

AtkinsRéalis



# Road Safety Audit Stage 1

Cork City Council

17/11/2025

P3C-XXX-XXX-RP-ATK-CE-950001

# CNWQR - PHASE 3C



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# 1. Introduction

## 1.1 Background

This report describes the findings of a Stage 1 Road Safety Audit associated with the proposed Cork City Northwest Quarter Regeneration Programme Phase 3C, Co. Cork.

The scheme involves the provision of major, multi-unit housing and urban regeneration project in the Knocknaheeny and Hollyhill areas of Cork City, Ireland. This project involves the demolition of existing houses and the construction of over 600 new homes, along with social, economic, and environmental interventions.

Phases 3C is part of the phased future development plans within this scheme.

The proposed extents of Phases 3C is shown in Figure 1-1.

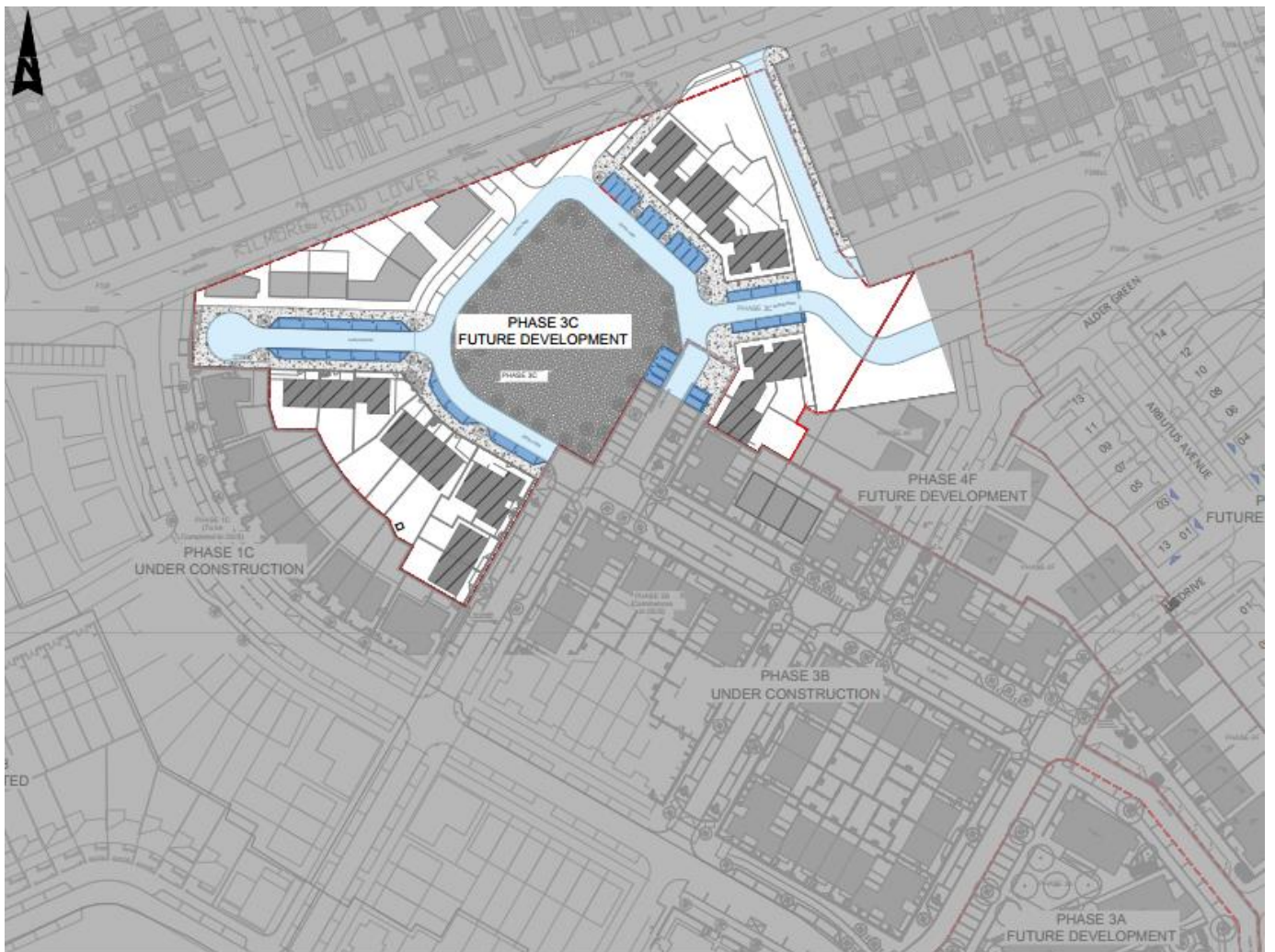


Figure 1-1 – Scheme Location

This Stage 1 Road Safety Audit was completed in November 2025 by an independent team within AtkinsRéalis on behalf of Cork City Council.

