

### **TRANSPORT STATEMENT**

## PROPOSED RESIDENTIAL DEVELOPMENT 145 GOLDERS GREEN ROAD, LONDON, NW11 9BN

Client: Mr Kohali Reference: ADL/AM/5590/08A Date: December 2023

www.adltraffic.co.uk



#### **REPORT CONTROL**

Document:	Transport Statement	Clien	t:	
		Mr Ko	ohali	
Project:	145 Golders Green Road			
ADL Reference:	5590			
Primary Author	Ben Harnett	Initia	alled:	ВН
Contributor	Tom Ponting	Initia	alled:	TP
Review by	Andy Miles	Initia	alled:	AM
Issue	Date	Status		Checked for Issue
1 2	07.12.2023 08.12.2023	Draft Final		AM AM

This report and its contents are copyright ADL Traffic & Highways Engineering Ltd and their clients. This report shall not be reproduced without written permission.



#### **CONTENTS**

1.0 INTRODUCTION

Page №

	1.1	Background	1
	1.2	Planning Context	1
	1.3	Scope of Study	2
2.0	SITE	E AND SURROUNDING AREA	
	2.1	Site Location	3
	2.2	Local Highway Network	3
	2.3	Accident Data	5
	2.4	Permitted Trip Generation	6
3.0	ACC	CESSIBILITY	
	3.1	Walking	8
	3.2	Cycling	9
	3.3	Public Transport	9
4.0	PRO	POSED DEVELOPMENT	
	4.1	Proposal	12
	4.2	Access Arrangements	12
	4.3	Parking	13
	4.4	Servicing and Deliveries	14
5.0	PAR	KING STRESS SURVEY	
	5.1	Parking Standards and Guidance	15
	5.2	Residential Parking Demand	16
	5.3	Parking Survey	17
	5.4	Parking Impact	18
6.0	TRA	FFIC IMPACT ASSESSMENT	
	6.1	Proposed Trip Generation	20
	6.2	Traffic Impact Assessment	21
7.0	SUN	IMARY AND CONCLUSIONS	22



#### **APPENDICES**

#### 1.0 SITE LOCATION

#### 2.0 ACCIDENT ANALYSIS (CRASHMAP)

- 2.1 Search Extent
- 2.2 Collision Reports

#### 3.0 PERMITTED TRICS: HOUSES (PRIVATELY OWNED)

#### 4.0 ACCESSIBILITY

- 4.1 Walking Isochrone Map
- 4.2 Cycling Isochrone Map
- 4.3 PTAL Map
- 4.4 Public Transport Map

#### 5.0 PROPOSED FLOOR PLANS

#### 6.0 PARKING SURVEY

#### 7.0 PROPOSED TRICS: FLATS (PRIVATELY OWNED)



#### 1.0 INTRODUCTION

#### 1.1 Background

- 1.1.1 ADL Traffic and Highways Engineering Ltd (ADL) have prepared this Transport Statement (TS) to support a planning application for a proposed residential development comprising a 4-storey building with 8 flats at 145 Golders Green Road, London, NW11 9BN.
- 1.1.2 This TS provides an assessment of the transport implications of the proposed development. The report also provides details of the proposed site access arrangements, parking provision, servicing and delivery arrangements, and accessibility to non-car users.
- 1.1.3 This report has been prepared with a supporting parking survey to demonstrate that there is sufficient availability of unrestricted and/or resident permit holder (RPH) car parking spaces within suitable walking distance of the site to accommodate the demand associated with the proposed development.
- 1.1.4 This Transport Statement has been prepared in accordance with Planning Practice Guidance, the Barnet Local Plan (2012), The London Plan (2021), and National Planning Policy Framework (NPPF, 2023).

#### 1.2 Planning Context

- 1.2.1 A planning application (ref. 23/0889/FUL) for the demolition of existing buildings and construction of a four-storey plus basement mixed use building, comprising 12 self-contained flats, 14 self-contained HMO units, office use, and associated parking at basement level was withdrawn on 16<sup>th</sup> May 2023.
- 1.2.2 The revised proposals comprise a 4-storey building with 8 flats in a new planning application, supported by a parking stress survey on surrounding streets.



#### 1.3 Scope of Study

- 1.3.1 Chapter 2.0 describes the site location, local highway network, accident data, and permitted trip generation.
- 1.3.2 Chapter 3.0 outlines the accessibility of the site by walking, cycling, and public transport.
- 1.3.3 Chapter 4.0 summarises the proposals including access, parking, and delivery / servicing arrangements.
- 1.3.4 Chapter 5.0 provides a parking assessment on streets within a comfortable walking distance of the site to determine on-street parking stress in unrestricted and/or RPH spaces as per Lambeth Methodology guidance.
- 1.3.5 Chapter 6.0 assesses the proposed trip generation and net traffic impact of the proposals.
- 1.3.6 Chapter 7.0 summarises and concludes this TS.



#### 2.0 SITE AND SURROUNDING AREA

#### 2.1 Site Location

- 2.1.1 The site is situated at 145 Golders Green Road at the junction with Gainsborough Gardens. The site location plan is provided as Appendix 1.0.
- 2.1.2 The site comprises an existing residential dwelling at 145 Golders Green Road which would be demolished and replaced with a four-storey building comprising 8 flats.
- 2.1.3 The site is bounded by Golders Green Road to the northeast, Gainsborough Gardens to the southeast, residential properties fronting Gainsborough Gardens to the southwest, and the Golders Green Hotel to the northwest.
- 2.1.4 The site is located in a suburban/edge of town centre environment, predominately residential in nature, with a mixture of nearby commercial and community uses on Golders Green Road.

#### 2.2 Local Road Network

#### Golders Green Road

- 2.2.1 Golders Green Road (A502) is a primary single carriageway road which runs in a broadly northwest-southeast direction, providing access between Finchley and Hampstead/Camden Town.
- 2.2.2 The carriageway varies in width between 8.5m and 12.5m wide in the vicinity of the site and is subject to a 30-mph speed limit.
- 2.2.3 The site is located in Zone G of the London Borough of Barnet's (LBoB's) Controlled Parking Zone (CPZ), i.e., Resident Permit Holders (RPH) only Mon-Sat 08:00 – 18:30 hours and Sun 09:30 – 18:30 hours.



2.2.4 There are a combination of parking restrictions locally including single/double yellow lines with "No waiting at any time" near junctions. There is also some Pay & Display parking available.

#### Gainsborough Gardens

- 2.2.5 Gainsborough Gardens meets Golders Green Road at a simple priority T-junction. Gainsborough Gardens is a single carriageway residential cul-de-sac (approx. 7.1m wide) subject to a 30-mph speed limit.
- 2.2.6 Gainsborough Gardens terminates at the railway line (Northern Line) approximately 230m from the junction with Golders Green Road, serving only the residential properties along this street.
- 2.2.7 There are double yellow line parking restrictions on the corner of Gainsborough Gardens and Golders Green Road. Along either side of Gainsborough Gardens there is a combination of on-street parking bays and single yellow line parking restrictions. There are no waiting restrictions for vehicles over 5T and buses between midnight 8am and 6.30pm midnight.
- 2.2.8 As per Golders Green Road, Gainsborough Gardens is also subject to the LBoB CPZ (G). There are two lengths of marked parking bays (~11m and ~6m), separated by single yellow lines across the vehicular crossover to the garage of 145 Golders Green Road. These bays are subject to the following:

"Mon – Sat 8am – 6.30pm Sunday 9.30am – 6.30pm Permit holder G [and] W

Or

Pay by phone 020 7979 7133 Or text 655565 Quoting location 5891"



- 2.2.9 There is the same parking bay arrangement on the opposite side of Gainsborough Gardens for approximately 23m in length.
- 2.2.10 There is a marked bay adjacent to 2 Gainsborough Gardens subject to the Golders Green CPZ and a disabled bay adjacent to 4 Gainsborough Gardens subject to *"Disabled badge holders only"*.

#### 2.3 Accident Data

- 2.3.1 ADL have reviewed Crashmap for personal injury accidents on Golders Green Road and surrounding streets during the latest available 3-year period (2020 2022). The collisions are shown in Appendix 2.1.
- 2.3.2 The Crashmap reports are provided as Appendix 2.2, and the collisions are summarised in Table 2A.

Ref.	Date, Time	Severity	Summary
2020010237213	18/02/2020, 11:10	Slight	V1 (motorcycle 50 – 125cc) and V2 (car). V2 collides with V1 in a rear shunt.
2020010274481	18/10/2020, 18:29	Slight	V1 (car) moving off, slight injury to a pedestrian. Car did not impact.
2021010336546	09/10/2021, 22:45	Slight	V1 (motorcycle 50 – 125cc) passing a stationary vehicle on its offside. V2 (car) moving off. Impact is a head on collision.
2022010381547	10/06/2022, 19:10	Slight	V1 (motorcycle 50 – 125cc) proceeding normally along the carriageway. V2 (car) moving off. V1 collides with V2's offside.
2022010416223	13/12/2022, 16:39	Slight	V1 (car) in the act of turning right and collides with a pedestrian crossing in carriageway elsewhere within 50 metres of crossing point.

#### Table 2ACrashmap Summary



- 2.3.3 Table 2A shows that there have been 5 collisions in the immediate site vicinity, all classified as being of slight severity. This frequency of collisions is considered to be low, therefore the local accident situation does not justify any off-site highway safety mitigation.
- 2.3.4 As shown in Chapters 6.0 and 7.0, the traffic impact associated with the proposed development would be negligible and therefore the existing accident situation would not be exacerbated by the proposals.

#### 2.4 Permitted Trip Generation

- 2.4.1 As stated previously, the site is currently occupied by 145 Golders Green Road. In order to calculate the permitted trip generation of the site, the TRICS database has been used. To be representative of the site, the following parameters have been selected:
  - Main Land Use: Residential
  - Sub Land Use: House Privately Owned
  - Regions: Greater London
  - Location: Edge of Town Centre / Suburban
  - PTAL: 3-5
- 2.4.2 The TRICS output is provided as Appendix 3.0 and multi-modal trip generation summarised in Table 2B.

Table 2B Permitted Trip Generation: Houses							
Mode	Time	Trip Rate (Per Dwelling)		Trips (1 Dwelling)			
		In	Out	In	Out	2-Way	
Total	08:00 - 09:00	0.165	0.242	0	0	0	
Vehicles	17:00 – 18:00	0.231	0.165	0	0	0	
venicies	Daily	2.703	2.572	3	3	6	
	08:00 - 09:00	0.000	0.033	0	0	0	
Cyclists	17:00 – 18:00	0.022	0.000	0	0	0	
-	Daily	0.183	0.198	0	0	0	
	08:00 - 09:00	0.055	0.341	0	0	0	
Pedestrians	17:00 – 18:00	0.264	0.099	0	0	0	
	Daily	2.297	2.201	2	2	4	
Public	08:00 - 09:00	0.033	0.209	0	0	0	
Transport	17:00 – 18:00	0.165	0.044	0	0	0	
Users	Daily	0.948	0.997	1	1	2	

 Table 2B
 Permitted Trip Generation: Houses



- 2.4.3 Table 2B shows that the permitted use of the site could generate negligible vehicle trips during typical weekday AM and PM peak hours, and 6 (two-way) trips on a daily basis.
- 2.4.4 In addition, the permitted use of the site could generate 4 (two-way) pedestrian trips and 2 (two-way) public transport user trips on a daily basis.
- 2.4.5 The existing multi-modal trip generation is compared to that of the proposed development in Chapter 6.0.



#### 3.0 ACCESSIBILITY

#### 3.1 Walking

- 3.1.1 The site is located in a mature urban environment which benefits from a comprehensive network of footways, crossing points, and street lighting for pedestrians.
- 3.1.2 There are footways both sides of Gainsborough Gardens and Golders Green Road, with street lighting present throughout. There are dropped kerbs with tactile paving across Gainsborough Gardens at the junction with Golders Green Road.
- 3.1.3 There are crossing points across Golders Green Road located approximately 80m south of the site and 110m north of the site. These zebra crossings benefit from dropped kerbs, tactile paving, pedestrian refuge islands, and Belisha beacons.
- 3.1.4 The primary pedestrian desire line is likely to be to/from Golders Green centre approximately 400m southeast of the site. The footways on either side of Golders Green Road provide good pedestrian access to local amenities in this location, including Golders Green Underground Station, food and retail outlets, community and educational uses, pharmacies, eating/drinking establishments, and employment opportunities.
- 3.1.5 The National Travel Survey (NTS, 2022) states that over 80% of trips under one mile for local journeys (i.e., to/from school) are made by walking. As such, a one-mile (or 1.6km) walking isochrone is provided as Appendix 4.1.
- 3.1.6 Appendix 4.1 shows that the site is within walking distance of the wider Golders Green area, as well as the neighbouring Brent Cross, Temple Fortune, and Childs Hill. By virtue of the site's location, the majority of trips made to/from the site can be made on foot, negating the need to use a private car.
- 3.1.7 Overall, the pedestrian infrastructure and accessibility is considered to be excellent.



#### 3.2 Cycling

- 3.2.1 According to DfT Local Transport Note 1/20 (Cycle Infrastructure Design), 8km is considered a suitable distance to cycle for local journeys. A cycle isochrone map is provided as Appendix 4.2.
- 3.2.2 Appendix 4.2 shows that there is a large potential catchment for local cycling trips, which could replace car journeys.
- 3.2.3 Golders Green is served by a Local Cycle Network (LCN), there is a recommended route on the A598 approximately 600 metres southeast of the site which serves Golders Green Underground Station provides access north towards Finchley and south to Hampstead. This route also provides a connection to LCN Route 51 which connects Brent Cross with Golders Hill Park.
- 3.2.4 As stated previously, the local road network is subject to a 30-mph speed limit and benefits from street lighting throughout. The surrounding area is considered to be a safe environment for cycling. The Crashmap review in Section 2.3 demonstrates that there have not been any collisions around the site involving cyclists during the latest available 3-year period.

#### 3.3 Public Transport

- 3.2.1 Public Transport Access Levels (PTAL) assesses connectivity (level of access) to the transport network, combining walk time to the public transport network with service wait times. Using Transport for London's (TfL) WebCAT, the site has a PTAL of 4 (0 being the worst and 6b being the best). The PTAL output of the site is provided as Appendix 4.3.
- 3.2.2 As shown, the site is proximal to cells with PTALs of 6a and therefore the site is considered to be well served by public transport.
- 3.2.3 A plan of local public transport links, including nearby bus stops and underground stations, is provided as Appendix 4.4.



