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Date: 27th August 2025

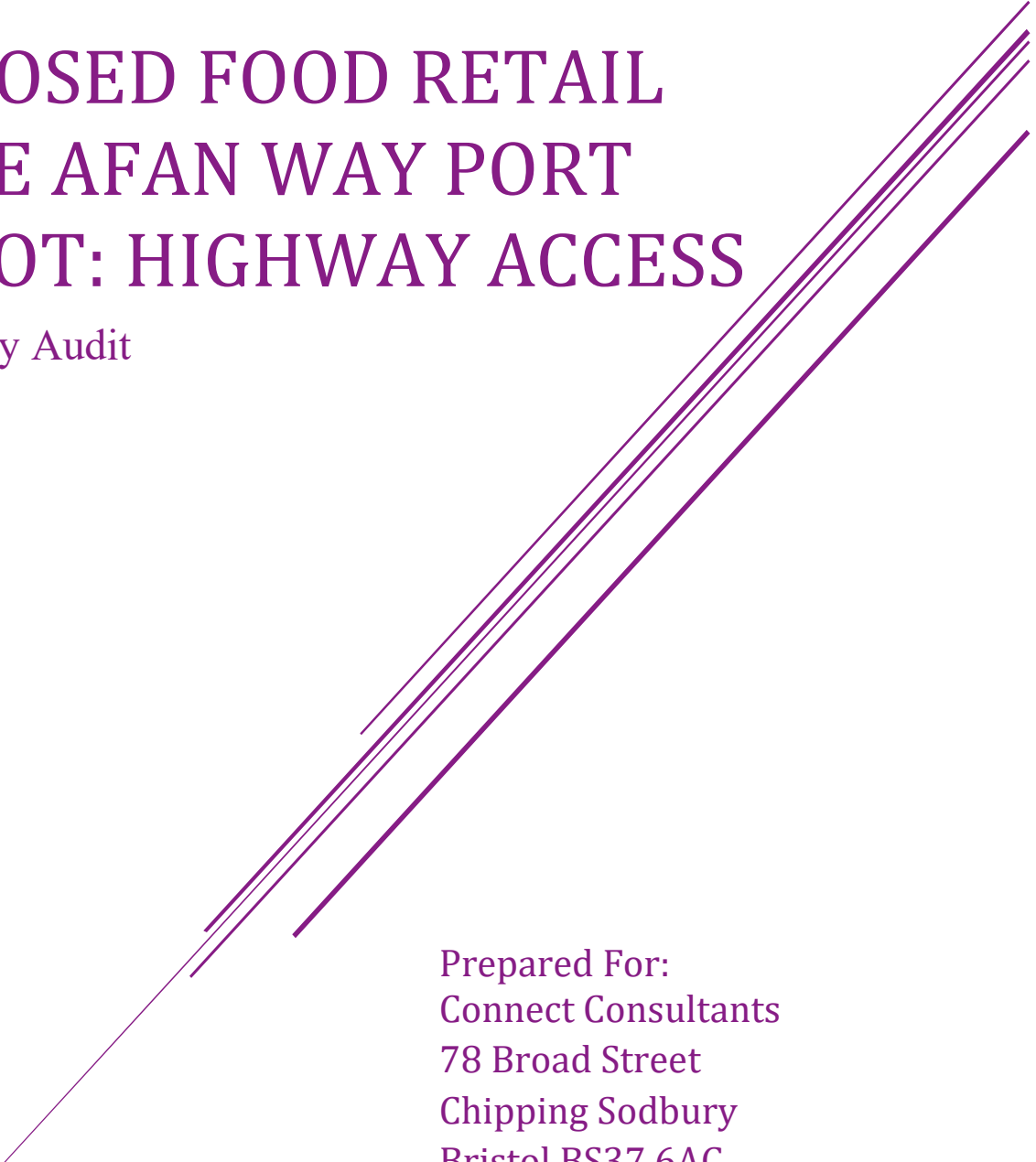
Prepared by: Julian Bartlett



PROPOSED FOOD RETAIL STORE AFAN WAY PORT TALBOT: HIGHWAY ACCESS

Road Safety Audit

Stage 2

A decorative graphic consisting of several parallel lines of varying lengths and colors (dark blue, light blue, and grey) that run diagonally from the bottom left towards the top right of the page.

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Job Number: 1754

Client: Connect Consultants

Highway Authority: Neath Port Talbot Council

Project: Proposed Food Retail Store Afan Way Port Talbot: Highway Access:

Report Title: Stage 2 Road Safety Audit

Date: 27th August 2025

Issue	Purpose / Status	Prepared By	Checked	Approved	Date
D1	DRAFT	Julian Bartlett	Ian Medd	Julian Bartlett	August 2025

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1 INTRODUCTION

- 1.1 This report results from a Stage 2 Road Safety Audit undertaken by J Bartlett Consulting Limited following a request from Fiona Neil of Connect Consultants. The Audit was carried out during August 2025.
- 1.2 This Safety Audit considers the introduction of a dedicated right turn lane junction to serve a food retail store and Coffee Drive-Thru. All movements are allowed at the junction other than the right turn out. It has been assumed that this layout has been agreed by the local highway authority and as such is outside the scope of the audit. The scheme also includes improvements to the vulnerable road user provision to the wider area abutting the development site
- 1.3 The audit team comprised the following individuals:
- | | |
|--------------------------------------|-------------------------------|
| Julian Bartlett
BEng FCIHT FSoRSA | Road Safety Audit Team Leader |
| Ian Medd
MCIHT MSoRSA | Road Safety Audit Team Member |
- Julian Bartlett holds a Highways England Certificate of Competency in Road Safety Audit gained through the education route.
- 1.4 The following documents and drawings were made available to the Audit Team for this safety audit:

Drawings

Drawing Number	Rev	Title
250578-099	-	Existing Overview And Key Plan
250578-100	-	Proposed Overview And Key Plan
250578-101	-	Proposed Highway General Arrangement
250578-102	-	Site Clearance
250578-103	-	Surfacing
250578-104	-	Proposed Contours
250578-105	-	Proposed Highway Drainage And Ducting

250578-106	-	Proposed Highway Street Lighting
250578-107	-	Proposed Highway Drainage Gully Catchment Plan
250578-110	-	Proposed Highway Chainages
250578-111	-	Proposed Highway Long Sections
250578-112	-	Proposed Cross Sections Sheet 1 Of 4
250578-113	-	Proposed Cross Sections Sheet 2 Of 4
250578-114	-	Proposed Cross Sections Sheet 3 Of 4
250578-115	-	Proposed Cross Sections Sheet 4 Of 4
250578-150	-	Plan 2 - Legal Plan
250578-190	-	Construction Details Sheet 1 Of 3
250578-191	-	Construction Details Sheet 2 Of 3
250578-192	-	Construction Details Sheet 3 Of 3

Documents

Proposed Aldi Food Store And Coffee Drive-Thru, Afan Way, Port Talbot
Technical Note 2 dated December 2024

Departures,

None Notified

Specific Requirements

None Identified

Identified Documentation

None Identified.

- 1.5 A site visit was undertaken by the Audit Team on 19th August 2025 between 16:15 and 17:00. It was fine and the road surface was dry during the site visit. Vehicle movements were as expected within the urban environment with free flow of cars across the frontage of the development site. On both Afan Way and Water Street. One vehicle was seen leaving the ATS tyre depot opposite the development site prior to it closing. A significant number of cars were seen turning left and right in particular to Green Park Street to access the McDonalds restaurant. The audit team noted that while a painted traffic island had been provided for the Green Park

Street with left turn arrow to show the right turn prohibition a significant number of vehicles turned right against the movement ban. This appeared to be a similar theme across the wider area with movement bans being ignored. One motorcyclist, two pedal cyclists (one of whom was a delivery rider) were seen turning right to Green Park Street. Several pedestrians were seen some of whom crossed at the pedestrian facility to access the McDonalds restaurant.

- 1.6 The scheme has been examined and this report compiled only regarding the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other Standards or 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 for information only. Any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.
- 1.7 The terms of reference for the audit are as described in the latest versions of National Highways Design Manual for Roads and Bridges (DMRB), Volume 5, Section 2, GG119 'Road Safety Audit'. The audit has also been undertaken in light of the philosophy outlined in the latest version of the CIHT 'Road Safety Guidelines'.
- 1.8 The Audit Team have referred to appropriate design documentation as required while undertaking this audit. Reference texts include but are not limited to the latest versions of
 - Design Manual For Roads And Bridges (DMRB);
 - Manual For Streets;
 - Manual For Streets 2;
 - Highway Construction Details;
 - Specification For Highway Works;
 - Traffic Signs Manual Chapter 6; and
 - Traffic Signs Regulations and General Directions (TSRDG);
 - Local Authority design guides, requirements as provided (See Above).
- 1.9 Any recommendations included within this report should not be regarded as being prescriptive design solutions to the problems raised. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem, in accordance with GG 119, and in no way, imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which would be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.
- 1.10 If issues were identified that are strictly outside the scope of this Road Safety Audit, or could not be classified as likely to increase the risk of crashes occurring, these have been included as Section 3 for completeness. It is also recommended that

these are brought to the attention of the highway authority for their consideration if deemed appropriate

- 1.11 As far as the audit team are aware no previous stages of road safety audit have been undertaken on the proposals as presented for this audit.

2 ISSUES RAISED BY THE STAGE 2 ROAD SAFETY AUDIT

- 2.1 Problems in this Audit will be identified linearly and by drawing number. See also Comments under section 3 of this report.

Drg: 250578-099 Rev -

- 2.2 The drawing shows the extent of the existing site in relation to the local highway network and as such has little direct impact on the findings of this audit.

Drg: 250578-100 Rev -

- 2.3 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-101 Rev -

- 2.4 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-102 Rev -

- 2.5 The drawing shows the site clearance necessary for the works and as such has little direct bearing on the findings of this audit.

Drg: 250578-103 Rev -

- 2.6 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-104 Rev -

- 2.7 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-105 Rev -

- 2.8 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-106 Rev -

- 2.9 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-107 Rev -

- 2.10 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-110 Rev -

- 2.11 The drawing shows the location of site chainage details and as such has little direct impact on the findings of this audit.

Drg: 250578-111 Rev -

- 2.12 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-112 Rev -

- 2.13 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-113 Rev -

- 2.14 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-114 Rev -

- 2.15 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-115 Rev -

- 2.16 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-150 Rev -

- 2.17 After due and careful consideration the audit team have been unable to identify any areas of concern in terms of highway road safety associated with the information provided on this drawing for this stage of audit.

Drg: 250578-190 Rev -

-
- 2.18 The drawing shows standard highway construction details which presumably have been provided by or agreed with the local highway authority and as such has little direct impact on the findings of this audit.

Drg: 250578-191 Rev -

- 2.19 The drawing shows standard highway construction details which presumably have been provided by or agreed with the local highway authority and as such has little direct impact on the findings of this audit.

Drg: 250578-192 Rev -

- 2.20 The drawing shows standard highway construction details which presumably have been provided by or agreed with the local highway authority and as such has little direct impact on the findings of this audit.

3 ISSUES OUTSIDE THE SCOPE OF THIS ROAD SAFETY AUDIT

- 3.1 A dropped pedestrian crossing is shown for the western footway within the curtilage of the site which is not replicated on the eastern side of the same crossing. It has been assumed that this is a drafting error and will be rectified prior to the drawings being issued for construction. (Drg Ref: 250578-101)
- 3.2 Gullys G04 and G05 are in close proximity but offline to the dropped crossing and it may be beneficial to provided pedestrian friendly gully frames / grating at this location. (Drg Ref 250578-107).

4 AUDIT TEAM STATEMENT

We certify that this Audit has been carried out adopting the principles contained in in but not in full compliance with the National Highways standard GG 119 'Road Safety Audits' and in line with the philosophy outlined in the CIHT 'Road Safety Guidelines' 2020 Edition.

Road Safety Audit Team Leader

Name: Julian Bartlett

Signed:



Position: Director

Organisation J Bartlett Consulting Ltd

Date: 30th August 2025

Road Safety Audit Team Member

Name: Ian Medd

Signed:



Position: Associate

Organisation J Bartlett Consulting Ltd

Date: 31st August 2025

Contact Details as per record sheet

5 AUDIT LOCATION PLAN

Not required as no problems have been identified