## 1.2 Site Inspection

A site inspection was undertaken on the morning on the 31<sup>st</sup> of October 2025. The weather conditions at the time of the site inspection were wet and overcast.

## 1.3 The Team

The Road Safety Audit Team members were as follows:

**Team Leader:** Eileen O'Neill PCert (RSA) CEng MIEI

**Team Member:** Rajesh Pathi MTech CEng MIEI

A copy of the TII auditor approval documentation for the audit team is included in Appendix A of this Report.

## 1.4 Observers

**Observer:** Michal Szreder MscEng CEng MIEI

## 1.5 The Design

The following planning application drawings were examined as part of the Stage 1 Road Safety Audit Process:

**Table 1-1 - Drawing List**

Drawing No.	Drawing Title	Revision
CNW P3A-ATK-ZZ-ZZ-DR-C-950700	PHASE 3A Proposed Road Pavement Layout	P01
CNW P3C-ATK-ZZ-ZZ-DR-C-950700	PHASE 3C Proposed Road Pavement Layout	P01
CNW P4F-ATK-ZZ-ZZ-DR-C-950700	PHASE 4F Proposed Road Pavement Layout	P01
CNW P3A-ATK-ZZ-ZZ-DR-C-951200	PHASE 3A Road Signs and Traffic Markings	P01
CNW P3C-ATK-ZZ-ZZ-DR-C-951200	PHASE 3C Road Signs and Traffic Markings	P01
CNW P4F-ATK-ZZ-ZZ-DR-C-951200	PHASE 4F Road Signs and Traffic Markings	P01

## 1.6 Previous Audits

No Previous Road Safety Audits were carried out on Phases 3C.

## 1.7 Road Safety Audit Compliance

### 1.7.1 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.



## **1.7.2 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.

## **1.7.3 Minimising 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.

## **1.8 Road Safety Collision Analysis**

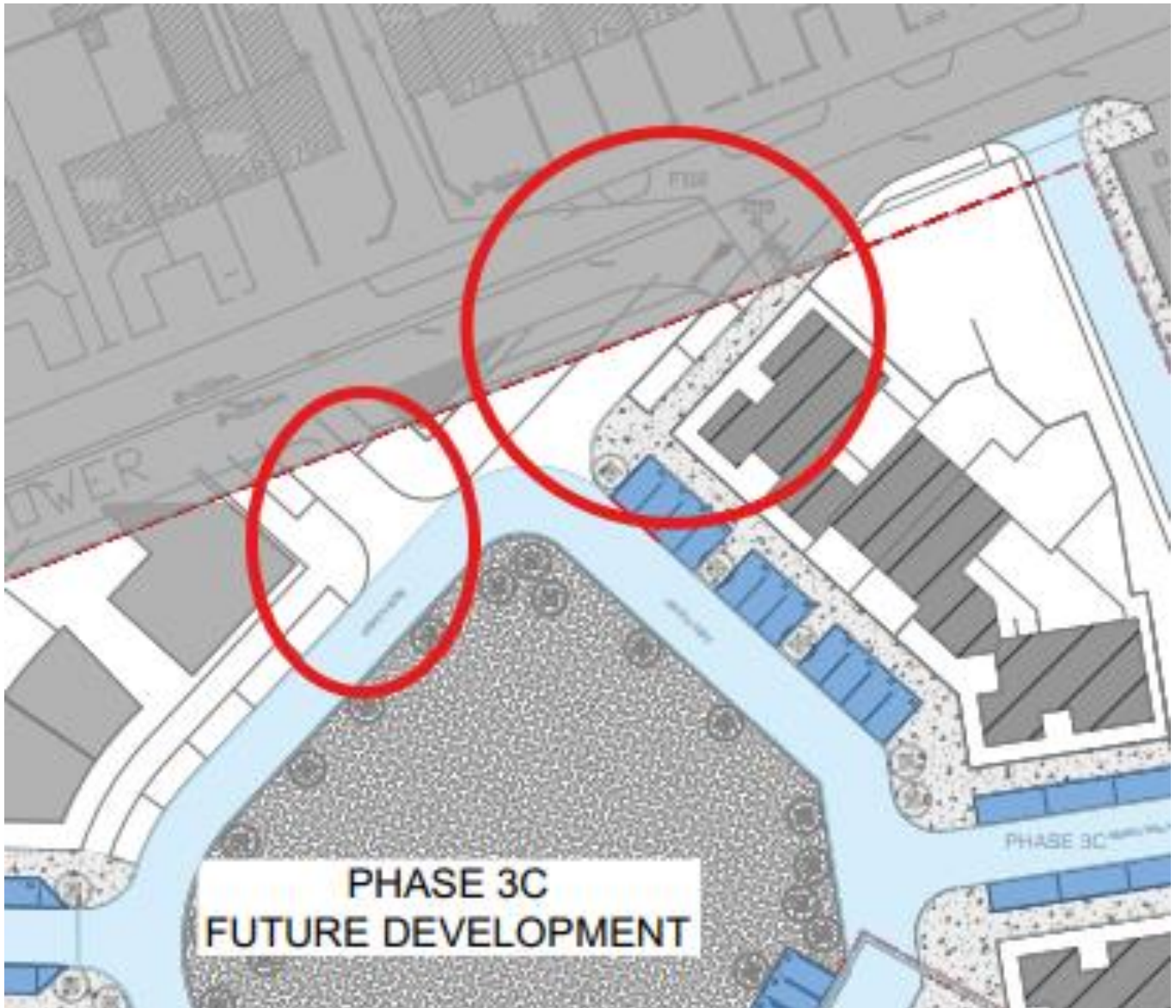
No existing collision statistical information was provided to the audit team. Currently, access to the Road Safety Authority web site has been removed for use by third parties and as a result no analysis of existing collision information has been carried out by the audit team.