<u>Bus</u>

- 3.2.4 According to the CIHT's *Buses in Urban Development* report (2018), 250m is considered the maximum walking distance to bus stops in town/city centre locations. Within this distance there are several bus stops on Golders Green Road:
  - Woodstock Avenue (N-B stop ~75m northwest of the site, S-B stop ~170m northwest of the site)
  - Hoop Lane Golders Green (N-B stop ~190m southeast of the site, S-B stop ~220m southeast of the site)
- 3.2.5 These stops are a 3-minute walk or less from the site. Each of these stops is well equipped with shelter, seating, and timetable information.
- 3.2.6 Table 3A summarises the bus services at the stops listed above including the frequency of service.

Route	Route		Frequency	
Roule	Route	Mon – Fri	Sat	Sun
83	Golders Green Station – Alperton	Every 7 – 10	Every 7 – 10	Every 9 – 13
03	Station	minutes	minutes	minutes
183	Golders Green Station – Pinner	Every 8 – 12	Every 8 – 12	Every 10 – 13
105	Station/Bridge Street	minutes	minutes	minutes
210	Finsbury Park Station – Brent Cross	Every 8 – 12	Every 9 – 13	Every 10 – 14
210	Shopping Centre	minutes	minutes	minutes
240	Golders Green Station – Edgware	Every 13	Every 15	Every 20
240	Station	minutes	minutes	minutes
N5	Edgware Bus Station –	Every 30	Every 30	Every 30
N5	Whitehall/Trafalgar Square	minutes	minutes	minutes
N83	Golders Green Station – Ealing	Every 30	Every 30	Every 30
INOS	Hospital	minutes	minutes	minutes

Table 3ABus Services Summary

Source: https://tfl.gov.uk/travel-information/timetables/ as of 06.12.23

- 3.2.7 As shown in Table 3A, the local stops are served by four daytime services and two night-time services with an excellent frequency of service throughout the week.
- 3.2.8 The proximity of the site to these bus stops, the bus stop infrastructure, and range/frequency of bus service makes bus travel a highly convenient and attractive option for residents and visitors of the proposal.



<u>Train</u>

- 3.2.9 Golders Green Underground Station is located approximately 650m southeast of the site, in Golders Green centre, i.e., a 9-minute walk or 2-minute cycle. Brent Cross Underground Station is located approximately 900m northwest of the site, i.e., 10-minute walk or 2-minute cycle.
- 3.2.10 Both Golders Green and Brent Cross are on the Northern Line, providing frequent services between Edgware (northbound) and Battersea Power Station or Morden (southbound).
- 3.2.11 In conclusion, the site is located in a highly sustainable location in terms of public transport which is likely to encourage and facilitate non-car travel.



#### 4.0 **PROPOSED DEVELOPMENT**

#### 4.1 Proposal

4.1.1 It is proposed to demolish the existing dwelling and construct a new four-storey residential building comprising:

•	1-bed flat	× 6

- 2-bed flat × 2
- Total 8 flats
- 4.1.2 The proposed floor plans are provided as Appendix 5.0.

#### 4.2 Access Arrangements

- 4.2.1 Pedestrian access to the flats would be gained via the Gainsborough Gardens site frontage.
- 4.2.2 There are 2 x cycle stores proposed externally within the communal front & rear gardens. The front garden store would accommodate 8 cycles and the rear garden store will accommodate 7 cycles.
- 4.2.3 The proposed development would be "car-free" and therefore will encourage access by sustainable travel modes (discouraging car ownership) in the strongest possible way.
- 4.2.4 As discussed in Chapter 6.0, an on-street parking survey has been undertaken within suitable walking distance of the site (200 metres as per Lambeth Methodology guidance) to demonstrate that there is suitable availability of parking in unrestricted and/or resident permit holder spaces to meet the demand associated with the proposed development.



#### 4.3 Parking

- 4.3.1 The proposed development will be "car-free" and therefore residents who own a car would need to utilise on-street car parking spaces within the vicinity of the site. As mentioned previously, the site is located in Zone G of LBoB's CPZ, with parking available to permit holders.
- 4.3.2 The car parking standards, as per The London Plan (2021), are discussed in the following Chapter 5.0.
- 4.3.3 Cycle parking would be provided in accordance with The London Plan's minimum standards for residential use as per below:

#### Long Stay

•	1.5 spaces / 2-person 1-bed dwelling	=	6 × 1.5	=	9
•	2 spaces per all other dwellings	=	2 × 2	=	4

#### Short Stay

- 5 40 dwellings 2 spaces
- 4.3.4 Based on the above standards, the cycle parking requirement is a minimum of 15 spaces (i.e., 13 long-stay + 2 short-stay).
- 4.3.5 The residential cycle stores would be covered, secure. and well lit. As shown in Appendix 5.0, cycle stores for the flats are located in the rear garden and the front communal area.
- 4.3.6 There would be a total of 15 cycle parking spaces (13 long-stay and 2 short-stay) provided for residents in the front / rear garden stores. The proposed cycle parking provision therefore meets The London Plan standards.



#### 4.4 Servicing and Deliveries

- 4.4.1 The delivery arrangement for the residential element would be retained as per the existing situation, i.e., on-street via Gainsborough Gardens or Golders Green Road, adhering to the local loading/waiting restrictions.
- 4.4.2 Bin stores will be located at ground floor level, within the front garden area, and the Council would collect on street.



#### 5.0 PARKING STRESS SURVEY

#### 5.1 **Parking Standards and Guidance**

- 5.1.1 As discussed in Chapter 3.0, the site is situated in a highly sustainable location, with excellent public transport connectivity which would encourage and facilitate non-car travel. There are also footways on both sides of Golders Green Road providing convenient access to the local centre and associated amenities.
- 5.1.2 Manual for Streets (MfS, 2007) and CIHT's Planning for Walking (2015) define 'walkable neighbourhoods' as per below:

"Walkable neighbourhoods are typically characterised by having a range of facilities within 10 minutes' (up to about 800m) walking distance of residential areas which residents may access comfortably on foot."

- 5.1.3 As outlined in Appendix 4.1, there are several amenities within suitable walking distance of the site which would negate private car usage.
- 5.1.4 As mentioned previously, the proposed development would be "car-free" which, by nature, would discourage car ownership and access to the site by private car.
- 5.1.5 The London Plan (2021) Policy T6 Car Parking states the following with regard to parking provision for new development:

"Car-free development should be the starting point for all development proposals."

5.1.6 The maximum car parking standards, as per Policy T6.1 Residential Parking of The London Plan, are set out in Table 5A below. As mentioned previously, the site has a PTAL Rating of 4.

Table SA London Pl	an Parking Standards	
Location	No. of Beds	Maximum Parking Provision
Outer London PTAL 4	All	Up to 0.5 – 0.75 spaces per dwelling*

Table 5A London Plan Parking Standards

\*In this case the lower standard should be applied as the site is in an accessible location.



5.1.7 It is proposed to demolish the existing dwelling and construct a new four-storey residential building comprising:

•	Total	8 flats
•	2-bed flat	× 2
•	1-bed flat	× 6

- 5.1.8 The *maximum* car parking provision, in accordance with The London Plan standards set out in Table 5A, would be 4 spaces (i.e., 0.5 spaces per dwelling × 8 flats = 4 spaces).
- 5.1.9 It should be noted that the *maximum* car parking provision in the permitted scenario, based on the standards, is 1 space (i.e., 0.5 spaces per dwelling × 1 house = max 1 space).

#### 5.2 Residential Parking Demand

5.2.1 The site is located within the London Borough of Barnet (LBoB) Childs Hill ward. Based on Census dataset CT0103 (*Accommodation type by tenure by number of rooms by car or van availability*), the car ownership for flats with up to 3 habitable rooms in the LBoB and Childs Hill are summarised below:

#### Privately Owned

•	Childs Hill	=	0.66 cars per unit
•	LBoB	=	0.74 cars per unit
<u>Rentea</u>	<u>d</u>		
•	Childs Hill	=	0.32 cars per unit
•	LBoB	=	0.43 cars per unit
<u>Total</u>			
•	Childs Hill	=	0.38 cars per unit
•	LBoB	=	0.50 cars per unit



5.2.2 Based on car ownership data, the proposed  $6 \times 1$ -bedroom and  $2 \times 2$ -bedroom development could generate the following parking demand:

<u>Privat</u>	tely Owned						
•	Childs Hill	=	0.66 cars per unit	×	8	=	5 cars
•	LBoB	=	0.74 cars per unit	×	8	=	6 cars
<u>Rente</u>	<u>ed</u>						
•	Childs Hill	=	0.32 cars per unit	×	8	=	3 cars
•	LBoB	=	0.43 cars per unit	×	8	=	3 cars
<u>Total</u>							
•	Childs Hill	=	0.38 cars per unit	×	8	=	3 cars
•	LBoB	=	0.50 cars per unit	×	8	=	4 cars

- 5.2.3 In a worst-case scenario, the proposed development could generate a parking demand of up to 6 cars (based on LBoB car ownership for privately owned flats). However, this is considered to be very robust as the site is located within the Childs Hill ward which displays lower car ownership than the LBoB.
- 5.2.4 Based on the average car ownership of all flats within Childs Hill and the LBoB (i.e., total), the development would more likely generate a car ownership of 3 or 4 cars.
- 5.2.5 The proposed development would be "car-free", however an addition of 3 or 4 cars is not considered to be severe.

#### 5.3 Parking Survey

- 5.3.1 In order to demonstrate that there is sufficient on-street parking in the vicinity of the site, ADL commissioned K&M Traffic Surveys to undertake a parking survey on Wednesday 15<sup>th</sup> and Thursday 16<sup>th</sup> November 2023 on streets within 200 metres walking distance of the site using Lambeth Methodology guidance.
- 5.3.2 The parking surveys were undertaken at 04:00 on Wednesday 15<sup>th</sup> and at 03:45 on Thursday 16<sup>th</sup> (i.e., to capture maximum on-street demand). The full parking survey data is provided as Appendix 6.0.



5.3.3 The site is located in Zone G of LBoB's CPZ, the survey included RPH spaces within the CPZ (as per Lambeth Methodology guidance). The parking stress for permit holders on streets within 200 metres walking distance of the site is summarised in Table 5B below.

Street Norre	No.		Weds 15 <sup>th</sup> Nov 04:00		16 <sup>th</sup> Nov :45	Average	
Street Name	Parking Spaces	Cars Parked	Stress (%)	Cars Parked	Stress (%)	Unrestricted Parking Stress (%)	
Golders Garden	78	55	71%	55	71%	71%	
Golders Green Rd	21	12	57%	11	52%	55%	
Woodstock Av	16	6	38%	6	38%	38%	
Gainsborough Gd	77	49	64%	52	68%	66%	
Sneath Av	3	2	67%	3	100%	84%	
Powis Gd	44	30	68%	28	64%	66%	
The Riding	12	5	42%	7	58%	50%	
Ravenscroft Av	25	12	48%	9	36%	42%	
Beechcroft Av	16	9	56%	9	56%	56%	
Gloucester Gd	22	22	100%	22	100%	100%	
Totals	314	202	64%	202	64%	64%	

 Table 5B
 Parking Stress Survey (Resident Permit Holder Spaces)

- 5.3.4 Table 5B shows that there are at least 314 resident permit holder parking spaces that are available within 200 metres walking distance of the site. During the surveys, an average of 202 on-street parking spaces were occupied (64% parking stress). Therefore, an average of 112 spaces are available within 200 metres of the site.
- 5.3.5 An average parking stress of 64% is significantly below the 90% threshold of what is considered to be "operational capacity". The parking impact of the proposed development is summarised in the next Section below.

#### 5.4 Parking Impact

- 5.4.1 This report demonstrates that there would be no adverse impact on the availability of on-street parking in the surrounding area.
- 5.4.2 Chapter 3.0 demonstrates that the site is situated in a highly accessible location with local bus stops, underground stations, pedestrian footways / crossing points, and advisory cycle lanes which encourage access by active and sustainable travel. Furthermore, the site is considered to be within a "walkable neighbourhood" with multiple amenities located within 800 metres walking distance (i.e., 10-minute walk).



- 5.4.3 A parking survey has been undertaken in any case to demonstrate that there is sufficient capacity on-street to accommodate the minimal parking demand associated with the proposed development.
- 5.4.4 Based on the parking survey results (Lambeth Methodology) there are at least 314 resident permit holder (RPH) parking spaces available within 200 metres walking distance of the site. During the survey periods, an average of 202 on-street parking spaces were occupied (64% stress). Therefore, an average of 112 spaces are available within 200 metres of the site. An addition of 6 cars (worst-case scenario) associated with the proposed residential units would therefore increase the average parking stress from 64% to 66% (i.e., 202 + 6 / 314 = 66%).
- 5.4.5 The increase in parking stress on surrounding streets as a result of the proposed development is therefore considered to be negligible, the stress would not reach or exceed 90% (i.e., operational capacity).
- 5.4.6 Based on the above assessment, the proposals are considered to be acceptable and would generate an insignificant impact on the local highway network from a parking perspective.
- 5.4.7 The proposed development therefore adheres to the National Planning Policy Framework (NPPF, 2023):

"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe."



#### 6.0 TRAFFIC IMPACT ASSESSMENT

#### 6.1 **Proposed Trip Generation**

- 6.1.1 In order to determine the proposed trip generation of the residential development, the TRICS database has been used. To be representative of the site, the following parameters have been selected.
  - Main Land Use: Residential
  - Sub Land Use: Flats (Privately Owned)
  - Regions: Greater London
  - No. of Dwellings 6 100
  - Available Dates 01/01/08 09/06/22
  - Location: Edge of Town Centre / Suburban
  - PTAL: 3–5

\*Surveys undertaken during COVID omitted

6.1.2 The TRICS output is provided as Appendix 7.0 and multi modal trip generation summarised in Table 6A.

l able 6A	Proposed Trip Generation: Residential								
Mode	Time		Rate welling)	Trips (8 Dwellings)					
		In	Out	In	Out	2-Way			
Total	08:00 - 09:00	0.029	0.112	0	1	1			
	17:00 – 18:00	0.126	0.083	1	1	2			
Vehicles	Daily	0.780	0.801	6	6	12			
	08:00 - 09:00	0.000	0.000	0	0	0			
Cyclists	17:00 – 18:00	0.000	0.004	0	0	0			
	Daily	0.015	0.016	0	0	0			
	08:00 - 09:00	0.040	0.201	0	2	2			
Pedestrians	17:00 – 18:00	0.137	0.104	1	1	2			
	Daily	1.128	1.084	9	9	18			
Public	08:00 - 09:00	0.025	0.266	0	2	2			
Transport	17:00 – 18:00	0.151	0.076	1	1	2			
Users	Daily	1.201	1.127	10	9	19			

 Table 6A
 Proposed Trip Generation: Residential

6.1.3 Table 6A shows that the proposed development could generate 1 and 2 (two-way) vehicle trips during the AM and PM network peak hours, respectively, and 12 (two-way) vehicle trips on a daily basis. This is considered to be imperceptible in traffic engineering terms.



