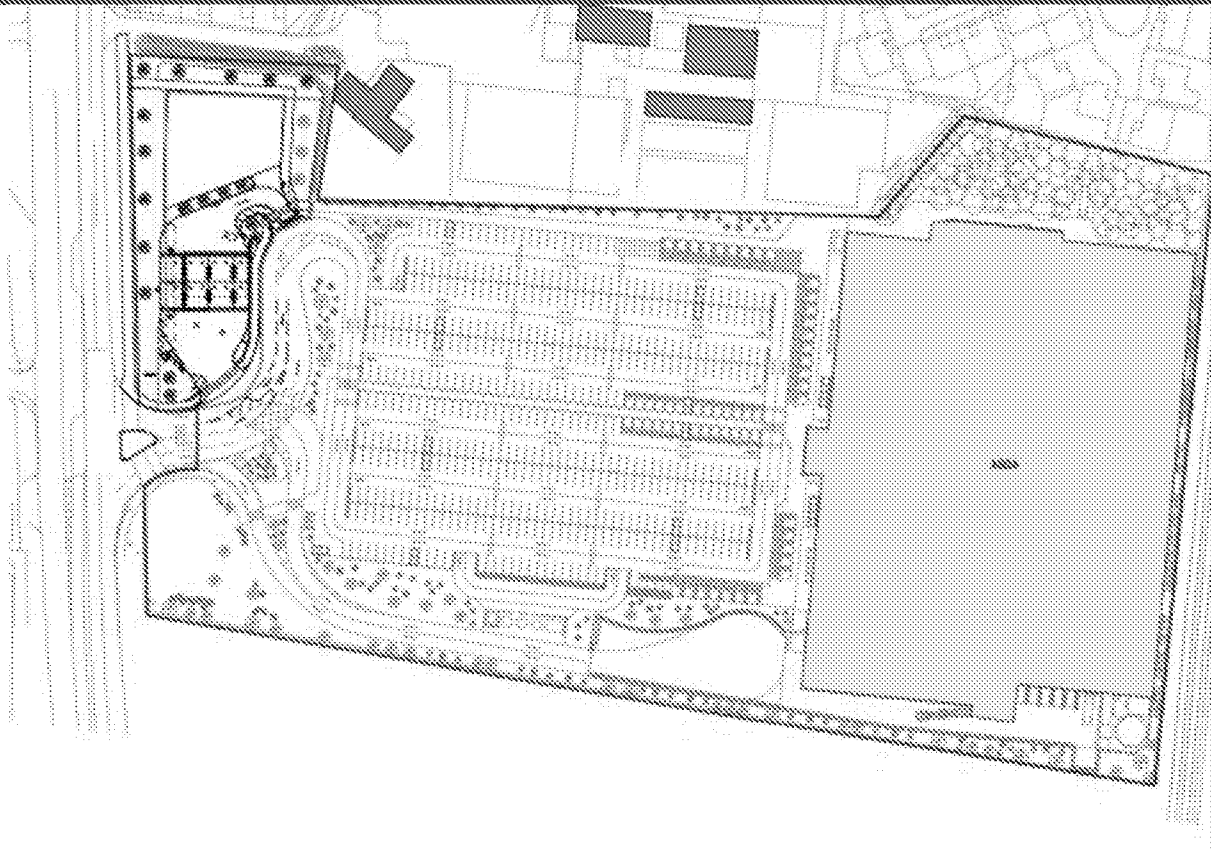


STAGE 1 ROAD SAFETY AUDIT REPORT FOR
PETROL FILLING STATION, ASDA,
LITTLEHAMPTON ROAD, FERRING, WEST SUSSEX.

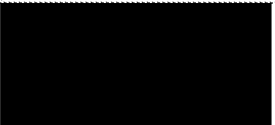


Report Ref 57018(1)A

Issue Date 31-May-18

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Issue / Revision	Issue 1	Revision A	Revision B	Revision C
Remarks / Status	Final	Para 3.4		
Prepared by	B Wyllie	B Wyllie		
Signature				
Checked by	D Lodge	D Lodge		
Signature				
Issued by	B Wyllie	B Wyllie		
Signature				
Report No	57018(1)	57018(1/A)		
Date Issued	23/05/2018	31/05/2018		

PFS ASDA, Ferring
Road Safety Audit Stage 1

1. INTRODUCTION.

1.1. The objective of a Road Safety Audit is to identify any aspects of a road design or construction scheme that gives rise to road safety concerns and, where possible, to suggest modifications that would improve the road safety of the resultant scheme. This report results from a Stage 1 Road Safety Audit carried out on the introduction of a petrol filling station to an ASDA superstore site on the A259, Littlehampton Road, Ferring, West Sussex. The Audit was requested by SYSTRA Ltd (SYSTRA) and was carried out by Wyllie Lodge Ltd, Independent Road Safety Consultants.

1.2. The Audit Team members were;

Audit Team Leader	Blair Wyllie, I Eng, MCIHT, MSoRSA
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Audit Team Member	David Lodge, BSc, MSc, CMILT, MCIHT, MSoRSA.
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PFS ASDA, Ferring
Road Safety Audit Stage 1

2. SCHEME DETAILS.

2.1 The development consists of a petrol filling station (PFS) to be constructed wholly within the boundary of an existing Asda superstore in Ferring. The PFS is to have 6 pumps giving 12 filling positions and will operate as a “Pay at Pump” facility only. It is to be built on land within the Asda site that is not part of its assigned parking provision, and will be accessed from the internal store access road near to its junction with the A259 Littlehampton Road Ferring. The A259 is an urban two lane dual carriageway at this location and the T-junction to the ASDA store is controlled by traffic signals.

2.2 The information made available for the audit is listed below;

Drawing Ref.	Title
1731FW/200_02	ASDA Ferring PFS Littlehampton Road, Ferring, BN12 6PN Existing Site Plan
1731FW/200_01	ASDA Ferring PFS Littlehampton Road, Ferring, BN12 6PN Proposed Site Plan
Document Ref.	Title
18_10A (Ferring Worthing)	Transport Statement – SYSTRA dated 15/5/2018

2.3 Road traffic collision information has also been retrieved from Crashmap.co.uk. This shows 3 slight injury collisions over a 5 year period at the signalised junction of the A259 and the store access. This is a rate of 0.6 collisions per year. By comparison the rate for all class of casualty collisions at traffic signalised junction in London is 1.87 collisions per year¹.

¹ Collision Levels in Greater London (2011-2013) TfL Table 4.3

3. PROCEDURE

- 3.1. The audit was carried out generally in accordance with procedures set out in HD 19/15 of the Design Manual for Roads and Bridges (DMRB). The audit was a desktop exercise as the client requested that no site visit was carried out. The Road Safety Audit procedure is not an examination or verification of compliance to a design standard. The recommendations in this report are considered by the audit team to be appropriate and proportionate to the concerns and problems identified.
- 3.2. The audit was carried out between 23rd and 24th May 2018 at the offices of Wyllie Lodge.
- 3.3. In accordance with HD 19/15 the Project Sponsor should consider the recommendations contained within this audit. In doing so, the Project Sponsor may consult with the Design Team. If any item is considered insignificant, irrelevant or impractical the Project Sponsor shall prepare an Exception Report for consideration and a final decision by the Director. The Project Sponsor should then issue all approved Exception Reports along with any agreed alternative to the Design Team and copied to the Audit Team.
- 3.4. For the purposes of this audit the following are defined as:

Organisation	Contact
Overseeing Organisation	Arun District Council
Director	Head of Planning, Arun District Council
Project Sponsor	Development Control Officer, Arun District Council
3 rd Party Organisation / Project Promoter	ASDA
Design Organisation	CA Design
Road Safety Audit Organisation	Wyllie Lodge Limited.

PFS ASDA, Ferring
Road Safety Audit Stage 1

4. ITEMS RAISED IN PREVIOUS ROAD SAFETY AUDITS.

- 4.1. No previous road safety audit has been carried out for this development.

5. IDENTIFIED PROBLEMS

General.²

No general road safety problems have been identified.

Local Alignment.

No local alignment road safety problems have been identified.

Junctions.

No junction road safety problems have been identified.

² DMRB HD19/15 standard list

Non Motorised User Provision.

5.1 PROBLEM

Location Entrance to petrol filling station.

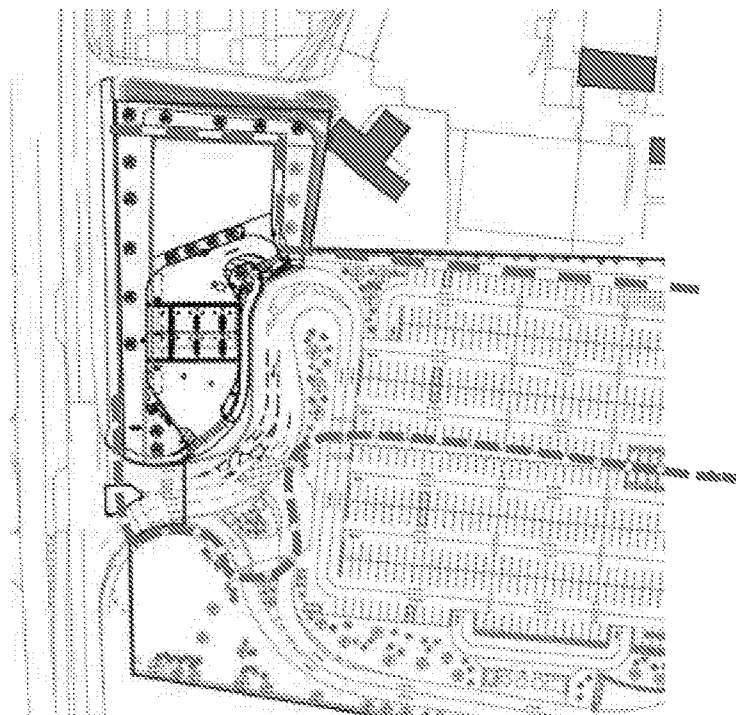
Summary Risk of pedestrian injury collisions.

The pedestrian crossing of the PFS entrance is longer and closer to the signalised junction than the existing crossing into the area. The alignment of the crossing is also such that pedestrians will have to turn to look behind themselves in order to sufficiently see approaching traffic from the A259 westbound approach.

It is likely that some pedestrians will not fully turn to see approaching traffic from the east and that some drivers turning left off the A259 into the PFS may turn at an inappropriately high speed. This combination of actions could result in a pedestrian walking across the PFS entrance when it is not safe to do so, resulting in a serious pedestrian injury collision.

Recommendation

It is recommended that the footway along the east side of the access road between the signalised junction and along the frontage of the PFS is removed and that pedestrians are signed to the store via the footpath at the east boundary of the site and the footway network to the west of the junction (Pedestrian routes shown in red below)



PFS ASDA, Ferring
Road Safety Audit Stage 1

Road Signs, Carriageway Markings and Lighting.

No signing, marking or lighting road safety problems have been identified.

PFS ASDA, Ferring
Road Safety Audit Stage 1

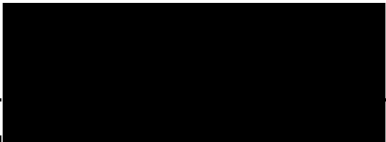
6. AUDIT TEAM STATEMENT

AUDIT TEAM STATEMENT

PETROL FILLING STATION, LITTLEHAMPTON ROAD FERRING.

SAFETY AUDIT STAGE 1

We certify that we have examined the works listed in this report. The examination has been carried out with the sole purpose of identifying any features of design or construction that can be modified in order to improve the safety of the scheme. The problems identified have been noted in this report together with recommendations, which should be studied for implementation.

Signed..........Audit Team Leader Date 31 May 2018.

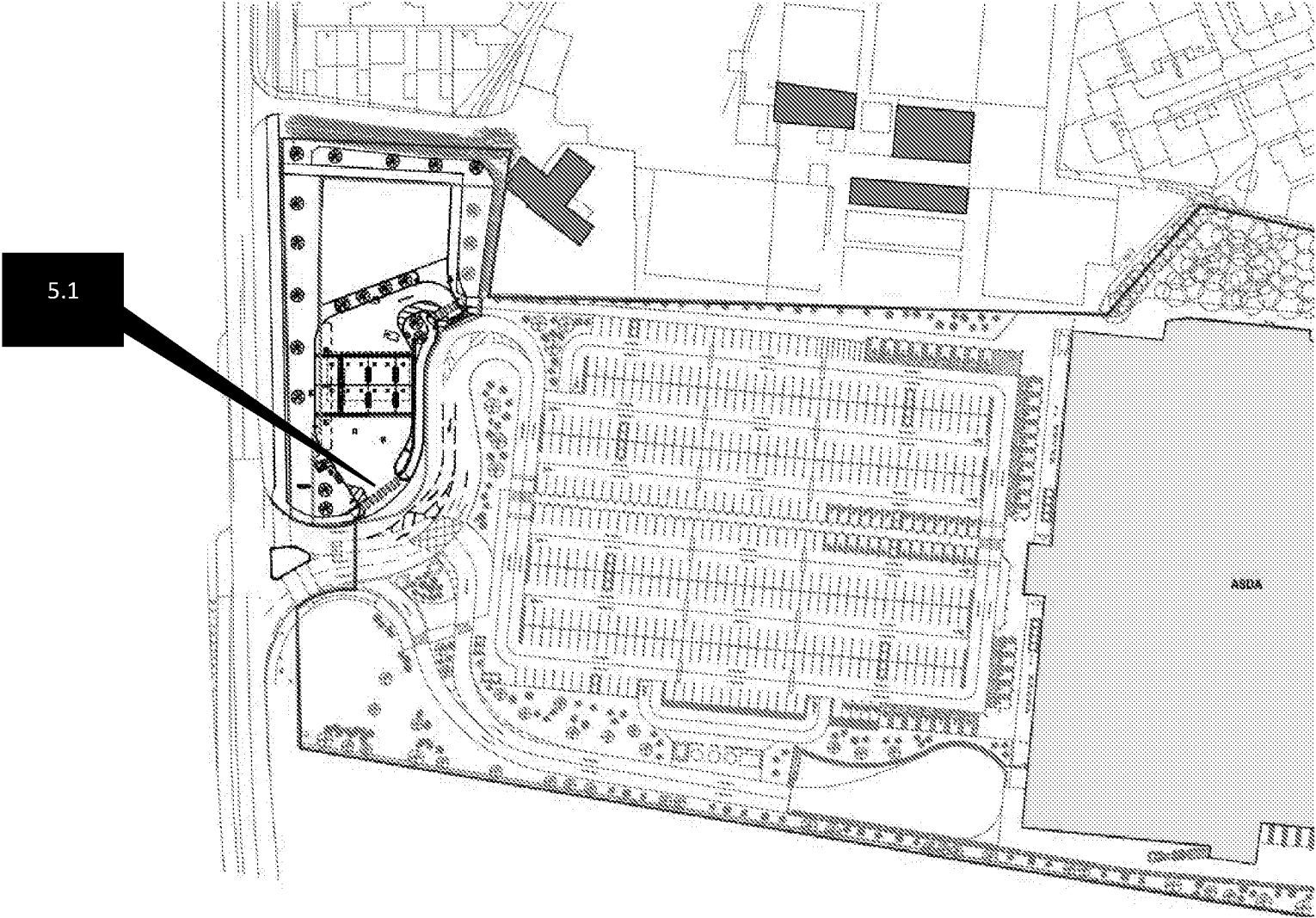
Blair Wyllie F Eng, MCIHT, MSoRSA

Signed..........Audit Team Member Date 31 May 2018.

David Lodge, BSc, MSc, CMILT, MCIHT, MSoRSA.

<u>Wyllie Lodge Road Safety Consultants</u>	
Blair Wyllie	
David Lodge	
WYLLIE LODGE Limited. 8 St Andrew's Street Ayr KA7 3AH.	

APPENDIX A. LOCATION PLAN OF PROBLEMS



PFS ASDA, Ferring
Road Safety Audit Stage 1

APPENDIX B. LOCATION OF RECORDED COLLISIONS.

