

APPENDIX  
H





5 0 5 10 15 20 25  
Metres (1:500)

Visibility splay of 2.4 x 79m

Radii of 8m

Existing vegetation to be removed

Proposed uncontrolled pedestrian crossing equipped with drop kerbs and tactile paving

Proposed priority junction of 5.5m in width

Radii of 6m with taper

Visibility splay of 2.4 x 75m

Proposed footway of 2m in width to tie in with existing infrastructure

Existing access to be stopped up

Location of proposed emergency access of 3.7m in width. Access control will be implemented

Northbound 85%ile : 39.10 mph 62.91 kph SSD=vt+v2/2(d+0.1a)	Southbound 85%ile : 37.80 mph 60.82 kph SSD=vt+v2/2(d+0.1a)
where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s <sup>2</sup> ) 1kph = 0.278 m/s	where: v = speed (m/s) t = driver reaction time (s) d = deceleration (m/s <sup>2</sup> ) 1kph = 0.278 m/s
v= 17.48 t= 2 d= 3.68 a= 0	v= 16.89 t= 2 d= 3.68 a= 0
vt= 34.95 v <sup>2</sup> = 305.39 2(d+0.1a)= 7.36	vt= 33.79 v <sup>2</sup> = 285.42 2(d+0.1a)= 7.36
SSD= 76.44 m plus 2.4 78.84 inc bonnet lengt	SSD= 72.57 m plus 2.4 74.97 inc bonnet lengt

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- A week-long ATC traffic survey was completed at South Street by K&M Traffic Surveys LTD on March 14th 2025, monitoring and recording 85th percentile speeds in both directions. The recorded average speed data of 39.1mph northbound and 37.8mph southbound will be used to inform the required visibility splays for the proposed access using standardised calculations from Manual for Streets 2.

P1 25.03.25 HL First Issue JM JM

REV DATE BY DESCRIPTION CHK APD

client

ESQUIRE DEVELOPMENTS LTD

project

BLACKTHORN FARM, MEOPHAM

title

PROPOSED ACCESS ARRANGEMENT

project 35076 drwg H-01 rev P1

Drawn HL Checked JM Approved JM scale @ A3 1:500 date 25.03.2025

status

FOR INFORMATION

P



Eclipse House, Eclipse Park, Sittingbourne Road  
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CAD Reference:

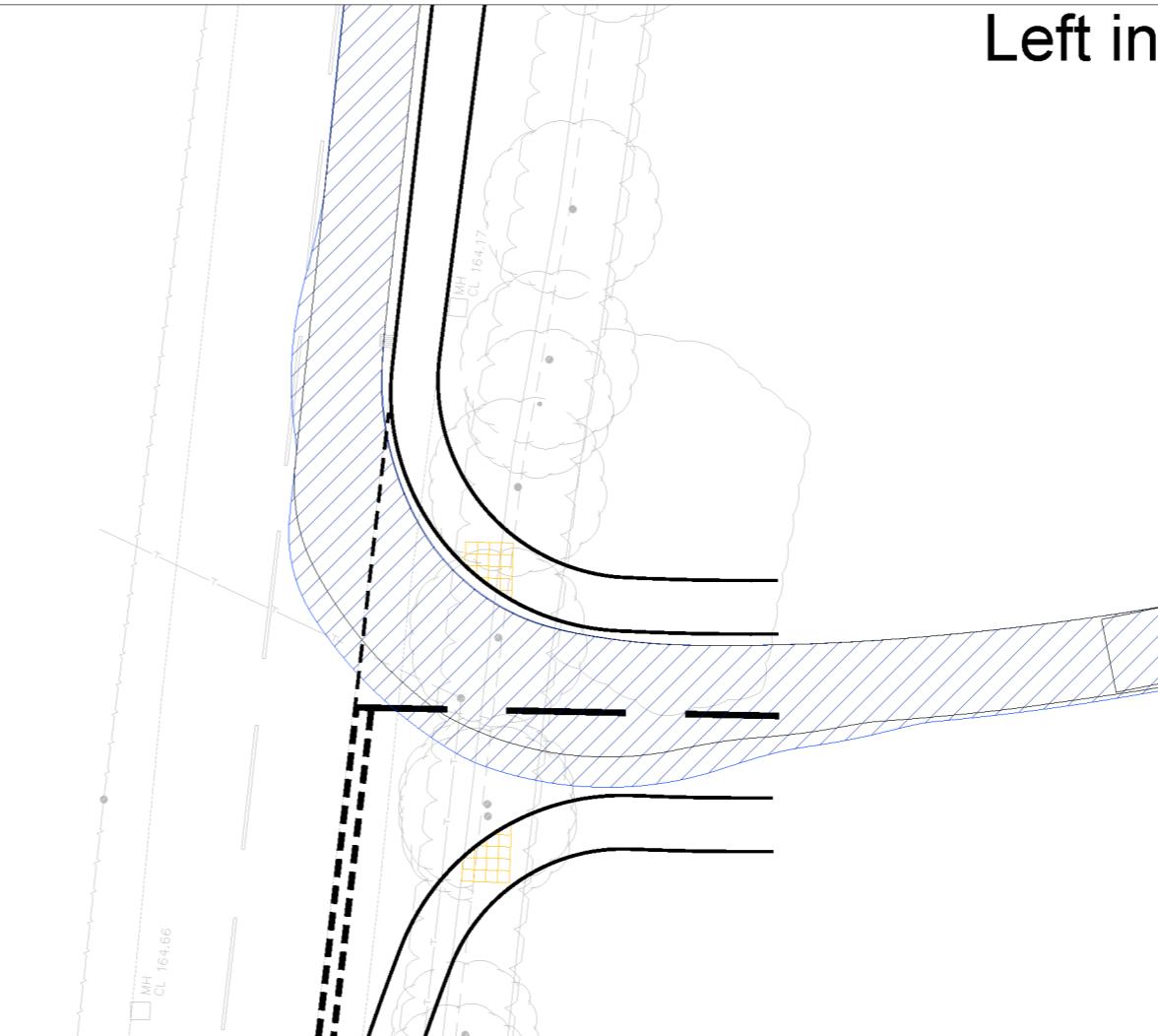
A3



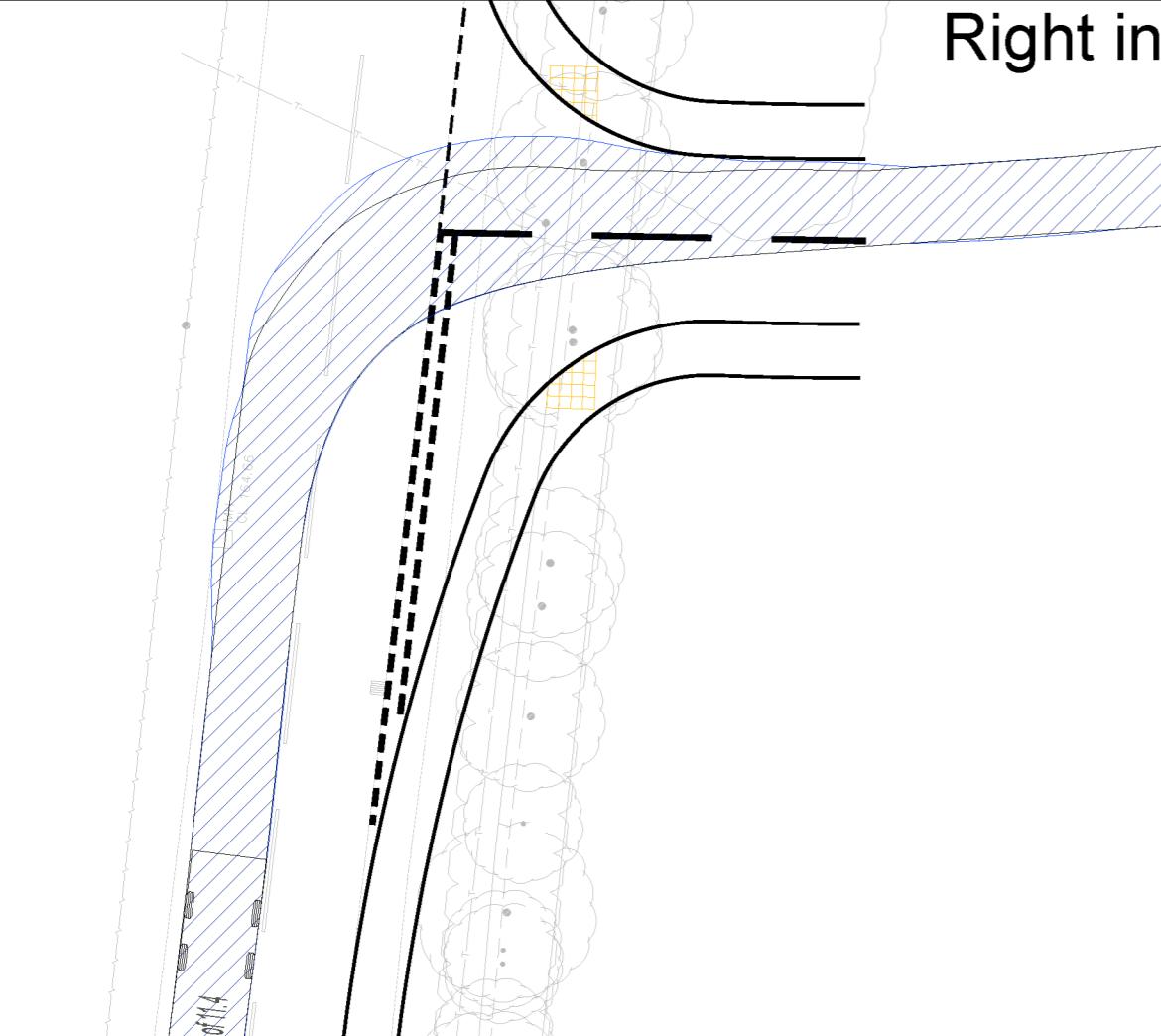
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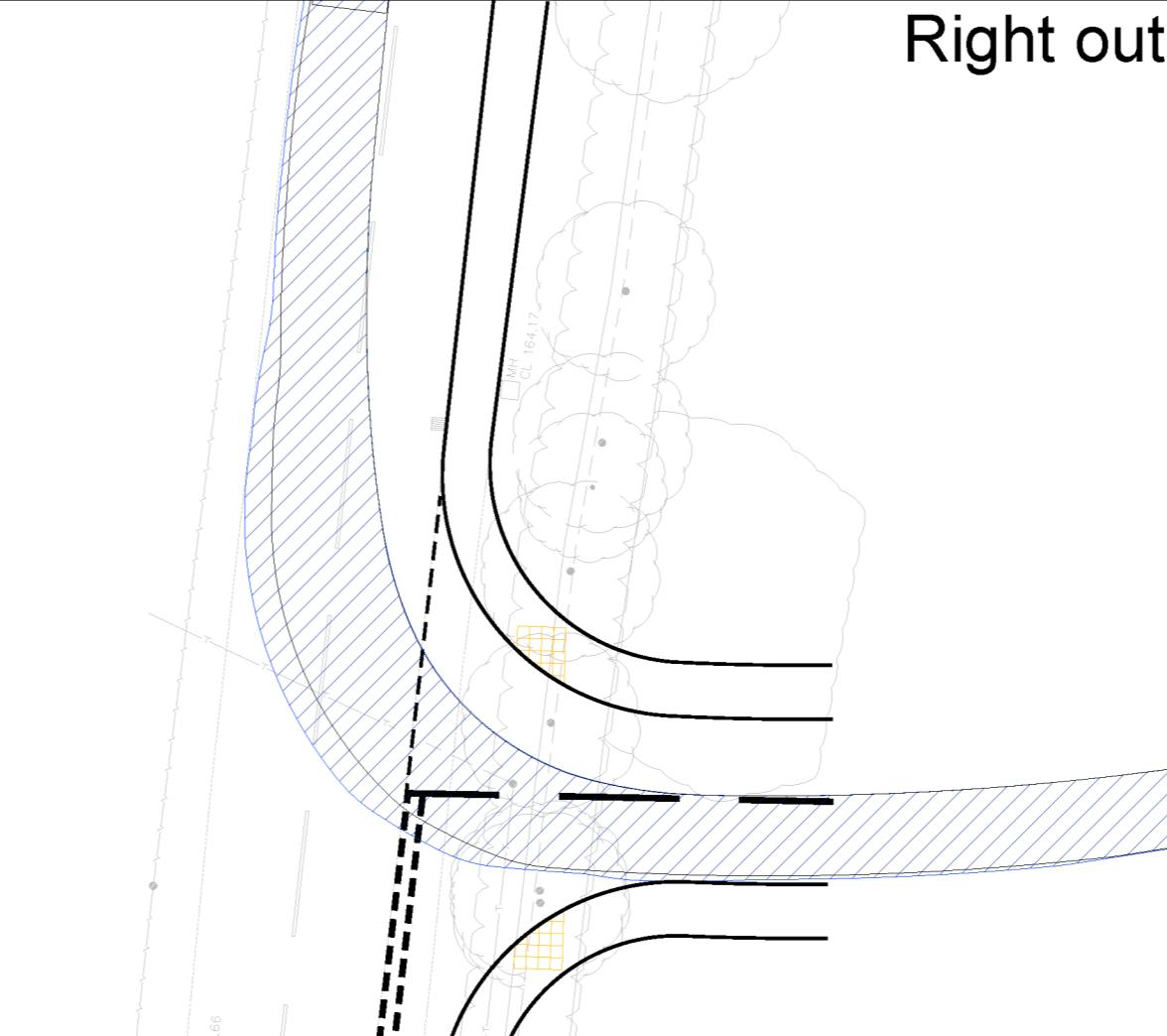
# Left in



# Right in



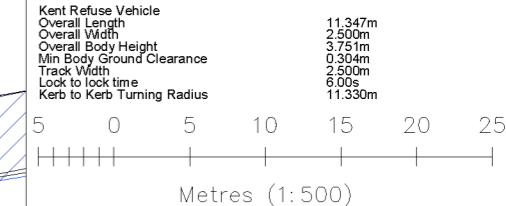
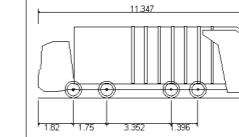
# Right out



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P2	16.06.25	JM	RSA Comments	CS
P1	25.03.25	HL	First Issue	JM

