

B1008 Little Waltham, Chelmsford Proposed Development Access



Road Safety Audit Stage 1

on behalf of Transport Planning Associates (tpa)

Andy Paul BEng (Hons); MCIHT
HE RSA Cert Comp
Road Safety and Highway
Engineering Consultant

Little Waltham, Chelmsford

Road Safety Audit Stage 1

1 Introduction

- 1.1 This report describes a Stage 1 Road Safety Audit carried out on a proposed access off the B1008 at Little Waltham, Chelmsford associated with a proposed integrated retirement community development, on behalf of Transport Planning Associates (tpa). The audit was carried out on 25th September 2023 in the office of Mr Paul.
- 1.2 The Audit Team members were as follows:
- Andy Paul, BEng (Hons), MCIHT
HE Approved Certificate of Competence
Road Safety and Highway Engineering Consultant
- Duncan Lord, IEng, FIHE
HE Approved Certificate of Competence
Road Safety and Highway Engineering Consultant
- 1.3 The audit comprised an examination of the drawings and other information relating to the scheme supplied by the design office, which are listed in **Appendix A**. The audit team visited the site together on Thursday 21st September 2023 at 1pm, when the weather was cloudy and dry. Traffic flows were moderate and pedestrian / cyclist flows were very low.
- 1.4 The proposed scheme consists of the provision of an access junction to a proposed retirement community development off the B1008 Little Waltham, Chelmsford.
- 1.5 The terms of reference of the audit are as described in Standard GG 119. The team 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.
- 1.6 All comments and recommendations are referenced to the design drawing and the locations have been indicated on the plan in **Appendix B**.
- 1.7 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 collision occurrence.

Items resulting from this Stage 1 Audit

2.1 PROBLEM

Location – Proposed Access Junction

Summary: Potential vehicle pull out type collisions at the give-way line

At the proposed access to the site, there is a significant amount of vegetation to the right and left of the site access looking onto the main road carriageway. The existence of vegetation in the site access visibility splays could result in a vehicle pulling out of the site access into the path of a vehicle on the main road and lead to collisions at the junction.



RECOMMENDATION

All vegetation in visibility splays should be removed.

2.2 PROBLEM

Location – Proposed Controlled Pedestrian Crossing

Summary: Potential Pedestrian Trips & Slips

At the proposed pedestrian crossing point, there are a number of service covers in the verge that may be in areas covered by the crossing tactile paving layout. The existence of service covers in tactile paving areas could lead to pedestrians slipping and falling at the crossing.



RECOMMENDATION

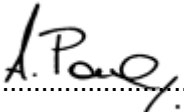
The detailed design should ensure that service covers are not within tactile paving areas or, alternatively, existing covers should incorporate tactile paving slabs as necessary to maintain the layout.

3 Audit Team Statement

We certify that the terms of reference of the audit are as described in Standard GG 119.

Audit Team Leader


Andy Paul - BEng (Hons), MCIHT
HE Approved Certificate of Competence
Road Safety and Highway Engineering Consultant

Signed 

Date25th September 2023.....

Audit Team Member

Duncan Lord, IEng, FIHE
HE Approved Certificate of Competence
Road Safety and Highway Engineering Consultant


Signed 


Date 27th September 2023.....


APPENDIX A


Information Provided

List of Drawings Examined:

 2212-031_SK03-C

 2212-031_SK06

 2212-031_SP01

 2212-031_SP02

Other Information Provided:

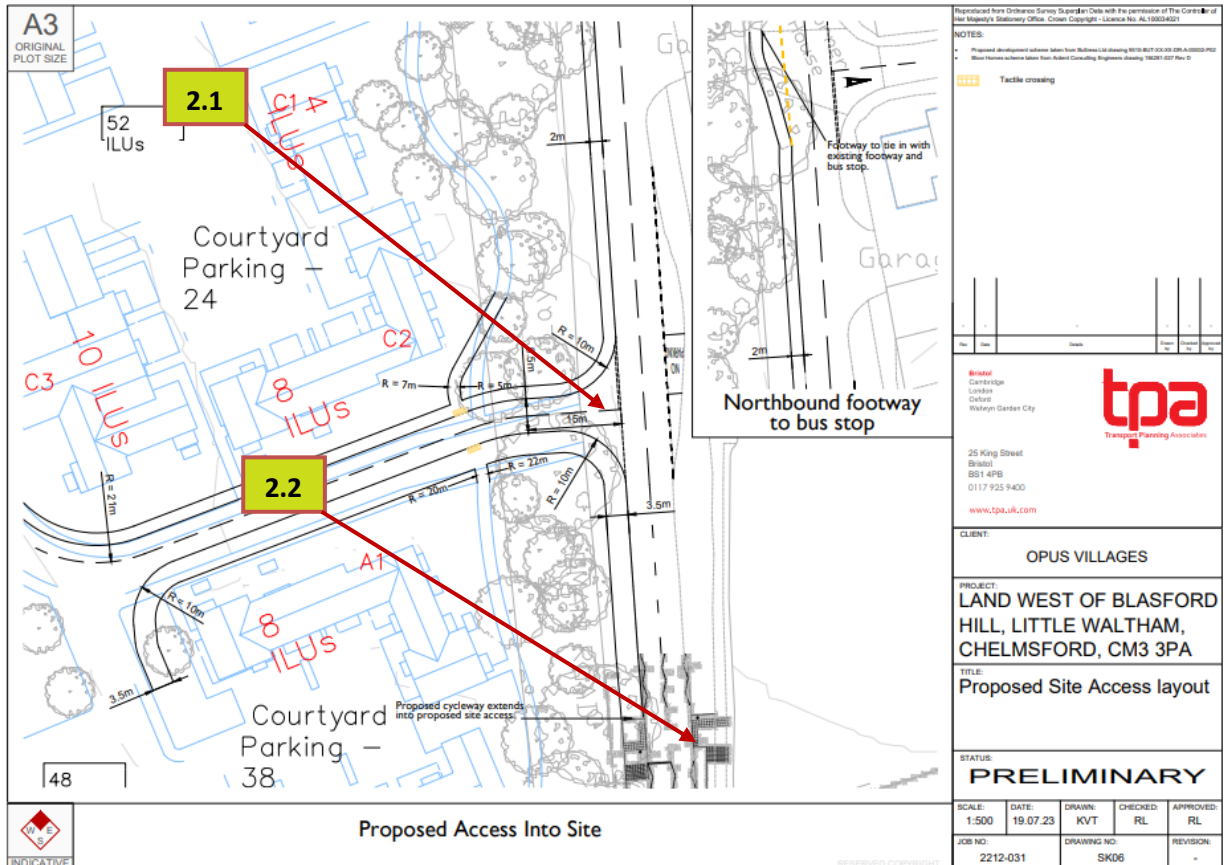
Road Safety Audit Brief

Traffic flow data

Internal Site Plan

APPENDIX B

Location of Problems



Registered Trade Ordinance Survey SuperMap Data with the permission of The Controller of Her Majesty's Stationery Office. Crown Copyright - Licence No. AL10004321

NOTES:

- Proposed development advised taken from Blenheim Ltd drawing 9510-0017-001-001-000002-002
- Blenheim reserves all other rights. Revised Consulting Engineers Drawing 190201-001 Rev 0

Tactile crossing

No.	Date	By	Checked	Approved	Rev

Bristol
 Cambridge
 London
 Oxford
 Wokingham Garden City

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 Transport Planning Associates

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 BS1 4PB
 0117 925 9400
www.tpa.uk.com

CLIENT:
OPUS VILLAGES

PROJECT:
LAND WEST OF BLASFORD HILL, LITTLE WALTHAM, CHELMSFORD, CM3 3PA

TITLE:
Proposed Site Access layout

STATUS:
PRELIMINARY

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	19.07.23	KVT	RL	RL

JOB NO.:	DRAWING NO.:	REVISION:
2212-031	SK06	-