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LAND NORTH OF THE CRESCENT,
ST IPPOLYTS, SG4 7RE

TRANSPORT STATEMENT

March 2026

Contents

- 1.0 INTRODUCTION & SITE CONTEXT
- 2.0 POLICY ASSESSMENT
- 3.0 TRIP GENERATION
- 4.0 SITE ACCESS, PARKING PROVISION, & SERVICING
- 5.0 SUMMARY

Figures

- 1. Site Location
- 2. Public Transport Accessibility Plan
- 3. Proposed Access
- 4 a-b. AutoTrack; Swept Path Analysis – Proposed On-Site Parking
- 5 a-b. AutoTrack; Swept Path Analysis – Refuse Collection Vehicle
- 6 a-b. Sightline Assessment

Appendices

- A Site Boundary Plan
- B Proposed Site Plan
- C TRICS Trip Generation Assessment
- D Topographical Survey

Ref: File path P:\ P3092 Land North of The Crescent Transport Statement March 2026

I.0 INTRODUCTION

- I.1 Paul Mew Associates is instructed by Hornbeam Homes Limited to provide professional advice on transport/highways matters in relation to the proposals at land north of The Crescent, St Ippolyts, Hitchin, SG4 7RE. The site boundary plan is shown in Appendix A of this report.
- I.2 The local planning authority is North Hertfordshire District Council. The local highway authority is Hertfordshire County Council.

Site Details

- I.3 The site currently comprises of a field to the north of The Crescent. The site is bound by houses on The Crescent and Mill Road to the south and west, a field to the north and the B656 London Road to the east. The site has an existing vehicle access onto the B656 London Road. This will be upgraded to meet the current highway authority standards. The site location is displayed in Figure 1 of this report.
- I.4 The B656 London Road is subject to a speed limit of 30mph.
- I.5 The surrounding area is predominantly residential and agricultural in character.
- I.6 The site is well connected to public transport nodes. London Road Crossroads bus stops are located approximately 100m and 200m to the south of the site. Buses operated by 'Centrebus' stop at these bus stops, these are the bus services 304, 314 and 315. There is a direct walking route to these bus stops along the B656 London Road, there is also a signalised pedestrian crossing point on London Road, located approximately 150 metres to the south of the site location.
- I.7 The nearest railway station to the site is Hitchin, which is served by trains on Great Northern and Thameslink networks. Hitchin station is an approximate 7 minute journey from the site by car, 11 minutes by bicycle or 22 minutes by bus (routes 314 / 315).

- I.8 Bus route 304 runs between Hitchin and St Albans, via Whitwell, Kimpton, Wheathampstead and Sandridge. Bus route 314 runs between Hitchin and Welwyn Garden City, via Codicote, Welwyn and Knightsfield. Bus route 315 also runs between Hitchin and Welwyn Garden City, via Whitwell, Kimpton, Codicote, Welwyn and Knightsfield.
- I.9 A map demonstrating the location of public transport nodes nearby the site is displayed in Figure 2 of this report.

Proposed Development

- I.10 The proposals comprise the development of the site to provide a total of five dwellings. The proposed schedule of accommodation is a total of three x four-bedroom, eight person dwellings and two x three-bedroom, six person dwellings. The proposed site plan is presented in Appendix B of this report.
- I.11 A total of ten parking spaces are allocated to the five dwellings. There are also five unallocated parking spaces provided on site for visitors of the dwellings.

Planning Application

- I.12 This Transport Statement has been prepared for a full planning submission, following a formal pre-application engagement with North Hertfordshire Council in January 2026 (ref. 25/02648/PRE).
- I.13 Relevant comments made within the formal pre-application advice with regards to highway and parking matters are extracted below for ease of reference:

"Highway and parking matters The proposed development will utilise the existing access albeit it will be upgraded to current highway authority standard. Cars should be able to enter and leave the site in forward gear and the required sight lines of 2.4m x 43m in both directions would look to be capable of being achieved as demonstrated in the highways technical note.

I am consider that more than one visitor space should be provided given the lack of available on street parking in the immediate vicinity of the site.

Refuse vehicle swept path drawings are included in the highways technical note which demonstrate that a refuse vehicle can enter and leave the site in forward gear. A pedestrian crossing point is located close to the junction with The Crescent which should assist new occupants getting to and from the opposite side of the road to reach the primary school and St. Ippolyts village. The highway authority may require however a similar facility northbound on London Road towards Hitchin.

It is noted that there is a relatively new gated vehicular access opposite the site leading into an agricultural field.

Formal pre-application advice from the Highway Authority should be considered prior to the submission of a planning application.

Please note that Hertfordshire County Council have adopted a Developer Contributions Planning Obligations document. Technical Appendix 1: Transport to this document sets out the rationale for requesting sustainable transport contributions from both commercial and residential developments with the Strand 2 contribution being set at £9,861 per dwelling."

- 1.14 The following chapter provides an assessment of relevant transport policy considerations at the local, regional, and national levels.

2.0 POLICY ASSESSMENT

2.1 The National Planning Policy Framework (updated December 2024) sets out national policy. Chapter 9 of the NPPF relates to promotion of sustainable transport. For ease of reference the relevant key extracts have been copied herein:

"109. Transport issues should be considered from the earliest stages of plan-making and development proposals, using a vision-led approach to identify transport solutions that deliver well-designed, sustainable and popular places. This should involve:

- a) making transport considerations an important part of early engagement with local communities;*
- b) ensuring patterns of movement, streets, parking and other transport considerations are integral to the design of schemes, and contribute to making high quality places;*
- c) understanding and addressing the potential impacts of development on transport networks;*
- d) realising opportunities from existing or proposed transport infrastructure, and changing transport technology and usage – for example in relation to the scale, location or density of development that can be accommodated;*
- e) identifying and pursuing opportunities to promote walking, cycling and public transport use; and*
- f) identifying, assessing and taking into account the environmental impacts of traffic and transport infrastructure – including appropriate opportunities for avoiding and mitigating any adverse effects, and for net environmental gains.*

112. If setting local parking standards for residential and non-residential development, policies should take into account:

- a) the accessibility of the development;*
- b) the type, mix and use of development;*
- c) the availability of and opportunities for public transport;*
- d) local car ownership levels; and*
- e) the need to ensure an adequate provision of spaces for charging plug-in and other ultra-low emission vehicles*

115. In assessing sites that may be allocated for development in plans, or specific applications for development, it should be ensured that:

- a) sustainable transport modes are prioritised taking account of the vision for the site, the type of development and its location;*
- b) safe and suitable access to the site can be achieved for all users;*
- c) the design of streets, parking areas, other transport elements and the content of associated standards reflects current national guidance, including the National Design Guide and the National Model Design Code⁴⁸; and*

d) any significant impacts from the development on the transport network (in terms of capacity and congestion), or on highway safety, can be cost effectively mitigated to an acceptable degree through a vision-led approach.

116. 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, following mitigation, would be severe, taking into account all reasonable future scenarios."

2.2 At the local level, the North Hertfordshire Local Plan 2011-2031 was adopted on 8th November 2022 and replaces the saved policies of the District Plan Second Review with Alterations.

2.3 Chapter seven of North Hertfordshire's adopted Local Plan relates to Transport. Policies T1 and T2 which relate to 'assessment of transport matters' and 'parking' respectively, are extracted below for ease of reference:

"Policy T1: Assessment of transport matters

Planning permission will be granted provided that:

- a) Development would not lead to highway safety problems or cause unacceptable impacts upon the highway network;*
- b) Mechanisms to secure any necessary sustainable transport measures and / or improvements to the existing highway network are secured in accordance with Policy SP7;*
- c) Suitable Transport Statements, Transport Assessments and / or Travel Plans along with supporting documents are provided where required; and*
- d) For major developments, applicants demonstrate (as far as is practicable) how:*
 - i. the proposed scheme would be served by public transport;*
 - ii. safe, direct and convenient routes for pedestrians and cyclists will be provided; and*
 - iii. comprehensive integration into the existing pedestrian and cycle, public transport and road networks will be secured.*

Policy T2: Parking

Planning permission will be granted provided that:

- a) Parking for residential development is provided in accordance with the minimum standards set out in Appendix 4 of this Plan;*
- b) Parking for non-residential development is provided having regard to the standards for non-residential development set out in the relevant Supplementary Planning Document;*
- c) Proposals have regard to relevant Supplementary Planning Documents, strategies or advice and;*
- d) Applicants clearly identify how they provide for all likely types of parking demand and demonstrate that parking will be safe and of a design and layout that will function satisfactorily.*

Variations from these standards will only be considered where applicants can demonstrate that the accessibility, type, scale, mix and use of the development; the availability of and opportunities for public transport; local car ownership levels; and on-street conditions justify such variations."

- 2.4 The parking standards which will be applied to the proposals are therefore set out in Appendix 4 of the adopted local plan. These are also extracted below for ease:

Appendix 4: Car Parking Standards

Residential Parking Standards

Class Use C3	Car Parking Standard	Minimum Cycle Parking Standard
1 bedroom	1 space per dwelling minimum	1 secure covered space per dwelling. None if garage or secure area provided within curtilage of dwelling
2 – 3 bedrooms	2 spaces per dwelling minimum	
Retirement developments (e.g. warden assisted independent living accommodation)	1 space per dwelling minimum	1 secure and covered space for residents per 5 units.

"The above standards will also require visitor / unallocated parking as set out below to be added. Garages will be counted towards meeting the standards only if they are at least 7m x 3m measured internally. Reductions from these standards will only be considered where applicants can demonstrate that the accessibility, type, scale, mix and use of the development; the availability of and opportunities for public transport; local car ownership levels; and on-street conditions justify such variations."

- 2.5 As referenced above, the document also sets out requirements for visitor / unallocated parking. The standards for visitor / unallocated parking are also copied below:

Visitor/Unallocated Parking

Class Use C3	Car Parking Standard	Minimum Cycle Parking Standard
Visitor / unallocated	Between 0.25 and 0.75 spaces per dwelling (rounded up to nearest whole number) with the higher standard being applied where there are no garages in the schemes and the lower standard applied where every dwelling in the scheme is to be provided with a garage	For above C3 general housing - if no garage or secure area is provided within curtilage of dwelling then 1 covered and secure space per dwelling in a communal area for visitors For C3 retirement developments - 1 covered and secure visitor space per 3 units

"For the above visitor and unallocated parking standards, reductions in provision will be considered where:

- 1. Alternative publicly available off-street parking is available within 2 minutes' walk of the site;*
- 2. Visitor parking arising from small-scale (i.e. infill) development can be accommodated on-street without compromising highway safety, the amenity of existing residents or the ability for businesses to operate; or*
- 3. Relevant evidence is submitted by the applicant which supports a reduction in standard and considers existing and future car ownership and likely visitor demand."*

- 2.6 In accordance with the standards set out above, the proposed development must provide a minimum of 10 car parking spaces for the five residential units and a between of one and four unallocated parking space for visitors.
- 2.7 The proposed 15 car parking spaces (including five unallocated / visitor parking spaces) for the residential units is therefore compliant with the North Hertfordshire Local Plan for allocated parking spaces. With regards to visitor parking, the provision exceeds the standard by one space, this allows for a ratio of 1:1 for dwellings to visitor parking spaces. This is deemed an appropriate provision, based on the council's pre-application comments and concern regarding the lack of on-street parking opportunities within the vicinity of the site.
- 2.8 As garages are proposed, cycle parking spaces will be provided within the garages, this is also compliant with the minimum cycle parking standards set out in Appendix 4 of the North Hertfordshire Local Plan (2011-2031).
- 2.9 As demonstrated in the following chapters of this report, the proposed car parking provision on-site will be sufficient to accommodate the projected demand for parking. The proposals are therefore expected to have no impact on the demand for kerbside parking opportunities on roads nearby the site.

3.0 TRIP GENERATION

- 3.1 This chapter presents the results of a multi-modal trip generation assessment of the existing and the proposed site uses and the potential impacts of the development on the adjoining highway principally with respect to highway safety.
- 3.2 In order to demonstrate the likely multi-modal trip movements associated with the site's proposed use the industry standard TRICS (Trip Rate Information Computer System) database has been consulted. For the C3 'Dwelling houses' land use, multi-modal surveys within the 03-Residential, A-Houses Privately Owned TRICS dataset have been examined.
- 3.3 The TRICS database contains trip rate information for various site uses across the UK which, when used correctly, can offer a highly accurate level of predicted trips in relation to a proposed development.
- 3.4 The results in Table 1 present multi-modal trip rate projections per dwelling for the site's proposed use as derived from TRICS, full details of the TRICS assessment are contained in Appendix C of this report.

