



**DOMUSEA DEVELOPMENTS
PROPOSED RESIDENTIAL DEVELOPMENT
THE BOWERIES, BARNHAM ROAD,
EASTERGATE**

STAGE 1 - ROAD SAFETY AUDIT

OCTOBER 2019



**DOMUSEA DEVELOPMENTS
PROPOSED RESIDENTIAL DEVELOPMENT
THE BOWERIES, BARNHAM ROAD,
EASTERGATE**

STAGE 1 - ROAD SAFETY AUDIT

OCTOBER 2019

Project Code:	S/DDEastergate.1.6
Prepared by:	Martyn Parr
Approved by:	John Reid
Issue Date:	October 2019
Status:	Final

Mayer Brown Limited, Lion House, Oriental Road, Woking, Surrey GU22 8AR



**Domusea Developments
Proposed Residential Development
The Boweries, Barnham Road, Eastergate
Stage 1 - Road Safety Audit**

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1 Introduction

1.1 This report results from a Stage 1 Road Safety Audit carried out following instructions from Domusea Developments, on proposed access arrangements for a new residential development on land at The Boweries, Eastergate, following a request from West Sussex County Council.

1.2 The Road Safety Audit Team membership was as follows:

Team Leader

Martyn Parr MSoRSA, MCIHT, HECOC
Road Safety Manager – Mayer Brown Limited
(Certificate of Competency in Road Safety Audit gained in February 2015)

Team Member

John Reid MSc, DipHTE, MCIHT, FSoRSA, MITAI, HECOC
Technical Director (Safety) – Mayer Brown Limited
(Certificate of Competency in Road Safety Audit gained in April 2012)

1.3 The Road Safety Audit took place at the Woking Office of Mayer Brown Limited on 18th October 2019.

1.4 The Road Safety Audit comprised an examination of the information provided by the Domusea Developments (Design Team), provided in **Appendix B**. An Audit Brief was not provided for this Stage 1 Road Safety Audit.

1.5 The Audit Team are not advised of any Departures from Standard.

1.6 A site visit was conducted by both Road Safety Audit Team Members on 15th October 2019 from 11:30 hrs onwards, during which the weather was overcast, and the existing road surface was damp. Traffic conditions were high.

1.7 The terms of reference of the Road Safety Audit are as described in GG 119, with the exception that this Road Safety Audit is issued directly to the Design Team and an Audit Brief has not been provided.

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Proposed Residential Development, The Boweries, Barnham Road, Eastergate
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- 1.8 The Audit is concerned only with the Section 278 works that are to be adopted by the West Sussex County Council.
- 1.9 All comments and recommendations are referenced to a reduced scale copy of drawing 'MBSK191001-01D', provided in **Appendix B** of this report.
- 1.10 The proposals comprise of residential development with 18 dwellings. Access will be provided via the existing 'The Boweries' access.

2 Items Raised at the Stage 1 Road Safety Audit

General

2.1 Problem

Location: General to scheme, multiple locations

Summary: Maintenance / inspection covers – Two wheel vehicle loss of control.

This matter can be addressed at the detailed design stage.

New service provision may be required for the proposed development. Inspection covers which become polished by traffic action may create skid hazards for two-wheeled vehicles; this could lead to a loss of control and result in rider and / or passenger injury

Recommendation

Ensure as far as practical that no manholes or inspection chambers are located where they are likely to be traversed by two-wheeled vehicles during turning manoeuvres. Where this is unavoidable, use skid resistant covers and ensure that they are regularly inspected and maintained.

2.2 Problem

Location: General to the scheme, multiple locations

Summary: Surface Water Drainage

This matter can be addressed at the detailed design stage.

Standing water within the carriageway may result in loss of control for vehicles, especially during sub-zero conditions, and standing water on the footway surface may result in slip hazard for pedestrians, especially during sub-zero conditions.

Recommendation

Ensure that carriageway and footway drainage is provided to current design standards.

2.3 Problem

Location: General to scheme, multiple locations

Summary: Lighting Provision

This matter can be addressed at the detailed design stage.

Details of the proposed lighting provision are not provided at this stage. Inadequate and/or uneven levels of illumination may result in drivers failing to correctly identify the various junction layouts associated with this development, with consequent kerb strikes and loss of control.

Recommendation

Provide carriageway and footway lighting in accordance with current design standards.

2.4 Problem

Location: General

Summary: Servicing Arrangements

Details of swept paths have not been provided within the development site. It is important that a refuse vehicle can access the site appropriately without traversing the footway or requiring excessive reversing manoeuvres. The vehicle should be able to leave the site in a forward gear.

Recommendation

Undertake swept path analysis using a refuse vehicle to ensure that the vehicle can access the site appropriately.

