

Technical Note - Highways

Project: Rear of, 20, Halifax Road, Staincliffe, Batley, WF17 7BH

Project reference: 27/10/2025

Date: 6th March 2026

1.1.1 This technical note provides a detailed response to comments raised by Kirklees Council (KC) for:

“Outline permission with access and layout with all other matters reserved for a residential development of three dwellings within the garden of an existing dwelling to the Rear of, 20, Halifax Road, Staincliffe, Batley, WF17 7BH”.

1.1.2 An automatic traffic count (ATC) was carried out between 22nd Jan 2026 to 28th Jan 2026. **Appendix A** provides survey data.

1.1.3 The resultant visibility requirements are set out in **Table 1** which shows visibility requirements of 2.4m x 41m and 2.4m x 43m, south and north of the access respectively.

1.1.4 **Appendix B** provides the access drawing which includes a build out of the site side kerb to ensure that the visibility splays are met.

Table 1: Speed Survey Summary and Visibility Calculations.

v = Speed
(m/s)
t = driver perception-reaction time (seconds)
d = deceleration (m/s²)

Northbound Visibility Splay

			Stopping Sight Distance Allowing for Bonnet Length			
			Below 60 kph		Above 60kph	
85th Percentile Dry			Light Vehicles	HGVs & Buses	Absolute Min	Desirable Min
MPH	MPH	KPH	1.5s & 0.45g	1.5s & 0.375g	2s & 0.375g	2s & 0.25g
31.4	28.9	47	40.7	44.5	51.0	62.3

Southbound Visibility Splay

			Stopping Sight Distance Allowing for Bonnet Length			
			Below 60 kph		Above 60kph	
85th Percentile Dry			Light Vehicles	HGVs & Buses	Absolute Min	Desirable Min
MPH	MPH	KPH	1.5s & 0.45g	1.5s & 0.375g	2s & 0.375g	2s & 0.25g
32.3	29.8	48	42.5	46.5	53.2	65.3

Wet weather deduction 2.485485

- 1.1.5 In regards to the internal layout, tracking for cars and a transit van has been carried out. The site layout has been amended to ensure that all the parking spaces are easily and safely accessible and that vehicles can turn within the site so that they can enter and exit the site in forward gear.
- 1.1.6 **Appendix C** provides the tracking drawing.
- 1.1.7 8 car parking spaces are proposed with **Appendix D** providing the revised site layout.
- 1.1.8 An updated Stage 1 RSA is to be carried out and the RSA Brief is provided in **Appendix E**.

Appendices

Appendix A – Traffic and Speed Survey

Leaky A/C

Report ID: 01026, Site Name: 2nd St (1), Description: A/C33 Halifax Road, 10m south of Weifield Mews, Direction: Northbound

Thursday 22 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Friday 23 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Saturday 24 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Sunday 25 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Monday 26 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