6.1.4 Table 6A also demonstrates that the proposed development could be expected to generate 18 and 19 (two-way) pedestrian and public transport user trips on a daily basis, respectively.

#### 6.2 Traffic Impact Assessment

6.2.1 The traffic impact of the proposed development is determined by comparing the existing vehicular trip generation with the proposed vehicle trip generation. This is summarised in Table 6B.

			Trips (2-Way)		
Mode	Time	Existing (Table 2B)	Proposed (Table 6A)	Net Change	
Total	08:00 - 09:00	0	1	+1	
Vehicles	17:00 – 18:00	0	2	+2	
venicies	Daily	6	12	+6	
	08:00 - 09:00	0	0	0	
Cyclists	17:00 – 18:00	0	0	0	
-	Daily	0	0	0	
	08:00 - 09:00	0	2	+2	
Pedestrians	17:00 – 18:00	0	2	+2	
	Daily	4	18	+14	
Public	08:00 - 09:00	0	2	+2	
Transport	17:00 – 18:00	0	2	+2	
Users	Daily	2	19	+17	

 Table 6B
 Traffic Impact: Existing vs Proposed

- 6.2.2 Table 6B shows that, compared to the existing use, the proposed development could generate up to 2 additional vehicle trips during network peak hours (or 6 additional trips on a daily basis). This traffic impact is considered to be imperceptible, and the parking assessment in Chapter 5.0 demonstrates that a parking demand on up to 6 cars (in a worst-case scenario) could safely be accommodated in resident permit holder spaces within 200 metres walking distance of the site.
- 6.2.3 Furthermore, considering the highly accessible location of the site (and the car-free nature of the development), it is likely that the majority of trips would be made by sustainable modes, such as walking, cycling, or public transport.



#### 7.0 SUMMARY AND CONCLUSIONS

- 7.1 ADL Traffic and Highways Engineering Ltd (ADL) have prepared this Transport Statement (TS) to support a planning application for a proposed residential development comprising a 4-storey building with 8 flats at 145 Golders Green Road, London, NW11 9BN.
- 7.2 The site is situated at 145 Golders Green Road at the junction with Gainsborough Gardens.
- 7.3 The site comprises an existing residential dwelling at 145 Golders Green Road which would be demolished and replaced with a four-storey building comprising 8 flats.
- 7.4 The site is located in a mature urban environment with excellent pedestrian infrastructure, there are multiple local amenities within a "walkable neighbourhood" distance of the site (i.e., 800 metres or a 10-minute walk).
- 7.5 The PTAL rating of the site is 4 (i.e., good), there are bus stops within 250 metres of the site on Golders Green Road with an excellent service level. Golders Green and Brent Cross Underground Stations are nearby within one kilometre walking distance, these are served by the Northern Line. The accessibility of the site to active and sustainable modes is considered to be excellent.
- 7.6 It is proposed to demolish the existing dwellings and provide a development comprising 8 flats.
- 7.7 The proposed development would be "car-free" and therefore will encourage access by sustainable travel modes (discouraging car ownership) in the strongest possible way.
- 7.8 There would be a total of 15 cycle parking spaces (13 long-stay and 2 short-stay) provided for residents in the front / rear garden stores. The proposed cycle parking provision therefore meets The London Plan standards.

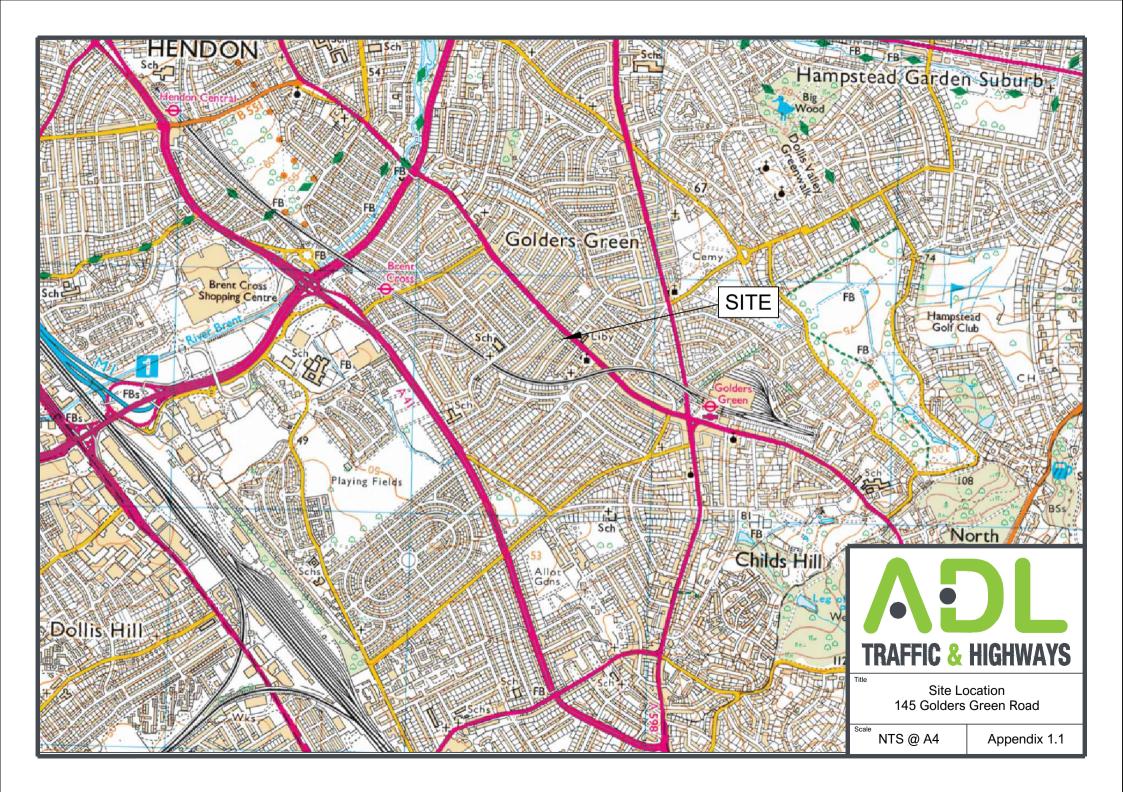


- 7.9 ADL commissioned K&M Traffic Surveys Ltd to undertake a parking survey on Wednesday 15<sup>th</sup> and Thursday 16<sup>th</sup> November 2023 on streets within 200 metres walking distance of the site using Lambeth Methodology guidance.
- 7.10 The parking survey results demonstrate that, even with the demand associated with the proposed development, the parking stress within 200 metres walking distance of the site in resident permit holder spaces (Zone G of LBoB's CPZ) is 66%. This is considerably below the 90% "operational capacity" of the network and therefore the parking impact of the development would not be severe.
- 7.11 Based on a robust traffic impact assessment using TRICS, proposed development could generate up to 2 additional vehicle trips (two-way) during network peak hours, and up to 6 additional trips (two-way) on a daily basis compared with the existing use which is considered to be negligible.
- 7.12 Notwithstanding the above, given the highly accessible location of the site (and carfree nature of the development), the majority of trips associated with the proposed development would be made by walking, cycling, or public transport.
- 7.13 It is concluded that is proposed development would not result in an unacceptable impact on highway safety, nor would the residual cumulative impacts on the road network be severe (as per NPPF, 2023).

"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe."

APPENDIX 1.0

SITE LOCATION



#### **APPENDIX 2.0**

#### CRASHMAP

Search Extent
Collision Reports

2.1 2.2



# Avenue

## 18/02/2022

## 18/10/2022

# TRAFFIC & HIGHWAYS

#### Crashmap Plan

NTS

Appendix 2.1

## crashmap.co.uk

#### Validated Data

Crash Date:	Tuesday, February 18, 2020	Time of Crash:	11:10:00 AM	Crash Reference:	2020010237213
Highest Injury Severity:	Slight	Road Number:	A502	Number of Casualties:	1
Highway Authority:	Barnet			Number of Vehicles:	2
Local Authority:	Barnet London Borough			<b>OS Grid Reference:</b>	524648 187748
Weather Description:	Fine without high winds		Shrield Garden	and and and and and	saint Andrew's Road
Road Surface Description:	Dry		Highfield Ave		Saint John's Road
Speed Limit:	30		San Mark	Une were College on second	he The provide
Light Conditions:	Daylight: regardless of presence	e of streetlights	dville Road	1 1 1 Ken Board Server	suff Corris
Carriageway Hazards:	None		Elmcroft Cresce	The transferrer	Readout Arena a
Junction Detail:	Unknown		Montpelier Rise	where and and and and a start of	thenere 33 Million Road
Junction Pedestrian Crossing:	Unknown		Handhingha	Woodstood." Good population the self	anterior Ba
Road Type:	Single carriageway		allow here the	The Ridgeway	Hooding Acon
Junction Control:	Unknown		New Wester Con	the second	St Rear Thousand an Acad

For more information about the data please visit: <a href="http://www.crashmap.co.uk/home/Faq">www.crashmap.co.uk/home/Faq</a> To subscribe to unlimited reports using CrashMap Pro visit <a href="http://www.crashmap.co.uk/Home/Premium\_Services">www.crashmap.co.uk/home/Faq</a>

agilysis

Page 1 of 2 14/11/2022 12:06 PM



#### **Vehicles involved**

#### Validated Data

Vehicle Ref	Vehicle Type		Driver Gender		Vehicle Maneouvre	First Point of Impact	-	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Motorcycle over 50cc and up to 125cc	4	Male	26 - 35	Unknown	Back	Unknown	Unknown	Unknown
2	Car (excluding private hire)	14	Unknow n	Unknown	Unknown	Front	Unknown	Unknown	Unknown

#### Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	26 - 35	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium\_Services* 



Page 2 of 2 14/11/2022 12:06 PM

## crashmap.co.uk

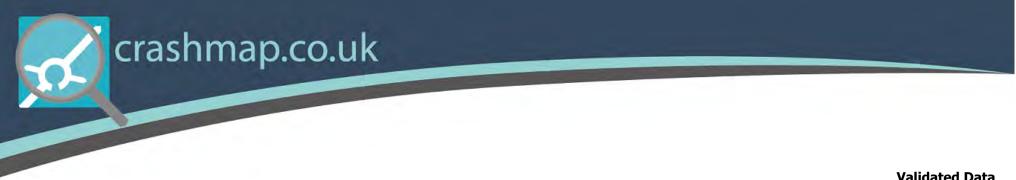
Validated Data

Crash Date:	Sunday, October 18, 2020	Time of Crash:	6:29:00 PM	Crash Reference:	2020010274481
Highest Injury Severity:	Slight	Road Number:	UO	Number of Casualties:	1
Highway Authority:	Barnet			Number of Vehicles:	1
Local Authority:	Barnet London Borough			<b>OS Grid Reference:</b>	524616 187718
Weather Description:	Fine without high winds		Shrield Car	Bientile and ar con contraction	-saint Andrew -
Road Surface Description:	Dry		pigmes	at the state	Saint John's Road
Speed Limit:	30		Suprant and State	unere there is in an	Wentwonthe
Light Conditions:	Darkness: street lights present	but unlit	Woodville Road	The the Road of	stand the stand
Carriageway Hazards:	Dislodged vehicle load in carria	ageway	Elmcroft Cresce	and an and a superior	Beeckron Avenue 2 - Widdleton Ro
Junction Detail:	T or staggered junction		Montpelier Rise	and home count and a count	Gran Row and State
Junction Pedestrian Crossing:	No physical crossing facility wi	thin 50 metres	the state of the s	Hodan Gilo good	adden and a subserver
Road Type:	Single carriageway		Hendon	The Ridgeway	Hoodiloct & Continout
Junction Control:	Give way or uncontrolled		N BE	as Cardens outrain	New Conton Road State St

For more information about the data please visit: <a href="http://www.crashmap.co.uk/home/Faq">www.crashmap.co.uk/home/Faq</a> To subscribe to unlimited reports using CrashMap Pro visit <a href="http://www.crashmap.co.uk/Home/Premium\_Services">www.crashmap.co.uk/home/Faq</a>

Page 1 of 2 14/11/2022 12:07 PM





#### **Vehicles involved**

#### Validated Data

Vehicle Ref	Vehicle Type		Driver Gender			First Point of Impact		Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	7	Male	46 - 55	Vehicle is moving off	Did not impact	Unknown	None	None

#### Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Pedestrian	Male	21 - 25	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium\_Services* 



Page 2 of 2 14/11/2022 12:07 PM



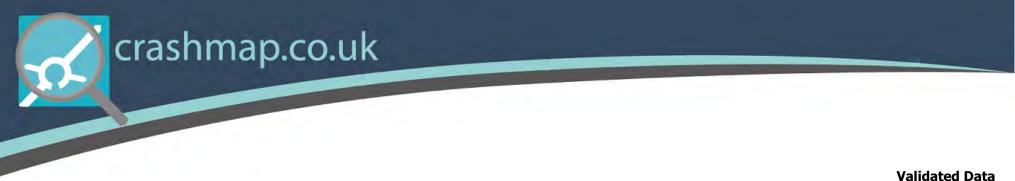
Validated Data

Crash Date:	Saturday, October 09, 2021	Time of Crash:	10:45:00 PM	Crash Reference:	2021010336546
Highest Injury Severity:	Slight	Road Number:	A502	Number of Casualties:	1
Highway Authority:	Barnet			Number of Vehicles:	2
Local Authority:	Barnet London Borough			<b>OS Grid Reference:</b>	524622 187775
Weather Description:	Fine without high winds		e anders	Bar and Carlo And and	Bonse Boad Hoop Lane Ceme
Road Surface Description:	Dry		Shred Car	enue at a de padore	Saint Andrew .
Speed Limit:	30		- Star	strand Colden der	The same
Light Conditions:	Darkness: street lights present a	nd lit	Ma i fort	une Gran Ree outreets	wentworth Road
Carriageway Hazards:	None		Elmcroft Cresce	the the second	AND CONTRACTOR
Junction Detail:	Not at or within 20 metres of jun	ction	Montes	Jush Caller Galant Collers	And Avenue of Middleton Roa
Junction Pedestrian Crossing:	No physical crossing facility withi	n 50 metres	Santa Sa	woodnest hereit	and the second second
Road Type:	Single carriageway		He Henry Road		Ho Stars No.
Junction Control:	Not Applicable		A A A A A A A A A A A A A A A A A A A	The Ridgeway	Colders Way Colders Way Colders Way Colders Creek

