

Transport Addendum

LAND SOUTH OF COWARDS LANE, CODICOTE

Residential Development

Date: August 2025

Ref: 2025/8549/TA05

1 INTRODUCTION

- 1.1 RGP is commissioned by Hawridge Strategic Land Limited to provide transport and highways input in support of a proposed residential development at land south of Cowards Lane, Codicote ("the site").
- 1.2 The site currently comprises greenfield land accessed via a gated entrance from Cowards Lane. This gated entrance also provides access to two residential properties, located immediately east and west of the site entrance.
- 1.3 The proposals are for a new residential development comprising up to 30 dwellings, with vehicle access taken via an improved entrance from Cowards Lane. The planning application is in outline only but with access in detail.
- 1.4 This Transport Addendum has been prepared following the objection made by Hertfordshire County Council, attached, which requests further information and clarification on certain points. A summary of the information requested by HCC and addressed in this addendum are found below.
 - Junction Capacity – further information from previous planning application reference(17/01464/1) with reference to PM peak of junction modelling;
 - Distribution and Impact of the Development – Further information and consideration into predicted 50/50 split between journeys from/to the east using Cowards Lane and from/to west via St Albans road;
 - Design Considerations and Vehicle Access – Drawings were produced with unclear background mapping which appears as OS. Topographic mapping is recommended to illustrate improvements and vehicle access in a more interpretable form. This should include updated tracking and align with HCC's Place & Movement Planning and Design Guide; and

- The response highlighted a lack of context regarding multi-modal percentage calculations this is highlighted within section 5 of this Transport Addendum.

2 JUNCTION CAPACITY

- 2.1 As previously mentioned within the Transport Statement produced by RGP (ref. 2025/8549/TA01) there has previously been junction modelling that has taken place along Cowards Lane with the junction of B656 and Cowards Lane.
- 2.2 This is found within the Transport Assessment submitted in the application for a residential development of 83 dwellings (ref. 17/01464/1). Traffic modelling was completed for the junction between Cowards Lane and the B656 (300m east of the application site).
- 2.3 Within the previous Transport Statement produced by RGP the AM baseline + development scenario was shown as the peak RFC within the day. As seen in the objection attached requirements to show both the AM & PM Peak is required.
- 2.4 The table below therefore illustrates a summary of the traffic modeling within both the AM and PM that includes both previous baseline + Development provided within the Transport Assessment submitted within the nearby application (ref.17/01464/1).

Stream	AM Peak				PM Peak			
	Max RFC	Max delay (seconds)	Max Queue (PCU)	Max LOS	Max RFC	Max delay (seconds)	Max Queue (PCU)	Max LOS
B-C	0.01	6.36	0.0	A	0.05	9.36	0.1	A
B-A	0.15	12.60	0.2	B	0.07	14.87	0.1	B
C-AB	0.03	3.72	0.0	A	0.03	6.07	0.0	A

Figure 1 Results Summary extracted from TA (ref. 1 7/01464/1)

- 2.5 As illustrated above the maximum RFC (ratio of flow to capacity) within both the AM peak and PM Peak was 0.15. As discussed within the Transport Statement typically junctions are considered to be approaching their limit at an RFC of 0.85. This therefore demonstrates the junction would operate with significant space capacity even when accounting for other nearby developments.

3 DISTRIBUTION & IMPACT OF THE DEVELOPMENT TRAFFIC

- 3.1 Within the Transport Statement submitted within the application it was predicted that the development traffic would be split 50/50 of journeys routing from/to the east using Cowards Lane and from/to the west via St Albans Road.
- 3.2 As discussed within the objection received by Hertfordshire Council attached below more evidence is needed to show the prediction.

- 3.3 Therefore the table below highlights some key destinations within the surrounding area of the site and a prediction of the direction of travel from the site access.

Key Destination	Direction of Egress/Access from Site
Welwyn	East
Knebworth	West or East
Stevenage	West or East
Luton/Luton Airport	West
Wheathampstead	West
A1 (M)	East
Hatfield	East
St Albans	West
Hitchin	West

Figure 2 Key Destinations

- 3.4 As shown above, the key destinations can be routed in either direction with an approximate 50/50 split between both routes east or west. The overall traffic generated by the development is considered relatively minor in any case and (as confirmed within Section 2 of this Addendum) would not materially impact on the operation of local junctions.

4 VEHICLE ACCESS

- 4.1 The comments within the objection have been taken into account with updated drawings attached within this document, demonstrating all access points have sufficient space for the required manoeuvrability and with all topographical information shown.
- 4.2 To confirm, the drawings are all presented on a topographical survey base map, rather than OS mapping, therefore representing a high level of detail and ensuring all potential constraints are accounted for. However, the junction arrangements remain the same as previously presented.
- 4.3 Additional detail has been added to the drawings as per HCC's feedback to make clear the vehicle crossover extents. In line with HCC's Design Guide, the updated drawing includes the required 0.65m x 0.65m pedestrian visibility splays and provides tracking to demonstrate the new vehicle crossover would facilitate access to the property known as Marlin. Drawing 8549-CLC-RGP-XX-XX-DR-T-006, attached, has also now been produced to show standard details for the vehicle crossovers, in accordance with HCC standard detail HST/1100/021.
- 4.4 Tracking is now provided within drawing CLC-RGP-XX-XX-DR-T-004 for the main site entrance and the vehicle crossover serving Marlin, using an estate car as requested.
- 4.5 Access to the driveway parking for Field House (east of the access road) would continue as per the existing arrangement, with no footway crossing required.