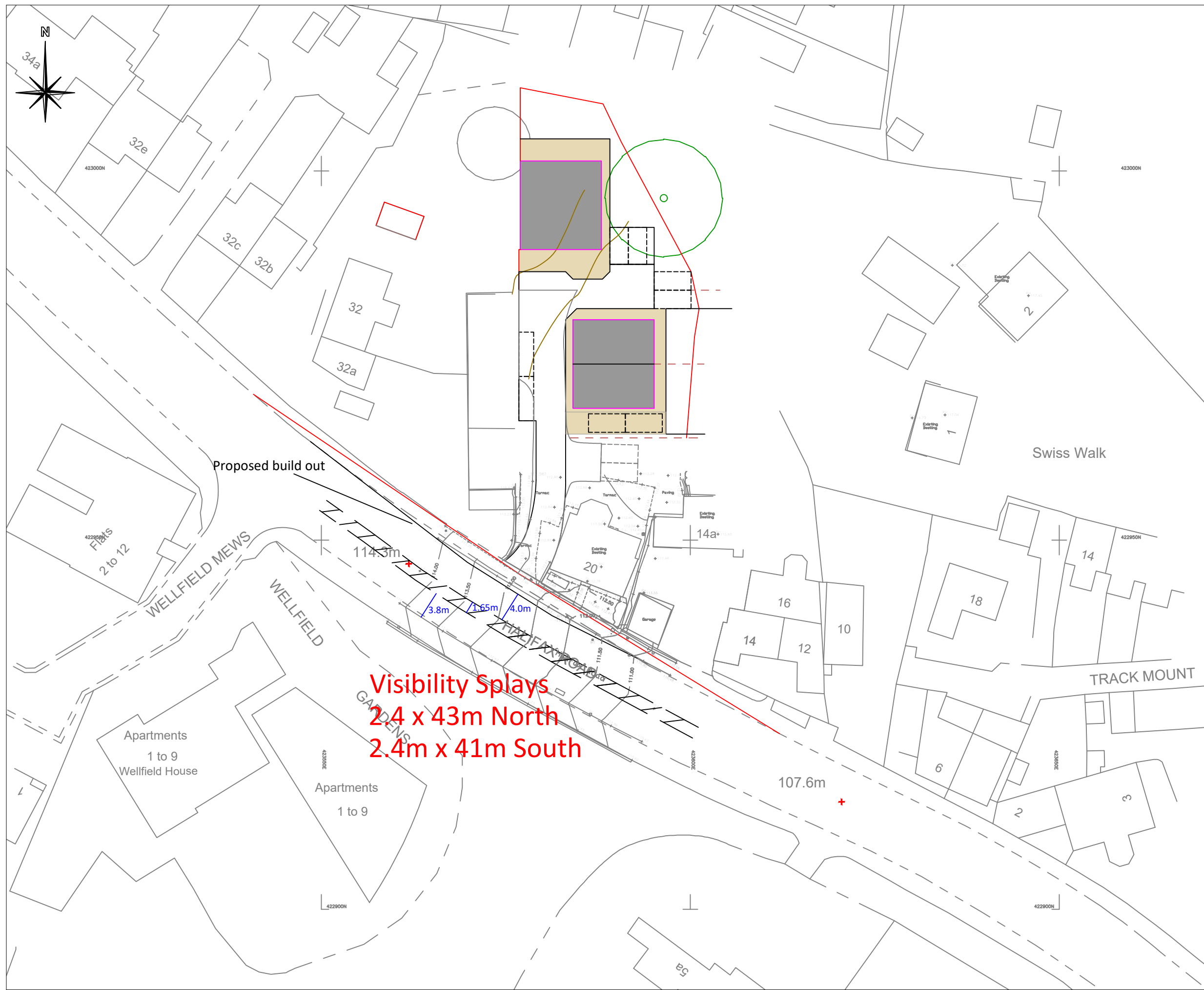
Tuesday 27 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Wednesday 28 January 2026. Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Virtual Day (7.00). Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Virtual Day (1.00). Table with columns: Time, Hourly Totals, 05-15, 15-30, 30-45, 45-00, Cycles, Motor Cycles, Car Van, Car Van, 2 Axle Van, 3 Axle Road, 4 Axle Road, 3 Axle Artic, 4 Axle Artic, 5 Axle Artic, 6 Axle Artic, Double Road, Triple Road, MPH 0-10, MPH 10-15, MPH 15-20, MPH 20-25, MPH 25-30, MPH 30-35, MPH 35-40, MPH 40-45, MPH 45-50, MPH 50-55, MPH 55-60, P-Title 85%, Average Speed, Standard Deviation.

Appendix B – Site Access Drawing



Notes:

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications. This drawing is copyright.

Rev	Date	Description	Ckd	By



Adamson House, Towers Business Park
 Wilmslow Road
 Manchester
 M20 2YU
 Tel: 0161 955 4422
 Email: manchester@coraiht.com
 Web: www.coraiht.com

