

Manchester Business Park, Aviator Way

Framework Delivery and Servicing Management Strategy

December 2025

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This document has been prepared and checked in accordance with
Waterman Group's IMS (BS EN ISO 9001: 2015, BS EN ISO 14001: 2015 and BS EN ISO 45001:2018)

Revision	Status	Date	Prepared by	Checked by	Approved by
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Comments

Comments

Revision		Status	
P*nn*	Preliminary (shared; non-contractual)	S1	Coordination
C*nn*	Contractual	S2	Information
		S3	Review & Comment
		S4	Review & Authorise
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Disclaimer

This report has been prepared by Waterman Infrastructure & Environment Ltd, with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporation of our General Terms and Condition of Business and taking account of the resources devoted to us by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.

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1. Introduction

General

1.1 Waterman Infrastructure & Environment Ltd ('Waterman') has been appointed by Ask Real Estate Limited (the 'Client') to prepare a Framework Delivery & Servicing Management Strategy (DSMS) in support of an application for Full Planning Permission for a development of 9 no. Commercial B2 (General Industry) and B8 (Storage and distribution) units to form light industrial and ancillary office space, with associated landscaping works, access and car parking at Unit 2000, Aviator Way, near Manchester Airport, Greater Manchester, M22 1GE (the 'Site').

1.2 The Site, comprising a 3.21 ha plot of land situated to the north of Manchester Airport and the A555 Ringway Road West, is bounded to the north by residential housing along Thornsgreen Road, to the east by existing Manchester Business Park office units, to the south by Aviator Way and the A555 Ringway Road West, and to the west by Woodhouse Lane and existing Manchester Business Park units beyond this.

1.3 The Site is located within the jurisdiction of Manchester City Council (MCC) as Local Planning and Highway Authority, and Transport for Greater Manchester (TfGM). The M56, forming part of the Strategic Road Network (SRN) managed by National Highways, is located to the west of the A555. Aviator Way, and the adjoining Enterprise Way, are Private Streets, unadopted and not maintainable at the public expense.

Background

1.4 Planning permission had previously been granted on the Site for Class B1 office building land use under Planning Ref No. 123105/OO/2019. This permission has now lapsed and consequently the Proposed Development is considered to represent a new application on a currently vacant plot.

1.5 The Proposed Development comprises flexible Class B2 (General Industrial) and Class B8 (Storage and distribution) land use, providing 10,167 sqm GIA of commercial floor space across nine units, with ancillary office space, associated parking, infrastructure, and access.

Document Purpose

1.6 The DSMS has been prepared with reference to the good practice and guidance documents published by Transport for Greater Manchester ('TfGM').

1.7 The DSMS will form a 'live' document for the lifecycle of the development, being updated as necessary as the needs of the building change.

1.8 The implementation of measures set out within this DSMS will assist with minimising the number of delivery and servicing trips and to mitigate the impact on the local highway network. The key aim of this DSMS will be to reduce any impacts of delivery and servicing in the local highway and transport networks.

Objectives and Report Purpose

1.9 The key objective of the DSMS is to reduce and mitigate the impact of delivery and servicing on the surrounding transport network. The DSMS will ensure that the Site operates efficiently, whilst avoiding congestion and unnecessary vehicle movements.

1.10 The DSMS outlines a wider management strategy, involving a series of measures and monitoring mechanisms to help mitigate the impact of servicing the Site on the surrounding area.

1.11 The DSMS will manage deliveries and servicing activity in order to:

- Ensure all delivery and servicing takes place off-street, with the primary servicing activity all taking place in forward gear, where practicable;
- Ensure deliveries are appropriately timed and managed, to ensure that there are no missed deliveries or that servicing vehicles are waiting on-street;
- Ensure deliveries are undertaken with the most appropriately sized vehicle, with an emphasis on sustainable freight and last mile deliveries;
- Allow all servicing activity to be undertaken as efficiently as practicably possible, whilst still being in a safe manner, meaning the dwell time of deliveries is as low as possible and that there are no accidents - to reduce obstruction and congestion on the local network.

1.12 The implementation of the DSMS will significantly improve the existing situation, since it will be able to provide some level of control over delivery and servicing activity, where currently, there is no strategy or mechanism in place to review deliveries.