Table 1. Multi-Modal Trip Generation Assessment; Trip Rate per Dwelling

Mode of Travel	TRICS Derived Trip Rate by Mode - Per Dwelling								
	0800-0900			1700-1800			0700-2100		
	Arr'	Dep'	Tot'	Arr'	Dep'	Tot'	Arr'	Dep'	Tot'
Rail/Underground	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.02	0.03
Bus	0.00	0.03	0.03	0.01	0.00	0.02	0.09	0.09	0.18
Pedestrian	0.04	0.11	0.15	0.05	0.04	0.09	0.47	0.48	0.94
Cyclist	0.01	0.02	0.02	0.01	0.01	0.02	0.06	0.07	0.13
Taxi	0.01	0.01	0.01	0.00	0.00	0.01	0.04	0.04	0.08
Cars	0.13	0.34	0.47	0.30	0.15	0.45	2.08	1.99	4.07
Motorcycles	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03
Vehicle Occupants	0.18	0.61	0.80	0.48	0.23	0.71	3.33	3.27	6.60
Total	0.36	1.12	1.48	0.86	0.44	1.30	6.10	5.97	12.07

Source: TRICS version 8.25.12

- 3.5 Table 2 below applies the derived trip rate per dwelling to the proposed site use for a total of five dwellings.

Table 2. Multi-Modal Trip Generation Assessment; Trip Rate for Five Dwellings

Mode of Travel	TRICS Derived Trips by Mode - Proposed 5 Dwellings								
	0800-0900			1700-1800			0700-2100		
	Arr'	Dep'	Tot'	Arr'	Dep'	Tot'	Arr'	Dep'	Tot'
Rail/Underground	0	0	0	0	0	0	0	0	0
Bus	0	0	0	0	0	0	0	0	1
Pedestrian	0	1	1	0	0	0	2	2	5
Cyclist	0	0	0	0	0	0	0	0	1
Taxi	0	0	0	0	0	0	0	0	0
Cars	1	2	2	2	1	2	10	10	20
Motorcycles	0	0	0	0	0	0	0	0	0
Vehicle Occupants	1	3	4	2	1	4	17	16	33
Total	2	6	7	4	2	6	30	30	60

Source: TRICS version 8.25.12

- 3.6 The data in Table 2 illustrates that the proposed use of the site is projected to generate 60 total two-way movements over the course of a typical weekday from 0700-2100. The data illustrates that more than half of the trips generated by the proposed site are likely to be vehicle trips.
- 3.7 The peak periods are also shown (08:00-09:00 and 17:00-18:00), it is projected that there will be a total of seven and six respective total two-way movements during these peak periods.
- 3.8 The traffic impact of the development is expected to be adequately accommodated on the adjoining highway. This is assessed further in the following sub-section of this chapter.
- 3.9 It is our professional view that the proposed scheme for five new dwellings on the site will not result in an unacceptable impact on highway safety, and the residual cumulative impacts on the road network will not be severe. The proposals are not projected to have any severe impact to local highway conditions in terms of capacity, safety and amenity.

4.0 SITE ACCESS, PARKING PROVISION, & SERVICING

- 4.1 To recap, the proposals comprise the development of the site to provide a total of five dwellings. The proposed schedule of accommodation is a total of three x four-bedroom, eight person dwellings and two x three-bedroom, six person dwellings

Access

- 4.2 As explained, the site is located on the B656 London Road, and has an existing vehicle access which is to be upgraded to meet the current highway authority standards.
- 4.3 On the west side of the B656 London Road, there is a footpath, which will provide pedestrian access to the site from the south. This allows for direct pedestrian access to High Street, via Waterdell Lane. There are a number of amenities located on High Street including pubs and a playground.
- 4.4 St Ippolyts Stores is a local convenience store which is located on Waterdell Lane and is also within a short walking distance of the site, to the south.
- 4.5 The presence of local amenities which are accessible on foot will reduce the need for vehicle trips made by future residents of the proposed development.
- 4.6 Appendix B of this report demonstrates the proposed vehicle access location to the site. The existing sub-station on site is to be unobstructed by the proposed development, access will be provided via the planned site entrance.
- 4.7 The site access road will adopt shared surface principles. In a street with a shared surface, demarcation is typically absent, and pedestrians and vehicles share the same surface. According to the Department for Transport (DfT) publication Manual for Streets (MfS) shared surface schemes work best in relatively calm traffic environments. The key aims (as defined by MfS) are to: encourage low vehicle

speeds, create an environment in which pedestrians can walk, stop, chat and promote social interaction.

4.8 According to MfS (paragraph 7.2.14), shared surfaces are ideal in the following circumstances:

- In short lengths, or where they form cul-de-sacs;
- Where the volume of motor traffic is below 100 vehicles per hour (vph) (peak); and
- Where parking is controlled or it takes place in designated areas.

4.9 The proposed development meets all of the criteria where shared surfaces are known to work best, as defined by MfS. The access road is both short and not a through-road, parking takes place in designated areas of the site and the expected volume of motor vehicle traffic per hour is below 100 vehicles per hour during the peak. Accordingly, the site access will be a safe and pleasant environment for the future occupiers and their visitors to use on-foot, in a wheelchair, or by bicycle.

4.10 A topographical survey has taken place at the site, the survey is presented in Appendix D of this report.

4.11 With regards to the gradient within the site, HCC guidance states that “the gradient (slope) of the driveway or parking area inside your property or the proposed dropped kerb itself must not be steeper than 1 in 10 (10%). Gradients steeper than this will not be approved on safety grounds as vehicles may lose control in adverse weather; it may cause your vehicle to ground and it may be unsafe for pedestrians using the pavement.”

4.12 The topographical survey demonstrates that adjacent to the proposed access from London Road, the first nine metres within the site have an approximate gradient of 11.5% (with a 1.08m rise over a 9.327m run). This exceeds the 10% set out in HCC guidance.

- 4.13 As a result, it is proposed that works will take place to level the land adjacent to the access within the site, to achieve the required gradient on this initial section of the access road where the gradient is currently steepest.
- 4.14 An illustrative diagram of the access and proposed tie-in with London Road is set out in Figure 3 of this report.

Servicing

- 4.15 A turning head for the refuse vehicle specification in 'Waste Storage & Collection Guidance for Developers' (North Herts and East Herts Council) has been accommodated within the site. This has been tested with a swept path assessment using the industry standard 'AutoTrack' software. The refuse vehicle specified in the guidance document is extracted below for ease of reference:

"We currently operate a number of different-sized vehicles. The majority that we operate at present are 26 tonnes with a 6x2 chassis. The chassis configuration differs between vehicles, but the largest turning circle is on our mid-steer vehicles. Typical maximum dimensions are as follows:

Width: 2,500mm (without mirrors)

Height: 3,400mm (without hazard beacons)

Turning circle: 22,800mm

Overall length: 12,100mm (from front to rear of bin lift)

ENHSWS reserve the right to refuse to make collections from require traveling on un-adopted roads. Where this is not possible developers should have a designated bin collection points that are on or next to roads that are build to adoptable standards. Appropriate collection points need to be agreed with ENHSWS."

- 4.16 The access road has also been designed in accordance with this guidance and therefore has a width of 5 metres.
- 4.17 With regards to refuse vehicles, the following comments are extracted from East and North Herts shared Waste Storage & Collection Guidance for Developers:

"Pull distances - ENHSWS reserves the right to refuse collections where pull distances for crews are greater than 10 metres. Pull distances should be under 10 metres from bin store to kerb collection point."

- 4.18 Figure 5a demonstrates the vehicle entering / exiting the site from / to London Road. The vehicle is shown to both enter and exit in a forward gear. Figure 5b demonstrates the vehicle turning within the site using the proposed turning head.
- 4.19 Residents will wheel their bins to the front of their dwellings on collection day to ensure compliance with the maximum pull distances from the refuse vehicle to the collection point.
- 4.20 The turning head would also accommodate access for delivery vehicles and emergency service vehicles.

Parking Provision

- 4.21 A total of 10 parking spaces are proposed for the dwellings. There are also five unallocated / visitor parking spaces proposed for the development.
- 4.22 A comprehensive swept path assessment has taken place to assess the proposed parking layout, using the industry-standard 'AutoTrack' software.
- 4.23 Figure 4a demonstrates the typical access and egress manoeuvres for the parking spaces allocated to the dwellings. Figure 4b demonstrates the typical access and egress manoeuvres for one of the visitor parking spaces.
- 4.24 All manoeuvres are shown to be comfortably achievable. The vehicle profile of the typical-sized family saloon car used for the purpose of the assessment is displayed on each of the swept path figures.
- 4.25 Cycle parking is provided within the garages for each dwelling, in accordance with Appendix 4 of the North Hertfordshire Local Plan.

Parking Demand

- 4.26 To further assist the application of the Council's parking standards, and to project the actual demand for parking generated by residential development in specific parts of the Borough, local ward census data from the most recent survey in 2021 has been researched.
- 4.27 The 'Middle Layer Super Output Area' has been selected to reflect a minimum size of 5,000 residents and 2,000 households adjoining the development site, thus giving an accurate reflection of car ownership levels in the immediate locality.
- 4.28 Table 3 presents the 2021 car or van ownership census data for the area adjoining the application site.

Table 3. Middle / Lower Output Area; Car or Van Ownership

RM001 - Accommodation type by car or van availability by number of usual residents aged 17 years or over in household	North Hertfordshire 014		North Hertfordshire 014B	
	MSOA (middle super output area)		LSOA (lower super output area)	
	Count	%	Count	%
All Categories: Car or Van Availability	3806	-	434	-
No Cars or Vans in Household	273	7%	40	9%
1 Car or Van in Household	1279	34%	133	31%
2 or More Cars or Vans in Household	2254	59%	261	60%

Source: Office for National Statistics.
Minor arithmetic errors due to rounding.

- 4.29 Applying the Middle Layer Super Output Area car or van ownership census data, the proposed five dwellings will generate demand for eight cars; refer to Table 4.

Table 4. Residential Car Ownership Projections

CPH	%	5 Dwellings	Total Cars
0	7%	0	0
1	34%	2	2
2	59%	3	6
Total	100%	5	8

Notes:

CPH = cars per household

% = middle layer car ownership data

5 dwellings = the proposed development
Total cars = the projected parking demand
Arithmetic errors are due to rounding's

- 4.30 The proposed level of parking provision for the residential units is therefore projected to accommodate 100% of the parking demand generated by the new dwellings.
- 4.31 The development is therefore not expected to contribute to demand for overspill parking locally.

Sightlines

- 4.32 As stated, the B656 London Road is subject to a speed limit of 30mph. With regard to stopping sight distances, Manual for Streets states: *"This section provides guidance on stopping sight distances (SSDs) for streets where 85th percentile speeds are up to 60 km/h (37.5mph). At speeds above this, the recommended SSDs in the Design Manual for Roads and Bridges (DMRB) may be more appropriate."*
- 4.33 As the speed limit falls below the 37.5mph threshold on the B656 London Road, the Manual for Streets prescribed stopping sight distances (SSDs) have been applied.
- 4.34 Table 7.1 of Manual for Streets (2007) demonstrates the effect of speed on stopping sight distances (SSD). The table is extracted below for reference.

Table 7.1 Derived SSDs for streets (figures rounded).

Speed	Kilometres per hour	16	20	24	25	30	32	40	45	48	50	60
	Miles per hour	10	12	15	16	19	20	25	28	30	31	37
SSD (metres)		9	12	15	16	20	22	31	36	40	43	56
SSD adjusted for bonnet length. See 7.6.4		11	14	17	18	23	25	33	39	43	45	59

4.35 Using Manual for Streets to derive stopping sight distances, a speed of 30mph requires a desirable stopping distance of 43 metres (adjusted for bonnet length).

4.36 Guidance from Manual for Streets regarding the 'X distance' for visibility splays is copied below for ease of reference:

"X distance

7.7.6 An X distance of 2.4 m should normally be used in most built-up situations, as this represents a reasonable maximum distance between the front of the car and the driver's eye.

7.7.7 A minimum figure of 2 m may be considered in some very lightly-trafficked and slow-speed situations, but using this value will mean that the front of some vehicles will protrude slightly into the running carriageway of the major arm. The ability of drivers and cyclists to see this overhang from a reasonable distance, and to manoeuvre around it without undue difficulty, should be considered."

4.37 A 2.4 metre set-back has therefore been applied as London Road in proximity of the site access is neither considered a 'very lightly-trafficked' or 'slow speed' situation.

4.38 Refer to Figure 6a for the sightline plot and required visibility splay looking to the north of the proposed site access. A sightline of 43 metres is shown. The required visibility splay crosses land within the site boundary and highway land only.

4.39 Refer to Figure 6b for the sightline plot and required visibility splay looking to the south of the proposed site access. A sightline of 43 metres is shown. The required visibility splay also crosses land within the site boundary and highway land only.

4.40 It will be ensured that there are no obstructions to the required visibility splays within the boundary, any vegetation will be maintained below a height of 0.6 metres.

