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# **CLAYBUSH ROAD, ASHWELL, HERTFORDSHIRE**

**Proposed Residential Development -  
Pedestrian Access**

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**Road Safety Audit - Combined Stage 1 & 2**

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**Final Report**

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**August 2017**

# REPORT APPROVAL

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## Document Location

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**SB:TAYLOR BOWIE LTD:CLIENTS:CroudaceHomes:ClaybushRoadAshwellHerts:PedestrianAccess:RSACombinedStage 1&2.docx**

## Revision History

This document has the following history:

Version No.	Version Date	Summary of Changes	Changes marked
1.0	17/07/2017	N/A	N/A

## Approvals

This document requires the following approvals:

Name	Title
Sarah Bowie	Audit Team Leader
Mario Gatti	Audit Team Member

## Distribution

This document has also been distributed to:

Name	Title & Organisation
Alan Griffin	Senior Engineer - Croudace Homes

# 1 INTRODUCTION

## 1.1 Commission & Terms of Reference

This report has been prepared in response to an e-mail commission dated 13<sup>th</sup> July 2017 from Alan Griffin, Croudace Homes, requiring a Combined Stage 1 & 2 Road Safety Audit on a proposed pedestrian access associated with a proposed residential development sited off Claybush Road, Ashwell, Hertfordshire.

The Terms of Reference are as described in the Highways Agency's Design Manual for Roads and Bridges document HD 19/15 'Road Safety Audit'.

## 1.2 The Scheme and its Purpose

The proposed pedestrian access is associated with a residential development on land west of Claybush Road, Ashwell, Hertfordshire. The proposed development is circa 33 residential units.

Pedestrian access to the site is via a short section of concrete road, which connects to Ashwell Street west of its junction with Bear Lane.

This section of Ashwell Street serves seven properties in total, five of which are beyond the access point to the field where the residential development is proposed.

## 1.3 The Audit & Audit Report

The audit comprised an examination of documents forming the Audit Brief and an examination of the site during daylight hours. The documents were made available to the Audit Team by Alan Griffin who was available to respond to queries from the auditors to clarify detailed issues, to provide additional details and to achieve an Audit Brief acceptable to the Audit Team. The total documents forming the Audit Brief are listed in **Appendix A**. Generally, the Brief comprised:

- Proposed pedestrian access

This information was considered sufficient as the Audit Brief for the purpose of undertaking the road safety audit requested.

The Audit Team membership approved for this audit was:

Sarah Bowie IEng, MICE, FIHE, MCIHT, MSoRSA HE RSA Cert Comp

(Audit Team Leader) Director, Taylor Bowie Ltd

Mario Gatti BSc Civ Eng, HE RSA Cert Comp

(Audit Team Member) Associate Consultant, Taylor Bowie Ltd

The audit took place at Taylor Bowie Ltd Letchworth office during July 2017, and both Audit Team Members examined the site together in daylight hours on the morning of Monday 17<sup>th</sup> July 2017. The weather during the site visit was hot and sunny. The carriageway was dry. Traffic flows at all times were light. Five pedestrians and no cyclists were observed during the site visit.

The scheme has been examined, and this report compiled, only with regard to the safety implications to road users of the scheme as presented. It has not been examined or verified for compliance with any other Standards or criteria. However, to clearly explain a safety problem or the recommendation to resolve a problem the Audit Team may, on occasion, have referred to a Design Standard without touching on technical audit.

No Departures from Design Standards have been reported by the Design Organisation.

## 1.4 Audit Administration

This Audit Report has been submitted to the Design Organisation as a draft for checking, consideration and approval. The Design Organisation is responsible for agreeing with the Audit Team Leader the form of the final version of the report and for instructing that the report is presented in its final form.

It is the responsibility of the Audit Project Sponsor, i.e. the local highway authority, Hertfordshire County Council, to advise the Audit Team Leader if any Problem or Recommendation is not adopted. A copy of every signed Exception Report is required by the Audit Team Leader from the Audit Project Sponsor for attachment to the master copy of the Final Audit Report.

Safety issues identified during the audit and site inspection which the Terms of Reference exclude from this report, but which the audit team wishes to draw to the attention of the Audit Project Sponsor, will be set out in a separate letter. These issues could include maintenance items and operational issues. In this regard, the Audit Team have made reference to one item as referred to in a covering letter to the Design Organisation, Croudace Homes, dated 1<sup>st</sup> August 2017. This covering letter should be supplied to the Audit Project Sponsor, Hertfordshire County Council and, be considered in conjunction with this Combined Stage 1 & 2 Road Safety Audit Report.

## 2 ITEMS RAISED IN THIS COMBINED STAGE 1 & 2 ROAD SAFETY AUDIT

### 2.1 General

No Problems identified in this category at this Combined Stage 1 & 2 Road Safety Audit.

### 2.2 Local Alignment

No Problems identified in this category at this Combined Stage 1 & 2 Road Safety Audit.

### 2.3 Junctions

No Problems identified in this category at this Combined Stage 1 & 2 Road Safety Audit.

### 2.4 Non-Motorised User Provision

#### 2.4.1 PROBLEM

Location General - Proposed pedestrian access route between Ashwell Street and residential development (Drawing 072/067).

Summary - Potential lack of adequate and suitable intervisibility could result in a slight increased risk of conflicts occurring between pedestrians and vehicles.

Detail - At this Combined Stage 1 & 2 Road Safety Audit, the scheme proposals indicate that a pedestrian access path is to be provided between Ashwell Street and the proposed residential development sited to the south.

The site visit has established that the existing concrete carriageway access road is narrow with vegetation on both sides and on the exit/entrance corners.

Whilst traffic flows and speeds within this area have been observed to be very low, concern arises that this situation may result in a risk of conflicts occurring between pedestrians and vehicles entering and exiting Ashwell Street.

## **RECOMMENDATION**

At the construction stage of the project, suitable and adequate intervisibility zones should be provided to enable pedestrians to clearly see any passing vehicles. Associated localised vegetation clearance should be undertaken in particular along the northern side of the proposed pedestrian route itself and exit/entrance corner.

## **2.5 Road Signs, Carriageway Markings & Street Lighting**

No Problems identified in this category at this Combined Stage 1 & 2 Road Safety Audit.

**END OF REPORT - NO PROBLEMS IDENTIFIED OR RECOMMENDATIONS OFFERED IN THIS**

**COMBINED STAGE 1 & 2 ROAD SAFETY AUDIT**

### 3 AUDIT TEAM STATEMENT

We certify that this Audit has been carried out in accordance with HD 19/15.

#### AUDIT TEAM LEADER

Sarah Bowie I.Eng, MICE, FIHE, MCIHT, MSoRSA, HE RSA Cert Comp

Director

Taylor Bowie Ltd

Road Safety & Transportation Consultants

5 Curlew Close

Letchworth Garden City

Hertfordshire

SG6 4TG

Signed: 

Date : 1<sup>st</sup> August 2017

#### AUDIT TEAM MEMBER

Mario Gatti BSc Civ Eng, HE RSA Cert Comp

Associate Consultant

Taylor Bowie Ltd

Road Safety & Transportation Consultants

5 Curlew Close

Letchworth Garden City

Hertfordshire

SG6 4TG

Signed: 

Date : 1<sup>st</sup> August 2017

# APPENDIX A

## Documents Forming the Audit Brief



**Drawings:**

<b>DRAWING NO.</b>	<b>TITLE</b>
072/067	Pedestrian Access

# Taylor Bowie Ltd

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