Document Structure

1.13 Following this Introduction, this document is structured as follows:

- Section 2: Policy Context;
- Section 3: Baseline Conditions;
- Section 4: Trip and Vehicle Assessment;
- Section 5: Delivery Route and Arrivals;
- Section 6: Servicing Mitigation Measures; and
- Section 7: Delivery Monitoring and Review.

2. Policy Context

Introduction

2.1 This section summarises the relevant national and local guidance from which the proposed delivery and servicing arrangements have evolved.

Planning Policy

National Planning Policy Framework (NPPF, 2024)

2.2 When considering development proposals, paragraph 115 of the NPPF (updated December 2024) states that in assessing sites that may be allocated for development in plans, or specific applications for development, it should be ensured that safe and suitable access to the site can be achieved for all users.

2.3 Paragraph 117 states that within this context, applications for development should allow for the efficient delivery of goods, and access by service and emergency vehicles.

Greater Manchester Transport Strategy 2040

2.4 The Greater Manchester Transport Strategy 2040 was published in February 2017, and updated in February 2021, and is the overall strategic plan for Greater Manchester, setting out an integrated economic, environmental, transport and social framework for the development of Greater Manchester over the next 10-15 years.

2.5 The Greater Manchester Transport Strategy 2040 sets out the need for DSPs. TfGM's long-term aim is to ensure the ongoing implementation of Delivery Service Plans (DSPs) by local private and public organisations. The key policies relating to deliveries and servicing are included below for reference.

2.6 Policy 3: "*We will maintain a programme of interventions encouraging people to make sustainable journeys. We will support this programme through journey planning tools, and information to encourage travel behaviour change and mode shift, in order to make the most efficient use of available capacity (particularly during peak periods).*

We also need to reduce demand on road space from freight, particularly during peak periods, through measures such as consolidation, delivery and servicing plans, routing strategies and use of sustainable modes."

2.7 Policy 19: "*We will work, including through the GM logistics forums, to improve journey times and reliability for deliveries, and to reduce the environmental impact of logistics."*

2.8 Goods and Servicing: "*Our Ambition: To enhance freight's role in contributing to economic growth and ensure that it becomes increasingly sustainable, minimising its impact on the environment and on communities in Greater Manchester."*

2.9 "*A key intervention will be to maximise consolidation, whereby deliveries to the same location are bundled together or where goods are delivered to locations for onward distribution by smaller, low emission vehicles (including cycles or electric-assisted cycles in town and city centres) or for collection by individuals. This will reduce the numbers of large goods vehicles entering the city and town centres, reducing noise, congestion and air pollution. Supporting changes in procurement, such as in commercial waste collection and across the public sector will also have an effect."*

Five Year Transport Delivery Plan 2021- 2026

2.10 The Five Year Transport Delivery Plan (2021–2026) details what Greater Manchester wants to achieve in the next five years as the first steps towards delivering its vision for transport. It sets out the practical actions planned to deliver the Greater Manchester Transport Strategy 2040 and achieve the ambitions of the Greater Manchester Combined Authority (GMCA) and the Mayor, providing a coordinated approach to transport investment. It is also intended to inform the development of the Greater Manchester Infrastructure Programme (GMIP) and outline Greater Manchester's future transport investment pipeline.

2.11 The delivery plan is structured around five themes; bus, Metrolink, rail, streets and the integrated network.

2.12 TfGM and the 10 local authorities will work with the freight and logistics industry and large public sector organisations such as the NHS to introduce sustainable distribution where possible, including consolidation in urban areas and for public sector organisations. They will work with couriers and other delivery companies to support micro-consolidation and 'last mile' using greener vehicles.

Fleet Operators Recognition Scheme (FORS)

2.13 The Fleet Operator Recognition Scheme (FORS) is a voluntary accreditation scheme that recognises operators who have adopted cleaner, safer, and more efficient practices. Procurement can be used to encourage operators to adopt the latest safety and environmental standards.

2.14 The FORS has three membership levels: Bronze, Silver and Gold. Bronze members must meet the following requirements:

- Drivers and vehicle management;
- Vehicle maintenance and fleet management;
- Transport operations; and
- Assessing the performance of company policies.

