Louisa Street, Openshaw - Proposed Highway Works Stage 1 Road Safety Audit

Prepared by

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1. Paul Sinclair – Westchurch Homes
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REPORT NUMBER 2023/WH/1867

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FINAL	09/05/23	N Madhavan	R Sawczyn	NS Madhavan	For Issue

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1 INTRODUCTION

1.1 This report results from a Stage 1 Road Safety Audit carried out relating to proposals in the way of new internal access roads and priority junction to serve a new residential development off Louisa Street, Openshaw. The audit was carried out during May 2023.

1.2 The audit team consisted of:

Team Leader: Naresh Madhavan MCIHT, MSoRSA EU RSA Cert. Comp
Director
Highway Associates

Team Member: Robin Sawczyn BEng MCIHT MSoRSA
Senior Road Safety Engineer
Highway Associates

1.3 The audit took place at the offices of Highway Associates, Chester. The Road Safety Audit was undertaken in accordance with the Road Safety Audit Brief provided by Paul Sinclair of Westchurch Homes. The Road Safety Audit comprised an examination of the documents provided, and these are listed in Appendix A.

The site was visited by the audit team at the following times/conditions:

Day/Date	Time	Weather Con	Traffic Flow
Mon 8th May 2023	16:00 – 17:30hrs	West/Cloudy	N/A

1.4 The terms of reference for this audit are as given in GG119, Design Manual for Roads and Bridges. The scheme has been examined and this report compiled only with regard to the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other standards or criteria. However, in order 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 for information only. Any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.

1.5 If relevant within this report the generic term “pedestrians” can include walking pedestrians, wheelchair users, dismounted cyclists, the blind, partially sighted, mobility impaired and people

with prams or pushchairs. Highway Maintenance Operatives are also included within this term. Where a problem is specific to one or more of these vulnerable groups then appropriate reference will be made in the report.

1.6 Any recommendations included within this report should not be regarded as being prescriptive design solutions to the problems identified. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem, in accordance with GG119, and in no way imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which would be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.

1.7 This Road Safety Audit makes allowance for the fact that strategic decisions on matters such as route choice, junction type, standard of provision and approved Departures from Standards already reflect an appropriate balance of a number of factors including road safety.

1.8 The Audit Team have not been made aware of any possible geometric departures or relaxations from standards.

1.9 The reader is reminded that a Road Safety Audit is not limited to the new works alone where there are features that are considered by the Audit Team to affect the general safety in the area. Section 3 of this report lists 'Problems' identified from the drawings and as a result of the site visit relating to the proposed changes to the highway layout that are directly, or indirectly, related to the area (e.g. features/matters within the proposed works or immediate surrounds which the Audit Team feel should be brought to the attention of the Designer or other organisations even though they might not pose an immediate risk associated with the proposed works), and which are considered by the Audit Team to warrant attention under the subject proposals, generally by the maintaining authority. On occasions there are more sensitive issues or issues that fall outside the audit brief but which are of such a nature that Auditors feel should be specifically brought to the attention of the authorities - such issues, if they arise, are usually dealt with in detail in separate correspondence.

1.10 Existing TRO road markings and signage were missing/worn and should be reviewed and renewed where necessary.

1.11 The audit has been written on the assumption that parking provision is in accordance with local authority standards.

2 ITEMS RAISED BY PREVIOUS AUDITS AND REPORTS

2.1 It is understood no previous road safety audits have been undertaken in relation to this scheme.

3 ITEMS RAISED BY THIS AUDIT

3.1 General

3.1.1 PROBLEM

LOCATION: Proposed junctions, bends and cul-de-sacs

SUMMARY: Insufficient manoeuvring space

It is unclear as to whether large vehicles such as refuse or HGV delivery vehicles can negotiate the proposed junctions, internal bend or cul-de-sac without risk of kerb strikes or footway overrunning which could result in loss of control or conflicts with passing pedestrians.

RECOMMENDATION

Undertake swept path analysis to determine the exact nature of the problem. If necessary, the geometry should be altered to allow for sufficient manoeuvring space for all type of visiting vehicles.

3.1.2 PROBLEM

LOCATION: Private shared driveways

SUMMARY: Insufficient manoeuvring space

Concern is expressed that delivery vehicles visiting plots accessed via the shared private driveways could be forced to reverse for an excessive distance along or onto the adoptable highway increasing the potential for conflicts with passing vehicles or pedestrians.

RECOMMENDATION

Undertake swept path analysis to determine the exact nature of the problem. If necessary, the alignments should be altered to allow suitable turning heads within the private driveways to discourage excessive reversing.

3.2 Non-Motorised Road User Provision

No comments at this stage

3.3 Road Signs and Markings

No comments at this stage

3.4 Lighting and Signals

No comments at this stage

3.5 **Landscaping**

No comments at this stage

3.6 **Protective Aids**

No comments at this stage

3.7 **Surface Characteristics and Drainage**

No comments at this stage
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4 AUDIT TEAM STATEMENT

We certify that this Audit has been carried out in accordance with the guidelines in GG119.