4.41 It can therefore be concluded that the required visibility splays for vehicles emerging onto London Road from the site are achievable.

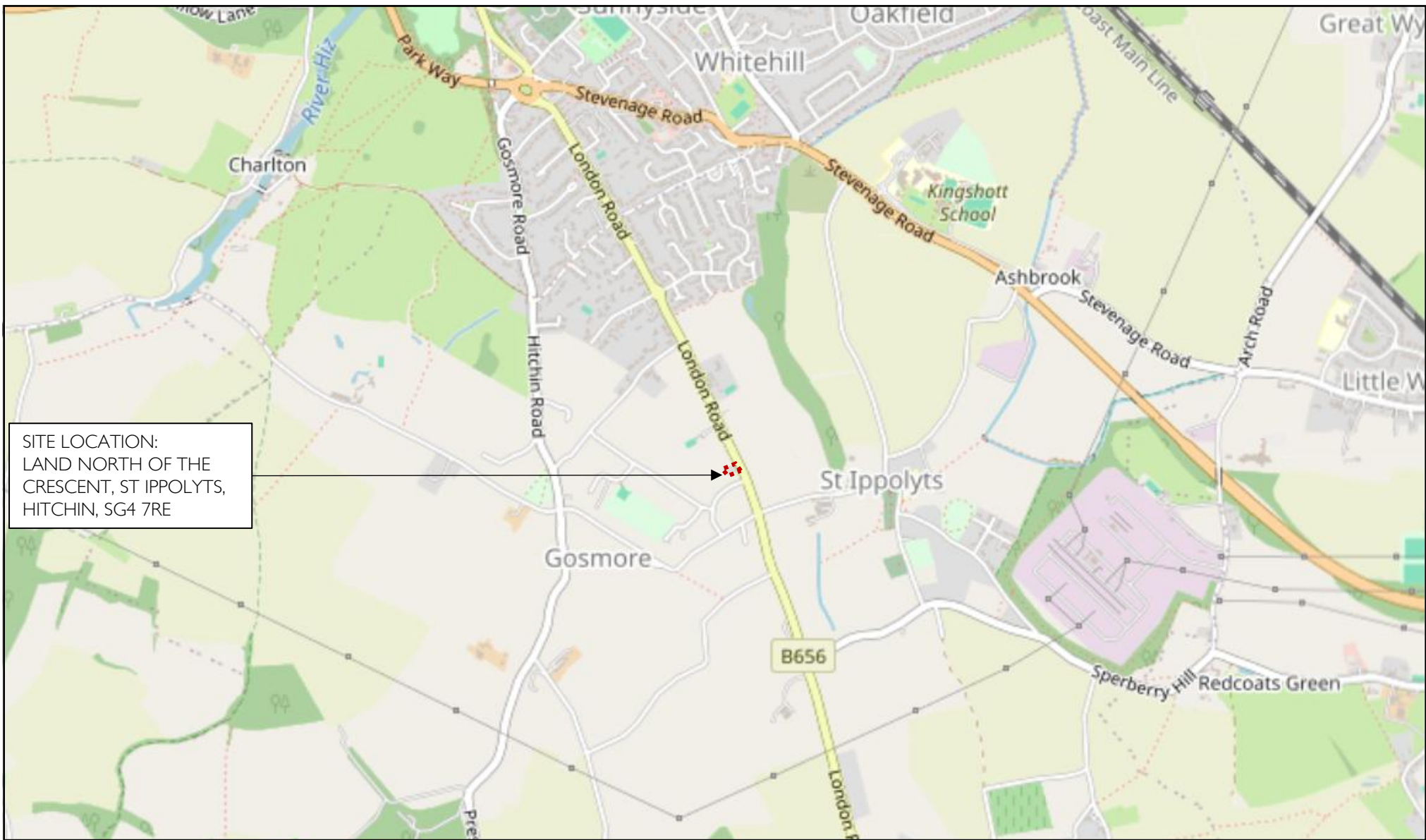
- 4.42 It is therefore concluded that the proposals are acceptable from an access, parking and servicing and visibility standpoint. The proposal will therefore not result in conditions prejudicial to highway capacity, road safety, or neighbouring amenity.

5.0 SUMMARY

- 5.1 Paul Mew Associates is instructed by Hornbeam Homes Limited to provide professional advice on transport/highways matters in relation to the proposals at land north of The Crescent, St Ippolyts, Hitchin, SG4 7RE.
- 5.2 The site currently comprises of a field to the north of The Crescent. The site is bound by houses on The Crescent and Mill Road to the south and west, a field to the north and the B656 London Road to the east. The site has an existing vehicle access onto the B656 London Road, which is to be upgraded to meet current highway authority standards.
- 5.3 The proposals comprise the development of the site to provide a total of five dwellings. The proposed schedule of accommodation is a total of three x four-bedroom, eight person dwellings and two x three-bedroom, six person dwellings.
- 5.4 A total of ten parking spaces are provided for the five dwellings. There are also five unallocated parking spaces provided on site for visitors of the dwellings.
- 5.5 In accordance with 2021 census data, the proposed five dwellings are projected to generate demand for eight car parking spaces. The proposed level of parking provision for the residential units is therefore projected to accommodate 100% of the parking demand generated by the new dwellings and no vehicles are project to 'overspill' onto the adjoining highway.
- 5.6 This Transport Statement follows a formal pre-application engagement with North Hertfordshire Council in January 2026 (ref. 25/02648/PRE).
- 5.7 The proposed vehicle and pedestrian access to the site is from B656 London Road. Levelling works are proposed within the site to ensure that the gradient of the access road is compliant with HCC standards.

- 5.8 A multi-modal trip generation assessment has been undertaken of the existing and the proposed site uses and the potential impacts of the development on the adjoining highway principally with respect to highway safety.
- 5.9 The proposed use of the site is projected to generate 60 total two-way movements over the course of a typical weekday from 0700-2100. The data illustrates that more than half of the trips generated by the proposed site are likely to be vehicle trips.
- 5.10 The traffic impact of the development is expected to be adequately accommodated on the adjoining highway.
- 5.11 It has been demonstrated that suitable vehicular manoeuvrability within the site will be accommodated under the proposals for access to the allocated and unallocated car parking spaces. This has been tested using the industry-standard AutoTrack software.
- 5.12 Refuse collection vehicles typically used by the local Council is also shown to be accommodated on-site with swept paths shown for the access and egress manoeuvres from London Road and the use of the turning head within the site.
- 5.13 With regards to visibility, the required vehicle-to-vehicle sightlines of 43 metres are achievable in both direction.
- 5.14 The proposed site access, parking, and servicing arrangements under are considered to be satisfactory and in accordance with the Council's guidelines and expectations.

