

Vanisland Limited

Confey Phase 1A LRD

RFI Response to Items 1, 4, 5, 6, 7, 8, 9, 10 &
12(c) KCC Reg Ref: 26/60746

2423-DOB-XX-SI-RP-C-0004

October 2026

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1 Introduction

Donnachadh O'Brien & Associates Consulting Engineers Ltd. (DOBA) have been instructed by the developer, Vanisland Ltd, to prepare a response to Kildare County Council regarding a Request for Further Information at the proposed development on Lands within the townlands of Newtown and Confey, Leixlip, Co. Kildare Phase 1A LRD. This RFI Response addresses Items 1, 4, 5, 6, 7, 8, 9, 10 & 12(c) and should be read in conjunction with all other relevant reports submitted by the Applicant.

2 KCC RFI Item 1

In line with the NTA submission the Applicant is requested to liaise with the NTA with regard to the provision of bus stop infrastructure for the proposed development.

In line with the NTA submission the Planning Authority require that the Applicant provides 'pedestrian and bicycle only' routes traversing the proposed development as per Confey Masterplan (Figure 40: Indicative Street Network with the Masterplan). The Applicant is requested to submit a drawing for same.

Applicant's Response to RFI Item 1

The Applicant contacted the NTA on 03rd September 2026 regarding the future provision of the bus stop infrastructure. In the absence of a response from the NTA, the Developer will accept a pre-commencement condition to agree upon the Bus Stop location. A copy of the Applicant's correspondence with the NTA in this regard has been included in **Appendix A**.

The Applicant's landscape Architect, BSLA, has provided a response under separate cover in relation to the same and an extract is provided in **Figure 1** below.



Figure 1 BSLA VRU routes (source: BSLA)

3 KCC RFI Item 4

Please note that a 2.0m footpath and cycle path to be provided along L1015 as per Phase 1a of Confey Lands Masterplan and in line with the NTA submission is required. The Applicant is requested to resubmit a revised drawing indicating this requirement.

Applicant's Response to RFI Item 4

The proposed development, as part of the Phase 1A of the Confey Masterplan, provides for a continuous 4.0m wide shared pedestrian and cyclist infrastructure along the L1015 as illustrated in orange in **Figure 2** below in lieu of separate 2.0m wide footpaths and 2.0m wide cycle tracks and the reason for this is clear. If separate footpaths and cycle paths are provided, these will require tactile paving and shared surfaces to access the duplex units fronting onto the L1015 at unrealistic and impractical intervals as can be seen in the comparison in **Figure 2** below.

The pedestrian and cycle infrastructure surface shall be continued as part of the delivery of future phases of development along both sides of the L1015 in accordance with the Confey Masterplan. The Applicant is providing the pedestrian and cycle infrastructure relevant to Phase 1a as part of this phase.

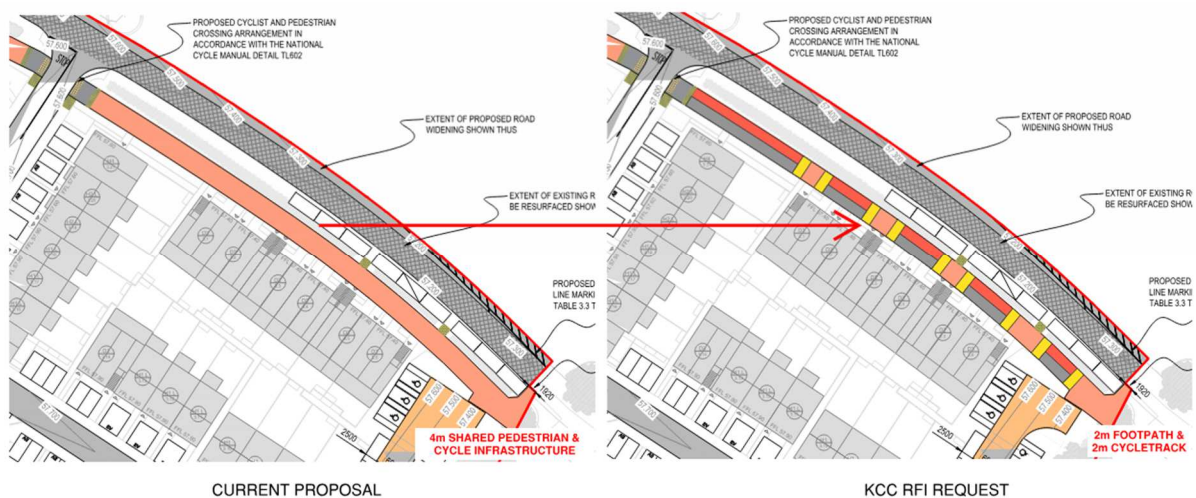


Figure 2 4.0m wide Active Travel Infrastructure proposed as part of the subject application (source: DOBA drawing 2423-DOB-XX-SI-DR-C-0500)

4 KCC RFI Item 5

The Applicant is requested to submit a Road Safety Audit (RSA) Stage 2 on the detailed design by an independent approved and certified auditor. The RSA Stages 2 is to assess:

- a) The internal areas of the proposed development.*
- b) The interface with the existing public road/footpath network/existing residential development.*
- c) The internal shared pedestrian/cycle paths.*
- d) Pedestrian/cycle access points.*

Applicant's Response to RFI Item 5

The Applicant acknowledges the Planning Authorities statement, however, Section 2.4 of the Transport Infrastructure Ireland (TII) Standard GE-STY-01024 (May 2025) governs Road Safety Audits (RSAs) for Irish national road infrastructure under EU Directive 2019/1936 and S.I. No. 612 of 2021, states that a Stage 2 RSA can only be completed following '*completion of detailed design and prior to tender of construction contract*'. Therefore, the Stage 1 Audit completed by the Applicant at this Planning Design stage is appropriate.

Further to a meeting with Kildare Co. Co. (KCC) Roads Department representative on the 30 September 2026, KCC has advised that a Stage 2 Road Safety Audit shall not be required at this stage and that a Stage 1 Road Safety Audit is sufficient. The Applicant welcomes a pre-commencement condition to prepare and submit a Stage 2 Road Safety Audit.

The Stage 1 Road Safety Audit has been included in **Appendix B** of this RFI Response report.

5 KCC RFI Item 6

The Applicant is requested to provide RSA stage 1 recommendations including:

- *termination of cycle lanes*
- *relocation of parallel parking*
- *provision of pedestrian crossing at internal junctions*
- *provision of footpaths*

Applicant's Response to RFI Item 6

The Stage 1 Road Safety Audit raised a number of items of Road Safety concern on the preliminary scheme and provided recommendations. The Applicant has responded to the Road Safety Audit through the feedback form in accordance with TII Publication Section 3.4.1 GYE-STY-01027 addressing these concerns and have provided mitigation measures or amendments to increase road safety.

The completed feedback form has been included with the Road Safety Audit which is included in **Appendix B** of this RFI Response report.

The mitigation measures and amendments addressing the concerns raised have been implemented and are illustrated on the updated Proposed Site Layout Plan drawing 2423-DOB-XX-SI-DR-C-0500 which is included in **Appendix C** of this RFI Response report.

6 KCC RFI Item 7

The Applicant is requested to submit a Quality Audit, addressing pedestrian/cyclist permeability, tactile paving, safe zones in shared spaces and cycle facility details.

Applicant's Response to RFI Item 7

The Applicant commissioned Traffico to carry out a Quality Audit which has been included in **Appendix D** of this RFI response report. The recommendations from the Quality Audit shall be adopted and included in the scheme at Detailed Design stage, post planning. The final detailed design will be subject to a Stage 2 Road Safety Audit which the Applicant has stated their satisfaction in receiving a pre-commencement condition.

7 KCC RFI Item 8

Notwithstanding the details submitted, it is noted that underground attenuation storage systems form part of the proposed development. Please note that it is the intention of Kildare County Council to remove underground surface water tanks (Kildare County Development Plan 2023-2029 Objective INO24). The surface water drainage design should include but not be limited to:

- a) Limiting discharge rates from the site to as close as reasonably practicable to the greenfield runoff rate from the development for the same rainfall event for the 1-in-1 year and 1-in-100-year rainfall events using Nature Based Sustainable Drainage Systems (SuDS) designed in accordance with Kildare County Council's SuDS Design Guide.*
- b) Provide sufficient surface water management so that the runoff volume is discharged at a rate that does not adversely affect flood risk and that unless designated to flood that no part of the site floods for a 1-in-30-year event, and 1-in-100-year event in any part of a building, utility plant susceptible to water within the development.*
- c) Provide sufficient water management to ensure no off-site flooding because of the development during all storm events up to and including the 1-in-100 year plus climate change event (+30%) and 10% for urban creep.*
- d) The appropriate level of treatment for all runoff leaving the site.*
- e) Detailed engineering drawings of each component of the drainage scheme.*

The Applicant is requested to submit revised details to address the above.

Applicant's Response to RFI Item 8

With regard to Development Plan Objective IN O24, we note that the site-wide surface water management strategy has been designed to prioritise the use of above-ground Sustainable Drainage Systems (SuDS), such as detention systems, swales, Bio detention basins, Bioretention Areas, supplemented by below-ground filtration systems such as filter drains, permeable paving and tree pits etc. In this instance, an overall storage volume of 3526 cubic meters is proposed throughout the development where a small portion of this volume (less than 19%) of the overall storage is proposed in the form of supplementary underground attenuation. As can be seen from **Figure 3** below which is an extract from the DOBA Proposed Surface Water drainage layout drawing 2423-DOB-XX-SI-DR-C-0200, the provision of attenuation is constrained at this outfall location by the requirement to retain the existing trees and hedgerow. If these were removed, the proposed detention pond could be enlarged to the south and the proposed attenuation tank located beneath the plaza area to the north of the neighbourhood centre could be removed. As it stands, it would not be appropriate to provide an open water feature in-lie of the underground attenuation system.

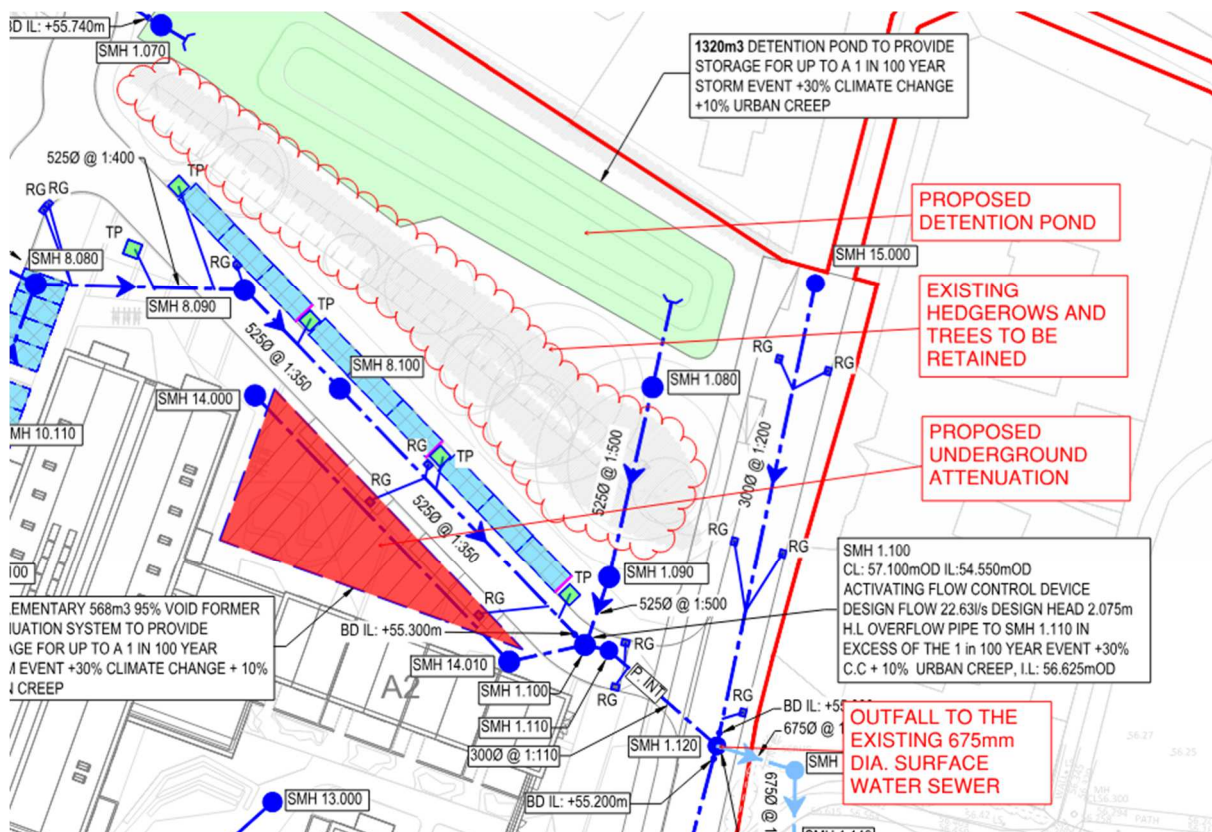


Figure 3 Attenuation features & constraints at the outfall

The design solutions and proposals to try and completely omit any underground attenuation on the site have been exhausted as noted above. The constraints noted in addition to the site levels, outfall levels, and the requirement to accommodate storage for all events up to a 1 in 100 year + 30% Climate Change event plus additional 10% Urban Creep factor through the site all factor in the attenuation provision.

The proposed surface water management strategy remains compliant with the Kildare County Council Sustainable Drainage Systems guidance and the KCC Development Plan IN O24 where it **does not omit underground attenuation** from being accepted, but only where all other solutions have been explored, which is the case for the proposed development. IN O24 of the KCC Development Plan States the following; *"Only consider underground retention solutions when all other options have been exhausted."*

Applicant's Response to RFI Item 8(a)

Section 5.5 of the Infrastructure Design Report submitted with this application refers to the approach that the discharge rate of the Surface Water Runoff was calculated. In accordance with the IH24 method, the greenfield runoff for existing undeveloped sites measuring less than 50Ha can be estimated adopting the following formula which equates to the current greenfield runoff rate.

$$Q_{barrural} (m^3/s) = 0.00108 \times (\text{Area})^{0.89} (\text{SAAR})^{1.17} (\text{SOIL})^{2.17}$$

Table 1 Qbar calculation - outfall

Standard Average Annual Rainfall (SAAR)	800	mm
Soil Index	0.4	
Total Site Area	5.832	Hectares (ha)
Storm Return Period	100	Years
Permissible Outflow per hectare, QBAR	4.0	l/s/ha
* Total Permissible Outflow	22.63	l/s

Applicant's Response to RFI Item 8(b)

Section 5.9 of the DOBA Infrastructure Design Report (IDR) report 2423-DOB-XX-SI-RP-C-0001 which was submitted as part of the planning application documentation, clearly illustrates that the design of sustainable drainage systems complies with Chapter 6 of the Greater Dublin Strategic Drainage Study (GDSDS) which describes the performance of the proposed surface water drainage system when measured against the relevant GDSDS drainage criterion, namely;

- Criterion 1 – River Quality Protection
- Criterion 2 – River Regime Protection
- Criterion 3 – Level of Service (flooding) for the Site
- Criterion 4 – River Flood Protection

As noted in the Applicant's Response to RFI Item 8(a) above, the proposed Q_{bar} for the site is **22.63 l/s**. As the surface water run-off generated on site does not exceed Q_{bar} there is no requirement for long-term storage to limit the impact on the receiving watercourse nor does it have any impact on the flood risk which is evident where no pluvial out-of-manhole flooding of the proposed surface network occurs for storms up to and including a 1 in 30 and 1 in 100 Year plus 30% Climate Change + 10% Urban Creep. Therefore, no flooding of the site, internal properties or adjacent urban areas occurs

Applicant's Response to RFI Item 8(c)

Engineering calculations included in Appendix B of the DOBA Infrastructure Design Report (IDR) report 2423-DOB-XX-SI-RP-C-0001 which was submitted as part of the planning application documentation demonstrates that no pluvial out-of-manhole flooding of the proposed surface network occurs for storms up to and including a 1 in 30 and 1 in 100 Year plus 30% Climate Change + 10% Urban Creep. Therefore, no flooding of the site, internal properties or adjacent urban areas occurs. Pipe sizes and gradients have been designed so as to achieve self-cleansing velocities as per the requirements of the Building Regulations Part 'H'. The lowest proposed floor level is set at a minimum 500mm above the highest water level in the attenuation. A high-level overflow has been proposed to facilitate a free-flowing discharge in the event of a storm exceeding a 1:100 Year plus 30% Climate Change and 10% Urban Creep and/ or the outfall becoming blocked.

