

# **DESIGNERS REPOSE TO STAGE 1 ROAD SAFETY AUDITS**

**THE POPLARS, LAND SOUTH OF CLIFTON ROAD, DEDDINGTON**

**ON BEHALF OF BLUE CEDAR HOMES LIMITED**

## **Pegasus Group**

First Floor | South Wing | Equinox North | Great Park Road | Almondsbury | Bristol | BS32 4QL

**T** 01454 625945 | **F** 01454 618074 | **W** [www.pegasusgroup.co.uk](http://www.pegasusgroup.co.uk)

Birmingham | Bracknell | Bristol | Cambridge | Cirencester | East Midlands | Leeds | Liverpool | London | Manchester | Peterborough

**PLANNING** | **DESIGN** | **ENVIRONMENT** | **ECONOMICS**

## **CONTENTS:**

Page No:

1.	INTRODUCTION	1
2.	DESIGNERS RESPONSE TO STAGE 1 ROAD SAFETY AUDIT OF OPTION 1	2
3.	DESIGNERS RESPONSE TO STAGE 1 ROAD SAFETY AUDIT OF OPTION 2	4
4.	CONCLUSIONS	6

## **APPENDICES:**

APPENDIX A:	PROPOSED SITE ACCESS AND POTENTIAL OFF-SITE MITIGATION WORKS REV B OPTION 1 AND OPTION 2
APPENDIX B:	ROAD SAEFTY AUDIT STAGE 1 (OPTION 1)
APPENDIX C:	ROAD SAFETY AUDIT STAGE 1 (OPTION 2)
APPENDIX D:	PROPOSED SITE ACCESS AND POTENTIAL OFF-SITE MITIGATION WORKS REV C

---

## 1. INTRODUCTION

- 1.1 This report provides a Designers Response on two Stage 1 Road Safety Audits (RSAs) carried out for two options for the proposed site access arrangements serving the development of seven age restricted dwellings on land to the south of the B3041 Clifton Road.
- 1.2 The Stage 1 RSA was requested by Oxfordshire County Council's (OCC) Area Liaison Officers on 27 January 2021 to assess the proposals shown in
- i. P19-1601\_001\_SK Figure 2 Rev B Option 1; and
  - ii. P19-1601\_001\_SK Figure 2 Rev B Option 2.
- 1.3 Both drawings are included at **Appendix A**.
- 1.4 The Stage 1 Road Safety Audits were received by the design team on 11 February 2021 and the recommendations made in the RSAs have been reviewed accordingly. The Stage 1 RSA of Option 1 is included at **Appendix B**, with the Stage 1 RSA of Option 2 included at **Appendix C**.
- 1.5 This report is set out in the same format as the Stage 1 RSA with the RSA recommendations explained by the Auditor. The Designer's Response is provided under the DESIGNERS RESPONSE heading, beneath the auditor recommendation.

## **2. DESIGNERS RESPONSE TO STAGE 1 ROAD SAFETY AUDIT OF OPTION 1**

### **2.1 PROBLEM**

Location – Proposed new access junction

Summary: Potential pull-out type vehicle collisions

At the proposed new access junction, visibility to the left for drivers of vehicles emerging from the development could be restricted by vegetation in the verge. Restricted visibility could lead to a vehicle pulling out into the path of an oncoming eastbound vehicle.



### **RECOMMENDATION**

Adequate visibility splays should be kept free of obstruction, including vegetation and, to ensure that visibility splays remain free of obstruction in the future, the Highway Boundary should be located behind visibility splays.

### **DESIGNERS RESPONSE**

Noted. Junction visibility splays are in excess of what is typically sought for the locally measured speeds (dimensions as shown on the drawings) and the fact that they are in publicly maintainable highway land means that they will be able to remain free of obstruction.

## 2.2 PROBLEM

Location – Proposed new uncontrolled pedestrian crossing on Clifton Road

Summary: Potential hazard for pedestrians

The proposed uncontrolled crossing is located quite close to a bend in the road, and intervisibility between vehicle drivers and pedestrians on the south side of the crossing could be restricted by a high wall. For pedestrians crossing from the south side, visibility to their right could also be restricted by a boundary wall. These potential visibility restrictions could lead to pedestrians stepping out into the path of oncoming vehicles on Clifton Road.



## RECOMMENDATION

The proposed new crossing should be located further to the east, immediately to the west of the remodelled junction with Earls Lane.

## DESIGNERS RESPONSE

Noted. The design has been updated to incorporate this recommendation. P19-1601\_001\_SK Figure 2 Rev C shows the relocated crossing position with suitable pedestrian visibility splays in excess of what is required for the locally measured speeds (dimensions as shown on the drawing) and is included at **Appendix D**.

### 3. DESIGNERS RESPONSE TO STAGE 1 ROAD SAFETY AUDIT OF OPTION 2

#### 3.1 PROBLEM

Location – Proposed new access junction

Summary: Potential pull-out type vehicle collisions

At the proposed new access junction, visibility to the left for drivers of vehicles emerging from the development could be restricted by vegetation in the verge. Restricted visibility could lead to a vehicle pulling out into the path of an oncoming eastbound vehicle.



#### RECOMMENDATION

Adequate visibility splays should be kept free of obstruction, including vegetation and, to ensure that visibility splays remain free of obstruction in the future, the Highway Boundary should be located behind visibility splays.

#### DESIGNERS RESPONSE

Noted. Junction visibility splays are in excess of what is typically sought for the locally measured speeds (dimensions as shown on the drawings) and the fact that they are in publicly maintainable highway land means that they will be able to remain free of obstruction.

### 3.2 PROBLEM

Location – Proposed new uncontrolled pedestrian crossing on Clifton Road

Summary: Potential hazard for pedestrians

The proposed uncontrolled crossing is located on a private driveway access on the south side of Clifton Road. Locating a pedestrian crossing on a private drive could result in conflict between crossing pedestrians and vehicles using the driveway, and lead to collisions between pedestrians and vehicles. This could be exacerbated by pedestrians being required to look for vehicles approaching from three different directions.



### RECOMMENDATION

The proposed new crossing should be located further to the east away from the driveway, immediately to the west of the remodelled junction with Earls Lane.

### DESIGNERS RESPONSE

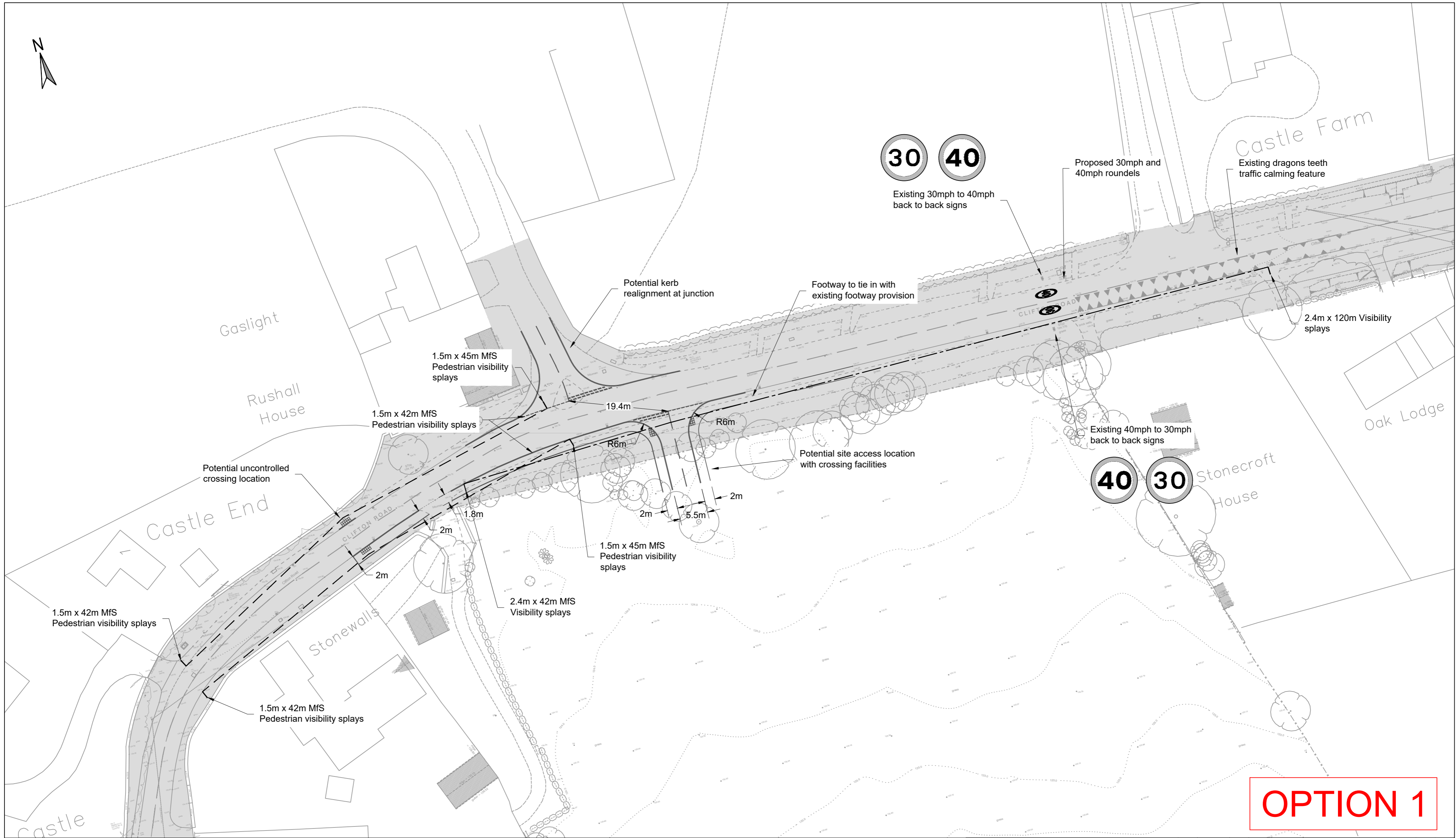
Noted. The design has been updated to incorporate this recommendation. P19-1601\_001\_SK Figure 2 Rev C shows the relocated crossing position with suitable pedestrian visibility splays in excess of what is required for the locally measured speeds (dimensions as shown on the drawing) and is included at **Appendix D**.