FIGURES

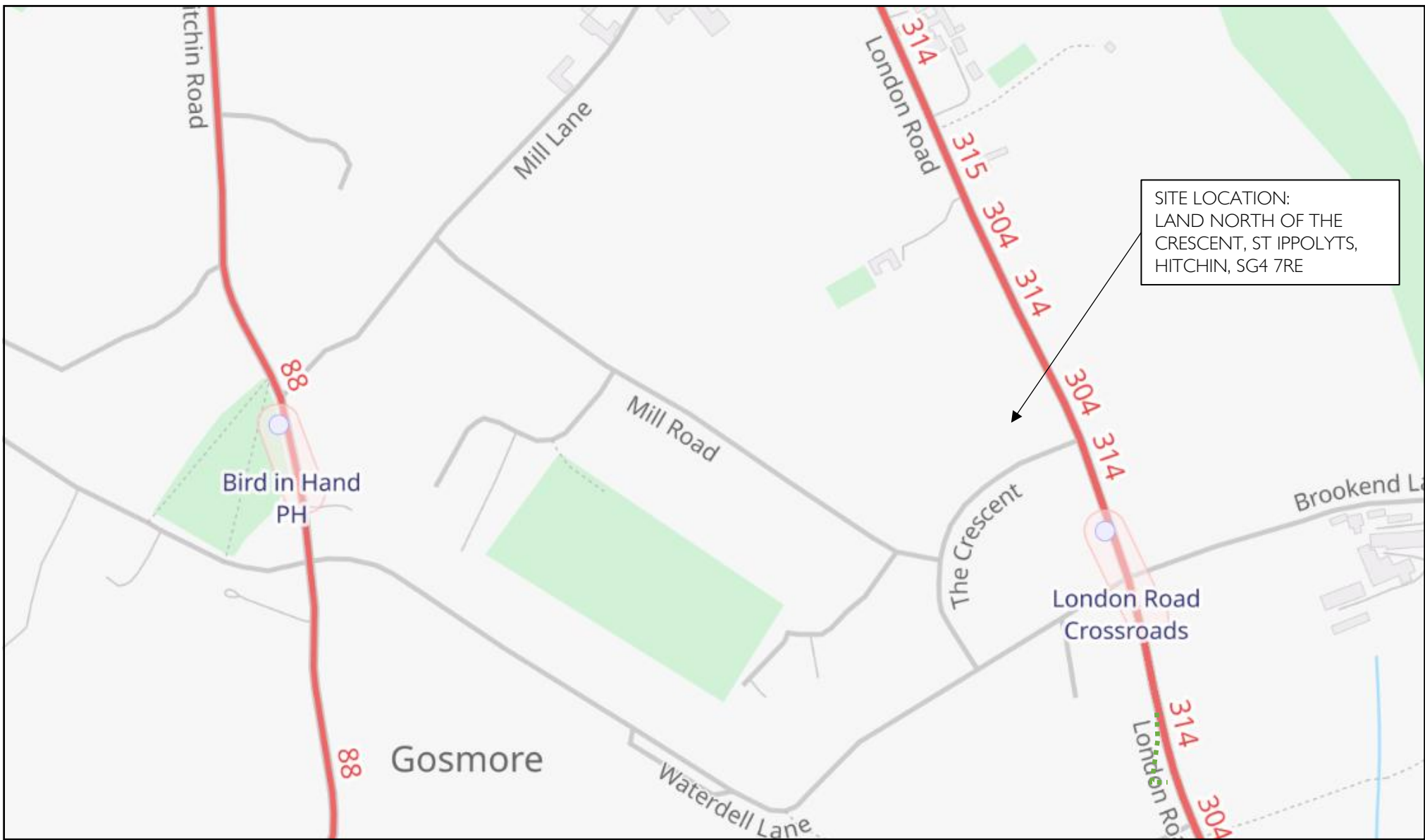


Date: 17-March-2026
Scale: NTS
Source: OpenStreetMap
Drawing No: P3092/TS/01



P3092: LAND NORTH OF THE CRESCENT, ST IPPOLYTS, HITCHIN, SG4 7RE

Figure 1
Site Location Plan

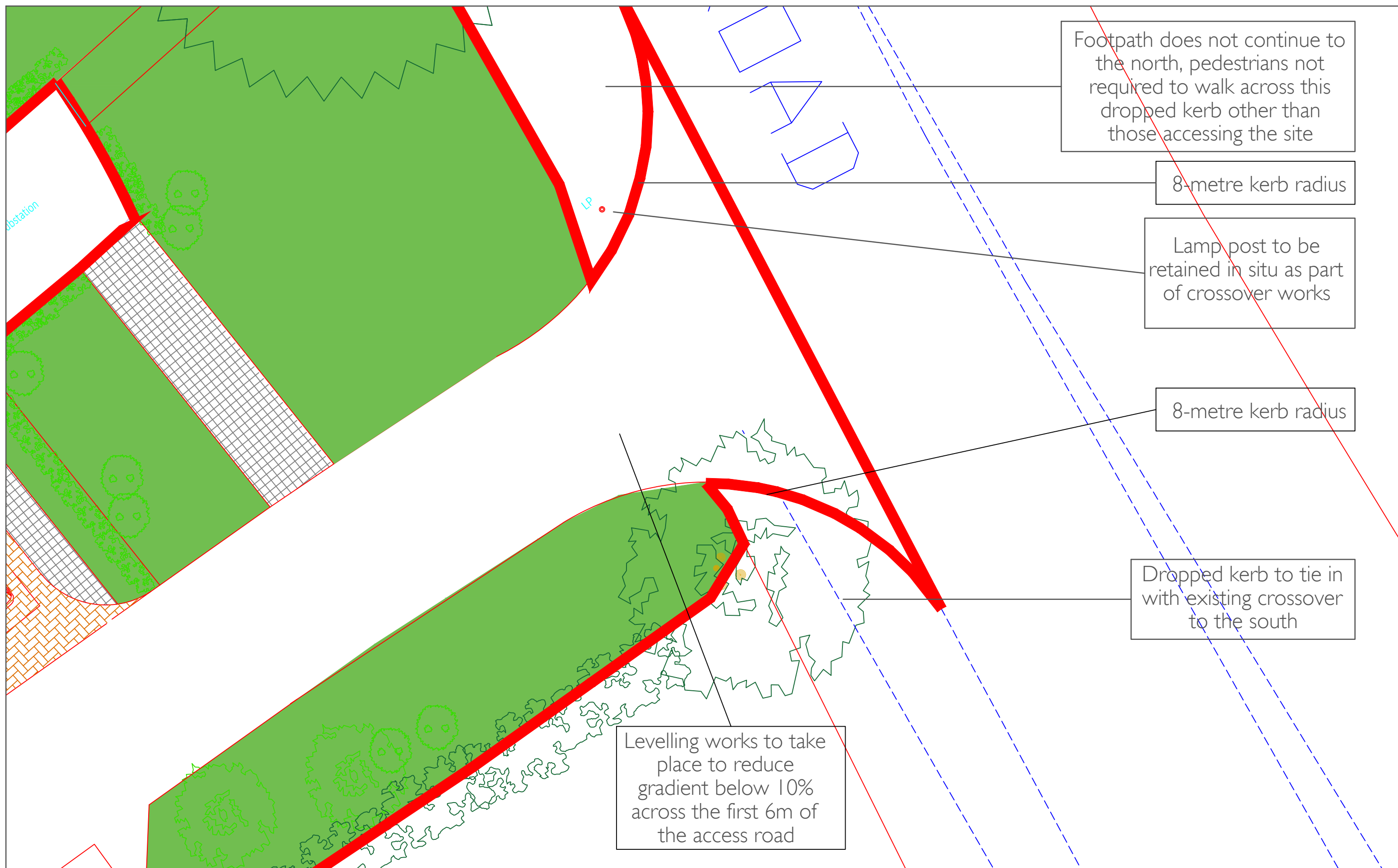


Date: 17-March-2026
 Scale: NTS
 Source: OpenStreetMap
 Drawing No: P3092/TS/02

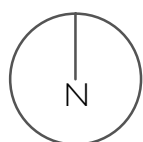


P3092: LAND NORTH OF THE CRESCENT, ST IPPOLYTS, HITCHIN, SG4 7RE

Figure 2
 Public Transport Accessibility Plan

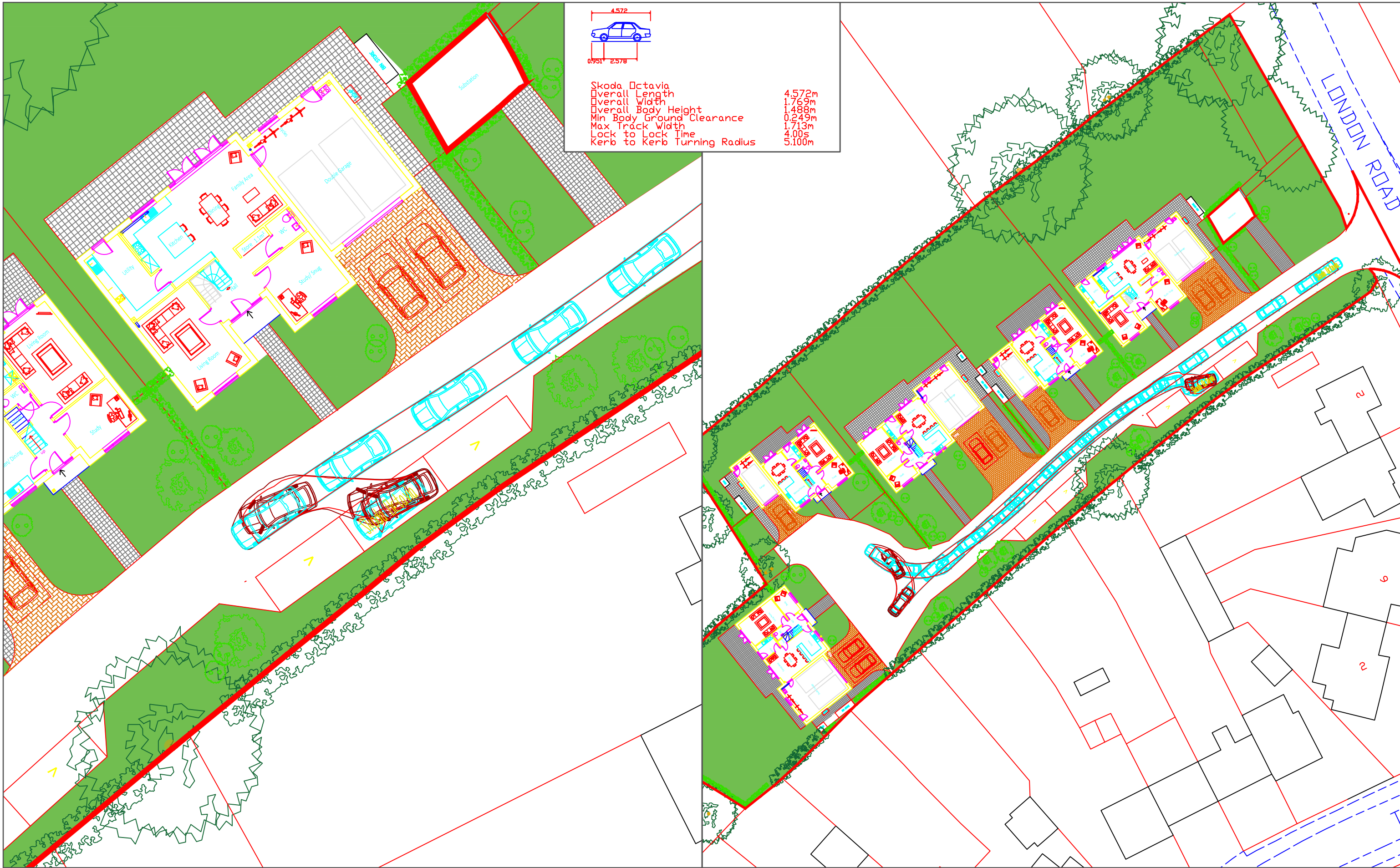


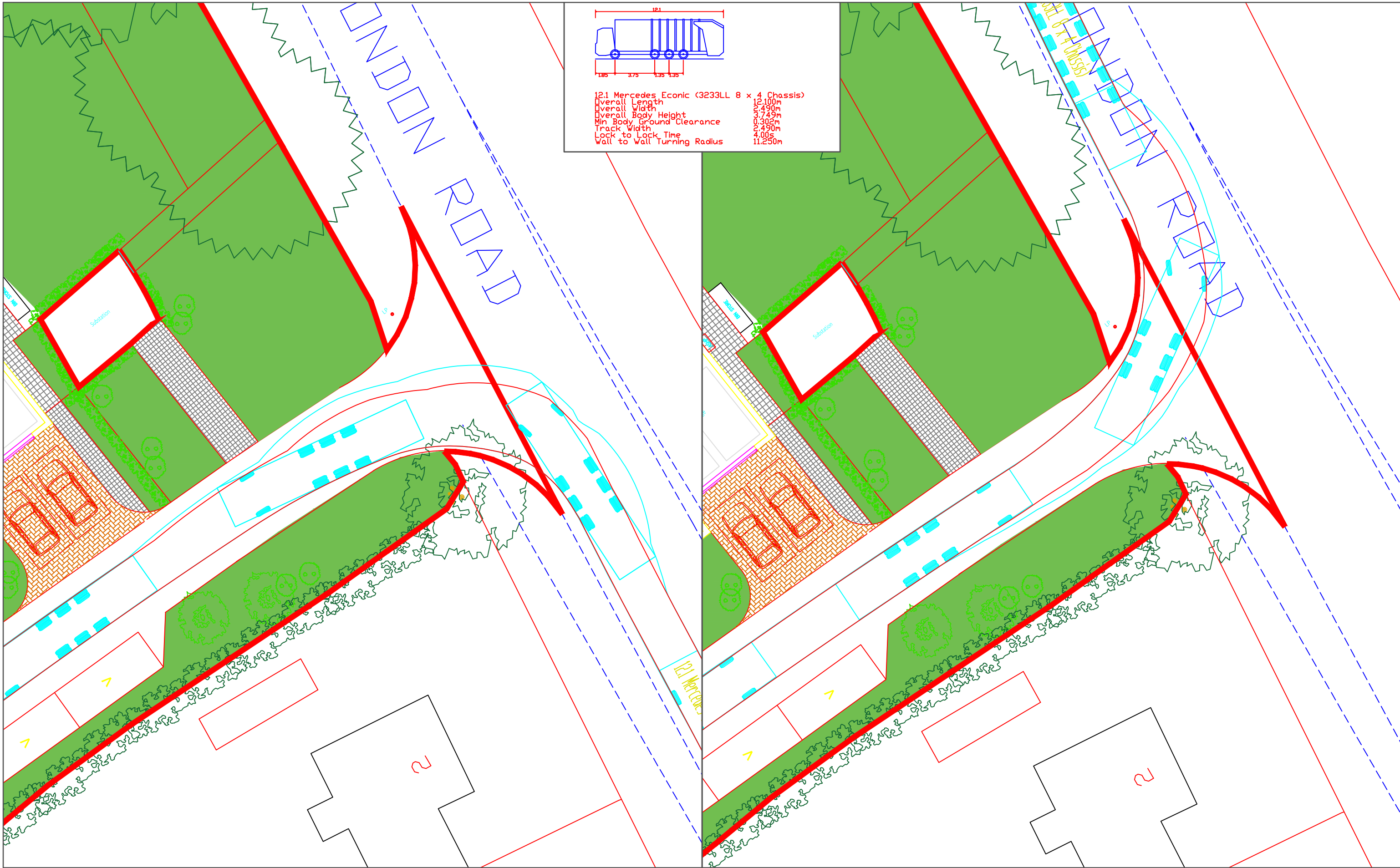
Date: 25-March-2026
Scale: 1:100@A3
Source: OS/PMA
Drawing No. P3092/TS/3



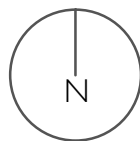
P3092: LAND NORTH OF THE CRESCENT, ST IPPOLYTS, HITCHIN, SG4 7RE
Figure 3
Proposed Access


PAUL MEW ASSOCIATES
TRAFFIC CONSULTANTS
Unit 1, Plym House, 21 Enterprise Way, London, SW18 1FZ
Tel: 020 8780 0426
E-mail: paul.mew@pma-traffic.co.uk Website: www.pma-traffic.co.uk





Date: 25-March-2026
Scale: 1:200@A3
Source: OS/PMA/ATR
Drawing No. P3092/TS/5a



P3092: LAND NORTH OF THE CRESCENT, ST IPPOLYTS, HITCHIN, SG4 7RE

Figure 5a

AutoTrack; Refuse Vehicle Accessing the Site from London Road

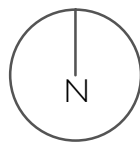


PAUL MEW ASSOCIATES
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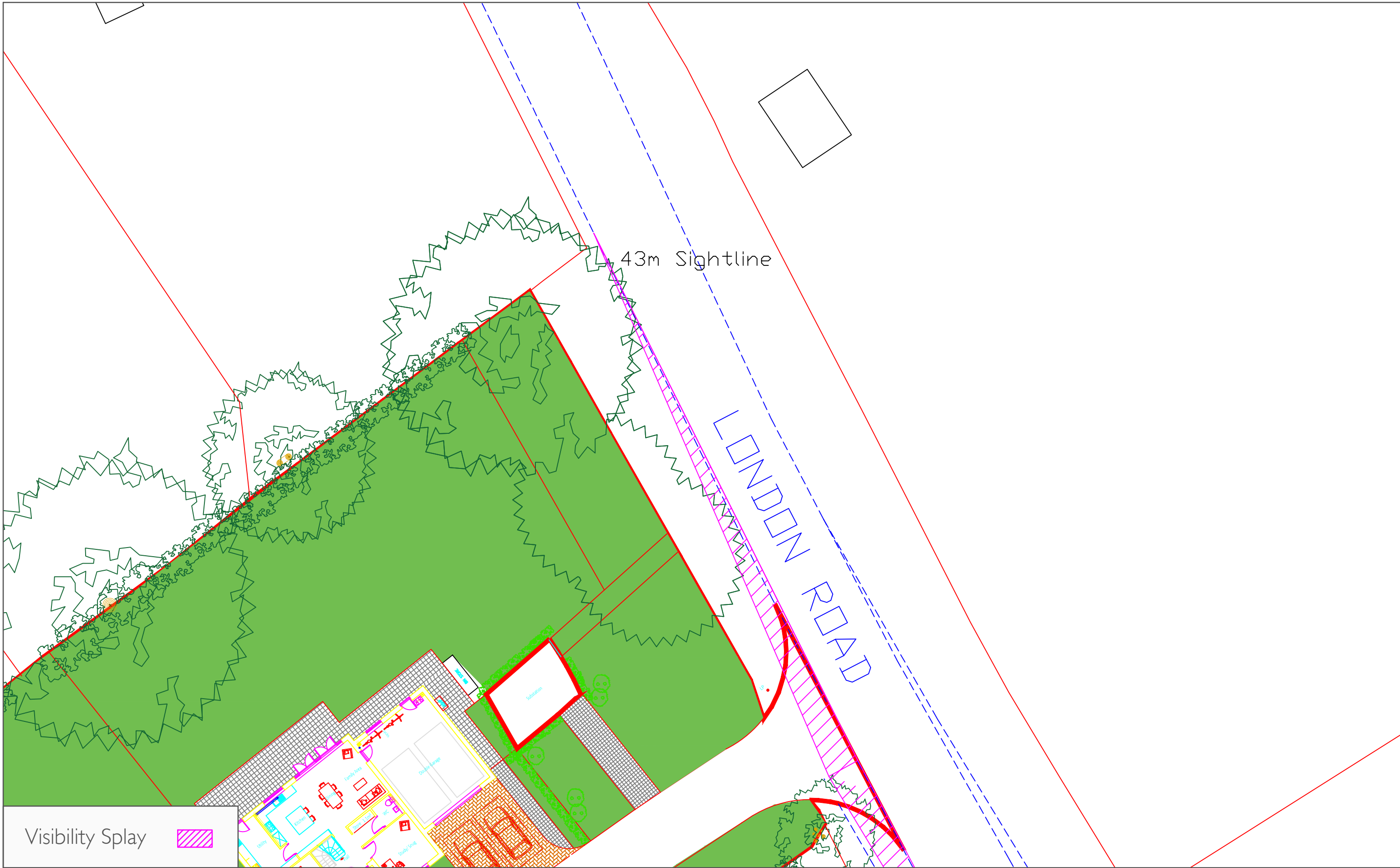