- 4.6 HCC's Design Guide (part 3, chapter 9) recommends bell-mouth junction radii of between 4m and 6m. The proposed bell-mouth junction would comprise junction radii of 6m (western side) and 4m (eastern side) which complies with this recommendation, works within the wider highway layout and accommodates the turning movement of the required vehicle types.
- 4.7 It is anticipated the existing driveway entrance points on Cowards Lane would remain in their existing alignment to ensure access is not impeded, but with vehicle crossovers provided over the new footway. The existing roadside bollards would be removed and other associated works completed as necessary, with further detail to be provided as part of the "detailed design" stage that would form part of the s278 process.

5 TRAVEL PLAN STATEMENT

- 5.1 The below multi modal data extracted from both the Travel Plan Statement and Transport Statement.

Method of Travel	% Share
Vehicles	77%
Public Transport	3%
Walk	18%
Cyclist	2%

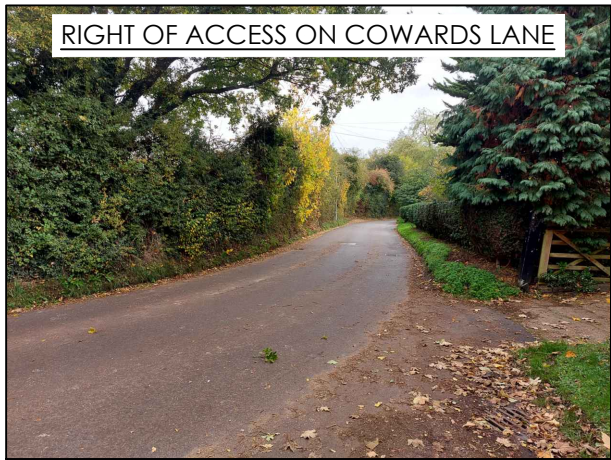
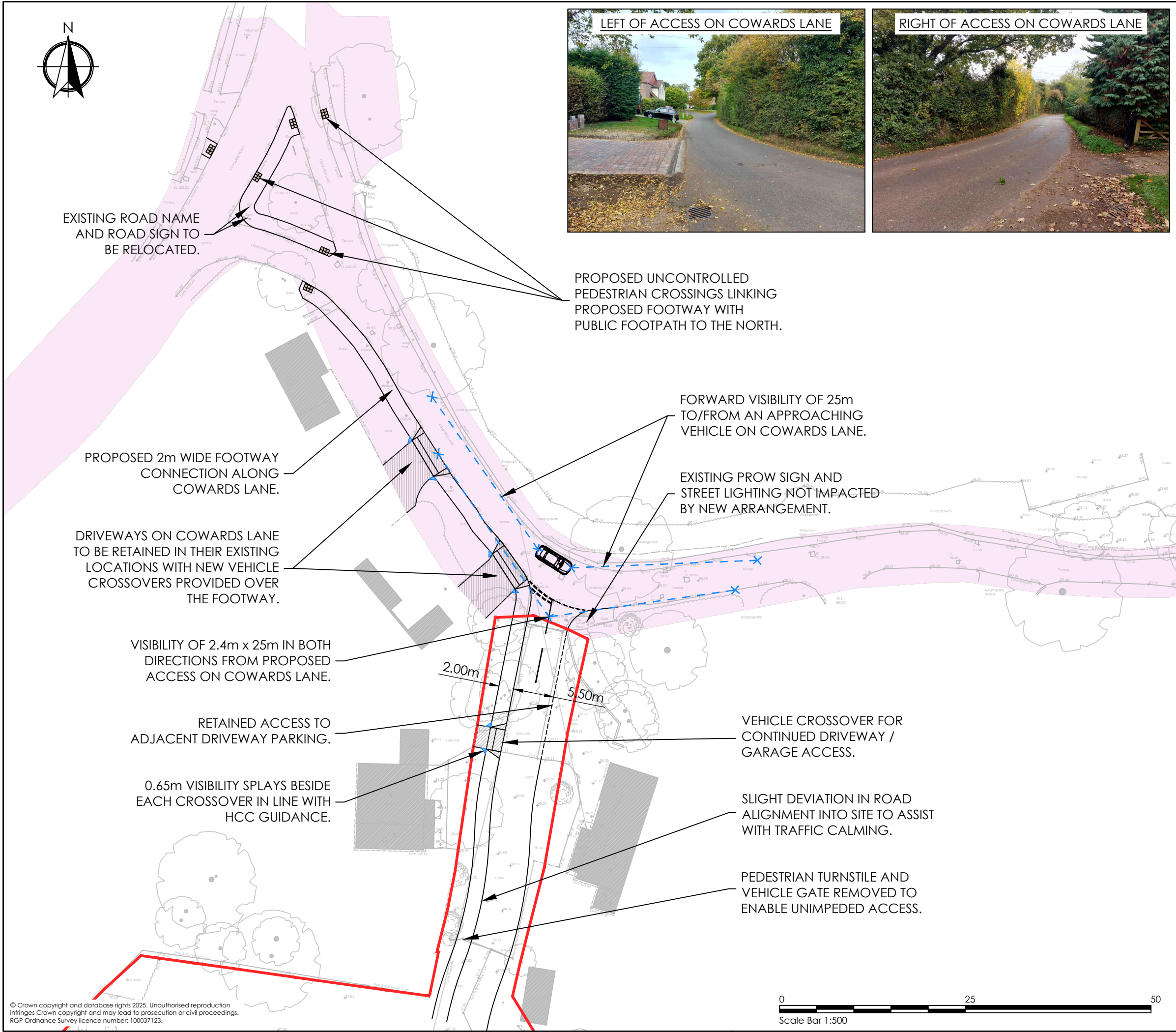
Figure 3 Proposed Travel Mode Split