REV	DATE	BY	DESCRIPTION	CHK	APD
-----	------	----	-------------	-----	-----

client					
ESQUIRE DEVELOPMENTS LTD					

project					
BLACKTHORN FARM, MEOPHAM					

title					
VEHICLE SWEPT-PATH ANALYSIS REFUSE VEHICLE					

project		drwg	rev
35076		T-01	P1

Drawn	Checked	Approved	scale @ A3	date
JM	CS	CS	1:500	16.06.2025

status				P
FOR INFORMATION				P

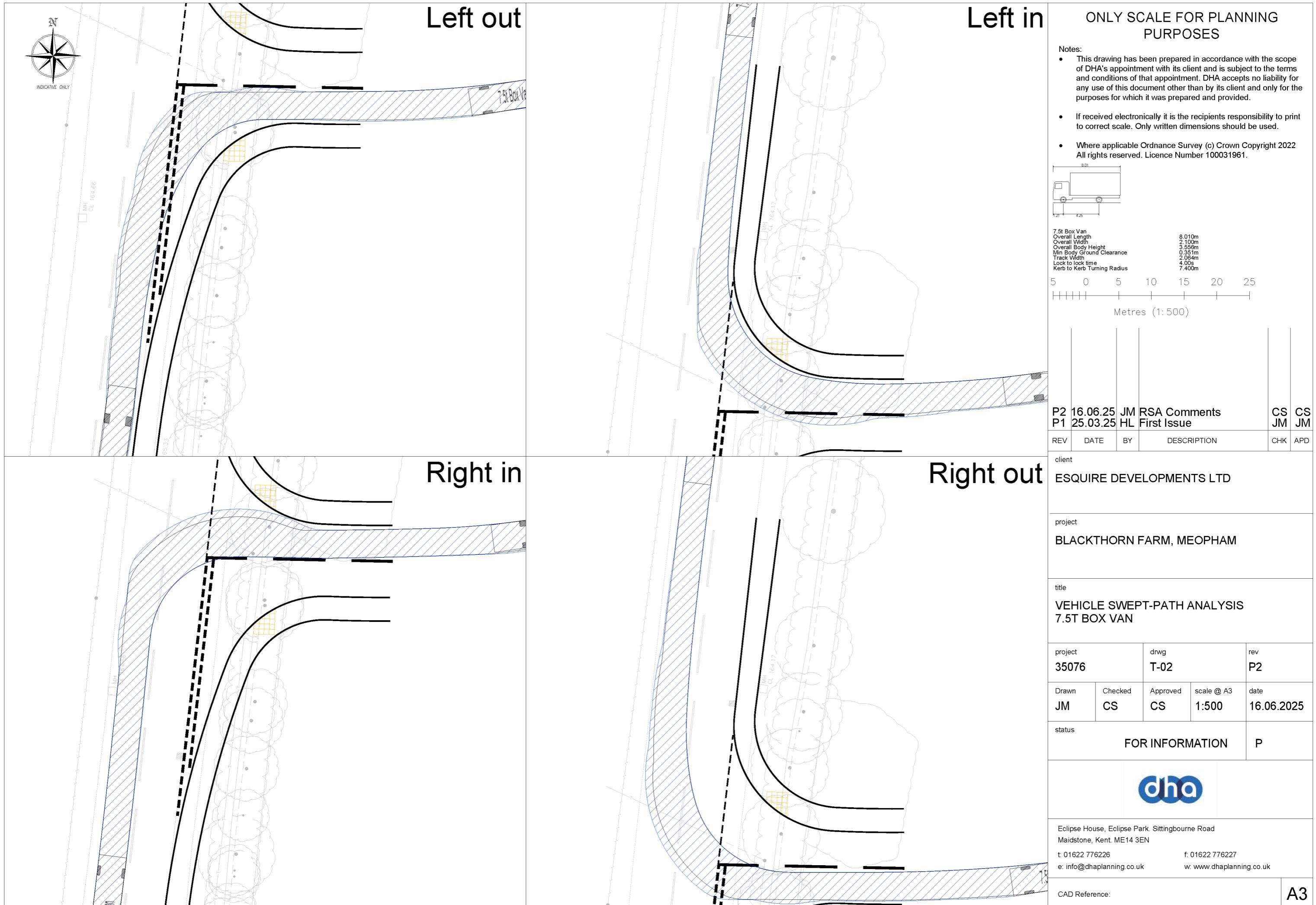


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CAD Reference:

A3



APPENDIX

I





Tactile paving to be provided at existing uncontrolled pedestrian crossing to serve bus stop

Tactile paving to be provided at existing uncontrolled pedestrian crossing

161.4m

Proposed resurfacing of red carpets

Cottage

Buckland

Bracken

The Lodge

Open View

Ridley Lodge

Holmleigh Crayfield House

Lamplights  
October Lodge

Hope Cottages

Proposed site access

Proposed resurfacing of red carpets

### ONLY SCALE FOR PLANNING PURPOSES

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10 0 10 20 30 40 50  
Metres (1:1000)

P1	21.05.25	HL	First Issue	JM	JM
REV	DATE	BY	DESCRIPTION	CHK	APD

client

ESQUIRE DEVELOPMENTS LTD

project

BLACKTHORN FARM, MEOPHAM

title

PROPOSED OFF-SITE IMPROVEMENTS

project		dwg	rev	
35076		H-02	P1	
Drawn	Checked	Approved	scale @ A3	date
HL	JM	JM	1:500	21.05.2025

status

FOR INFORMATION

P



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CAD Reference:

A3

APPENDIX  
J



**Land East of A227 South Street, Meopham, Kent.  
Proposed Highway Works**

**Road Safety Audit – Stage 1  
(Preliminary Design)**

**Client: Esquire Developments Ltd.**

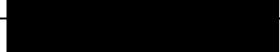
**11<sup>th</sup> June 2025**

**Badingham Limited**

Transport Planning | Road Safety | Highways  
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## PROJECT DETAILS

<i>Issue / Revision:</i>	Issue 1
<i>Report Title</i>	Blackthorn Farm, Meopham– RSA1
<i>Date:</i>	11/06/2025
<i>Prepared:</i>	A.R.J. Setter
<i>Signature:</i>	
<i>Prepared:</i>	
<i>Signature:</i>	
<i>On behalf of Overseeing/Third Party Organisation</i>	KCC/DHA
<i>Document Reference:</i>	1307 Blackthorn Farm, Meopham - RSA1 - Issue 1

## CONTENTS

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SECTION 3	ITEMS RAISED AT THIS AUDIT	5
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Figure 1	Site Location Plan	
Figure 2	Aerial Photo	
Figure 3	Audit Problem Location Plan	

## SECTION 1: INTRODUCTION

### General

- 1.1 This Road Safety Audit Stage 1 (Preliminary Design) report has been undertaken at the request of the local highway authority. It has been prepared on behalf of Esquire Developments (ED) and relates to highway works associated with a proposed residential development known as Blackthorn Farm, on land to the east of the A227 South Street, Meopham, Kent.
- 1.2 Gravesham Borough Council (GBC) is the local planning authority for the area. Kent County Council (KCC) is the local highway authority for the area.

### Audit Team

1.3	A. R. J. Setter	BA (Hons) MSc CMILT MCIHT AMICE MSoRSA National Highways RSA Certificate of Competency (2015) Badingham Limited
	D. F. Rogers	JP CEng BEng (Hons) MICE MSoRSA FIHE FCIHT Ashburn Partnership

### Audit Brief

- 1.4 The Road Safety Audit has been undertaken in accordance with the Road Safety Audit Brief provided by T. Valek of DHA Planning. The Audit Brief and Team were approved by T. Valek on behalf of the client.
- 1.5 The terms of reference for this Road Safety Audit are described in GG119 (Revision 2). The Audit Team has not been made aware of any departures from standard other than the issues identified in the Audit Brief.

1.6 The Road Safety Audit 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.

### **List of Information Provided to Audit Team**

1.7 The following is a list of documents and drawings provided as part of the Audit Brief:

#### **Document No. | Title | Date**

Road Safety Audit Brief	June 2025
A227 SOUTH STREET MEOPHAM Speed Survey	March 2025
A227 Wrotham Rd, Culverstone Green 5yr PIC Plot	
A227 Wrotham Rd, Culverstone Green 5yr PIC Report	

#### **Drawing No. | Title | Date**

35076 - H-01 – Proposed Access Arrangement
35076 - H-02 - Off-Site Improvements

### **Main Parties to the Audit**

1.8 The following are the main parties to the audit:

- Overseeing/Third Party Organisation: KCC/DHA
- Design Organisation: DHA
- Client Organisation (Highway Authority): KCC

1.9 The location of the site is shown on Figure 1 Site Location Plan and Figure 2 Aerial Photo. The area of the audit extends solely to the works shown on the drawings included in the Audit Brief. Where relevant, extracts from the design drawings and photographs are included to help show the location of any issue raised together with Figure 3 Audit Plan.

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1.10 The Audit Team visited the site on Tuesday 11<sup>th</sup> June 2025 between 1.00pm and 1.30pm. The weather was fine and sunny. There were no adverse traffic conditions to affect the audit.

### Scheme Details

1.11 The proposed works comprise the introduction of a simple priority access junction on the east side of the A227 South Street (also known as Wrotham Road) highway together with other off-site improvements including the introduction of tactile paving at the junction of the A227/Chapman's Hill/Heron Hill Lane and proposed resurfacing of nearby speed limit roundel surface markings.

1.12 The A227 is a classified single carriageway highway, with rural characteristics linking the village of Meopham in the north with the village of Culverstone to the south. In the vicinity of the works, it has a sweeping horizontal alignment on an approximate north/south axis. It is a bus route and highway gradients in the area are minimal. It lies within a 30mph speed limit. A footway is provided on the east side of the carriageway but no street lighting. Broken centre line white surface markings are provided together with continuous edge-of carriageway white lines. The site is currently in agricultural use as pasture with hedgerow/trees and verge generally fronting the site.

1.13 Three collisions, all categorised as slight, are recorded in the vicinity of the proposed works within the most recent 5-year data period available. Two collisions occurred at the A227/Chapman's Hill/Heron Hill Lane junction to the north. Both involved two cars in dry conditions. The remaining collision occurred to the south, close to the junction with A227/Willow Walk and involved a motorcyclist and a car. Traffic flows were intermittent and light during the site visit. No pedestrians, or cyclists, were noted during the site inspection.

## SECTION 2: ITEMS RAISED AT PREVIOUS AUDITS

2.1 As this is a Road Safety Audit Stage 1 report no previous audits have been undertaken.

## SECTION 3: ITEMS RAISED AT THIS AUDIT

### 3.1 PROBLEM

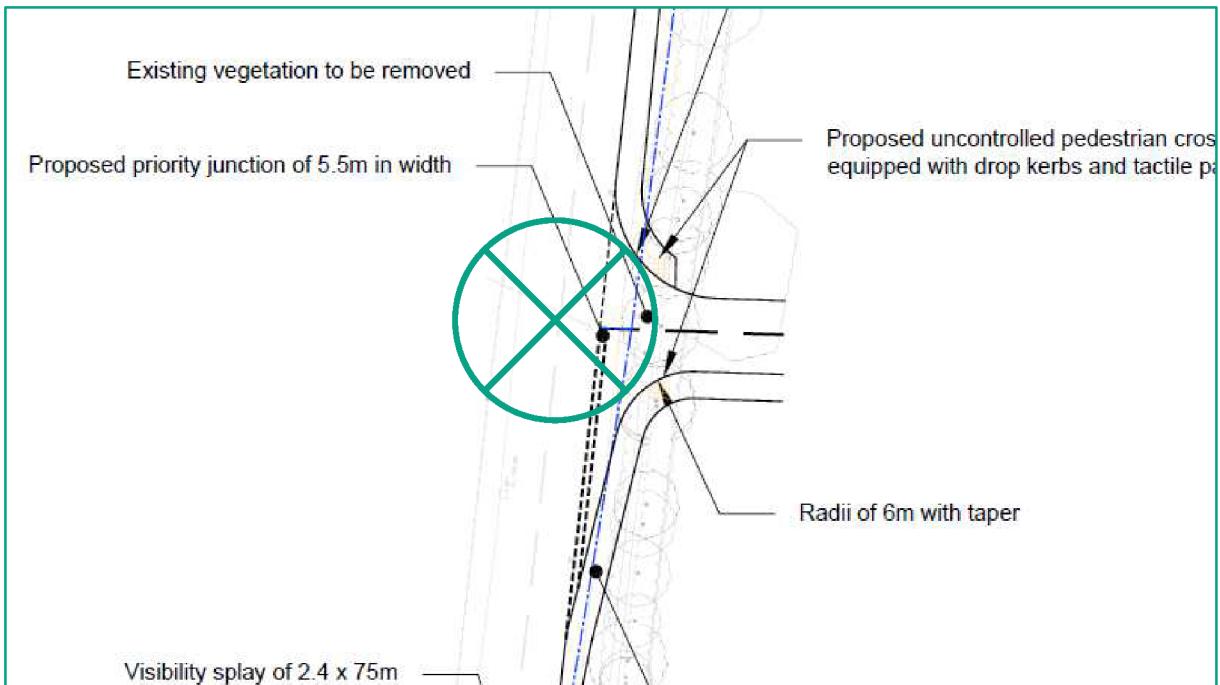
*Location:* A227 South Street. Drawing No. 35076 - H-01 – Proposed Access Arrangement

*Summary:* Potential for collisions arising from vehicles speeding.

3.1.1 It is acknowledged that the proposed visibility at the access is based upon the recorded speed of traffic on the A227 and as such is appropriate. However, the speed of traffic over this section is significantly above the signed limit and remains a concern. There is potential for late-braking, skids, and loss of control type incidents between through-traffic and turning vehicles resulting in possible injuries and increased severity to occupants, or riders.

### *RECOMMENDATION*

3.1.2 It is recommended that measures are introduced to reduce the speed of traffic on the A227 to within the signed 30mph limit, through the use of a gateway feature, or vehicle activated indicative signing for example.



Drawing Extract 1 - 35076 - H-01.



## 3.2 PROBLEM

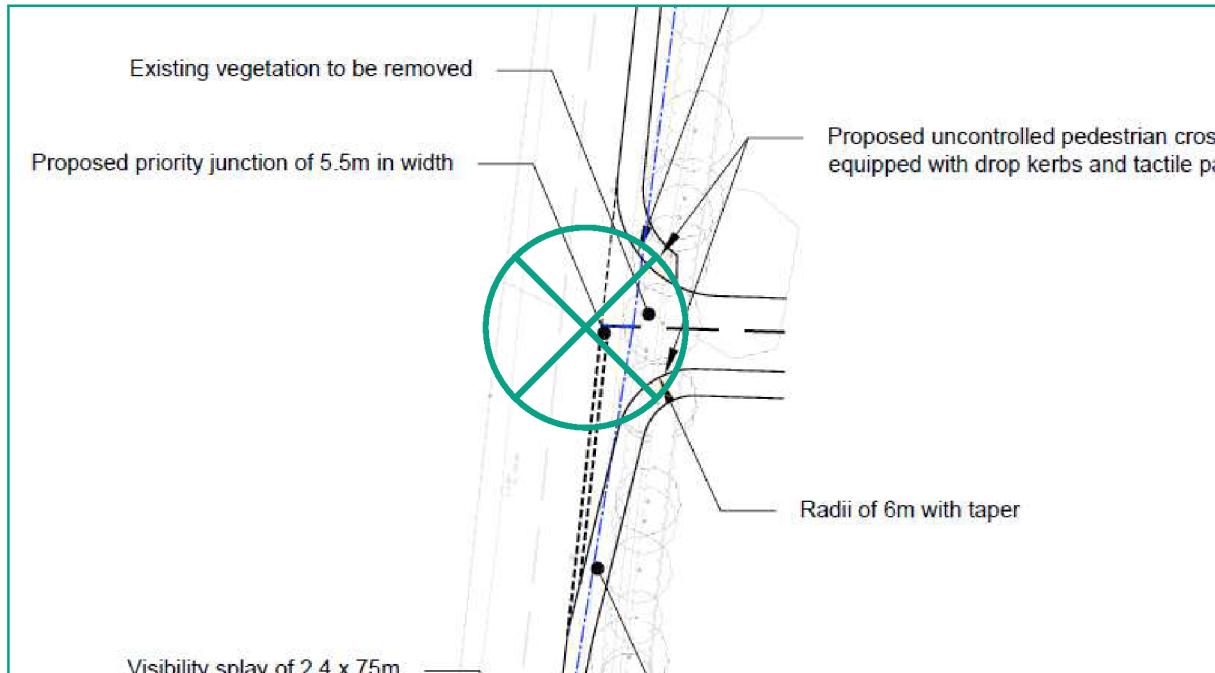
*Location:* Proposed access. Drawing No. 35076 - H-01 – Proposed Access Arrangement.