For more information about the data please visit: <a href="http://www.crashmap.co.uk/home/Faq">www.crashmap.co.uk/home/Faq</a> To subscribe to unlimited reports using CrashMap Pro visit <a href="http://www.crashmap.co.uk/Home/Premium\_Services">www.crashmap.co.uk/home/Faq</a>

Page 1 of 2 14/11/2022 12:09 PM





### **Vehicles involved**

Vehicle Ref	Vehicle Type		Driver Gender		Vehicle Maneouvre	First Point of Impact			Hit Object - Off Carriageway
1	Motorcycle over 50cc and up to 125cc	-1	Male	26 - 35	Vehicle is passing a stationary vehicle on its offside	Front	Journey as part of work	None	None
2	Car (excluding private hire)	7	Male	56 - 65	Vehicle is moving off	Front	Journey as part of work	None	None

## Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	26 - 35	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium\_Services* 



Page 2 of 2 14/11/2022 12:09 PM

# crashmap.co.uk

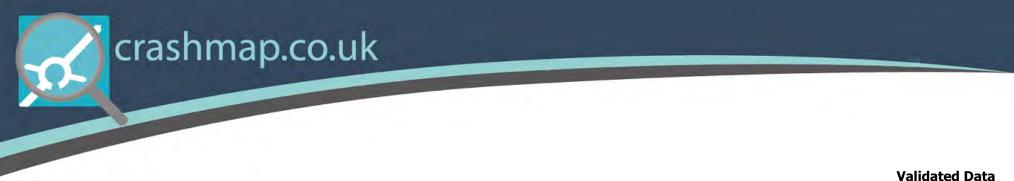
Validated Data

Crash Date:	Friday, June 10, 2022	Time of Crash:	7:10:00 PM	Crash Reference:	2022010381547
Highest Injury Severity:	Slight	Road Number:	A502	Number of Casualties:	1
Highway Authority:	Barnet			Number of Vehicles:	2
Local Authority:	Barnet London Borough			<b>OS Grid Reference:</b>	524626 187785
Weather Description:	Fine without high winds		ters	The shitter the state	Portsdown E
Road Surface Description:	Dry		Shred Gard	mue and so and any and	Saint Andrew's not
Speed Limit:	30		E HUY	water Cally sub	Saint John
Light Conditions:	Daylight: regardless of presence	of streetlights	Chan Coast	Line Constant Content Cont	Wentworth Road
Carriageway Hazards:	None		joodville Road	May May the second	the station was
Junction Detail:	Not at or within 20 metres of jun	ction	Elmcroft Crescer <sup>®</sup>	stream sun Colles	ethold then a s
Junction Pedestrian Crossing:	No physical crossing facility within	n 50 metres	South States	understand themes can appropriate the second	Can all the second seco
Road Type:	Single carriageway		Hannahan Read	and the second s	An Catherin Ind
Junction Control:	Not Applicable		and the state of t	The Bidgeway	Couling Could way Board

For more information about the data please visit: <a href="http://www.crashmap.co.uk/home/Faq">www.crashmap.co.uk/home/Faq</a> To subscribe to unlimited reports using CrashMap Pro visit <a href="http://www.crashmap.co.uk/Home/Premium\_Services">www.crashmap.co.uk/home/Faq</a>

Page 1 of 2 04/12/2023 04:33 PM





### **Vehicles involved**

Vehicle Ref	Vehicle Type		Driver Gender		Vehicle Maneouvre	First Point of Impact		Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Motorcycle over 50cc and up to 125cc	4	Male	26 - 35	Vehicle proceeding normally along the carriageway, not on a bend	Front	Journey as part of work	None	None
2	Car (excluding private hire)	13	Male	26 - 35	Vehicle is moving off	Offside	Unknown	None	None

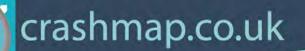
# Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	26 - 35	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium\_Services* 



Page 2 of 2 04/12/2023 04:33 PM



Validated Data

Crash Date:	Tuesday, December 13, 2022	Time of Crash:	4:39:00 PM	Crash Reference:	2022010416223
Highest Injury Severity:	Slight	Road Number:	A502	Number of Casualties:	1
Highway Authority:	Barnet			Number of Vehicles:	1
Local Authority:	Barnet London Borough			<b>OS Grid Reference:</b>	524635 187746
Weather Description:	Fine without high winds		Shred Gardens	neur Pas al and an and	Saint Andrew's Road
Road Surface Description:	Frost or Ice		Highfield P	- State	- Saint John's Road Assa
Speed Limit:	30		Sain Many	une see alter a more	Home Home Home
Light Conditions:	Darkness: no street lighting		podville Road	1 1 A Read Guilder	when the stand and the stand the sta
Carriageway Hazards:	None		Elmcroft Cresce de	a a se a sec	Brechron a Statence & Modern
Junction Detail:	T or staggered junction		Montpelier Rise	where concorrection and the control of the control	Participant and a second read
Junction Pedestrian Crossing:	Pelican, puffin, toucan or similar pedestrian light crossing	non-junction	And the second second	a warman and a safe made	He Street
Road Type:	Single carriageway		Adon Wax	The Ridgeway	Colders Way
Junction Control:	Give way or uncontrolled		Werser	Gerden	Golders Green

For more information about the data please visit: <a href="http://www.crashmap.co.uk/home/Faq">www.crashmap.co.uk/home/Faq</a> To subscribe to unlimited reports using CrashMap Pro visit <a href="http://www.crashmap.co.uk/Home/Premium\_Services">www.crashmap.co.uk/home/Faq</a>

Page 1 of 2 04/12/2023 04:34 PM





### **Vehicles involved**

### Validated Data

Vehicle Ref	Vehicle Type		Driver Gender			First Point of Impact	-		Hit Object - Off Carriageway
1	Car (excluding private hire)	0	Male	66 - 75	Vehicle is in the act of turning right	Front	Unknown	None	None

### Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
	1	Slight	Pedestrian	Female		In carriageway, crossing elsewhere within 50 metres of pedestrian crossing	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium\_Services* 



Page 2 of 2 04/12/2023 04:34 PM

# APPENDIX 3.0

PERMITTED TRICS: HOUSES (PRIVATELY OWNED)

Calculation Reference: AUDIT-733701-221114-1154

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas: 01 GREATER LONDON

1 days
2 days
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:	9 to 50 (units: )
Range Selected by User:	9 to 231 (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: 01/01/10 to 24/11/21

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	1 days
Thursday	3 days

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

<u>Selected survey types:</u>	
Manual count	4 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:	
Edge of Town Centre	2
Suburban Area (PPS6 Out of 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.

<u>Selected Location Sub Categories:</u> Residential Zone

4

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.

CS 7.9.3 071022 B20.58	Database right of	of TRICS Consortium Limited, 2022. All rights reserved	Monday 14/11/22 Page 2
Traffic Engineering Ltd	Armstrong Way	Yate, Bristol	Licence No: 733701
Secondary Filtering	selection:		
<u>Use Class:</u>			
C3		4 days	
		rs per Use Class classification within the selected set. The an be found within the Library module of TRICS®.	Use Classes Order 2005
Population within 500	m Range:		
All Surveys Included <u>Population within 1 m</u>	ile·		
25,001 to 50,000	<i></i>	2 days	
50,001 to 100,000		2 days	
This data displays the <u>Population within 5 m</u>		ed surveys within stated 1-mile radii of population.	
500,001 or More	nes.	4 days	
This data displays the	number of selecte	ed 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		3 days	
This data displays the within a radius of 5-m		ed surveys within stated ranges of average cars owned pervey sites.	r residential dwelling,
Travel Plan:			
No		4 days	
		rs within the selected set that were undertaken at sites windertaken at sites windertaken at sites without Travel Plans.	ith Travel Plans in place,

PTAL Rating:

TTAL Nating.	
3 Moderate 2 d	lays
4 Good 1 d	lays
5 Very Good 1 d	lays

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

RICS 7.9.3	3 071022 B20.58 Database right of	TRICS Consortium Limited	, 2022. All rights reserved	Monday 14/11/22 Page 3
DL Traffic E	ngineering Ltd Armstrong Way	Yate, Bristol		Licence No: 733701
<u></u>	TOF SITES relevant to selection paral	neters		
1	HO-03-A-02 MI XED HOUS HIBERNIAN ROAD HOUNSLOW	SES	HOUNSLOW	
2	Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i> KI-03-A-01 DETACHED	50 <i>29/06/15</i>	<i>Survey Type: MANUAL</i> KINGSTON	
	COOMBE RISE KINGSTON UPON THAMES			
	Suburban Area (PPS6 Out of Centre Residential Zone	e)		

12

24/06/10

Survey Type: MANUAL

KINGSTÓN

WOLSEY CLOSE KINGSTON UPON THAMES Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 20 Survey date: THURSDAY 24/06/10 Survey Type: MANUAL WALTHAM FOREST 4 WF-03-A-02 SEMI DETACHED & TERRACED PALMERSTON ROAD WALTHAMSTOW Edge of Town Centre Residential Zone Total No of Dwellings: 9 Survey date: THURSDAY 06/06/19 Survey Type: MANUAL

Total No of Dwellings:

KI-03-A-02

3

Survey date: THURSDAY

DETACHED

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 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): 2.64

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	23	0.088	4	23	0.253	4	23	0.341
08:00 - 09:00	4	23	0.165	4	23	0.242	4	23	0.407
09:00 - 10:00	4	23	0.110	4	23	0.220	4	23	0.330
10:00 - 11:00	4	23	0.154	4	23	0.143	4	23	0.297
11:00 - 12:00	4	23	0.198	4	23	0.121	4	23	0.319
12:00 - 13:00	4	23	0.264	4	23	0.264	4	23	0.528
13:00 - 14:00	4	23	0.198	4	23	0.165	4	23	0.363
14:00 - 15:00	4	23	0.121	4	23	0.132	4	23	0.253
15:00 - 16:00	4	23	0.198	4	23	0.187	4	23	0.385
16:00 - 17:00	4	23	0.209	4	23	0.176	4	23	0.385
17:00 - 18:00	4	23	0.231	4	23	0.165	4	23	0.396
18:00 - 19:00	4	23	0.242	4	23	0.132	4	23	0.374
19:00 - 20:00	2	30	0.237	2	30	0.169	2	30	0.406
20:00 - 21:00	2	30	0.288	2	30	0.203	2	30	0.491
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.703			2.572			5.275

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

#### Parameter summary

Trip rate parameter range selected: Survey date date range:	9 - 50 (units: ) 01/01/10 - 24/11/21
Number of weekdays (Monday-Friday):	4
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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

### TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED MULTI - MODAL CYCLISTS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	23	0.000	4	23	0.011	4	23	0.011
08:00 - 09:00	4	23	0.000	4	23	0.033	4	23	0.033
09:00 - 10:00	4	23	0.011	4	23	0.022	4	23	0.033
10:00 - 11:00	4	23	0.011	4	23	0.044	4	23	0.055
11:00 - 12:00	4	23	0.022	4	23	0.011	4	23	0.033
12:00 - 13:00	4	23	0.011	4	23	0.022	4	23	0.033
13:00 - 14:00	4	23	0.022	4	23	0.000	4	23	0.022
14:00 - 15:00	4	23	0.011	4	23	0.011	4	23	0.022
15:00 - 16:00	4	23	0.000	4	23	0.011	4	23	0.011
16:00 - 17:00	4	23	0.022	4	23	0.022	4	23	0.044
17:00 - 18:00	4	23	0.022	4	23	0.000	4	23	0.022
18:00 - 19:00	4	23	0.000	4	23	0.011	4	23	0.011
19:00 - 20:00	2	30	0.034	2	30	0.000	2	30	0.034
20:00 - 21:00	2	30	0.017	2	30	0.000	2	30	0.017
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.183			0.198			0.381

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.

Monday 14/11/22 Page 6 Licence No: 733701

### TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED MULTI - MODAL PEDESTRIANS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

		ARRIVALS			DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	23	0.033	4	23	0.110	4	23	0.143
08:00 - 09:00	4	23	0.055	4	23	0.341	4	23	0.396
09:00 - 10:00	4	23	0.154	4	23	0.187	4	23	0.341
10:00 - 11:00	4	23	0.110	4	23	0.044	4	23	0.154
11:00 - 12:00	4	23	0.088	4	23	0.099	4	23	0.187
12:00 - 13:00	4	23	0.066	4	23	0.110	4	23	0.176
13:00 - 14:00	4	23	0.154	4	23	0.132	4	23	0.286
14:00 - 15:00	4	23	0.088	4	23	0.132	4	23	0.220
15:00 - 16:00	4	23	0.330	4	23	0.110	4	23	0.440
16:00 - 17:00	4	23	0.253	4	23	0.165	4	23	0.418
17:00 - 18:00	4	23	0.264	4	23	0.099	4	23	0.363
18:00 - 19:00	4	23	0.143	4	23	0.231	4	23	0.374
19:00 - 20:00	2	30	0.356	2	30	0.288	2	30	0.644
20:00 - 21:00	2	30	0.203	2	30	0.153	2	30	0.356
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.297			2.201			4.498

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.