## 2. Road Safety Issues Identified

### 2.1 Access from Existing Road to Phase 3C

**Location: Kilmore Road Lower at Northern side of Phase 3C**

It is unclear from the planning drawings whether the two accesses shown on the Phase 3C drawing are a part of these works. The works are part of a phased upgrade to the whole area and as such require consideration of the temporary road network as the phases are implemented. The two accesses shown, would be entering Kilmore Road Lower in close proximity and may result in rear-end or side swipe type collisions.



**Figure 2-1 – Access to Phase 3C from Existing Road**

#### **Recommendation**

The Audit Team recommends that the designer ensure that the extent of works for each phase connects to the existing road network without introducing additional junctions.

## 2.2 Problem: Closure of Roads during Phased Construction

### Location: Phase 3C

The works are part of a phased upgrade to the whole area and as such require consideration of the temporary road network as the phases are implemented should be considered. Lack of connectivity for vehicles, pedestrian and cyclists may lead to irrational behaviour which may result in collisions.

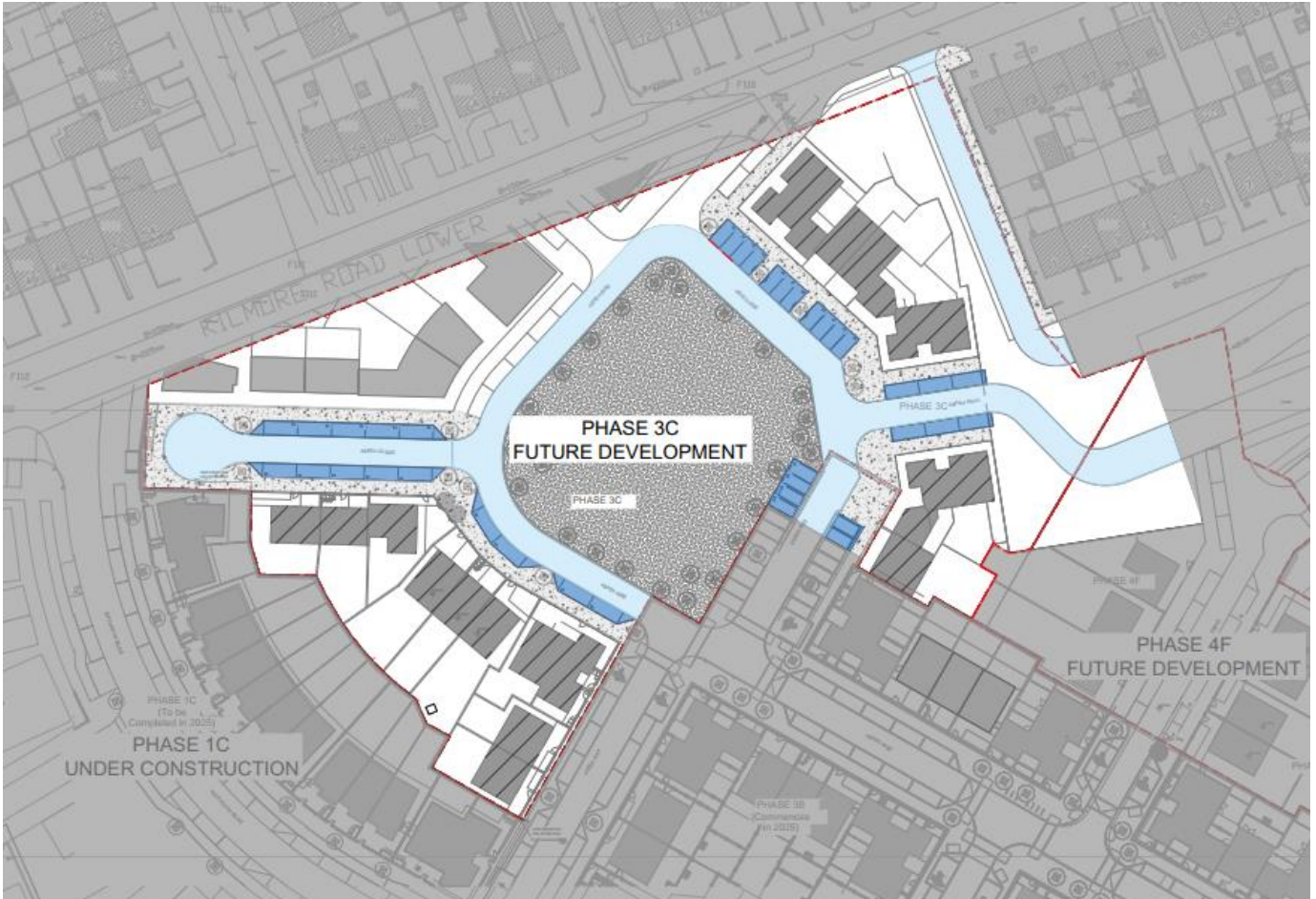


Figure 2-2 – Phase 3C Proposed Road Layout

### Recommendation

The Audit Team recommends that the designer ensure that the temporary road network be considered for the phased works.

## 3. Audit Team Statement

### 3.1 Certification

We certify that we have examined the drawings and documents listed in Chapter 1 of this Report.

## 3.2 Sole Purpose

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 in order to improve the road safety aspects of the scheme.

## 3.3 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.

## 3.4 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.

## 3.5 Road Safety Audit Team Sign-Off

Eileen O'Neill

Audit Team Leader

Road Safety Engineering Team

AtkinsRéalis

Signed:



Date:

05/11/2025


Rajesh Pathi

Audit Team Member

Road Safety Engineering Team

AtkinsRéalis

Signed:



Date:

05/11/2025

# 4. Designer's Response

## 4.1 Preparing a Response to the Road Safety Audit

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

When completed, this form should be signed by the Designer and returned to the Audit Team.



