

19038-01-001

**Proposed Residential Development at
Parcnagowan, Kilkenny**

ROAD SAFETY AUDIT STAGE 1 / 2

May 2019

ROADPLAN

CONSULTING

7, Ormonde Road
Kilkenny.
R95 N4FE

Tel: 056 7795800
info@roadplan.ie

1. INTRODUCTION

- 1.1 This report describes a Stage 1 / 2 Road Safety Audit carried out at Parcnagowan, Kilkenny on behalf of Kilkenny County Council. The audit was carried out on 26th April 2019 in the offices of Roadplan Consulting, Kilkenny.
- 1.2 The audit team members were as follows:-

George Frisby, BE CEng MIEI;

Richard Frisby, BSc AEng MIEI;
- 1.3 Both audit team members visited the site. The audit comprised an examination of the drawings relating to the scheme supplied by Kilkenny County Council and an examination of the site.
- 1.4 This Stage 1 / 2 Audit has been carried out in accordance with the relevant sections of TII GE-STY-01024. The team has examined only those issues within the design relating to the road safety implications of the road access to the scheme, and has therefore not examined or verified the compliance of the design to any other criteria.
- 1.5 All of the 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 accident occurrence.
- 1.6 Appendix A describes the audited drawings.

2. STAGE 1 / 2 AUDIT

2.1 Problem

Visibility to the left for a driver of a vehicle exiting the proposed access road could be restricted by the existing parking spaces on the northwest side of Hawthorn Walk. Reduced sight distance at the access could lead to an increase in collisions.

Recommendation

Adequate visibility splays should be provided for a driver of a vehicle exiting the proposed access road. This could require relocating or removing some of the existing parking spaces on the northwest side of Hawthorn Walk in order to obtain adequate sight distance from the access road.

2.2 Problem

Pedestrian crossing facilities such as dropped kerbs and tactile paving are not shown to be provided at a suitable pedestrian crossing location to enable pedestrians to safely cross Hawthorn Walk when accessing the proposed development. A lack of adequate pedestrian crossing facilities at a suitable pedestrian crossing location may contribute to a pedestrian collision at the access to the development.

Recommendation

Provide adequate pedestrian crossing facilities at a suitable crossing location to enable pedestrians to safely cross Hawthorn Walk when accessing the proposed development.

2.3 Problem

A stop sign or stop markings are not proposed at the development access onto Hawthorn Walk which may result in drivers of vehicles exiting the proposed development without giving way to vehicles travelling along Hawthorn Walk. This may contribute to a side impact collision at the access.

Recommendation

Provide adequate stop signage and markings at proposed development access onto Hawthorn Walk.

2.4 Problem

Street lighting exists along Hawthorn Walk. However, street lighting is not shown to be provided within the proposed development. Road safety would be enhanced with the provision of street lighting.

Recommendation

Provide adequate street lighting within the proposed development.

2.5 Problem

The proposed footpath width adjacent to the disabled parking space may be too narrow to safely cater for mobility impaired pedestrians. As a result, they may be forced to use the carriageway instead of the footpath and would be at an increased risk of being struck by a vehicle.

Recommendation

Provide footpaths of adequate width within the proposed development.

3. AUDIT TEAM STATEMENT

3.1 We certify that we have examined the drawing listed in Appendix A and have inspected the site. This examination has been carried out with the sole purpose of identifying any features of the design that could be removed or modified to improve the safety of the scheme.

Signed..... George Frisby

Date26th April 2019.....

Signed..... Richard Frisby

Date26th April 2019.....

APPENDIX A

List of Drawings Examined:

Drawing numbered PL001 and entitled 'Existing Site Layout' provided electronically in PDF format by Kilkenny County Council.

SAFETY AUDIT FEEDBACK FORM

Scheme: Residential Development, Parcnagowan, Kilkenny

Document Number: 19038-01-001

Audit Stage: Stage 1 / 2

Date Audit Completed: 26th April 2019

Paragraph No. in Safety Audit Report	To Be Completed By Designer			To Be Completed by Audit Team Leader
	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Describe alternative measure(s). Give reasons for not accepting recommended measure	Alternative measures or reasons accepted by auditors (yes/no)
2.1				
2.2				
2.3				
2.4				
2.5				

Safety Audit
Signed off **Design Team Leader**

Print Name **Date**

Safety Audit
Signed off **Employer**

Print Name **Date**

Safety Audit
Signed off **Audit Team Leader**

Print Name **Date**

Please complete and return to: Roadplan Consulting Ltd.
7, Ormonde Road
Kilkenny
E-mail: info@roadplan.ie