*Summary:* Potential for collisions arising from large vehicle access.

3.2.1 No vehicle swept path assessment is provided. There is potential for large vehicles to over-run, or over-sail, the adjacent footway leading to potential collisions between vehicles and pedestrians, resulting in possible injuries to pedestrians.

### RECOMMENDATION

3.2.2 It is recommended that a swept path assessment is undertaken for the largest typical vehicles to regularly and frequently visit the site to demonstrate safe and efficient access.



Drawing Extract 2 - 35076 - H-01.



*Image 2 – A227 view north.*

## SECTION 4: AUDIT STATEMENT

4.1 We certify this audit has been undertaken in accordance with DMRB Standard GG119 (Revision 2).

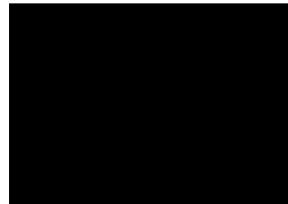
### Road Safety Audit Team Leader

A. R. J. Setter      BA (Hons) MSc CMILT MCIHT AMICE MSoRSA MTPS  
                            National Highways RSA Certificate of Competency (2015)

Director - Badingham Limited

16 Ashley Piece, Ramsbury, Marlborough, Wiltshire, SN8 2QE

Signed:



Date: 11<sup>th</sup> June 2025

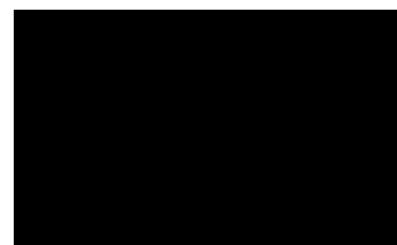
### Road Safety Audit Team Member

D. F. Rogers      JP CEng BEng (Hons) MICE MSoRSA FIHE FCIHT

Partner - Ashburn Partnership

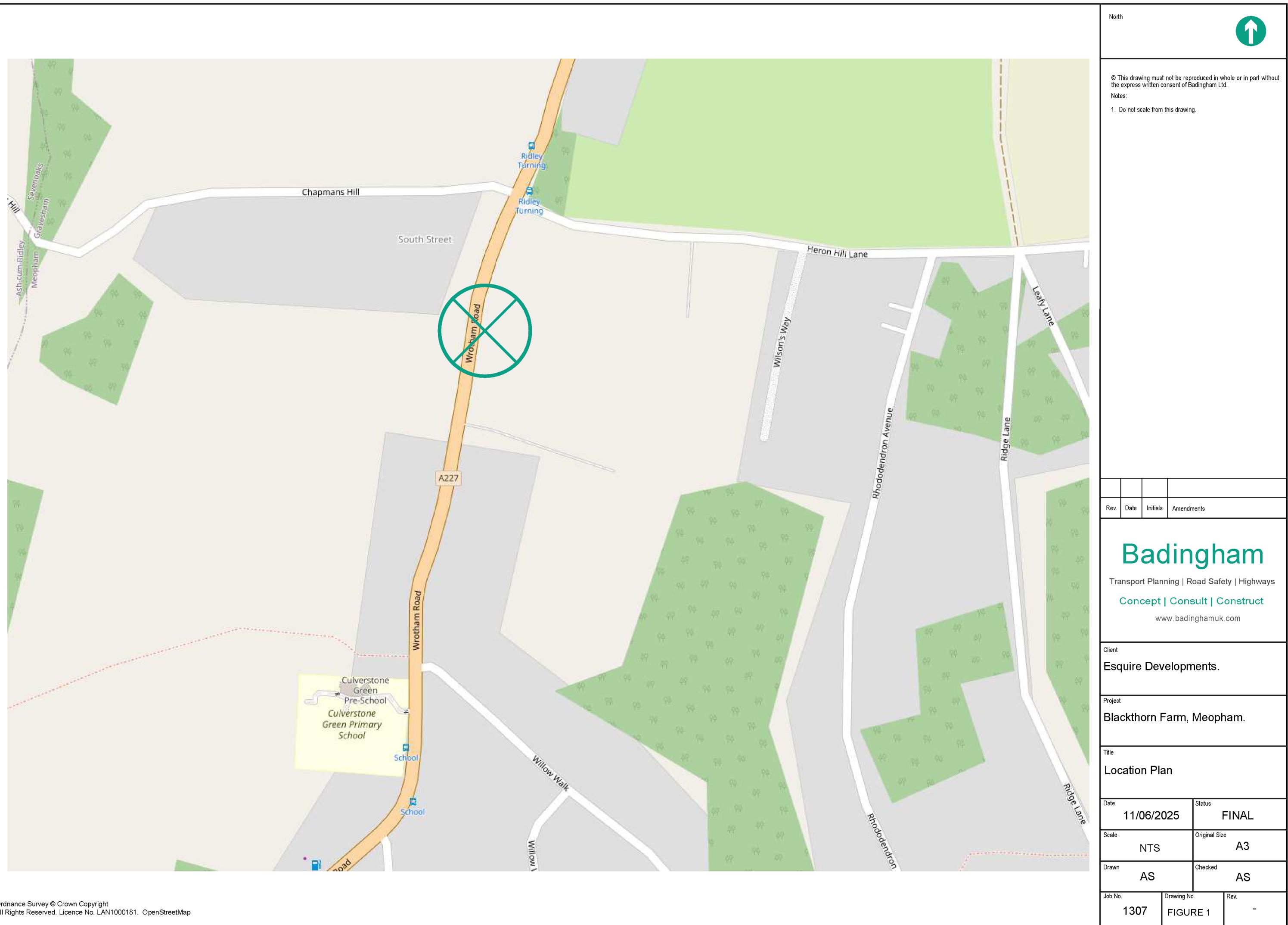
5 Mayfield, Upper Wanborough, Swindon, SN4 0ED

Signed:



Date: 11<sup>th</sup> June 2025

## FIGURES





North		
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Initials	Amendments	
<b>Badingham</b>		
Transport Planning   Road Safety   Highways		
Concept   Consult   Construct		
www.badinghamuk.com		
Client		
Esquire Developments.		
Project		
Blackthorn Farm, Meopham.		
Title		
Aerial Photo		
Date	Status	
11/06/2025	FINAL	
Scale	Original Size	
NTS	A3	
Drawn	Checked	
AS	AS	
Job No.	Drawing No.	Rev.
1307	FIGURE 2	-



North			
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Source: 35076-H-02 - Off-Site Improvements			
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	Initials		
	Amendments		
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Client	Esquire Developments.		
Project	Blackthorn Farm, Meopham.		
Title	Audit Problem Location Plan		
Date	11/06/2025	Status	FINAL
Scale	NTS	Original Size	A3
Drawn	AS	Checked	AS
Job No.	1307	Drawing No.	FIGURE 3
		Rev.	-

**Project Details** – Blackthorn Farm, Culverstone

**Date** – 11.06.2025



**Consultant/Design Engineer** – DHA

**Contact** – James Marsh, 01622 776226

### **Road Safety Audit Stage 1**

This document is in response to the issues raised in the Stage 1 RSA report prepared by Badingham Ltd on 11<sup>th</sup> June 2025. Ref 1307

### **Authorisation sheet**

<b>Prepared by:</b>	
Name:	<b>James Marsh</b>
Position	<b>Associate Engineer</b>
Signed:	
Organisation	<b>DHA</b>
Date:	<b>11/06/2025</b>
<b>Approved by:</b>	
Name:	<b>Chris Smoker</b>
Position	<b>Associate Director</b>
Signed:	
Organisation:	<b>DHA</b>
Date:	<b>11/06/2025</b>

### **Introduction**

The proposals at Blackthorn Farm, Culverstone Green, comprise a new priority junction onto South Street to serve a development of 100 residential units, as well as some off-site improvements. This Designer's Response was produced by James Marsh and approved by Chris Smokes of DHA in response to a Stage 1 Road Safety Audit prepared by Badingham Ltd on 11<sup>th</sup> June 2025, who assessed the access proposals. The overseeing organisation that will review this response is Kent County Council.

Item Number	RSA Issue	RSA Recommendation	Design Organisation Response	Overseeing Organisation Response	Agreed RSA Action
3.1	<p><b>Location:</b> A227 South Street. Drawing No.35076 – H-01 – Proposed Access Arrangement</p> <p><b>Summary:</b> Potential for collisions arising from vehicles speeding.</p> <p>It is acknowledged that the proposed visibility at the access is based upon the recorded speed of traffic on the A227 and as such is appropriate. However, the speed of traffic over this section is significantly above the signed limit and remains a concern. There is potential for later braking, skids and loss of control type incidents between through-traffic and turning vehicles resulting in possible injuries and increased severity to occupants, or riders.</p>	<p>It is recommended that measures are introduced to reduce speed of traffic on the A227 to within the signed 30mph limit, through the use of a gateway feature, or vehicle activated indicative signing for example.</p>	<p><b>Agreed.</b></p> <p>It is noted that the red-carpet roundels are being resurfaced highlighting the repeater signs for the 30mph.</p> <p>Either a Vehicle Activated Sign (VAS) or improvement to the gateway feature will be provided at the detailed design phase, which will be discussed with KCC Highways.</p>		
3.2	<p><b>Location:</b> B – Proposed access. Drawing No. 35076 – H-01 – Proposed Access Arrangement</p> <p><b>Summary:</b> Potential for collisions arising from large vehicle access.</p> <p>No vehicle swept path assessment is provided. There is potential for large vehicles to over-run, or over-sail the adjacent footway leading to potential collisions between vehicles and pedestrians, resulting in possible injuries to pedestrians.</p>	<p>It is recommended that a swept path assessment is undertaken for the largest typical vehicles to regularly and frequently visit the site to demonstrate safe and efficient access.</p>	<p><b>Agreed.</b></p> <p>Vehicle swept path analysis drawings are completed for a Kent refuse vehicle (11.4m length) and a 7.5t delivery van.</p>		

## Design Organisation and Overseeing Organisation Statements

**On behalf of the design organisation I certify that:**

- 1) The RSA actions identified in response to the issues raised in the road safety audit have been discussed and agreed with the Overseeing Organisation.**

Name:	
Signed:	
Position:	
Organisation:	
Date:	

**On behalf of the overseeing organisation I certify that:**

- 1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation; and**
- 2) The agreed RSA actions will be progressed.**

Name:	
Signed:	
Position:	
Organisation:	
Date:	

# Badingham Limited

Our Ref: 1307/AS

16 Ashley Piece  
Ramsbury  
Marlborough  
Wiltshire  
SN8 2QE

Your Ref: 35076

Tel. +44(0)7760 789659  
contact@badinghamuk.com  
www.badinghamuk.com

For the attention of T. Valek

DHA Planning

Eclipse House

Eclipse Business Park

Sittingbourne Road

Maidstone, Kent.

ME14 3EN

By email

25<sup>th</sup> June 2025

Dear Tom,

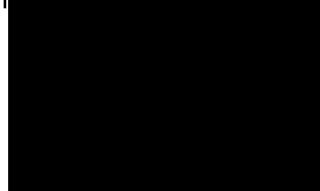
## BLACKTHORN FARM, CULVERSTONE – RSA1 DESIGNER’S RESPONSE

We refer to your recent email and attachments in respect of the above.

Our Audit Team has reviewed the Designer’s Response and confirm that this is an appropriate response in road safety terms. We have no further observations to make.

We trust the above is satisfactory but should you need any clarification or assistance please do not hesitate to get in contact.

Yours sincerely,



Anthony R. J. Setter  
Director

APPENDIX  
K



Buckla



Proposed Residential Development, Blackthorne Farm, Culverstone

NOTES:  
 Do Not Scale.  
 Report all discrepancies, errors and omissions.  
 Verify all dimensions on site before commencing any work on site or preparing shop drawings.  
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 For all specialist work, see relevant drawings.  
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Rev Date Description

PARKING STRATEGY PLAN		
Surface Parking	-	194 No
Visitors Parking	-	22 No
Space for secure cycle storage (indicative location)		
Total	-	216 No

Project Title  
 Proposed Residential Development  
 Blackthorne Farm  
 Culverstone

Drawing Description  
 Parking Strategy Plan

Scale  
 1:500@A1  
 Drawn by  
 JS  
 Date  
 November 2024  
 Checked by  
 TWM

CLAGUE ARCHITECTS  
 62 Burgate, Canterbury  
 Kent CT1 2BH  
 01227 762060  
 1 Kinsbourne Court, Luton Road,  
 Harpenden, Hertfordshire AL5 3BL  
 01582 765102  
 8, Disney Street  
 London SE1 1JF  
 0203 597 6112  
 CANTERBURY LONDON HARPENDEN  
 Drawing Number  
 23357B  
 Revision

APPENDIX

L



Calculation Reference: AUDIT-704001-250310-0353

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL  
Category : A - HOUSES PRIVATELY OWNED  
**TOTAL VEHICLES**

Selected regions and areas:

02	SOUTH EAST	
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	2 days
	HC HAMPSHIRE	2 days
	HF HERTFORDSHIRE	1 days
	KC KENT	2 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
04	EAST ANGLIA	
	NF NORFOLK	8 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
09	NORTH	
	DH DURHAM	1 days
	IM ISLE OF MAN	2 days
11	SCOTLAND	
	AS ABERDEENSHIRE	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings  
 Actual Range: 17 to 300 (units: )  
 Range Selected by User: 5 to 300 (units: )

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/16 to 18/09/24

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	2 days
Tuesday	7 days
Wednesday	7 days
Thursday	5 days
Friday	2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	19 days
Directional ATC Count	4 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	20

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	21
Out of Town	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	22 days - Selected
Servicing vehicles Excluded	100 days - Selected

Secondary Filtering selection:

Use Class:  
 C3 23 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

## Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	6 days
5,001 to 10,000	17 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	11 days
25,001 to 50,000	5 days
50,001 to 75,000	4 days
75,001 to 100,000	1 days
100,001 to 125,000	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	18 days
1.6 to 2.0	3 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	16 days
No	7 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	23 days
-----------------	---------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	AC-03-A-04	TOWN HOUSES	CHESHIRE WEST & CHESTER
	LONDON ROAD		
	NORTHWICH		
	LEFTWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	24	
	Survey date: THURSDAY	06/06/19	Survey Type: MANUAL
2	AS-03-A-02	MIXED HOUSES	ABERDEENSHIRE
	FARROCHIE ROAD		
	STONEHAVEN		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	131	
	Survey date: WEDNESDAY	20/04/22	Survey Type: MANUAL
3	CT-03-A-01	MIXED HOUSES	CENTRAL BEDFORDSHIRE
	ARLESEY ROAD		
	STOTFOLD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	46	
	Survey date: WEDNESDAY	22/06/22	Survey Type: MANUAL
4	DC-03-A-10	MIXED HOUSES	DORSET
	ADDISON CLOSE		
	GILLINGHAM		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	26	
	Survey date: WEDNESDAY	09/11/22	Survey Type: MANUAL
5	DH-03-A-01	SEMI DETACHED	DURHAM
	GREENFIELDS ROAD		
	BISHOP AUCKLAND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	50	
	Survey date: TUESDAY	28/03/17	Survey Type: MANUAL
6	ES-03-A-07	MIXED HOUSES & FLATS	EAST SUSSEX
	NEW ROAD		
	HAILSHAM		
	HELLINGLY		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	91	
	Survey date: THURSDAY	07/11/19	Survey Type: MANUAL
7	ES-03-A-13	DETACHED HOUSES	EAST SUSSEX
	A265		
	HEATHFIELD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	36	
	Survey date: MONDAY	18/03/24	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	HC-03-A-23 CANADA WAY LIPHOOK	HOUSES & FLATS	HAMPSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total No of Dwellings: 62		
	Survey date: TUESDAY	19/11/19	Survey Type: MANUAL
9	HC-03-A-31 KILN ROAD LIPHOOK	MIXED HOUSES & FLATS	HAMPSHIRE
	Edge of Town Residential Zone		
	Total No of Dwellings: 44		
	Survey date: FRIDAY	07/10/22	Survey Type: MANUAL
10	HF-03-A-03 HARE STREET ROAD BUNTINGFORD	MIXED HOUSES	HERTFORDSHIRE
	Edge of Town Residential Zone		
	Total No of Dwellings: 160		
	Survey date: MONDAY	08/07/19	Survey Type: MANUAL
11	IM-03-A-05 SCARLETT ROAD CASTLETON	MIXED HOUSES	ISLE OF MAN
	Edge of Town Residential Zone		
	Total No of Dwellings: 45		
	Survey date: TUESDAY	21/05/24	Survey Type: MANUAL
12	IM-03-A-06 MOORAGH PROMENADE RAMSEY	MIXED HOUSES	ISLE OF MAN
	Edge of Town Residential Zone		
	Total No of Dwellings: 129		
	Survey date: THURSDAY	23/05/24	Survey Type: MANUAL
13	KC-03-A-07 RECULVER ROAD HERNE BAY	MIXED HOUSES	KENT
	Edge of Town Residential Zone		
	Total No of Dwellings: 288		
	Survey date: WEDNESDAY	27/09/17	Survey Type: MANUAL
14	KC-03-A-10 HEADCORN ROAD STAPLEHURST	MIXED HOUSES	KENT
	Edge of Town Residential Zone		
	Total No of Dwellings: 106		
	Survey date: TUESDAY	09/05/23	Survey Type: MANUAL
15	NF-03-A-07 SILFIELD ROAD WYMONDHAM	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Out of Town		
	Total No of Dwellings: 297		
	Survey date: FRIDAY	20/09/19	Survey Type: DIRECTIONAL ATC COUNT
16	NF-03-A-10 HUNSTANTON ROAD HUNSTANTON	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone		
	Total No of Dwellings: 17		
	Survey date: WEDNESDAY	12/09/18	Survey Type: DIRECTIONAL ATC COUNT

LIST OF SITES relevant to selection parameters (Cont.)

17	NF-03-A-30 BRANDON ROAD SWAFFHAM	MIXED HOUSES	266	NORFOLK
	Edge of Town Residential Zone			
	Total No of Dwellings:	266		
	Survey date: THURSDAY	23/09/21	Survey Type: MANUAL	
18	NF-03-A-32 HUNSTANTON ROAD HUNSTANTON	MIXED HOUSES & FLATS		NORFOLK
	Edge of Town Residential Zone			
	Total No of Dwellings:	164		
	Survey date: WEDNESDAY	21/09/22	Survey Type: DIRECTIONAL ATC COUNT	
19	NF-03-A-33 LONDON ROAD ATTLEBOROUGH	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone			
	Total No of Dwellings:	143		
	Survey date: THURSDAY	29/09/22	Survey Type: MANUAL	
20	NF-03-A-34 NORWICH ROAD SWAFFHAM	MIXED HOUSES		NORFOLK
	Edge of Town Out of Town			
	Total No of Dwellings:	80		
	Survey date: TUESDAY	27/09/22	Survey Type: MANUAL	
21	NF-03-A-39 HEATH DRIVE HOLT	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone			
	Total No of Dwellings:	212		
	Survey date: TUESDAY	27/09/22	Survey Type: MANUAL	
22	NF-03-A-47 BURGH ROAD AYLSHAM	MIXED HOUSES & FLATS		NORFOLK
	Edge of Town Residential Zone			
	Total No of Dwellings:	300		
	Survey date: WEDNESDAY	21/09/22	Survey Type: DIRECTIONAL ATC COUNT	
23	WS-03-A-22 SHOPWHYKE ROAD CHICHESTER	MIXED HOUSES & FLATS		WEST SUSSEX
	Edge of Town Residential Zone			
	Total No of Dwellings:	129		
	Survey date: TUESDAY	19/03/24	Survey Type: MANUAL	

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED  
**TOTAL VEHICLES**

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	23	124	0.095	23	124	0.288	23	124	0.383
08:00 - 09:00	23	124	0.142	23	124	0.350	23	124	0.492
09:00 - 10:00	23	124	0.144	23	124	0.167	23	124	0.311
10:00 - 11:00	23	124	0.117	23	124	0.157	23	124	0.274
11:00 - 12:00	23	124	0.145	23	124	0.141	23	124	0.286
12:00 - 13:00	23	124	0.150	23	124	0.137	23	124	0.287
13:00 - 14:00	23	124	0.158	23	124	0.149	23	124	0.307
14:00 - 15:00	23	124	0.171	23	124	0.187	23	124	0.358
15:00 - 16:00	23	124	0.276	23	124	0.181	23	124	0.457
16:00 - 17:00	23	124	0.281	23	124	0.177	23	124	0.458
17:00 - 18:00	23	124	0.338	23	124	0.165	23	124	0.503
18:00 - 19:00	23	124	0.278	23	124	0.169	23	124	0.447
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.295			2.268				4.563

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\* FACT. Trip rates are then rounded to 3 decimal places.

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#### Parameter summary

Trip rate parameter range selected:	17 - 300 (units: )
Survey date date range:	01/01/16 - 18/09/24
Number of weekdays (Monday-Friday):	27
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	21
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-704001-250310-0318

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : B - AFFORDABLE/LOCAL AUTHORITY HOUSES

## TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX      ESSEX	1 days
03	SOUTH WEST	
	WL      WILTSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	KS      KIRKLEES	1 days
09	NORTH	
	FU      WESTMORLAND & FURNESS	1 days
11	SCOTLAND	
	DU      DUNDEE CITY	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings  
 Actual Range: 17 to 228 (units: )  
 Range Selected by User: 10 to 516 (units: )

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/16 to 06/09/23

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday	1 days
Thursday	1 days
Friday	3 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	5 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	2
Edge of Town	1
Neighbourhood Centre (PPS6 Local Centre)	2

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	3
Village	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	X days - Selected
Servicing vehicles Excluded	12 days - Selected

Secondary Filtering selection:

Use Class:  
 C3 5 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

## Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	2 days
5,001 to 10,000	2 days
15,001 to 20,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,000 or Less	1 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
125,001 to 250,000	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	4 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	5 days
----	--------

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	5 days
-----------------	--------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	DU-03-B-01	TERRACED BUNGALOWS 307-441 BALUNIE DRIVE DUNDEE DOUGLAS & ANGUS Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 68 Survey date: FRIDAY	21/04/17	DUNDEE CITY Survey Type: MANUAL
2	EX-03-B-01	MIXED HOUSES & FLATS SHIMBROOKS NEAR BRAINTREE GREAT LEIGHS Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 228 Survey date: THURSDAY	10/05/18	ESSEX Survey Type: MANUAL
3	FU-03-B-01	SEMI DETACHED & TERRACED PENNINE WAY ALSTON  Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 66 Survey date: FRIDAY	13/05/22	WESTMORLAND & FURNESS Survey Type: MANUAL
4	KS-03-B-02	TERRACED HOUSES SYKES CLOSE BATLEY  Edge of Town Residential Zone Total No of Dwellings: 17 Survey date: FRIDAY	19/10/18	KIRKLEES Survey Type: MANUAL
5	WL-03-B-01	TERRACED HOUSES BUTTERFIELD DRIVE AMESBURY  Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 54 Survey date: TUESDAY	18/09/18	WILTSHIRE Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 03 - RESIDENTIAL/B - AFFORDABLE/LOCAL AUTHORITY HOUSES  
**TOTAL VEHICLES**

Calculation factor: 1 DWELLS

**BOLD** print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	87	0.076	5	87	0.222	5	87	0.298
08:00 - 09:00	5	87	0.109	5	87	0.233	5	87	0.342
09:00 - 10:00	5	87	0.095	5	87	0.164	5	87	0.259
10:00 - 11:00	5	87	0.079	5	87	0.104	5	87	0.183
11:00 - 12:00	5	87	0.074	5	87	0.102	5	87	0.176
12:00 - 13:00	5	87	0.109	5	87	0.079	5	87	0.188
13:00 - 14:00	5	87	0.099	5	87	0.090	5	87	0.189
14:00 - 15:00	5	87	0.109	5	87	0.113	5	87	0.222
15:00 - 16:00	5	87	0.178	5	87	0.111	5	87	0.289
16:00 - 17:00	5	87	0.208	5	87	0.104	5	87	0.312
17:00 - 18:00	5	87	0.226	5	87	0.159	5	87	0.385
18:00 - 19:00	5	87	0.192	5	87	0.139	5	87	0.331
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		1.554			1.620				3.174

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\* FACT. Trip rates are then rounded to 3 decimal places.

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#### Parameter summary

Trip rate parameter range selected:	17 - 228 (units: )
Survey date date range:	01/01/16 - 06/09/23
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

APPENDIX  
M



W003EW - Location of usual residence and place of work by method of travel to work (MSOA level)

ONS Crown Copyright Reserved (from Nominis on 25 March 2005)

population All usual residents aged 16 and over in employment the week before the census  
units Persons  
date 2011  
method of travel to work All categories: Method of travel to work (2001 specification)

usual residence

place of work: E00000007 :  
GreaterLondon43

East	49
EastMidlands	5
London	629
North East	2
NorthWest	4
NorthWestIreland	1
Scotland	4
SouthWest	6
Wales	0
West Midlands	4
Yorkshire and The Humber	7
Aber	0
Aeon	0
Arundel	11
Aylesbury Vale	0
Basingstoke and Deane	1
Bedford Forest	3
Bognor and Hove	0
Canterbury	12
Chelten	0
Chichester	0
Churn	0
Croydon	6
Dover	2
EastHampshire	0
Eastleigh	0
Eastleigh	0
Embridge	2
Epsom and Ewell	2
Fareham	0
Gosport	0
Oxford	2
Hart	2
Hartings	1
Hastings	0
Harrow	1
Hertfordshire	1
Isle of Wight	0
Leeds	0
Madison	90
MidSsex	1
Milton Keynes	0
Mole Valley	2
NewForest	0
Orford	0
Portsmouth	0
Reading	0
Reigate and Banstead	5
Rother	0
Runnymede	1
Rutherford	0
Slough	7
SouthBucks	3
SouthOxfordshire	0
SouthHants	1
Southwark	0
SurreyHeath	1
Swind	29
Tandridge	5
Test Valley	0
Thetet	1
TunbridgeWells	37
Valley of White Horse	0
Waverley	0
Weydown	2
WestBerkshires	0
WestEssex	0
Winchester	0
Windsor and Maidenhead	4
Woking	1
Wokingham	0
Wye	0
E0000314 : Melway_001	8
E0000315 : Melway_002	0
E0000316 : Melway_003	8
E0000317 : Melway_004	20
E0000318 : Melway_005	0
E0000319 : Melway_006	3
E0000320 : Melway_007	20
E0000321 : Melway_008	2
E0000322 : Melway_009	0
E0000323 : Melway_010	0
E0000324 : Melway_011	13
E0000325 : Melway_012	2
E0000326 : Melway_013	0
E0000327 : Melway_014	1
E0000328 : Melway_015	25
E0000329 : Melway_016	3
E0000330 : Melway_017	0
E0000331 : Melway_018	1
E0000332 : Melway_019	0
E0000333 : Melway_020	1
E0000334 : Melway_021	0
E0000335 : Melway_022	1
E0000336 : Melway_023	1
E0000337 : Melway_024	4
E0000338 : Melway_025	3
E0000339 : Melway_026	8
E0000340 : Melway_027	3
E0000341 : Melway_028	3
E0000342 : Melway_029	0
E0000343 : Melway_030	7
E0000344 : Melway_031	0
E0000345 : Melway_032	0
E0000346 : Melway_033	2
E0000347 : Melway_034	0
E0000348 : Melway_035	1
E0000349 : Melway_036	0
E0000350 : Melway_037	0
E0000351 : Melway_038	2
E0005149 : Torridge and M.	2
E0005150 : Torridge and M.	7
E0005151 : Torridge and M.	12
E0005152 : Torridge and M.	18
E0005153 : Torridge and M.	27
E0005154 : Torridge and M.	33
E0005155 : Torridge and M.	3
E0005156 : Torridge and M.	0
E0005157 : Torridge and M.	1
E0005158 : Torridge and M.	0
E0005159 : Torridge and M.	0
E0005160 : Torridge and M.	17
E0005161 : Torridge and M.	1
E0006057 : Seaviews 001	20
E0006058 : Seaviews 001	7
E0006059 : Seaviews 002	12
E0006060 : Seaviews 003	14
E0006061 : Seaviews 004	26
E0006062 : Seaviews 005	11
E0006063 : Seaviews 006	11
E0006064 : Seaviews 007	16
E0006065 : Seaviews 008	7
E0006066 : Seaviews 009	11
E0006067 : Seaviews 010	14
E0006068 : Seaviews 011	2
E0006069 : Seaviews 012	40
E0006070 : Seaviews 013	6
E0006071 : Seaviews 014	2
E0006072 : Seaviews 015	0
E0006073 : Seaviews 016	20
E0006074 : Seaviews 017	31
E0006075 : Gravesham 002	128
E0006076 : Gravesham 003	27
E0006077 : Gravesham 004	13
E0006078 : Gravesham 005	17
E0006079 : Gravesham 006	23
E0006080 : Gravesham 007	5
E0006081 : Gravesham 008	6
E0006082 : Gravesham 009	5
E0006083 : Gravesham 010	11
E0006084 : Gravesham 011	8
E0006085 : Gravesham 012	93
E0006086 : Gravesham 013	25
E0006087 : Dafford 001	15
E0006088 : Dafford 002	12
E0006089 : Dafford 003	37
E0006090 : Dafford 004	2
E0006091 : Dafford 005	3
E0006092 : Dafford 006	115
E0006093 : Dafford 007	5
E0006094 : Dafford 008	28
E0006095 : Dafford 009	6
E0006096 : Dafford 010	3
E0006097 : Dafford 011	6
E0006098 : Dafford 012	6
E0006099 : Dafford 013	43