- 5.2 The above modal share split was calculated utilising the industry standard Trip Rate Information Calculation System (TRICS) database utilising the following filtering:
- i) Lane Use / Category – 03 Residential / M Mixed Private/Affordable Housing
 - ii) Survey Type – Multimodal Total Vehicles
 - iii) Selected Regions – South East
 - iv) Survey days – Weekday
 - v) Location – Edge of Town and Neighbourhood Centre
 - vi) Selected Location Sub Categories – Industrial Zone, Residential Zone and Village
- 5.3 These trip rates are appended below for more context.
- 5.4 The Travel Plan Statement would be promoted as necessary to residents to make them aware of the travel opportunities in place.

6 SUMMARY AND CONCLUSIONS

- 6.1 In summary, the additional information requested in Hertfordshire County Council's highway consultation response is detailed in full within this Addendum. As a result, it is considered the proposals are acceptable from a transport and highway perspective.

DRAWINGS



- Notes:
1. Do not scale from this drawing.
 2. All dimensions are in metres unless noted otherwise.
 3. All levels are in metres above ordnance datum (AOD).
 4. This drawing should be printed in colour.
 5. This drawing is to be read in conjunction with all other engineer's drawings.

— SITE BOUNDARY

EXTENT OF PUBLIC HIGHWAY

P08	UPDATED VEHICLE CROSSOVER DETAILS	28/08/25	GE	JCS	PB
P07	UPDATED DRAWING DETAILS	20/08/25	GE	JCS	PB
P06	UPDATED SITE BOUNDARY	10/07/25	GE	JCS	PB
P05	UPDATED PEDESTRIAN CROSSING	26/06/25	GE	JCS	PB
P04	UPDATED VISIBILITY SPLAYS	12/06/25	GE	JCS	PB
P03	UPDATED ACCESS DESIGN	22/05/25	GE	JCS	PB
P02	UPDATED ACCESS DESIGN	14/05/25	GE	JCS	PB
P01	FIRST ISSUE	02/04/25	GE	PB	PB
Rev	Details	Date	By	Chkd	Appd

