

Road Safety Answers

Road Safety Audit Stage 1

**Access to New Keystone Centre, Eldon Way,
Littlehampton**



Client: Bright Plan

Road Safety Answers reference no: RSA503

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Registered address: 17 McDermott Road, Borough Green, Sevenoaks, Kent, TN15 8SA
www.roadsafetyanswers.co.uk paulmartin@roadsafetyanswers.co.uk
VAT registration number: 258 9498 33

Control Sheet

	Name	Date	Signature
Author	Paul Martin	15/12/2021	
Checker	Paul Nevard	15/12/2021	
Authoriser	Paul Martin	15/12/2021	

Report Version

RSA Report Ref.	Version	Date of Issue
RSA503	Final	15/12/2021

1. Introduction

1.1 This report describes a Stage 1 Road Safety Audit carried out on the preliminary design for Section 278 Works associated with access to the New Keystone Centre, Eldon Way, Littlehampton, for Bright Plan, at the request of West Sussex County Council. The audit was carried out in the office of Road Safety Answers Ltd during December 2021.

1.2 The audit team members were as follows:

Team Leader

Paul Martin - BSc (Hons), CEng, FCIHT, FSoRSA, IEng, MICE
HE Approved RSA Certificate of Competency (2013)
Director, Road Safety Answers Ltd

Team Member

Paul Nevard – MSc, BA (Hons) CMILT, MCIHT, MSoRSA
HE Approved RSA Certificate of Competency
Independent Road Safety Consultant

1.3 The audit comprised an examination of the documents listed in **Appendix A**, and included the drawings supplied by Alex Budd of Bright Plan. The site was visited by the Audit Team, together, on 15th December 2021 between 10.00 and 10.30 hours. The weather was cloudy with spots of rain and the road surface was damp. Traffic, pedestrian and cycle flows were light in Eldon Way.

1.4 The terms of reference of the audit are as described in the UK's national standard for road safety audit, GG 119. 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 the problems described in this report are considered by the audit team to require action to improve the safety of the scheme and minimise accident occurrence. A plan showing the scheme, and the locations of any problems found during this audit, is shown in **Appendix B**.

1.6 The purpose of the scheme is to provide access to the New Keystone Centre, Eldon Way, Littlehampton.

1.7 The scheme consists of the following elements:

- A new 6m wide dropped kerb access on Eldon Way, approximately 45 south-west of Clun Road, with visibility splays onto Eldon Way of 2.4m x 43m in each direction, commensurate with the prevailing 30mph speed limit;

- ✗ An uncontrolled pedestrian crossing, 7m south-west of the new access, with dropped kerbs and tactile paving.
- 1.8 No details of alterations to street lighting and advanced signing have been provided. These issues are not, therefore, considered further in this report unless the existing facilities, or lack of them, is likely to engender a safety problem.
- 1.9 The auditors are not aware of any previous road safety audits on these, or similar, proposals.

2. Items resulting from this Combined Stage 1 & 2 Audit

2.1 PROBLEM

Location: A – Eldon Way at the uncontrolled pedestrian crossing and vehicular access.

Summary: Risk of collisions between passing traffic, vehicles leaving the car park and pedestrians using the uncontrolled crossing.

The Keystone Centre is located at the edge of a light industrial area and a residential area, Eldon Way being an industrial standard road, 7.3m in width. As a result, vehicles relating to the industrial use sometimes park along Eldon Way. Photo 1 shows a cherry picker light goods vehicle parked approximately where the uncontrolled pedestrian crossing is proposed. The road is wide enough for vehicles to park on each side, allowing a single lane in the middle through which opposing vehicles have to give way to one another. If this parking coincides with the opening hours of the Keystone Centre on each side of Eldon Way, pedestrians will have to cross between parked vehicles, their inter-visibility with approaching traffic compromised, increasing their risk of collisions with such traffic. Vehicular movements to and from the proposed access will also be difficult, inter-visibility with approaching traffic again compromised, increasing their risk of collisions.