#### 4. CONCLUSIONS

- 4.1 All recommendations made with the Stage 1 Road Safety Audits have been reviewed and considered accordingly.
- 4.2 The design shown within P19-1601\_001\_SK Figure 2 Rev B Option 1 and P19-1601\_001\_SK Figure 2 Rev B Option 2 has been updated to incorporate these recommendations.
- 4.3 P19-1601\_001\_SK Figure 2 Rev C shows the updated proposed site access and potential off-site mitigation works and is included at **Appendix D**.



## **APPENDIX A**



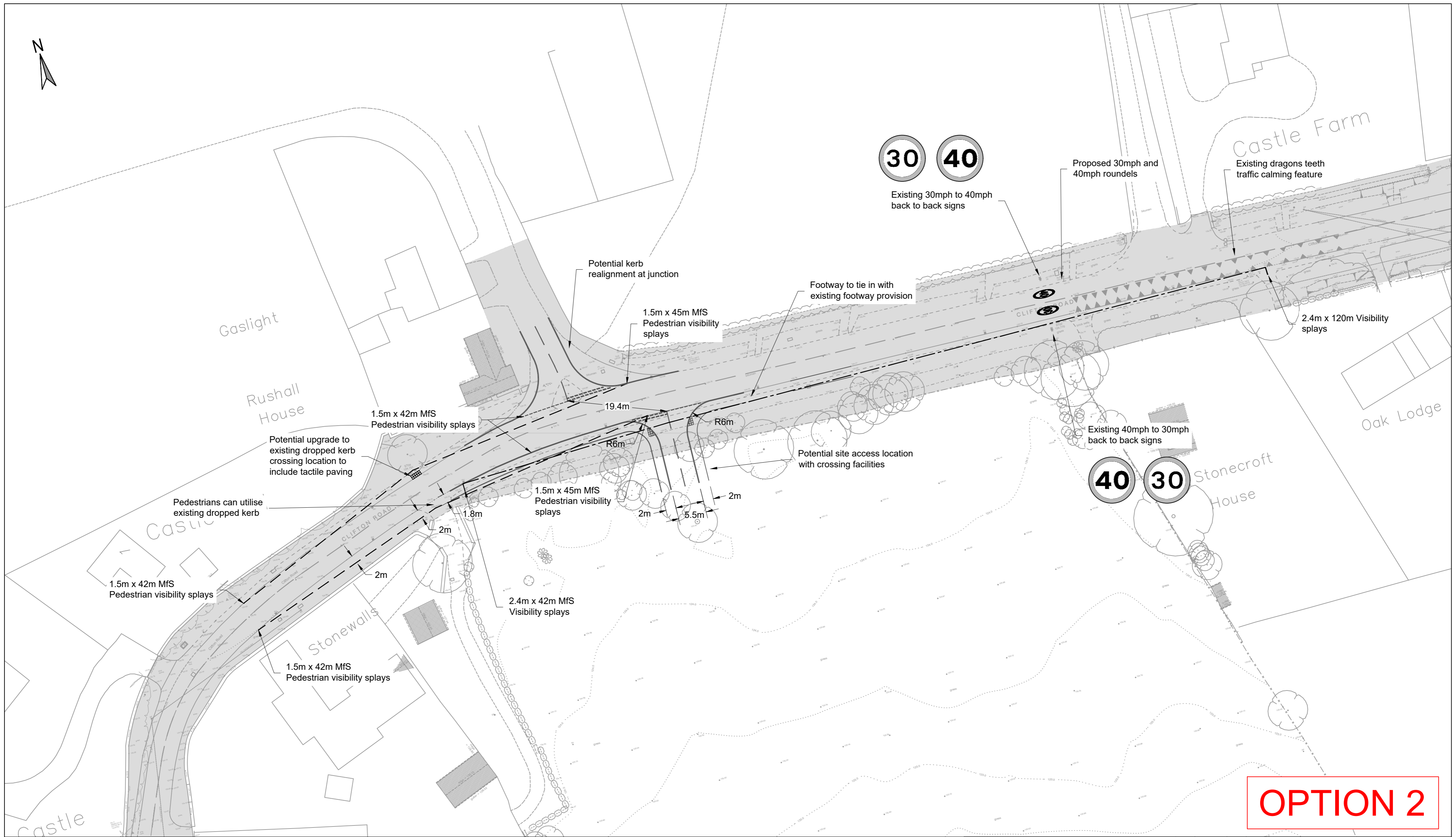
# OPTION 1

**Key:**

	Vehicle visibility splays
	Pedestrian visibility splays
	Approximate extents of adopted highway

- Notes:**
1. This drawing is for illustrative purposes only and is not for construction.
  2. The drawing is to be printed and read in colour and to the stated scale.
  3. If received electronically it is the recipient's responsibility to print to scale.
  4. Highway information has been gained from tm group, search ref: 18366627.