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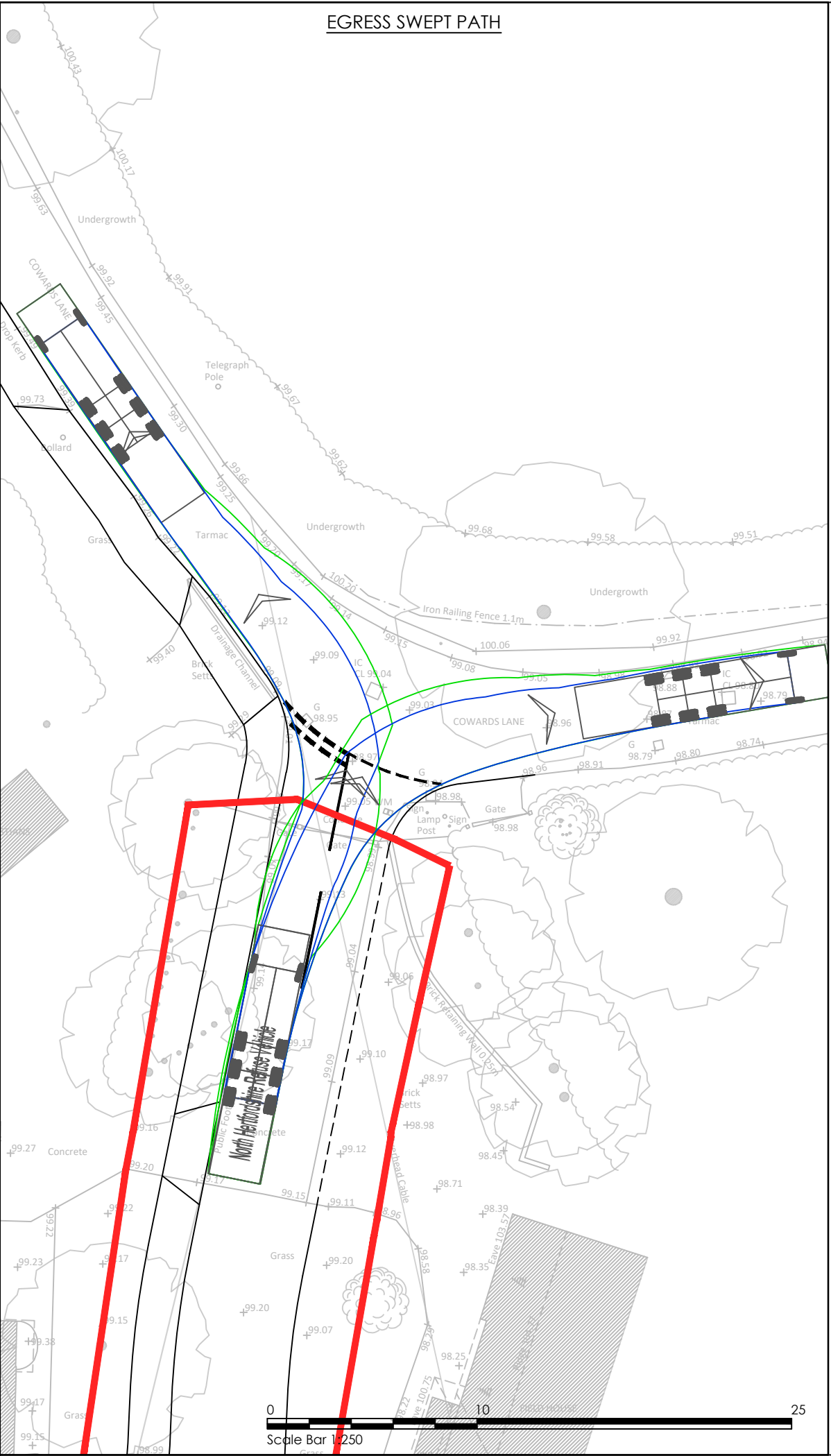
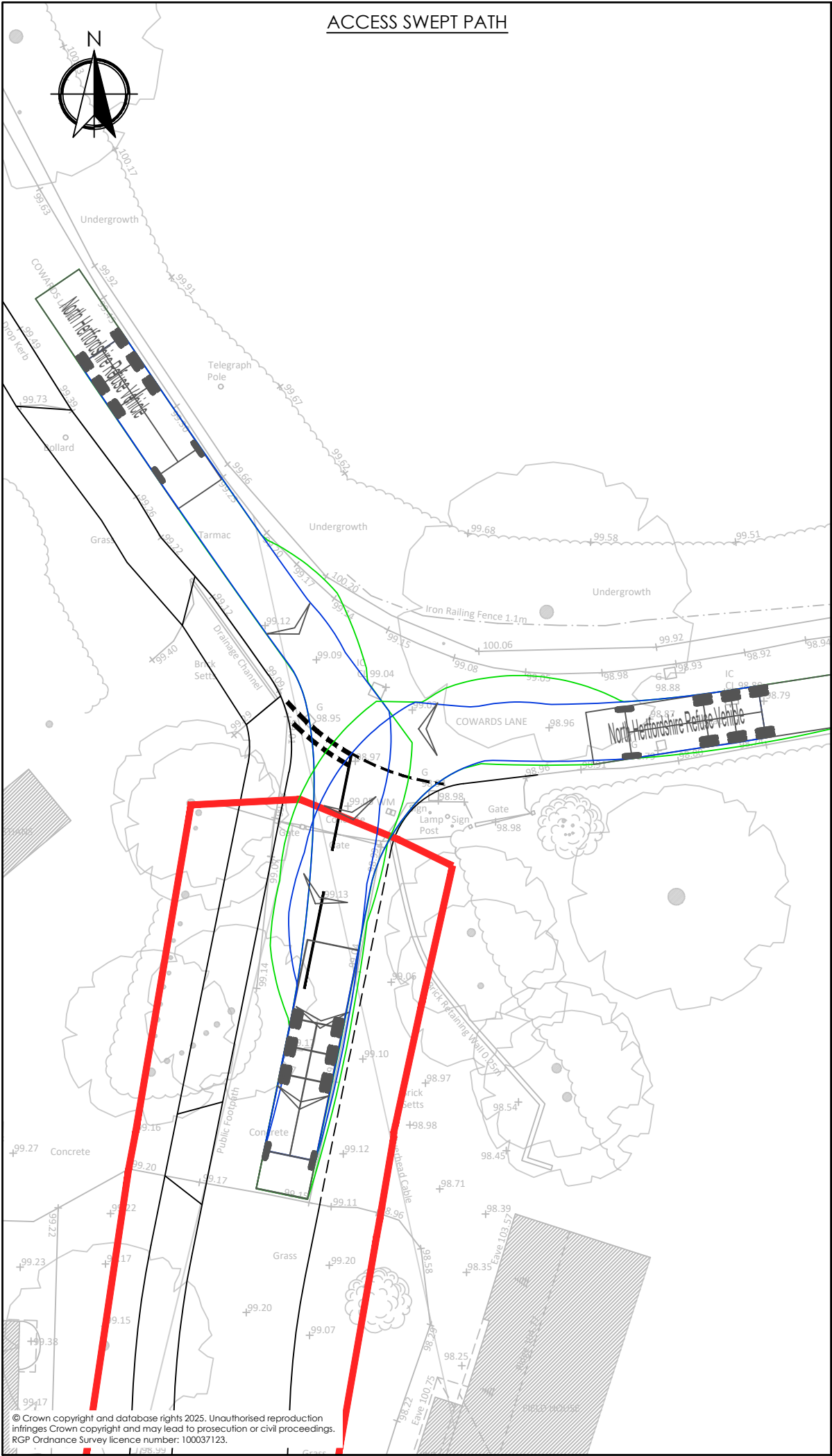
Status: PRELIMINARY