Photo 1: Location of proposed uncontrolled pedestrian crossing

RECOMMENDATION

The uncontrolled pedestrian crossing, and the proposed vehicular access, should be kept clear of parked vehicles using suitable measures, perhaps by extending the waiting restrictions at the junction of Eldon Way and Clun Road and converting them to At Any time waiting restrictions.

Design Team Response:

Client Officer Response:

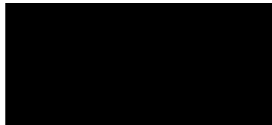
3. Audit Team Statement

We certify that this road safety audit has been carried out in accordance with GG 119, with the exception that Designer and Highway Authority response sections have been added to each problem, and a signing off chapter added for the convenience of both parties.

Audit Team Leader

Paul Martin - BSc (Hons), CEng, FCIHT, FSoRSA, IEng, MICE
HE Approved RSA Certificate of Competency
Director, Road Safety Answers Ltd

Signed

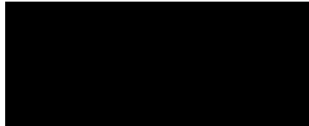


Date 15/12/2021

Audit Team Member

Paul Nevard – MSc, BA (Hons) CMILT, MCIHT, MSoRSA
HE Approved RSA Certificate of Competency
Independent Road Safety Consultant

Signed



Date 15/12/2021

Road Safety Answers Ltd
17, McDermott Road
Borough Green
Sevenoaks
Kent, TN15 8SA

☐ + 44 (0) 7710 980 141
☐ paulmartin@roadsafetyanswers.co.uk
☐ www.roadsafetyanswers.co.uk

4. Design Team and Overseeing Organisation Statements

Design Team Leader

I certify that I have reviewed the items raised in this Stage 1 Safety Audit report. I have given due consideration to each issue raised and have stated my proposed course of action for each in this report. I seek the Overseeing Organisation's endorsement of my proposals.

Name:

Organisation:

Signed:

Date:

Overseeing Organisation Project Manager

I certify that I have reviewed the comments and actions proposed by the Design Team Leader and, in this report, I have stated my agreement, or alternative proposal, or acceptance of the risk associated with the problem.

Name:

Organisation:

Signed:

Date:



Scheme: New Keystone Centre, Littlehampton

Client: Bright Plan (Highway Authority: West Sussex County Council)

Appendix A

Drawings and Documents Examined:

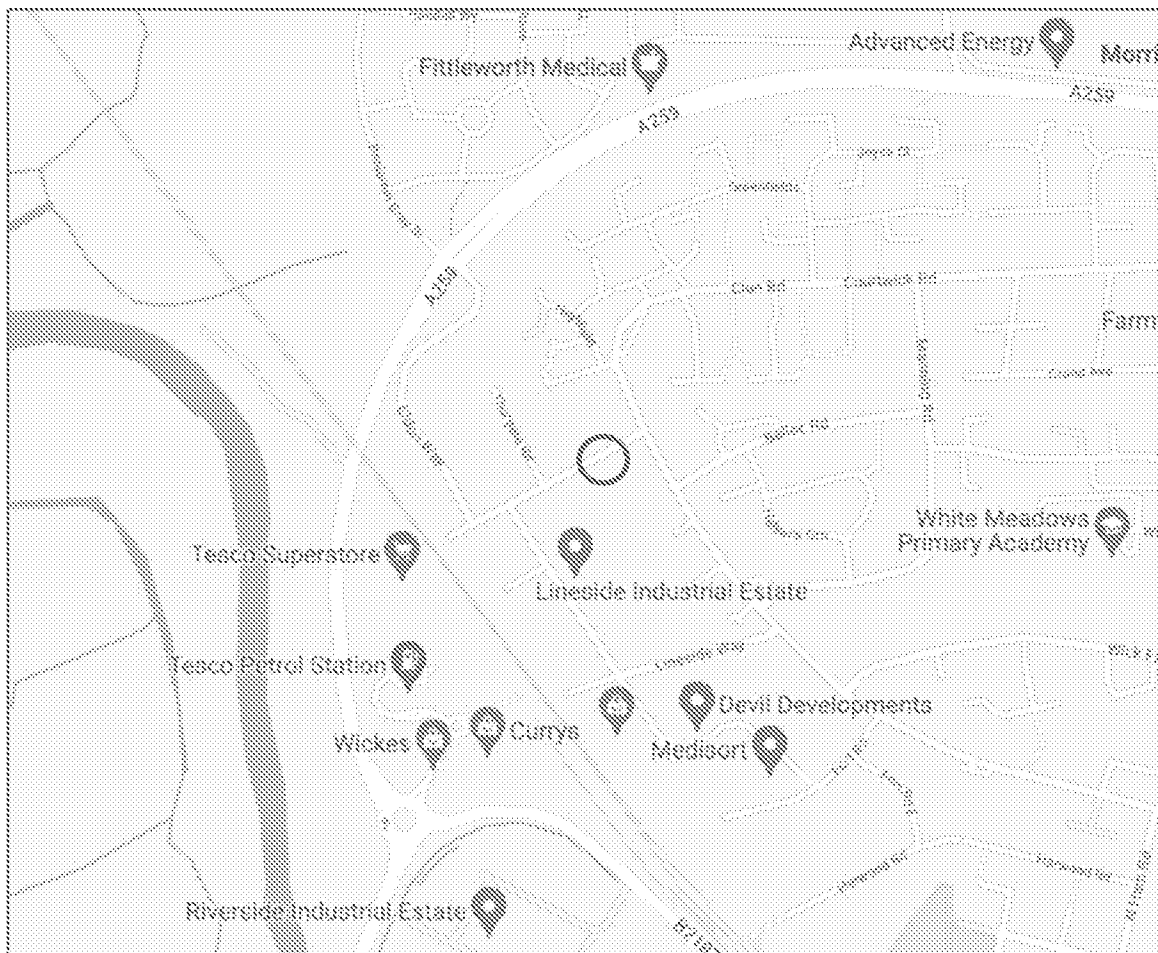
2021-6313-000 Rev B.pdf

2021-6313-001 Rev C.pdf

2021-6313-002 Rev B.pdf

Appendix B

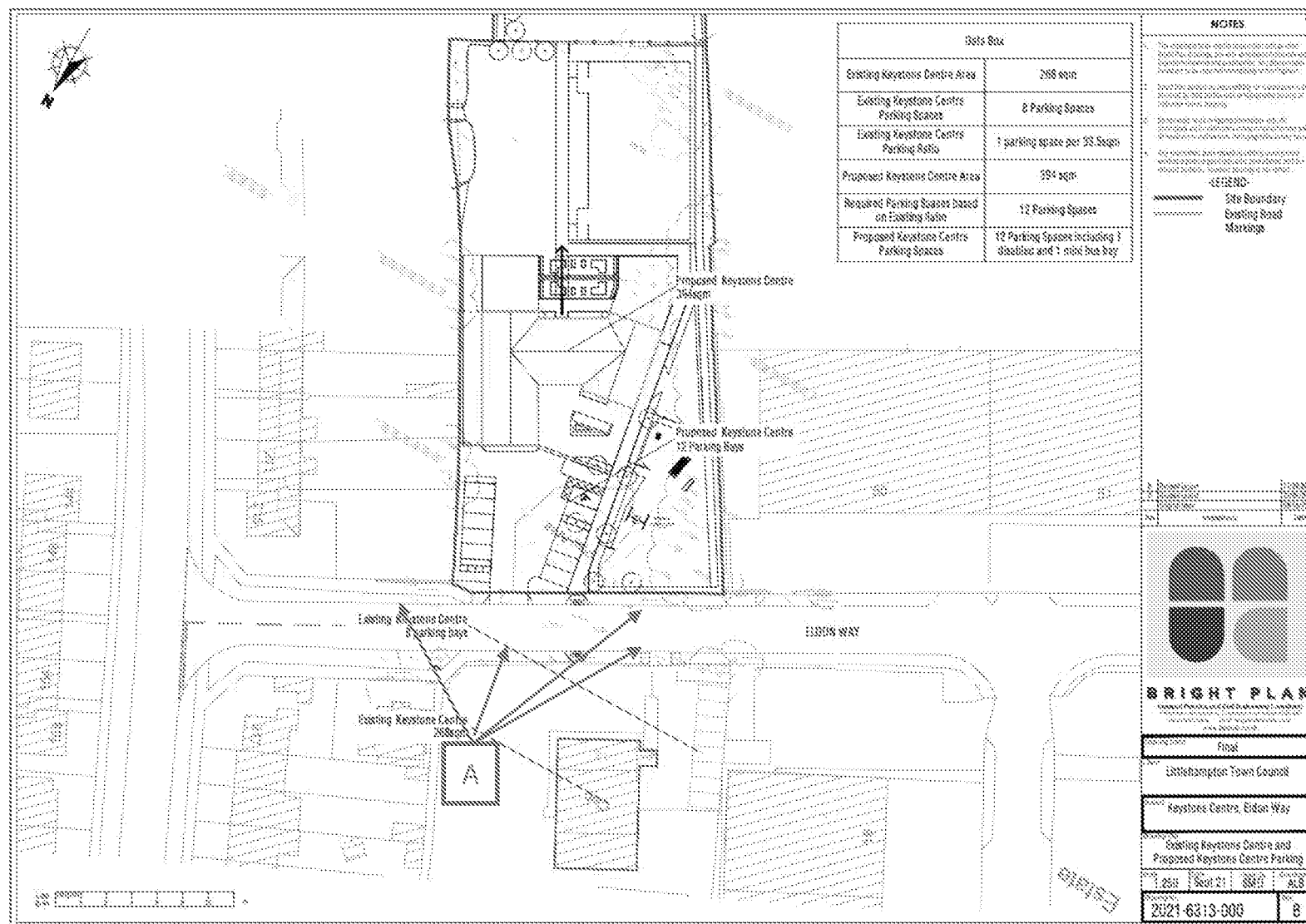
The following plan shows the location of the scheme

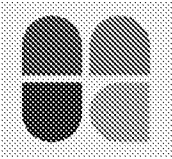


Scheme: New Keystone Centre, Littlehampton

Client: Bright Plan (Highway Authority: West Sussex County Council)

Scheme Plan





STAGE 1 ROAD SAFETY AUDIT DESIGNER'S RESPONSE

Auditor: Paul Martin – Road Safety Answers
Audit Reference: RSA503
Date Response Completed: 15/12/2021
Scheme: Access to new Keystone Centre, Eldon Way, Littlehampton

This response is to a Stage 1 Road Safety Audit prepared in accordance with General Principles and Scheme Governance General Information, GG 119, Road Safety Audit.

Problem no.	Problem Accepted (yes/no)	Recommended Measure Accepted (yes/no)	Design Organisation Response	Over Seeing Organisation Response	Agreed RSA Action
2.1	Yes	Yes	Recommendation enhanced to double yellow lines to ensure that no parking takes place in the vicinity of the proposed vehicle crossover and pedestrian crossing facilities. The existing single yellow line TRO is active between the hours of 8am – 6pm Mon – Sat, this would not necessarily coincide with proposed operating hours.		

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

On behalf of the Design Organisation, I certify that the RSA actions identified in response to the RSA problems have been discussed and agreed with the Overseeing Organisation	On behalf of the Overseeing Organisation, I certify that: 1. The RSA actions identified in response to the RSA problems have been discussed and agreed with the Design Organisation. 2. The agreed RSA actions will be progressed
Name: Alex Budd	Name:
Signed: 	Signed:
Position: Director	Position:
Organisation: Bright Plan Ltd	Organisation: West Sussex County Council
Date: 22/12/2021	Date: