traffico
ROAD SAFETY ENGINEERING



43-50 Dolphins Barn Street

Stage 1 Road Safety Audit

The Iveagh Trust

March 2025

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1. Introduction

1.1 Report Context

This report describes the findings of a Stage 1 Road Safety Audit associated with 43-50 Dolphins Barn Street.

The Audit has been completed by Traffico. REAS have commissioned the report on behalf of The Iveagh Trust.

1.2 Details of Site Inspection

Date	Daylight / Darkness	Weather & Road Conditions
Sunday 9th February 2025	Daylight	Overcast with dry roads.

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 MIEI	MD101312
Audit Team Member (ATM)	**Andrew Butterly** BEng, Bcs (Hons), PCert (RSA), MIEI	AB4429918

Table 1.2 – Audit Team Details

1.4 Design Information Examined as Part of the Audit Process

The following drawing(s) were examined as part of the Road Safety Audit (RSA) process:

Drawing No.	Drawing Title	Revision
PE23056-CWO-ZZ-00-DR-A-2100	Proposed Ground Floor GA Plan	P04
1923_PL_P_001	Landscape Masterplan	A

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.

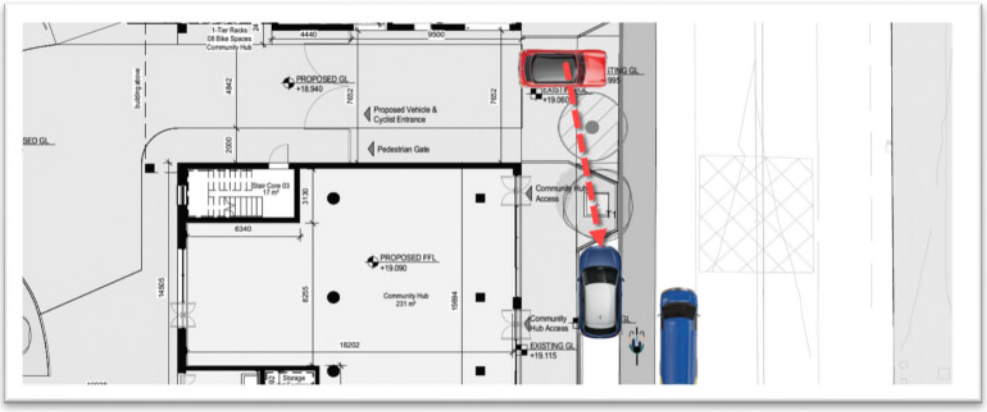
2. Road Safety Issues Identified

2.1 Problem: Kerbside Parking Obscuring Access Visibility

Location: Main Development Access – Drivers Line of Sight Looking to Right

Intervisibility between a driver exiting the development and an approaching cyclist (or a vehicle) is likely to be obscured by kerbside parking activity. This could lead to collisions in front of the access on Dolphin's Barn Street.

Figure 2.1 – Intervisibility for Drivers Exiting the Access May Be Obscured by Kerbside Parking



Recommendation

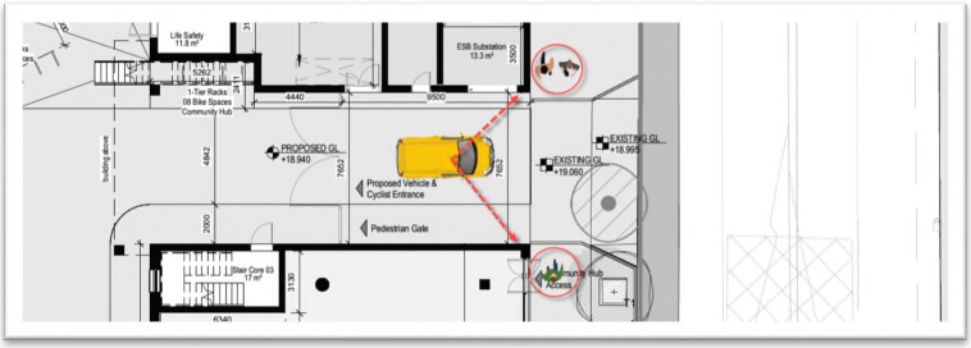
The accesses envelope of visibility should be checked and adjusted as required, to ensure that appropriate sight lines are provided.

2.2 Problem: Drivers Visibility to Pedestrians Approaching Access

Location: Public Footpath on Dolphins Barn Street Serving Development Access

The likelihood of conflicts between vehicles and vulnerable road users is likely to increase if drivers leaving the development are unable to see pedestrians approaching the access on the footpath.

Figure 2.2 – Vehicle Exiting Development without Line of Sight to Pedestrians on Footpath



Recommendation

Intervisibility between an emerging driver and pedestrians approaching on the footpath should be checked and adjusted as required, to ensure that appropriate sight lines are provided.

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.

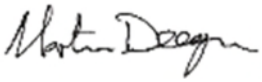
We (the Audit Team) propose that these recommendations should be studied with a view to implementation.

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: 18th February 2025

Andrew Butterly
Audit Team Member
Road Safety Engineering Team
traffico

Signed: 
Date: 18th February 2025

4. Designers Response

4.1 How the Designer Should Respond 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 A.

When completed, this form should be signed by the Designer 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

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

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.

Appendix A

A.1 Road Safety Audit Feedback Form

Road Safety Audit Feedback Form

Scheme: 43-50 Dolphins Barn Street	
Audit Stage: Stage 1 Road Safety Audit	**Audit Date:** 18th February 2025

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		
2.2	Yes	Yes		

Designer's Name: BRIAN BOLGER
Designer's Signature:
Date: 04/03/2025

Employer's Name: DUNNAFARNHAM
Employer's Signature:
Date: 2025-03-04

Audit Team's Name: Martin Delegan
Audit Team's Signature:
Date: 4th March 2025



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