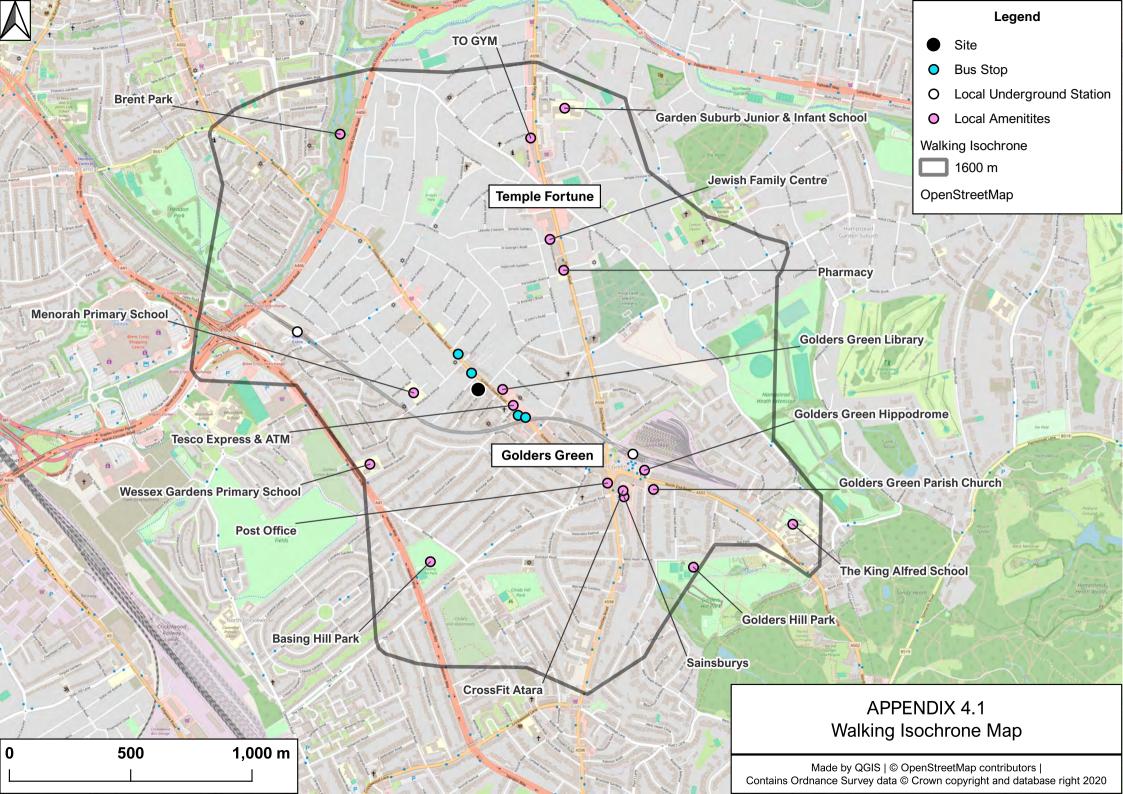
### TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED MULTI - MODAL PUBLIC TRANSPORT USERS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

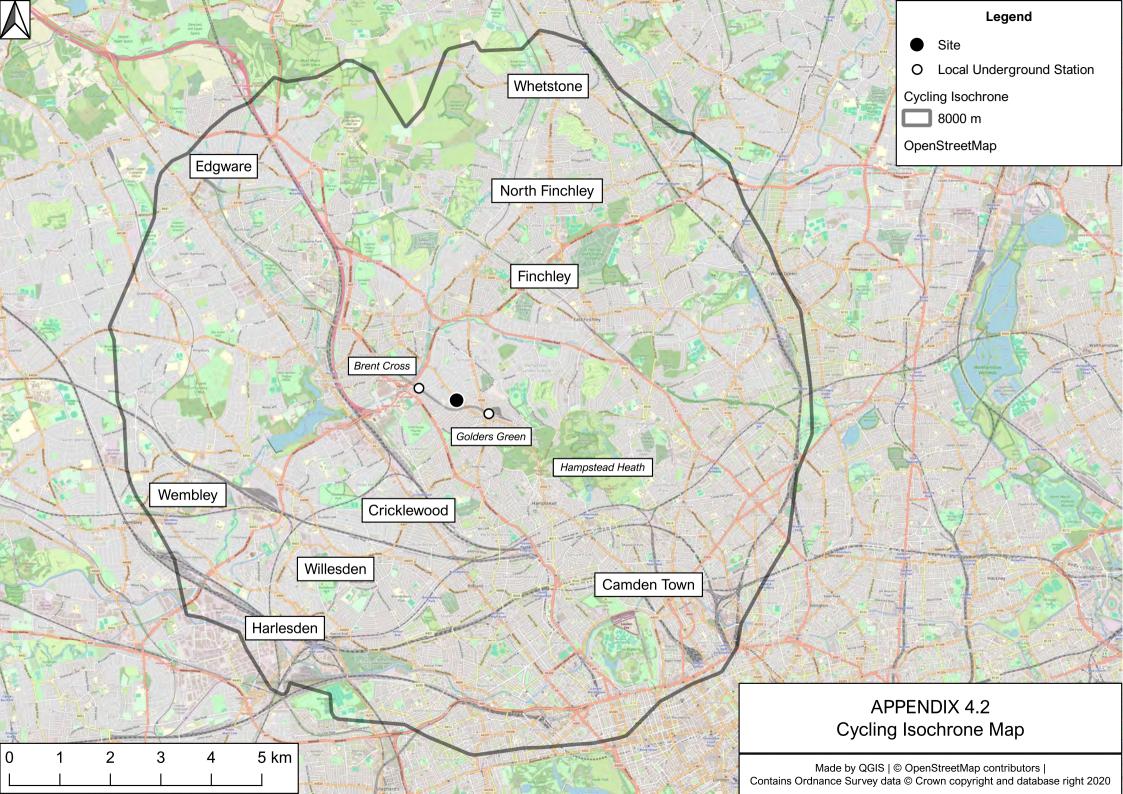
		ARRIVALS			DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	Rate
00:00 - 01:00	_			_			-		
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	23	0.022	4	23	0.220	4	23	0.242
08:00 - 09:00	4	23	0.033	4	23	0.209	4	23	0.242
09:00 - 10:00	4	23	0.000	4	23	0.110	4	23	0.110
10:00 - 11:00	4	23	0.033	4	23	0.011	4	23	0.044
11:00 - 12:00	4	23	0.000	4	23	0.110	4	23	0.110
12:00 - 13:00	4	23	0.044	4	23	0.055	4	23	0.099
13:00 - 14:00	4	23	0.066	4	23	0.033	4	23	0.099
14:00 - 15:00	4	23	0.044	4	23	0.044	4	23	0.088
15:00 - 16:00	4	23	0.022	4	23	0.066	4	23	0.088
16:00 - 17:00	4	23	0.121	4	23	0.011	4	23	0.132
17:00 - 18:00	4	23	0.165	4	23	0.044	4	23	0.209
18:00 - 19:00	4	23	0.110	4	23	0.033	4	23	0.143
19:00 - 20:00	2	30	0.169	2	30	0.051	2	30	0.220
20:00 - 21:00	2	30	0.119	2	30	0.000	2	30	0.119
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.948			0.997			1.945

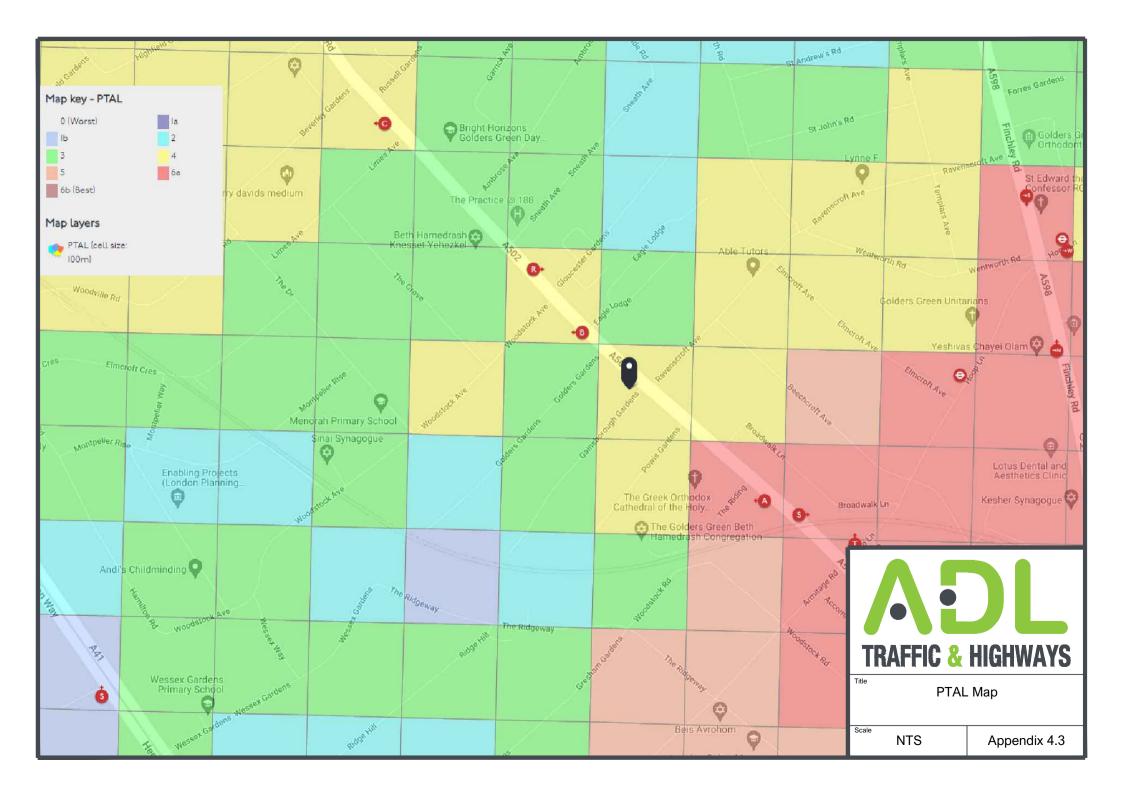
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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.