Client
 Kufic

Project
 20 Halifax Road
 Batley

Title
 Proposed Access
 Arrangement

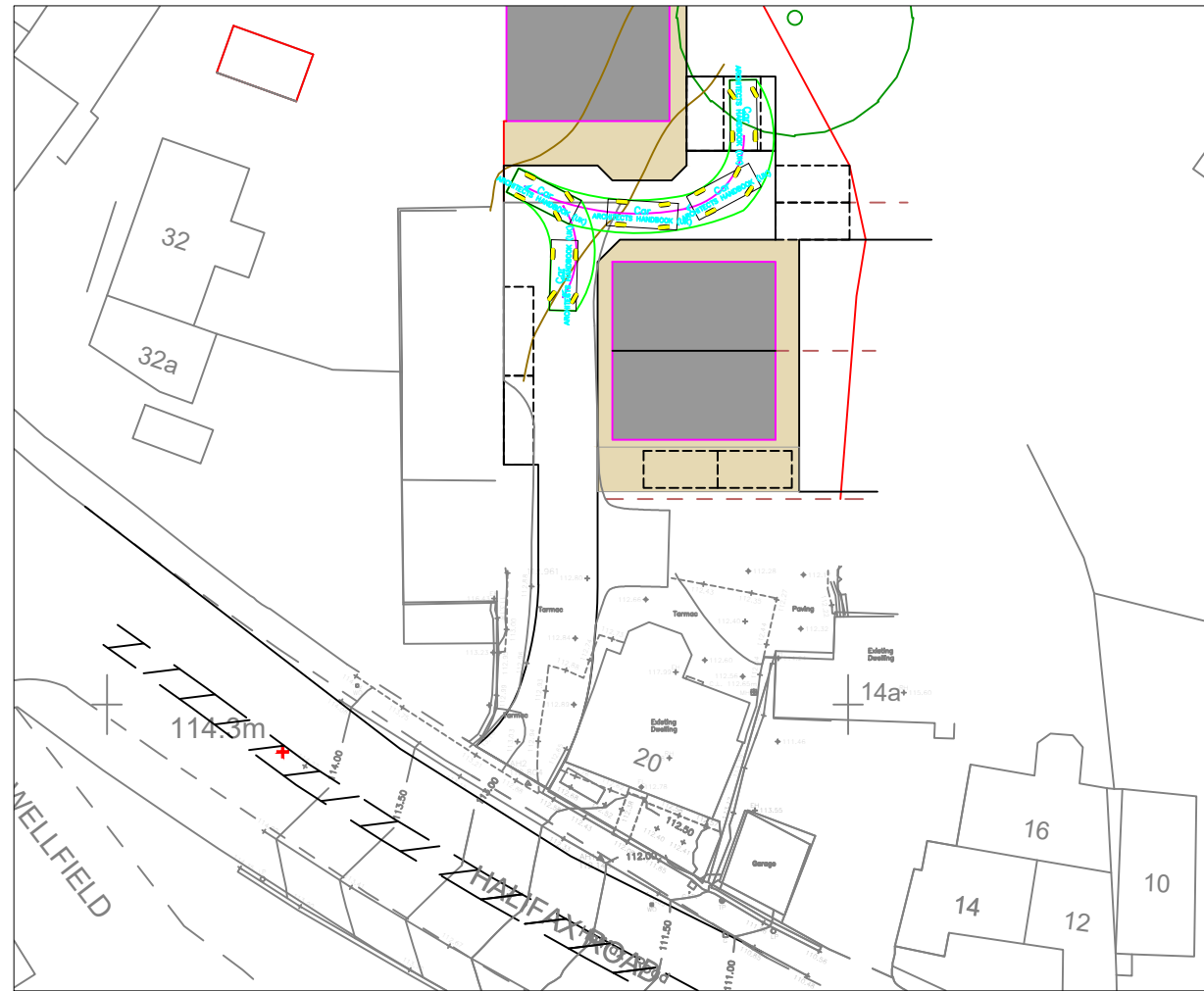
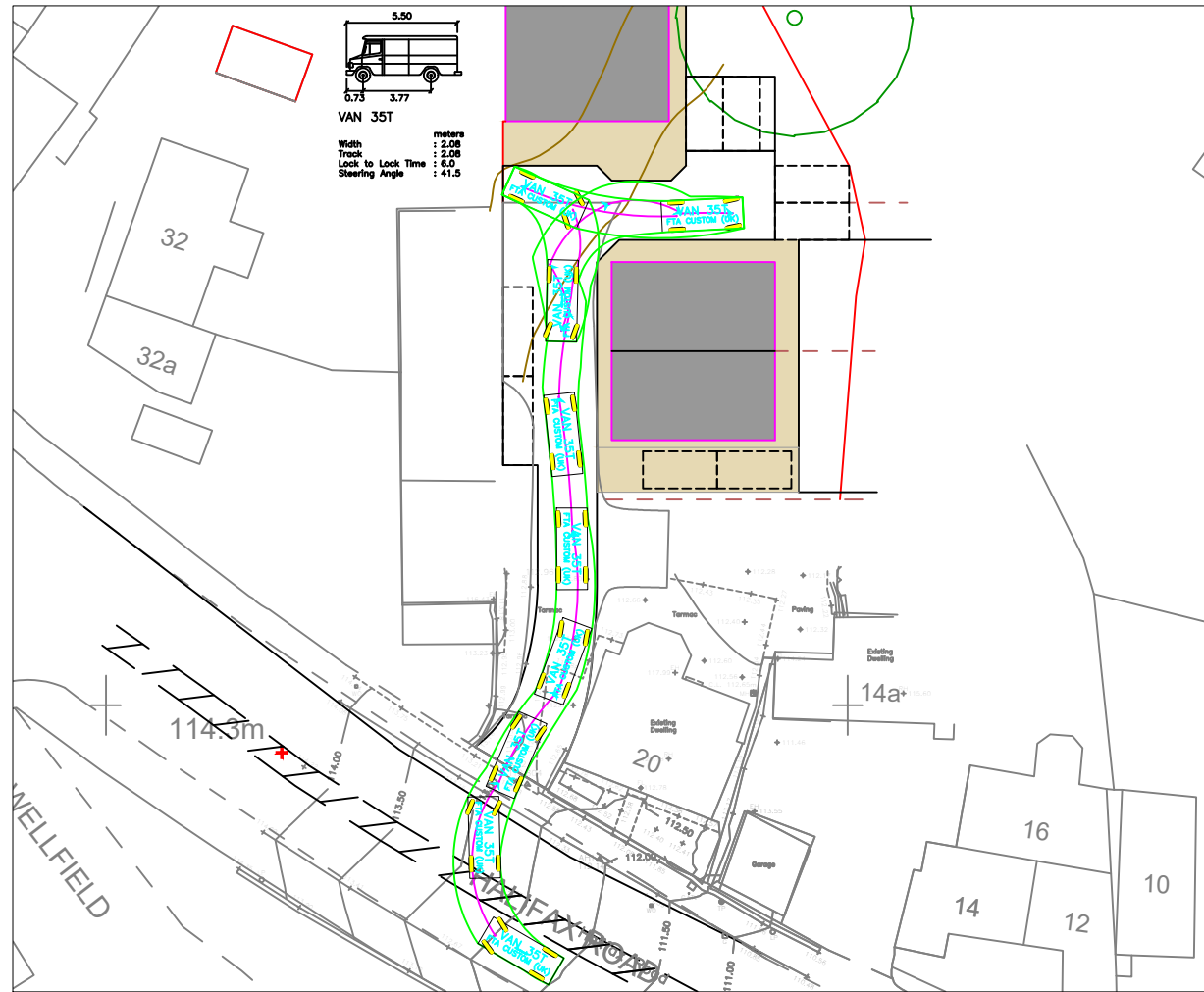
