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**HARRAS ROAD, HARRAS MOOR,
WHITEHAVEN, CUMBRIA
– PROPOSED ACCESS JUNCTION**

**Stage 1 Road Safety Audit
Client: Homes England**

15/12/2019

Quality Management

Issue Record

ISSUE	REVISION	DESCRIPTION	DATE	PREPARED BY	CHECKED
1	-	Final	15 December 2019	<i>M Hedley</i>	<i>A Bawn</i>
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Harras Road, Harras Moor, Whitehaven, Cumbria – Proposed Access Junction

Stage 1 Road Safety Audit

15/12/2019

Overseeing Organisation

Cumbria County Council

Client

Homes England

Design Organisation

WYG

Road Safety Audit Team Organisation

Road Safety Initiatives LLP

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APPENDIX A – Scheme Documents Issued for Road Safety Audit

APPENDIX B – Location Plan

1 Introduction

- 1.1.1 This report results from a Stage 1 Road Safety Audit carried out on the proposed access junction on Harras Road, Harras Moor, Whitehaven, Cumbria. This is at the request of Mike Smith, WYG (on behalf of the Developer – Homes England).
- 1.1.2 The terms of reference of the Road Safety Audit are as described in DMRB GG 119¹. The Road Safety Audit Team has examined and reported only on the road safety implications in the scheme as presented and has not examined or verified the compliance of the designs to any other criteria.
- 1.1.3 The Road Safety Audit Team membership consisted of:
- | | |
|--------------------|--|
| Team Leader | Mark Hedley , IEng, MCIHT, MSoRSA, FIHE, RegRSA(IHE)
Certificate of Competency in Road Safety Audit gained in Nov 2013
Partner, Road Safety Initiatives LLP |
| Team Member | Alan Bawn , BSc (Hons), CEng, MICE
Consultant, Road Safety Initiatives LLP |
- 1.1.4 The Road Safety Audit was undertaken on the information provided by Mike Smith (Associate, WYG). The Road Safety Audit comprised an examination of the documents provided and listed in **Appendix A**.
- 1.1.5 The Road Safety Audit Team visited the site together on Friday 13 December 2019 between 08:50 and 09:25 hours. It was overcast, and the road surfaces were wet at the time of the site visit. During the site visit, traffic flows were low, and a few pedestrians but no cyclists were observed.
- 1.1.6 Matters which the Terms of Reference exclude from this report, but which the Road Safety Audit Team wishes to draw to the attention of the Overseeing Organisation, will be supplied in a separate document in the covering email to this Road Safety Audit Report.
- 1.1.7 All Road Safety problems are referenced to the design drawings and the locations have been indicated on the plans supplied with the Road Safety Audit Brief in **Appendix B**.
- 1.1.8 This Road Safety Audit will review the road safety aspects of the proposed access junction on Harras Road, Harras Moor, Whitehaven, Cumbria scheme. There are further highway improvements proposed for adjacent committed developments. Whilst these highway works are not part of this Road Safety Audit scope, the combined impact of both schemes will be considered.
- 1.1.9 The objective of the scheme is to provide access arrangements for the proposed development (370 dwellings).
- 1.1.10 The Road Safety Audit Team was not informed of any strategic decisions made and agreed by the Overseeing Organisation.
- 1.1.11 The Road Safety Audit Team was not informed of any Departures from Standards.

¹ At time of preparing this report, there was no Audit Brief, the Highway Authority had not approved the Audit Team and the report was issued directly to WYG (acting on behalf of the developer)

2 Items Raised at previous Road Safety Audits


2.1.1 No previous Road Safety Audit has been undertaken on this scheme beforehand.

3 Items Raised at this Stage 1 Road Safety Audit

3.1 JUNCTIONS

PROBLEM 3.1.1	
Location	Proposed development access junction.
Summary	Potential for large vehicles to reverse, possibly leading to a conflict.
With the road widths and proposed junction radius, the required swept path of larger vehicles to / from the development is unlikely to be achievable in practice. A driver of an LGV or a refuse vehicle may choose to reverse and / or over-run the footways, possibly leading to a conflict.	
RECOMMENDATION	
It is recommended that junction should be checked for the swept paths of larger vehicles. If this is not achieved the junction should be amended accordingly.	

3.2 TRAFFIC SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING

PROBLEM 3.2.1	
Location	Development junction and frontage.
Summary	Potential for a collision in darkness involving vehicles and/or pedestrians.
<p>No new or improved road lighting is indicated on the drawing provided. There will be an increase in vehicular and pedestrian/cyclist activity as a result of the development. There is potential for a collision in darkness involving development traffic and/or vehicle conflicts with pedestrians (or a cyclists) crossing the carriageway.</p> 	
RECOMMENDATION	
It is recommended that the existing lighting along Harras Road in the vicinity of the development is checked for its adequacy and upgraded if needed.	

