

# Plot R, Kingsmere, Bicester

## Stage 1 Road Safety Audit

Client: Preferred Homes Bicester Ltd & Countryside (Bicester)  
Ltd

Reference: PC5143-RHD-XX-XX-RP-SA-0001

Status: Final/00

Date: 20 September 2023

HASKONINGDHV UK LTD.

Cornerblock  
2 Cornwall St  
Birmingham  
B3 2DX  
United Kingdom  
Mobility & Infrastructure

+44 (0) 121 709 6520 **T**  
info@rhdhv.com **E**  
royalhaskoningdhv.com **W**

Document title: Plot R, Kingsmere, Bicester

Subtitle: Stage 1 Road Safety Audit  
Reference: PC5143-RHD-XX-XX-RP-SA-0001  
Your reference: Plot R, Kingsmere – Stage 1 Road Safety Audit  
Status: Final/00  
Date: 20 September 2023  
Project name: Kingsmere, Bicester  
Project number: PC5143  
Author(s): Jimoh Ibrahim

Drafted by: Jimoh Ibrahim

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Checked by: Vicky Seaton

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Date: 20.09.2023

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Approved by: Jimoh Ibrahim

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Date: 20.09.2023

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Classification

Project related

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## 1 Introduction

Royal HaskoningDHV has been appointed by Preferred Homes Bicester Ltd & Countryside (Bicester) Ltd to undertake a Stage 1 Road Safety Audit. The Audit refers to highway works associated with a proposed 'extra care' development and market residential dwellings at Plot R at the Kingsmere development off Bishop Road in Bicester. The extents of the Road Safety Audit are shown on **Figure 1** of this report.

The Audit Team for this Stage 1 Road Safety Audit was as follows:

### **Audit Team Leader**

Jimoh Ibrahim Jr, BEng (Hons), MSc (Eng.), MSoRSA, MCIHT, Certificate of Competency  
Royal HaskoningDHV

### **Audit Team Member**

Vicky Seaton, BSc (Hons), MSoRSA, MCIHT, Certificate of Competency, iRAP Accredited  
Supplier (Coding, Analysis and Reporting)  
Royal HaskoningDHV

The Road Safety Audit took place on Wednesday 20 September 2023 in accordance with information provided by Amin Fouladi of Royal HaskoningDHV's London Office, as designers of the scheme. The Road Safety Audit comprised an examination of documents listed in **Appendix A** of this report and a site visit.

The Audit Team confirm that the information provided within and as part of the approved Audit Brief was sufficient for the purposes of this Stage 1 Road Safety Audit. At this stage, the Audit Team were provided with a Proposed Site Location Plan<sup>1</sup> drawing which presented an overview of the proposals and a draft Transport Statement<sup>2</sup> (TS).

As such the following have not been considered within this Stage 1 Road Safety Audit and should be considered within the detailed design:

- Landscaping;
- Traffic signs;
- Lighting;
- Drainage;
- Service apparatus/ public utilities; and
- Kerbs and edging.

A site visit was undertaken by the Audit Team on Monday 18 September 2023 at 17:50, during the afternoon peak traffic period. Weather conditions during the site visit were sunny and surface conditions were dry. Whilst the Audit Team noticed that there was fencing located along the proposed site frontage as shown in **Image 1**, traffic conditions and observed non-motorised user activity within the extents of the scheme during the site visit were considered to be 'typical' of the location and the time of day.

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<sup>1</sup> 21413-CWA-BC-XX-DR-A-2011 P15, Proposed Site Location Plan. Prepared by Corstorphine & Wright

<sup>2</sup> PC5143-RHD-ZZ-XX-RP-R-0003 - Plot R, Kingsmere, Bicester Transport Statement, Drafted by Royal HaskoningDHV in September 2023.

Image 1: Photograph looking northeast on Bishop Road, showing fencing along the proposed site frontage



The terms of reference for the Road Safety Audit are described in GG 119<sup>3</sup>. The Road Safety Audit has examined and reported only on the road safety implications of the scheme as presented and has not examined or verified the compliance of the design to any other criteria.

This Road Safety Audit considers the proposed access into the site, comprising a carriageway width of 5.5 metres (m) widening at the junction with Bishop Road, incorporating corner radii of 6.0m on both sides of the junction. Footways are also proposed to be provided on both sides of the access.