First Floor, South Wing, Equinox North Great Park Road, Almondsbury, Bristol, BS32 4QL  01454 625945 www.pegasusgroup.co.uk Planning   Design   Environment   Economics				REV A B	DATE 12/01/2021 28/01/2021	BY ADWS ADWS	DESCRIPTION CROSSING TO FOOTWAY ON EARLS LANE ADDED CROSSING TO EARLS LANE REMOVED, SITE ACCESS CROSSING RELOCATED CLOSER TO DESIRE LINE	CHK CMR	APD CMR
CLIENT: <b>BLUE CEDAR HOMES</b>		SCALE @ A2: <b>1:500</b>		CHECKED: <b>CMR</b>		APPROVED: <b>CMR</b>			
PROJECT: <b>LAND TO THE SOUTH OF CLIFTON ROAD,          DEDDINGTON</b>		DATE: <b>03/10/2019</b>		DESIGN-DRAWN: <b>ADS</b>		DRAWING TYPE: <b>SK</b>			
TITLE: <b>PROPOSED SITE ACCESS AND POTENTIAL OFF-SITE          MITIGATION WORKS</b>		PROJECT No: <b>P19-1601</b>		DRAWING No: <b>FIGURE 2</b>		REV: <b>B</b>			
Copyright Pegasus Planning Group Ltd. Crown copyright. All rights reserved. Ordnance Survey Copyright Licence number 100042093. Promap: Licence number 100020449. Emapsite Licence number 0100031673. Standard OS licence rights conditions apply. Pegasus accepts no liability for any use of this document other than for its original purpose, or by the original client, or following Pegasus' express agreement to such use. T 01285 641717 www.pegasusppg.co.uk									



# OPTION 2

**Key:**

	Vehicle visibility splays
	Pedestrian visibility splays
	Approximate extents of adopted highway

- Notes:**
1. This drawing is for illustrative purposes only and is not for construction.
  2. The drawing is to be printed and read in colour and to the stated scale.
  3. If received electronically it is the recipients responsibility to print to scale.
  4. Highway information has been gained from tm group, search ref: 18366627.

First Floor, South Wing, Equinox North Great Park Road, Almondsbury, Bristol, BS32 4QL 01454 625945 www.pegasusgroup.co.uk Planning   Design   Environment   Economics				REV A B	DATE 12/01/2021 28/01/2021	BY ADWS ADWS	DESCRIPTION CROSSING TO FOOTWAY ON EARLS LANE ADDED CROSSING TO EARLS LANE REMOVED, SITE ACCESS CROSSING RELOCATED CLOSER TO DESIRE LINE, WESTERN CROSSING RELOCATED TO UTILISE EXISTING DROPPED KERB	CHK CMR	APD CMR
CLIENT: <b>BLUE CEDAR HOMES</b>				SCALE @ A2: <b>1:500</b>		CHECKED: <b>CMR</b>		APPROVED: <b>CMR</b>	
PROJECT: <b>LAND TO THE SOUTH OF CLIFTON ROAD, DEDDINGTON</b>				DATE: <b>03/10/2019</b>		DESIGN-DRAWN: <b>ADS</b>		DRAWING TYPE: <b>SK</b>	
TITLE: <b>PROPOSED SITE ACCESS AND POTENTIAL OFF-SITE MITIGATION WORKS</b>				PROJECT No: <b>P19-1601</b>		DRAWING No: <b>FIGURE 2</b>		REV: <b>B</b>	

Copyright Pegasus Planning Group Ltd. Crown copyright. All rights reserved. Ordnance Survey Copyright Licence number 100042093. Promap: Licence number 100020449. Emapsite Licence number 0100031673. Standard OS licence rights conditions apply. Pegasus accepts no liability for any use of this document other than for its original purpose, or by the original client, or following Pegasus' express agreement to such use. T 01285 641717 www.pegasusppg.co.uk

## **APPENDIX B**

**Clifton Road, Deddington, Banbury  
Proposed Section 278 Works (Option 1)**



**Road Safety Audit Stage 1**

**on behalf of Blue Cedar Homes Ltd**

Andy Paul BEng (Hons); MCIHT  
HE RSA Cert Comp  
Road Safety and Highway  
Engineering Consultant

## Clifton Road, Deddington – Proposed Section 278 Works (Option 1)

### Road Safety Audit Stage 1

---

#### 1 Introduction

- 1.1 This report describes a Stage 1 Road Safety Audit carried out on a proposed Section 278 works on Clifton Road, Deddington, Oxfordshire, on behalf of Blue Cedar Homes Ltd. The audit was carried out on 11<sup>th</sup> February 2021 in the office of Mr Paul.
- 1.2 The Audit Team members were as follows:
- Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant
- Elaine Bingham, BEng (Hons), MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd
- 1.3 The audit comprised an examination of the drawings and other information relating to the scheme supplied by the design office, which is listed in **Appendix A**. The site was visited by the Audit Team together on 11<sup>th</sup> February 2021 between 10.30am and 11am. The weather was dry and cold. Traffic flows were moderate, and pedestrian and cycle flows were very low. However, traffic flows may have been affected by coronavirus travel restrictions.
- 1.4 The terms of reference of the audit are as described in Standard GG 119 (previously HD 19/15). The 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 design to any other criteria.
- 1.5 All of the problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise accident occurrence. Comments and recommendations are indicated on the plan in **Appendix B**.
- 1.6 The scheme consists of the provision of a new vehicle access off Clifton Road, Deddington, associated with a proposed development on land to the south of Clifton Road, and includes a new pedestrian crossing point across Clifton Road to the west of the proposed access together with alterations to the junction with Earls Lane.

## 2 Items resulting from this Stage 1 Audit

### 2.1 PROBLEM

Location – Proposed new access junction

Summary: Potential pull-out type vehicle collisions

At the proposed new access junction, visibility to the left for drivers of vehicles emerging from the development could be restricted by vegetation in the verge. Restricted visibility could lead to a vehicle pulling out into the path of an oncoming eastbound vehicle.



### RECOMMENDATION

Adequate visibility splays should be kept free of obstruction, including vegetation and, to ensure that visibility splays remain free of obstruction in the future, the Highway Boundary should be located behind visibility splays.

## 2.2 PROBLEM

Location – Proposed new uncontrolled pedestrian crossing on Clifton Road

Summary: Potential hazard for pedestrians

The proposed uncontrolled crossing is located quite close to a bend in the road, and intervisibility between vehicle drivers and pedestrians on the south side of the crossing could be restricted by a high wall. For pedestrians crossing from the south side, visibility to their right could also be restricted by a boundary wall. These potential visibility restrictions could lead to pedestrians stepping out into the path of oncoming vehicles on Clifton Road.



## RECOMMENDATION

The proposed new crossing should be located further to the east, immediately to the west of the remodelled junction with Earls Lane.

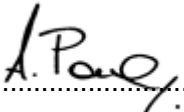


### 3 Audit Team Statement

We certify that the terms of reference of the audit are as described in DMRB GG 119.

#### Audit Team Leader

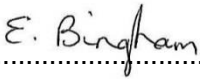
Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant

Signed .....  .....

Date ..... 11<sup>th</sup> February 2021 .....

#### Audit Team Member

Elaine Bingham, BEng (Hons), MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd

Signed .....  .....

Date ..... 11<sup>th</sup> February 2021 .....

## **APPENDIX A**

### **Information Provided**

#### **List of Drawings Examined:**

Drawing No. P19-1601 Figure 2 Rev B – Option 1

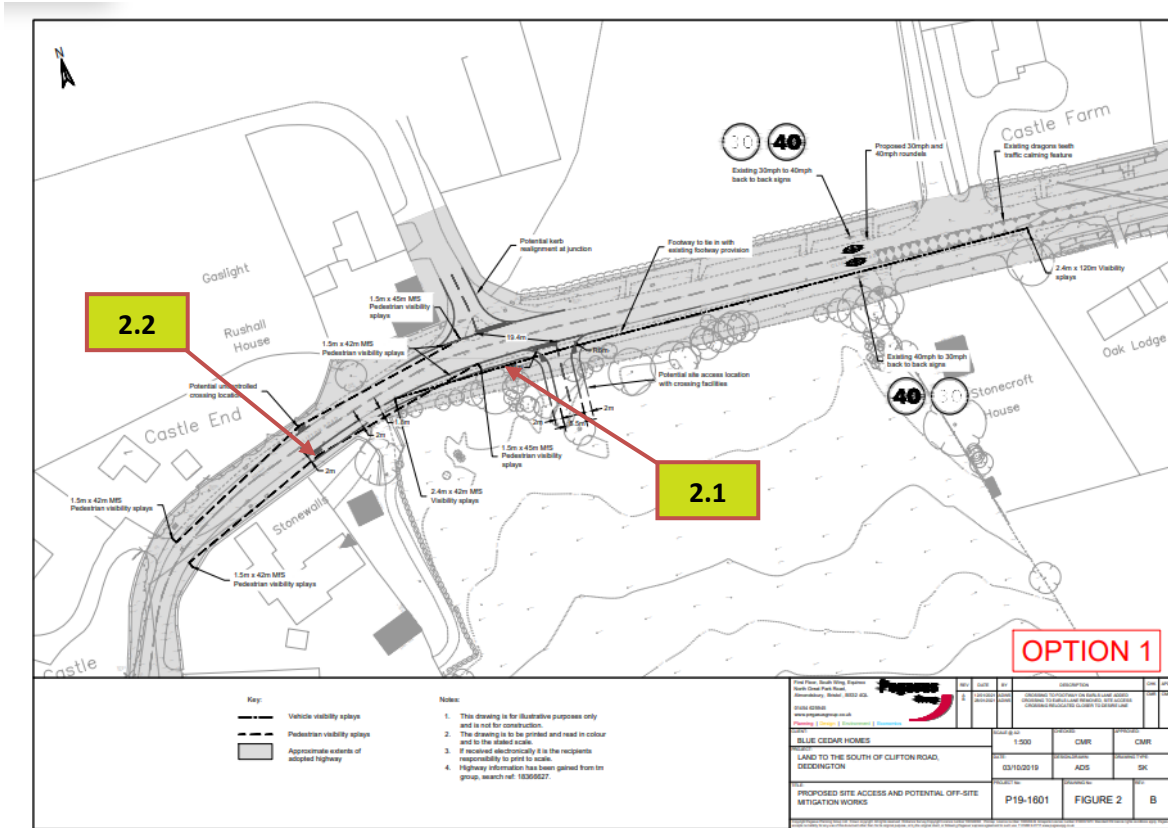
#### **Other Information Provided:**

ATC Speed Measurements

Adopted Highway Extents Map

## APPENDIX B

### Location of Problems



## **APPENDIX C**

**Clifton Road, Deddington, Banbury  
Proposed Section 278 Works (Option 2)**



**Road Safety Audit Stage 1**

**on behalf of Blue Cedar Homes Ltd**

Andy Paul BEng (Hons); MCIHT  
HE RSA Cert Comp  
Road Safety and Highway  
Engineering Consultant

## Clifton Road, Deddington – Proposed Section 278 Works (Option 2)

### Road Safety Audit Stage 1

---

#### 1 Introduction

- 1.1 This report describes a Stage 1 Road Safety Audit carried out on a proposed Section 278 works on Clifton Road, Deddington, Oxfordshire, on behalf of Blue Cedar Homes Ltd. The audit was carried out on 11<sup>th</sup> February 2021 in the office of Mr Paul.
- 1.2 The Audit Team members were as follows:
- Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant
- Elaine Bingham, BEng (Hons), MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd
- 1.3 The audit comprised an examination of the drawings and other information relating to the scheme supplied by the design office, which is listed in **Appendix A**. The site was visited by the Audit Team together on 11<sup>th</sup> February 2021 between 10.30am and 11am. The weather was dry and cold. Traffic flows were moderate, and pedestrian and cycle flows were very low. However, traffic flows may have been affected by coronavirus travel restrictions.
- 1.4 The terms of reference of the audit are as described in Standard GG 119 (previously HD 19/15). The 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 design to any other criteria.
- 1.5 All of the problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise accident occurrence. Comments and recommendations are indicated on the plan in **Appendix B**.
- 1.6 The scheme consists of the provision of a new vehicle access off Clifton Road, Deddington, associated with a proposed development on land to the south of Clifton Road, and includes a new pedestrian crossing point across Clifton Road to the west of the proposed access together with alterations to the junction with Earls Lane.

## 2 Items resulting from this Stage 1 Audit

### 2.1 PROBLEM

Location – Proposed new access junction

Summary: Potential pull-out type vehicle collisions

At the proposed new access junction, visibility to the left for drivers of vehicles emerging from the development could be restricted by vegetation in the verge. Restricted visibility could lead to a vehicle pulling out into the path of an oncoming eastbound vehicle.



### RECOMMENDATION

Adequate visibility splays should be kept free of obstruction, including vegetation and, to ensure that visibility splays remain free of obstruction in the future, the Highway Boundary should be located behind visibility splays.

## 2.2 PROBLEM

Location – Proposed new uncontrolled pedestrian crossing on Clifton Road

Summary: Potential hazard for pedestrians

The proposed uncontrolled crossing is located on a private driveway access on the south side of Clifton Road. Locating a pedestrian crossing on a private drive could result in conflict between crossing pedestrians and vehicles using the driveway, and lead to collisions between pedestrians and vehicles. This could be exacerbated by pedestrians being required to look for vehicles approaching from three different directions.



## RECOMMENDATION

The proposed new crossing should be located further to the east away from the driveway, immediately to the west of the remodelled junction with Earls Lane.

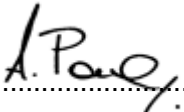


### 3 Audit Team Statement

We certify that the terms of reference of the audit are as described in DMRB GG 119.

#### Audit Team Leader

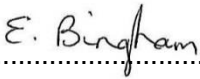
Andy Paul - BEng (Hons), MCIHT  
HE Approved Certificate of Competence  
Road Safety and Highway Engineering Consultant

Signed .....  .....

Date ..... 11<sup>th</sup> February 2021 .....

#### Audit Team Member

Elaine Bingham, BEng (Hons), MCIHT, MSoRSA  
HE Approved Certificate of Competence  
Road Safety Consulting Ltd

Signed .....  .....

Date ..... 11<sup>th</sup> February 2021 .....