Applicant's Response to RFI Item 8(d)

The proposed design provides a **minimum** 2-stage surface water treatment process which intercepts surface water run-off at source and treats the water by filtration and treatment through natural material prior to discharging to the existing surface water network traversing the GAA club to the east prior to discharging to an existing Oranstown watercourse. **Figure 4** below is an extract from the DOBA Infrastructure Design Report (IDR) report 2423-DOB-XX-SI-RP-C-0001 which was submitted as part of the planning application documentation illustrating the proposed treatment train.

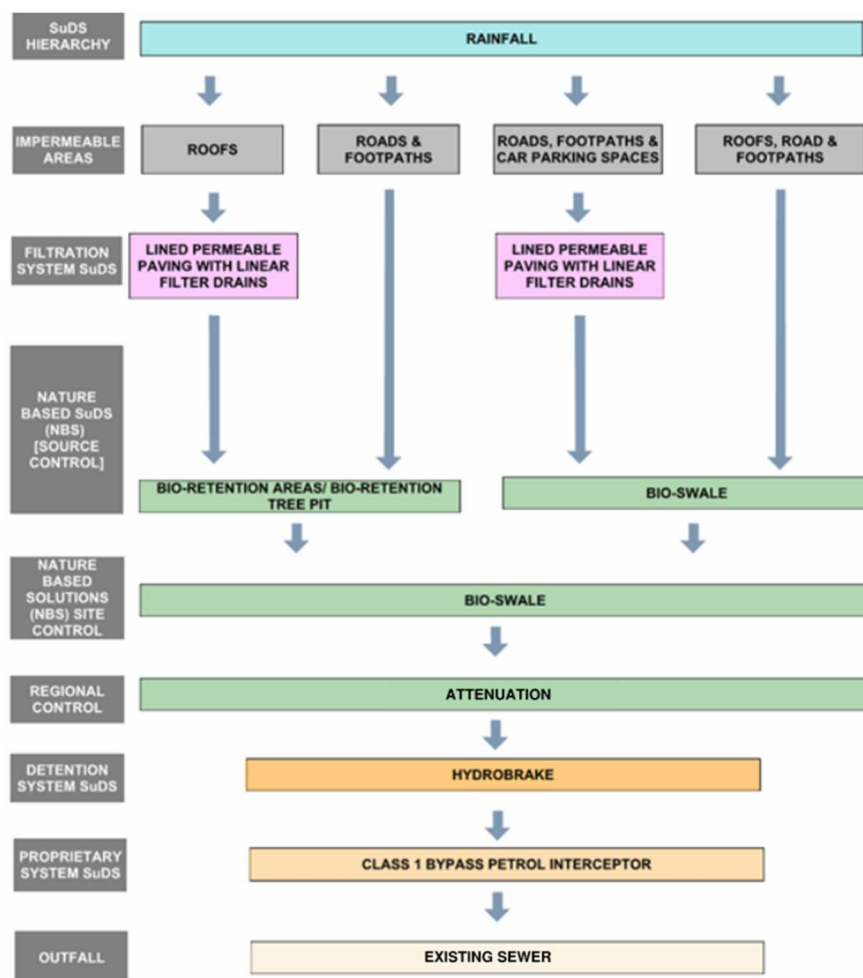


Figure 4 Proposed Typical Sub-Catchment Treatment Train

Applicant's Response to RFI Item 8(e)

The proposed SuDS details proposed for the subject site have been illustrated on the DOBA drawing 2423-DOB-XX-XX-C-0275 and 2423-DOB-XX-XX-C-1200 which were submitted to Kildare County Council as part of the planning application documentation.

8 KCC RFI Item 9

The Applicant is requested to submit a hydraulic analysis inclusive of longitudinal and cross sections of the proposed outfall route through the Confey GAA grounds to the River Liffey. The Applicant is requested to demonstrate the flood risk is not increased for peak rainfall events for land and properties downstream of the discharge point. A CCTV survey and report is also required for any piped or culverted sections of the Surface Water discharge route.

Applicant's Response to RFI Item 9

Firstly, the Applicant has provided surface water network calculations of the existing 675mm dia. outfall route through the adjacent Confey GAA lands demonstrating that flood risk is not increased for peak rainfall events for land and properties downstream of the discharge point. Please refer to **Appendix E** for the calculations which have been carried out using Infodrainage 2026.4. The submitted calculations provide for the drainage of the existing GAA Lands in addition to the proposed Q_{bar} flows of 22.63l/s from the adjacent development for which this application pertains to.

Secondly, the Applicant has also provided drawing 2423-DOB-XX-SI-DR-C-1403 which illustrates both longitudinal and cross sections through the existing 675mm dia. outfall sewer which discharges to the existing watercourse along the Eastern Boundary of the GAA Lands. Please refer to **Appendix F**.

Finally, the Applicant has provided a CCTV survey of the existing 675mm dia. outfall sewer in **Appendix G**. The survey shows that the infrastructure is in good condition to receive flows from the proposed development.

9 KCC RFI Item 10

Please note that written consent is required from Waterways Ireland for the proposed surface water discharge from the development to the Oranstown stream. The Applicant is advised to obtain written consent and to submit a copy of this consent to the Planning Authority.

Applicant's Response to RFI Item 10

Firstly, reference is made to Section 34(13) of the Planning and Development Act 2000, as amended, which remains applicable to the subject application having regard to the transitional arrangements under the Planning and Development Act 2024. It is also noted that the equivalent provision is retained under Section 83(3) of the Planning and Development Act 2024. These provisions clarify that the grant of planning permission does not, in itself, confer the legal entitlement to carry out development, and that any separate third-party consent required to undertake works remains a separate matter.

Secondly, the existing site drains to the Oranstown Stream via the existing 675mm dia. surface water sewer beneath the Confey GAA lands. The existing Oranstown Stream does not discharge to the Canal as evident via an extract from the EPA river flow network in **Figure 6** below. The proposed development is simply discharging flows through this existing connection and written consent is therefore not required. Thirdly, the proposed discharge has been reduced to pre-development greenfield rates, therefore, this is no additional flow from the proposed development compared to the existing. Additionally, the Applicant liaised with Waterways Ireland and as per the DOBA IDR submitted as part of the original planning application, Waterways Ireland has no objections to the same.

site discharging to the Oranstown stream and have received confirmation that Waterways have no objection to the same. Mervyn Hamilton from Waterways Ireland has addressed the proposal with the following:

'No objection was raised by Waterways Ireland in principle to a proposed discharge of surface water from the development to the existing open channel'

Figure 5 Correspondence with Waterways Ireland

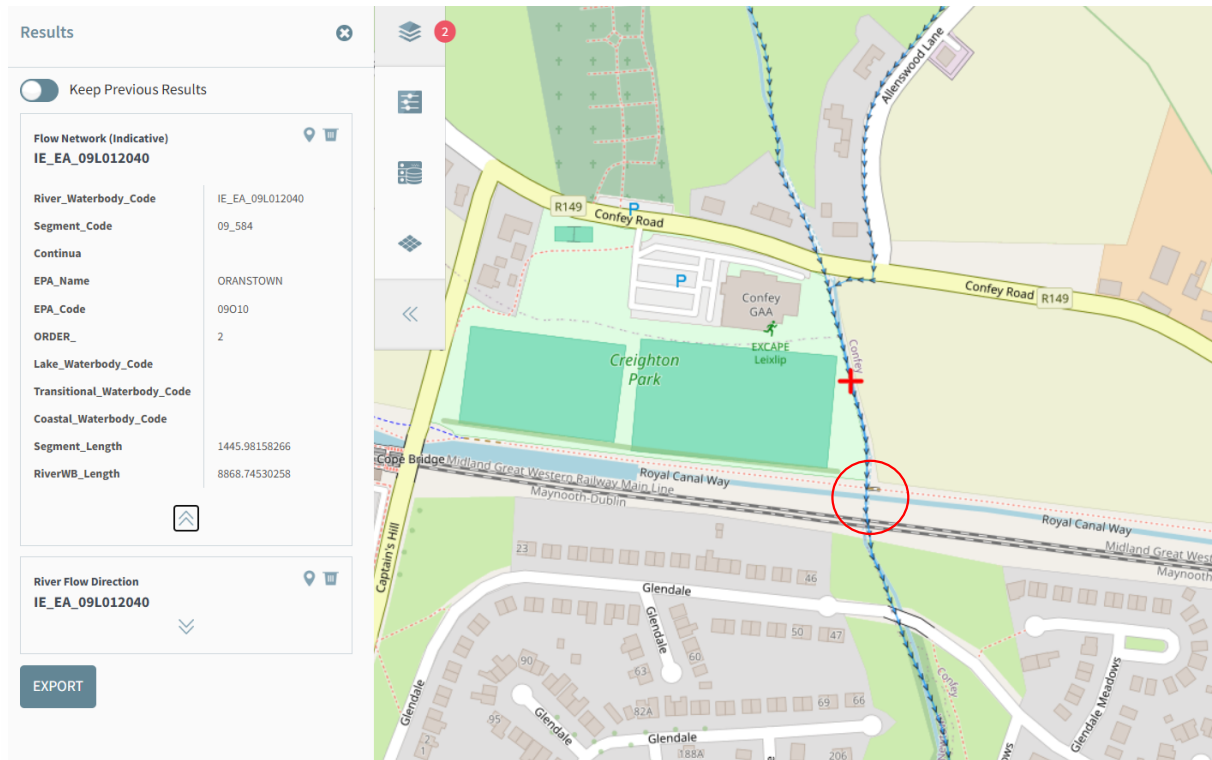


Figure 6 Flow of Oranstown stream beneath the Canal (source: <https://gis.epa.ie/EPAMaps/Water/>)

10 KCC RFI Item 12 (c)

The Applicant is requested to review the positioning of road/ tabletop ramps to ensure that no residential access to driveways is impeded or conflicts with ramp slopes.

Applicant's Response to RFI Item 12(c)

The Applicant has amended the Proposed Road Layout Plan with particular attention to the positioning of the tabletop/ ramped infrastructure to ensure that no residential access is impeded or conflicts with the ramped slopes. DOBA drawing 2423-DOB-XX-SI-DR-C-0500-S2.P11 Pr.Site Layout has included in **Appendix H** of this report and a comparison of the planning issued and updated RFI response layout are presented in **Figure 7** below.

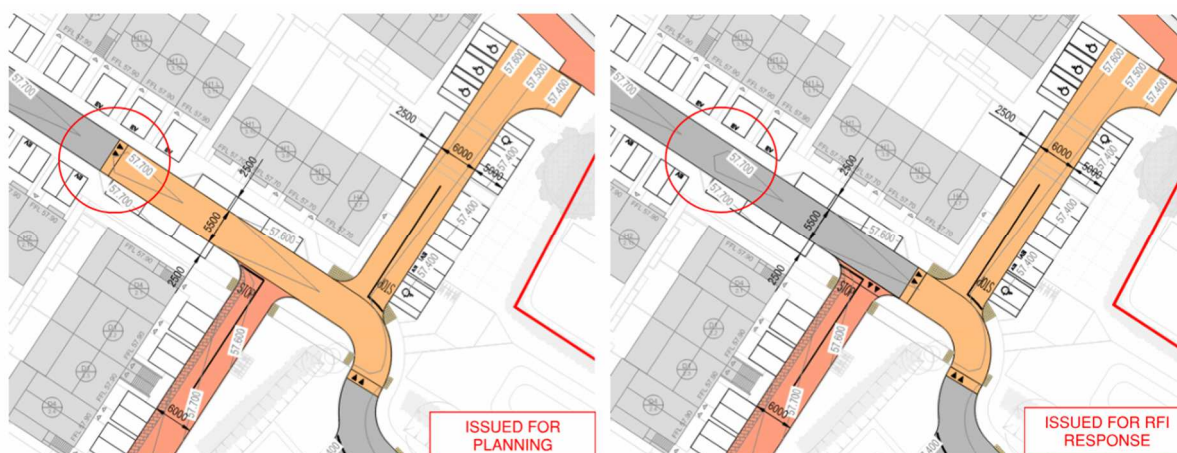


Figure 7 Comparison of a typical example of table top/ ramped infrastructure revised to avoid impeding residential access or conflict with ramped slopes (source: DOBA Pr. Site Layout Revision P.10 versus P.11)

Appendix A RFI Item 1 Bus Stop Location correspondence with the NTA

Paul Doyle

From: Martin Coffey <martin.coffey@doba.ie> on behalf of Martin Coffey
Sent: Thursday 17 September 2026 09:24
To: David Clements; Paul Doyle
Cc: Kevin Cotter; Kate Kerrigan; Tanya Yeoman
Subject: RE: KCC Reg. Ref.: 2660746 (Proposed development on Lands within the townlands of Newtown and Confey, Leixlip, Co. Kildare) RFI Item 1

Hi David, I hope you are keeping well. I am just quickly touching base regarding the below. Did you have a moment to discuss with your Bus and Active Travel Teams?
Thanks in advance

Kind Regards

Martin James Coffey
Design Engineer C.Eng, B.Eng, M.Sc CMP, MIEI



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From: David Clements <David.Clements@nationaltransport.ie>
Sent: 03 September 2026 14:58
To: Paul Doyle | DOBA <paul.doyle@doba.ie>
Cc: Kevin Cotter <kcotter@ballymoregroup.com>; Kate Kerrigan <kkerrigan@jsaplanning.ie>; Martin Coffey <martin.coffey@doba.ie>; Tanya Yeoman <Tanya.Yeoman@nationaltransport.ie>
Subject: RE: KCC Reg. Ref.: 2660746 (Proposed development on Lands within the townlands of Newtown and Confey, Leixlip, Co. Kildare) RFI Item 1

Hi Paul,

Thanks for sending on. We'll run these past our bus and active travel teams and endeavour to get back to you by the end of next week.

Regards,
David

From: Paul Doyle | DOBA <paul.doyle@doba.ie>
Sent: Thursday 3 September 2026 14:35
To: David Clements <David.Clements@nationaltransport.ie>
Cc: Kevin Cotter <kcotter@ballymoregroup.com>; Kate Kerrigan <kkerrigan@jsaplanning.ie>; Martin Coffey <martin.coffey@doba.ie>

Subject: KCC Reg. Ref.: 2660746 (Proposed development on Lands within the townlands of Newtown and Confey, Leixlip, Co. Kildare) RFI Item 1

You don't often get email from paul.doyle@doba.ie. [Learn why this is important](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi David,

We hope all is well. We write in relation to a request from Kildare Co. Co. (KCC) via RFI Item 1 associated with KCC Reg. Ref.: 2660746 (Proposed development on Lands within the townlands of Newtown and Confey, Leixlip, Co. Kildare). Item 1 partly notes the following, "*In line with the NTA submission the Applicant is requested to liaise with the NTA with regard to the provision of bus stop infrastructure for the proposed development*". In this regard, we have attached a set of drawings which illustrates the location of a bus stop on the R149 Captains Hill to the east of the development. We would appreciate any comments that you may have in this regard.