Client:
Hawridge Strategic Land Limited

Project:
Cowards Lane, Codicote

Drawing Title:
Proposed Access Arrangement

Scale @ A3: AS SHOWN	Date: 28/08/25	Drawn: GE	Designed: GE	Checked: JCS	Approved: PB
Project No: 8549	Drawing No: CLC-RGP-XX-XX-DR-T-001	Revision: P08			



Notes:

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— SITE BOUNDARY

North Hertfordshire Refuse Vehicle
Overall Length 12.100m
Overall Width 2.500m
Overall Body Height 3.400m
Min Body Ground Clearance 0.304m
Track Width 2.500m
Lock to lock time 4.00s
Wall to Wall Turning Radius 11.400m

Rev	Details	Date	By	Chkd	Appd
P04	UPDATED DRAWING DETAILS	19/08/25	GE	JCS	PB
P03	UPDATED SITE BOUNDARY	10/07/25	GE	JCS	PB
P02	UPDATED SITE BOUNDARY	01/07/25	GE	JCS	PB
P01	FIRST ISSUE	14/05/25	GE	JCS	PB

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Status: **PRELIMINARY**

Client:
Hawridge Strategic Land Limited

Project:
Cowards Lane, Codicote

Drawing Title:
**Swept Path Analysis
Refuse Vehicle**

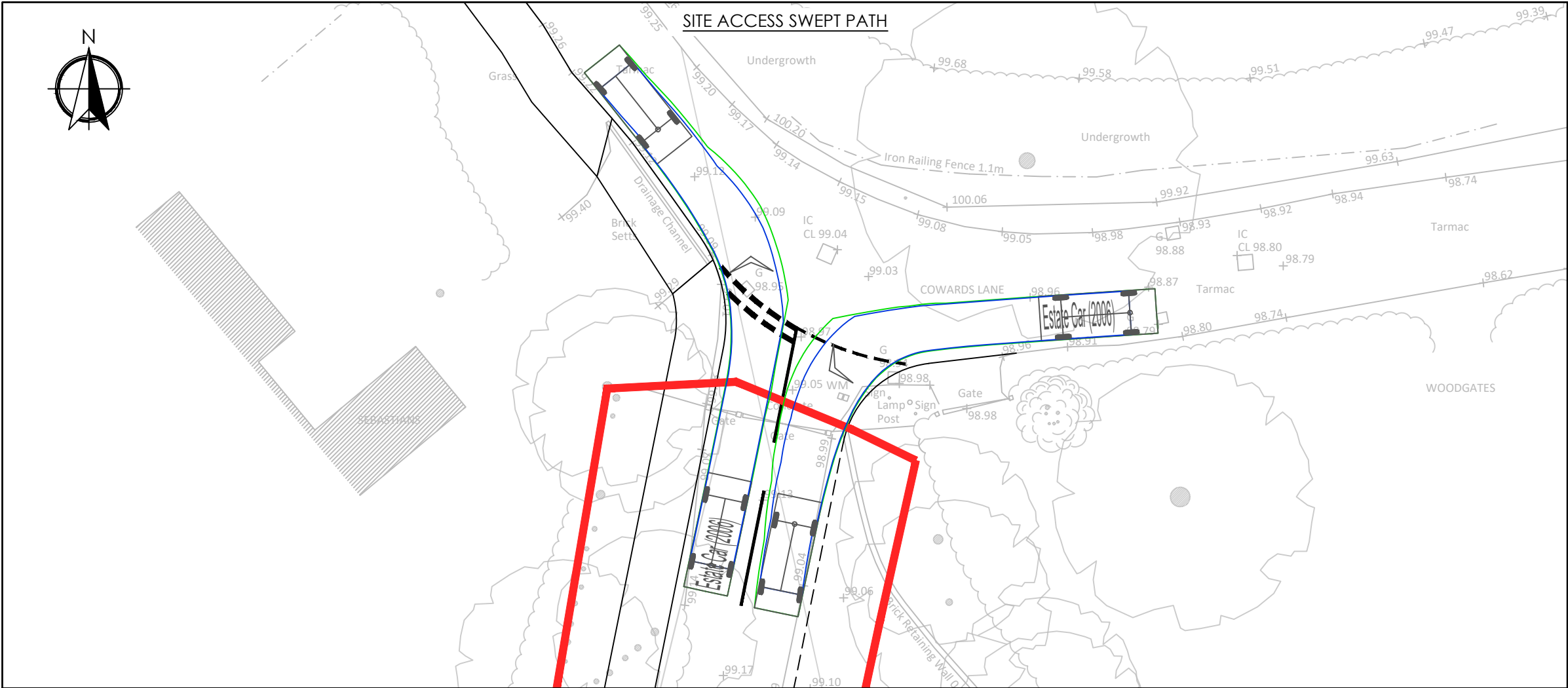
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1:250	19/08/25	GE	GE	JCS	PB

Project No:	Drawing No:	Revision:
8549	CLC-RGP-XX-XX-DR-T-003	P04

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Notes:

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- All dimensions are in metres unless noted otherwise.
- All levels are in metres above ordnance datum (AOD).
- This drawing should be printed in colour.
- This drawing is to be read in conjunction with all other engineer's drawings.