## **APPENDIX A**

### **Information Provided**

#### **List of Drawings Examined:**

Drawing No. P19-1601 Figure 2 Rev B – Option 2

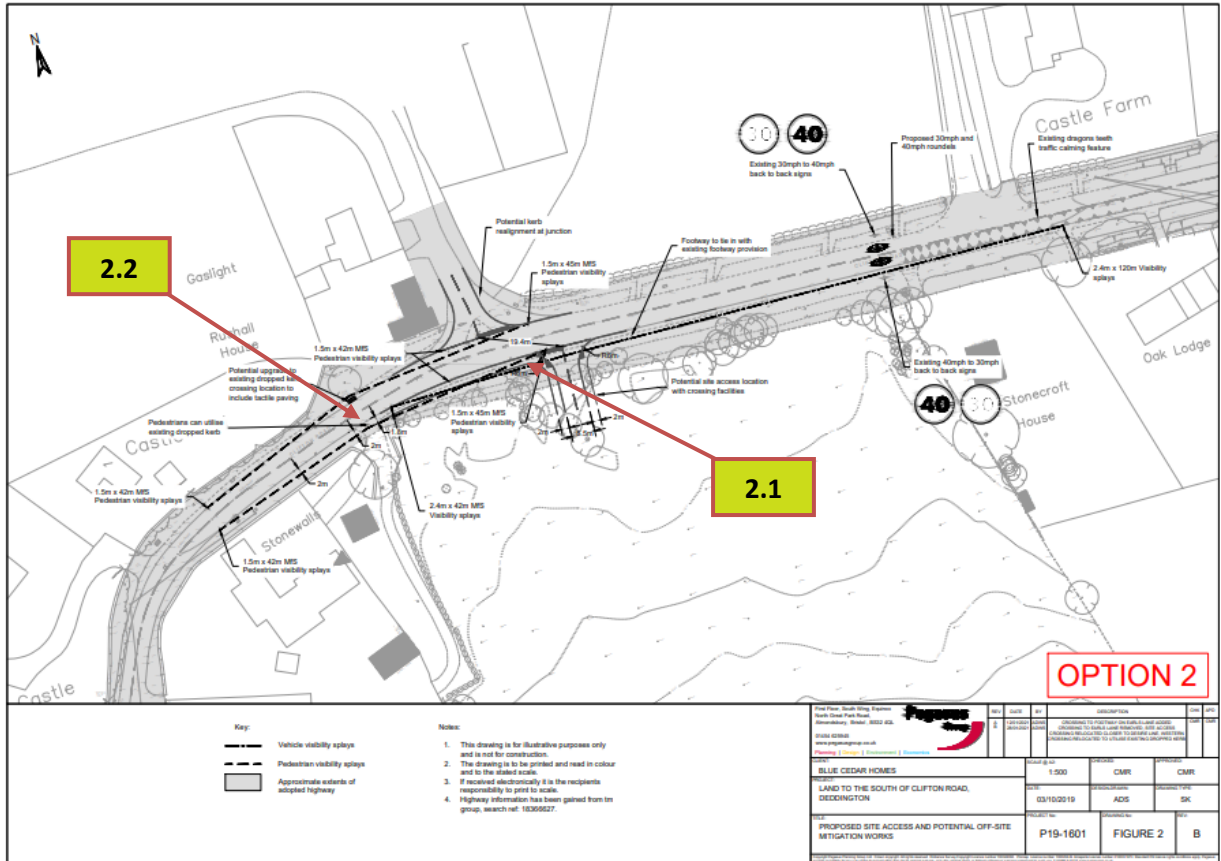
#### **Other Information Provided:**

ATC Speed Measurements

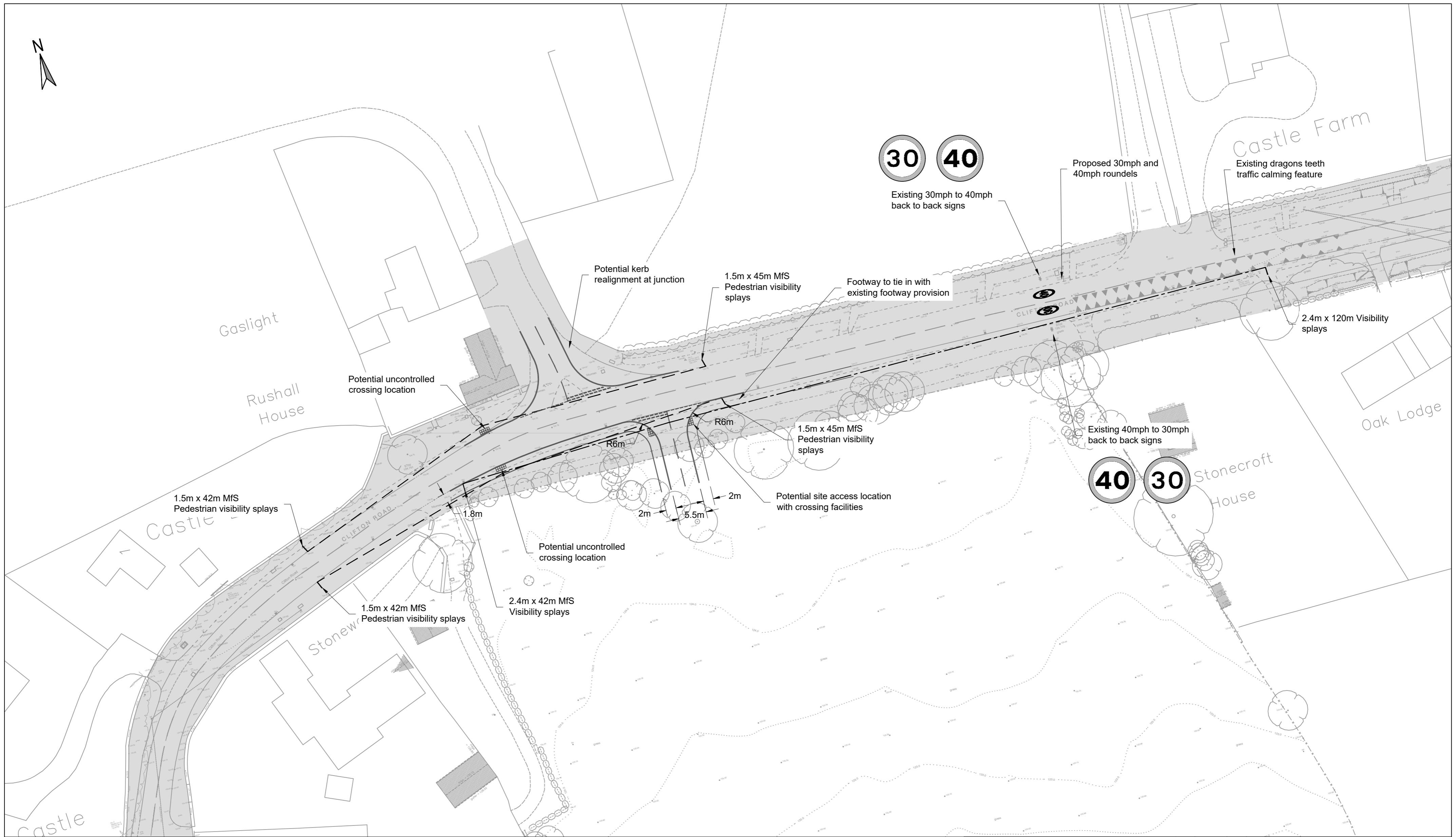
Adopted Highway Extents Map

## APPENDIX B

### Location of Problems



## **APPENDIX D**



**Key:**

	Vehicle visibility splays
	Pedestrian visibility splays
	Approximate extents of adopted highway

- Notes:**
1. This drawing is for illustrative purposes only and is not for construction.
  2. The drawing is to be printed and read in colour and to the stated scale.
  3. If received electronically it is the recipients responsibility to print to scale.
  4. Highway information has been gained from tm group, search ref: 18366627.

First Floor, South Wing, Equinox North Great Park Road, Almondsbury, Bristol, BS32 4QL  01454 625945 www.pegasusgroup.co.uk Planning   Design   Environment   Economics				REV A B C	DATE 12/01/2021 28/01/2021 12/02/2021	BY ADWS ADWS ADWS	DESCRIPTION CROSSING TO FOOTWAY ON EARLS