2.15 Silver and Gold level members meanwhile need to provide data to enable benchmarked values to be produced per million kilometres for each type of vehicle for:

- Fuel use;
- CO2 and emissions;
- Vehicle incidents; and
- Penalty charge notice and fines

Local Policy and Guidance

Delivery and Service Planning Toolkit

2.16 The Delivery and Servicing Planning Toolkit is an accessible online tool that helps businesses to identify opportunities to better manage deliveries and ensure supplies are delivered when they are needed. The DSMS will also help to reduce the negative impacts of delivery-related activities, such as harmful emissions, congestion and collisions, including moving freight on low emission vehicles. The toolkit is specifically designed to target deliveries in congested areas such as city and town centres as well as key radial routes.

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MCC's Waste Storage and Collection Guidance for New Developments (2023)

2.18 The document is a practical guide to minimum standards for planners, architects, developers, and property managers to assist in planning and designing systems for the storage and collection of refuse, and for recycling facilities in domestic and commercial properties.

2.19 The MCC Waste Proforma comprises the following:

- Estimated volumes and types of waste produced by the development;
- Details of internal and external stores for both waste and recycling, including and plans and designs;
- Location of the proposed collection point and details of the route collection vehicles will take;
- Details of how waste will be transferred between stores and to the collection location; and
- Details of number and capacity of bins proposed and collection frequency.

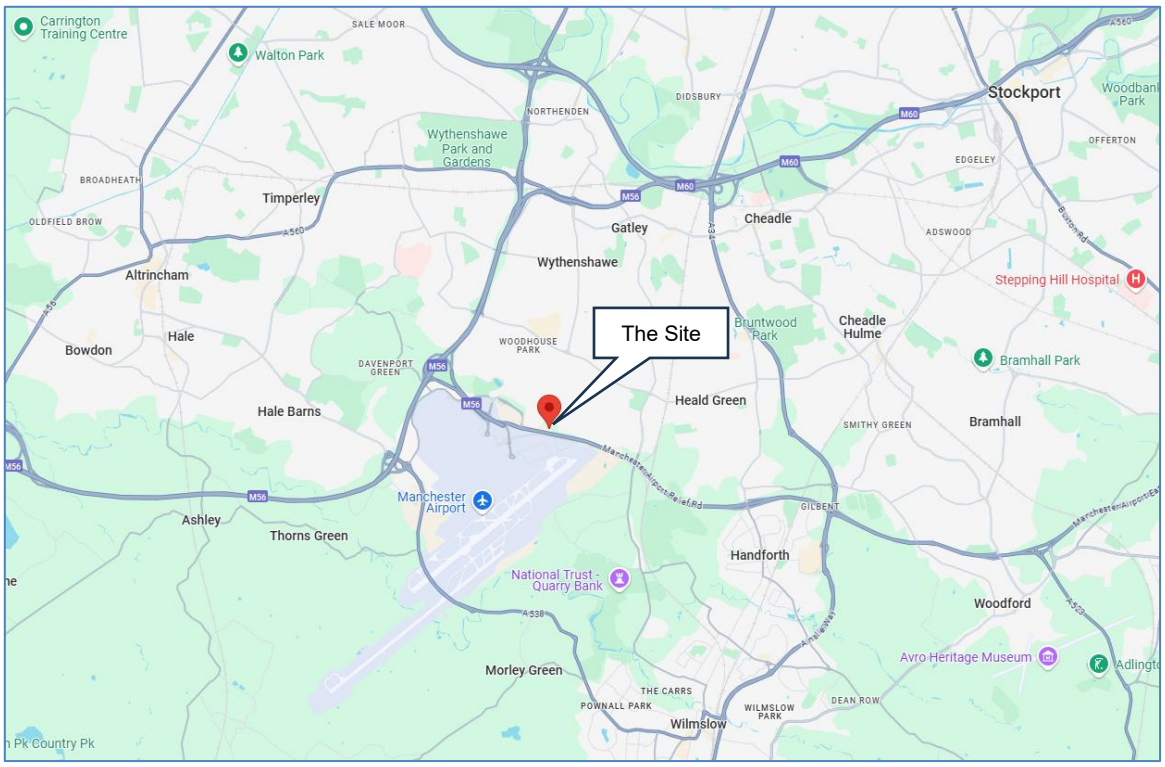
3. Baseline Conditions

Site Description

3.1 The Site is situated on the Manchester Business Park, immediately north of Manchester Airport and the A555 Manchester Airport Relief Road (Ringway Road West), approximately 12.5 km south of Manchester City Centre. The location of the Site, in the context of the surrounding areas of Greater Manchester, is illustrated by Figure 1 below.

3.2 The Site currently comprises an area of undeveloped land, approximately 2.94 ha in size. It is bounded to the south by Aviator Way, to the east and west by existing occupied commercial units within the Business Park, and to the north by existing residential properties within the Woodhouse Park area of Manchester.

Figure 1: Site Location Plan



Vehicular Access

3.3 The Site is accessed from the south by Aviator Way, a two-way single carriageway road which connects to Enterprise Way to the west. Enterprise Way connects to Ringway Road which runs east to west through the southern half of the site.

3.4 Aviator Way is subject to a 25mph speed limit.

Walking

3.5 A variety of key services and facilities, alongside transport connections, and residential areas, are located within a 2km walking distance and 5km cycling distance of the Site, including Wythenshawe town centre and Manchester Airport.

3.6 There is currently no footway on the southern side of Aviator Way, however, there are two crossing points for pedestrians and cyclists, providing access across Aviator Way to the A555, the easternmost of which doubles as an emergency vehicle access.

3.7 A continuous cycle/footway route via Enterprise Way (circa 1.8km in length, 7 minutes by bicycle) currently provides access between the Site and the Bus/Rail Interchange at Manchester Airport. The provision of appropriate signal-controlled and uncontrolled crossings, with tactile paving and dropped kerbs, allows for both types of user to cross carriageways safely.

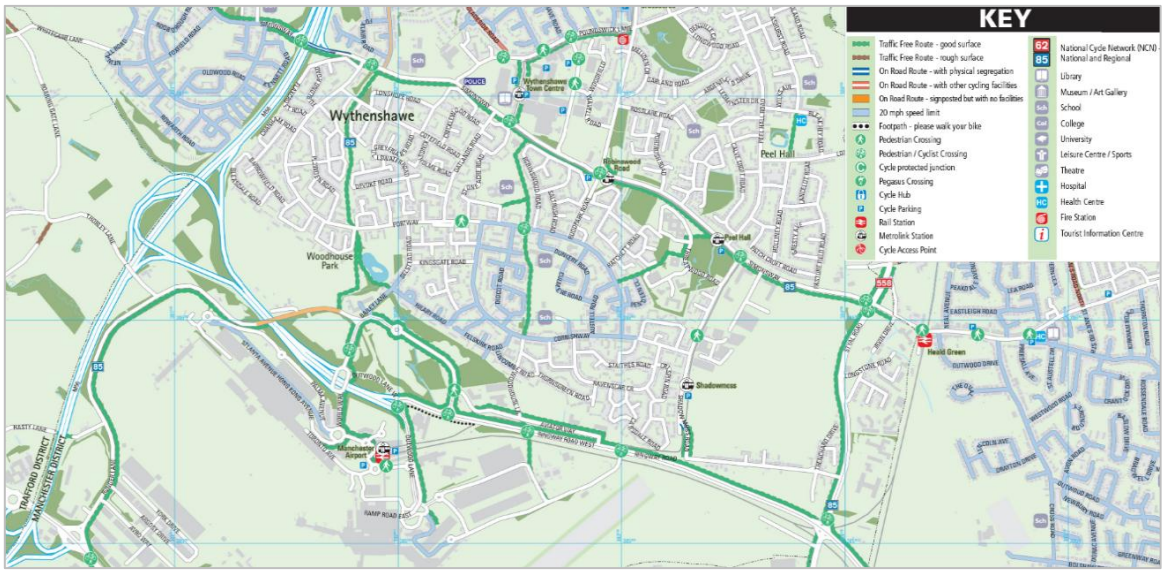
3.8 Alternative pedestrian routes between the Site and Manchester Airport are available via the A555 Ringway Road West, either via a footbridge over the M56 (circa 1.3km in length, 19 minutes on foot), or via Outwood Lane (circa 1.2km in length, 17 minutes on foot).

Cycling

3.9 A shared cycle/footway currently runs along the entire length of Aviator Way on its northern side, passing the frontage of the Site. This cycle/footway connects with Woodhouse Lane, which runs along the western boundary of the Site, forming a cycle/footway connection with the residential areas to the north. To the east and west of the Site, the Aviator Way cycle/footway connects with the existing pedestrian and cycle networks alongside the A555 and Enterprise Way, facilitating access for Manchester Airport and beyond.

3.10 The cycle network in the vicinity of the Site is illustrated by the extract from Transport for Greater Manchester (TfGM)'s cycle network map, presented at Figure 2 below.

Figure 2: Local Cycle Network



4. Trip & Vehicle Assessment

Servicing Requirements and Opportunities

4.1 In principle, it is expected that servicing arrangements for the Site will be accommodated such that delivery and servicing vehicles will enter the Site from Aviator Way, turn around within the Site, and exit back onto Aviator Way in forward gear. The Site Layout Plan is attached at Appendix A.

4.2 Swept path analysis has been undertaken on vehicle tracking software using a 16.5m length Articulated Vehicle, which is the largest vehicle expected to arrive or depart the Site. Appendix B presents the swept path analysis for each individual unit, the internal service road, and the route between the Site and A555; the breakdown of which is set out in Table 1 below, along with their corresponding drawing numbers.

Table 1: Swept Path Analysis Drawings

Description	Drawing Number
Unit 1A – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050101
Unit 1B – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050103
Units 2A + 2B – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050104
Unit 2C – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050105
Unit 3A – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050106
Units 3B + 3C – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050107
Unit 4 – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050108
Service Road – Swept Path Analysis 1/2	21347101-WAT-HGN-ZZ-XX-DR-H-050109
Service Road – Swept Path Analysis 2/2	21347101-WAT-HGN-ZZ-XX-DR-H-050110
Route to Site from A555 – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050111
Route from Site to A555 – Swept Path Analysis	21347101-WAT-HGN-ZZ-XX-DR-H-050112

4.3 In terms of refuse collection, MCC's 'Waste Storage and Collection Guidance for New Developments' (2023) document sets out the dimensions based on the vehicles used by MCC or their nominated contractor(s). Fully laden vehicles weigh approximately 32 tonnes so sufficient room has been allowed to manoeuvre and load a refuse collection vehicle with the following dimensions:

- Length – 11.5 metres
- Width – 3 metres
- Height – 4 metres
- Turning circle (between kerbs) – 17.88 metres

4.4 Further information will be provided within the 'Refuse Collection and Waste Strategy' in Section 6 of this report.

Anticipated Servicing Trips

4.5 At the time of writing, the future occupiers of the Proposed Development are unknown so specific details of delivery and servicing patterns can't be identified. As such, OGV trip rates from the trip generation exercise as part of the Transport Assessment (TA) have been used as interim figures.

4.6 This assessment represents a robust methodology as the TRICS OGV outputs include operational trips as well as those attributed to delivery and servicing.

4.7 The TRICS (v8.25.6) database was investigated for both B2 and B8 land use scenarios under employment land use categories 'D – Industrial Estate' and 'F – Warehousing (commercial)', respectively. The following parameters were applied to identify surveys in locations exhibiting similar characteristics to the Site:

- Only 'Edge of Town' and 'Suburban Area' sites were selected;
- Only sites in England (excl. Greater London) were selected;
- Surveys undertaken during the periods of Covid-19 restrictions were excluded;
- Only weekday surveys were selected; and
- Surveys between the years of 2016-2024 were selected.

4.8 Full TRICS outputs are provided at Appendix C of this report. Table 2 provides a summary of the OGV trip rates (TR) derived from TRICS and the corresponding trips for both the B2 and B8 land use scenarios.

Table 2: OGV Trip Rates and Associated Movements (10,167 sqm)

Time Period	B2 Scenario					B8 Scenario				
	Arrivals		Departures		Two-Way	Arrivals		Departures		Two-Way
	TR	Trips	TR	Trips		TR	Trips	TR	Trips	
AM Peak (10:00 – 11:00)	0.033	3	0.028	3	**6**	0.025	3	0.027	3	**6**
PM Peak (15:00 – 16:00)	0.020	2	0.028	3	**5**	0.024	2	0.021	2	**4**
Daily (05:00 – 21:00)	0.280	28	0.271	27	**55**	0.264	27	0.261	26	**53**

4.9 The analysis indicated that the Proposed Development as B2 (Industrial Estate) use would generate a total of 55 daily two-way OGV trips, 6 and 5 of which would be in the AM (10:00-11:00) peak and PM (15:00-16:00) peak hours, respectively. As B8 (Warehousing Commercial) use, the Proposed Development would generate a total of 53 daily two-way OGV trips, 6 and 4 of which would be in the AM (10:00-11:00) peak and PM (15:00-16:00) peak hours, respectively.