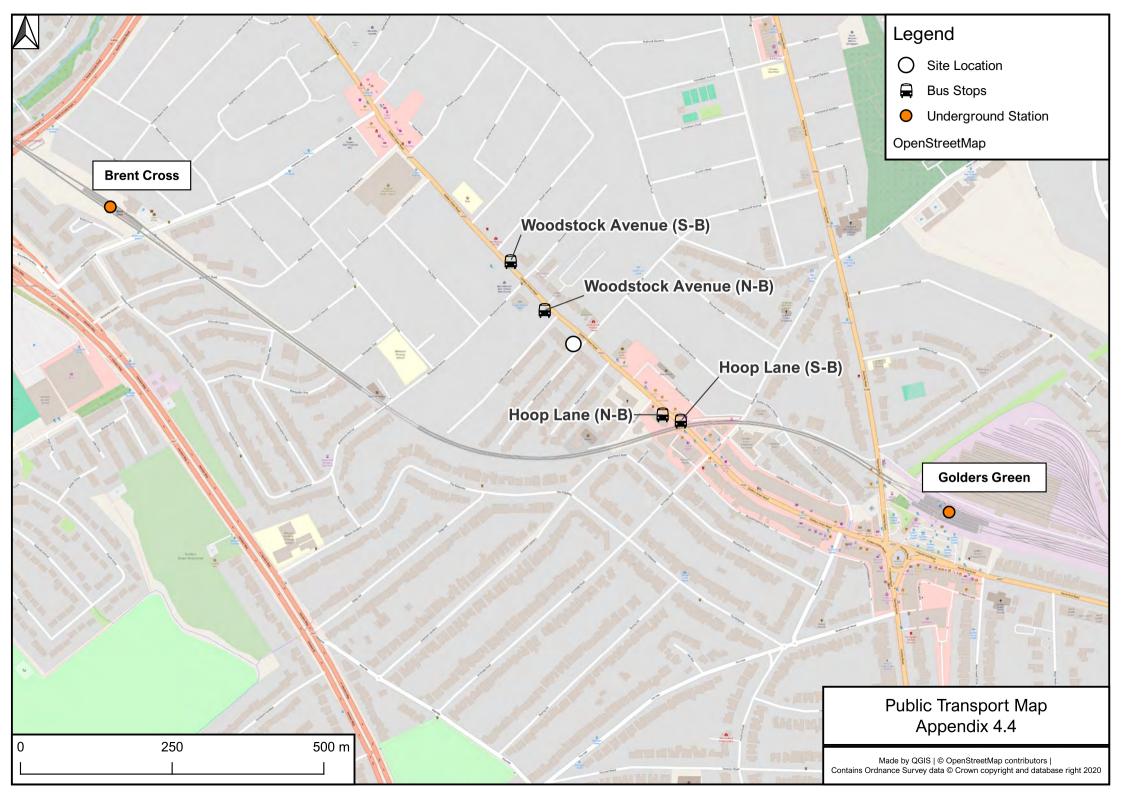
### ACCESSIBILITY

4.1	Walking Isochrone Map
4.2	Cycling Isochrone Map
4.3	PTAL Map
4.4	Public Transport Map



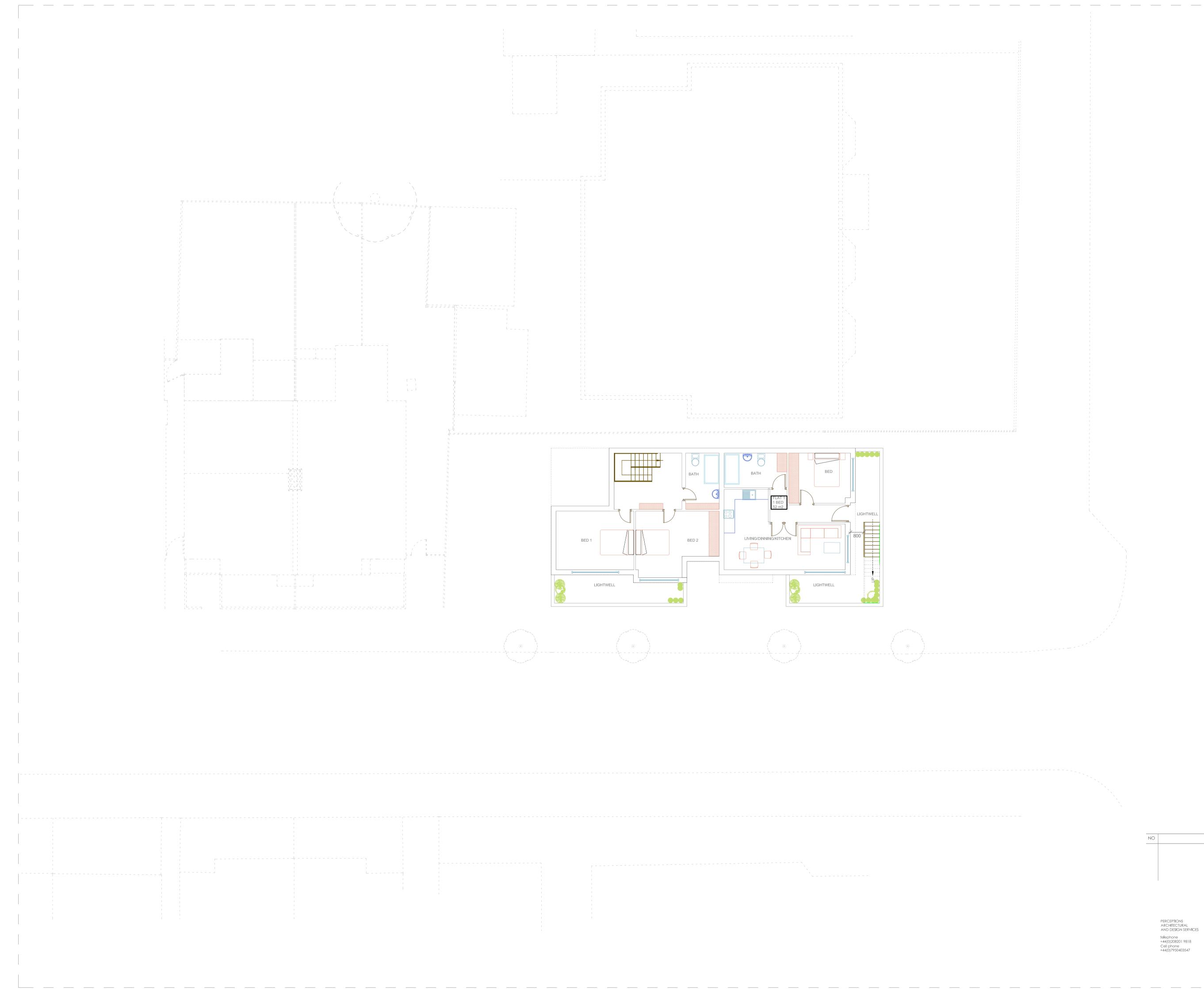




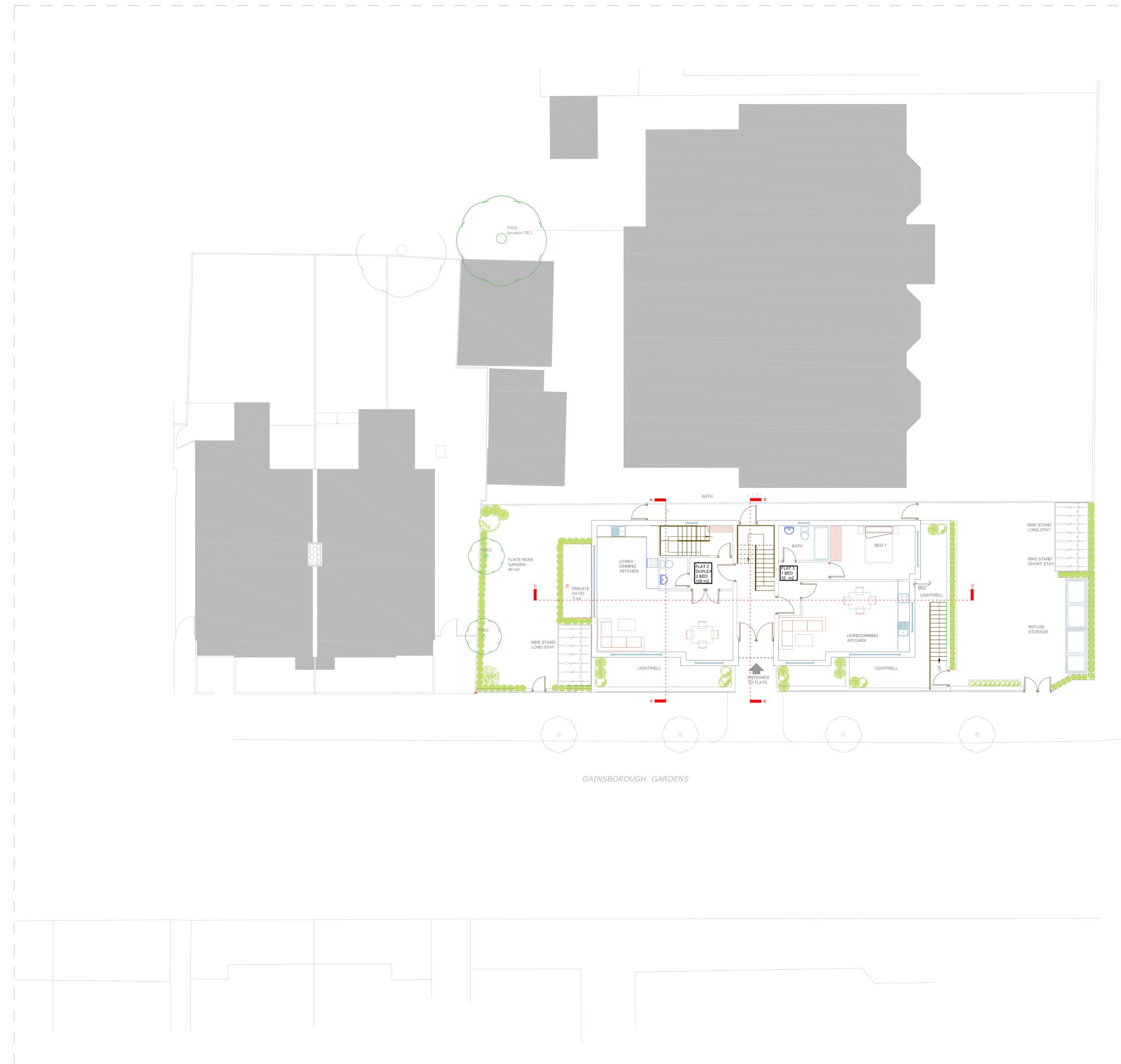


### APPENDIX 5.0

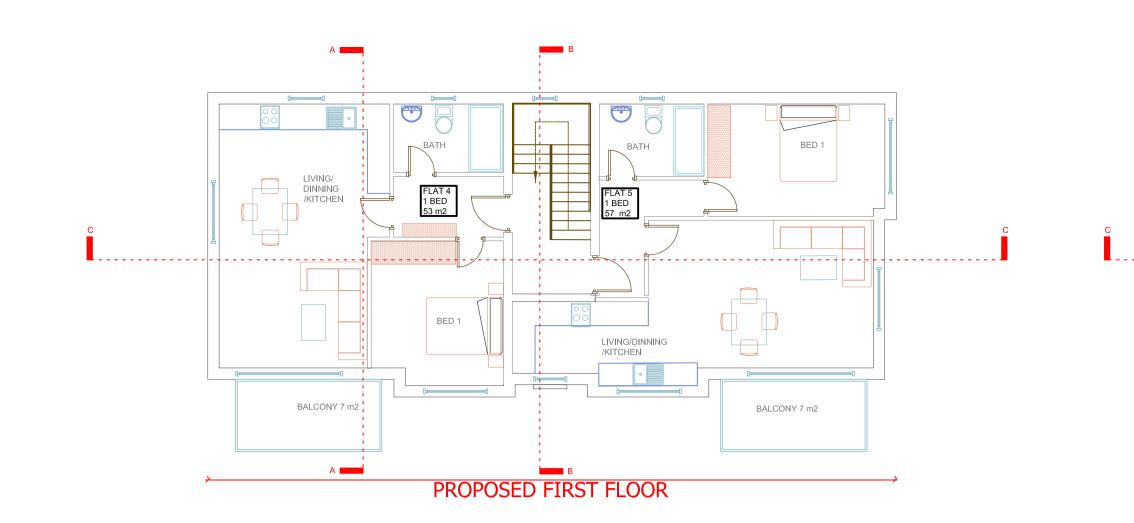
PROPOSED FLOOR PLANS

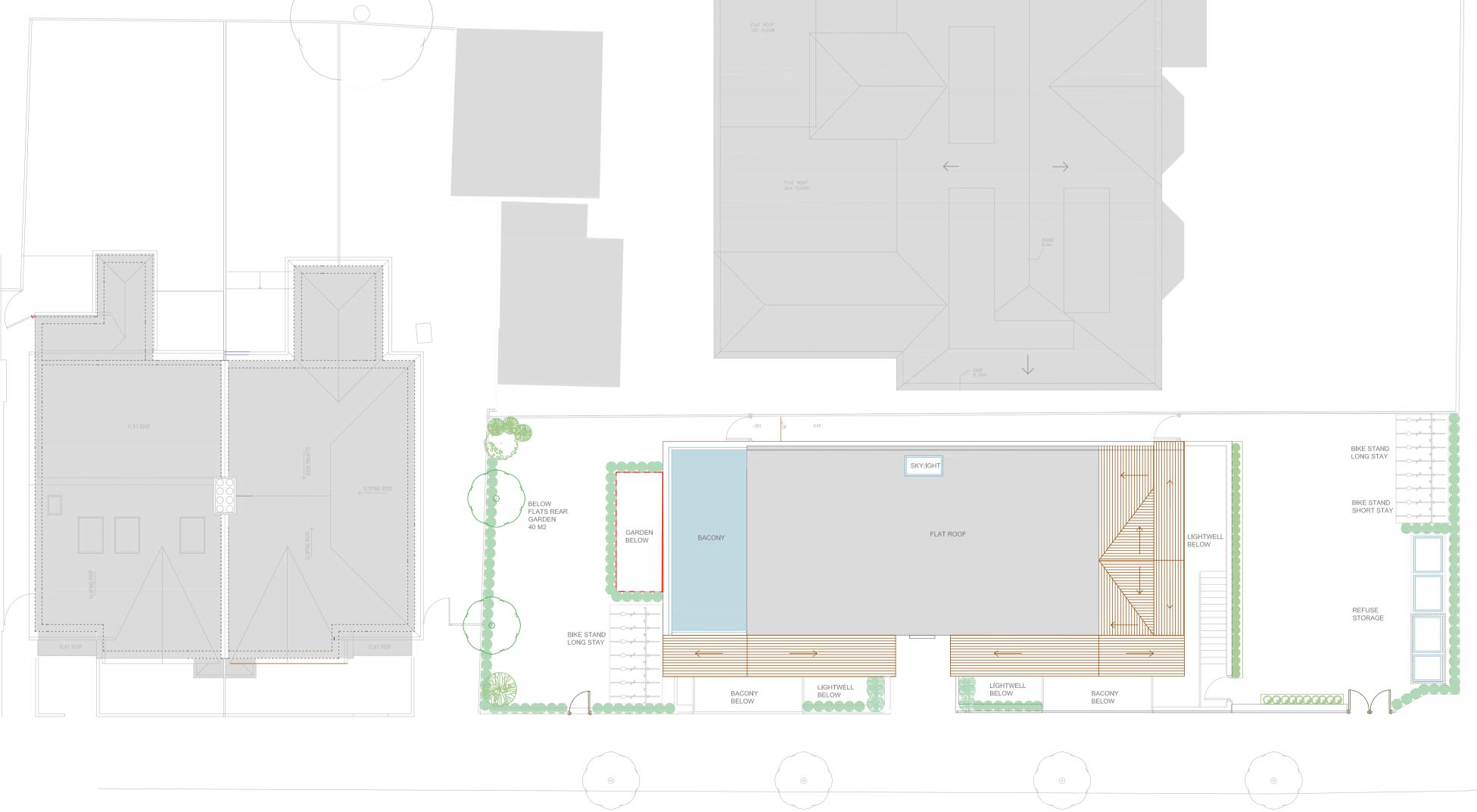


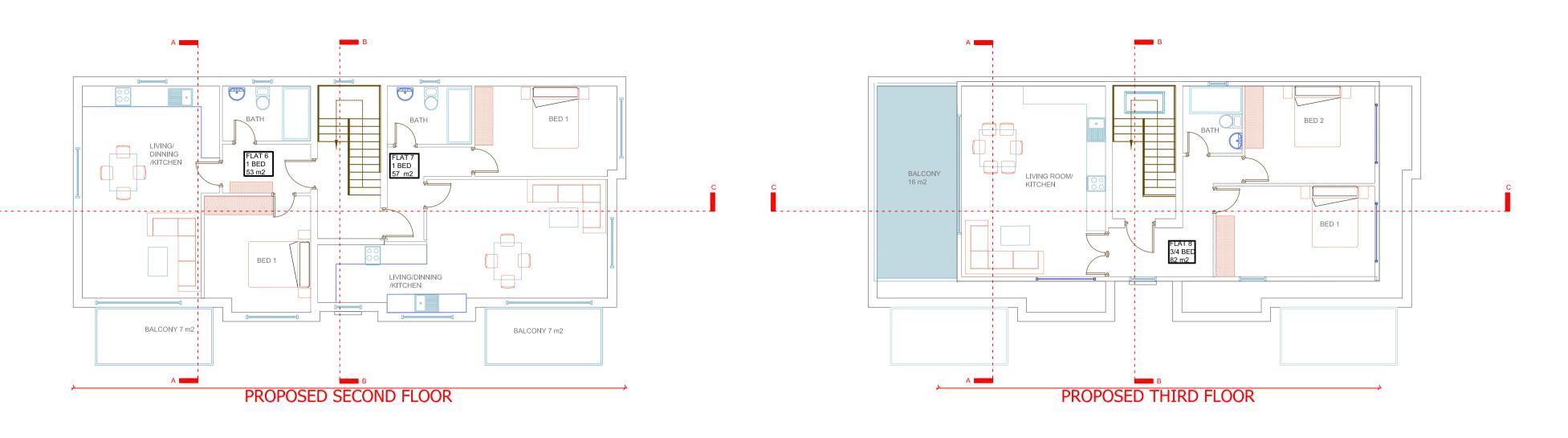
		A RM C	IRE RESIST ND INSUL PRY RISING SSCURE GL		TY NG
NO	DATE		G:		- - )AD
PERCEPTIONS ARCHITECTURAL AND DESIGN SERVICES telephone +44(0)208201 9818 Cell phone +44(0)7950403547	PERCEPTIONS	DRAW NO 1579 -1 		D BASEMENI DATE JULY 2023 DATE	_

