

**LAND SOUTH
OF
BEECH GROVE
HAYLING ISLAND**

PROPOSED ACCESS ARRANGEMENTS

Stage 1 Road Safety Audit

SEPTEMBER 2012

Revision Status	Prepared by: (Name)	Checked by: (Name)	Approved by: (Signature)	Date Approved:
Original	Mark Barrett	Ian Medd		8 September 2012
Designer's Response	Andy Wells	David Wiseman		10 September 2012
Authority's Response				
Audit Response				

Client:
SMA Ltd

Engineer:
gm
Traffic Consultants Ltd

Date: 8 September 2012

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1.0 INTRODUCTION

1.1 General

- 1.1.1 This report results from a Stage 1 Road Safety Audit (RSA) carried out on the access arrangements for the proposed residential development of around 130 dwellings on land south of Beech Grove, Hayling Island. The proposals will provide a new access road to the proposed development through the plot of 1 Hawthorne Grove, which will be demolished.
- 1.1.2 The RSA was carried out at the request of Stuart Michael Associates.
- 1.1.3 Gm Traffic Consultants Ltd carried out the Audit between 6th September 2012 and 8th September 2012. The Auditors were:
Mark Barrett
Ian Medd
- 1.1.4 The Audit Team is independent of the project design team and has no other involvement with the design of this project.
- 1.1.5 The report has been prepared with reference to Design Manual for Roads and Bridges (DMRB) Highways Directive (HD) 19/03.
- 1.1.6 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.
- 1.1.7 This Stage 1 RSA report consisted of a desktop study and site visit which was carried out on Thursday 6th September 2012.
- 1.1.8 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.
- 1.1.9 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.
- 1.1.10 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 completed.

2.0 ITEMS CONSIDERED

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

Drawing No.	Rev	Title
3726.001	-	Proposed Access Arrangements

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

3.0 MATTERS ARISING FROM THIS STAGE 1 AUDIT.

3.1 PROBLEM

LOCATION: Access to development.

SUMMARY: "See through" problem..

The proposed realignment of Beech Grove to accommodate the new access road may create a "see through" problem for motorists travelling south on Beech Grove. This may result in motorists approaching the development access road at inappropriate speeds which could lead to late braking or loss of control conflicts.

RECOMMENDATION

Provide bollards with reflective strips on the verges to highlight to drivers the realigned carriageway. Provide edge of carriageway and access markings to further enhance the realignment.

3.2 PROBLEM

LOCATION: Access road.

SUMMARY: No tactile paving.

There are no indications that tactile paving will be provided at the new access. The absence of tactile paving and dropped kerbs may increase the risk of pedestrians with visual impairments falling/tripping on full height kerbs or failing to stop at crossing points and walking out in front of oncoming traffic.

RECOMMENDATION

The design is amended to provide tactile paving and dropped kerbs across Hawthorne Grove.

4.0 AUDITOR STATEMENT

4.1 I certify that this audit has been carried out with reference to HD 19/03.

AUDIT TEAM LEADER

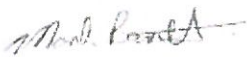
Mark Barrett

gm Traffic Consultants Ltd

TEL: 07787 158 834

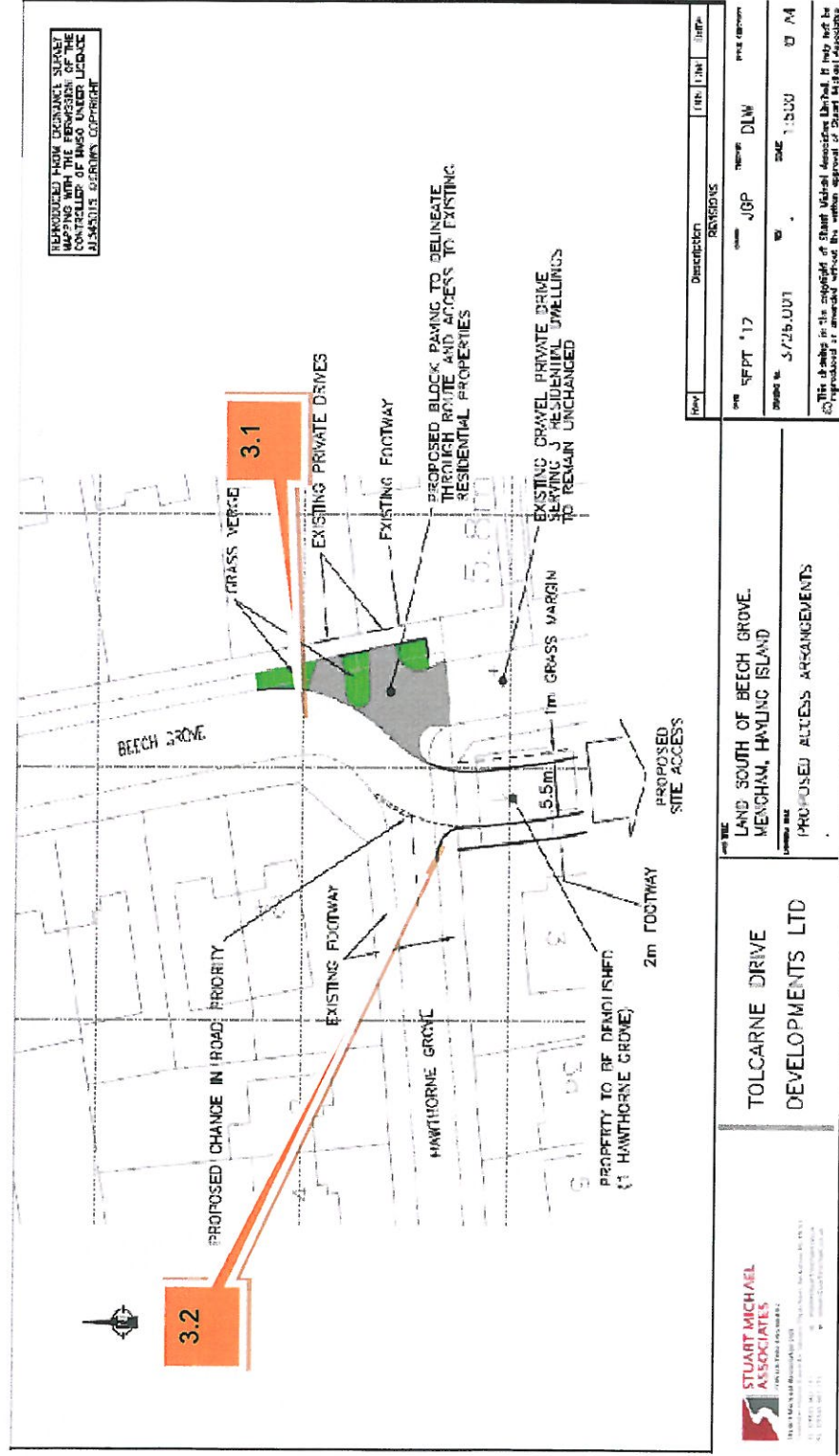
AUDIT TEAM MEMBER

Ian Medd


Signed:

Date: 8 September 2012

APPENDIX A: LOCATION PLAN



APPENDIX B: DESIGNERS RESPONSE

Auditors: Mark Barrett (Team Leader) and Ian Medd (Team Member).

Project: Land south of Beech Grove, Hayling Island – Proposed Access Arrangements.

Date Audit Completed: 8 September 2012

This response is to a Stage 1 Road Safety Audit to the design standard detailed within HD19/03 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	Yes	Yes	N/A
3.2	Yes	Yes	N/A

Principal Engineer's Statement:

Road Safety Audit for Land south of Beech Grove, Hayling Island – Proposed Access Arrangements.