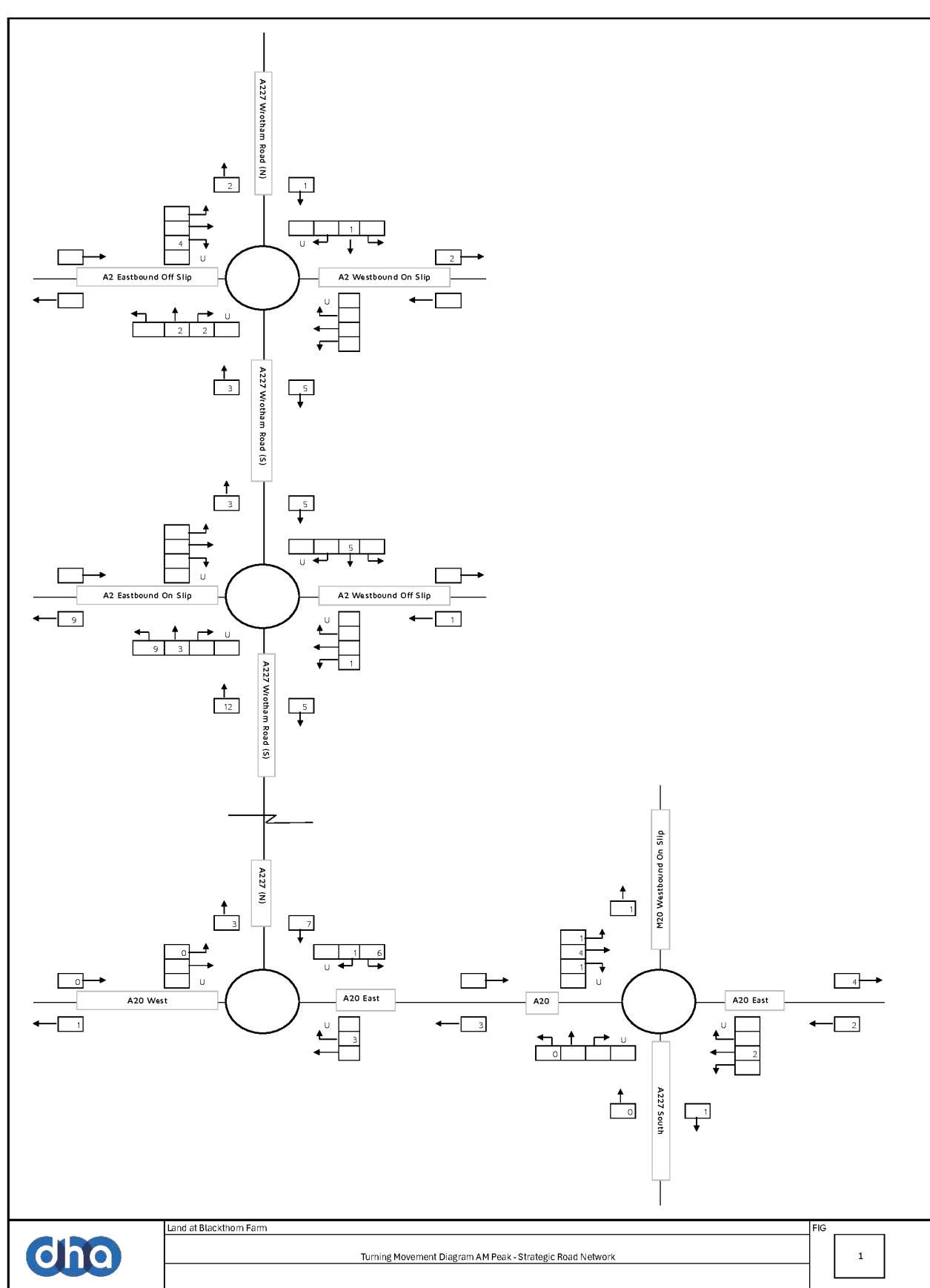
In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

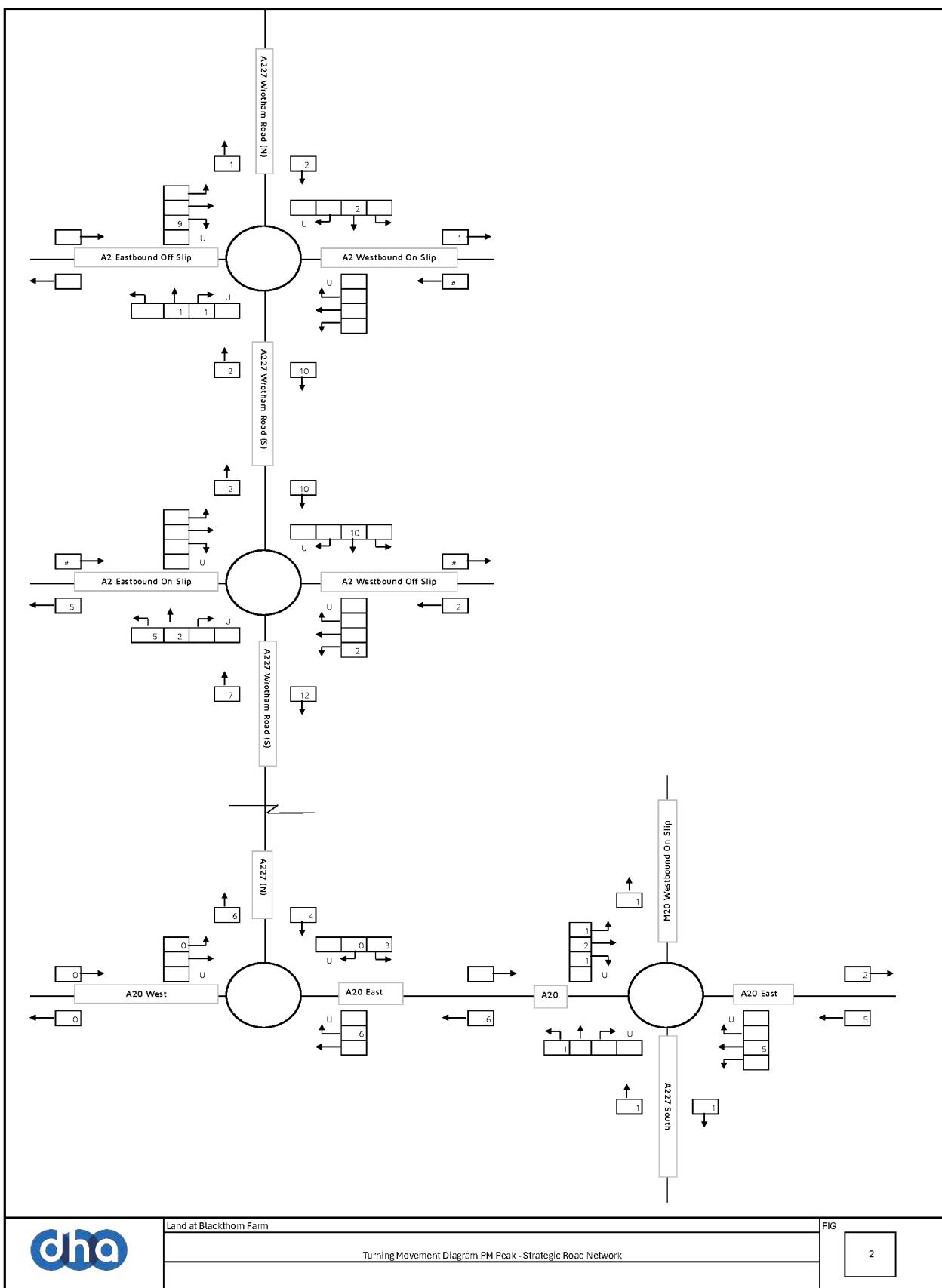
**WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)**

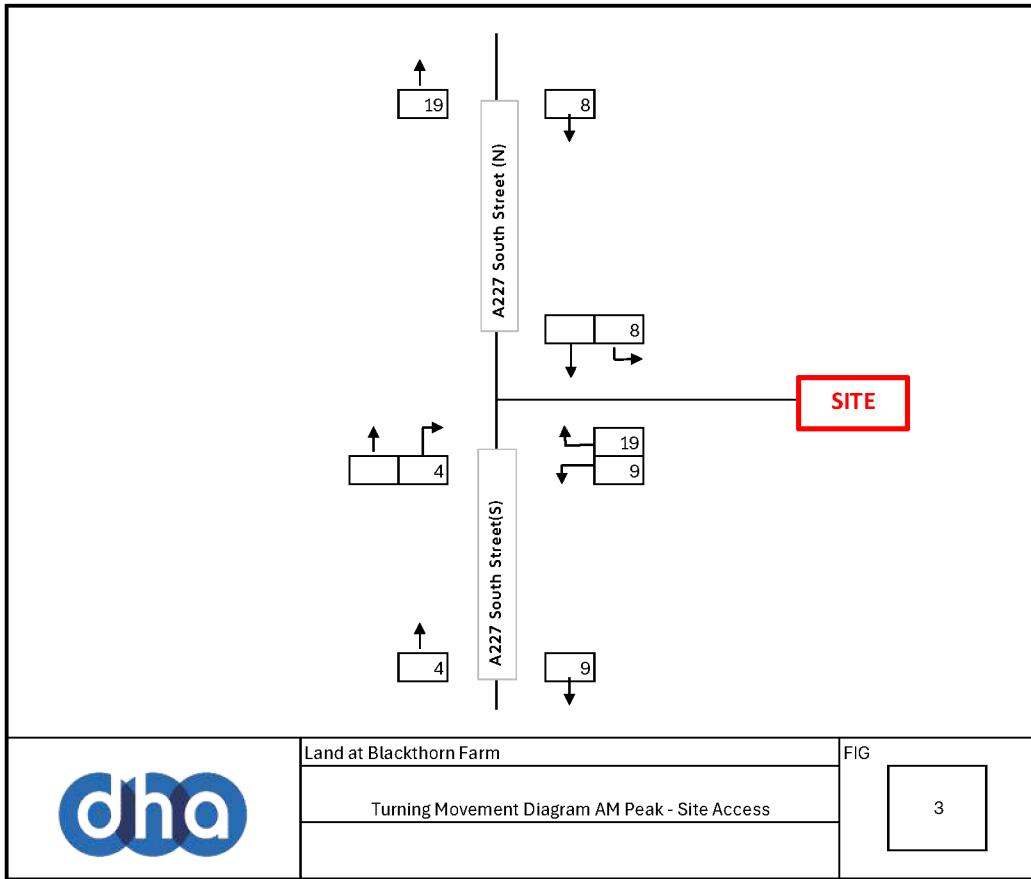
place of work	No.	Site Access / A227 Junction		A227 / A2 Junction		A227 / A20 Junction		A20 / A227 / M20 Junction			
		Left turn: Site Access to A227 (S)	Right turn: Site Access to A227 (N)	Left turn: A227 to A2 (W)	Straight on: A227 to A227	Right turn: A227 to A2 (E)	Left turn: A227 to A20 (E)	Right turn: A227 to A20 (W)	Left turn: A20 to M20	Straight on: A20 to A20	Right turn: A20 to A227
East	36			36	36						
East Midlands	5	2	3	3	3						
London	393			393	393						
North East	21	1	1	1	1			1		1	
North West	4	3	1	1	1			3		3	
Northern Ireland	1	0	1	1	1			0		0	
Scotland	31	1	2	2	2			1		1	
South West	3	3						3		3	
West Midlands	21	1	1	1	1			1		1	
Yorkshire and The Humber	71	2	5	5	5			2		2	
Ashford	9	9						1		1	
Basingstoke and Deane	1	1						1		1	
Bracknell Forest	3	3						3		3	
Canterbury	11	4	7				7	4		4	
Crawley	81	5	3		3			5		3	
Dover	2	1					1	1		1	
Elmbridge	2	2						1		1	
Epsom and Ewell	21	2						2		2	
Guildford	2	2						2		2	
Hart	2	2						2		2	
Hastings	11	1						1		1	
Horsham	1	1						1		0	
Madstone	83	83						55		55	
Mid Sussex	11	1	0		0			0		0	
Mole Valley	2	2						1		1	
Reigate and Banstead	5	3	2		2			2		1	
Shepway	81	6						6		6	
Slough	2	2						2		2	
Surrey Heath	11	1						1		1	
Swale	26	13	13				13	13		13	
Tandridge	4	4						2		1	
Thanet	11	1	1				1	1		1	
Tunbridge Wells	25	35						35		35	
Wealden	2	2						2		1	
Windsor and Maidenhead	41	4						4		4	
E02015028: Dartford 001	13	4	9	4				4		4	
E02015029: Dartford 002	10		10	5							
E02015030: Dartford 003	33	11	22	11				11		11	
E02015031: Dartford 004	2		2	1							
E02015032: Dartford 005	3	1	2	1				1		1	
E02015033: Dartford 006	94		94	31							
E02015034: Dartford 007	6	3	3	3				3		3	
E02015035: Dartford 008	27	9	18	9				9		9	
E02015036: Dartford 009	51	2	3	2				2		2	
E02015037: Dartford 010	3	1	2	1				1		1	
E02015038: Dartford 011	5		5	3							
E02015039: Dartford 012	51	2	3	2							
E02015040: Dartford 013	37		37					2			
E02015055: Gravesham 001	26		26	9	17						
E02015056: Gravesham 002	92		92					61			
E02015057: Gravesham 003	18		18					6			
E02015058: Gravesham 004	11		11					11			
E02015059: Gravesham 005	15		15					8			
E02015060: Gravesham 006	21		21	11							
E02015061: Gravesham 007	51		5	2				2			
E02015062: Gravesham 008	5		5					5			
E02015063: Gravesham 009	4		4		4						
E02015064: Gravesham 010	101		10				5				
E02015065: Gravesham 011	5		5				3				
E02015066: Gravesham 012	76		76								
E02015067: Gravesham 013	471	24	24								
E02015087: Sevenoaks 001	7	2	5	2				2		2	
E02015088: Sevenoaks 002	10	3	7	3				3		3	
E02015089: Sevenoaks 003	11	4	7	4				4		4	
E02015090: Sevenoaks 004	23		23								
E02015051: Sevenoaks 005	8	5	3				3	3		3	
E02015053: Sevenoaks 007	16	8	8					8			
E02015054: Sevenoaks 008	7	7					4	4		4	
E02015095: Sevenoaks 009	10	10					7	3		2	
E02015096: Sevenoaks 010	13	13						13		13	
E02016097: Sevenoaks 011	4	2					1	1		1	
E02015098: Sevenoaks 012	321	21	11				11	11		11	
E02015099: Sevenoaks 013	6	6					4	2		2	
E020150100: Sevenoaks 014	2	2					2			1	
E02016832: Sevenoaks 016	18		18								
E02015149: Tonbridge and Malling 001	2		2							1	
E02015150: Tonbridge and Malling 002	1		7					2		2	
E02015161: Tonbridge and Malling 003	12		12					4		4	
E02015163: Tonbridge and Malling 005	15		15					5		5	
E02015164: Tonbridge and Malling 006	59		59					39		20	
E02015165: Tonbridge and Malling 007	32		32					11		11	
E02015166: Tonbridge and Malling 008	3		3					3		2	
E02015168: Tonbridge and Malling 010	1		1					1		1	
E02015169: Tonbridge and Malling 012	15		15					15		8	
E02015161: Tonbridge and Malling 013	1		1					1		0	
E02016833: Tonbridge and Malling 014	22		22					7		7	
E02015314: Medway 001	7	2	5								
E02015316: Medway 003	8	3	5								
E02015317: Medway 004	18		18					12			
E02015319: Medway 006	3		3					3			
E02015320: Medway 007	19		13	6				6		13	
E02015321: Medway 008	21		21					11			
E02015324: Medway 011	11		11					7			
E02015325: Medway 012	2		2					2			
E02015327: Medway 014	1		1					1			
E02015328: Medway 015	21	7	14				14	14		14	
E02015329: Medway 016	3		3					3			
E02015331: Medway 018	11	0	1					1		0	
E02015333: Medway 020	1	0	1					1		0	
E02015335: Medway 022	1	0	1					1		0	
E02015336: Medway 023	1	0	1					1		0	
E02015338: Medway 025	21	1	1					1		1	
E02015339: Medway 026	7	2	5					2		2	
E02015340: Medway 027	3	1	2					2		1	
E02015341: Medway 028	2	1	1					1		1	
E02015343: Medway 030	7	2	5					5		2	
E02015346: Medway 033	2	1	1					1		1	
E02015348: Medway 035	1	1	0					0		1	
E02015351: Medway 038	2	1	1					0		1	
<b>Totals</b>	1,712	547	1163	550	109	107	389	33	56	260	
<b>Percentages</b>		32%	68%	32%	6%	6%	22%	2%	3%	15%	
		Left turn: Site Access to A227 (S)	Right turn: Site Access to A227 (N)	Left turn: A227 to A2 (W)	Straight on: A227 to A227	Right turn: A227 to A2 (E)	Left turn: A227 to A20 (E)	Right turn: A227 to A20 (W)	Left turn: A20 to M20	Straight on: A20 to A20	Right turn: A20 to A227