Regards,

Paul Doyle
Director

.....
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& ASSOCIATES CONSULTING ENGINEERS
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Appendix B RFI Item 5 & 6 Stage 1 Road Safety Audit

Confey Lands 1A LRD

Stage 1 Road Safety Audit

Ballymore Ireland Contracting Services Limited

October 2026

Confey Lands 1A LRD

Stage 1 Road Safety Audit

October 2026

Notice

This document and its contents have been prepared and are intended solely for Ballymore Ireland Contracting Services Limited's information and use in relation to Confey Lands 1A LRD.

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1. Introduction

1.1 Report Context

This report describes the findings of a Stage 1 Road Safety Audit associated with Confey Lands 1A LRD.

The Audit has been completed by Traffico on behalf of Ballymore Ireland Contracting Services Limited.

1.2 Details of Site Inspection

Date	Daylight / Darkness	Weather & Road Conditions
Tuesday 10 th March 2026	Daylight	Sunny with dry road pavements.

Table 1.1 – Site Inspection Details

1.3 The Road Safety Audit Team

The members of the Road Safety Audit Team have been listed following:

Status	Name / Qualifications	TII Auditor Reference No:
Audit Team Leader (ATL)	Martin Deegan BEng(Hons) MSc CEng FIEI	MD101312
Audit Team Member (ATM)	Shane Kearns MEng BEng (Hons), RSACert, MIEI, MTPS	SK*364

Table 1.2 – Audit Team Details

1.4 Design Information Examined as Part of the Audit Process

The following design information was examined as part of the Road Safety Audit (RSA) process:

Drawing No.	Drawing Title	Rev.
2423-DOB-XX-SI-DR-C-0500	Proposed Site Layout	P05
2423-DOB-XX-SI-DR-C-0550	Proposed Exit Sightlines	P03
2423-DOB-XX-SI-DR-C-0700	Ex., Interim & Long-Term Captains Hill Arrangement Sh. 1	P03
2423-DOB-XX-SI-DR-C-0710	Ex., Interim & Long-Term Captains Hill Arrangement Sh. 2	P01
2423-DOB-XX-SI-DR-C-1100	Proposed Typical Siteworks Details	S2.P04
2423-DOB-XX-SI-DR-C-1150	Proposed Typical Toucan Crossing	S2.P04
KE 2401-01-PLA	Landscape Masterplan Phase 1	00

Table 1.3 – Designers Drawing List

1.5 Road Safety Audit Compliance

Procedure and Scope

This Road Safety Audit has been carried out in accordance with the procedures and scope set out in TII publication number GE-STY-01024 - Road Safety Audit.

As part of the road safety audit process, the Audit Team have examined only those issues within the design which relate directly to road safety.

Compliance with Design Standards

The road safety audit process is not a design check, therefore verification or compliance with design standards has not formed part of the audit process.

Minimizing Risk of Collision Occurrence

All problems described in this report are considered by the Audit Team to require action in order to improve the safety of the scheme and minimise the risk of collision occurrence.

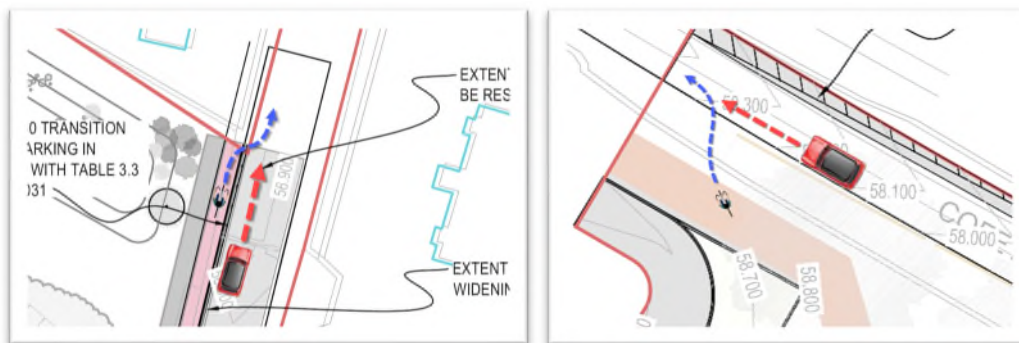
2. Road Safety Issues Identified

2.1 Problem: Cyclists Rejoining Traffic Lanes Suddenly

Location: Cycle Tracks on R149 Captains Hill and L1015 Confey Road

When cyclists reach the end of the segregated cycling tracks, they will merge into adjacent traffic lanes unexpectedly, which could increase the risk of them being struck from behind by approaching vehicles.

Figure 2.1 – Locations of Where Cyclists Will Be Required Transition Back into Traffic Lanes



Recommendation

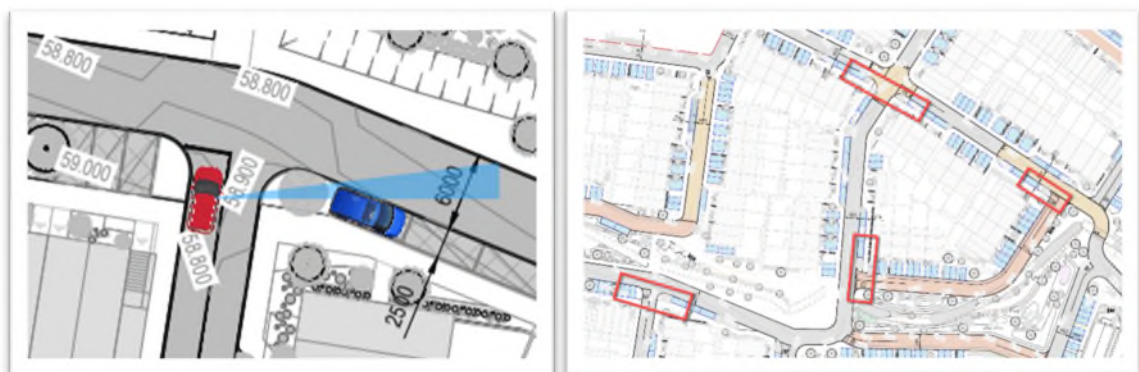
Cyclists should be provided with a safe and appropriate means to transition back into the adjacent traffic lane. The measures should highlight to drivers the location where cyclists will be re-entering the traffic lane in front of them.

2.2 Problem: Parking Beside Junctions Obscuring Lines of Sight

Location: Various Junctions within the Development Internal Streets

Parking bays positioned too close to internal junctions may reduce visibility splays, increasing the risk of side impact type collisions on the internal streets.

Figure 2.2 – Examples of Internal Junctions with Parking Close By Which Might Impact on Sightlines



Recommendation

Sightlines for all internal junctions with parking close by should be examined, with the parking arrangements modified as appropriate to achieve suitable sightlines.

2.3 Problem: Uncatered Pedestrian Crossing Desire Lines

Location: Various Junctions within the Development Internal Streets

At a number of internal junctions there appears to be an absence of crossing facilities. This could lead to pedestrians attempting to cross the road at unsuitable locations placing them in conflict with vehicles.

Figure 2.3 – Uncatered Pedestrian Crossing Desire Lines at Internal Junctions



Recommendation

Suitable raised pedestrian crossings should be provided in all locations where pedestrians are likely to want to cross the internal streets.

2.4 Problem: Missing Footpath Link on Key Walking Dires Lines

Location: Internal Junction Near Access to Captains Hill

The absence of suitable footpath connections here could lead to pedestrians stepping into the adjacent traffic lane without warning. It could also lead to slips and trips for pedestrians attempting to walk in the grass to reach the nearest available footpath connection.

Figure 2.4 – Missing Footpath Links Near Main Pedestrian Access to Captains Hill / Train Station



Recommendation

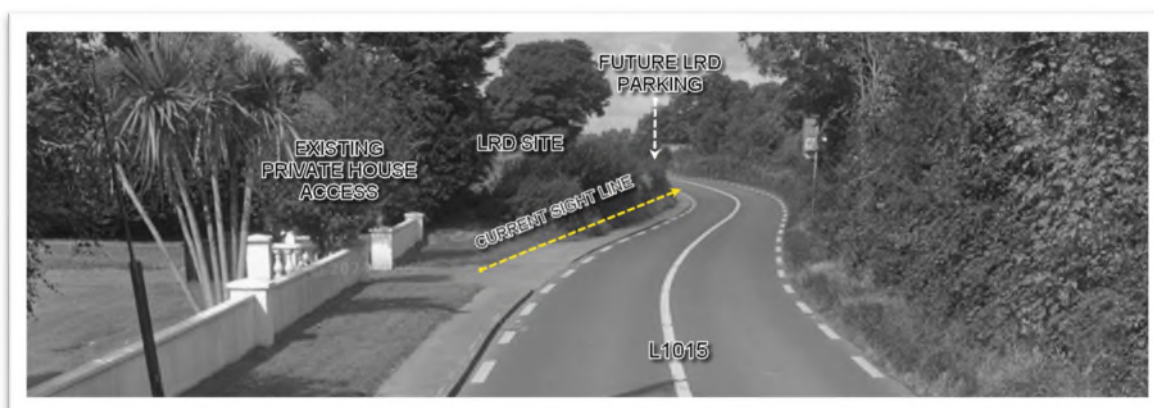
Suitable footpath links should be provided here, including raised crossings where required.

2.5 Problem: Impact on Visibility Splays for House Access

Location: Existing House Entrance on L1015 Confey Road

The location of the proposed roadside parking on L1015 Confey Road may reduce visibility for drivers emerging from the house access. This could lead to a collision between vehicles on L1015 Confey Road and a vehicle attempting to leave the house access.

Figure 2.5 – House Access onto L1015 & Location of Roadside Parking to Wset



Recommendation

The Designer should ensure that the proposed roadside parking does not reduce visibility for drivers emerging from the house access.

3. Audit Team Statement

3.1 Certification & Purpose

We certify that we have examined the drawing(s) listed in Chapter 1 of this Report.

Sole Purpose of the Road Safety Audit

The Road Safety Audit has been carried out with the sole purpose of identifying any features of the design which could be removed or modified to improve the road safety aspects of the scheme.

3.2 Implementation of RSA Recommendations

The problems identified herein have been noted in the Report together with their associated recommendations for road safety improvements.

We (the Audit Team) propose that these recommendations should be studied with a view to implementation.

Audit Team's Independence to the Design Process

No member of the Audit Team has been otherwise involved with the design of the measures audited.

3.3 Road Safety Audit Team Sign-Off

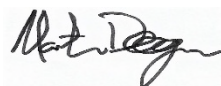
Martin Deegan

Audit Team Leader

Road Safety Engineering Team

traffico

Signed:



Date:

23rd March 2026

Shane Kearns

Audit Team Member

Road Safety Engineering Team

traffico

Signed:



Date:

23rd March 2026

4. Designers Response

4.1 Using the Feedback form to Respond to the Road Safety Audit

The Designer and the Client should prepare an Audit Response for each of the recommendations using the Road Safety Audit Feedback Form attached in Appendix A.

When completed, this form should be signed by the Designer and the Client and returned to the Audit Team for consideration. See flow-chart following for further description.



Figure 4.1 – Road Safety Audit Sign-Off and Completion Process

4.2 Returning the Completed Feedback Form

The Designer should return the completed Road Safety Audit Feedback Form attached in Appendix A of this report to the following email address:

- Email address: martin@traffico.ie
- Telephone: 01 699 1551

The Audit Team will consider the Designer's response and reply indicating acceptance or otherwise of the Designers response to each recommendation.

4.3 Triggering the Need for an Exception Report

If the Designer and Audit Team cannot agree on how to address a safety issue identified as part of the road safety audit process, then the Designer must prepare an Exception Report for each disputed item in the audit report.

Refer to *GE-STY-01027 Road Safety Audit Guidelines, Section 3.4.3 Exception Report* for further guidance.

Appendix A

A.1 Road Safety Audit Feedback Form

Road Safety Audit Feedback Form

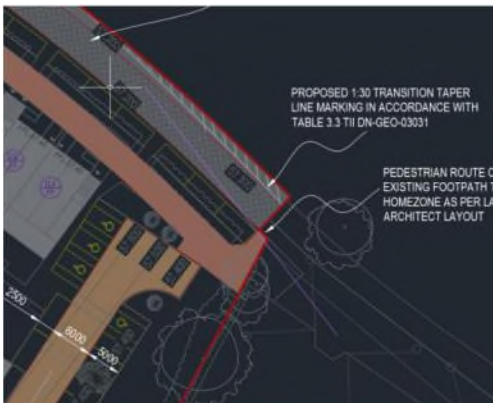
Scheme: Confey Lands 1A LRD

Audit Stage: Stage 1 Road Safety Audit

Audit Date: 23rd March 2026

Problem Reference (Section 2)	Designer Response Section			Audit Team Response Section
	Problem Accepted (yes / no)	Recommended Measure Accepted (yes / no)	Alternative Measures or Comments	Alternative Measures Accepted (yes / no)
2.1	YES	YES	<p>Along the East of the site, a transition arrangement in accordance with The Cycle Design Manual is provided in the interim, prior to the completion of the Confey Masterplan and associated future road upgrade. Upon completion of the masterplan, dedicated cyclist and pedestrian facilities will be developed further.</p>  <p>Similarly, In the Interim and prior to the Confey Masterplan being completed, a shared surface with tactile paving and dropped kerb is provided for a transition to the carriageway.</p> 	Comment noted.
2.2	YES	YES	<p>Parallel Parking along carriageways have been relocated/ amended to accommodate suitable visibility splays</p>	Comment noted.

Problem Reference (Section 2)	Designer Response Section			Audit Team Response Section
	Problem Accepted (yes / no)	Recommended Measure Accepted (yes / no)	Alternative Measures or Comments	Alternative Measures Accepted (yes / no)
			<p>given the slower speeds through the internal road network</p> 	
2.3	YES	YES	<p>Additional Pedestrian Crossing points have been added where pedestrians will cross internal streets.</p> 	Comment noted.
2.4	YES	YES	<p>Landscaped connection has been provided from the units to the eastern portion of the site</p> 	Comment noted.

Problem Reference (Section 2)	Designer Response Section			Audit Team Response Section
	Problem Accepted (yes / no)	Recommended Measure Accepted (yes / no)	Alternative Measures or Comments	Alternative Measures Accepted (yes / no)
2.5	YES	YES	<p>A Splay of 45m to centre of carriageway is provided in line with DMURS Table 4.2. The proposed Parallel parking is located such that there is no obstruction with Sightlines.</p> 	Comment noted.