SITE BOUNDARY

Estate Car (2006)

Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Max Track Width

Lock to lock time

Kerb to Kerb Turning Radius

4.710m

1.804m

1.442m

0.207m

1.756m

4.00s

5.950m

P01	FIRST ISSUE	19/08/25	GE	PB	PB
Rev	Details	Date	By	Chkd	Appd

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Status:

PRELIMINARY

Client:

Hawridge Strategic Land Limited

Project:

Cowards Lane, Codicote

Drawing Title:

Swept Path Analysis
Estate Car

Scale @ A3:	Date:	Drawn:	Designed:	Checked:	Approved:
1:200	19/08/25	GE	GE	PB	PB

Project No:	Drawing No:	Revision:
8549	CLC-RGP-XX-XX-DR-T-004	P01

User Name: george ellenger

File Location: c:\users\georgeellenger\rgp\projects - documents\2025 projects (8501-8600)\8549 cowards lane, codicote\03 cad\drawings\8549-clc-rgp-xx-xx-dr-t-004 (p01) swept path analysis - estate car.dwg

APPENDIX A

Calculation Reference: AUDIT-728001-250611-0617

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : M - MIXED PRIVATE/AFFORDABLE HOUSING
MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BU	BUCKINGHAMSHIRE 1 days
	CT	CENTRAL BEDFORDSHIRE 1 days
	ES	EAST SUSSEX 6 days
	HC	HAMPSHIRE 1 days
	HF	HERTFORDSHIRE 1 days
	OX	OXFORDSHIRE 1 days
	WS	WEST SUSSEX 5 days

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

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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: 16 to 100 (units:)
Range Selected by User: 16 to 100 (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 07/10/24

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	2 days
Wednesday	7 days
Thursday	4 days
Friday	1 days

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

Selected survey types:

Manual count	16 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 undertaken using machines.

Selected Locations:

Edge of Town	9
Neighbourhood Centre (PPS6 Local Centre)	7

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:

Industrial Zone	1
Residential Zone	8
Village	7

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	5 days - Selected
Servicing vehicles Excluded	14 days - Selected

Secondary Filtering selection:**Use Class:**

C3	16 days
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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

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Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	6 days
5,001 to 10,000	5 days
10,001 to 15,000	3 days
20,001 to 25,000	1 days
25,001 to 50,000	1 days

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

Population within 5 miles:

25,001 to 50,000	6 days
50,001 to 75,000	1 days
75,001 to 100,000	4 days
125,001 to 250,000	3 days
250,001 to 500,000	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	3 days
1.1 to 1.5	11 days
1.6 to 2.0	2 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	15 days
No	1 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	16 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	BU-03-M-01 WYETH CLOSE TAPLOW	BLOCK OF FLATS	BUCKINGHAMSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 60 Survey date: WEDNESDAY 06/09/23		Survey Type: MANUAL
2	CT-03-M-01 HITCHIN ROAD SHEFFORD	MIXED HOUSES & FLATS	CENTRAL BEDFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 75 Survey date: WEDNESDAY 28/06/23		Survey Type: MANUAL
3	ES-03-M-09 STATION ROAD NORTHAM	DETACHED / SEMI-DETACHED	EAST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 16 Survey date: WEDNESDAY 17/05/17		Survey Type: MANUAL
4	ES-03-M-12 PARK ROAD HAILSHAM	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 93 Survey date: THURSDAY 21/06/18		Survey Type: MANUAL
5	ES-03-M-15 FIELD END MARESFIELD	MIXED HOUSES	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 80 Survey date: WEDNESDAY 13/03/19		Survey Type: MANUAL
6	ES-03-M-18 NORTH COMMON ROAD WIVELSFIELD GREEN	MIXED HOUSES	EAST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 75 Survey date: TUESDAY 15/06/21		Survey Type: MANUAL
7	ES-03-M-20 HOREBEECH LANE HORAM	MIXED HOUSES & FLATS	EAST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 47 Survey date: TUESDAY 05/10/21		Survey Type: MANUAL
8	ES-03-M-22 GOLDBRIDGE ROAD NEWICK	MIXED HOUSES & FLATS	EAST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 23 Survey date: MONDAY 07/10/24		Survey Type: MANUAL

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LIST OF SITES relevant to selection parameters (Cont.)

