

STAGE 1 ROAD SAFETY AUDIT

Harts Farm Way, Havant

Stage 1 Road Safety Audit

April 2022

Clowes Developments (UK) Ltd

Stage 1 Road Safety Audit

Report control

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Appendices

Appendix A – Site Location Plan
Appendix B – Documents Submitted for Audit
Appendix C – Problem Location Plan

1 Introduction

- 1.1 This report results from a Stage 1 Road Safety Audit (RSA) carried out on Monday 4th April 2022. The Audit was carried out on behalf of Clowes Developments (UK) Ltd. The Overseeing Organisation for this Stage 1 RSA is Hampshire County Council.
- 1.2 The Audit Brief was prepared by Hannah Alsop of Vectos South Ltd on the 29th March 2022 and was formally accepted by both Holly Drury of Hampshire County Council and the Audit Team on the same date.
- 1.3 This Road Safety Audit team was as follows:
- ALASTAIR PIKE, MICE, MCIHT, MSoRSA, HE Approved Cert. Comp.
Audit Team Leader
Head of Road Safety
Vectos South Limited
- IAN MEDD, MCIHT, FSoRSA
Audit Team Member
Independent Road Safety Auditor
- 1.4 A site visit was undertaken by the Audit Team on Friday 1st April 2022, between the hours of 13:00am and 14:00pm. The weather at the time of the visit was fine and bright, the road surface was dry. Low levels of traffic were observed on the surrounding road network.
- 1.5 The existing carriageway surface of Harts Farm Way in proximity to the A27 was observed to be in a poor state of repair with quite pronounced undulations affecting vehicle movements into and out of the western end of Harts Farm Way.
- 1.6 A site location plan can be found at **Appendix A** of this report.
- 1.7 The terms of reference of the Road Safety Audit are as described in the Design Manual for Roads and Bridges (DMRB) Standard, GG119 Road Safety Audit.
- 1.8 The Audit 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 designs to any other 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.
- 1.9 Proposals subject to this Stage 1 RSA comprise two access junctions onto Harts Farm Way for a proposed B2 and B8 class site. The access designs will incorporate ancillary offices, car parking, service yards, drainage works and landscaping. The access junctions are proposed as priority controlled 'T' junction arrangements with the primary access comprising shared use footway cycleway provision leading to a new Toucan Crossing installation.
- 1.10 A list of the documents and drawings submitted for this Stage 1 RSA can be found at **Appendix B**.

- 1.11 A submitted design drawing has been annotated to show the locations of any problems identified during this Stage 1 RSA. This plan can be found at **Appendix C**.
- 1.12 Whilst recommendations have been made within this report, there may be equally satisfactory alternatives. The Audit Team will be pleased to consider alternatives if required.

Departures from Standards

- 1.13 The Audit Team were not informed of any Departure from Standards (DfS) associated with the design proposals.

2 Matters arising from the previous Stage 1 RSA.

- 2.1 The Audit Team have previously undertaken a Stage 1 RSA for the same site in this location. This RSA was completed on 15th June 2021 on a broadly similar proposed access design scheme.
- 2.2 This previous Stage 1 RSA raised 6 road safety problems and where necessary any problems that have not been discharged from the previous report or associated designers response will be repeated in section 3 below.

3 Matters arising from this Stage 1 RSA.

Drawing No. 205465/PD03-Rev G – Proposed footway and Toucan Crossing

3.1 Problem.

Location A: Primary site access junction – proposed uncontrolled pedestrian crossing.

Summary: Location of the proposed uncontrolled crossing is away from the supposed pedestrians desire line which may lead to pedestrians crossing where it is unsafe at risk of trip type personal injuries or collisions between pedestrians and vehicles.

Designs drawings show an uncontrolled pedestrian crossing at the primary site access junction to the north of Harts Farm Way. This proposed uncontrolled crossing is located some distance into the site access minor arm and as such may be away from the pedestrian desire line. This arrangement may in turn lead to pedestrians crossing where it is not safe to do so potentially leading to trip type personal injuries or collisions between pedestrians and vehicular traffic.

Recommendation

It is recommended that the uncontrolled crossing be relocated closer to Harts Farm Way where it may be more appropriate in terms of pedestrian desire lines.

3.2 Problem.

Location A: Primary site access junction – proposed uncontrolled pedestrian crossing.

Summary: No hazard warning tactile paving to indicate the end / start of the shared use cycleway may lead to confusion between NMU's and cause collisions between cyclists and pedestrians.