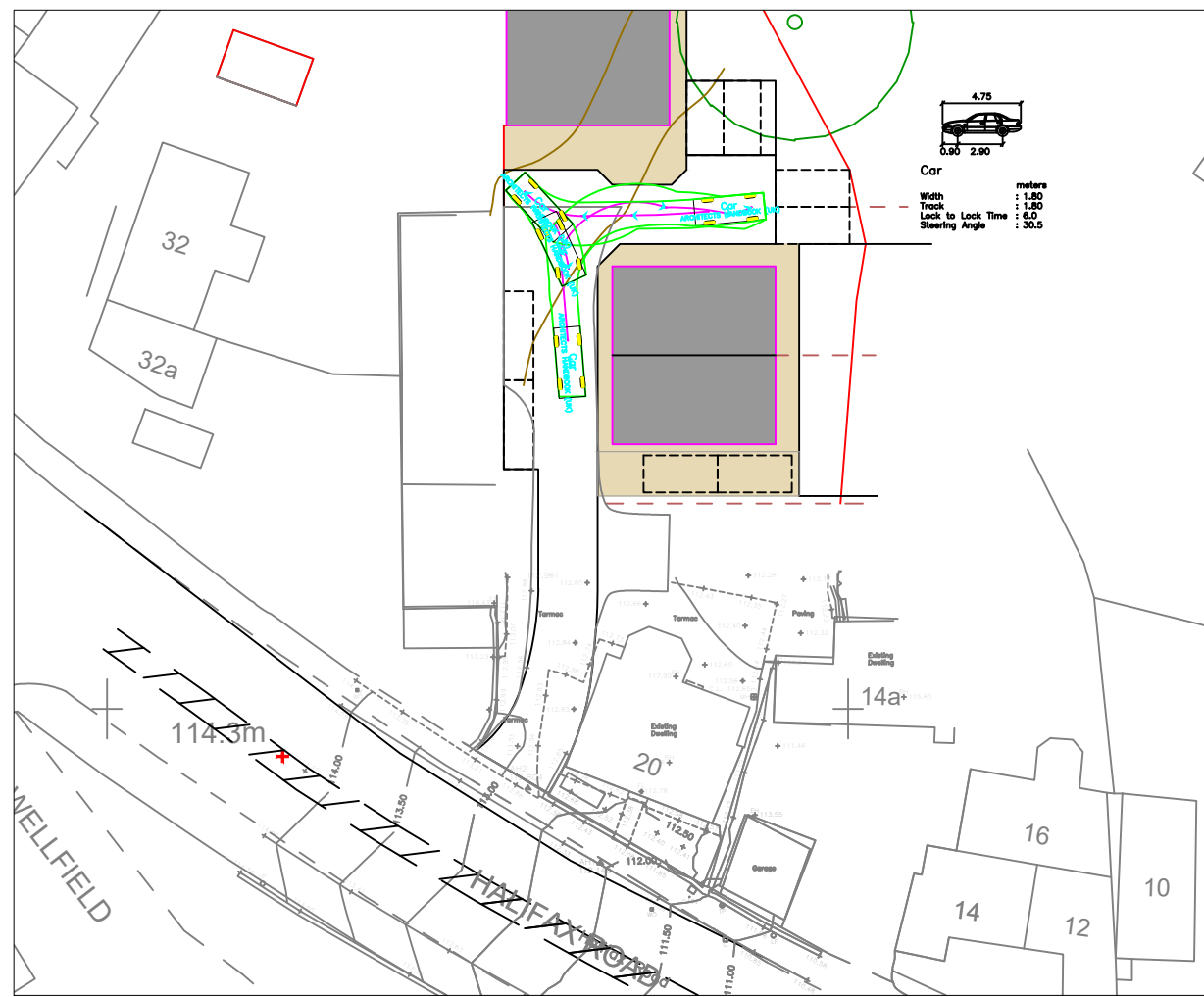
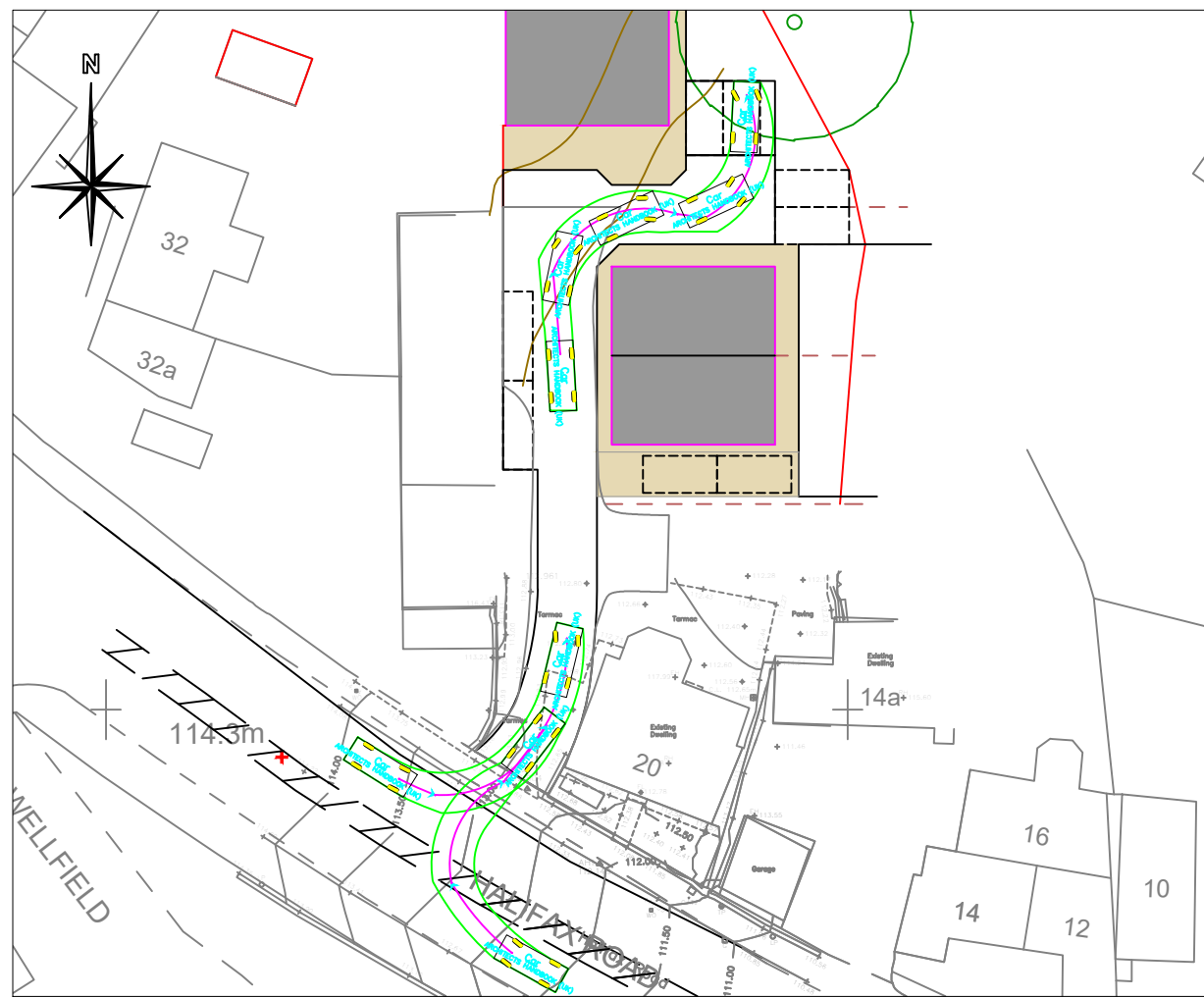
Drawing Status