**** END OF IDENTIFIED PROBLEMS AND RECOMMENDATIONS MADE AT THIS
STAGE 1 ROAD SAFETY AUDIT ****

4 Audit Team Statement

We certify that this Road Safety Audit has been carried out in accordance with GG 119.

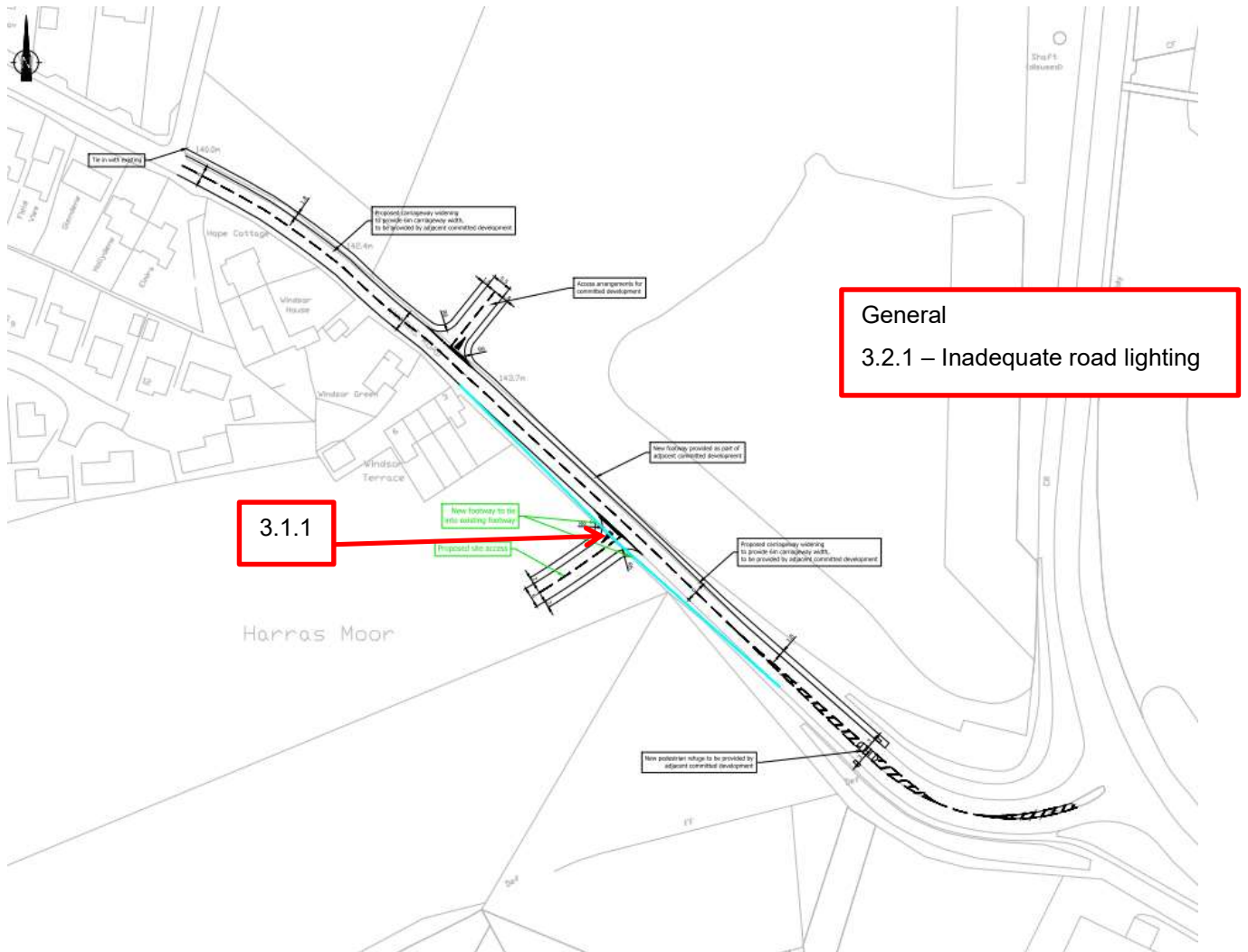
ROAD SAFETY AUDIT TEAM LEADER	
Name:	Mark Hedley
Signed:	
Position:	Partner
Organisation:	Road Safety Initiatives LLP
Date:	15 December 2019
ROAD SAFETY AUDIT TEAM MEMBER	
Name:	Alan Bawn
Signed:	
Position:	Consultant
Organisation:	Road Safety Initiatives LLP
Date:	15 December 2019

Appendices, Figures and Tables

Appendix A: Scheme Documents Issued for Road Safety Audit

DRAWING/DOCUMENT REFERENCE	REV	TITLE
A090070-P002	March 2018	Proposed Site Access Junction Option 1
Transport Assessment Addendum	November 2018 (Issue 2)	Proposed Residential Development, Harras Moor, Whitehaven

Appendix B: Location Plan



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