Designs drawings show a shared use cycleway to the west of the access junction. This shared use route terminates at the site access. Design drawings do not show the required hazard warning tactile paving to indicate the start / end of the shared use route. This arrangement may lead to confusion regarding the designation of the shared use / footway provision and may cause collisions between cyclists and pedestrians.

Recommendation

It is recommended that the appropriate hazard warning tactile paving is installed on the western side of the site access junction to notify NMU's of the start / end of the shared use facility.

4 Audit Team Statement

4.1 We certify that this Audit has been carried out in accordance with the requirements of GG119.

Road Safety Audit Team Leader

Name: Alastair Pike, MICE, MCIHT, MSoRSA, HE Approved Cert. Comp

Signed:

Position: Head of Road Safety

Organisation: Vectos South Ltd

Date: 4th April 2022

Road Safety Audit Team Member

Name: Ian Medd, MCIHT, FSoRSA

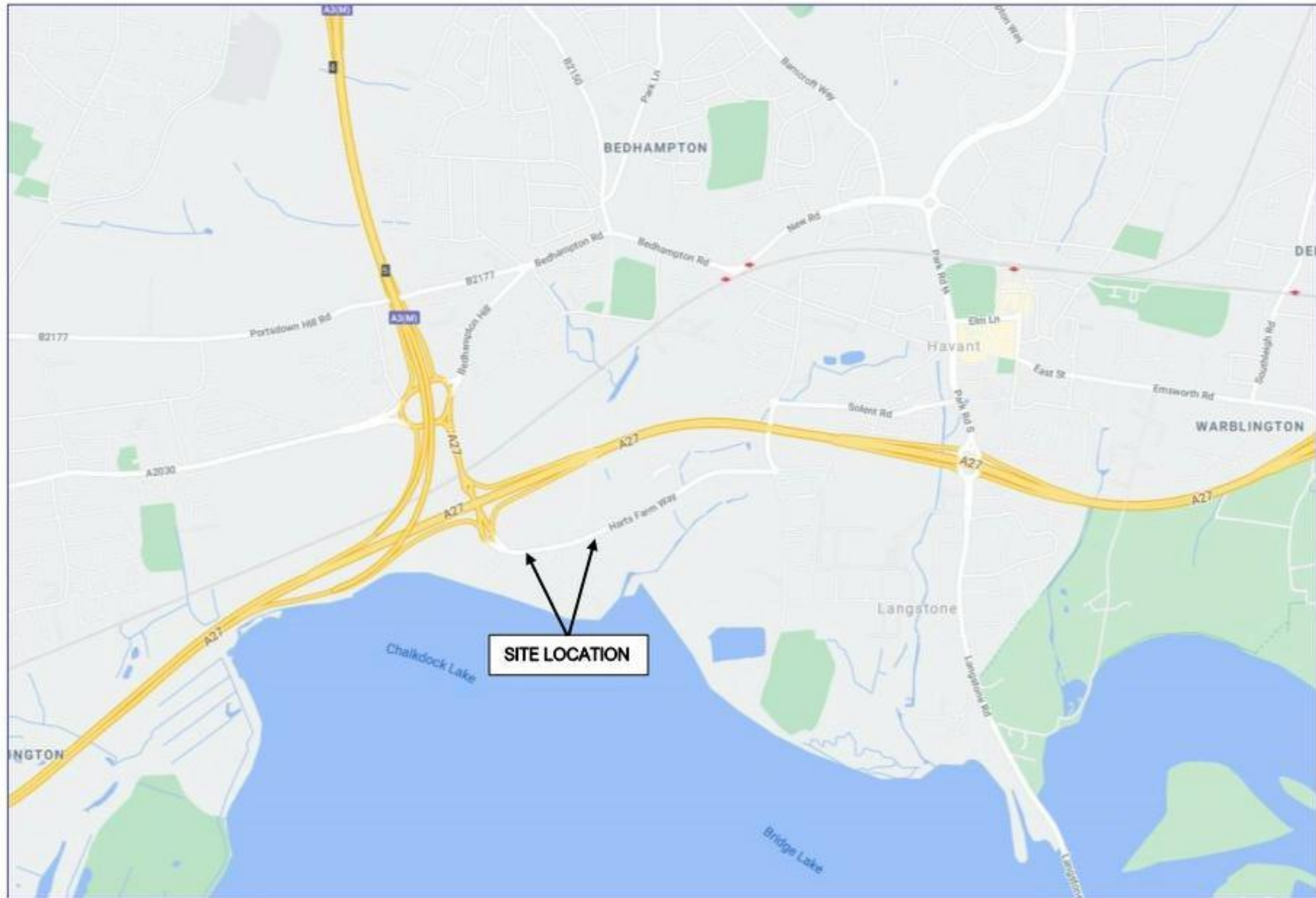
Signed:

Position: Consultant

Organisation: Independent Road Safety Consultant

Date: 4th April 2022

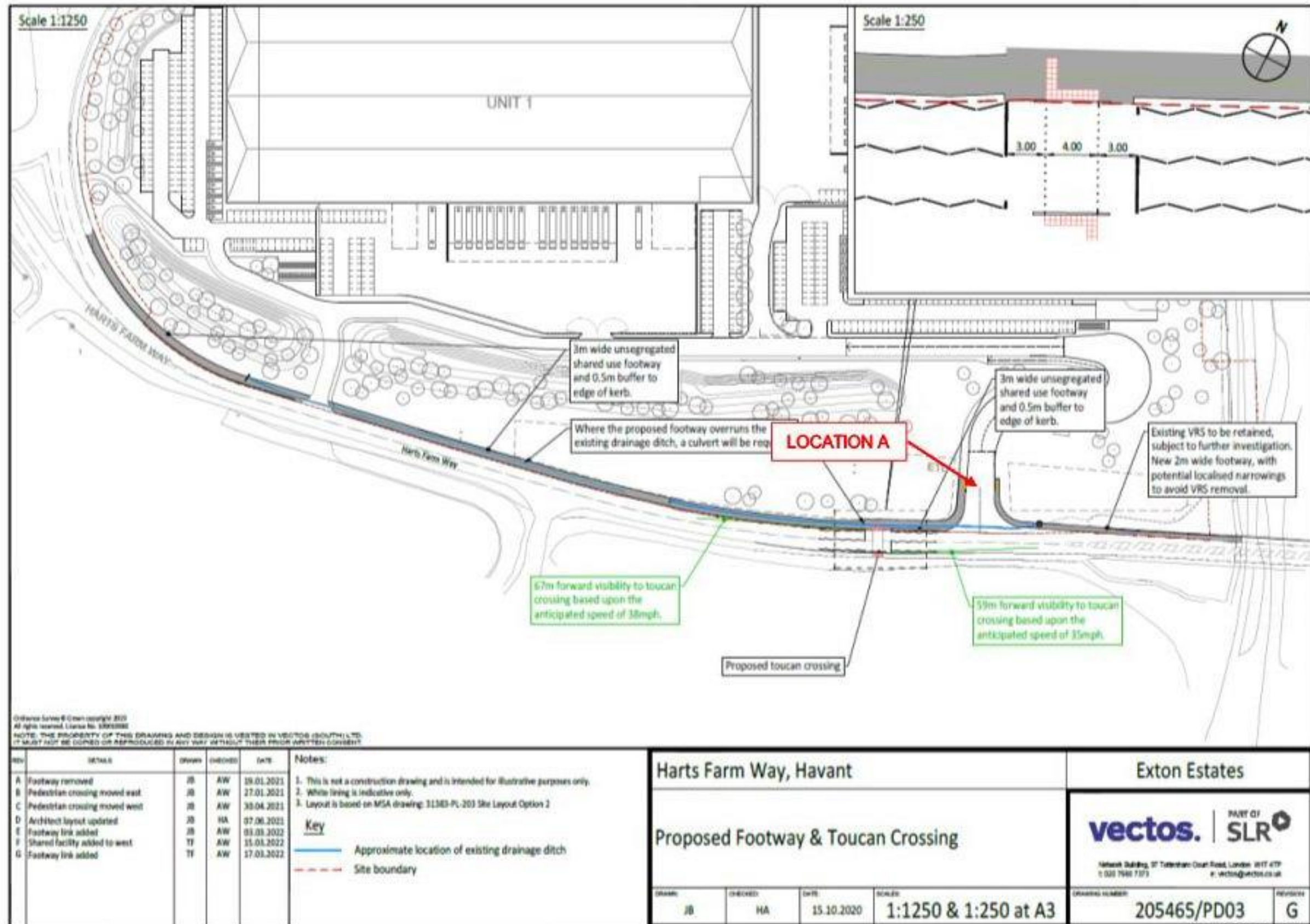
Appendix A



Appendix B

<i>DOCUMENT</i>	<i>DOCUMENT TITLE</i>
Audit Brief	N10-DC-Road Safety Audit Brief FINAL 220329
Documents	Appendix A – Traffic Survey Data Appendix B - Traffic Flow Diagrams Appendix C – Accident Data Appendix D – Previous Road Safety Audits Appendix E – Site Location Plan
Design Drawing	205465/PD03 Rev G 205465/PD03 Rev G/AT01 205465/PD03 Rev G/AT02

Appendix C



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