

Redrow Homes
A48, St Nicholas
Proposed Access Arrangement

Stage 1 Road Safety Audit

February 2015

REPORT CONTROL

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Project: A48, St Nicholas

Client: Redrow Homes

Job Number: 141341

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Appendices

- Appendix A - Site Location Plan**
- Appendix B - General Arrangement Drawing**
- Appendix C - CV of Asa John Plant**

1 INTRODUCTION

- 1.1 This report results from a Stage 1 Road Safety Audit (RSA) carried out on Wednesday 4th February 2015. The audit was carried out on the instructions of the Vectos Planning Team based in the Cardiff Office, on behalf of Redrow Homes.
- 1.2 A site visit was undertaken on Wednesday 4th February 2015 at 12:45 by the Audit Team. The weather was dry and fine. Moderate levels of traffic were generally observed. A site location plan can be found at Appendix A of this report.
- 1.3 The terms of reference of the audit are as set out in HD 19/03 and the Chartered Institution of Highways and Transportation document “Road Safety Audit” 2008). Where appropriate, cognisance has also been taken of the Manual for Streets 1 and 2 (MfS1 and MfS2) and of the guidelines for reducing mobility handicaps. The writers have examined and reported only on road safety implications of the scheme as presented and have not examined or identified the compliance of the design to any other criteria.
- 1.4 The Audit Team has examined and reported only on the road safety implications of the scheme as presented and has not examined or verified the compliance of the designs to any other criteria. However, 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 without touching on technical audit.
- 1.5 The proposals are to provide a new residential access on to A48, St Nicholas.
- 1.6 The Audit Team has been provided with a general arrangement drawing, which can be found at Appendix B:
- Vectos Drawing: W141341_A03 Rev B
- 1.7 Whilst recommendations have been made within this report, there may be equally satisfactory alternatives. The Audit Team will be pleased to consider alternatives if required.

2 QUALIFICATIONS AND EXPERIENCE OF THE REPORT WRITERS

2.1 This Audit has been carried out by the following:

A J PLANT MCIHT, MSoRSA, HA Certificate of Competency – Audit Team Leader
Associate
Vectos

I MEDD MCIHT, FSoRSA - Audit Team Member
Independent Road Safety Consultant

2.2 A summary of the team leader's qualifications and experience can be found in Appendix C of this report.

3 MATTERS ARISING FROM THIS AUDIT

Departures from Standards

- 3.1 The Auditors are not advised of any departures from standards.

Audit Issues

- 3.2 PROBLEM

Location: Layby to the west of the proposed access.

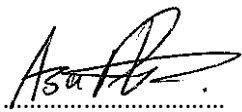
Summary: A parking layby is provided to the west of the proposed access, which will restrict visibility of and from the junction. This could result in conflict between ahead traffic and egressing vehicles.

RECOMMENDATION

Remove existing layby provision to ensure visibility splays can be maintained and free of obstruction.

4 AUDIT TEAM STATEMENT

4.1 I certify that this Audit has been carried out in accordance with the requirements of HD 19/03.

Signed: 
A J PLANT (Audit Team Leader)