Date: 18-March-2026
Scale: 1:200@A3
Source: OS/PMA/ATR
Drawing No. P3092/TS/5b



P3092: LAND NORTH OF THE CRESCENT, ST IPPOLYTS, HITCHIN, SG4 7RE
Figure 5b
AutoTrack; Refuse Vehicle Using the Proposed Turning Head


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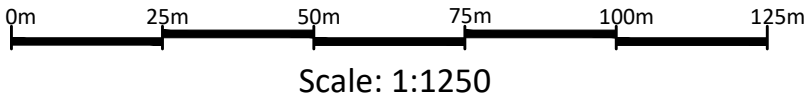
APPENDIX A

Site Boundary Plan



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Location Plan @ 1/1250



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Notes

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BUILDING REGULATIONS
All work is to comply with the relevant Building Regulations and all statutory notices are to be given to the chosen Building Control at the appropriate stages of the project.

CDM
All design and construction is to be in accordance with the Construction, Design and Management Regulations 2015.

DESIGN CRITERIA
All of the contractors' works on site are to comply with and meet the approval of the relevant British Standards and the Local Authority's Design Guides, including Building Control and Planning Departments.

DIMENSIONS
Please note, all dimensions on the drawing are shown in millimeters, unless otherwise stated and should be checked prior to any works on site. It is the responsibility of the client or appointed contractor to notify the designers of any discrepancies of the walls and general layouts.

DO NOT SCALE FOR CONSTRUCTION PURPOSES

MATERIALS
Please note, all the materials specified and the construction details shown, are not to be changed without the full knowledge and prior approval of the agent; as any changes may have a detrimental effect on the designed/required carbon emissions of the structure as designed.



Address: Land At London Road
Gosmore
SG4 7RE

Drawing Size	Scale	Drawn by
A3	1/1250	MS
Job No.	Work Stage	Drawing No.
1171	Survey	PL01

Rev.	Description	Date	Dn	Chk

Location Plan
As Existing

M Scott /
Architectural
Design

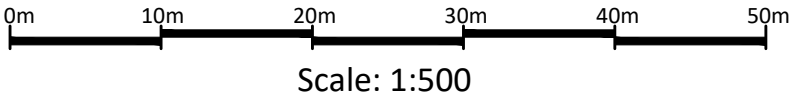
BANCROFT HOUSE
34 BANCROFT
HITCHIN
HERTS SG5 1LA
www.msad.uk
Tel:01462 422440

APPENDIX B

Proposed Site Plan



Site Plan @ 1/500



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Notes

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Please note, all dimensions on the drawing are shown in millimeters, unless otherwise stated and should be checked prior to any works on site. It is the responsibility of the client or appointed contractor to notify the designers of any discrepancies of the walls and general layouts.

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MATERIALS

Please note, all the materials specified and the construction details shown, are not to be changed without the full knowledge and prior approval of the agent; as any changes may have a detrimental effect on the designed/required carbon emissions of the structure as designed.



Address: Land At London Road
Gosmore
SG4 7RE

Drawing Size	Scale	Drawn by
A3	1/500	SC
Job No.	Work Stage	Drawing No.
1171	Planning	PL03

Rev.	Description	Date	Dn	Chk

Site Plan
As Proposed

M Scott /
Architectural
Design

BANCROFT HOUSE
34 BANCROFT
HITCHIN
HERTS SG5 1LA
www.msad.uk
Tel:01462 422440

APPENDIX C

TRICS Trip Generation Assessment

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: A - HOUSES PRIVATELY OWNED

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

01	GREATER LONDON	
	EN	ENFIELD
		1 day
02	SOUTH EAST	
	CT	CENTRAL BEDFORDSHIRE
		1 day
	ES	EAST SUSSEX
		9 days
	EX	ESSEX
		1 day
	HC	HAMPSHIRE
		11 days
	HF	HERTFORDSHIRE
		3 days
	KC	KENT
		8 days
	MW	MEDWAY
		1 day
	SC	SURREY
		4 days
	SP	SOUTHAMPTON
		1 day
	WB	WEST BERKSHIRE
		1 day
	WS	WEST SUSSEX
		10 days
03	SOUTH WEST	
	DC	DORSET
		4 days
	GS	GLOUCESTERSHIRE
		1 day
	SM	SOMERSET
		1 day
04	EAST ANGLIA	
	CA	CAMBRIDGESHIRE
		1 day
	NF	NORFOLK
		18 days
	PB	PETERBOROUGH
		1 day
	SF	SUFFOLK
		3 days
05	EAST MIDLANDS	
	DY	DERBY
		1 day
	NT	NOTTINGHAMSHIRE
		1 day
06	WEST MIDLANDS	
	ST	STAFFORDSHIRE
		1 day
	WK	WARWICKSHIRE
		1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY	NORTH YORKSHIRE
		2 days
	YO	YORK
		1 day
09	NORTH	
	IM	ISLE OF MAN
		3 days
10	WALES	
	PS	POWYS
		1 day
	VG	VALE OF GLAMORGAN
		1 day
11	SCOTLAND	
	AS	ABERDEENSHIRE
		1 day
	HI	HIGHLAND
		1 day
13	MUNSTER	
	TI	TIPPERARY
		1 day
14	LEINSTER	
	ME	MEATH
		1 day
	WC	WICKLOW
		1 day
15	GREATER DUBLIN	
	DL	DUBLIN
		2 days
16	ULSTER (REPUBLIC OF IRELAND)	
	CV	CAVAN
		2 days
	DN	DONEGAL
		1 day
	MG	MONAGHAN
		1 day
17	ULSTER (NORTHERN IRELAND)	
	AN	ANTRIM
		2 days
	DE	DERRY
		1 day

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

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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:	DWELLS
Actual Range:	6 to 1817 (units:DWELLS)
Range Selected by User:	6 to 1817 (units:DWELLS)
Parking Spaces Range:	6 - 2824

Public Transport Provision:	
Selection by:	All Surveys Included
Date Range:	05/05/15 to 30/06/25

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:	
Friday	5 days
Monday	18 days
Thursday	23 days
Tuesday	33 days
Wednesday	27 days

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

Selected survey types:	
Manual count	106
Direction ATC Count	0

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	89 days
Suburban Area	17 days

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:	
Development Zone	1 days
Industrial Zone	1 days
No Sub Category	7 days
Out of Town	5 days
Residential Zone	91 days
Village	1 days

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 Vehicle Counts:	
Servicing vehicles Excluded	7 days
Servicing vehicles Included	23 days
Servicing vehicles Unknown	76 days

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Secondary Filtering Selection:

Use Class:

C3	106 surveys
----	-------------

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:

220 - 8961

Population within 1 mile:

1,001 to 5,000	12 surveys
10,001 to 15,000	33 surveys
15,001 to 20,000	16 surveys
20,001 to 25,000	11 surveys
25,001 to 50,000	3 surveys
5,001 to 10,000	31 surveys

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

Population within 5 miles:

100,001 to 125,000	4 surveys
125,001 to 250,000	31 surveys
25,001 to 50,000	21 surveys
250,001 to 500,000	7 surveys
5,000 or Less	1 surveys
5,001 to 25,000	18 surveys
50,001 to 75,000	14 surveys
500,001 or More	1 surveys
75,001 to 100,000	9 surveys

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	25 surveys
1.1 to 1.5	72 surveys
1.6 to 2.0	9 surveys

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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Petrol filling station:

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	44 surveys
Yes	62 surveys

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:

1a (Low) - Very poor	1 surveys
No PTAL Present	105 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

Yes - At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

1	AN-03-A-09	DETACHED & SEMI-DETACHED	ANTRIM
SLOEFIELD DRIVE CARRICKFERGUS Edge of Town No Sub Category Number of dwellings: 151.00 DWELLS Survey date: Wednesday 12/10/2016			
		Survey Type: Manual	
2	AN-03-A-10	DETACHED & SEMI-DETACHED	ANTRIM
FERRARD GRANGE ANTRIM Suburban Area Residential Zone Number of dwellings: 87.00 DWELLS Survey date: Friday 07/06/2024			
		Survey Type: Manual	
3	AS-03-A-02	MIXED HOUSES	ABERDEENSHIRE
FARROCHIE ROAD STONEHAVEN Edge of Town Residential Zone Number of dwellings: 131.00 DWELLS Survey date: Wednesday 20/04/2022			
		Survey Type: Manual	
4	CA-03-A-09	MIXED HOUSES & FLATS	CAMBRIDGESHIRE
EDDINGTON AVENUE CAMBRIDGE EDDINGTON Edge of Town Development Zone Number of dwellings: 153.00 DWELLS Survey date: Thursday 28/11/2024			
		Survey Type: Manual	
5	CT-03-A-03	MIXED HOUSES	CENTRAL BEDFORDSHIRE
ARLESEY ROAD STOTFOLD Edge of Town Residential Zone Number of dwellings: 73.00 DWELLS Survey date: Tuesday 27/06/2023			
		Survey Type: Manual	
6	CV-03-A-02	DETACHED & SEMI DETACHED	CAVAN
R212 DUBLIN ROAD CAVAN KILLYNEBBER Edge of Town No Sub Category Number of dwellings: 80.00 DWELLS Survey date:			
		Survey Type: Manual	
7	CV-03-A-03	DETACHED HOUSES	CAVAN
R212 DUBLIN ROAD CAVAN PULLAMORE NEAR Edge of Town No Sub Category Number of dwellings: 37.00 DWELLS Survey date:			
		Survey Type: Manual	
8	DC-03-A-10	MIXED HOUSES	DORSET
ADDISON CLOSE GILLINGHAM Edge of Town			



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Residential Zone

Number of dwellings: 26.00 DWELLS

Survey date: Wednesday 09/11/2022

Survey Type: Manual

9 **DC-03-A-11** **MIXED HOUSES** **DORSET**
A350
SHAFTESBURY
Edge of Town
No Sub Category
Number of dwellings: 141.00 DWELLS
Survey date: Tuesday 31/10/2023

Survey Type: Manual

10 **DC-03-A-12** **PRIVATELY OWNED HOUSES** **DORSET**
RYLANDS AVENUE
WEYMOUTH
WYKE REGIS
Suburban Area
Residential Zone
Number of dwellings: 17.00 DWELLS
Survey date: Tuesday 06/05/2025

Survey Type: Manual

11 **DC-03-A-13** **MIXED HOUSES** **DORSET**
ADDISON CLOSE
GILLINGHAM
Edge of Town
Residential Zone
Number of dwellings: 106.00 DWELLS
Survey date: Tuesday 10/06/2025

Survey Type: Manual

12 **DE-03-A-05** **SEMI-DETACHED & TERRACED** **DERRY**
CLOYFIN ROAD
COLERAINE
LOGUESTOWN IND. ESTATE
Edge of Town
Industrial Zone
Number of dwellings: 51.00 DWELLS
Survey date: Friday 20/05/2022

Survey Type: Manual

13 **DL-03-A-10** **SEMI DETACHED & DETACHED** **DUBLIN**
R124
MALAHIDE
SAINT HELENS
Edge of Town
Residential Zone
Number of dwellings: 65.00 DWELLS
Survey date: Wednesday 20/06/2018