Job No. 16-3340

Drawn	Checked	Scale at A3	Date	Issue Date
MC	TC	1:1000	05/03/25	-

Drawing No. 002

Appendix C – Vehicle Tracking Drawing



Notes:

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications. This drawing is copyright.

Rev	Date	Description	Ckd	By



Adamson House, Towers Business Park
 Wilmslow Road
 Manchester
 M20 2YU

Tel: 0161 955 4422
 Email: manchester@coraiht.com
 Web: www.coraiht.com

Client
 Kufic

Project
 20 Halifax Road
 Batley

Title
 Site Layout
 Tracking

Drawing Status

Job No. 16-3340

Drawn	Checked	Scale at A3	Date	Issue Date
MC	TC	1:1000	05/03/25	-

Drawing No. 003

Appendix D – Site Layout





Use figured dimensions only. DO NOT SCALE.
 All dimensions are in millimetres unless noted otherwise.
 All levels are in metres above ordnance datum unless noted otherwise.
 This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants.
 © KUFIC 2024

NOTES:



KEY

-  EXISTING
-  PROPOSED
-  DEMOLITION
-  SITE BOUNDARY




HARD LANDSCAPING WORKS

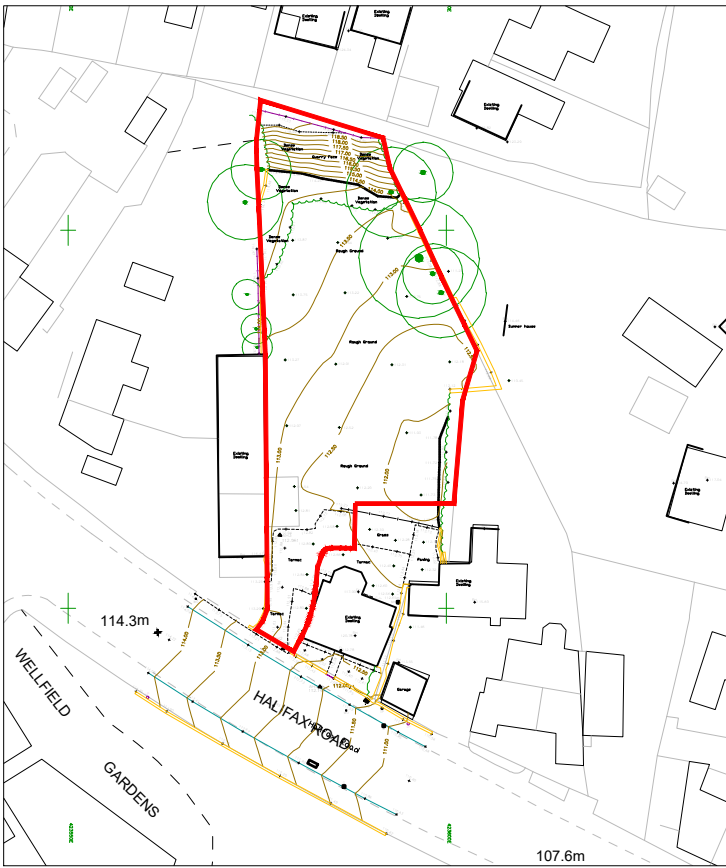
-  TARMACADAM
-  BLOCK PAVING

BOUNDARY TREATMENT

-  375MM HIGH BRICK WALL
-  1.8M TIMBER FENCE

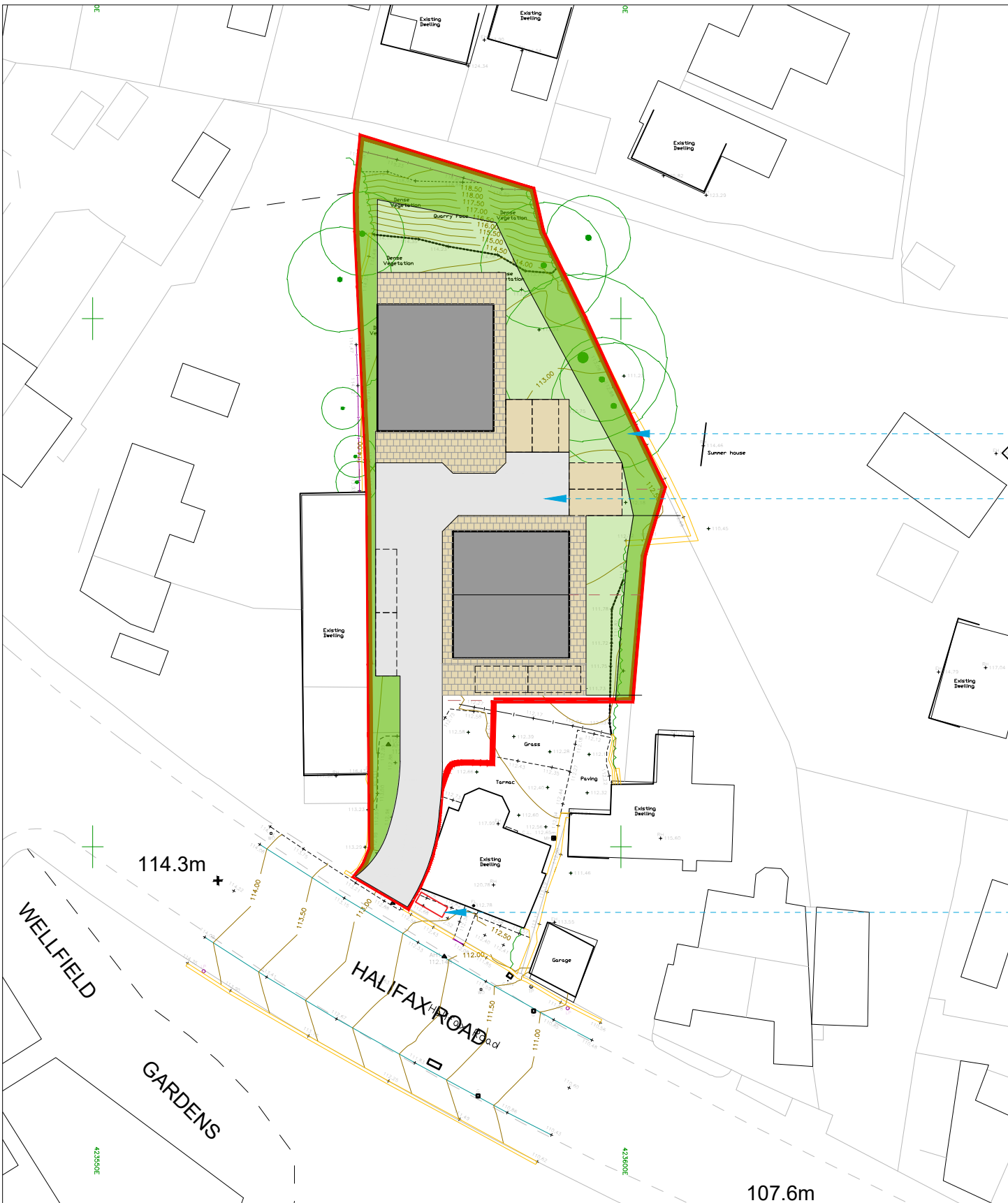
SOFT LANDSCAPING WORKS

-  PROPOSED SEMI-MATURE TREE
-  EXISTING TREES TO BE RETAINED
-  LAWN AREAS



EXISTING SITE PLAN

1:1000@A3



PROPOSED SITE PLAN

1:500@A3

SOFT LANDSCAPING TO BOUNDARIES

VEHICLE ACCESS AND TURNING
(AS PREVIOUSLY APPROVED)

