



15 LANGSTONE ROAD, HAVANT

PROPOSED RESIDENTIAL DEVELOPMENT

SECTION 278 HIGHWAY WORKS

Stage 1 Road Safety Audit

October 2016

KS/RDW/16/1293/RSA1

Revision Status	Prepared by: (Name)	Checked by: (Name)	Approved by: (Signature)	Date Approved:
Original	K Seymour	R Westhead		06/10/2016
Designer's Response				
Authority's Response				
Audit Response				

Client:	
D G Phillips(Bosham) Ltd	The Safety Forum Ltd
Brindles Delling Lane Bosham PO18 9LD	PO Box 831 Godalming Surrey GU7 9HT
Date: 06/10/2016	

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APPENDIX A Location Plan

APPENDIX B Designers Response

1.0 INTRODUCTION

- 1.1 This report results from a Stage 1 Road Safety Audit (RSA) carried out on the proposed access arrangements to a residential development at land at 15 Langstone Road, Havant, Hampshire.
- 1.2 The highway proposals include the formation of a simple give way controlled access onto Langstone Road, Havant, and the closure of the existing property access. The access is to serve a development of 5 flats on the site of an existing single dwelling property.
- 1.3 The Stage 1 RSA was carried out at the request of D G Phillips (Bosham) Ltd.
- 1.4 The Audit was carried out between 28th September and 5th October 2016 by consultants working on behalf of The Safety Forum Limited.

The Auditors were:

K Seymour – Team Leader (MCIHT, MSoRSA, HE RSA Cert Comp)

R Westhead – Team Member (MSoRSA, HE RSA Cert Comp)

- 1.5 The report has been prepared in accordance with the Design Manual for Roads and Bridges (DMRB) Highways Directive (HD) 19/15.
- 1.6 The Audit consisted of a desktop study and a site visit. The site visit was carried out on 30th September 2016, between 2:30pm and 3:00pm by all member of the Audit Team together. The weather was dry and sunny and the road surface was dry. Traffic conditions were busy; pedestrian volumes were moderate and cyclists were observed on Langstone Road.
- 1.7 Issues relating to the health & safety of operatives constructing, operating or maintaining the highway are not covered by Road Safety Audit. Only issues relating to the design and construction of facilities for highway maintenance that may potentially contribute to a Road Safety Matter are considered by the Road Safety Audit process.

Road Safety Audit is not a technical check that the design conforms to Standards and/or best practice guidance. Design Organisations are responsible for ensuring that their designs have been subjected to the appropriate design reviews (including, where applicable, Non-Motorised User (NMU) Audits) prior to Road Safety Audit.

Road Safety Audit is not a check that the scheme has been constructed in accordance with the design.

Whilst reference is made to certain design standards, where safety may be compromised by a reduction in standard, this report is not intended to provide a design check. The Auditors have only reported on matters that might have an adverse effect on road safety in the context of the chosen design. No attempt has been made to comment on the justification of the scheme or the appropriateness of the design. Consequently, the Auditors accept no responsibility for the design or construction of the scheme.

- 1.8 The recommendations in this report are aimed at addressing the road safety problems; however there may be other alternative acceptable ways to overcome a specific problem, when other practical issues are considered. The recommendations contained herein do not absolve the Designer of his/her responsibilities.
- 1.9 The Auditors would be pleased to discuss the acceptability of alternative solutions to problems identified during the Audit, and would encourage the Designer to consult them on this matter.
- 1.10 The LHA response to the RSA should be formally recorded and reported to the Designer and the RSA Team so that a record of the Audit process is contained in the *As Built* design pack to be provided and retained by the LHA on final completion.
- 1.11 All problems identified in this Road Safety Audit Report are indicated on a location plan in Appendix A

2.0 ITEMS CONSIDERED

- 2.1 The Road Safety Audit was undertaken on the scheme detailed in the following documentation.

Drawing No.	Rev	Title
99092	A	Development 15 Langstone Road, Havant

- 2.2 No departure from standards or other information was submitted to the Audit Team.

3.0 MATTERS ARISING FROM THIS STAGE 1/2 AUDIT.

3.1 PROBLEM

LOCATION: – At the access onto Langstone Road.

SUMMARY: Pedestrian to vehicle collisions, as driver emerge from the site

Drivers emerging from the site may not have an adequate view of pedestrians crossing the entrance. Poor intervisibility between pedestrians and drivers may lead to pedestrian to vehicle conflict at the access.

RECOMMENDATION

It is recommended that an intervisibility splay is provided between these users (a splay of 2.4m by 2.4m is considered appropriate at similar locations by other local authorities).

4.0 OTHER OBSERVATIONS.

4.1 OBSERVATION

LOCATION: At the access

The form of the access is unclear from the information provided. If the access is to be a simple footway crossover type arrangement, the footway surfacing should provide adequate clarity as to pedestrian priority.

If the access is to be a kerbed junction then appropriate pedestrian crossing facilities should be provided, including dropped flush kerbs and associated tactile paving provision.

The form of junction should be agreed with the local highway authority.

4.2 OBSERVATION

LOCATION: At the site

It is unclear from the information provided whether large service vehicles (such as refuse vehicles) are able to enter and leave the site in forward gear.

The width of access should be such that large vehicles do not over-run footway or verge areas.

A swept path analysis should be carried out to ensure all vehicle types likely to access the site can enter and leave the site in forward gear and without over-running footway / verge areas and junction area suitably designed to ensure no over-run.

5.0 AUDITOR STATEMENT

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

AUDIT TEAM LEADER

K Seymour

Signed: 

Date: 5th October 2016

AUDIT TEAM MEMBER

R Westhead

Signed: 

Date: 6th October 2016

The Safety Forum Ltd
PO Box 831
Godalming
Surrey
GU7 9HT

APPENDIX B: DESIGNERS RESPONSE

Auditors: K Seymour (Team Leader) and R Westhead (Team Member).

Date Response Completed:

Scheme: 15 Langstone Road, Havant – Residential Development

This response is to a Stage 1 Road Safety Audit to the design standard detailed within HD19/15 of Volume 5, Section 2, Part 2, of the Design Manual for Roads and Bridges, as detailed by the Highways Agency.

Problem no. in safety audit report	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Alternative measure (detail description)
3.1			
4.1			
4.2			

Principal Engineer's / Audit Project Sponsor's Statement:

Road Safety Audit for 15 Langstone Road, Havant – Residential Development.

I certify that I have considered the items raised in the Stage 1 Road Safety Audit Report and I am content to accept all of its recommendations except for the ones listed above. I have stated my reasons for not accepting them and I seek the Chief Engineer's endorsement of my proposals.

..... Date.....

Principal Engineer

Chief Engineer's / Director's Decision:

I accept these proposals by the Principal Engineer.

..... Date.....

Chief Engineer