Survey Type: Manual

14 **DL-03-A-11** **SEMI-DETACHED HOUSES** **DUBLIN**
GRACE PARK ROAD
DUBLIN
WHITEHALL
Suburban Area
Residential Zone
Number of dwellings: 19.00 DWELLS
Survey date: Wednesday 19/05/2021

Survey Type: Manual

15 **DN-03-A-06** **DETACHED HOUSING** **DONEGAL**
GLENFIN ROAD
BALLYBOFEY
Edge of Town
Residential Zone
Number of dwellings: 6.00 DWELLS
Survey date: Wednesday 10/10/2018

Survey Type: Manual



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

16 RADBOURNE LANE DERBY Edge of Town Residential Zone Number of dwellings: 371.00 DWELLS Survey date: Tuesday 10/07/2018	DY-03-A-01	MIXED HOUSES	DERBY	Survey Type: Manual
17 DUCHY ROAD HADLEY WOOD Edge of Town Residential Zone Number of dwellings: 9.00 DWELLS Survey date: Wednesday 14/09/2022	EN-03-A-02	DETACHED HOUSES	ENFIELD	Survey Type: Manual
18 SHEPHAM LANE POLEGATE Edge of Town Residential Zone Number of dwellings: 212.00 DWELLS Survey date:	ES-03-A-03	MIXED HOUSES & FLATS	EAST SUSSEX	Survey Type: Manual
19 NEW ROAD HAILSHAM HELLINGLY Edge of Town Residential Zone Number of dwellings: 91.00 DWELLS Survey date: Thursday 07/11/2019	ES-03-A-07	MIXED HOUSES & FLATS	EAST SUSSEX	Survey Type: Manual
20 WATERGATE BEXHILL-ON-SEA Edge of Town Residential Zone Number of dwellings: 139.00 DWELLS Survey date: Thursday 28/09/2023	ES-03-A-10	MIXED HOUSES & FLATS	EAST SUSSEX	Survey Type: Manual
21 A265 HEATHFIELD Edge of Town Residential Zone Number of dwellings: 36.00 DWELLS Survey date:	ES-03-A-13	DETACHED HOUSES	EAST SUSSEX	Survey Type: Manual
22 RATTLE ROAD NEAR EASTBOURNE STONE CROSS Edge of Town Residential Zone Number of dwellings: 120.00 DWELLS Survey date: Tuesday 30/04/2024	ES-03-A-14	MIXED HOUSES & FLATS	EAST SUSSEX	Survey Type: Manual
23 WRESTWOOD ROAD BEXHILL-ON-SEA Edge of Town	ES-03-A-19	MIXED HOUSES & FLATS	EAST SUSSEX	



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Residential Zone

Number of dwellings: 190.00 DWELLS

Survey date: Wednesday 09/10/2024

Survey Type: Manual

24	ES-03-A-20	DETACHED & SEMI-DETACHED	EAST SUSSEX
NEW ROAD HAILSHAM HELLINGLY Edge of Town Residential Zone Number of dwellings: 13.00 DWELLS Survey date: Wednesday 06/11/2024			
Survey Type: Manual			
25	ES-03-A-21	MIXED HOUSES & FLATS	EAST SUSSEX
PARK ROAD HAILSHAM HELLINGLY Edge of Town Residential Zone Number of dwellings: 160.00 DWELLS Survey date: Wednesday 26/03/2025			
Survey Type: Manual			
26	ES-03-A-22	MIXED HOUSES	EAST SUSSEX
THE FAIRWAY NEWHAVEN Edge of Town Residential Zone Number of dwellings: 85.00 DWELLS Survey date: Tuesday 22/04/2025			
Survey Type: Manual			
27	EX-03-A-03	MIXED HOUSES	ESSEX
KESTREL GROVE RAYLEIGH Edge of Town Residential Zone Number of dwellings: 123.00 DWELLS Survey date:			
Survey Type: Manual			
28	GS-03-A-03	PRIVATLEY OWNED HOUSES	GLOUCESTERSHIRE
GREEN LANE TEWKESBURY Suburban Area Residential Zone Number of dwellings: 24.00 DWELLS Survey date: Thursday 10/10/2024			
Survey Type: Manual			
29	HC-03-A-22	MIXED HOUSES	HAMPSHIRE
BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Number of dwellings: 40.00 DWELLS Survey date: Wednesday 31/10/2018			
Survey Type: Manual			
30	HC-03-A-23	HOUSES & FLATS	HAMPSHIRE
CANADA WAY LIPHOOK Suburban Area Residential Zone Number of dwellings: 62.00 DWELLS Survey date: Tuesday 19/11/2019			
Survey Type: Manual			



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

31 BOTLEY ROAD WHITELEY Edge of Town Out of Town Number of dwellings: 270.00 DWELLS Survey date: Thursday 24/06/2021	HC-03-A-26	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: Manual
32 DAIRY ROAD ANDOVER Edge of Town Residential Zone Number of dwellings: 73.00 DWELLS Survey date: Tuesday 16/11/2021	HC-03-A-27	MIXED HOUSES	HAMPSHIRE	Survey Type: Manual
33 EAGLE AVENUE WATERLOOVILLE LOVEDEAN Edge of Town Residential Zone Number of dwellings: 125.00 DWELLS Survey date:	HC-03-A-28	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: Manual
34 STONEHAM LANE EASTLEIGH Edge of Town Residential Zone Number of dwellings: 243.00 DWELLS Survey date: Tuesday 14/11/2023	HC-03-A-34	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: Manual
35 EAGLE AVENUE WATERLOOVILLE LOVEDEAN Edge of Town Residential Zone Number of dwellings: 289.00 DWELLS Survey date: Tuesday 31/10/2023	HC-03-A-35	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: Manual
36 HAVANT ROAD EMSWORTH Edge of Town Residential Zone Number of dwellings: 145.00 DWELLS Survey date: Tuesday 12/09/2023	HC-03-A-36	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: Manual
37 REDFIELDS LANE FLEET CHURCH CROOKHAM Edge of Town Residential Zone Number of dwellings: 50.00 DWELLS Survey date: Wednesday 27/03/2024	HC-03-A-37	MIXED HOUSES	HAMPSHIRE	Survey Type: Manual
38 KILN ROAD LIPHOOK Edge of Town	HC-03-A-39	MIXED HOUSES & FLATS	HAMPSHIRE	



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Residential Zone

Number of dwellings: 156.00 DWELLS

Survey date: Thursday 14/11/2024

Survey Type: Manual

39	HC-03-A-41	MIXED HOUSES & FLATS	HAMPSHIRE
CROW LANE			
RINGWOOD			
CROW			
Edge of Town			
Residential Zone			
Number of dwellings: 195.00 DWELLS			
Survey date:			

Survey Type: Manual

40	HF-03-A-03	MIXED HOUSES	HERTFORDSHIRE
HARE STREET ROAD			
BUNTINGFORD			
Edge of Town			
Residential Zone			
Number of dwellings: 160.00 DWELLS			
Survey date:			

Survey Type: Manual

41	HF-03-A-06	MIXED HOUSES & FLATS	HERTFORDSHIRE
A505			
ROYSTON			
Edge of Town			
Residential Zone			
Number of dwellings: 180.00 DWELLS			
Survey date: Tuesday 28/11/2023			

Survey Type: Manual

42	HF-03-A-07	MIXED HOUSES & BUNGALOWS	HERTFORDSHIRE
BAKER STREET			
POTTERS BAR			
Suburban Area			
Residential Zone			
Number of dwellings: 92.00 DWELLS			
Survey date:			

Survey Type: Manual

43	HI-03-A-14	SEMI-DETACHED & TERRACED	HIGHLAND
KING BRUDE ROAD			
INVERNESS			
SCORGUIE			
Suburban Area			
Residential Zone			
Number of dwellings: 40.00 DWELLS			
Survey date: Wednesday 23/03/2016			

Survey Type: Manual

44	IM-03-A-04	MIXED HOUSES	ISLE OF MAN
NEW CASTLETOWN ROAD			
DOUGLAS			
Suburban Area			
Residential Zone			
Number of dwellings: 73.00 DWELLS			
Survey date:			

Survey Type: Manual

45	IM-03-A-05	MIXED HOUSES	ISLE OF MAN
SCARLETT ROAD			
CASTLETOWN			
Edge of Town			
Residential Zone			
Number of dwellings: 45.00 DWELLS			
Survey date: Tuesday 21/05/2024			

Survey Type: Manual

46	IM-03-A-06	MIXED HOUSES	ISLE OF MAN
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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

MOORAGH PROMENADE
RAMSEY

Edge of Town

Residential Zone

Number of dwellings: 129.00 DWELLS

Survey date: Thursday 23/05/2024

Survey Type: Manual

47 KC-03-A-03 MIXED HOUSES & FLATS KENT

HYPHE ROAD

ASHFORD

WILLESBOROUGH

Suburban Area

Residential Zone

Number of dwellings: 51.00 DWELLS

Survey date: Thursday 14/07/2016

Survey Type: Manual

48 KC-03-A-04 SEMI-DETACHED & TERRACED KENT

KILN BARN ROAD

AYLESFORD

DITTON

Edge of Town

Residential Zone

Number of dwellings: 110.00 DWELLS

Survey date: Friday 22/09/2017

Survey Type: Manual

49 KC-03-A-06 MIXED HOUSES & FLATS KENT

MARGATE ROAD

HERNE BAY

Suburban Area

Residential Zone

Number of dwellings: 363.00 DWELLS

Survey date: Wednesday 27/09/2017

Survey Type: Manual

50 KC-03-A-07 MIXED HOUSES KENT

RECVLVER ROAD

HERNE BAY

Edge of Town

Residential Zone

Number of dwellings: 288.00 DWELLS

Survey date: Wednesday 27/09/2017

Survey Type: Manual

51 KC-03-A-10 MIXED HOUSES KENT

HEADCORN ROAD

STAPLEHURST

Edge of Town

Residential Zone

Number of dwellings: 106.00 DWELLS

Survey date: Tuesday 09/05/2023

Survey Type: Manual

52 KC-03-A-11 MIXED HOUSES & FLATS KENT

COLDHARBOUR ROAD

GRAVESEND

Edge of Town

No Sub Category

Number of dwellings: 375.00 DWELLS

Survey date:

Survey Type: Manual

53 KC-03-A-12 MIXED HOUSES & FLATS KENT

WESTERN LINK

FAVERSHAM

DAVINGTON

Edge of Town

Residential Zone



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Number of dwellings: 186.00 DWELLS
Survey date: Tuesday 19/09/2023

Survey Type: Manual

54 KC-03-A-14 MIXED HOUSES KENT
HEADCORN ROAD
STAPLEHURST
Edge of Town
Residential Zone
Number of dwellings: 167.00 DWELLS
Survey date: Thursday 22/05/2025

Survey Type: Manual

55 ME-03-A-01 PRIVATELY OWNED HOUSES MEATH
R155
RATOATH
Edge of Town
Residential Zone
Number of dwellings: 42.00 DWELLS
Survey date: Wednesday 30/10/2024

Survey Type: Manual

56 MG-03-A-01 SEMI-DETACHED HOUSES MONAGHAN
ORIEL WAY
MONAGHAN
Suburban Area
Residential Zone
Number of dwellings: 49.00 DWELLS
Survey date: Tuesday 12/10/2021

Survey Type: Manual

57 MW-03-A-02 MIXED HOUSES MEDWAY
OTTERHAM QUAY LANE
RAINHAM
Edge of Town
Residential Zone
Number of dwellings: 19.00 DWELLS
Survey date:

Survey Type: Manual

58 NF-03-A-03 DETACHED HOUSES NORFOLK
HALING WAY
THETFORD
Edge of Town
Residential Zone
Number of dwellings: 10.00 DWELLS
Survey date: Wednesday 16/09/2015

Survey Type: Manual

59 NF-03-A-05 MIXED HOUSES NORFOLK
HEATH DRIVE
HOLT
Edge of Town
Residential Zone
Number of dwellings: 40.00 DWELLS
Survey date: Thursday 19/09/2019

Survey Type: Manual

60 NF-03-A-06 MIXED HOUSES NORFOLK
BEAUFORT WAY
GREAT YARMOUTH
BRADWELL
Edge of Town
Residential Zone
Number of dwellings: 275.00 DWELLS
Survey date:

Survey Type: Manual

61 NF-03-A-09 MIXED HOUSES & FLATS NORFOLK
ROUND HOUSE WAY
NORWICH



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

CRINGLEFORD

Edge of Town

Residential Zone

Number of dwellings: 984.00 DWELLS

Survey date: Tuesday 24/09/2019

Survey Type: Manual

62 NF-03-A-23 MIXED HOUSES & FLATS NORFOLK

SILFIELD ROAD

WYMONDHAM

Edge of Town

Out of Town

Number of dwellings: 514.00 DWELLS

Survey date: Wednesday 22/09/2021

Survey Type: Manual

63 NF-03-A-25 MIXED HOUSES & FLATS NORFOLK

WOODFARM LANE

GORLESTON-ON-SEA

Edge of Town

Residential Zone

Number of dwellings: 55.00 DWELLS

Survey date: Tuesday 21/09/2021

Survey Type: Manual

64 NF-03-A-28 MIXED HOUSES & FLATS NORFOLK

ATLANTIC AVENUE

NORWICH

SPROWSTON

Edge of Town

Residential Zone

Number of dwellings: 1146.00 DWELLS

Survey date: Thursday 22/09/2022

Survey Type: Manual

65 NF-03-A-30 MIXED HOUSES NORFOLK

BRANDON ROAD

SWAFFHAM

Edge of Town

Residential Zone

Number of dwellings: 266.00 DWELLS

Survey date: Thursday 23/09/2021

Survey Type: Manual

66 NF-03-A-33 MIXED HOUSES NORFOLK

LONDON ROAD

ATTLEBOROUGH

Edge of Town

Residential Zone

Number of dwellings: 143.00 DWELLS

Survey date: Thursday 29/09/2022

Survey Type: Manual

67 NF-03-A-34 MIXED HOUSES NORFOLK

NORWICH ROAD

SWAFFHAM

Edge of Town

Out of Town

Number of dwellings: 80.00 DWELLS

Survey date: Tuesday 27/09/2022

Survey Type: Manual

68 NF-03-A-35 MIXED HOUSES & FLATS NORFOLK

REPTON AVENUE

NORWICH

Edge of Town

Residential Zone

Number of dwellings: 116.00 DWELLS

Survey date: Wednesday 28/09/2022

Survey Type: Manual

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

69 LONDON ROAD WYMONDHAM Edge of Town No Sub Category Number of dwellings: 75.00 DWELLS Survey date: Thursday 29/09/2022	NF-03-A-36	MIXED HOUSES	NORFOLK	Survey Type: Manual
70 GREENFIELDS ROAD DEREHAM Edge of Town Residential Zone Number of dwellings: 44.00 DWELLS Survey date: Tuesday 27/09/2022	NF-03-A-37	MIXED HOUSES	NORFOLK	Survey Type: Manual
71 BEAUFORT WAY GREAT YARMOUTH BRADWELL Edge of Town Residential Zone Number of dwellings: 537.00 DWELLS Survey date: Tuesday 20/09/2022	NF-03-A-38	MIXED HOUSES	NORFOLK	Survey Type: Manual
72 HEATH DRIVE HOLT Edge of Town Residential Zone Number of dwellings: 212.00 DWELLS Survey date: Tuesday 27/09/2022	NF-03-A-39	MIXED HOUSES	NORFOLK	Survey Type: Manual
73 BURGH ROAD AYLSHAM Edge of Town Residential Zone Number of dwellings: 300.00 DWELLS Survey date: Tuesday 14/09/2021	NF-03-A-46	MIXED HOUSES & FLATS	NORFOLK	Survey Type: Manual
74 CITY ROAD NORWICH LAKENHAM Suburban Area Residential Zone Number of dwellings: 34.00 DWELLS Survey date: Tuesday 13/09/2022	NF-03-A-51	SEMI-DETACHED	NORFOLK	Survey Type: Manual
75 LYNNSPORT WAY KING'S LYNN Suburban Area Residential Zone Number of dwellings: 130.00 DWELLS Survey date: Tuesday 07/11/2023	NF-03-A-52	MIXED HOUSES	NORFOLK	Survey Type: Manual
76 WIGHAY ROAD HUCKNALL Edge of Town Residential Zone	NT-03-A-08	DETACHED HOUSES	NOTTINGHAMSHIRE	

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Number of dwellings: 36.00 DWELLS

Survey date:

Survey Type: Manual

77 PALACE ROAD RIPON Edge of Town Residential Zone Number of dwellings: 45.00 DWELLS Survey date: Wednesday 18/05/2022	NY-03-A-14	DETACHED & BUNGALOWS	NORTH YORKSHIRE	Survey Type: Manual
78 MILBY ROAD BOROUGHBRIDGE MILBY Edge of Town Residential Zone Number of dwellings: 145.00 DWELLS Survey date: Thursday 19/09/2024	NY-03-A-15	DETACHED & SEMI-DETACHED	NORTH YORKSHIRE	Survey Type: Manual
79 EASTFIELD ROAD PETERBOROUGH Suburban Area Residential Zone Number of dwellings: 28.00 DWELLS Survey date:	PB-03-A-04	DETACHED HOUSES	PETERBOROUGH	Survey Type: Manual
80 GUNROG ROAD WELSHPOOL Suburban Area Residential Zone Number of dwellings: 28.00 DWELLS Survey date:	PS-03-A-02	DETACHED/SEMI-DETACHED	POWYS	Survey Type: Manual
81 FOLLY HILL FARNHAM Edge of Town Residential Zone Number of dwellings: 96.00 DWELLS Survey date: Tuesday 14/05/2024	SC-03-A-11	MIXED HOUSES	SURREY	Survey Type: Manual
82 AARONS HILL GODALMING Edge of Town Residential Zone Number of dwellings: 252.00 DWELLS Survey date: Wednesday 12/06/2024	SC-03-A-12	MIXED HOUSES & FLATS	SURREY	Survey Type: Manual
83 HOLLOWAY HILL CHERTSEY Edge of Town Residential Zone Number of dwellings: 186.00 DWELLS Survey date: Tuesday 22/10/2024	SC-03-A-14	MIXED HOUSES & FLATS	SURREY	Survey Type: Manual
84 REIGATE ROAD HORLEY	SC-03-A-15	MIXED HOUSES	SURREY	



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Edge of Town Residential Zone Number of dwellings: 1177.00 DWELLS Survey date: Thursday 24/04/2025				Survey Type: Manual
85	SF-03-A-05	DETACHED HOUSES	SUFFOLK	
VALE LANE BURY ST EDMUNDS Edge of Town Residential Zone Number of dwellings: 18.00 DWELLS Survey date: Wednesday 09/09/2015				Survey Type: Manual
86	SF-03-A-09	MIXED HOUSES & FLATS	SUFFOLK	
FOXHALL ROAD IPSWICH Suburban Area Residential Zone Number of dwellings: 179.00 DWELLS Survey date: Thursday 24/06/2021				Survey Type: Manual
87	SF-03-A-10	TERRACED & SEMI-DETACHED	SUFFOLK	
LOVETOFTS DRIVE IPSWICH WHITEHOUSE Edge of Town Residential Zone Number of dwellings: 149.00 DWELLS Survey date: Tuesday 22/06/2021				Survey Type: Manual
88	SM-03-A-01	DETACHED & SEMI	SOMERSET	
WEMBDON ROAD BRIDGWATER NORTHFIELD Edge of Town Residential Zone Number of dwellings: 33.00 DWELLS Survey date: Thursday 24/09/2015				Survey Type: Manual
89	SP-03-A-03	MIXED HOUSES & FLATS	SOUTHAMPTON	
BARNFIELD WAY NEAR SOUTHAMPTON HEDGE END Edge of Town Out of Town Number of dwellings: 250.00 DWELLS Survey date: Thursday 03/10/2024				Survey Type: Manual
90	ST-03-A-07	DETACHED & SEMI-DETACHED	STAFFORDSHIRE	
BEACONSIDE STAFFORD MARSTON GATE Edge of Town Residential Zone Number of dwellings: 248.00 DWELLS Survey date: Wednesday 22/11/2017				Survey Type: Manual
91	TI-03-A-01	MIXED HOUSES	TIPPERARY	
BRITTAS ROAD THURLES Edge of Town Out of Town Number of dwellings: 76.00 DWELLS				



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Survey date: Thursday 17/06/2021

Survey Type: Manual

92	VG-03-A-01	SEMI-DETACHED & TERRACED	VALE OF GLAMORGAN
ARTHUR STREET BARRY Edge of Town Residential Zone Number of dwellings: 12.00 DWELLS Survey date:			
		Survey Type: Manual	
93	WB-03-A-04	MIXED HOUSES	WEST BERKSHIRE
DORKING WAY READING CALCOT Edge of Town Residential Zone Number of dwellings: 199.00 DWELLS Survey date: Thursday 12/09/2024			
		Survey Type: Manual	
94	WC-03-A-01	DETACHED HOUSES	WICKLOW
STATION ROAD WICKLOW CORPORATION MURRAGH Edge of Town No Sub Category Number of dwellings: 50.00 DWELLS Survey date:			
		Survey Type: Manual	
95	WK-03-A-04	DETACHED HOUSES	WARWICKSHIRE
DALEHOUSE LANE KENILWORTH Edge of Town Residential Zone Number of dwellings: 49.00 DWELLS Survey date: Friday 27/09/2019			
		Survey Type: Manual	
96	WS-03-A-08	MIXED HOUSES	WEST SUSSEX
ROUNDSTONE LANE ANGMERING Edge of Town Residential Zone Number of dwellings: 180.00 DWELLS Survey date: Thursday 19/04/2018			
		Survey Type: Manual	
97	WS-03-A-11	MIXED HOUSES	WEST SUSSEX
ELLIS ROAD WEST HORSHAM S BROADBRIDGE HEATH Edge of Town Residential Zone Number of dwellings: 918.00 DWELLS Survey date: Tuesday 02/04/2019			
		Survey Type: Manual	
98	WS-03-A-13	MIXED HOUSES & FLATS	WEST SUSSEX
LITTLEHAMPTON ROAD WORTHING WEST DURRINGTON Edge of Town Residential Zone Number of dwellings: 197.00 DWELLS Survey date: Wednesday 23/06/2021			
		Survey Type: Manual	
99	WS-03-A-14	MIXED HOUSES	WEST SUSSEX



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

TODDINGTON LANE
LITTLEHAMPTON
WICK

Edge of Town

Residential Zone

Number of dwellings: 117.00 DWELLS

Survey date: Wednesday 20/10/2021

Survey Type: Manual

100 WS-03-A-22

MIXED HOUSES & FLATS

WEST SUSSEX

SHOPWHYKE ROAD
CHICHESTER

Edge of Town

Residential Zone

Number of dwellings: 129.00 DWELLS

Survey date: Tuesday 19/03/2024

Survey Type: Manual

101 WS-03-A-23

MIXED HOUSES & FLATS

WEST SUSSEX

TURNERS HILL ROAD
EAST GRINSTEAD

Edge of Town

Residential Zone

Number of dwellings: 197.00 DWELLS

Survey date: Tuesday 14/05/2024

Survey Type: Manual

102 WS-03-A-24

MIXED HOUSES

WEST SUSSEX

MADGWICK LANE
CHICHESTER

WESTHAMPNETT

Edge of Town

Village

Number of dwellings: 300.00 DWELLS

Survey date: Thursday 23/05/2024

Survey Type: Manual

103 WS-03-A-26

MIXED HOUSES & FLATS

WEST SUSSEX

RUSPER ROAD
HORSHAM
NORTH HORSHAM

Edge of Town

Residential Zone

Number of dwellings: 165.00 DWELLS

Survey date: Tuesday 24/09/2024

Survey Type: Manual

104 WS-03-A-27

MIXED HOUSES & FLATS

WEST SUSSEX

OCKLEY LANE
HASSOCKS

Edge of Town

Residential Zone

Number of dwellings: 160.00 DWELLS

Survey date: Friday 20/09/2024

Survey Type: Manual

105 WS-03-A-28

MIXED HOUSES & FLATS

WEST SUSSEX

SHOPWHYKE ROAD
CHICHESTER

Edge of Town

Residential Zone

Number of dwellings: 398.00 DWELLS

Survey date: Wednesday 18/06/2025

Survey Type: Manual

106 YO-03-A-02

MIXED HOUSES & FLATS

YORK

WATER LANE

YORK

CLIFTON MOOR

Suburban Area



Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Residential Zone
Number of dwellings: 212.00 DWELLS
Survey date: Wednesday 18/09/2024

Survey Type: Manual

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Total Vehicles

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.074	0.286	0.360
08:00-09:00	106	170	0.151	0.374	0.525
09:00-10:00	106	170	0.132	0.161	0.293
10:00-11:00	106	170	0.112	0.137	0.249
11:00-12:00	106	170	0.122	0.129	0.251
12:00-13:00	106	170	0.147	0.139	0.286
13:00-14:00	106	170	0.150	0.143	0.293
14:00-15:00	106	170	0.150	0.171	0.321
15:00-16:00	106	170	0.248	0.168	0.416
16:00-17:00	106	170	0.268	0.159	0.427
17:00-18:00	106	170	0.337	0.169	0.506
18:00-19:00	106	170	0.273	0.148	0.421
19:00-20:00	1	9	0.111	0.111	0.222
20:00-21:00	1	9	0.111	0.000	0.111
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.386	2.295	4.681