**The Designer should complete the Designer Response Section above, then fill out the designer details below and return the completed form to the Road Safety Audit Team for consideration and signing.*

Designer's Name: Martin Coffey

Designer's Signature:

Date: 24.04.2026

Audit Team's Name: Martin Deegan

Audit Team's Signature:

Date: 29.04.2026

Client's Name:

Client's Signature:

Date:



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Appendix C RFI Item 6 Updated Road Layout 2423-DOB- XX-SI-DR-C-0500

NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2423-DOB-XX-SI-DR-C-0001 & S-0002
- REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS
- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
- ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
- CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
- TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

GENERAL LEGEND:

- PR. BUILDING
- PR. TRAFFICKED ROADWAY
- EX. TRAFFICKED ROADWAY TO BE RESURFACED
- PR. TABLETOP PEDESTRIAN CROSSING
- PR. ROADWAY COLOURED SURFACING (HOME ZONE & SHARED VRU FACILITIES)
- PR. EXTERNAL FOOTPATH
- PR. EXTERNAL RAISED CYCLEPATH
- PR. IN-LINE TACTILE PAVING (@ UNCONTROLLED CROSSINGS)
- PROPOSED PERPENDICULAR TACTILE PAVING (@ UNCONTROLLED CROSSINGS)
- PROPOSED CORDUROY TACTILE PAVING SURFACING (TRAMLINE AND LADDER)
- PROPOSED CORDUROY TACTILE PAVING SURFACING (LADDER) FOR PEDESTRIAN ENTERING A SHARED SURFACE
- PROPOSED TACTILE PAVING SURFACING (@ CONTROLLED)
- PROPOSED ROAD CONTOURS

ISSUED FOR PLANNING RFI

S2.P11	ISSUED FOR PLANNING RFI	06.10.2026	DF	MJC
S2.P10	ISSUED FOR PLANNING	16.06.2026	DF	MJC
S2.P09	ISSUED FOR INFORMATION	24.04.2026	DF	MJC
S2.P08	ISSUED FOR INFORMATION	10.04.2026	DF	MJC
S2.P07	ISSUED FOR INFORMATION	06.03.2026	RR	MJC
S2.P06	ISSUED FOR UE S&DA	19.02.2026	BB	MJC
S2.P05	ISSUED FOR STAGE 2 LRD APPLICATION	29.08.2025	NQ	MJC
S2.P04	ISSUED FOR INFORMATION	06.08.2025	NQ	MJC
S2.P03	ISSUED FOR INFORMATION	25.07.2025	NQ	MJC
S2.P02	ISSUED FOR INFORMATION	18.03.2025	EC	PD
S2.P01	ISSUED FOR INFORMATION	01.11.2024	MF	PD
Rev	Note	Date	Drawn	Check

DONNACHADH O'BRIEN
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Client:	VANISLAND LIMITED									
Project:	CONFNEY PHASE 1A LRD									
Drawing Title:	PROPOSED SITE LAYOUT									
Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:					
MF	PD	DOB	OCT '24	1:500	A0					
Project Number:		Drawing Number:				Status Code:		Rev Number:		
DOBA2423		2423-DOB-XX-SI-DR-C-0500				S2		P11		

Appendix D RFI Item 7 Traffico Quality Audit

Confey Lands 1A LRD

Quality Audit

Ballymore Ireland Contracting Services Limited

October 2026

Confey Lands 1A LRD

Quality Audit

October 2026

Notice

This document and its contents have been prepared and are intended solely for Ballymore Ireland Contracting Services Limited's information and use in relation to Confey Lands 1A LRD.

Traffico assumes no responsibility to any other party in respect of or arising out of or in connection with this document and / or its contents.

Document History

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1	Draft Issue	SK	MD	SK	MD	12 Oct 2026
Revision	Purpose Description	Originated	Checked	Reviewed	Authorised	Date

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No table of figures entries found.

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No table of contents entries found.

1. Introduction

1.1 Report Context

This report describes the findings of a Quality Audit associated with Confey Lands 1A LRD.

The Audit has been completed by Traffico on behalf of Ballymore Ireland Contracting Services Limited.

Request for Further Information – Addressing Concerns Raised by The Planning Authority

This quality audit has been designed to assist the designer to address concerns raised by the planning authority relating to pedestrian permeability, cycle permeability, accessibility, shared spaces and cycle facility details.

1.2 Details of Site Inspection

Date	Daylight / Darkness	Weather & Road Conditions
Tuesday 10 th March 2026	Daylight	Sunny with dry road pavements.

Table 1.1 – Site Inspection Details

1.3 The Road Safety Audit Team

The members of the Road Safety Audit Team have been listed following:

Status	Name / Qualifications	TII Auditor Reference No:
Audit Team Leader (ATL)	Martin Deegan BEng(Hons) MSc CEng FIEI	MD101312
Audit Team Member (ATM)	Shane Kearns MEng BEng (Hons), RSACert, MIEI, MTPS	SK*364

Table 1.2 – Audit Team Details

1.4 Design Information Examined as Part of the Audit Process

The following design information was examined as part of the Road Safety Audit (RSA) process:

Drawing No.	Drawing Title	Revision
2423-DOB-XX-SI-DR-C-0500	Proposed Site Layout	P05
2423-DOB-XX-SI-DR-C-0550	Proposed Exit Sightlines	P03
2423-DOB-XX-SI-DR-C-0700	Ex., Interim & Long-Term Captains Hill Arrangement Sh. 1	P03
2423-DOB-XX-SI-DR-C-0710	Ex., Interim & Long-Term Captains Hill Arrangement Sh. 2	P01
2423-DOB-XX-SI-DR-C-1100	Proposed Typical Siteworks Details	S2.P04
2423-DOB-XX-SI-DR-C-1150	Proposed Typical Toucan Crossing	S2.P04
KE 2401-01-PLA	Landscape Masterplan Phase 1	00

Table 1.3 – Designers Drawing List

1.5 Quality Audit Content and Compliance

Procedure and Scope for Quality Audit

This Quality Audit has been undertaken in accordance with Section 5.4.2 of the Design Manual for Urban Roads and Streets. The UK Department for Transport Traffic Advisory Leaflet (TAL) 5/11 has also been referred to for guidance.

This Quality Audit consists of a walking audit, a cycling audit and an access audit all focusing on accessibility requirements of vulnerable road users (and in particular, those with visual or mobility impairments), and on the movement and place function requirements of pedestrians and cyclists.

Compliance with Design Standards

The quality audit process is not a design check, therefore verification or compliance with design standards has not formed part of the audit process.

2. Walking, Cycling and Access Audit

2.1 Best Practice Guidance

This Quality Audit has been carried out in accordance with general best practice guidance set out within the following documents:

- The Disability Act 2005
- Technical Guidance Document M 2022 – Access and Use
- Buildings for Everyone Access and use for all citizens (National Disability Authority)
- Access Auditing of the Built Environment Guidelines (National Disability Authority)
- DMURS Advice Note 4 – Quality Audits
- Traffic Management Guidelines (Irish Government Publications 2003)
- Guidance on the use of Tactile Paving Surfaces: UK Department for Transport.

2.2 Objectives of the Walking, Cycling and Access Audit

The objectives of this Walking, Cycling and Access Audit are as follows:

- To ensure a high level of accessibility to the proposed development site for all vulnerable road users and in particular, for visually and mobility impaired users
- To ensure that the current and future access needs within the scheme are recognised and developed
- To ensure that advantage is afforded to walkers and cyclists at every opportunity.

2.3 Specific Walking, Cycling and Accessibility Recommendations

A summary of the design features, together with recommended actions to be taken during the relevant stage of the design or operation of the scheme have been detailed in the following table.

Table 2.1 - Walking, Cycling and Access Audit Summary Table

I.D.	Location	Feature	Action	When
 Recommendations to Encourage Walking				
W1	Footpaths within Confey Lands 1A LRD	Pedestrian provision & universal access	Ensure pedestrian environments are logical, continuous, easy to understand and consistent throughout the development.	Design Stage
W2	Footpaths within Confey Lands 1A LRD	Pedestrian Provision / Universal Access	Ensure continuity for pedestrians is provided at crossing points, and that crossing points are located with good forward stopping sight distance for approaching vehicles.	Design Stage

I.D.	Location	Feature	Action	When
W3	Pedestrian linkage to external Public Roads serving Confey Lands 1A LRD	Pedestrian provision – connections to external public roads	Provide seamless connections onto R149 and L1015 to encourage uptake for car sharing and public transport, including existing bus routes, future bus routes and the existing Intercity heavy rail services from Leixlip Confey Station.	Design Stage
W4	Footpaths serving Confey Lands 1A LRD	Street furniture positioning	Ensure street furniture is carefully positioned to avoid obstructions in footways and to maximise the effective width.	Design & Operational Stages
W5	Footpaths serving Confey Lands 1A LRD	Footpaths and crossing points	Ensure footpaths and crossing points are located on all significant desire lines, where they are safe and convenient to use for all vulnerable road users.	Design Stage
W6	Footpaths serving Confey Lands 1A LRD	Pedestrian Provision / Universal Access	Ensure continuity for pedestrians is provided at crossing points, and that crossing points are located with good forward stopping sight distance for approaching vehicles.	Design Stage
W7	Footpaths serving Confey Lands 1A LRD	Pedestrian Provision / Universal Access	At access points through the site boundaries which connect with existing public thoroughfares, all internal footpaths should link seamlessly with external footpaths / walking opportunities to accommodate universal access and facilitate pedestrian progression.	Design Stage
W8	Footpaths serving Confey Lands 1A LRD	Access to the Royal Canal Greenway	Suitable universal access should be provided between the development and the adjacent Royal Canal Greenway.	Design Stage
 Recommendations to Encourage Cycling				
C1	Shared cycling and walking areas within Confey Lands 1A LRD	Pedestrian & cyclist facilities.	Conflicts can arise where different modes of transport share the same space. Ensure cycle environments are logical, continuous, and legible throughout the development. Where cyclists are encouraged to share with pedestrians, ensure that sufficient width and end user information are provided.	Design Stage
C2	Formal Road Crossings within Confey Lands 1A LRD	Continuity and crossing.	Ensure continuity for cyclists and pedestrians are provided at key crossing points, and that crossing points are located with good forward stopping sight distance for approaching vehicles (these should not be obscured with landscaping).	Design Stage

I.D.	Location	Feature	Action	When
C3	All dedicated cycling provisions within Confey Lands 1A LRD	Street furniture positioning.	Ensure street furniture is carefully positioned to avoid obstruction in cycle paths and to maximise the effective width available to cyclists.	Design & Operational Stages
C4	Dedicated cycle tracks within Confey Lands 1A LRD	Commencements and terminations	Where cycle tracks commence, measures to allow ease of access for cyclists should be included. Where cycle tracks terminate, then termination points should be carefully designed to optimise cycle safety.	Design Stage
C5	Cycle Parking Areas within Confey Lands 1A LRD	Cycle Parking	Ensure appropriate cycle parking is provided within the development to encourage uptake of cycling. Ensure it is comfortable and safe for cyclists to access the parking.	Design Stage
C6	Cycle Parking Areas within Confey Lands 1A LRD	Cycle Parking & security	To encourage use and safeguard security, position cycle parking away from isolated areas and close to building entrances which are well lit and have natural passive surveillance. Consider providing cover over the cycle parking to protect cyclists from the elements where possible.	Design Stage
C7	Shared cycle tracks serving Confey Lands 1A LRD	Access to the Royal Canal Greenway	Suitable access should be provided for cyclists between the development and the adjacent Royal Canal Greenway.	Design Stage
 Recommendations to Provide for Universal Access & Accessibility				
A1	Footpaths serving Confey Lands 1A LRD	Dropped kerbs & tactile paving	Ensure appropriate dropped kerbs and tactile paving are provided at key crossing points.	Design Stage
A2	Footpaths serving Confey Lands 1A LRD	Universal Access – footpath types and finishes	Ensure consistency in the types of footpath surface utilised and ensure that the surface provides appropriate contrast with the adjacent road pavement.	Design Stage
A3	Footpaths serving Confey Lands 1A LRD	Universal Access – material contrast	Ensure contrasting colours/materials are used to define areas which are meant for sole use by vulnerable road users.	Design Stage
A4	Footpaths serving Confey Lands 1A LRD	Universal Access – footpaths	Ensure that measures are taken to actively maintain and police errant car parking on footpaths which might impact negatively upon pedestrian progression.	Design Stage & Operational Stage
A5	Footpaths serving Confey Lands 1A LRD	Definition of footpath edges & terminations	Ensure footpath edges are clearly defined and ensure that appropriate termination details are provided when footpaths end.	Design Stage

I.D.	Location	Feature	Action	When
A6	Footpaths serving Confey Lands 1A LRD	Steps - legibility	Ensure steps are legible and easy to define by providing step nosings with contrasting colour.	Design Stage
A7	Building structures – Confey Lands 1A LRD	Building Entrances	Ensure that building entrances are well defined and by employing colours and material finishes which contrast with the rest of the building façade.	Design Stage
A8	Building structures – Confey Lands 1A LRD	Building Entrances	Ensure clear sight lines to house entrances are provided from all approaches. Trees, planting or street furniture should not block these.	Design Stage
A9	Footpaths serving Confey Lands 1A LRD	Street Lighting	Ensure public lighting is located where pedestrian movement decisions are required (i.e. at crossing points, entrances and in shared street areas).	Design Stage
A10	External Landscaped areas serving Confey Lands 1A LRD	Drainage gaps	Ensure any break in surface or gap (such as a drainage gully) is no greater than 10mm and is perpendicular to line of travel. Locate drainage features both away from (and up gradient from) crossing points.	Design Stage
A11	External Landscaped areas serving Confey Lands 1A LRD	Drainage / pavement gradients	Ensure access routes are constructed with even and gentle falls to allow proper drainage and prevent the formation of puddles. The cross-fall gradient to any access route should not exceed 1 in 50, except when associated with a dropped-kerb.	Design Stage
A12	External Landscaped areas serving Confey Lands 1A LRD	Obstructions from Street Furniture or landscaping	Ensure street furniture / landscaping do not encroach on the clear width of pathways.	Design Stage
A13	External Landscaped areas Confey Lands 1A LRD	Street Furniture – visually impaired	Ensure street furniture contrasts in colour with the surrounding pavement surfaces.	Design Stage
A14	Car Parking Areas within Confey Lands 1A LRD	Universal access to parking	Ensure car parking is accessible, easy to use, and sufficient parking spaces are provided within a well-designed environment to meet the needs of all end users who might (reasonably) be expected to use them.	Design Stage
A15	Car Parking Areas within Confey Lands 1A LRD	Disabled parking	Ensure the location of designated spaces for car users with disabilities are located as close as possible to the building access points.	Design Stage

I.D.	Location	Feature	Action	When
A16	Car Parking Areas within Confey Lands 1A LRD	Car park & boundary treatment	Ensure that access to/from parked vehicles is not inhibited by boundary treatments, trees, hedges, street furniture or structural features.	Design Stage
A17	Bin storage within Confey Lands 1A LRD	Bin storage	Bin storage and collection can lead to obstruction of the footpaths and cycle facilities. The Designer should ensure that refuse truck access and turning, bin storage and bin collection are all considered and comprehensively catered for within the development proposals.	Design Stage

4. Quality Audit Recommendations

4.1 Potential Conflicts Between Audits

This Quality Audit consists of a walking audit, a cycling audit and an access audit which have been considered collectively to identify potential conflicts between their respective objectives and the proposed design arrangements.

The audits address several common aspects within the development streets, particularly pedestrian and cycling provision, connections to bus and heavy rail facilities, road space allocation and the positioning of street furniture.

While these matters are considered from different perspectives, no significant conflicts between the findings of the three audits have been identified.

4.2 General Accessibility Recommendations

Following delivery of the walking audit, cycling audit and access audit, the design team should consider all issues raised herein for inclusion into the final design. It is less costly to make the changes now, pre-construction, than later after the scheme has been commissioned.

The Client should consider setting up a dedicated access team for the scheme, responsible for the long-term management of universal access throughout the development.