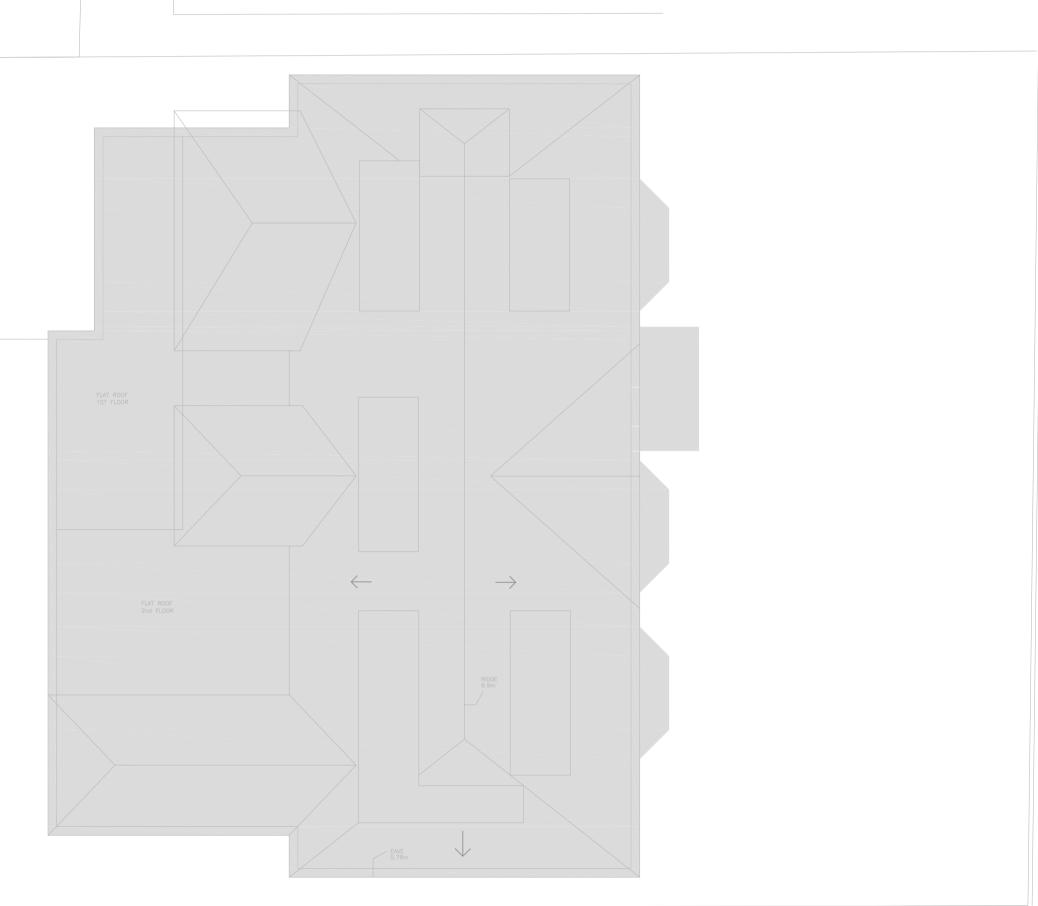


Q								
GOLDERS GREEN ROAD								
GOLDERS								
	NO		DATE		PLANN	NG APPL	CATION	-
						DAVID KO		 DAD
				- 2         	DRAWING	PROPOSE	D GROUND FL	_   OOR   _
	PERCEPTIO ARCHITEC AND DESI telephone +44(0)208 Cell phon +44(0)795	CTURAL GN SERVICES 201 9818	PERCEPTIONS		1579 - 2 STATUS	A1 1:100	JULY 2023 DATE	-







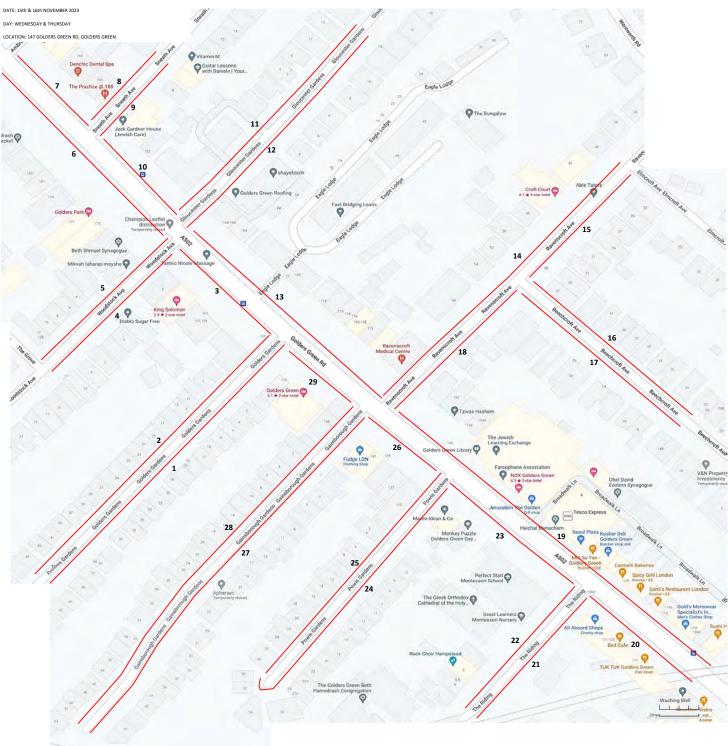


GAINSBOROUGH GARDENS



APPENDIX 6.0

PARKING SURVEY



DATE: 15th & 16th NOVEMBER 2023

#### DAY: WEDNESDAY & THURSDAY

LOCATION: 147 GOLDERS GREEN RD, GOLDERS GREEN.



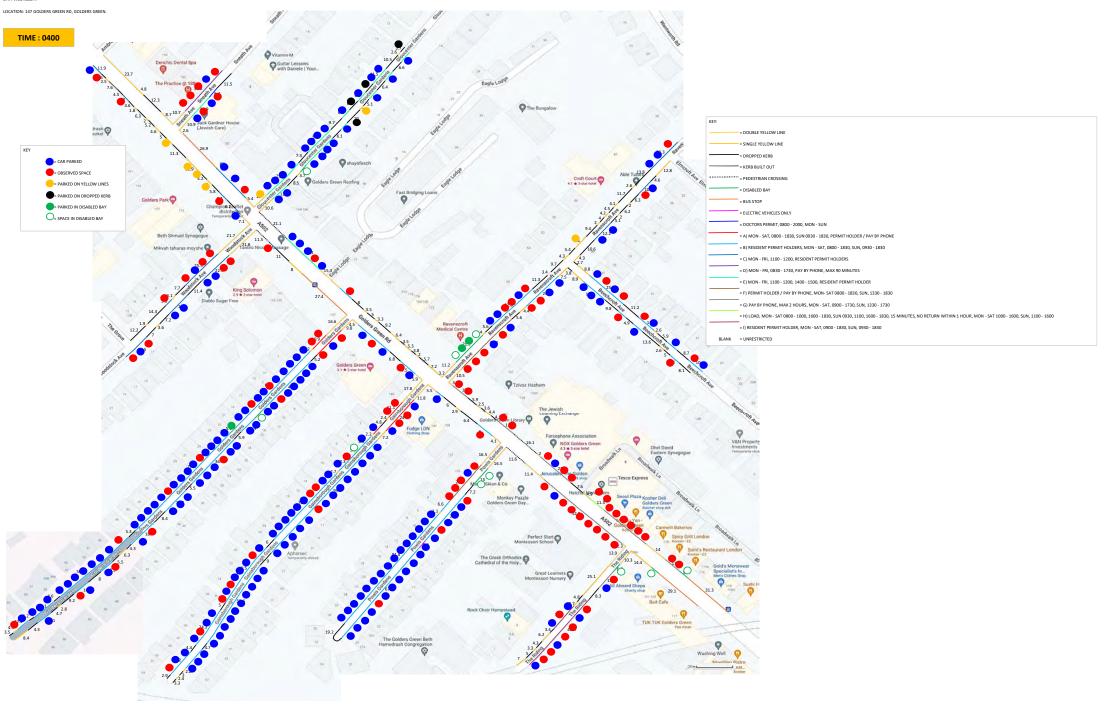
DATE: 15th & 16th NOVEMBER 2023

DAY: WEDNESDAY & THURSDAY	I RD, GOLDE	RS GREEN.				DAY 15th N 2023 TIME : 0400		
ROAD NAME	ROAD NAME ZONE RESTRICTION METRES							
		DOUBLE YELLOW LINE A) MON - SAT, 0800 - 1830, SUN 0930 - 1830, PERMIT HOLDER / PAY BY PHONE	9.8 22	4	1	0BSERVED SPACE	%RESTRICTION STRESS	
	1	DROPPED KER8 B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DISABLED BAY	61 160.4 5.7	29 1	21 0	5	80.8% 0.0%	
GOLDERS GARDEN		SINGLE YELLOW LINE DROPPED KERB	17.5 18.6					
	2	SINGLE YELLOW LINE B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DISABLED BAY	5.7 222.4 5.3	43	33	6	84.6% 100.0%	
		A) MON - SAT, 0800 - 1830, SUN 0930 - 1830, PERMIT HOLDER / PAY BY PHONE DOUBLE YELLOW LINE	10.9	2	0	2	0.0%	
		BUS STOP SINGLE YELLOW LINE	27.4					
GOLDERS GREEN ROAD	3	DROPPED KERB C) MON - FRI, 1100 - 1200, RESIDENT PENIT HOLDERS PEDESTRIAN CROSSING	11 4.9 11.5	1	0	1	0.0%	
	4	DOUBLE YELLOW LINE C) MON - FRI, 1100 - 1200, RESIDENT PERMIT HOLDERS	21.8	10	5	4	55.6%	
WOODSTOCK AVENUE		DROPPED KERB SINGE YELLOW LINE	25.6					
	5	DROPPED KERB SINGLE YELLOW LINE C] MON - FRI, 1100 - 1200, RESIGENT PERMIT HOLDERS	34.2 5 31.1	6	1	4	20.0%	
	1	DOUBLE YELLOW LINE DOUBLE YELLOW LINE	21.7 7.1					
	6	C) MON - FR, 1100 - 1200, RESIDENT PERMIT HOLDERS DROPPED KERB SINGLE VELLOW LINE	28.3 58.7 33.7	5	2	3	40.0%	
GOLDERS GREEN ROAD		KREB BULLT OUT DOUBLE YELLOW LINE	7.6					
	7	SINGLE YELLOW LINE DROPPED KERB	4.8 12.3					
	8	DOUBLE YELLOW LINE D) MON - FRI, 0830 - 1730, PAY BY PHONE, MAX 90 MINUTES DROPPED KERB	10.7 31.2 11.5	6	1	4	20.0%	
SNEATH AVENUE	9	DOCTORS PERMIT, 0800 - 2000, MON - SUN E) MON - FRI, 1100 - 1200, 1400 - 1500, RESIDENT PERMIT HOLDER	6.4 15.9	1 3	0	1	0.0% 66.7%	
		DOUBLE YELLOW LINE DOUBLE YELLOW LINE	10.9 8					
GOLDENS GREEN ROAD	10	BUS STOP C) MON - FRI, 1100 - 1200, RESIDENT PERMIT HOLDERS DUBLE VELLOW LINE	26.9 19.1 10	3	2	1	66.7%	
	11	E) MON - FRI, 1100 - 1200, 1400 - 1500, RESIDENT PERMIT HOLDER DROPPED KERB	68.6 43.1	12	12	0	100.0%	
GLOUCESTERS GARDENS		SINGLE YELLOW LINE E) MON - FRI, 1100 - 1200, 1400 - 1500, RESIDENT PERMIT HOLDER	2.6 56.7	10	10	0	100.0%	
	12	DROPPED KERB SINGLE YELLOW LINE DISABLE D BAY	42.7 7.2 5.5	1	1 1 0	1	0.0%	
		DOUBLE VELLOW LINE PEDESTRIAN CROSSING	10.6	-				
GOLDENS GREEN ROAD	13	C) MON - FRI, 1100 - 1200, RESIDENT PERMIT HOLDERS DOUBLE YELLOW LINE	24.3 18.5	4	4	1	80.0%	
		B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DROPPED KERB SINGELY PELICOW LINE	9.6 35.2 27.7	1	0	1	0.0%	
		DOUBLE YELLOW LINE DISABLE DAY	11.2 21.9	4	2	2	50.0%	
	14	SINGLE YELLOW LINE DROPPED KERB	27.7 75.4		1			
RAVENSCROFT AVENUE		B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 UNRESTRICTED C] MON - FRI, 1100 - 1200, RESIDENT PERMIT HOLDERS	32.8 3.4 22.3	6	3	3	50.0% 66.7%	
	15	SINGLE YELLOW LINE DROPPED KERB	21.1 32.8			-		
	16	C) MON - FRI, 1100 - 1200, RESIDENT PERMIT HOLDERS DROPPED KERB	22.9	4	3	1	75.0%	
BEECHCROFT AVENUE	16	SINGLE YELLOW LINE B) RESIDENT PERMIT HOLDES, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DROPPED KERB	11.4 52.7 45.2	10	5	4	55.6%	
	17	B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 SINGLE YELLOW LINE	34.4 11.5	6	4	2	66.7%	
RAVENSCROFT AVENUE	18	SINGLE YELLOW LINE B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DROPPED KERB	11.9 24 5.6	4	2	2	50.0%	
INVENSEROT AVENUE	10	F) PERMIT HOLDER / PAY BY PHONE, MON- SAT 0800 - 1830, SUN, 1330 - 1830 DUDBLE YELLOW LINE	36.4	7	2	4	33.3%	
		DOUBLE YELLOW LINE G) PAY BY PHONE, MAX 2 HOURS, MON - SAT, 0900 - 1730, SUN, 1330 - 1730	19 87.6	16	1	15	6.3%	
	19	DROPPED KERB SINGLE YELLOW LINE PEDESTRIAN CROSSING	21.2 11.8 16.1					
GOLDENS GREEN ROAD		FEDES I MARK CROSSING H) LOAD, MON - SAT 0800 - 1000, 1600 - 1830, SUN 0930, 1100, 1600 - 1830, 15 MINUTEN NO RETURN WITHIN 1 HOUR, MON - SAT 1000 - 1600, SUN, 1100 - 1600 DISABLED BAY	11.3	2	0	2	0.0%	
		BUS STOP BUS STOP	31.3 29.1					
	20	DISABLED BAY DOUBLE YELLOW LINE DOUBLE YELLOW LINE	5 14.4 10.3	1	0	1	0.0%	
	21	DISALED BAY G) PAY BY PHONE, MAX 2 HOURS, MON - SAT, 0900 - 1730, SUN, 1330 - 1730	6.7 13.6	1 2	0	1	0.0%	
THE RIDING		DROPPED KER8 I) RESIDENT PERMIT HOLDER, MON - SAT, 0900 - 1830, SUN, 0930 - 1830	8.3 45.4	9	3	5	37.5%	
	22	SINGLE YELLOW LINE DROPPED KER8 I) RESIDENT PERMIT HOLDER, MON - SAT, 0900 - 1830, SUN, 0930 - 1830	44.3 17.5 17.9	3	2	1	66.7%	
		DOUBLE YELLOW LINE DOUBLE YELLOW LINE	13.9 13.7					
GOLDENS GREEN ROAD	23	G) PAY BY PHONE, MAX 2 HOURS, MON - SAT, 0900 - 1730, SUN, 1330 - 1730 PEDESTRIAN CROSSING	52.8 11.6	10	1	8	11.1%	
	24	DOUBLE YELLOW LINE DISABLE D BAY DROPPED KERB	16.5 13 26.4	2	0	2	0.0%	
POWLS GARDENS		B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 ELECTRIC VEHICLES ONLY	102.5 5.6	20 1	14 1	3 0	82.4% 100.0%	
	25	B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830     SINGLE YELLOW LINE     EL DERMIT MODER / APV XP MAINE ANN. SAT ROPO. 1920. SUN 1320.	98.4 1.1	19	15	0	100.0%	
		F) PERMIT HOLDER / PAY BY PHONE, MON- SAT (880 - 1830, SUN, 1330 - 1830 DOUBLE YELLOW LINE DOUBLE YELLOW LINE	27.8 16.5 9.6	5	1	4	20.0%	
GOLDENS GREEN ROAD	26	B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 DROPPED KERB	10.8 12.4	2	1	1	50.0%	
		SINGLE YELLOW LINE DOUBLE YELLOW LINE A) MANN CAT, 2000 CHINA 1000 CERTINA DI DED / DAV EV DUDNE	2.9 11.8					
	27	A) MON - SAT, 0800 - 1830, SUN 0930 - 1830, PERMIT HOLDER / PAY BY PHONE SINGLE YELLOW LINE B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830	24 11.8 168.7	4	2	2	50.0% 96.3%	
GAINSBOROUGH GARDENS	<u> </u>	DROPPED KERB DROPPED KERB	20 23.1					
	28	B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830 SINGLE YELLOW LINE DISABLE DRAY	172.7 7.3	32	20	8	71.4%	
		DISABLED BAY A) MON - SAT, 0800 - 1830, SUN 0930 - 1830, PERMIT HOLDER / PAY BY PHONE DUBLE YELLOW LINE	5.9 16.9 17.8	1 3	0	2	0.0% 33.3%	
GOLDENS GREEN ROAD	29	DOUBLE YELLOW LINE B) RESIDENT PERMIT HOLDERS, MON - SAT, 0800 - 1830, SUN, 0930 - 1830	10.4 30.1	5	3	2	60.0%	
<u> </u>	<u> </u>	DROPPED KERB	6.8					