Junctions

2.5 Problem

Location: Site Access

Summary: Obstruction to visibility splays

Junction visibility splays have been formally identified on the drawings provided for Audit. It will be important that any vegetation within these splays is trimmed/maintained to ensure that the visibility splays remain unobstructed.

Recommendation

- i. Any vegetation within the splays should be trimmed/maintained.
- ii. Vegetation within the splays should not extend beyond a vertical height of 0.6m.

3 Audit Team Statement

3.0 AUDIT TEAM STATEMENT

We certify that this Road Safety Audit has been carried out as described in GG 119, with the exception that this Road Safety Audit is issued directly to the Design Team and an Audit Brief was not provided to the Audit Team.

ROAD SAFETY AUDIT TEAM LEADER

Martyn Parr – MSoRSA, MCIHT, HECOC
Road Safety Manager
Mayer Brown Limited
Lion House
Oriental Road
Woking
Surrey
GU22 8AR

Signed

Date 18/10/19

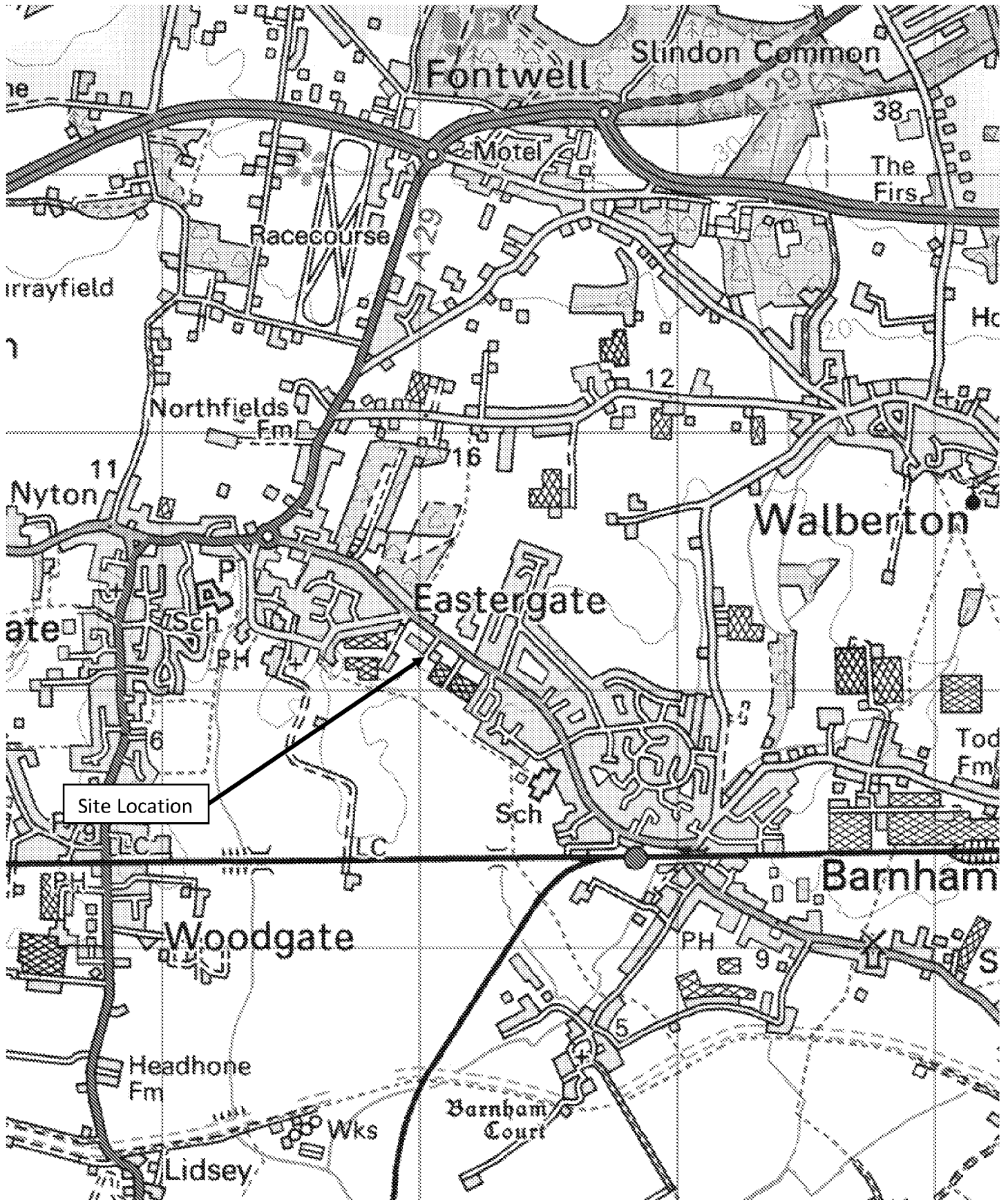
ROAD SAFETY AUDIT TEAM MEMBER

John Reid - MSc, DipHTE, MCIHT, FSoRSA, MITAI, HECOC
Technical Director (Safety)
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Oriental Road
Woking
Surrey
GU22 8AR

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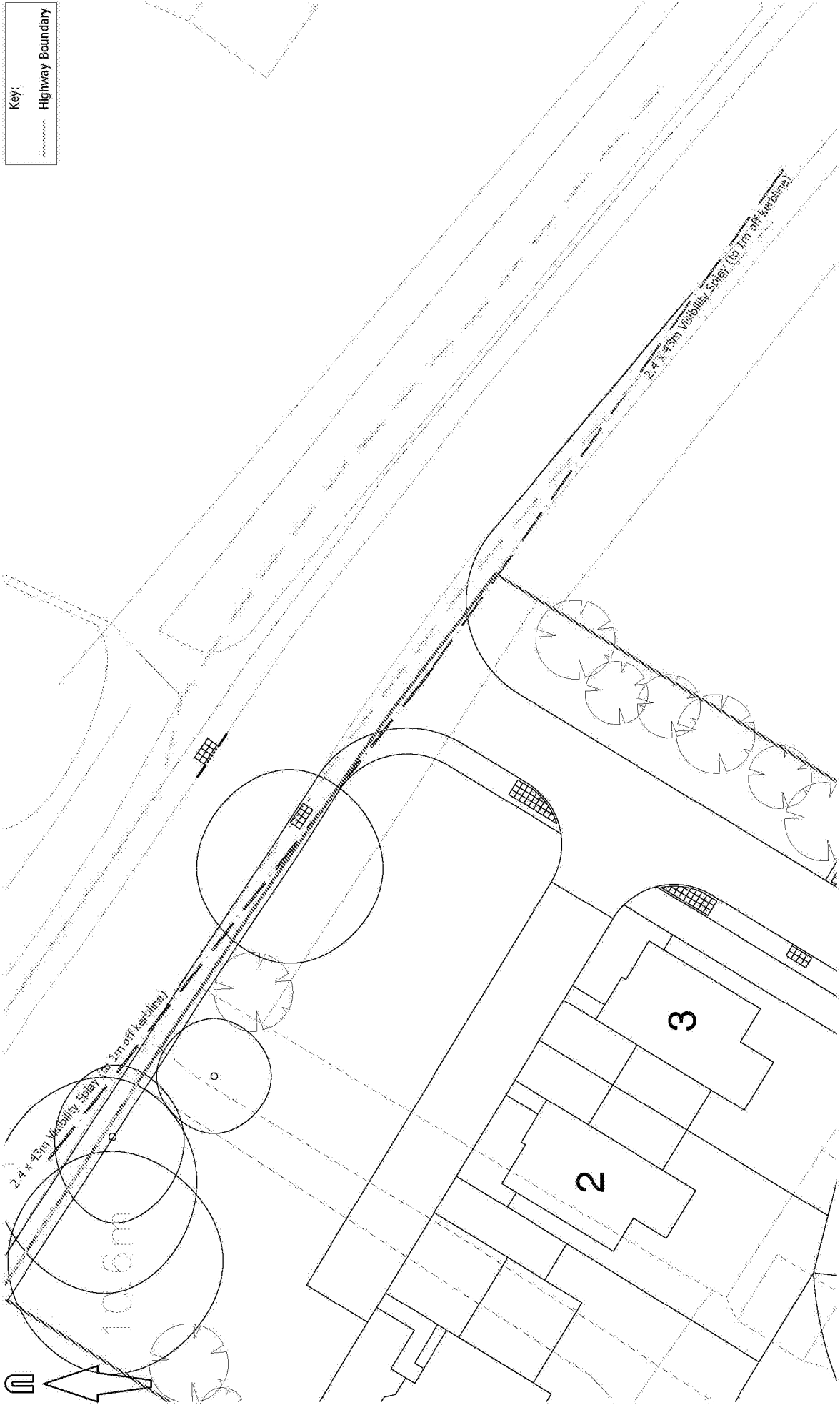
Date 18/10/19

APPENDIX A: Site Location Plan



APPENDIX B: Reference Plan

Key:
 Highway Boundary



scale 1:250 @ A3 date OCTOBER 2019 drawing number MBSK191001-01	title VISIBILITY SPLAYS AT ACCESS	client DOMUSEA DEVELOPMENTS project THE BOWERIES, BARNHAM ROAD EASTERGATE	drawn by JME checked by AP cad file FIGURES A.DWG rev. D
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