AUDIT TEAM LEADER

Naresh Madhavan MCIHT MSoRSA EU RSA Cert. Comp
Director
Highway Associates
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Signed:

Date: 09/05/23

AUDIT TEAM MEMBER

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Signed:

Date: 09/05/23

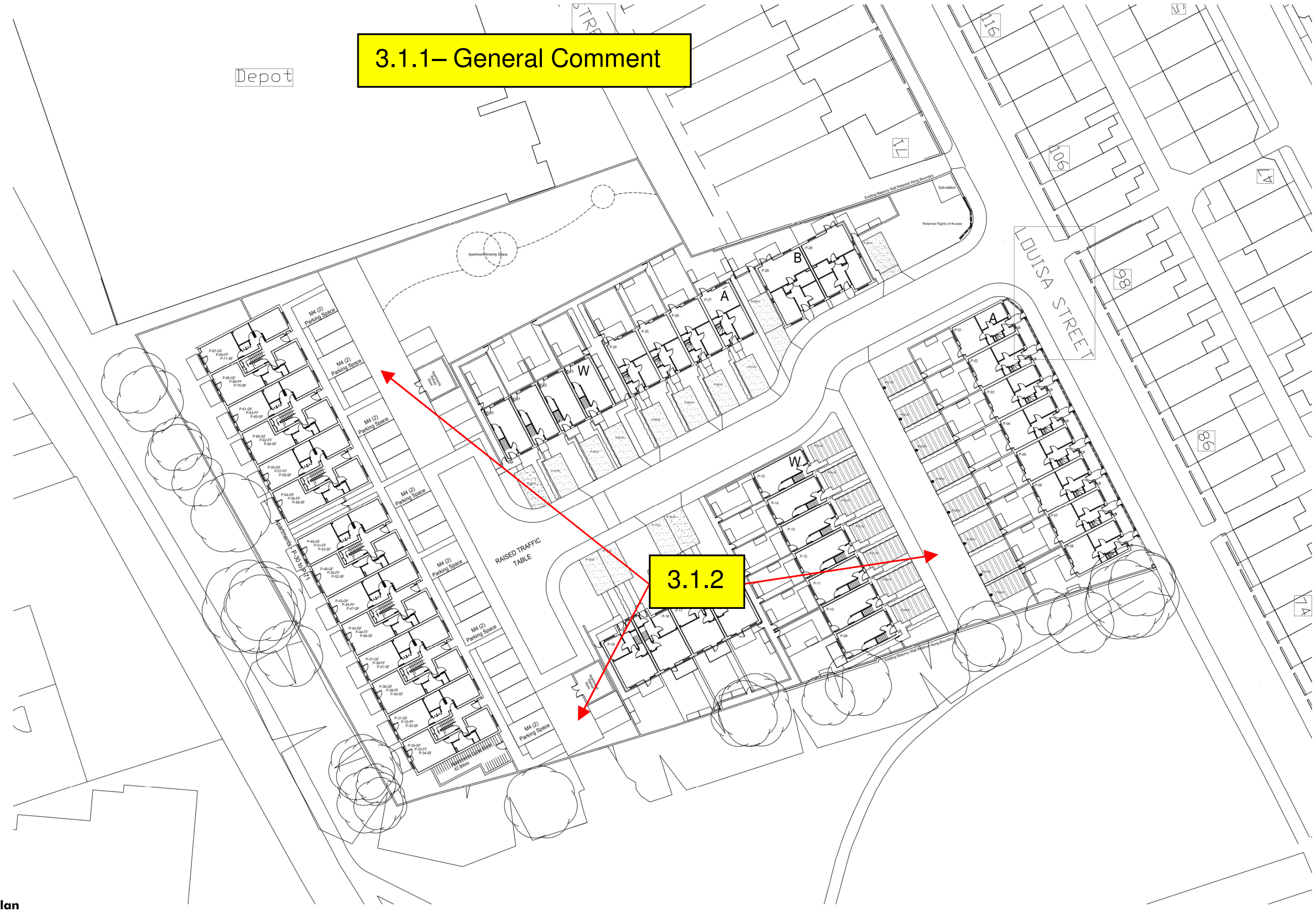
APPENDIX A

DRAWINGS AND DOCUMENTS PROVIDED

(PL)001 REV N.pdf
1020 Louisa Street Openshaw BOUNDARY TREATMENTS PLAN Rev E.pdf
220819_SK22231_TS01(00).pdf

APPENDIX B

PLAN OF ITEMS RAISED BY THIS AUDIT



Proposed Site Plan

Scale 1:200

Project:

Louisa Street, Openshaw

Disclaimer:

Do not scale from this drawing All dimensions and levels are to be checked on site. All areas are approximate and are for information only.
This drawings is to be read in conjunction with all other relevant documents and all works are to comply with the current Building regulations, British Standards and Codes of Practice etc.
All details of the existing structure are to be verified by others on site prior to any works commencing.
The copyright of this drawing and all works executed from this drawing remain the property of View Associates Ltd. Any 3rd party survey information contained on this drawing is not the responsibility of View Associates Ltd

Revision:	Description:	Date:	By:

Client:
Westchurch Homes Ltd

Drawing Title:
Proposed Site Plan

Drawing Number:
(PL)001 REV N

Drawn By: **HH** Checked By: **IJ**

Stage:
Planning

Date: **25.07.2022** Scale: **1:200 @ A0**

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