9	HC-03-M-23 HEATH HOUSE LANE HEDGE END	MIXED HOUSES & FLATS	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 43 Survey date: WEDNESDAY 20/09/23		Survey Type: MANUAL
10	HF-03-M-03 WEST ROAD SAWBRIDGEWORTH	TERRACED & DETACHED	HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 80 Survey date: THURSDAY 03/11/22		Survey Type: MANUAL
11	OX-03-M-01 WENMAN ROAD THAME	MIXED HOUSES	OXFORDSHIRE
	Edge of Town Industrial Zone Total No of Dwellings: 100 Survey date: THURSDAY 28/06/18		Survey Type: MANUAL
12	WS-03-M-21 CLAPPERS LANE BRACKLESHAM BAY	MIXED HOUSES	WEST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 57 Survey date: THURSDAY 14/11/19		Survey Type: MANUAL
13	WS-03-M-22 RUSPER ROAD CRAWLEY IFIELD	MIXED HOUSES & FLATS	WEST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 91 Survey date: MONDAY 19/10/20		Survey Type: MANUAL
14	WS-03-M-23 STANE STREET CHICHESTER WESTHAMPNETT Neighbourhood Centre (PPS6 Local Centre) Village	MIXED HOUSES & FLATS	WEST SUSSEX
	Total No of Dwellings: 99 Survey date: WEDNESDAY 13/10/21		Survey Type: MANUAL
15	WS-03-M-24 COPTHORNE WAY NEAR CRAWLEY COPTHORNE Neighbourhood Centre (PPS6 Local Centre) Village	MIXED HOUSES	WEST SUSSEX
	Total No of Dwellings: 80 Survey date: FRIDAY 08/10/21		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

16

WS-03-M-28

MIXED HOUSES & FLATS

WEST SUSSEX

STANE STREET

CHICHESTER

WESTHAMPNETT

Neighbourhood Centre (PPS6 Local Centre)

Village

Total No of Dwellings: 99

Survey date: WEDNESDAY 11/10/23

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.

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TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.62

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	16	70	0.077	16	70	0.253	16	70	0.330
08:00 - 09:00	16	70	0.129	16	70	0.329	16	70	0.458
09:00 - 10:00	16	70	0.168	16	70	0.153	16	70	0.321
10:00 - 11:00	16	70	0.133	16	70	0.148	16	70	0.281
11:00 - 12:00	16	70	0.131	16	70	0.159	16	70	0.290
12:00 - 13:00	16	70	0.157	16	70	0.146	16	70	0.303
13:00 - 14:00	16	70	0.149	16	70	0.148	16	70	0.297
14:00 - 15:00	16	70	0.151	16	70	0.177	16	70	0.328
15:00 - 16:00	16	70	0.255	16	70	0.191	16	70	0.446
16:00 - 17:00	16	70	0.270	16	70	0.153	16	70	0.423
17:00 - 18:00	16	70	0.296	16	70	0.182	16	70	0.478
18:00 - 19:00	16	70	0.229	16	70	0.149	16	70	0.378
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.145			2.188			4.333

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: 16 - 100 (units:)
Survey date range: 01/01/16 - 07/10/24
Number of weekdays (Monday-Friday): 16
Number of Saturdays: 0
Number of Sundays: 0
Surveys automatically removed from selection: 3
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.

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TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
MULTI-MODAL OGVS
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	16	70	0.002	16	70	0.002	16	70	0.004
08:00 - 09:00	16	70	0.001	16	70	0.001	16	70	0.002
09:00 - 10:00	16	70	0.001	16	70	0.001	16	70	0.002
10:00 - 11:00	16	70	0.001	16	70	0.001	16	70	0.002
11:00 - 12:00	16	70	0.001	16	70	0.000	16	70	0.001
12:00 - 13:00	16	70	0.001	16	70	0.001	16	70	0.002
13:00 - 14:00	16	70	0.002	16	70	0.002	16	70	0.004
14:00 - 15:00	16	70	0.003	16	70	0.002	16	70	0.005
15:00 - 16:00	16	70	0.000	16	70	0.001	16	70	0.001
16:00 - 17:00	16	70	0.003	16	70	0.003	16	70	0.006
17:00 - 18:00	16	70	0.000	16	70	0.001	16	70	0.001
18:00 - 19:00	16	70	0.000	16	70	0.000	16	70	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.015			0.015			0.030

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL CYCLISTS

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	16	70	0.001	16	70	0.013	16	70	0.014
08:00 - 09:00	16	70	0.003	16	70	0.008	16	70	0.011
09:00 - 10:00	16	70	0.000	16	70	0.004	16	70	0.004
10:00 - 11:00	16	70	0.002	16	70	0.002	16	70	0.004
11:00 - 12:00	16	70	0.002	16	70	0.002	16	70	0.004
12:00 - 13:00	16	70	0.003	16	70	0.002	16	70	0.005
13:00 - 14:00	16	70	0.002	16	70	0.003	16	70	0.005
14:00 - 15:00	16	70	0.002	16	70	0.003	16	70	0.005
15:00 - 16:00	16	70	0.007	16	70	0.001	16	70	0.008
16:00 - 17:00	16	70	0.004	16	70	0.001	16	70	0.005
17:00 - 18:00	16	70	0.007	16	70	0.004	16	70	0.011
18:00 - 19:00	16	70	0.013	16	70	0.006	16	70	0.019
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.046			0.049			0.095