LANE ADDED CROSSING TO EARLS LANE REMOVED, SITE ACCESS CROSSING RELOCATED CLOSER TO DESIRE LINE CROSSING LOCATION RELOCATED TO THE WEST OF EARLS LANE JUNCTION FOLLOWING RECEIPT OF STAGE 1 RSA	CHK CMR CMR CMR	APD CMR CMR CMR
CLIENT: <b>BLUE CEDAR HOMES</b>		SCALE @ A2: <b>1:500</b>		CHECKED: <b>CMR</b>		APPROVED: <b>CMR</b>			
PROJECT: <b>LAND TO THE SOUTH OF CLIFTON ROAD,          DEDDINGTON</b>		DATE: <b>03/10/2019</b>		DESIGN-DRAWN: <b>ADS</b>		DRAWING TYPE: <b>SK</b>			
TITLE: <b>PROPOSED SITE ACCESS AND POTENTIAL OFF-SITE          MITIGATION WORKS</b>		PROJECT No: <b>P19-1601</b>		DRAWING No: <b>FIGURE 2</b>		REV: <b>C</b>			

Copyright Pegasus Planning Group Ltd. Crown copyright. All rights reserved. Ordnance Survey Copyright Licence number 100042093. Promap: Licence number 100020049. Emapsite Licence number 0100031673. Standard OS licence rights conditions apply. Pegasus accepts no liability for any use of this document other than for its original purpose, or by the original client, or following Pegasus' express agreement to such use. T 01285 641717 www.pegasusppg.co.uk