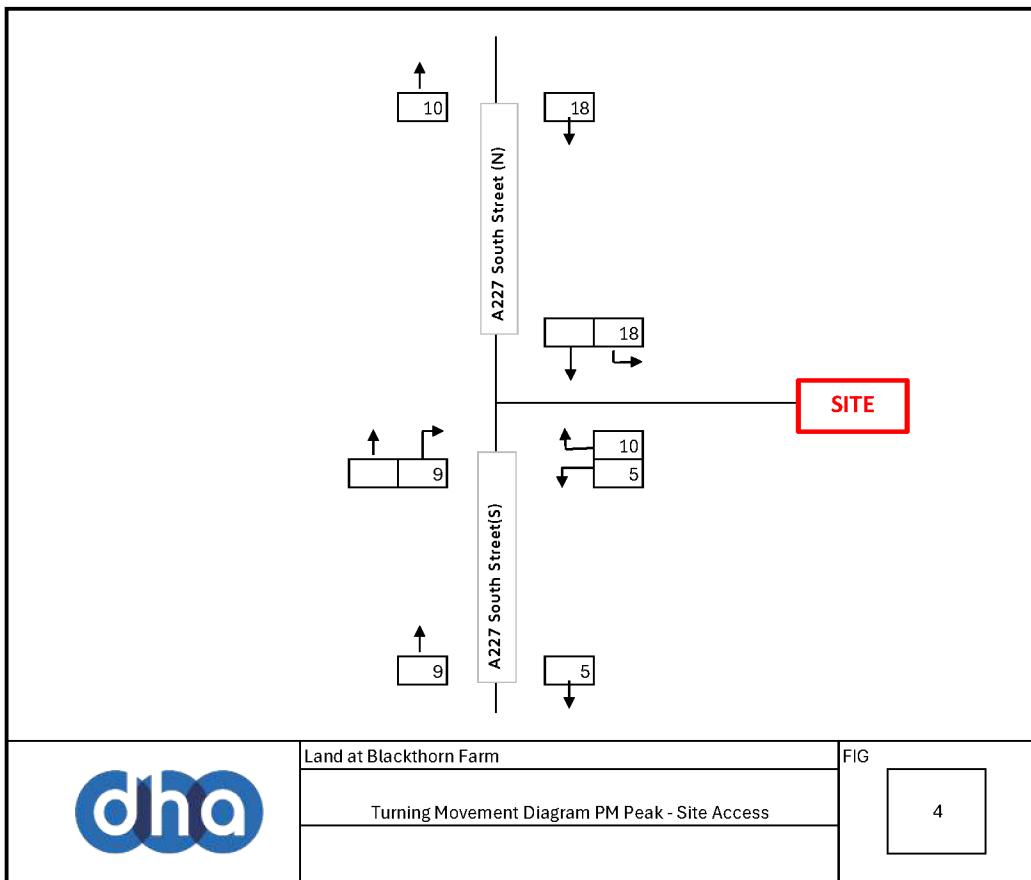
APPENDIX  
N





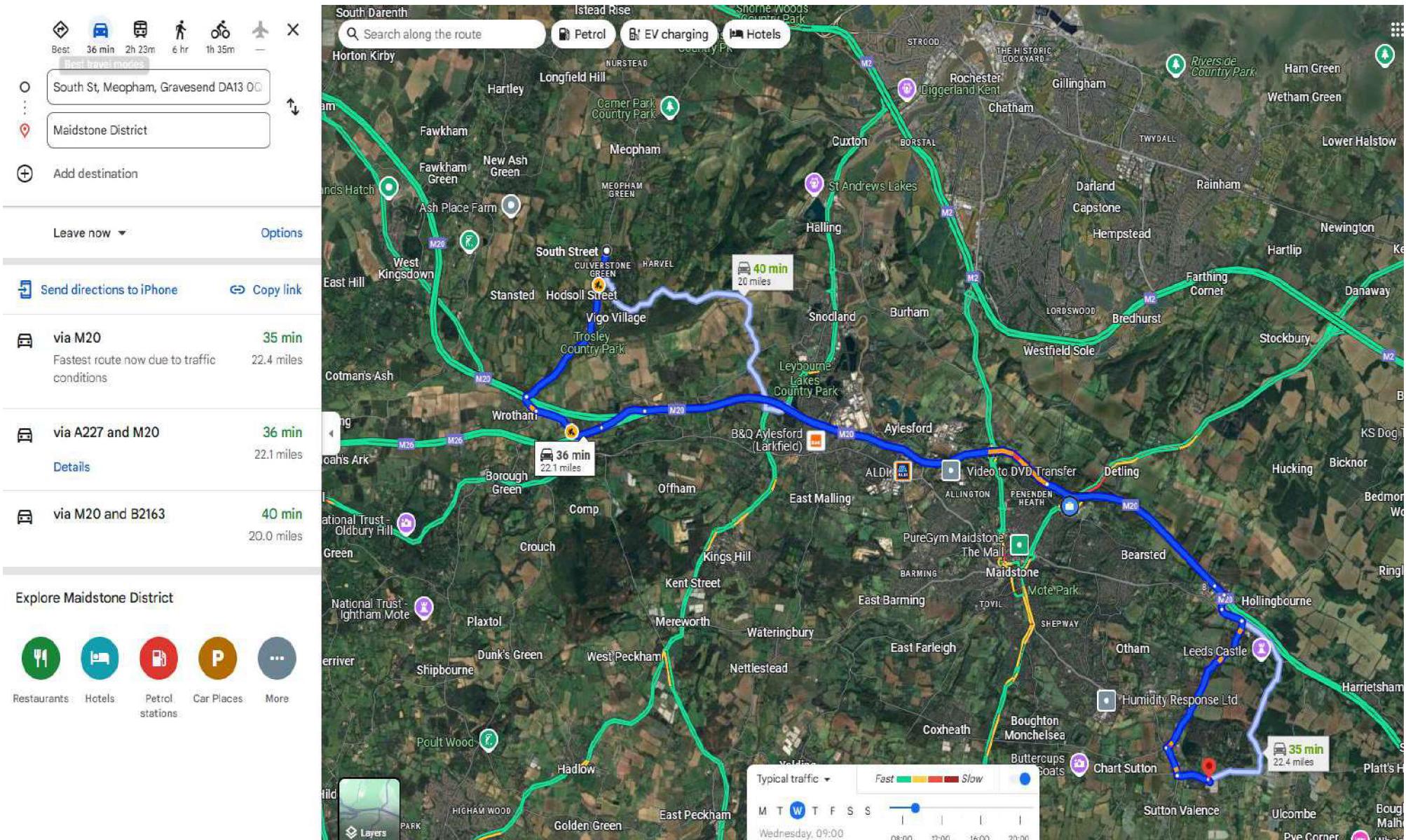


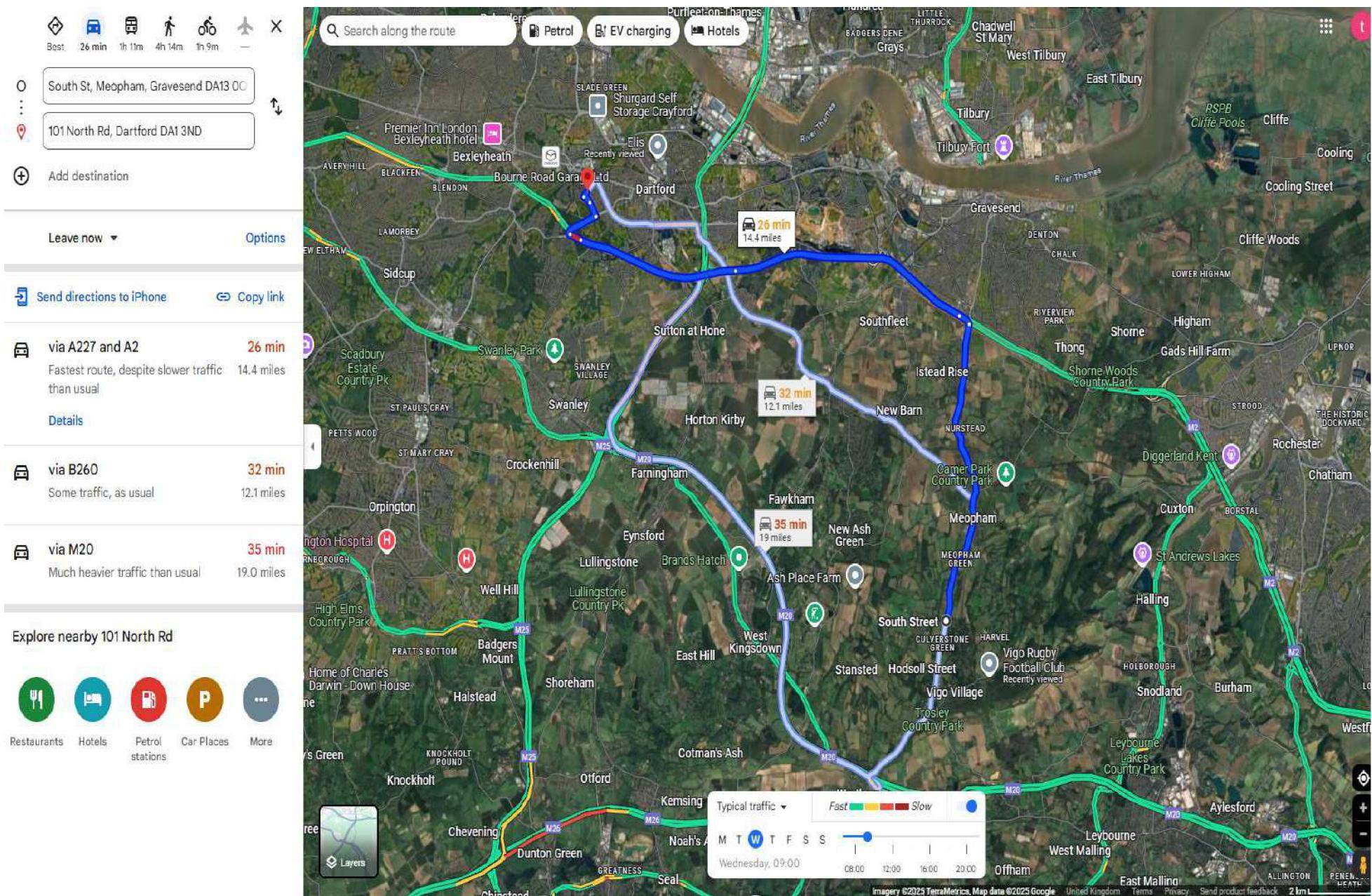




APPENDIX  
O







Search along the route

Petrol EV charging Hotels

Best 13 min 13 hr 1h 53m 31 min

O South St, Meopham, Gravesend DA13 0G

··· Tonbridge and Malling District

Add destination

Leave now Options

Send directions to iPhone Copy link

via A227 and London Rd/A20 13 min

Fastest route, despite the usual traffic 6.1 miles

Details

Explore Tonbridge and Malling District

Restaurants Hotels Petrol stations Car Places More

MEOPHAM GREEN

Brands Hatch

Ash Place Farm

London Golf Club

South Street

Culverstone Community Association  
Recently viewed

Vigo Rugby Football Club  
Recently viewed

Woodlands Garden Centre

Stansted

Hodsoll Street

Vigo Village

Trosley Country Park

Cotman's Ash

Wrotham

Addington

Larkfield

Aylesford

Leybourne Lakes Country Park

West Malling

East Malling

Comp

Offham

Borough Green

Igham

Noah's Ark

Kemsing

Seal

National Trust - Oldbury Hill

St Andrews Lakes

Halling

Wouldham

HOLBOROUGH

Snodland

Burham

MEOPHAM

GREEN

Search along the route

Petrol EV charging Hotels

South St, Meopham, Gravesend DA13 00

Chatham ME4 5LF

Add destination

Leave now Options

Send directions to iPhone Copy link

via A227 35 min  
Fastest route, despite the usual traffic 13.8 miles

Details

via A227 and A2 37 min  
11.3 miles

via M20 37 min  
Some traffic, as usual 18.7 miles

Explore Chatham

Restaurants Hotels Petrol stations Car Places More

Typical traffic Fast Slow

Wednesday, 09:00 08:00 12:00 16:00 20:00

Layers

Best 1h 42m 2h 22m 13 hr 3h 46m

South St, Meopham, Gravesend DA13 0OQ  
Wembley

Add destination

Leave now Options

Send directions to iPhone Copy link

**via A406** 1 hr 42 min  
Fastest route, despite the usual traffic  
⚠ This route has tolls.

**Details**

**via A2** 1 hr 56 min  
Heavy traffic, as usual

**Explore Wembley**

Restaurants Hotels Petrol stations Car Places More

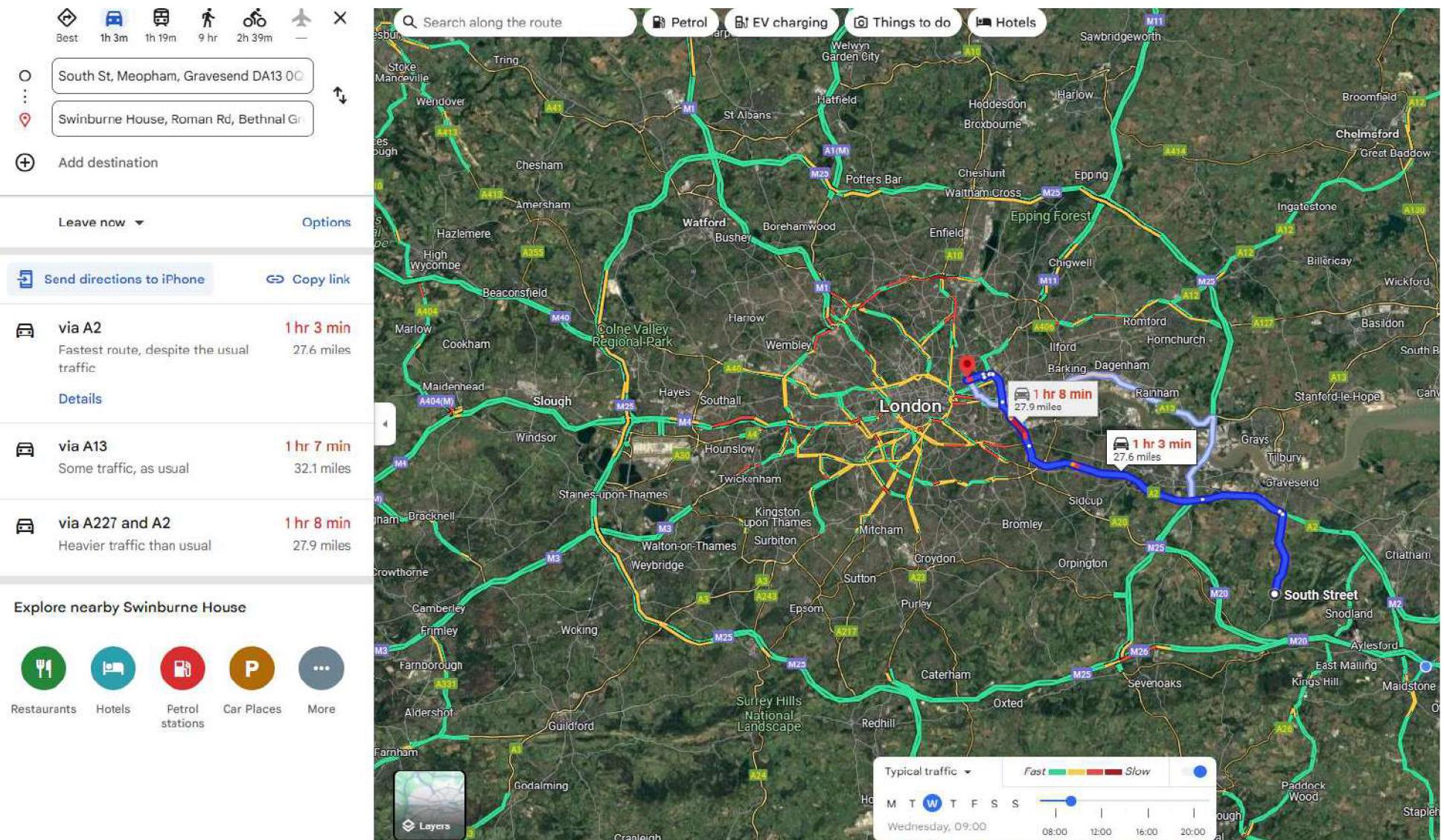
Layers

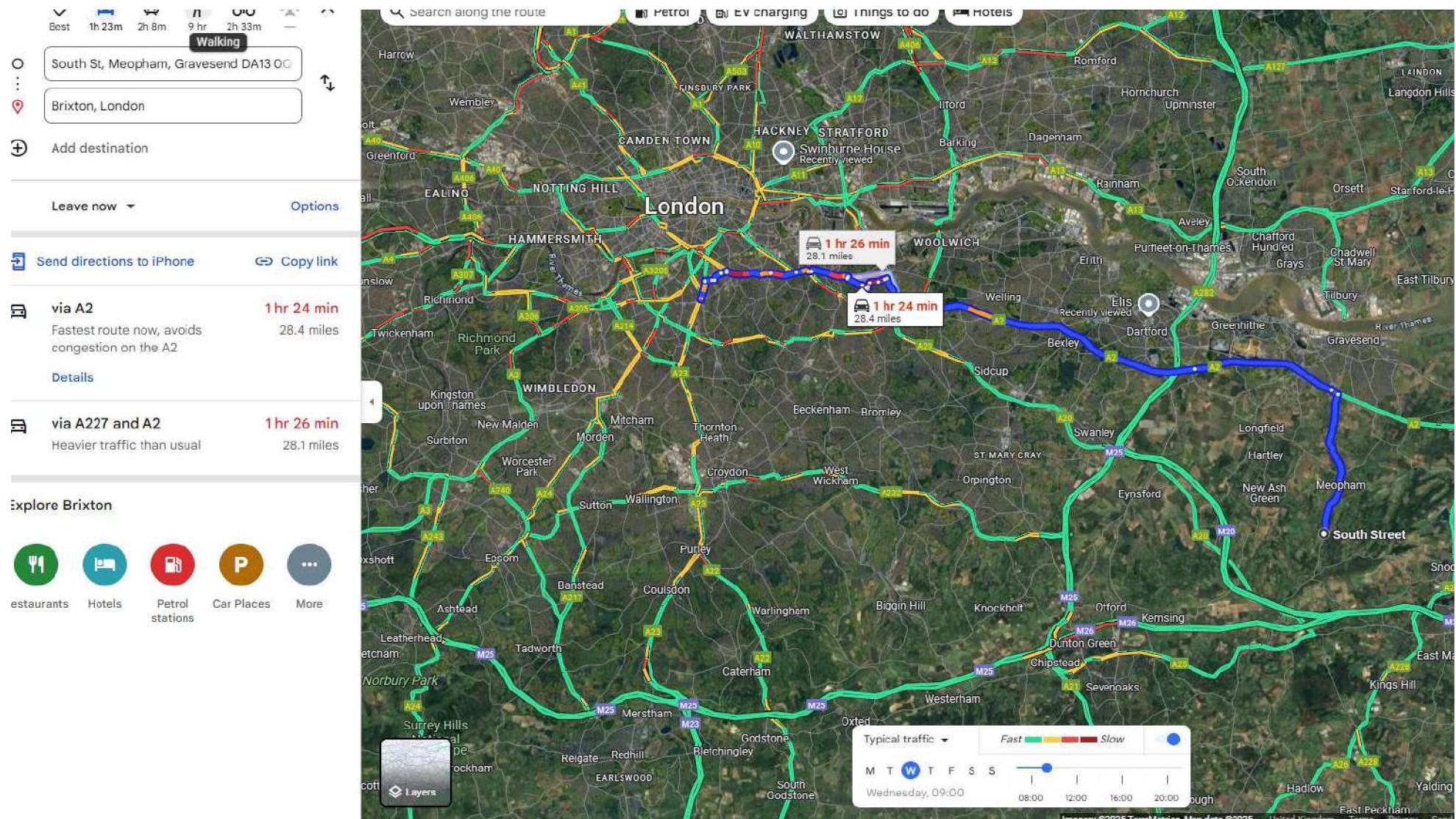
Search along the route Petrol EV charging Things to do Hotels

1 hr 42 min 47.5 miles

1 hr 56 min 49.3 miles

Typical traffic Fast Slow  
M T W T F S S  
Wednesday, 09:00 08:00 12:00 16:00 20:00