This process should be facilitated by an Access Plan, which is a strategy for improving accessibility developed from the Audit and can ensure that access is an on-going concern and help identify opportunities for change.

The access plan should incorporate planned maintenance programmes, a schedule of works that has been devised to take into account the priority information in the Audit, processes to allow regular updating of the Audit information and links to maintenance and management procedures.

It should also set out procedures to ensure that when opportunities for access improvement arise, they are recognised.



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Appendix E RFI Item 9 Existing 675mm dia. Surface Water Network Calculations

Project: Confey Phase 1A LRD Existing GAA Lands Sewer	Date: 06/10/2026			
	Designed by: MJC	Checked by: PD	Approved By: PD	
Report Details: Type: Junctions Storm Phase: Surface Network 2	Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SMH 1.160	Manhole	700944.008	737156.003	56.220	2.040	54.180	Circular	1.200
SMH 1.170	Manhole	700945.630	737160.587	55.850	1.679	54.171	Circular	1.200
SMH 1.180	Manhole	701006.859	737155.482	55.075	1.016	54.059	Circular	1.200
SMH 1.190	Manhole	701050.237	737151.305	55.092	1.112	53.980	Circular	1.200
SMH 1.140	Manhole	700841.344	737160.984	56.600	2.233	54.367	Circular	1.500
SMH 1.210	Manhole	701077.377	737158.421	55.330	1.409	53.921	Circular	1.500
OUTFALL	Manhole	701091.500	737156.817	55.000	1.350	53.650	Circular	1.200
SMH 1.130	Manhole	700841.454	737170.092	56.650	2.267	54.383	Circular	1.500
SMH 1.200	Manhole	701070.296	737148.763	55.110	1.167	53.943	Circular	1.500
SMH 1.150	Manhole	700893.258	737158.484	56.250	1.978	54.272	Circular	1.500

Name	Lock
SMH 1.160	None
SMH 1.170	None
SMH 1.180	None
SMH 1.190	None
SMH 1.140	None
SMH 1.210	None
OUTFALL	None
SMH 1.130	None
SMH 1.200	None
SMH 1.150	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SMH 1.160	Inlet	SMH 1.150-SMH 1.160 Catchment Area (2)	(None)	No Restriction
SMH 1.170	Inlet	SMH 1.160-SMH 1.170	(None)	No Restriction
	Inlet (1)	7905.39m - 1.004	(None)	No Restriction
SMH 1.180	Inlet	5636.55m - 1.005 SMH 1.170-SMH 1.180	(None)	No Restriction
	Inlet (1)	Catchment Area (3)	(None)	No Restriction
SMH 1.190	Inlet	SMH 1.180-SMH 1.190 3520.35m - 1.006	(None)	No Restriction
	Inlet (1)	Catchment Area (4)	(None)	No Restriction
SMH 1.140	Inlet	SMH 1.130-SMH 1.140	(None)	No Restriction
SMH 1.210	Inlet	SMH 1.200-SMH 1.210	(None)	No Restriction
OUTFALL	Inlet	SMH 1.210-OUTFALL	(None)	No Restriction
SMH 1.130	Inlet	2174.14m - 1.000	(None)	No Restriction
	Inlet (1)	Qbar_Subject Site	(None)	No Restriction
SMH 1.200	Inlet	SMH 1.190-SMH 1.200	(None)	No Restriction
SMH 1.150	Inlet	SMH 1.140-SMH 1.150	(None)	No Restriction
	Inlet (1)	Catchment Area	(None)	No Restriction
	Inlet (2)	Catchment Area (1)	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SMH 1.160	Outlet	SMH 1.160-SMH 1.170	Free Discharge
SMH 1.170	Outlet	SMH 1.170-SMH 1.180	Free Discharge
SMH 1.180	Outlet	SMH 1.180-SMH 1.190	Free Discharge
SMH 1.190	Outlet	SMH 1.190-SMH 1.200	Free Discharge
SMH 1.140	Outlet	SMH 1.140-SMH 1.150	Free Discharge
SMH 1.210	Outlet	SMH 1.210-OUTFALL	Free Discharge
SMH 1.130	Outlet	SMH 1.130-SMH 1.140	Free Discharge
SMH 1.200	Outlet	SMH 1.200-SMH 1.210	Free Discharge
SMH 1.150	Outlet	SMH 1.150-SMH 1.160	Free Discharge

Project: Confey Phase 1A LRD Existing GAA Lands Sewer	Date: 06/10/2026			
	Designed by: MJC	Checked by: PD	Approved By: PD	
Report Details: Type: Connections Storm Phase: Surface Network 2	Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			

Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
SMH 1.130-SMH 1.140	9.108	Pipe	548.687		0.6	675	56.650	54.383
SMH 1.140-SMH 1.150	51.975	Pipe	549.998		0.6	675	56.600	54.367
SMH 1.160-SMH 1.170	4.862	Pipe	552.545		0.6	675	56.220	54.180
SMH 1.180-SMH 1.190	43.578	Pipe	549.536		0.6	675	55.075	54.059
SMH 1.210-OUTFALL	14.213	Pipe	52.350		0.6	675	55.330	53.921
SMH 1.200-SMH 1.210	11.977	Pipe	549.381		0.6	675	55.110	53.943
SMH 1.190-SMH 1.200	20.220	Pipe	550.943		0.6	675	55.092	53.980
SMH 1.170-SMH 1.180	61.441	Pipe	550.057		0.6	675	55.850	54.171
SMH 1.150-SMH 1.160	50.810	Pipe	549.895		0.6	675	56.250	54.272

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Lock	Wall Thickness (mm)	Material	Trench Width (mm)	Bedding Material	Surrounding Material
SMH 1.130-SMH 1.140	56.600	54.367	None	0		0		
SMH 1.140-SMH 1.150	56.250	54.272	None	0		0		
SMH 1.160-SMH 1.170	55.850	54.171	None	0		0		
SMH 1.180-SMH 1.190	55.092	53.980	None	0		0		
SMH 1.210-OUTFALL	55.000	53.650	None	0		0		
SMH 1.200-SMH 1.210	55.330	53.921	None	0		0		
SMH 1.190-SMH 1.200	55.110	53.943	None	0		0		
SMH 1.170-SMH 1.180	55.075	54.059	None	0		0		
SMH 1.150-SMH 1.160	56.220	54.180	None	0		0		

Project: Confey Phase 1A LRD Existing GAA Lands Sewer		Date: 06/10/2026		 DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS
		Designed by:	Checked by:	
		MJC	PD	
Report Details: Type: Inflow Summary Storm Phase: Surface Network 2		Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
2174.14m - 1.000	SMH 1.130		Time of Concentration	0.217	80	0	80	0.174
3520.35m - 1.006	SMH 1.190		Time of Concentration	0.182	80	0	80	0.146
5636.55m - 1.005	SMH 1.180		Time of Concentration	0.292	80	0	80	0.233
7905.39m - 1.004	SMH 1.170		Time of Concentration	0.401	80	0	80	0.321
Catchment Area	SMH 1.150		Time of Concentration	0.477	80	0	80	0.382
Catchment Area (1)	SMH 1.150		Time of Concentration	0.353	10	0	10	0.035
Catchment Area (2)	SMH 1.160		Time of Concentration	0.389	10	0	10	0.039
Catchment Area (3)	SMH 1.180		Time of Concentration	0.273	10	0	10	0.027
Catchment Area (4)	SMH 1.190		Time of Concentration	0.171	10	0	10	0.017
Qbar_Subject Site	SMH 1.130	22.6						
TOTAL		22.6		2.756				1.374

Project: Confey Phase 1A LRD Existing GAA Lands Sewer	Date: 06/10/2026			
	Designed by: MJC	Checked by: PD	Approved By: PD	
Report Details: Type: Network Design Criteria Storm Phase: Surface Network 2	Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Inverts
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☐

Pipe Size Library

Add. Increment (mm)	75
Max. Diameter (mm)	0

Diameter (mm)	Min. Slope (1:X)	Max. Slope (1:X)
0	0.00	0.00

Project: Confey Phase 1A LRD Existing GAA Lands Sewer	Date: 06/10/2026			 
	Designed by: MJC	Checked by: PD	Approved By: PD	
Report Details: Type: Network Design Criteria Storm Phase: Surface Network 2	Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			

Manhole Options

Apply Offset

☐

Manhole Size Library

Diameter / Width

Connection (mm)	Diameter / Length (m)	Width (m)
0	0.002	0.000

Additional Sizing

Connection (mm)	0
Diameter / Length (m)	0.001
Width (m)	0.000

Depth

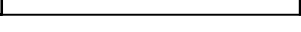
Depth (m)	Diameter / Length (m)	Width (m)
0.000	0.001	0.000
0.002	0.001	0.000

Access

Depth (m)	Ladder Protrusion (mm)
0.000	130
3.000	230

Benching Requirements

Landing Width (mm)	500
Benching Width (mm)	225

Project: Confey Phase 1A LRD Existing GAA Lands Sewer	Date: 06/10/2026			 
	Designed by: MJC	Checked by: PD	Approved By: PD	
Report Title: Rainfall Analysis Criteria	Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			 

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Project: Confey Phase 1A LRD Existing GAA Lands Sewer		Date: 06/10/2026			 DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS
		Designed by:	Checked by:	Approved By:	
		MJC	PD	PD	
Report Details: Type: Junctions Summary Storm Phase: Surface Network 2		Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			



Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SMH 1.160	FSR: 100 years: +30 %: 15 mins: Summer	56.22 0	54.18 0	54.926	0.746	222.9	0.844	0.000	226.4	191.529	Surcharged
SMH 1.170	FSR: 100 years: +30 %: 15 mins: Summer	55.85 0	54.17 1	54.919	0.748	378.8	0.846	0.000	350.8	269.540	Surcharged
SMH 1.180	FSR: 100 years: +30 %: 15 mins: Summer	55.07 5	54.05 9	54.786	0.726	498.8	0.822	0.000	471.4	331.613	Surcharged
SMH 1.190	FSR: 100 years: +30 %: 15 mins: Summer	55.09 2	53.98 0	54.620	0.640	563.9	0.724	0.000	547.0	370.532	OK
SMH 1.140	FSR: 100 years: +30 %: 30 mins: Summer	56.60 0	54.36 7	54.960	0.593	88.7	1.049	0.000	82.9	138.461	OK
SMH 1.210	FSR: 100 years: +30 %: 30 mins: Summer	55.33 0	53.92 1	54.289	0.367	532.3	0.649	0.000	531.2	533.723	OK
OUTFALL	FSR: 100 years: +30 %: 30 mins: Summer	55.00 0	53.65 0	53.950	0.300	531.2	0.000	0.000	531.5	533.723	OK
SMH 1.130	FSR: 100 years: +30 %: 30 mins: Summer	56.65 0	54.38 3	54.963	0.580	90.4	1.024	0.000	88.7	139.832	OK
SMH 1.200	FSR: 100 years: +30 %: 15 mins: Summer	55.11 0	53.94 3	54.444	0.501	547.0	0.885	0.000	530.9	369.723	OK
SMH 1.150	FSR: 100 years: +30 %: 30 mins: Summer	56.25 0	54.27 2	54.954	0.681	245.4	1.204	0.000	239.9	277.006	Surcharged

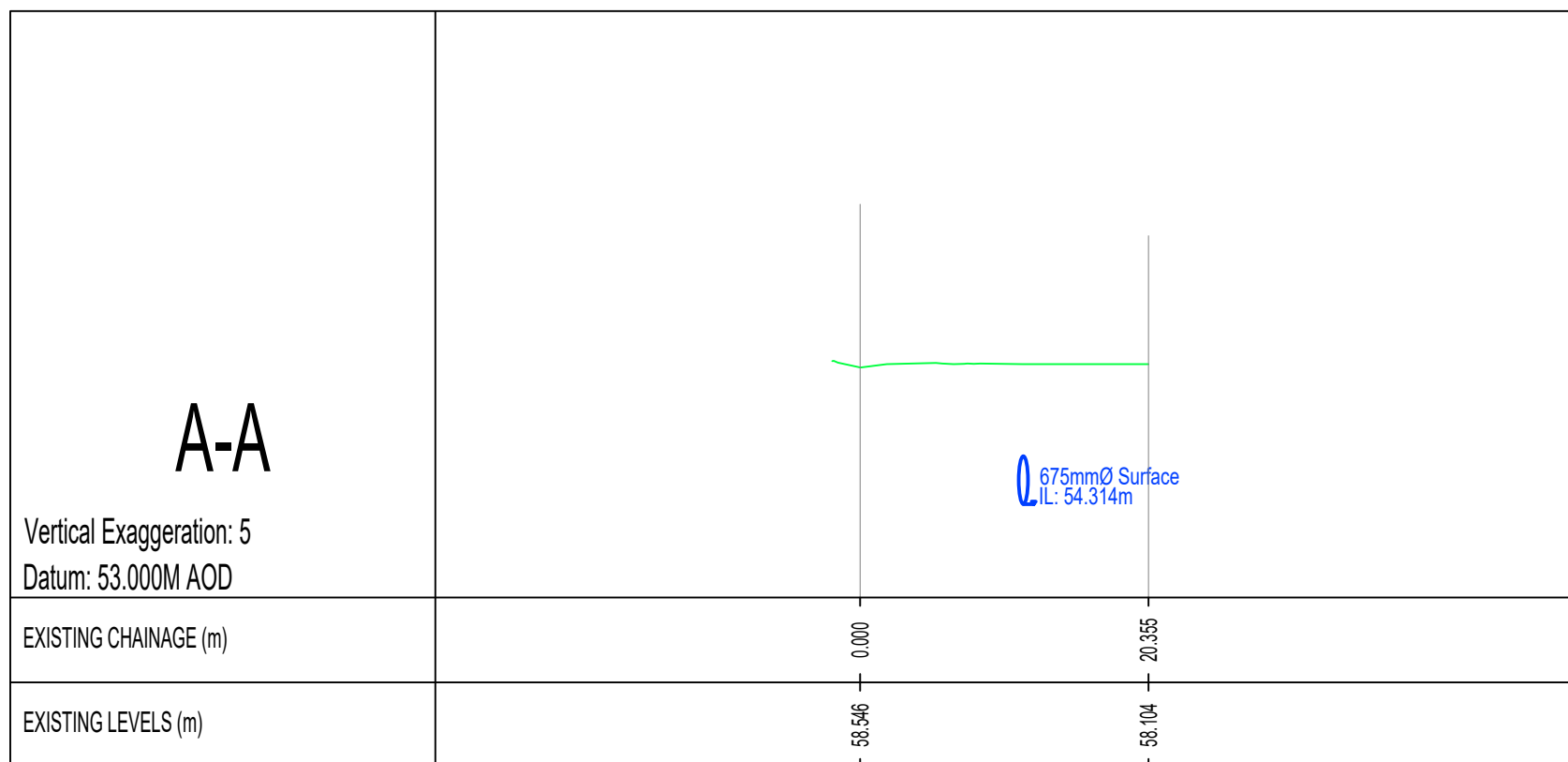
Project: Confey Phase 1A LRD Existing GAA Lands Sewer		Date: 06/10/2026			
		Designed by:	Checked by:	Approved By:	
		MJC	PD	PD	
Report Details: Type: Connections Summary Storm Phase: Surface Network 2		Donnachadh O'Brien & Associates: Unit 5C Elm House Millennium Park, Naas Co. Kildare			

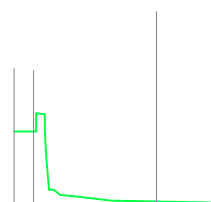


Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
SMH 1.130 -SMH 1.140	FSR: 100 years: +30 %: 15 mins: Summer	Pipe	SMH 1.130	SMH 1.140	56.650	54.917	0.540	83.470	0.6	0.27	107.7	OK
SMH 1.140 -SMH 1.150	FSR: 100 years: +30 %: 15 mins: Summer	Pipe	SMH 1.140	SMH 1.150	56.600	54.913	0.603	82.268	0.6	0.22	86.5	OK
SMH 1.160 -SMH 1.170	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.160	SMH 1.170	56.220	54.906	0.675	288.685	0.7	0.64	252.8	Surcharged
SMH 1.180 -SMH 1.190	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.180	SMH 1.190	55.075	54.760	0.663	481.188	1.3	1.19	472.7	Surcharged
SMH 1.210 -OUTFALL	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.210	OUTFALL	55.330	54.289	0.334	533.723	3.0	0.41	531.2	OK
SMH 1.200 -SMH 1.210	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.200	SMH 1.210	55.110	54.439	0.432	534.073	2.2	1.34	532.3	OK
SMH 1.190 -SMH 1.200	FSR: 100 years: +30 %: 15 mins: Summer	Pipe	SMH 1.190	SMH 1.200	55.092	54.620	0.571	370.532	1.7	1.38	547.0	OK
SMH 1.170 -SMH 1.180	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.170	SMH 1.180	55.850	54.890	0.675	395.506	1.0	0.94	375.0	Surcharged
SMH 1.150 -SMH 1.160	FSR: 100 years: +30 %: 30 mins: Summer	Pipe	SMH 1.150	SMH 1.160	56.250	54.954	0.675	277.006	0.7	0.6	239.9	Surcharged

Appendix F RFI Item 9 Long section & cross section drawing 2423-DOB-XX-SI-DR-C-1403



<p style="text-align: center; font-size: 2em; font-weight: bold;">B-B</p> <p>Vertical Exaggeration: 5 Datum: 53.000M AOD</p>	
<p>EXISTING CHAINAGE (m)</p>	<p style="text-align: center;">1000 942</p> <p style="text-align: center;">58.861 57.657</p>
<p>EXISTING LEVELS (m)</p>	<p style="text-align: center;">58.861 57.657</p>

ISSUED FOR PLANNING RFI

SZ.P01	ISSUED FOR PLANNING RFI	06.10.2026	MJC	PD
Rev.	Note	Date	Drawn	Check
		<div> UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE </div> <div> PHONE +353 45 984 042 INFO@DOBRIEN-ENGINEERS.IE WWW.DOBRIEN-ENGINEERS.IE </div>		
Client: VANISLAND LIMITED				
Project: CONFEY PHASE 1A LRD				
Drawing Title: EXISTING SW LONGITUDINAL SECTIONS GAA				
Drawn By: BB	Checked By: PD	Approved By: PD	Date: JUNE'26	Scale: 1:500
			Sheet Size: A1	
Project Number: DOBA2423	Drawing Number: 2423-DOB-XX-SI-DR-C-1403			Purpose Code: Rev Number: S2 P01

Appendix G RFI Item 9 Existing 675mm dia. sewer CCTV survey

Project

Project Name: Capethorne Confey GAA Club Surface Water Leixslip Co Kildare
October 2026

Project Description: Confey GAA Club Surface Water Leixslip

Project Number: 2002026

Project Status: Complete

Project Date: 07/10/2026

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



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Project Information

Project Name	Project Number	Project Date
Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	2002026	07/10/2026

Contractor

Company: Cleansweep
Description: Drain CCTV
Contact: Paul Lynch
Department: Drain CCTV Reports
Street: Coolatrath, The Ward
Town or City: Dublin
County: Co Dublin
Phone: (01) 8498005
Mobile: (086)2548290
Email: p.lynch62@gmail.com

Project Information

Project Name	Project Number	Project Date
Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	2002026	07/10/2026

Project Notes

Surface Water
Confey GAA Club,
Leixslip,
Co Kildare.

Scoring Summary

Project Name	Project Number	Project Date
Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	2002026	07/10/2026

Structural Defects

Item No.	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

Item No.	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Item No.	PLR	Description
All inspections complete, none are abandoned.		

Information

These scoring summaries are based on the SRM grading from the WRc.

Legend of Classification (Section)

Project Name	Project Number	Project Date
Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	2002026	07/10/2026
<p>1: Brick: No deformation. Minor structural defects.</p> <p>Rigid Pipes: No deformation. Minor structural defects, i.e. open or displaced joints without additional characteristics.</p> <p>Flexible Pipes: Deformation $\leq 5\%$.</p> <p>Acceptable structural condition.</p>		
<p>2: Brick: Deformation $\leq 5\%$. Circumferential cracking. Single longitudinal crack. Surface mortar loss (depth missing < 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Rigid Pipes: Deformation $\leq 5\%$. Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Flexible Pipes: Deformation $\leq 10\%$.</p> <p>Minimal collapse likelihood in the short term but potential for further deterioration.</p>		
<p>3: Brick: Deformation $> 5\%$. Total mortar loss (depth missing > 50 mm) without other defects. More than one longitudinal crack (at a single location). Multiple cracking. Single bricks displaced. No fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing).</p> <p>Rigid Pipes: Fractures. Longitudinal cracking or multiple cracking. Minor loss of level. Severe joint defects. Surface damage - spalling medium. Surface damage - wear medium.</p> <p>Flexible Pipes: Deformation $\leq 20\%$.</p> <p>Collapse unlikely in the near future but further deterioration likely.</p>		
<p>4: Brick: Total mortar loss (depth missing > 50 mm) or fractured. Displaced/hanging brickwork. Small number of missing bricks. Dropped invert (drop > 20 mm). Moderate loss of level. Surface damage - spalling large (entire surface of brick is missing). Surface damage - wear large (entire surface of brick missing).</p> <p>Rigid Pipes: Broken. Deformation $\leq 10\%$ and fractured. Multiple fracture. Serious loss of level. Serious joint defects with voids or soil visible (open joint with > 50mm soil or void visible or joint displacement $> 25\%$ of diameter). Surface damage - spalling large. Surface damage - wear large.</p> <p>Flexible Pipes: Deformation $\leq 33\%$.</p> <p>Collapse likely in the foreseeable future.</p>		
<p>5: Brick: Already collapsed. Missing invert. Fractured. Displaced/hanging brickwork. Extensive areas of missing brickwork.</p> <p>Rigid Pipes: Already collapsed. Deformation $> 10\%$ and broken or fractured.</p> <p>Flexible Pipes: Deformation $> 33\%$.</p> <p>Collapsed or collapse imminent.</p>		

Legend of Classification (Node)

Project Name	Project Number	Project Date
Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	2002026	07/10/2026
<p>1: Brick: No deformation. Minor structural defects.</p> <p>Rigid Structures: No deformation. Minor structural defects, i.e. open or displaced joints without additional characteristics.</p> <p>Flexible Structures: Deformation $\leq 5\%$.</p> <p>Acceptable structural condition.</p>		
<p>2: Brick: Deformation $\leq 5\%$. Horizontal cracking. Single vertical crack. Surface mortar loss (depth missing < 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Rigid Structures: Deformation $\leq 5\%$. Horizontal cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Flexible Structures: Deformation $\leq 10\%$.</p> <p>Minimal collapse likelihood in the short term but potential for further deterioration.</p>		
<p>3: Brick: Deformation $> 5\%$. Total mortar loss (depth missing > 50 mm) without other defects. More than one vertical crack (at a single location). Multiple cracking. Single bricks displaced. No fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing).</p> <p>Rigid Structures: Fractures. Vertical cracking or multiple cracking. Minor loss of level. Severe joint defects. Surface damage - spalling medium. Surface damage - wear medium.</p> <p>Flexible Structures: Deformation $\leq 20\%$.</p> <p>Collapse unlikely in the near future but further deterioration likely.</p>		
<p>4: Brick: Total mortar loss (depth missing > 50 mm) or fractured. Displaced/hanging brickwork. Small number of missing bricks. Dropped invert (drop > 20 mm). Moderate loss of level. Surface damage - spalling large (entire surface of brick is missing). Surface damage - wear large (entire surface of brick missing).</p> <p>Rigid Structures: Broken. Deformation $\leq 10\%$ and fractured. Multiple fracture. Serious loss of level. Serious joint defects with voids or soil visible (open joint with > 50mm soil or void visible or joint displacement $> 25\%$ of diameter). Surface damage - spalling large. Surface damage - wear large.</p> <p>Flexible Structures: Deformation $\leq 33\%$.</p> <p>Collapse likely in the foreseeable future.</p>		
<p>5: Brick: Already collapsed. Missing invert. Fractured. Displaced/hanging brickwork. Extensive areas of missing brickwork.</p> <p>Rigid Structures: Already collapsed. Deformation $> 10\%$ and broken or fractured.</p> <p>Flexible Structures: Deformation $> 33\%$.</p> <p>Collapsed or collapse imminent.</p>		

Section Profile

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	Project Number 2002026	Project Date 07/10/2026
---	----------------------------------	-----------------------------------

Circular, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
9	SMH1.195A	SMH1.195	07/10/2026	Confey GAA Club Surface Water	Polyvinyl chloride	2.00 m	2.00 m

Total: 1 Circular 300 mm Section, Total Length: 2.00 m, Inspected Length; 2.00 m

Circular, 675 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	SMH1.40	SMH1.140A	07/10/2026	Confey GAA Club Surface Water	Concrete	33.70 m	33.70 m
2	SMH1.130	SMH1.140	07/10/2026	Confey GAA Club Surface Water	Concrete	4.10 m	4.10 m
3	SMH1.140A	SMH1.150	07/10/2026	Confey GAA Club Surface Water	Concrete	19.30 m	19.30 m
4	SMH1.150	SMH1.160	07/10/2026	Confey GAA Club Surface Water	Concrete	44.20 m	44.20 m
5	SMH1.160	SMH1.170	07/10/2026	Confey GAA Club Surface Water	Concrete	4.60 m	4.60 m
6	SMH1.170	SMH1.180	07/10/2026	Confey GAA Club Surface Water	Concrete	64.20 m	64.20 m
7	SMH1.180	SMH1.190	07/10/2026	Confey GAA Club Surface Water	Concrete	43.30 m	43.30 m
8	SMH1.190	SMH1.195	07/10/2026	Confey GAA Club Surface Water	Concrete	21.60 m	21.60 m
10	SMH1.195	SWMH1.200	07/10/2026	Confey GAA Club Surface Water	Concrete	12.00 m	12.00 m
11	SMH1.200	Headwall	07/10/2026	Confey GAA Club Surface Water	Concrete	6.80 m	6.80 m

Total: 10 Circular 675 mm Sections, Total Length: 253.80 m, Inspected Length; 253.80 m

Total: 11 Sections, Total Length: 255.80 m, Inspected Length: 255.80 m

Node Profile

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	Project Number 2002026	Project Date 07/10/2026
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Manholes

Node No.	Node ID	Town or Village	Road	Node Depth	Date
1	SMH1.40				07/10/2026
2	SMH1.140A				07/10/2026
3	SMH1.130				07/10/2026
4	SMH1.140				07/10/2026
5	SMH1.150				07/10/2026
6	SMH1.160				07/10/2026
7	SMH1.170				07/10/2026
8	SMH1.180				07/10/2026
9	SMH1.190				07/10/2026
10	SMH1.195				07/10/2026
11	SMH1.195A				07/10/2026
12	SWMH1.200				07/10/2026
13	SMH1.200				07/10/2026
14	Headwall				07/10/2026

Total: 14 Manholes

Total: 14 Nodes

Section Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	Project Number 2002026	Project Date 07/10/2026
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Number of sections	11
Total length of sections	255.80 m
Total length of inspected sections	255.80 m
Total length of not inspected sections	0.00 m
Total abandoned inspections	0
Number of section inspection photos	21
Number of section inspection videos	11
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	SMH1.40X	Upstream Node:	SMH1.40
Inspection Direction:	Upstream	Downstream Node:	SMH1.140A
Inspected Length:	33.70 m	Dia/Height:	675 mm
Total Length:	33.70 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.140A
2	1.00	WL	Water level, 0% of the vertical dimension
3	11.90	REM	General remark
4	20.80	GP	General photograph taken at this point
5	33.70	MHF	Finish node, manhole, reference: SMH1.40

PLR:	SMH1.130X	Upstream Node:	SMH1.130
Inspection Direction:	Upstream	Downstream Node:	SMH1.140
Inspected Length:	4.10 m	Dia/Height:	675 mm
Total Length:	4.10 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.140
2	1.00	WL	Water level, 0% of the vertical dimension
3	3.40	REM	General remark
4	4.10	MHF	Finish node, manhole, reference: SMH1.130

PLR:	SMH1.140AX	Upstream Node:	SMH1.140A
Inspection Direction:	Upstream	Downstream Node:	SMH1.150
Inspected Length:	19.30 m	Dia/Height:	675 mm
Total Length:	19.30 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.150
2	1.00	WL	Water level, 5% of the vertical dimension

Section Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	Project Number 2002026	Project Date 07/10/2026
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No.	m+	Code	Observation
3	10.60	REM	General remark
4	19.30	MHF	Finish node, manhole, reference: SMH1.140A

PLR:	SMH1.150X	Upstream Node:	SMH1.150
Inspection Direction:	Upstream	Downstream Node:	SMH1.160
Inspected Length:	44.20 m	Dia/Height:	675 mm
Total Length:	44.20 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.160
2	1.00	WL	Water level, 5% of the vertical dimension
3	20.10	GP	General photograph taken at this point
4	40.30	GP	General photograph taken at this point
5	44.20	MHF	Finish node, manhole, reference: SMH1.150

PLR:	SMH1.160X	Upstream Node:	SMH1.160
Inspection Direction:	Upstream	Downstream Node:	SMH1.170
Inspected Length:	4.60 m	Dia/Height:	675 mm
Total Length:	4.60 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.170
2	1.00	WL	Water level, 5% of the vertical dimension
3	4.60	MHF	Finish node, manhole, reference: SMH1.160

PLR:	SMH1.170X	Upstream Node:	SMH1.170
Inspection Direction:	Downstream	Downstream Node:	SMH1.180
Inspected Length:	64.20 m	Dia/Height:	675 mm
Total Length:	64.20 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.170
2	1.00	WL	Water level, 5% of the vertical dimension
3	20.10	GP	General photograph taken at this point
4	40.40	GP	General photograph taken at this point
5	59.10	REM	General remark
6	60.60	GP	General photograph taken at this point
7	64.20	MHF	Finish node, manhole, reference: SMH1.180

PLR:	SMH1.180X	Upstream Node:	SMH1.180
Inspection Direction:	Downstream	Downstream Node:	SMH1.190
Inspected Length:	43.30 m	Dia/Height:	675 mm
Total Length:	43.30 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.180
2	1.00	WL	Water level, 5% of the vertical dimension
3	20.00	GP	General photograph taken at this point
4	40.30	GP	General photograph taken at this point
5	43.30	MHF	Finish node, manhole, reference: SMH1.190

Section Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare	Project Number 2002026	Project Date 07/10/2026
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PLR:	SMH1.190X	Upstream Node:	SMH1.190
Inspection Direction:	Downstream	Downstream Node:	SMH1.195
Inspected Length:	21.60 m	Dia/Height:	675 mm
Total Length:	21.60 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.190
2	1.00	WL	Water level, 0% of the vertical dimension
3	20.10	GP	General photograph taken at this point
4	21.60	MHF	Finish node, manhole, reference: SMH1.195

PLR:	SMH1.195AX	Upstream Node:	SMH1.195A
Inspection Direction:	Downstream	Downstream Node:	SMH1.195
Inspected Length:	2.00 m	Dia/Height:	300 mm
Total Length:	2.00 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.195A
2	1.00	WL	Water level, 0% of the vertical dimension
3	2.00	MHF	Finish node, manhole, reference: SMH1.195

PLR:	SMH1.195X	Upstream Node:	SMH1.195
Inspection Direction:	Downstream	Downstream Node:	SWMH1.200
Inspected Length:	12.00 m	Dia/Height:	675 mm
Total Length:	12.00 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.195
2	1.00	WL	Water level, 5% of the vertical dimension
3	12.00	MHF	Finish node, manhole, reference: SWMH1.200

PLR:	SMH1.200X	Upstream Node:	SMH1.200
Inspection Direction:	Downstream	Downstream Node:	Headwall
Inspected Length:	6.80 m	Dia/Height:	675 mm
Total Length:	6.80 m	Material:	Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: SMH1.200
2	1.00	WL	Water level, 5% of the vertical dimension
3	6.80	MHF	Finish node, manhole, reference: Headwall

Project Summary

Project Name Capethorne Confey GAA Club Surface Water Leixlip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	SMH1.40X	SMH1.40	SMH1.140A	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	33.70 m
2	SEC	SMH1.130X	SMH1.130	SMH1.140	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	4.10 m
3	SEC	SMH1.140AX	SMH1.140A	SMH1.150	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	19.30 m
4	SEC	SMH1.150X	SMH1.150	SMH1.160	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	44.20 m
5	SEC	SMH1.160X	SMH1.160	SMH1.170	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	4.60 m
6	SEC	SMH1.170X	SMH1.170	SMH1.180	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	64.20 m
7	SEC	SMH1.180X	SMH1.180	SMH1.190	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	43.30 m
8	SEC	SMH1.190X	SMH1.190	SMH1.195	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	21.60 m
9	SEC	SMH1.195AX	SMH1.195A	SMH1.195	Confey Gaa Club Surface Water	Leixlip	S	PVC	Circular 300mm	2.00 m
10	SEC	SMH1.195X	SMH1.195	SWMH1.200	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	12.00 m
11	SEC	SMH1.200X	SMH1.200	HEADWALL	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	6.80 m
Total:										255.80 m

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	SMH1.40X	SMH1.40			0.000 m	SMH1.140A			0.000 m
2	SMH1.130X	SMH1.130			0.000 m	SMH1.140			0.000 m
3	SMH1.140AX	SMH1.140A			0.000 m	SMH1.150			0.000 m
4	SMH1.150X	SMH1.150			0.000 m	SMH1.160			0.000 m

Project Summary

Project Name Capethorne Confey GAA Club Surface Water Leixlip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
5	SMH1.160X	SMH1.160			0.000 m	SMH1.170			0.000 m
6	SMH1.170X	SMH1.170			0.000 m	SMH1.180			0.000 m
7	SMH1.180X	SMH1.180			0.000 m	SMH1.190			0.000 m
8	SMH1.190X	SMH1.190			0.000 m	SMH1.195			0.000 m
9	SMH1.195AX	SMH1.195A			0.000 m	SMH1.195			0.000 m
10	SMH1.195X	SMH1.195			0.000 m	SWMH1.200			0.000 m
11	SMH1.200X	SMH1.200			0.000 m	HEADWALL			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 300mm	2.00 m	
Circular 300mm =	2.00 m	1
Circular 675mm	33.70 m	
Circular 675mm	4.10 m	
Circular 675mm	19.30 m	
Circular 675mm	44.20 m	
Circular 675mm	4.60 m	
Circular 675mm	64.20 m	
Circular 675mm	43.30 m	
Circular 675mm	21.60 m	
Circular 675mm	12.00 m	
Circular 675mm	6.80 m	
Circular 675mm =	253.80 m	10
Total =	255.80 m	11

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	SMH1.40	SMH1.140A	US	Craig	07/10/2026	11:54	1	1	MHF	33.70 m
2	1	SMH1.130	SMH1.140	US	Craig	07/10/2026	11:59	1	1	MHF	4.10 m
3	1	SMH1.140A	SMH1.150	US	Craig	07/10/2026	13:47	1	1	MHF	19.30 m
4	1	SMH1.150	SMH1.160	US	Craig	07/10/2026	13:50	1	1	MHF	44.20 m

Project Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
5	1	SMH1.160	SMH1.170	US	Craig	07/10/2026	13:53	1	1	MHF	4.60 m
6	1	SMH1.170	SMH1.180	DS	Craig	07/10/2026	13:55	1	1	MHF	64.20 m
7	1	SMH1.180	SMH1.190	DS	Craig	07/10/2026	13:59	1	1	MHF	43.30 m
8	1	SMH1.190	SMH1.195	DS	Craig	07/10/2026	14:03	1	1	MHF	21.60 m
9	1	SMH1.195A	SMH1.195	DS	Craig	07/10/2026	14:05	1	1	MHF	2.00 m
10	1	SMH1.195	SWMH1.200	DS	Craig	07/10/2026	14:21	1	1	MHF	12.00 m
11	1	SMH1.200	HEADWALL	DS	Craig	07/10/2026	14:23	1	1	MHF	6.80 m

Total: 255.80 m

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 300mm	2.00 m	
Circular 300mm =	2.00 m	1
Circular 675mm	33.70 m	
Circular 675mm	4.10 m	
Circular 675mm	19.30 m	
Circular 675mm	44.20 m	
Circular 675mm	4.60 m	
Circular 675mm	64.20 m	
Circular 675mm	43.30 m	
Circular 675mm	21.60 m	
Circular 675mm	12.00 m	
Circular 675mm	6.80 m	
Circular 675mm =	253.80 m	10
Total =	255.80 m	11

Project Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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Defect Summary				CCTV Drainage Survey Observation Count																				
				General				Structural Condition								Service Condition						Misc		
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviation
1	1	SMH1.40	SMH1.140A	33.7																			1	
2	1	SMH1.130	SMH1.140	4.1																			1	
3	1	SMH1.140A	SMH1.150	19.3																			1	
4	1	SMH1.150	SMH1.160	44.2																			1	
5	1	SMH1.160	SMH1.170	4.6																			1	
6	1	SMH1.170	SMH1.180	64.2																			1	
7	1	SMH1.180	SMH1.190	43.3																			1	
8	1	SMH1.190	SMH1.195	21.6																			1	
9	1	SMH1.195A	SMH1.195	2.0																			1	
10	1	SMH1.195	SWMH1.200	12.0																			1	
11	1	SMH1.200	HEADWALL	6.8																			1	
Total:				255.8																			11	

Cleaning Summary

Project Name Capethorne Confey GAA Club Surface Water Leixlip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	SMH1.40X	SMH1.40	SMH1.140A	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	33.70 m
2	SEC	SMH1.130X	SMH1.130	SMH1.140	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	4.10 m
3	SEC	SMH1.140AX	SMH1.140A	SMH1.150	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	19.30 m
4	SEC	SMH1.150X	SMH1.150	SMH1.160	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	44.20 m
5	SEC	SMH1.160X	SMH1.160	SMH1.170	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	4.60 m
6	SEC	SMH1.170X	SMH1.170	SMH1.180	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	64.20 m
7	SEC	SMH1.180X	SMH1.180	SMH1.190	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	43.30 m
8	SEC	SMH1.190X	SMH1.190	SMH1.195	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	21.60 m
9	SEC	SMH1.195AX	SMH1.195A	SMH1.195	Confey Gaa Club Surface Water	Leixlip	S	PVC	Circular 300mm	2.00 m
10	SEC	SMH1.195X	SMH1.195	SWMH1.200	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	12.00 m
11	SEC	SMH1.200X	SMH1.200	HEADWALL	Confey Gaa Club Surface Water	Leixlip	S	CO	Circular 675mm	6.80 m

Total: 255.80 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 300mm	2.00 m	
Circular 300mm =	2.00 m	1
Circular 675mm	33.70 m	
Circular 675mm	4.10 m	
Circular 675mm	19.30 m	
Circular 675mm	44.20 m	

Cleaning Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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Profile		Total Length	No. Pipes
Circular 675mm		4.60 m	
Circular 675mm		64.20 m	
Circular 675mm		43.30 m	
Circular 675mm		21.60 m	
Circular 675mm		12.00 m	
Circular 675mm		6.80 m	
Circular 675mm	=	253.80 m	10
Total	=	255.80 m	11

Cleaning Summary

Pipe No.	Cln. No.	Dir.	Operator	Cln. Date	Cln. Time	Method	Contamination	Scale	No. Clns	Complete	Comments	Cln. Length
1	1	US	Craig	07/10/2026	11:54	Y				Yes		33.70 m
2	1	US	Craig	07/10/2026	11:59	Y				Yes		4.10 m
3	1	US	Craig	07/10/2026	13:47	Y				Yes		19.30 m
4	1	US	Craig	07/10/2026	13:50	Y				Yes		44.20 m
5	1	US	Craig	07/10/2026	13:53	Y				Yes		4.60 m
6	1	DS	Craig	07/10/2026	13:55	Y				Yes		64.20 m
7	1	DS	Craig	07/10/2026	13:59	Y				Yes		43.30 m
8	1	DS	Craig	07/10/2026	14:03	Y				Yes		21.60 m
9	1	DS	Craig	07/10/2026	14:05	Y				Yes		2.00 m
10	1	DS	Craig	07/10/2026	14:21	Y				Yes		12.00 m
11	1	DS	Craig	07/10/2026	14:23	Y				Yes		6.80 m

Total: **255.80 m**

Cleaning Summary by Profile

Profile		Total Length	No. Cleans
Circular 300mm		2.00 m	
Circular 300mm	=	2.00 m	1
Circular 675mm		33.70 m	
Circular 675mm		4.10 m	
Circular 675mm		19.30 m	

Cleaning Summary

Project Name Capethorne Confey GAA Club Surface Water Leixslip Co Kildare October 2026	Project Number 2002026	Project Date 07/10/2026
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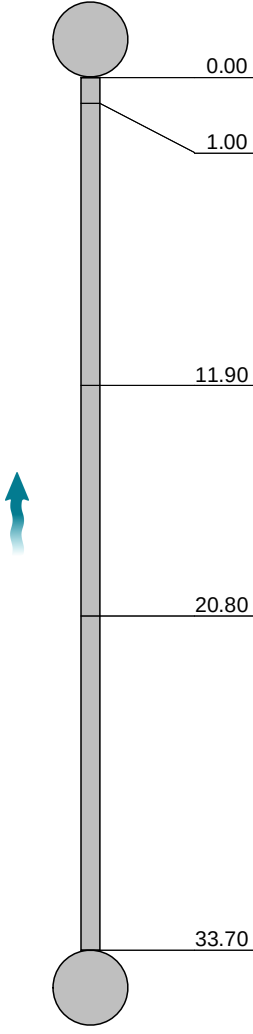
Profile		Total Length	No. Cleans
Circular 675mm		44.20 m	
Circular 675mm		4.60 m	
Circular 675mm		64.20 m	
Circular 675mm		43.30 m	
Circular 675mm		21.60 m	
Circular 675mm		12.00 m	
Circular 675mm		6.80 m	
Circular 675mm	=	253.80 m	10
Total	=	255.80 m	11

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	07/10/26	11:54	Not Specified	No Rain Or Snow	Yes	SMH1.40X
Operator Craig		Vehicle Van 1		Camera Camera 1	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Leixlip	Inspection Direction:	Upstream	Upstream Node:	SMH1.40
Road:	Confey Gaa Club Surface Water	Inspected Length:	33.70 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	33.70 m	Downstream Node:	SMH1.140A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:292	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SMH1.140A						
						
	0.00	MH	Start node, manhole, reference: SMH1.140A	00:00:00		
	1.00	WL	Water level, 0% of the vertical dimension	00:00:00		
	11.90	REM	General remark: Scrape damage visible	00:01:26		
	20.80	GP	General photograph taken at this point: Condition Photo	00:02:26		
	33.70	MHF	Finish node, manhole, reference: SMH1.40	00:03:53		
SMH1.40 Depth: m						

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.40X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	SMH1.40X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.140A



2, 00:01:26, 11.90 m
General remark, Scrape damage visible



3, 00:02:26, 20.80 m
General photograph taken at this point, Condition Photo

Section Pictures - 10/7/2026 - SMH1.130X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	SMH1.130X		



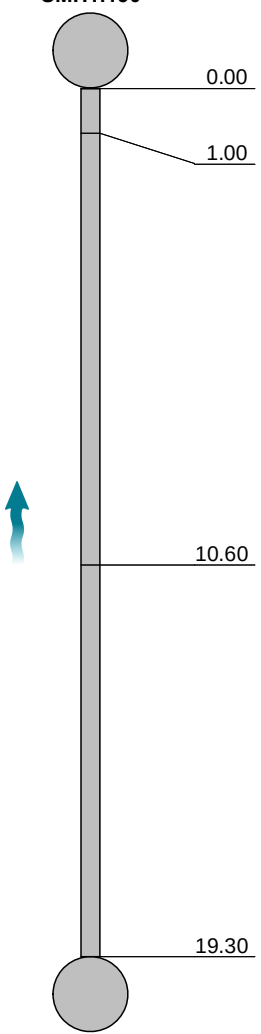
1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.140

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	07/10/26	13:47	Not Specified	No Rain Or Snow	Yes	SMH1.140AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Upstream	Upstream Node:	SMH1.140A
Road:	Confey Gaa Club Surface Water	Inspected Length:	19.30 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	19.30 m	Downstream Node:	SMH1.150
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:168	Position [m]	Code	Observation	MPEG	Photo	Grade
<div> <p>Depth: m</p> <p>SMH1.150</p>  </div>							
		0.00	MH	Start node, manhole, reference: SMH1.150	00:00:00		
		1.00	WL	Water level, 5% of the vertical dimension	00:00:00		
		10.60	REM	General remark: Scrape visible at 1 o'clock	00:01:23		
		19.30	MHF	Finish node, manhole, reference: SMH1.140A	00:02:37		
<p>SMH1.140A Depth: m</p>							

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.140AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	SMH1.140AX		



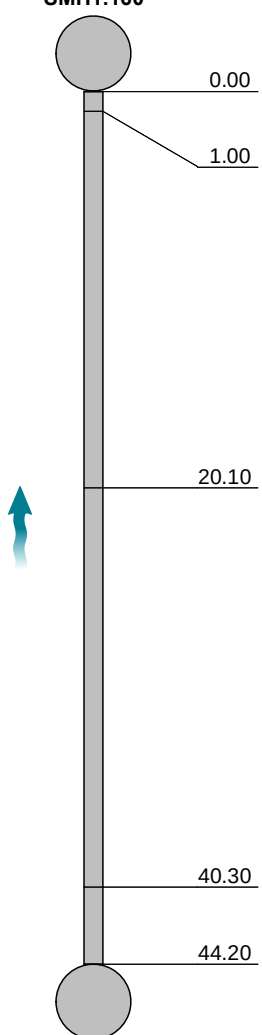
1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.150

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	07/10/26	13:50	Not Specified	No Rain Or Snow	Yes	SMH1.150X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Upstream	Upstream Node:	SMH1.150
Road:	Confey Gaa Club Surface Water	Inspected Length:	44.20 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	44.20 m	Downstream Node:	SMH1.160
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:383	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>SMH1.160</div><div></div></div></div>							
		0.00	MH	Start node, manhole, reference: SMH1.160	00:00:00		
		1.00	WL	Water level, 5% of the vertical dimension	00:00:00		
		20.10	GP	General photograph taken at this point: Condition Photo	00:02:10		
		40.30	GP	General photograph taken at this point: Condition Photo	00:04:22		
		44.20	MHF	Finish node, manhole, reference: SMH1.150	00:04:52		

Section Pictures - 10/7/2026 - SMH1.150X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	SMH1.150X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.160



2, 00:02:10, 20.10 m
General photograph taken at this point, Condition Photo



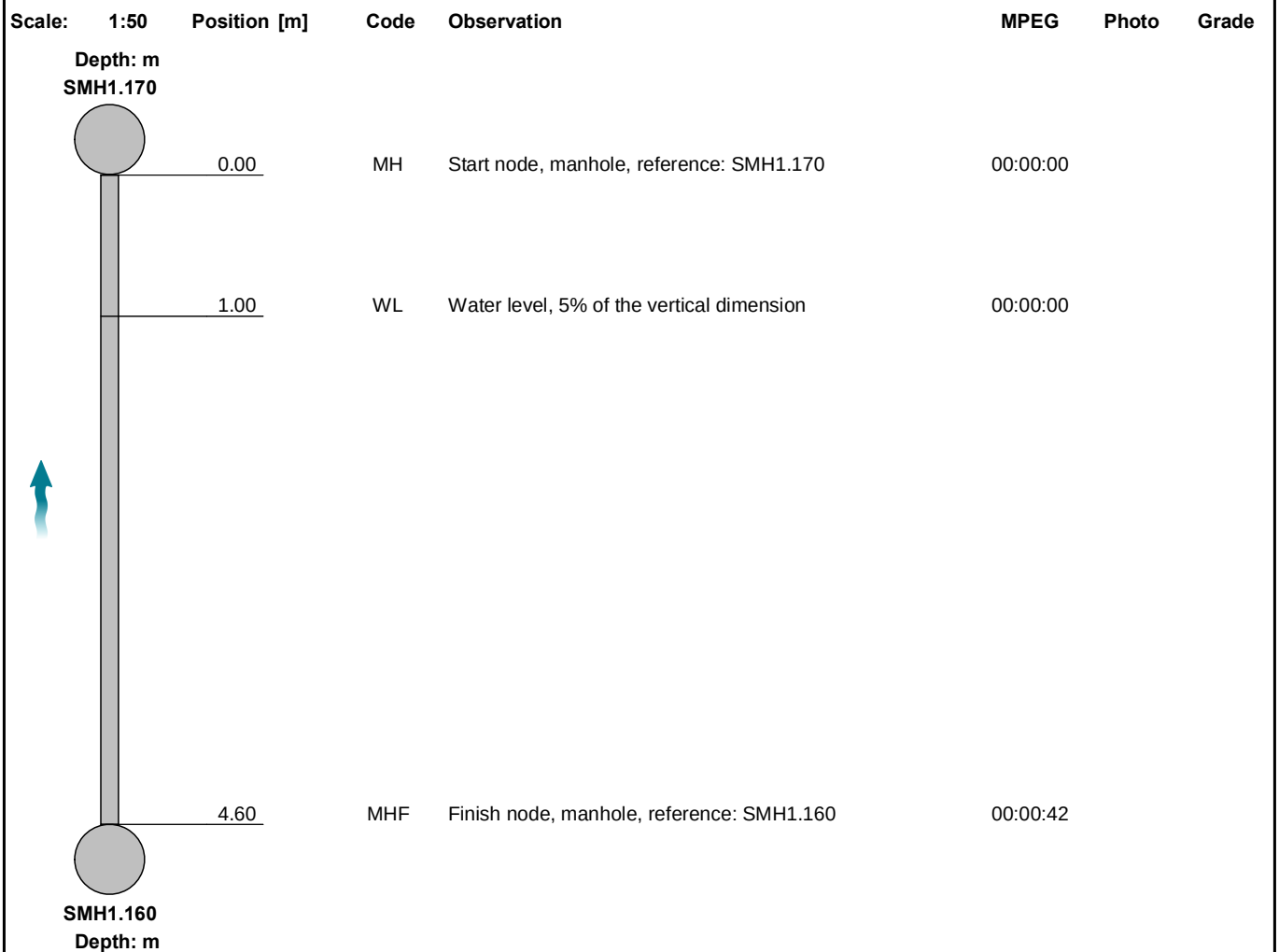
3, 00:04:22, 40.30 m
General photograph taken at this point, Condition Photo

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	07/10/26	13:53	Not Specified	No Rain Or Snow	Yes	SMH1.160X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Upstream	Upstream Node:	SMH1.160
Road:	Confey Gaa Club Surface Water	Inspected Length:	4.60 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	4.60 m	Downstream Node:	SMH1.170
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:



STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.160X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	SMH1.160X		



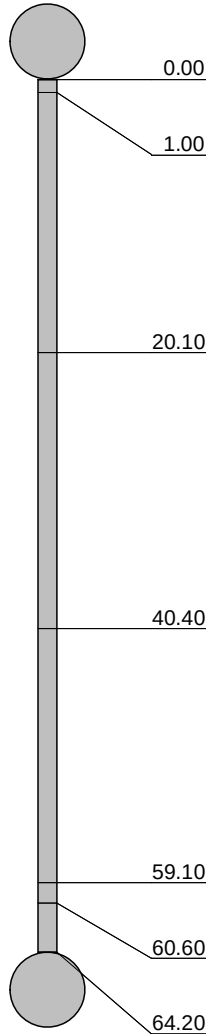
1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.170

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
6	1	07/10/26	13:55	Not Specified	No Rain Or Snow	Yes	SMH1.170X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.170
Road:	Confey Gaa Club Surface Water	Inspected Length:	64.20 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	64.20 m	Downstream Node:	SMH1.180
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:	
Recommendations:	

Scale:	1:556	Position [m]	Code	Observation	MPEG	Photo	Grade		
<div><div><div>Depth: m</div><div>SMH1.170</div></div></div>									
		0.00	MH	Start node, manhole, reference: SMH1.170	00:00:00				
		1.00	WL	Water level, 5% of the vertical dimension	00:00:00				
		20.10	GP	General photograph taken at this point: Condition Photo	00:02:12				
		40.40	GP	General photograph taken at this point: Condition Photo	00:04:15				
		59.10	REM	General remark: Scape visible at 10 o'clock	00:06:08				
		60.60	GP	General photograph taken at this point: Condition Photo	00:06:17				
		64.20	MHF	Finish node, manhole, reference: SMH1.180	00:06:39				
<div><div>SMH1.180</div><div>Depth: m</div></div>									
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.170X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	SMH1.170X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.170



2, 00:02:12, 20.10 m
General photograph taken at this point, Condition Photo



3, 00:04:15, 40.40 m
General photograph taken at this point, Condition Photo



4, 00:06:17, 60.60 m
General photograph taken at this point, Condition Photo

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	1	07/10/26	13:59	Not Specified	No Rain Or Snow	Yes	SMH1.180X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.180
Road:	Confey Gaa Club Surface Water	Inspected Length:	43.30 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	43.30 m	Downstream Node:	SMH1.190
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:375	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>SMH1.180</div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></d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Section Pictures - 10/7/2026 - SMH1.180X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	SMH1.180X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.180



2, 00:02:01, 20.00 m
General photograph taken at this point, Condition Photo



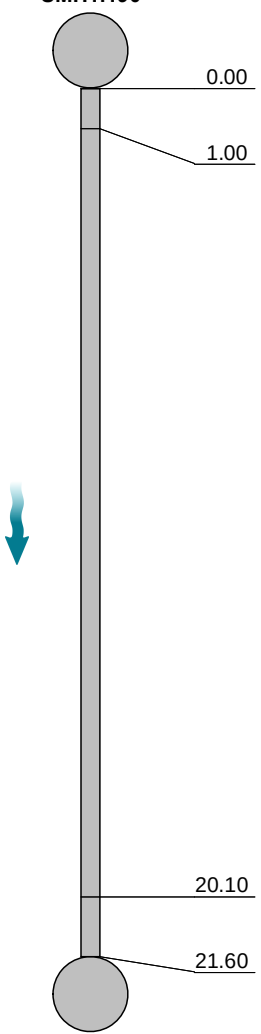
3, 00:04:08, 40.30 m
General photograph taken at this point, Condition Photo

Completed section inspection

Item No. 8	Insp. No. 1	Date 07/10/26	Time 14:03	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SMH1.190X
Operator Craig		Vehicle Van 1		Camera Camera 1	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.190
Road:	Confey Gaa Club Surface Water	Inspected Length:	21.60 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	21.60 m	Downstream Node:	SMH1.195
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:188	Position [m]	Code	Observation	MPEG	Photo	Grade
<p>Depth: m SMH1.190</p> 						
	0.00	MH	Start node, manhole, reference: SMH1.190	00:00:00		
	1.00	WL	Water level, 0% of the vertical dimension	00:00:00		
	20.10	GP	General photograph taken at this point: Condition Photo	00:01:57		
	21.60	MHF	Finish node, manhole, reference: SMH1.195	00:02:06		
<p>SMH1.195 Depth: m</p>						

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.190X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Downstream	SMH1.190X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.190



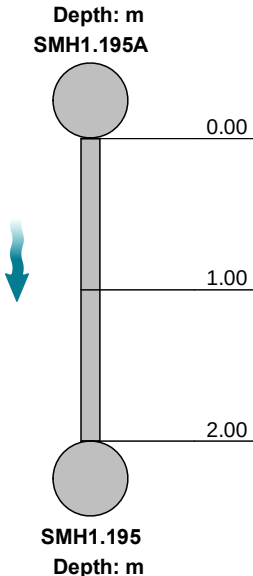
2, 00:01:57, 20.10 m
General photograph taken at this point, Condition Photo

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	07/10/26	14:05	Not Specified	No Rain Or Snow	Yes	SMH1.195AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.195A
Road:	Confey Gaa Club Surface Water	Inspected Length:	2.00 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.00 m	Downstream Node:	SMH1.195
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:		Material:	Polyvinyl chloride		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: SMH1.195A	00:00:00		
		1.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		2.00	MHF	Finish node, manhole, reference: SMH1.195	00:00:13		

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.195AX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Downstream	SMH1.195AX		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.195A

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
10	1	07/10/26	14:21	Not Specified	No Rain Or Snow	Yes	SMH1.195X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.195
Road:	Confey Gaa Club Surface Water	Inspected Length:	12.00 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	12.00 m	Downstream Node:	SWMH1.200
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:104	Position [m]	Code	Observation	MPEG	Photo	Grade
<div><div><div>Depth: m</div><div>SMH1.195</div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></d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Section Pictures - 10/7/2026 - SMH1.195X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	SMH1.195X		



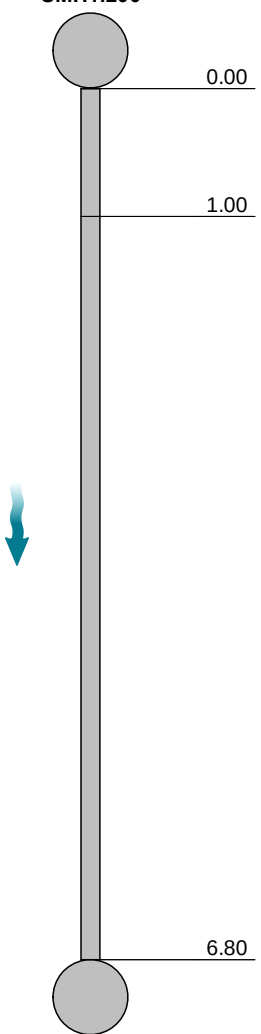
1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.195

Completed section inspection

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
11	1	07/10/26	14:23	Not Specified	No Rain Or Snow	Yes	SMH1.200X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Craig		Van 1		Camera 1	Not Specified	Public Sewer	Not Specified

Town or Village:	Leixlip	Inspection Direction:	Downstream	Upstream Node:	SMH1.200
Road:	Confey Gaa Club Surface Water	Inspected Length:	6.80 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	6.80 m	Downstream Node:	HEADWALL
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	675 mm		
Flow Control:		Material:	Concrete		
Year Constructed:	2026	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:59	Position [m]	Code	Observation	MPEG	Photo	Grade
<p>Depth: m SMH1.200</p> 							
		0.00	MH	Start node, manhole, reference: SMH1.200	00:00:00		
		1.00	WL	Water level, 5% of the vertical dimension	00:00:00		
		6.80	MHF	Finish node, manhole, reference: Headwall	00:01:06		
Headwall Depth: m							

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/7/2026 - SMH1.200X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Downstream	SMH1.200X		



1, 00:00:00, 0.00 m
Start node, manhole, reference: SMH1.200

Appendix H RFI Item 12(c) Updated Tabletop/ Ramp locations

NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2423-DOB-XX-SI-DR-S-001 & S-002
- REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS
- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
- ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
- CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
- TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

GENERAL LEGEND:

- PR. BUILDING
- PR. TRAFFICKED ROADWAY
- EX. TRAFFICKED ROADWAY TO BE RESURFACED
- PR. TABLETOP PEDESTRIAN CROSSING
- PR. ROADWAY COLOURED SURFACING (HOME ZONE & SHARED VRU FACILITIES)
- PR. EXTERNAL FOOTPATH
- PR. EXTERNAL RAISED CYCLEPATH
- PR. IN-LINE TACTILE PAVING (@ UNCONTROLLED CROSSINGS)
- PROPOSED PERPENDICULAR TACTILE PAVING (@ UNCONTROLLED CROSSINGS)
- PROPOSED CORDUROY TACTILE PAVING SURFACING (TRAMLINE AND LADDER)
- PROPOSED CORDUROY TACTILE PAVING SURFACING (LADDER) FOR PEDESTRIAN ENTERING A SHARED SURFACE
- PROPOSED TACTILE PAVING SURFACING (@ CONTROLLED)
- PROPOSED ROAD CONTOURS

ISSUED FOR PLANNING RFI

S2.P11	ISSUED FOR PLANNING RFI	06.10.2026	DF	MJC
S2.P10	ISSUED FOR PLANNING	16.06.2026	DF	MJC
S2.P09	ISSUED FOR INFORMATION	24.04.2026	DF	MJC
S2.P08	ISSUED FOR INFORMATION	10.04.2026	DF	MJC
S2.P07	ISSUED FOR INFORMATION	06.03.2026	RR	MJC
S2.P06	ISSUED FOR UE S&DA	19.02.2026	BB	MJC
S2.P05	ISSUED FOR STAGE 2 LRD APPLICATION	29.08.2025	NQ	MJC
S2.P04	ISSUED FOR INFORMATION	06.08.2025	NQ	MJC
S2.P03	ISSUED FOR INFORMATION	25.07.2025	NQ	MJC
S2.P02	ISSUED FOR INFORMATION	18.03.2025	EC	PD
S2.P01	ISSUED FOR INFORMATION	01.11.2024	MF	PD
Rev	Note	Date	Drawn	Check

DONNACHADH O'BRIEN
& ASSOCIATES CONSULTING ENGINEERS

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ELM HOUSE
MILLERSNORTH PARK
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Client:	VANISLAND LIMITED			
Project:	CONFNEY PHASE 1A LRD			
Drawing Title:	PROPOSED SITE LAYOUT			
Drawn By:	MF	Checked By:	PD	Approved By:
Project Number:	DOBA2423	Drawing Number:	2423-DOB-XX-SI-DR-C-0500	Status Code:
				Rev Number:
				P11