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	106
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Total People

Calculation factor: 1 DWELLS

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.105	0.479	0.584
08:00-09:00	106	170	0.226	0.781	1.007
09:00-10:00	106	170	0.201	0.258	0.459
10:00-11:00	106	170	0.167	0.215	0.382
11:00-12:00	106	170	0.190	0.206	0.396
12:00-13:00	106	170	0.227	0.216	0.443
13:00-14:00	106	170	0.232	0.219	0.451
14:00-15:00	106	170	0.243	0.265	0.508
15:00-16:00	106	170	0.544	0.279	0.823
16:00-17:00	106	170	0.503	0.262	0.765
17:00-18:00	106	170	0.555	0.281	0.836
18:00-19:00	106	170	0.446	0.250	0.696
19:00-20:00	1	9	0.222	0.222	0.444
20:00-21:00	1	9	0.111	0.000	0.111
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			3.972	3.933	7.905

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	106
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Cyclists

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.003	0.009	0.012
08:00-09:00	106	170	0.005	0.019	0.024
09:00-10:00	106	170	0.002	0.004	0.006
10:00-11:00	106	170	0.002	0.003	0.005
11:00-12:00	106	170	0.002	0.002	0.004
12:00-13:00	106	170	0.003	0.002	0.005
13:00-14:00	106	170	0.003	0.003	0.006
14:00-15:00	106	170	0.004	0.003	0.007
15:00-16:00	106	170	0.012	0.005	0.017
16:00-17:00	106	170	0.012	0.006	0.018
17:00-18:00	106	170	0.010	0.006	0.016
18:00-19:00	106	170	0.006	0.005	0.011
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.064	0.067	0.131

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	09/09/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	93
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

PSVs

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.001	0.001	0.002
08:00-09:00	106	170	0.001	0.001	0.002
09:00-10:00	106	170	0.001	0.001	0.002
10:00-11:00	106	170	0.001	0.001	0.002
11:00-12:00	106	170	0.001	0.001	0.002
12:00-13:00	106	170	0.001	0.001	0.002
13:00-14:00	106	170	0.001	0.001	0.002
14:00-15:00	106	170	0.001	0.001	0.002
15:00-16:00	106	170	0.001	0.001	0.002
16:00-17:00	106	170	0.001	0.001	0.002
17:00-18:00	106	170	0.001	0.001	0.002
18:00-19:00	106	170	0.001	0.001	0.002
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.012	0.012	0.024

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	23/03/2016 - 18/06/2025
Number of weekdays (Monday-Friday):	22
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

OGVs

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.001	0.001	0.002
08:00-09:00	106	170	0.002	0.002	0.004
09:00-10:00	106	170	0.002	0.001	0.003
10:00-11:00	106	170	0.002	0.002	0.004
11:00-12:00	106	170	0.003	0.002	0.005
12:00-13:00	106	170	0.002	0.002	0.004
13:00-14:00	106	170	0.001	0.001	0.002
14:00-15:00	106	170	0.001	0.001	0.002
15:00-16:00	106	170	0.001	0.002	0.003
16:00-17:00	106	170	0.001	0.001	0.002
17:00-18:00	106	170	0.001	0.001	0.002
18:00-19:00	106	170	0.000	0.000	0.000
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.017	0.016	0.033

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	82
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Taxis

Calculation factor: 1 DWELLS

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.003	0.003	0.006
08:00-09:00	106	170	0.006	0.006	0.012
09:00-10:00	106	170	0.003	0.003	0.006
10:00-11:00	106	170	0.002	0.002	0.004
11:00-12:00	106	170	0.002	0.002	0.004
12:00-13:00	106	170	0.002	0.003	0.005
13:00-14:00	106	170	0.003	0.003	0.006
14:00-15:00	106	170	0.002	0.002	0.004
15:00-16:00	106	170	0.005	0.004	0.009
16:00-17:00	106	170	0.004	0.004	0.008
17:00-18:00	106	170	0.003	0.003	0.006
18:00-19:00	106	170	0.002	0.003	0.005
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.037	0.038	0.075

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	23/03/2016 - 30/06/2025
Number of weekdays (Monday-Friday):	86
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Cars

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.057	0.252	0.309
08:00-09:00	106	170	0.127	0.340	0.467
09:00-10:00	106	170	0.109	0.139	0.248
10:00-11:00	106	170	0.089	0.113	0.202
11:00-12:00	106	170	0.097	0.103	0.200
12:00-13:00	106	170	0.121	0.112	0.233
13:00-14:00	106	170	0.123	0.116	0.239
14:00-15:00	106	170	0.128	0.148	0.276
15:00-16:00	106	170	0.220	0.141	0.361
16:00-17:00	106	170	0.235	0.136	0.371
17:00-18:00	106	170	0.303	0.149	0.452
18:00-19:00	106	170	0.250	0.133	0.383
19:00-20:00	1	9	0.111	0.111	0.222
20:00-21:00	1	9	0.111	0.000	0.111
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.081	1.993	4.074

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	106
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

LGVs

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.011	0.028	0.039
08:00-09:00	106	170	0.014	0.023	0.037
09:00-10:00	106	170	0.018	0.017	0.035
10:00-11:00	106	170	0.018	0.019	0.037
11:00-12:00	106	170	0.019	0.020	0.039
12:00-13:00	106	170	0.020	0.020	0.040
13:00-14:00	106	170	0.021	0.021	0.042
14:00-15:00	106	170	0.017	0.018	0.035
15:00-16:00	106	170	0.019	0.018	0.037
16:00-17:00	106	170	0.025	0.016	0.041
17:00-18:00	106	170	0.026	0.014	0.040
18:00-19:00	106	170	0.017	0.010	0.027
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.225	0.224	0.449

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	105
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Motorcycles

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.000	0.001	0.001
08:00-09:00	106	170	0.001	0.002	0.003
09:00-10:00	106	170	0.000	0.001	0.001
10:00-11:00	106	170	0.001	0.001	0.002
11:00-12:00	106	170	0.001	0.001	0.002
12:00-13:00	106	170	0.001	0.001	0.002
13:00-14:00	106	170	0.001	0.001	0.002
14:00-15:00	106	170	0.001	0.002	0.003
15:00-16:00	106	170	0.001	0.002	0.003
16:00-17:00	106	170	0.003	0.002	0.005
17:00-18:00	106	170	0.003	0.002	0.005
18:00-19:00	106	170	0.003	0.002	0.005
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.016	0.018	0.034

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/07/2016 - 30/06/2025
Number of weekdays (Monday-Friday):	74
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Vehicle Occupants

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.085	0.398	0.483
08:00-09:00	106	170	0.182	0.613	0.795
09:00-10:00	106	170	0.163	0.216	0.379
10:00-11:00	106	170	0.142	0.182	0.324
11:00-12:00	106	170	0.157	0.170	0.327
12:00-13:00	106	170	0.190	0.180	0.370
13:00-14:00	106	170	0.195	0.181	0.376
14:00-15:00	106	170	0.198	0.221	0.419
15:00-16:00	106	170	0.413	0.226	0.639
16:00-17:00	106	170	0.413	0.219	0.632
17:00-18:00	106	170	0.477	0.234	0.711
18:00-19:00	106	170	0.381	0.210	0.591
19:00-20:00	1	9	0.222	0.222	0.444
20:00-21:00	1	9	0.111	0.000	0.111
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			3.329	3.272	6.601

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	106
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Pedestrians

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.016	0.044	0.060
08:00-09:00	106	170	0.036	0.112	0.148
09:00-10:00	106	170	0.032	0.029	0.061
10:00-11:00	106	170	0.020	0.024	0.044
11:00-12:00	106	170	0.027	0.026	0.053
12:00-13:00	106	170	0.029	0.028	0.057
13:00-14:00	106	170	0.029	0.030	0.059
14:00-15:00	106	170	0.034	0.036	0.070
15:00-16:00	106	170	0.092	0.041	0.133
16:00-17:00	106	170	0.058	0.034	0.092
17:00-18:00	106	170	0.049	0.039	0.088
18:00-19:00	106	170	0.044	0.032	0.076
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.466	0.475	0.941

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	104
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Public Transport Users

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.001	0.028	0.029
08:00-09:00	106	170	0.003	0.032	0.035
09:00-10:00	106	170	0.003	0.009	0.012
10:00-11:00	106	170	0.003	0.006	0.009
11:00-12:00	106	170	0.004	0.007	0.011
12:00-13:00	106	170	0.004	0.005	0.009
13:00-14:00	106	170	0.005	0.005	0.010
14:00-15:00	106	170	0.007	0.005	0.012
15:00-16:00	106	170	0.023	0.005	0.028
16:00-17:00	106	170	0.019	0.003	0.022
17:00-18:00	106	170	0.018	0.002	0.020
18:00-19:00	106	170	0.013	0.002	0.015
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.103	0.109	0.212

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.

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	92
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Bus/Tram Passengers

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.001	0.020	0.021
08:00-09:00	106	170	0.003	0.025	0.028
09:00-10:00	106	170	0.003	0.007	0.010
10:00-11:00	106	170	0.003	0.005	0.008
11:00-12:00	106	170	0.004	0.007	0.011
12:00-13:00	106	170	0.004	0.004	0.008
13:00-14:00	106	170	0.004	0.005	0.009
14:00-15:00	106	170	0.007	0.005	0.012
15:00-16:00	106	170	0.020	0.005	0.025
16:00-17:00	106	170	0.016	0.003	0.019
17:00-18:00	106	170	0.013	0.002	0.015
18:00-19:00	106	170	0.008	0.002	0.010
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.086	0.090	0.176

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/05/2015 - 30/06/2025
Number of weekdays (Monday-Friday):	88
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Coach Passengers

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.000	0.001	0.001
08:00-09:00	106	170	0.000	0.001	0.001
09:00-10:00	106	170	0.000	0.000	0.000
10:00-11:00	106	170	0.000	0.000	0.000
11:00-12:00	106	170	0.000	0.000	0.000
12:00-13:00	106	170	0.000	0.000	0.000
13:00-14:00	106	170	0.000	0.000	0.000
14:00-15:00	106	170	0.000	0.000	0.000
15:00-16:00	106	170	0.001	0.000	0.001
16:00-17:00	106	170	0.000	0.000	0.000
17:00-18:00	106	170	0.000	0.000	0.000
18:00-19:00	106	170	0.000	0.000	0.000
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.001	0.002	0.003

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	23/03/2016 - 22/05/2025
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

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

Total Rail Passengers

Calculation factor: 1 DWELLS

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	106	170	0.000	0.007	0.007
08:00-09:00	106	170	0.000	0.006	0.006
09:00-10:00	106	170	0.000	0.002	0.002
10:00-11:00	106	170	0.000	0.001	0.001
11:00-12:00	106	170	0.000	0.000	0.000
12:00-13:00	106	170	0.000	0.001	0.001
13:00-14:00	106	170	0.001	0.000	0.001
14:00-15:00	106	170	0.001	0.000	0.001
15:00-16:00	106	170	0.002	0.001	0.003
16:00-17:00	106	170	0.002	0.000	0.002
17:00-18:00	106	170	0.005	0.000	0.005
18:00-19:00	106	170	0.005	0.000	0.005
19:00-20:00	1	9	0.000	0.000	0.000
20:00-21:00	1	9	0.000	0.000	0.000
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.016	0.018	0.034

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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Audit Code: 3804c34c-4283-47cc-8cc6-4851fee27475

Parameter Summary:

Trip rate parameter range selected:	6 - 1817 (units: DWELLS)
Survey date date range:	11/07/2016 - 30/06/2025
Number of weekdays (Monday-Friday):	42
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	27
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.

APPENDIX D

Topographical Survey



- KEY:
- CBF CLOSEBOARD FENCE
 - CL CROWN LEVEL
 - CIF CHAIN LINK FENCE
 - IC INSPECTION COVER
 - UP UNWATER
 - PWF POST & RAIL FENCE
 - WAF WIRE MESH FENCE
 - WV WATER VALVE
 - + SPOT LEVEL
 - ~ SLOPING BANK



HORIZONTAL DATUM:
ASBESTY - ADJUNED WITH PREDOMINANT FENCE LINE

VERTICAL DATUM:
BASED ON ORDNANCE SURVEY DATUM

REVISIONS:		
NO.	DATE	REVISIONS

PROJECT NAME:
**LAND ADJACENT TO
THE CRESCENT
ST IPPOLYTIS, HITCHIN, HERTS**

CLIENT:
HORNBEAM HOMES

DRAWING TITLE:
TOPOGRAPHICAL SURVEY

SURVEYED BY: TL	DRAWN BY: TL
DRAWING NUMBER: 6085/1	REVISION: -
SCALE: 1:200 (A1)	DATE: FEB 2024



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