REFUSE COLLECTION POINT
(AS PREVIOUSLY APPROVED)

REV A 03/04/2025 PLANNING ISSUE
 REV B 06/03/2026 ACCESS ROAD
 LAYOUT AMENDED

**KUFIC.
 ARCHITECTS**

Suite 24 Batley Business Park,
 Technology Drive,
 Batley WF17 6ER
 Tel: 01924 694 404
 info@kufic.co.uk
 www.kufic.co.uk
 © Kufic Architects 2025

PROJECT:
 REAR OF, 20, HALIFAX ROAD,
 STAINCLIFFE, BATLEY, WF17 7BH

DRAWING TITLE:
 SITE PLAN

DATE: 03/04/25 SCALE: 1:1250 @ A4 DRWN BY: HD

DRAWING REF: 25328-D02 **REV:** B

Appendix E – RSA Brief

GG 119 Road Safety Audit Audit Brief

1. Scheme Details

Title	20, Halifax Road, Staincliffe, Batley, WF17 7BH		
Planning App No.	2025/91479	Project Ref No.	<Audit Team to complete>

2. Proposed Programme Details

The Design Team should provide all required information prior to the requested Audit site visit being arranged. **The scheme programme should allow for up to a maximum 7 working day period between the Audit site visit date and receipt of the completed Audit report.**

3. Terms of Reference

A Road Safety Audit (RSA) in accordance with GG 119 is required. The terms of reference for this Audit are GG 119, this Audit Brief and all relevant Department for Transport Standards and Advice Notes. The Audit Team are reminded that the Audit only considers road safety matters and is not a technical check that the design conforms to Standard, nor an audit of the existing network.

State Stage of Audit Being Requested:

Stage 1

4. General Scheme Details and Scope of Scheme

Application is for outline permission with access and layout with all other matters reserved for a residential development of three dwellings within the garden of an existing dwelling with an existing access on to A638 Halifax Road, a 30mph two-way single carriageway main distributor road of approximately 10.5m width with a hatched central reserve, footways on both sides and street lighting present.

5. General Scheme Details

Departures or Relaxations from Standard	<i>To be considered against MfS</i>
Traffic Flows	<i>In TA</i>
85 th ile speeds (major and minor roads)	<i>In TA</i>
Queue Lengths	<i>n/a</i>
Non-motorised user flows and desire lines	<i>In TA site layout</i>
Adjacent Developments (existing or proposed)	<i>n/a</i>
For Stage 3 RSAs Only - Completion Date on Site	<i>Completion date unknown</i>

6. Additional Scheme Specific Information

Road safety audit to cover the proposed access and surrounding highway.

7. Attachments to Audit Brief			
Scheme Drawings/Sign Schedules <i>(supplied by the Design Team directly to the Audit Team Leader in 'pdf' format)</i>		16-3340-002 Access 16-3340-003 Access Tracking 25328-D02-B Site Plan	
Accident Data <i>(attached to this Brief)</i>		In Technical Note	
Previous Road Safety Audits <i>(attached to this Brief)</i>		None	
8. Maintaining Agent and Police Contact Details (To be completed for Stage 3 RSA's Only)			
Any maintenance defects identified at this location during the audit should be notified, separate to the audit report, by telephone and for serious defects immediately after by e-mail to:		N/A	
Police		N/A	
9. Proposed Audit Team			
Audit Team Leader		Martin Whittaker FIHE MSoRSA	
Audit Team Member		James Stackhouse	
10. Approvals			
Checked and approved by Design Team	<i>Toan Chau</i> <i>Cora IHT Limited</i> Toan.chau@coraiht.com	Date	06/03/2025
Approval of Brief (as required by GG119)			
Overseeing Organisation (name and contact details, e-mail address useful)		Date	