## 4.2 Returning the Feedback Form

Please return the completed Road Safety Audit Feedback Form attached in Appendix B of this Report to the following email or postal address:

**Email address:** [Eileen.ONeill@atkinsrealis.com](mailto:Eileen.ONeill@atkinsrealis.com)

**Postal address:** Road Safety Engineering Team

AtkinsRéalis

Unit 2B 2200,

Cork Airport Business Park,

Co. Cork

T12 R279

Tel.: +353 21 429 0317

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

## 4.3 Triggering the Need for an Exception Report

Where the Designer and the Audit Team cannot agree on an appropriate means of addressing an underlying safety issue identified as part of the audit process, an Exception Report must be prepared by the Designer on each disputed item listed in the Audit Report.

# APPENDICES

# Appendix A. Auditor Approval

## A.1 Audit Team Leader

### User Details

User
<b>First Name:</b> Eileen
<b>Last Name:</b> O'Neill
<b>Email:</b> Eileen.Oneill@atkinsrealis.com
<b>Auditor Ref No.:</b> EO109345
<b>Organisation:</b> Atkins
<b>Registered:</b> Yes
<b>Eligible as team member:</b> Yes
<b>Eligible as team leader:</b> Yes
<b>Client:</b> Yes
<b>Auditor:</b> Yes
<b>Team Member Approval Date:</b> 02/05/2025
<b>Team Leader Approval Date:</b> 02/05/2025
<b>Leader Expiry Date:</b> 12/09/2026

## A.2 Team Member



# User Details

## User

**First Name:** Rajesh

**Last Name:** Pathi

**Email:** Rajesh.Pathi@atkinsrealis.com

**User Ref No.:** RP679136

**Organisation:** Atkins

**Registered:** Yes

**Eligible as team member:** Yes

**Eligible as team leader:** No

**Client:** Yes

**Auditor:** Yes

**Team Member Approval Date:** 13/10/2025

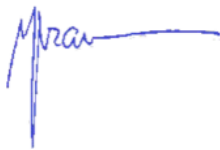


# Appendix B. Road Safety Audit Feedback Form

**Scheme:** CNWQR - Phase 3C  
**Audit Stage:** Stage 1 Road Safety Audit  
**Date Audit Completed:** 17/11/2025

Paragraph No. in Safety Audit Report	To be completed by the Designer			To be completed by the Audit Team
	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Alternative measures (describe)	Alternative Measures accepted by Auditors (yes/no)
2.1	Yes	Yes		
2.2	Yes	Yes		

Signed by the Designer:



Date: 17/11/2025

Signed by the Audit Team Leader:



Date: 17/11/2025

Signed by the Client:



Date: 16/01/2026



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