I certify that I have considered the items that have arisen 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 10 September 2012

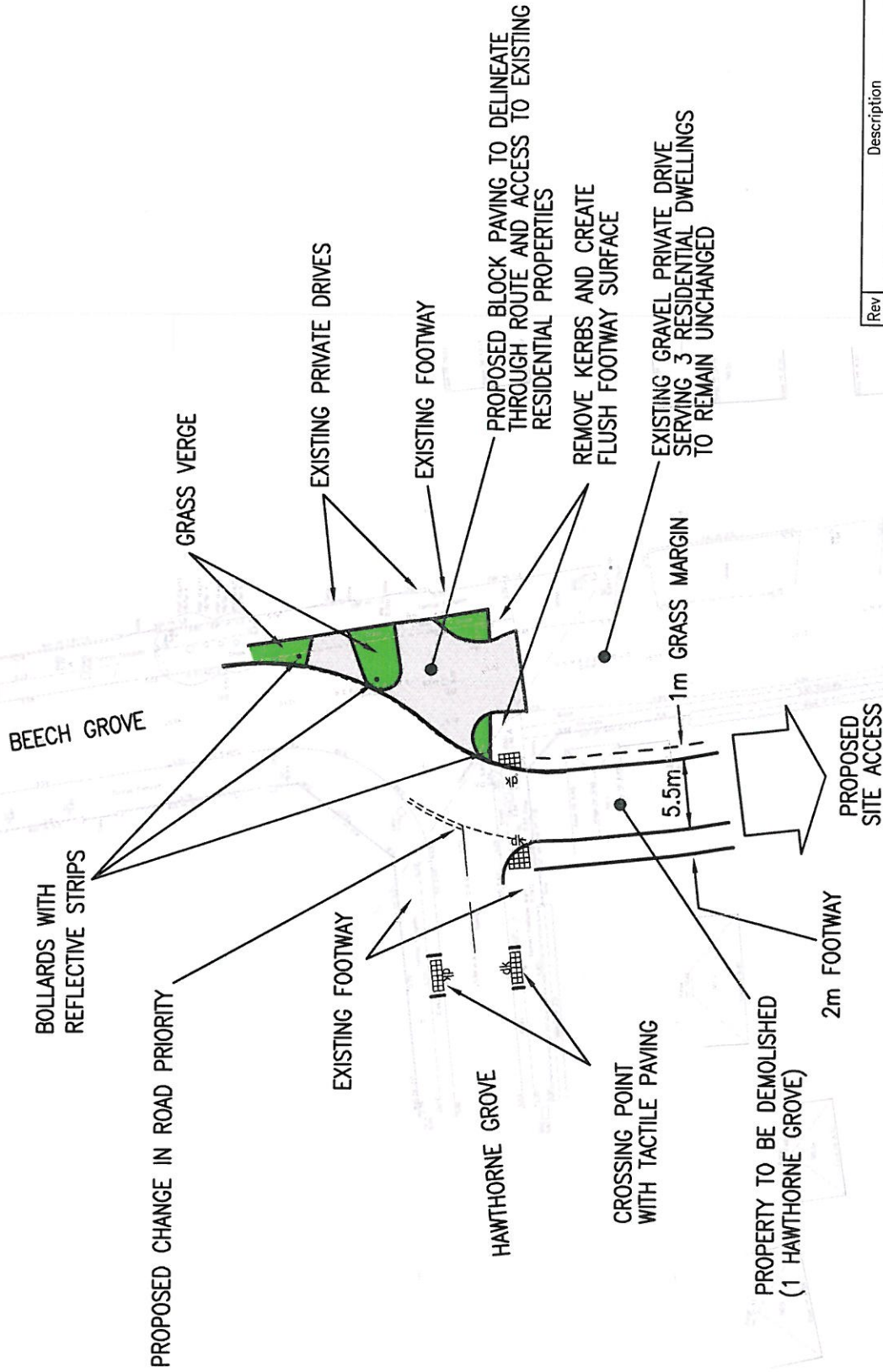
Principal Engineer

Chief Engineer's Decision:

I accept these proposals by the Principal Engineer.

..... Date

Chief Engineer



Rev	Description	Drn	Chk	Date
A	UPDATED TO REFLECT TOPO SURVEY & RSA1	ADW	DLW	SEP 12

REVISIONS

DATE	SEPT '12	DRAWN	JGP	CHECKED	DLW	ISSUE CHECKBOX
DRAWING No.	3726.001	REV.	A	SCALE	1:500	© A4

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JOB TITLE

LAND SOUTH OF BEECH GROVE,
MENGHAM, HAYLING ISLAND

DRAWING TITLE

PROPOSED ACCESS ARRANGEMENTS

TOLCARNE DRIVE

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