4.10 It can be inferred from the above that, in a 'worst-case scenario' (10:00-11:00), the Proposed Development would generate 6 OGV trips which equates to approximately 1 every 10 minutes, which the Site can comfortably accommodate.

5. Vehicle Routing

5.1 At the local level, all delivery and servicing activity will take place on-site and utilise the proposed site access from the northern side of Aviator Way. The on-site management team will be prepared for each delivery and have the required equipment ready to facilitate the transfer of the goods, as necessary.

5.2 As outlined in Section 3 of this report, the Site has been designed to suitably accommodate a 16.5m length Articulated Vehicle, which can drive in forward gear into the allocated spaces in each unit of the proposed development, before turning around and egressing the Site in a forward gear.

5.3 In exceptional circumstance where vehicles any larger than this are required, this will be managed through the use of banksmen, however it is not regarded that this will be a daily occurrence and will likely not be essential for the daily operation of the Site.

5.4 It is anticipated that all delivery and servicing vehicles will arrive at and depart the Site from Aviator Way via the A555 / Enterprise Way junction, approaching from either the A555 to the east or the M56 to the west. Figure 3 illustrates the anticipated routing of delivery and servicing vehicles accessing the Site.

Figure 3: Anticipated Delivery and Servicing Routing



6. Refuse Collection and Waste Strategy

6.1 Each unit within the Site will be provided with an external bin store which will be accessible within the 30m carry distance from each unit and 25m operator carry distance set out in the Manual for Streets (MfS) guidance.

6.2 As outlined in Section 4, refuse collection will be undertaken by a 32 tonne, MCC approved, vehicle measuring 11.5m in length and 3m in width.

6.3 The Proposed Refuse Store Plan (attached at Appendix D) is illustrated in Figure 4 and shows the proposed locations of the external bin store for each unit.

Figure 4: Proposed Refuse Store Plan



6.4 The bin stores themselves with be characterised by the following:

- 3.05 sqm in area;
- Recycled and non-recycled stores to be segregated and clearly labelled;
- Vertical timber boards supported on horizontal rails fixed back to timber posts – to be stained dark grey; and
- Double access gate with heavy duty galvanised hinges and secure lock.

6.5 For the waste strategy, the following principles will be applied:

- Separate waste storage facilities will be provided within the development for general waste, recyclables and food / compostable waste. The storage areas will comply with BS5906 specifications;
- The manager of waste facilities within the on-site management team will be responsible for ensuring that waste is stored appropriately and transferred in good time prior to collection;
- Staff will be made aware of the waste and recycling regime for the units, including where refuse is stored, how it is transferred for collection and when the collections occur;
- Refuse bins will not be left ion the highway and will be kept in the appropriate storage locations at all times, the exception being when refuse is transferred for collection; and
- Suppliers will be encouraged to take away their packaging to minimise the accumulation of waste.

6.6 The refuse storage areas will be kept clear from obstruction and in good order as far as is reasonably practicable. The storage area will be inspected on a regular basis and cleaned when necessary.

6.7 Swept path analysis has been undertaken, demonstrating that the MCC approved refuse vehicle can safely and efficiently enter the Site in a forward gear, utilising the service yard of Unit 2A to turn around, before egressing the Site in a forward gear. Drawing No. 21347101-WAT-HGN-ZZ-XX-DR-H-050114 (attached at Appendix E) also demonstrates that the refuse vehicle can reach within 25m of each refuse storage area, in line with MfS guidance.

6.8 Appendix F provides a copy of the MCC Waste Proforma. At the time of writing, as the occupiers of the Proposed Development are yet to be identified, inputs into the MCC Waste Proforma are not known – further details will be provided by Applicant team.

7. Servicing Mitigation Measures

Overview

7.1 The primary objective of the DSMS is to reduce the number of deliveries associated with the Site.

7.2 Where deliveries are necessary, the subsequent objective of the DSMS will be to ensure that those deliveries occur in an efficient, sustainable and safe manner, with as little impact as possible on the surrounding network.