Leave now Options

Send directions to iPhone Copy link

via A2 1 hr 41 min  
Best route, despite heavier traffic 31 miles

Details

via M20 1 hr 39 min  
Heavier traffic than usual 32.5 miles

via M20 and A20 1 hr 42 min  
Heavier traffic than usual 31 miles

Explore Chelsea

Typical traffic ▾ Fast Slow

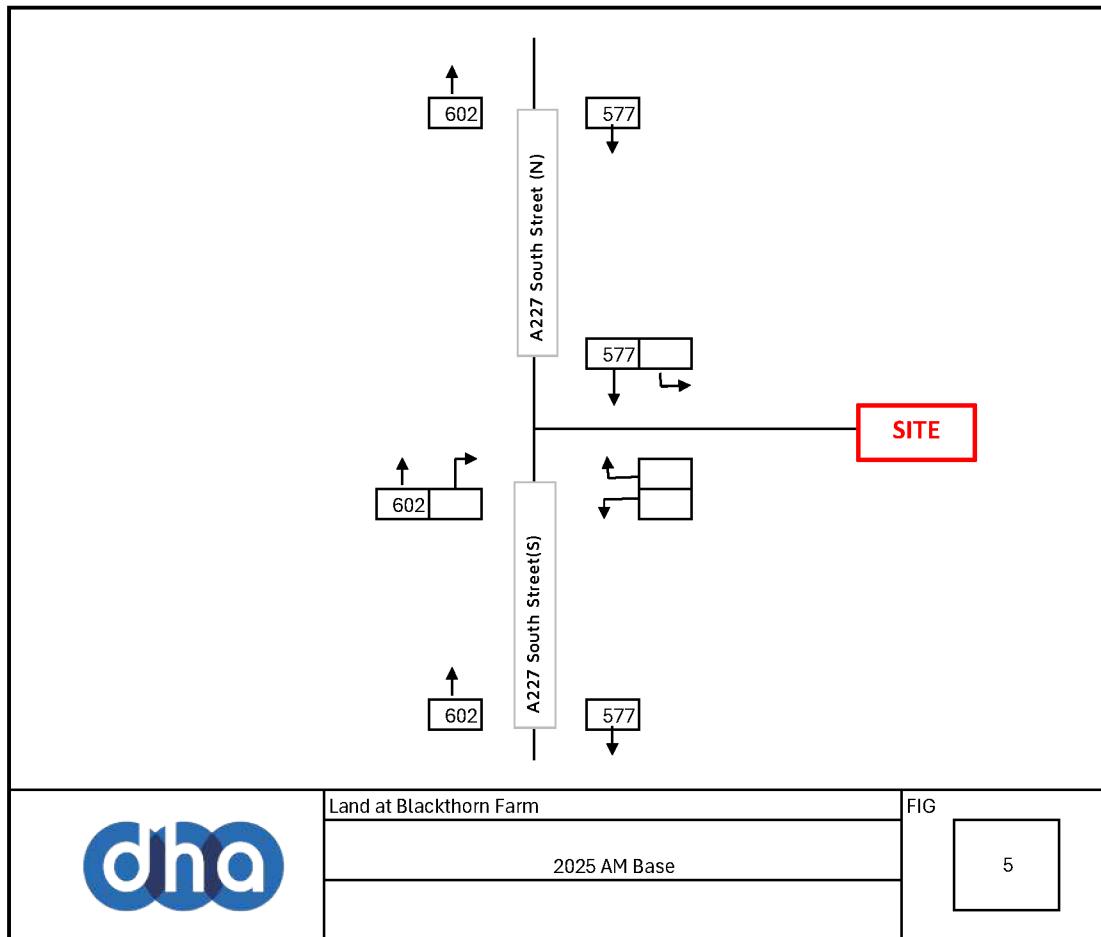
Wednesday, 09:00

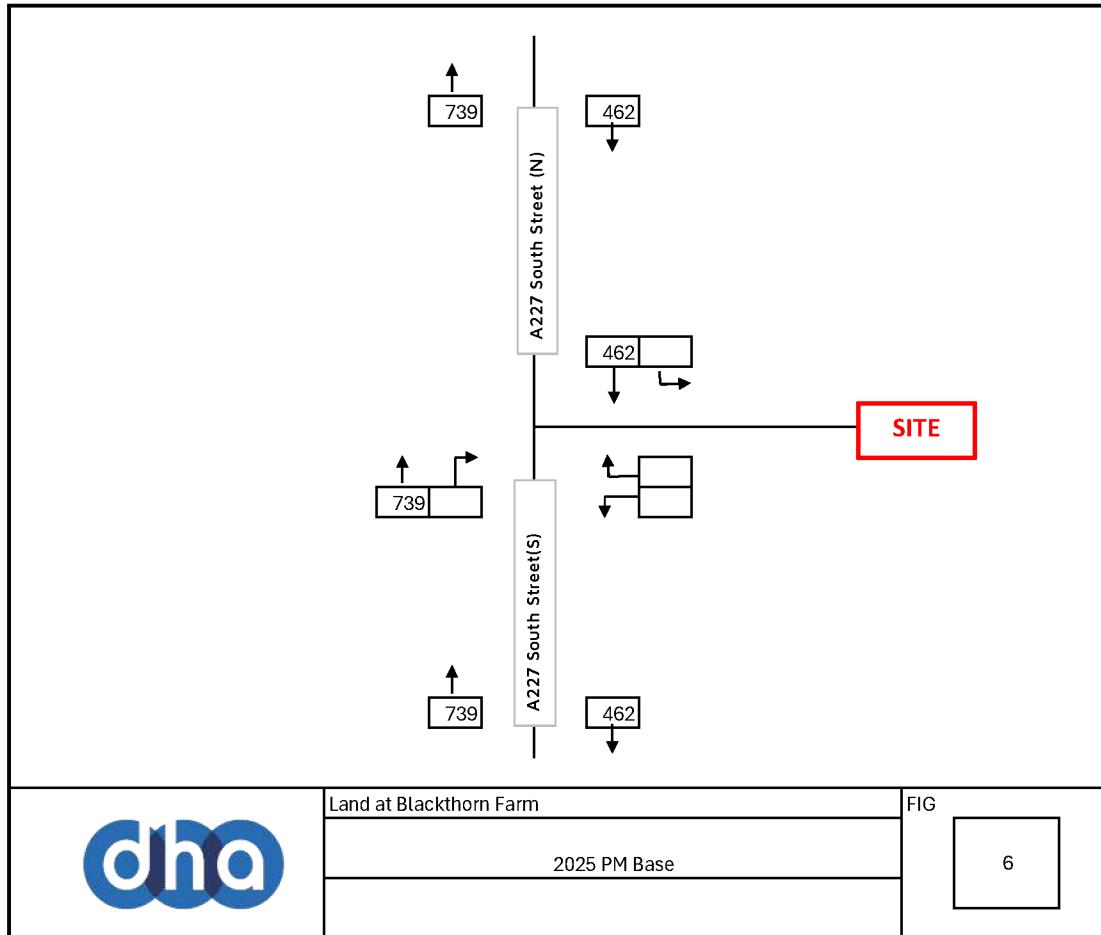
08:00 12:00 16:00 20:00

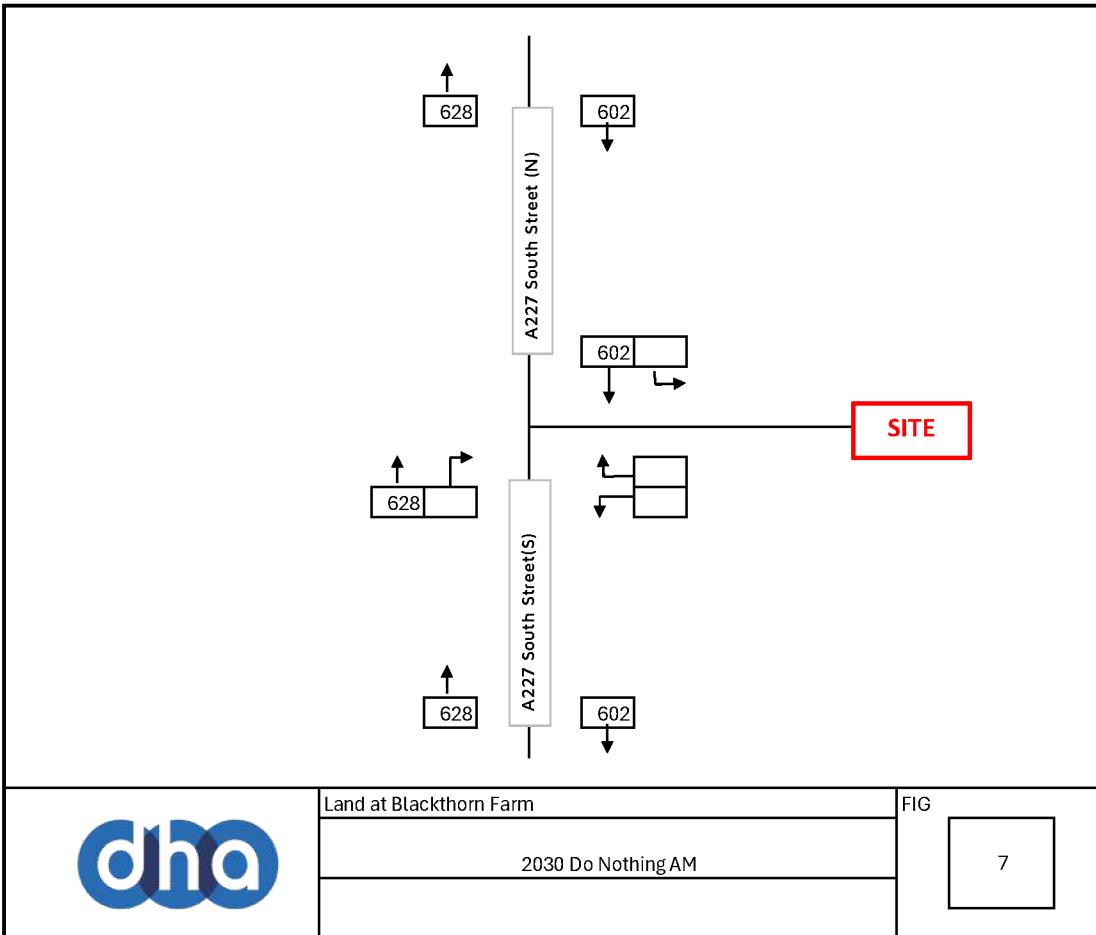
Layers

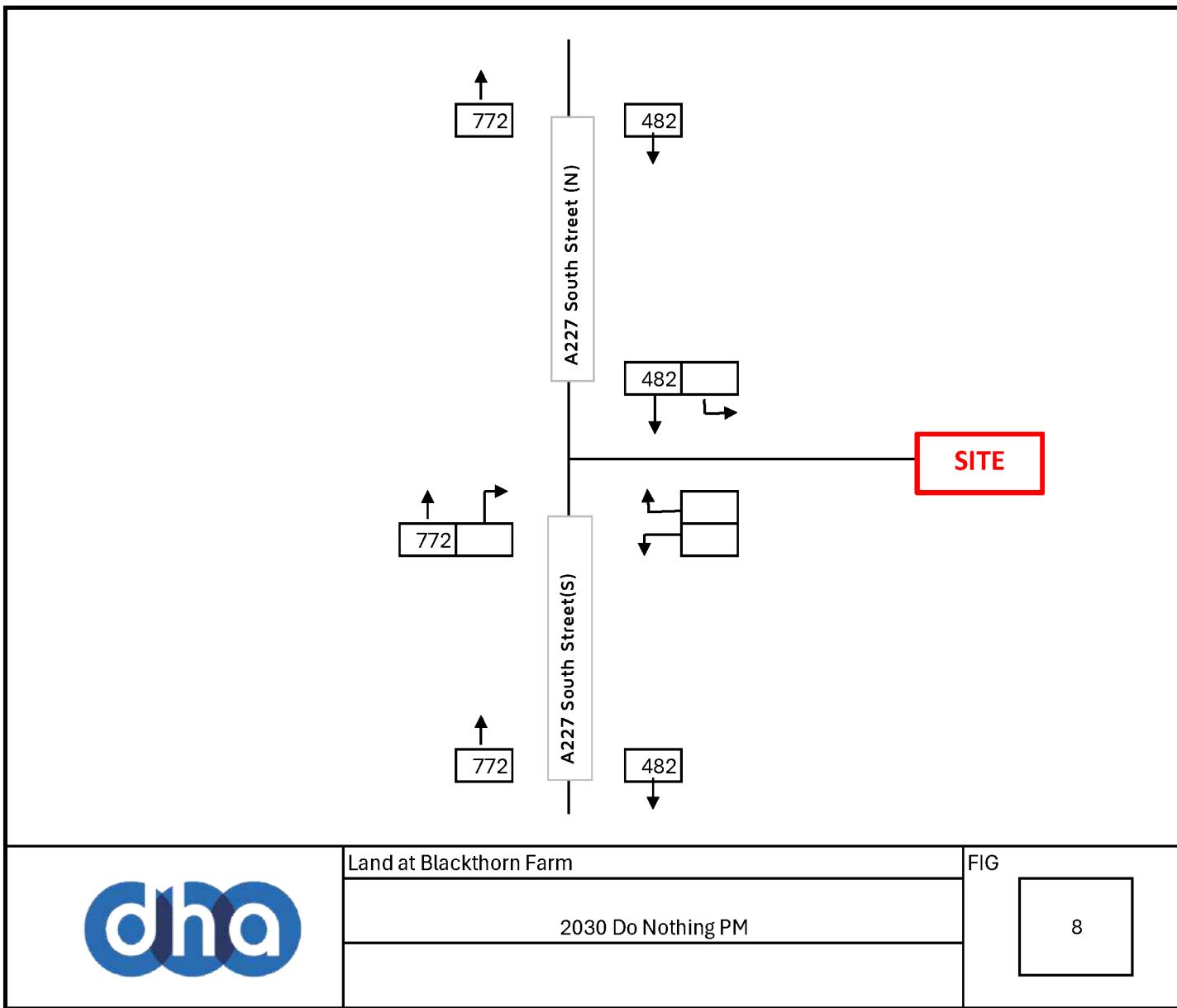
APPENDIX  
P

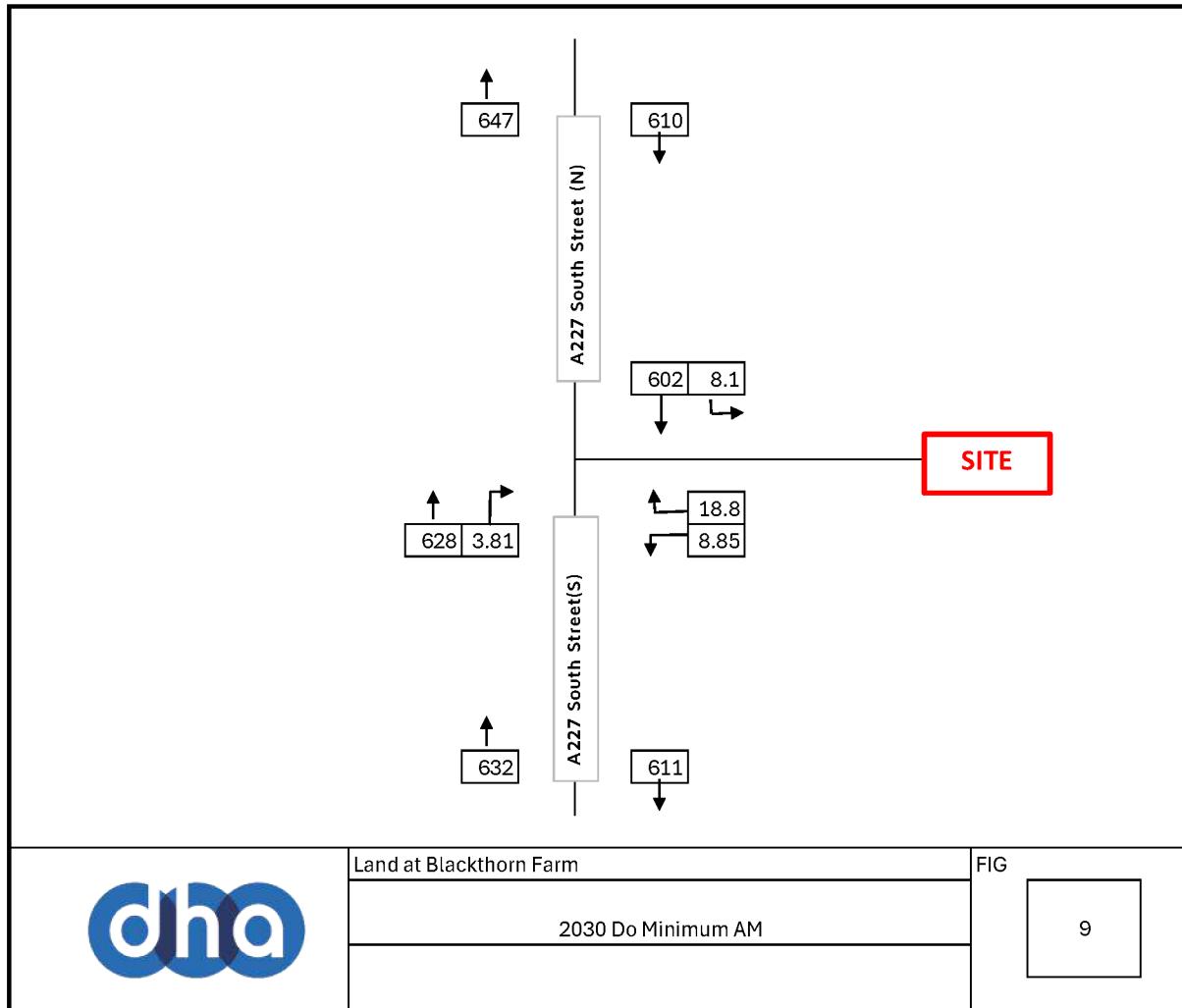


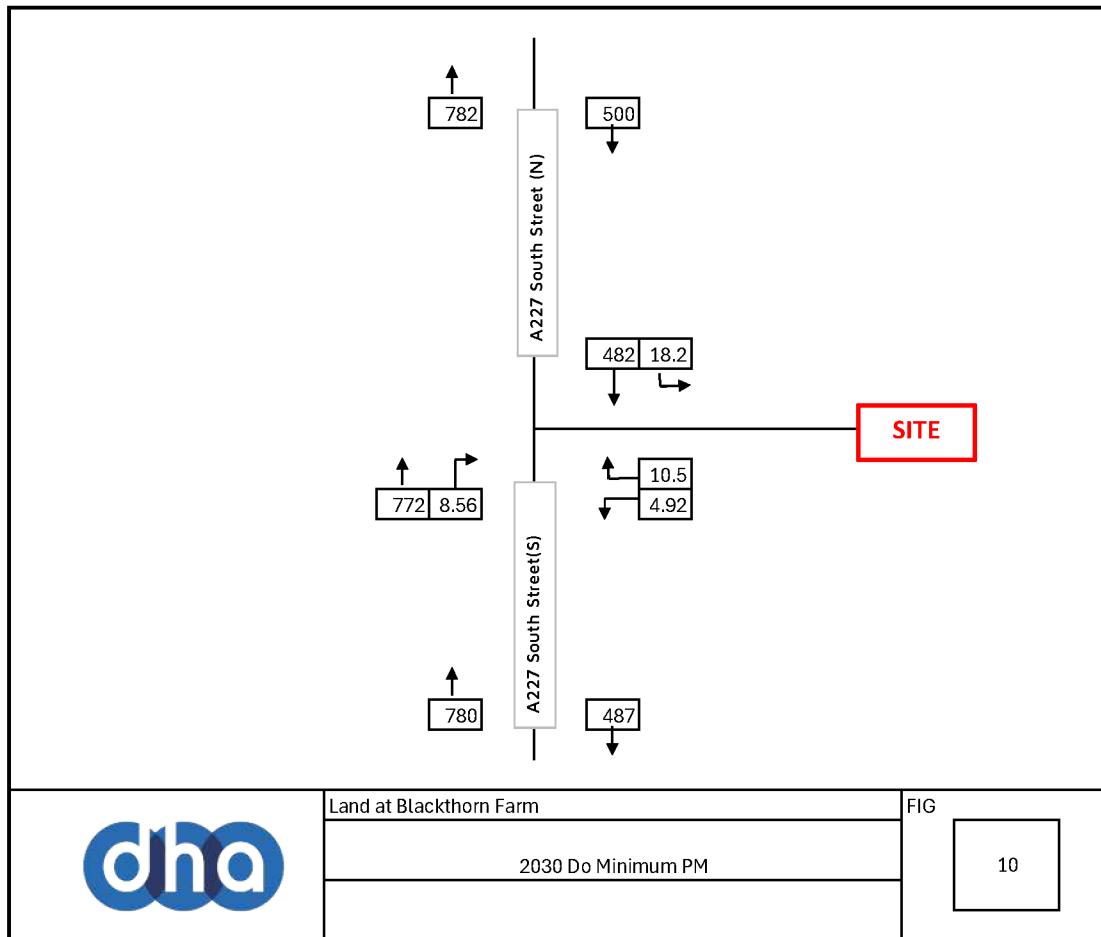












## APPENDIX

Q



Junctions 11											
PICADY 11 - Priority Intersection Module											
Version: 11.0.0.2177											
© Copyright TRL Software Limited, 2024											
For sales and distribution information, program advice and maintenance, contact TRL Software: +44 (0)1344 379777 software@trl.co.uk trlsoftware.com											
The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution											

**Filename:** Culverstone.j11

**Path:** C:\Users\Tom.Valek\OneDriveCloudTemp\LOJRV12H

**Report generation date:** 15/05/2025 11:29:43

## «2030 | Do Minimum | PM

### Summary of junction performance

	AM							PM						
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS
2025 - Base														
Stream B-AC	D1	0.0	0.00	0.00	A	0.00	A	D2	0.0	0.00	0.00	A	0.00	A
Stream C-AB		0.0	0.00	0.00	A				0.0	0.00	0.00	A		
2030 - Do Minimum														
Stream B-AC	D5	0.1	13.43	0.10	B	0.33	A	D6	0.1	12.41	0.06	B	0.24	A
Stream C-AB		0.0	4.28	0.02	A				0.1	3.91	0.04	A		
2030 - Do Nothing														
Stream B-AC	D3	0.0	0.00	0.00	A	0.00	A	D4	0.0	0.00	0.00	A	0.00	A
Stream C-AB		0.0	0.00	0.00	A				0.0	0.00	0.00	A		

*There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.*

*Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.*

### File summary

#### File Description

Title	
Location	
Site number	
Date	15/05/2025
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DHA\Tom.Valek
Description	

### Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin



#### Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

#### Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

#### Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2030	Do Minimum	PM	ONE HOUR	16:45	18:15	15

# 2030 | Do Minimum | PM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Site Access - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.