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL PEDESTRIANS

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	16	70	0.020	16	70	0.046	16	70	0.066
08:00 - 09:00	16	70	0.054	16	70	0.138	16	70	0.192
09:00 - 10:00	16	70	0.027	16	70	0.024	16	70	0.051
10:00 - 11:00	16	70	0.026	16	70	0.030	16	70	0.056
11:00 - 12:00	16	70	0.030	16	70	0.041	16	70	0.071
12:00 - 13:00	16	70	0.029	16	70	0.022	16	70	0.051
13:00 - 14:00	16	70	0.030	16	70	0.028	16	70	0.058
14:00 - 15:00	16	70	0.030	16	70	0.065	16	70	0.095
15:00 - 16:00	16	70	0.125	16	70	0.045	16	70	0.170
16:00 - 17:00	16	70	0.046	16	70	0.030	16	70	0.076
17:00 - 18:00	16	70	0.035	16	70	0.040	16	70	0.075
18:00 - 19:00	16	70	0.041	16	70	0.034	16	70	0.075
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.493			0.543			1.036

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL PUBLIC TRANSPORT USERS

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	16	70	0.000	16	70	0.024	16	70	0.024
08:00 - 09:00	16	70	0.000	16	70	0.026	16	70	0.026
09:00 - 10:00	16	70	0.001	16	70	0.006	16	70	0.007
10:00 - 11:00	16	70	0.001	16	70	0.005	16	70	0.006
11:00 - 12:00	16	70	0.006	16	70	0.004	16	70	0.010
12:00 - 13:00	16	70	0.005	16	70	0.010	16	70	0.015
13:00 - 14:00	16	70	0.006	16	70	0.004	16	70	0.010
14:00 - 15:00	16	70	0.002	16	70	0.004	16	70	0.006
15:00 - 16:00	16	70	0.017	16	70	0.004	16	70	0.021
16:00 - 17:00	16	70	0.018	16	70	0.006	16	70	0.024
17:00 - 18:00	16	70	0.021	16	70	0.003	16	70	0.024
18:00 - 19:00	16	70	0.005	16	70	0.006	16	70	0.011
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.082			0.102			0.184

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.62

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	16	70	0.106	16	70	0.403	16	70	0.509
08:00 - 09:00	16	70	0.197	16	70	0.657	16	70	0.854
09:00 - 10:00	16	70	0.220	16	70	0.228	16	70	0.448
10:00 - 11:00	16	70	0.193	16	70	0.229	16	70	0.422
11:00 - 12:00	16	70	0.206	16	70	0.249	16	70	0.455
12:00 - 13:00	16	70	0.228	16	70	0.219	16	70	0.447
13:00 - 14:00	16	70	0.229	16	70	0.225	16	70	0.454
14:00 - 15:00	16	70	0.237	16	70	0.287	16	70	0.524
15:00 - 16:00	16	70	0.549	16	70	0.283	16	70	0.832
16:00 - 17:00	16	70	0.456	16	70	0.252	16	70	0.708
17:00 - 18:00	16	70	0.448	16	70	0.305	16	70	0.753
18:00 - 19:00	16	70	0.359	16	70	0.250	16	70	0.609
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.428			3.587			7.015

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
MULTI-MODAL CARS
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	16	70	0.064	16	70	0.220	16	70	0.284
08:00 - 09:00	16	70	0.099	16	70	0.294	16	70	0.393
09:00 - 10:00	16	70	0.138	16	70	0.128	16	70	0.266
10:00 - 11:00	16	70	0.109	16	70	0.124	16	70	0.233
11:00 - 12:00	16	70	0.101	16	70	0.123	16	70	0.224
12:00 - 13:00	16	70	0.128	16	70	0.122	16	70	0.250
13:00 - 14:00	16	70	0.125	16	70	0.117	16	70	0.242
14:00 - 15:00	16	70	0.123	16	70	0.154	16	70	0.277
15:00 - 16:00	16	70	0.206	16	70	0.152	16	70	0.358
16:00 - 17:00	16	70	0.225	16	70	0.124	16	70	0.349
17:00 - 18:00	16	70	0.265	16	70	0.155	16	70	0.420
18:00 - 19:00	16	70	0.207	16	70	0.133	16	70	0.340
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.790			1.846			3.636

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.

RGP Mill Pool House Godalming

Licence No: 728001

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
MULTI-MODAL LGVS
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	16	70	0.005	16	70	0.022	16	70	0.027
08:00 - 09:00	16	70	0.022	16	70	0.025	16	70	0.047
09:00 - 10:00	16	70	0.025	16	70	0.021	16	70	0.046
10:00 - 11:00	16	70	0.021	16	70	0.020	16	70	0.041
11:00 - 12:00	16	70	0.027	16	70	0.033	16	70	0.060
12:00 - 13:00	16	70	0.024	16	70	0.021	16	70	0.045
13:00 - 14:00	16	70	0.017	16	70	0.021	16	70	0.038
14:00 - 15:00	16	70	0.021	16	70	0.020	16	70	0.041
15:00 - 16:00	16	70	0.038	16	70	0.028	16	70	0.066
16:00 - 17:00	16	70	0.036	16	70	0.022	16	70	0.058
17:00 - 18:00	16	70	0.026	16	70	0.022	16	70	0.048
18:00 - 19:00	16	70	0.018	16	70	0.015	16	70	0.033
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.280			0.270			0.550

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.