Date: 4th February 2015

4.2 A summary of the team leader's qualifications and experience can be found in Appendix C of this report.

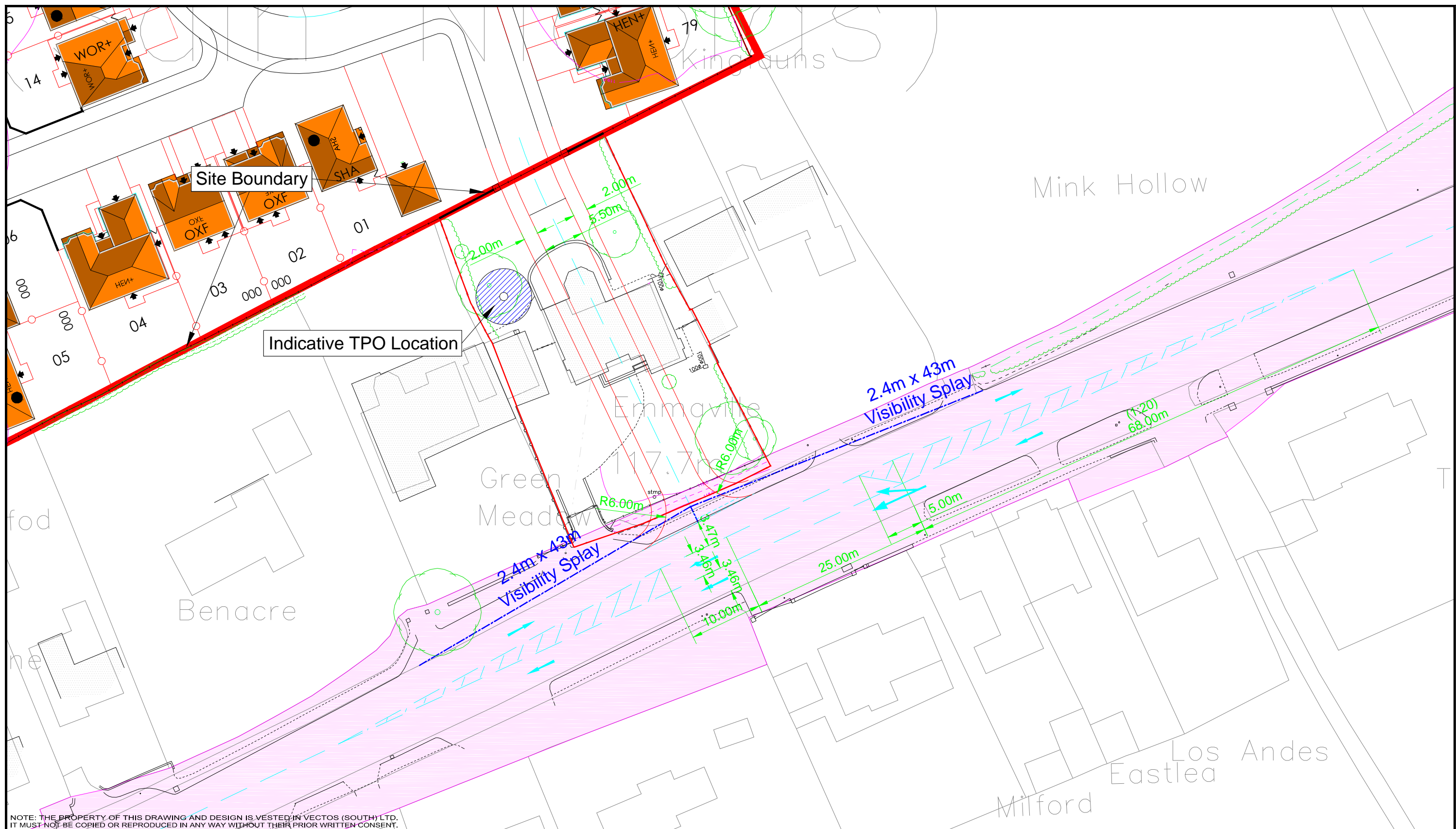
APPENDIX A

Site Location Plan



APPENDIX B

General Arrangement Drawing



NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (SOUTH) LTD. IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.


REV.	DETAILS	DRAWN	CHECKED	DATE
A	Adopted Highway and TPO Added	AP	MT	02.07.14
B	Site internal layout added, access narrowed to 5.5m / 6m radius	AP	MT	30.01.14

Notes:

- This is not a construction drawing and is intended for illustrative purposes only.
- White lining is indicative only.

Legend:

Area of Adopted Highway

St. Nicholas		Redrow Homes	
Potential Ghost Island Right Turn Arrangement with Indicative TPO Location, Adopted Highway Boundary & Site Internal Layout			
<small>10th Floor, Belmont House, Churchill Way, Cardiff CF10 2HE t: 02920 720 860</small>		<small>e: enquiries@vectos.co.uk</small>	
<small>DRAWN:</small> AP	<small>CHECKED:</small> TCB	<small>DATE:</small> 28.01.14	<small>SCALES:</small> 1:500 at A3
<small>DRAWING NUMBER:</small> W141341_A03			<small>REVISION:</small> B

APPENDIX C

CV of Asa John Plant

MCIHT	Member of the Chartered Institution of Highways and Transportation
MSoRSA	Member of the Society of Road Safety Auditors
ROSPA	Road Safety Engineering Accreditation
HA / TMS	Certificate of Competency
asa.plant@vectos.co.uk	
SUMMARY OF EXPERIENCE	
<p>Asa has some 10 years' experience in highway engineering and transport planning, including highway layouts, junction design, junction modelling and 8 years' experience in road safety and remedial engineering.</p> <p>Asa has completed the RoSPA Road Safety and Accident Investigation and Prevention Course run by TMS and has maintained his CPD in this field. Asa's experience includes transport planning and highways design, including junction design and modelling, road safety and remedial engineering.</p> <p>Responsible for project management and advising clients from both the public and private sectors in regard to highways, traffic, transportation and road safety matters relating to various land use development proposals, highway schemes and safety studies. This encompasses the following:</p> <ul style="list-style-type: none"> • Initial site appraisals • Master Planning • Travel Plans • Transport Assessments / Highways Statements • Highway design <p>He regularly acts as a Team Leader / Team Member on the preparation of Safety Audit Reports for Clients in both the Public and Private Sector.</p> <p>He has attended numerous events providing CPD in the fields of safety audit and investigation. Including:</p> <ul style="list-style-type: none"> • ROSPA / TMS - Road Safety Engineering Accident Investigation and Prevention – 10 days • University of Newcastle upon Tyne - Accident Investigation and Prevention – 2 days • TMS - Road Safety Audit – 1 day <p>Asa has obtained the Highways Agency Certificate of Competency in Road Safety Audit. He holds a CSCS Professionally Qualified Persons Card and has attended the HA site induction for Area 4.</p>	
RECENT CPD	
<ul style="list-style-type: none"> • Highways Agency Certificate of Competency TMS – 17th April 2012 to 18th April 2012 (2 days) • Can We Make Our Roads Safer For Cyclists? TMS - 14th May 2013 (1 day) • Non-Motorised User Audits TMS - 23rd May 2013 (1 day) • Traffex Live 2014 - 15th May 2014 (1 day) • TMS Roundabout Audit Workshop - 10th June 2014 (1 day) 	
RECENT AUDITS	
<ul style="list-style-type: none"> • Cane Hill, Coulsden – S1/2 RSA – May 2014 • Fornham All Saints Link Road – S2 RSA – April 2014 • Linpac Site, Woodley – S1/2 RSA – April 2014 • Fernham Road, Faringdon – S1/2 RSA – April 2014 • Rectory Park, Ealing – S2 RSA – February 2014 	