The Audit Team has not been made aware of any Departures (or Relaxations) from Standard.

A summary of Personal Injury Collision (PIC) data has been provided to the Audit Team within the approved Audit Brief. The information provided within the Audit Brief, which has been obtained from the CrashMap<sup>4</sup> website, indicates that there have been no PICs recorded in the vicinity of the site during the most recent five-year period (2017-2021).

Notably, the CrashMap database only contains collisions up to December 2021. As such, further details relating to any collisions in the vicinity of the proposed scheme would require independent verification by the Client should the Local Highway Authority have any concerns relating to the collision history at this location.

Any recommendations included within this report should not be regarded as being prescriptive design solutions to the problems identified. They are only to indicate a proportionate and viable means of eliminating or mitigating the identified problem in accordance with GG 119, and in no way imply that a formal design process has been undertaken.

<sup>3</sup> GG 119 Road Safety Audit (formerly HD 19/15), Revision 2: published by National Highways (as Highways England) in January 2020

<sup>4</sup> [www.CrashMap.co.uk](http://www.CrashMap.co.uk)



There may be alternative means of addressing a problem which would be equally as acceptable or superior in achieving the desired degree of mitigation, and these should be considered when responding to this report.

## **2 Matters Arising from the Stage 1 Road Safety Audit**

### **A1 Local Alignment**

The Audit Team did not identify any local alignment related safety problems as part of this Stage 1 Road Safety Audit.

### **A2 General**

The Audit Team did not identify any 'general' road safety related problems as part of this Stage 1 Road Safety Audit.

### **A3 Junctions**

The Audit Team did not identify any junction related road safety problems as part of this Stage 1 Road Safety Audit.

### **A4 Pedestrians, Cyclists and Equestrians**

The Audit Team did not identify any pedestrians, cyclists, or equestrian related safety problems as part of this Stage 1 Road Safety Audit.

### **A5 Traffic Signs, Carriageway Markings, and Lighting**

The Audit Team did not identify any traffic signs, carriageway markings or lighting related safety problems as part of this Stage 1 Road Safety Audit.

### 3 Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with GG 119.

#### Audit Team Leader

Jimoh Ibrahim Jr. BEng (Hons), MSc (Eng), MSoRSA, MCIHT, CoC  
Senior Transport Planner  
Royal HaskoningDHV  
6th Floor  
Cornerblock  
2 Cornwall Street  
Birmingham  
B3 2DX  
United Kingdom

Signed: J. Ibrahim

Dated: 20.09.2023

#### Audit Team Member

Vicky Seaton, BSc (Hons), MSoRSA, MCIHT, CoC, iRAP Acc. Supp.  
Principal Transport Planner  
Royal HaskoningDHV  
6th Floor  
Cornerblock  
2 Cornwall Street  
Birmingham  
B3 2DX  
United Kingdom

Signed: V. Seaton

Dated: 20.09.2023




## Figures

Figure 1 – Site Location Plan



# KEY

 Indicative Location Plan



**Title**  
Site Location Plan

**Project**  
Parcel R, Kingsmere, Bicester  
Stage 1 Road Safety Audit

**Client**  
Preferred Homes Bicester Ltd &  
Countryside (Bicester) Ltd

Date	Scale
20/09/2023	NTS

**Figure**  
Figure 1

Checked By	Approved by
Jl	Jl

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## **Appendix A**

### **Documents Forming the Audit Brief**

# APPENDIX A

## Documents Forming the Audit Brief

### DRAWING NUMBER

21413-CWA-BC-XX-DR-A-2011-P15  
PC5143-RHD-GE-SW-DR-R-0056

### DRAWING TITLE

Proposed Site Plan  
Visibility Splay

### DOCUMENTS

- Safety Audit Brief
- Site Location Plan
- Traffic signal details
- Departures from standard
- Previous Road Safety Audits
- Previous Designer Responses
- Collision data
- Collision plot
- Traffic flow / modelling data
- Pedestrian flow / modelling data
- Speed survey data
- Other documents

### DETAILS (where appropriate)

21413-CWA-BC-XX-DR-A-2011-P15

Contained within draft TS

Contained within draft TS

Contained within draft TS

Contained within draft TS

Draft Transport Statement - PC5143-RHD-ZZ-XX-RP-R-0003