	AY 16th NO 2023 TIME : 0345	
%RESTRICTION STRESS	OBSERVED SPACE	PARKED
0.0%	4	0
76.9%	6 1	20 0
0.0%	1	U
87.5%	5	35
100.0%	0	1
0.0%	1	0
0.0%	1	U
55.6%	4	5
16.7%	5	1
80.0%	1	4
0.0%	6	0
0.0%	1	0
100.0%	0	3
66.7%	1	2
100.0%	0	12 1
100.0%	0	10
0.0%	1	1 0
75.0%	1	3
0.0%	1	0
0.0%	4	0
0.0%		2
60.0%	2	3
25.0%	3	1
50.0%	2	2
55.6%	4	5
66.7%	2	4
50.0%	2	2
16.7%	5	1
0.0%	16	0
0.0%	2	0
0.0%	1	0
0.0%	1	0
0.0%	1	0
0.0%	2	0
62.5%	3	5
66.7%	1	2
11.1%	8	1
11.1%	8	1
50.0%	1	1
70.6%	5 0	12 1
93.3%	1	14
40.0%	3	2
50.0%	1	1
50.0%	2	2
96.3%	1	26
82.1%	5	23
0.0%	1	0
33.3%	2	1

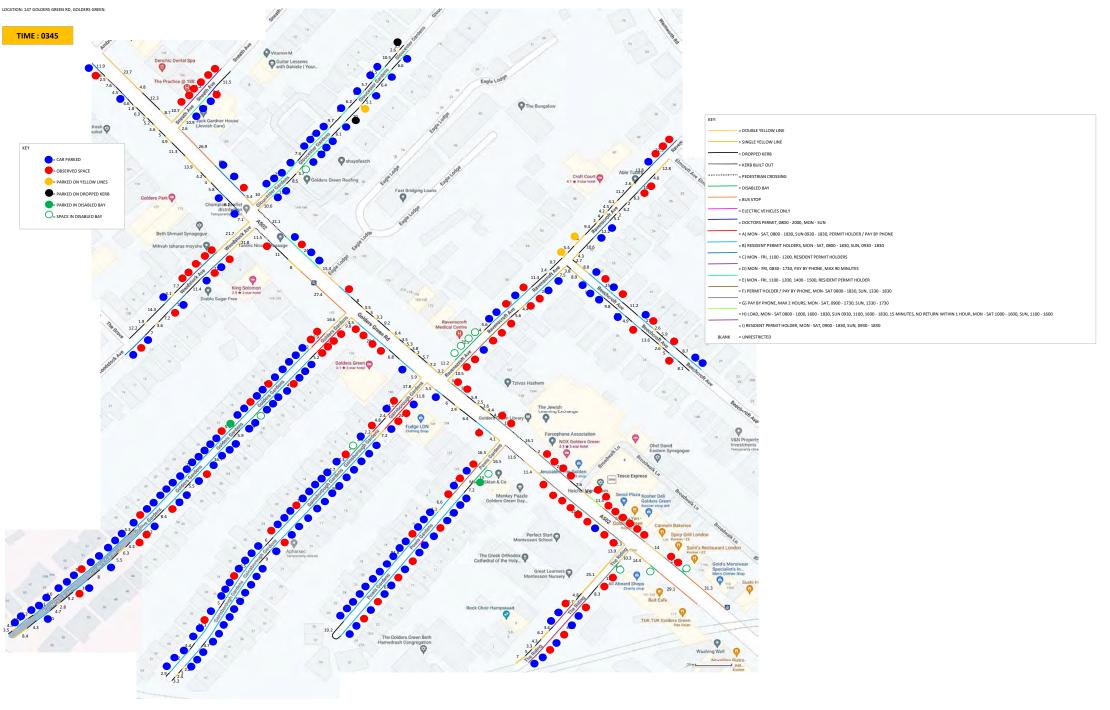
DATE: 15th NOVEMBER 2023

DAY: WEDNESDAY



DATE: 16th NOVEMBER 2023

DAY: THURSDAY



# APPENDIX 7.0

PROPOSED TRICS: FLATS (PRIVATELY OWNED)

Calculation Reference: AUDIT-733701-231207-1223

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL Category : C - FLATS PRIVATELY OWNED MULTI-MODAL TOTAL VEHICLES

Selected regions and areas: 01 GREATER LONDON

GRE	ATER LONDON	
BE	BEXLEY	1 days
HG	HARINGEY	1 days
KN	KENSINGTON AND CHELSEA	1 days
WF	WALTHAM FOREST	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: Actual Range: Range Selected by User:	No of Dwellings 30 to 97 (units: ) 6 to 100 (units: )						
Parking Spaces Range:	All Surveys Included						
Parking Spaces per Dwellin	ng Range: All Surveys Included						
Bedrooms per Dwelling Ra	inge: All Surveys Included						
Percentage of dwellings pr	ivately owned: All Surveys Included						
Public Transport Provision: Selection by:	Include all surveys						
Date Range: 01/01	1/08 to 09/06/22						
This data displays the rang included in the trip rate ca	ge of survey dates selected. Only surveys that were conducted within this date range are alculation.						
<u>Selected survey days:</u> Tuesday Wednesday Friday	1 days 2 days 1 days						
This data displays the num	nber of selected surveys by day of the week.						
<u>Selected survey types:</u> Manual count Directional ATC Count	4 days 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.							
<u>Selected Locations:</u> Edge of Town Centre Suburban Area (PPS6 Out	of Centre) 1						
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.							
<u>Selected Location Sub Cat</u> Residential Zone	t <u>egories:</u> 4						
This data diamlaria tha min	- han af arminer a new langting and anter any with in the antertail ant. The langting and anterprise						

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 12 days - Selected Servicing vehicles Excluded 10 days - Selected

Secondary Filtering selection:

<u>*Use Class:*</u> C3

4 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

Licence No: 733701

Secondary Filtering selection (Cont.):

Population within 1 mile:	
5,001 to 10,000	1 days
25,001 to 50,000	1 days
50,001 to 100,000	2 days

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

Population within 5 miles:	
125,001 to 250,000	1 days
500,001 or More	3 days

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

Cal	r ownership within 5 miles:	
0.6	to 1.0	

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.

<u>*Travel Plan:*</u> No

4 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.

<u>PTAL Rating:</u>	
3 Moderate	1 days
4 Good	1 days
5 Very Good	2 days

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

Yate, Bristol

LIST OF SITES relevant to selection parameters

Armstrong Way

ADL Traffic Engineering Ltd

1	BE-03-C-01 BLOCKS OF FLAT CROOK LOG BEXLEYHEATH	S	BEXLEY
2	Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i> HG-03-C-02 BLOCK OF FLATS HIGH ROAD WOOD GREEN WOODSIDE PARK Suburban Area (PPS6 Out of Centre)	79 <i>19/09/18</i>	<i>Survey Type: MANUAL</i> HARINGEY
3	Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i> KN-03-C-03 BLOCK OF FLATS ALLEN STREET KENSINGTON	30 <i>01/10/14</i>	<i>Survey Type: MANUAL</i> KENSINGTON AND CHELSEA
4	Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: FRIDAY</i> WF-03-C-01 BLOCKS OF FLAT ERSKINE ROAD WALTHAMSTOW	72 <i>11/05/12</i> S	<i>Survey Type: MANUAL</i> WALTHAM FOREST
	Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: TUESDAY</i>	97 <i>05/11/19</i>	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.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
WF-03-C-02	covid
WF-03-C-04	covid
WF-03-C-05	covid

Thursday 07/12/23 Page 5 Licence No: 733701

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED 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): 4.24

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	70	0.022	4	70	0.072	4	70	0.094
08:00 - 09:00	4	70	0.029	4	70	0.112	4	70	0.141
09:00 - 10:00	4	70	0.018	4	70	0.036	4	70	0.054
10:00 - 11:00	4	70	0.058	4	70	0.047	4	70	0.105
11:00 - 12:00	4	70	0.047	4	70	0.058	4	70	0.105
12:00 - 13:00	4	70	0.040	4	70	0.040	4	70	0.080
13:00 - 14:00	4	70	0.050	4	70	0.061	4	70	0.111
14:00 - 15:00	4	70	0.040	4	70	0.040	4	70	0.080
15:00 - 16:00	4	70	0.079	4	70	0.054	4	70	0.133
16:00 - 17:00	4	70	0.068	4	70	0.047	4	70	0.115
17:00 - 18:00	4	70	0.126	4	70	0.083	4	70	0.209
18:00 - 19:00	4	70	0.061	4	70	0.054	4	70	0.115
19:00 - 20:00	2	88	0.097	2	88	0.057	2	88	0.154
20:00 - 21:00	2	88	0.045	2	88	0.040	2	88	0.085
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:         0.780         0.801         1.581									

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

#### Parameter summary

Trip rate parameter range selected:	30 - 97 (units: )
Survey date date range:	01/01/08 - 09/06/22
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	3

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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

### TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED MULTI-MODAL CYCLISTS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	70	0.000	4	70	0.000	4	70	0.000
08:00 - 09:00	4	70	0.000	4	70	0.000	4	70	0.000
09:00 - 10:00	4	70	0.004	4	70	0.004	4	70	0.008
10:00 - 11:00	4	70	0.000	4	70	0.000	4	70	0.000
11:00 - 12:00	4	70	0.000	4	70	0.000	4	70	0.000
12:00 - 13:00	4	70	0.000	4	70	0.000	4	70	0.000
13:00 - 14:00	4	70	0.000	4	70	0.000	4	70	0.000
14:00 - 15:00	4	70	0.000	4	70	0.000	4	70	0.000
15:00 - 16:00	4	70	0.000	4	70	0.000	4	70	0.000
16:00 - 17:00	4	70	0.007	4	70	0.004	4	70	0.011
17:00 - 18:00	4	70	0.000	4	70	0.004	4	70	0.004
18:00 - 19:00	4	70	0.004	4	70	0.004	4	70	0.008
19:00 - 20:00	2	88	0.000	2	88	0.000	2	88	0.000
20:00 - 21:00	2	88	0.000	2	88	0.000	2	88	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.015			0.016			0.031

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.

Thursday 07/12/23 Page 7 Licence No: 733701

### TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED MULTI - MODAL PEDESTRIANS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	70	0.025	4	70	0.079	4	70	0.104
08:00 - 09:00	4	70	0.040	4	70	0.201	4	70	0.241
09:00 - 10:00	4	70	0.025	4	70	0.086	4	70	0.111
10:00 - 11:00	4	70	0.047	4	70	0.076	4	70	0.123
11:00 - 12:00	4	70	0.061	4	70	0.068	4	70	0.129
12:00 - 13:00	4	70	0.061	4	70	0.032	4	70	0.093
13:00 - 14:00	4	70	0.061	4	70	0.061	4	70	0.122
14:00 - 15:00	4	70	0.065	4	70	0.047	4	70	0.112
15:00 - 16:00	4	70	0.173	4	70	0.065	4	70	0.238
16:00 - 17:00	4	70	0.090	4	70	0.072	4	70	0.162
17:00 - 18:00	4	70	0.137	4	70	0.104	4	70	0.241
18:00 - 19:00	4	70	0.115	4	70	0.086	4	70	0.201
19:00 - 20:00	2	88	0.148	2	88	0.063	2	88	0.210
20:00 - 21:00	2	88	0.080	2	88	0.045	2	88	0.125
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.128			1.084			2.212

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.

### TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 1 DWELLS BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	;	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	4	70	0.011	4	70	0.162	4	70	0.173
08:00 - 09:00	4	70	0.025	4	70	0.266	4	70	0.291
09:00 - 10:00	4	70	0.032	4	70	0.101	4	70	0.133
10:00 - 11:00	4	70	0.050	4	70	0.068	4	70	0.118
11:00 - 12:00	4	70	0.043	4	70	0.047	4	70	0.090
12:00 - 13:00	4	70	0.043	4	70	0.022	4	70	0.065
13:00 - 14:00	4	70	0.032	4	70	0.061	4	70	0.093
14:00 - 15:00	4	70	0.040	4	70	0.036	4	70	0.076
15:00 - 16:00	4	70	0.147	4	70	0.050	4	70	0.197
16:00 - 17:00	4	70	0.112	4	70	0.061	4	70	0.173
17:00 - 18:00	4	70	0.151	4	70	0.076	4	70	0.227
18:00 - 19:00	4	70	0.248	4	70	0.097	4	70	0.345
19:00 - 20:00	2	88	0.182	2	88	0.057	2	88	0.239
20:00 - 21:00	2	88	0.085	2	88	0.023	2	88	0.108
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.201			1.127			2.328

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.