7.3 In order to improve the efficiency, safety and sustainability of servicing activity that is required, the DSMS will seek to:

- Coordinate with other units within the Proposed Development to consolidate deliveries where possible;
- Operate a delivery booking system which will assist in planning and monitoring all servicing activity, ensuring that there are no missed deliveries or rejections;
- Ensure deliveries will generally be booked in up to 20-minute slots, allowing for a typical dwell time of 5-10 minutes. On this basis, the Site will not be overloaded, ensuring that each delivery is successful;
- Ensure all delivery contents are known and expected, to ensure that the relevant equipment is ready to transfer goods, as necessary;
- Ensure all servicing activity is undertaken in accordance with the DSMS;
- Ensure all servicing vehicles switch off vehicle engines immediately when stationary and unloading, to reduce the impact of engine noise and emissions;
- Provide a commitment for suppliers to meet a minimum FORS Silver standard;
- Provide a commitment for suppliers to adhere to CLOCS standards;
- Encourage the use of newer, 'greener' or electric, quieter delivery vehicles and equipment, where possible; and
- Ensure all facilities staff and carriers involved are briefed appropriately on the processes within the Site.

Consolidation Strategy

7.4 Coordination through the development provides a significant opportunity to consolidate and reduce the number of servicing trips in the local area.

7.5 The initiatives within the DSMS and consolidation strategy that will be implemented are as follows:

- A facilities manager (or equivalent) will be appointed to oversee servicing operations at the Site. They will be made aware of the delivery and servicing requirements to enable them to oversee deliveries and ensure the smooth operation of all servicing activity at the Site;
- The facilities manager will be made aware (where possible) of all deliveries to enable them to anticipate forthcoming activity, particularly if / when exceptional activity is planned / expected;
- Suppliers will be required to pre-book deliveries through the delivery system using slots (max. 20 minutes), with the relevant occupant notified prior to delivery. Information including details of the type of vehicle that will be used to undertake the delivery, as well as the scale / nature of goods to be supplied should be provided. Although the majority of deliveries would only take 5-10 minutes to undertake, the 20-minute slots will allow for fluctuations caused by traffic.
- The facilities manager will issue written / email instructions to all occupants, setting out the delivery procedures to be adopted by them, who will then pass this on to the relevant suppliers.
- Promotion of sustainable freight and finding opportunities where vehicles are not required and instead, a cargo bike or equivalent can be used.

- Possible coordination with neighbouring units in Manchester Business Park to consolidate mutual requirements and utilise the same delivery orders where possible e.g. sharing deliveries for typical office supplies, stationary or kitchen basics - which can be ordered in bulk to reduce the total number of deliveries.
- The facilities manager will encourage the adoption of a policy to restrict and reduce the likelihood of employees receiving deliveries at the workplace and instead focus on the promotion of other last mile alternatives, e.g. use of 'Click & Collect' or 'Amazon Lockers'. The locations of these will be made known to all staff and shown within the reception as part of the sustainable travel information.
- A commitment to ensuring suppliers and operators who adopt the use of sustainable vehicles are prioritised and selected above all others, to ensure all delivery vehicles are as quiet and sustainable as possible.
- The facilities manage will operate a warning system whereby failure to abide by supplier instructions will result in the delivery company receiving a 'strike'. If three strikes are accumulated, the engagement with said supplier will be reviewed and terminated if necessary; and
- Implementation of an ongoing monitoring programme (discussed in Section 8) which will provide a comprehensive overview of all servicing activity across the Site and assist in identifying areas for improvement.

7.6 The Applicant will commit to providing those responsible for the DSMS with appropriate support to fully implement the necessary measures.

Delivery Booking and Timing

7.7 As outlined above, the on-site management team will seek to introduce a delivery booking system, to coordinate deliveries and ensure vehicles have appropriate space to serve the Site, whilst there is a member of the team available in order to assist with and effectively manage the delivery.

7.8 The booking system will allow for reprofiling the delivery and servicing trips, to conform with the restricted hours of delivery activity at the Site.

7.9 This arrangement provides a considerable betterment to the existing, as the ability to book, manage and reprofile servicing trips provides a significant betterment to the existing situation, and reduces the likelihood of ad-hoc deliveries causing obstructions.

7.10 The DSMS will be monitored by the on-site team and reviewed frequently to identify any potential opportunities for improvement.

8. Delivery Monitoring and Review

Overview

8.1 The DSMS incorporates mechanisms for the annual monitoring and review, by undertaking a log of all delivery and servicing movements carried out through additional surveys by the on-site management team, who like likely also fulfil the role of Travel Plan Coordinator (TPC).

8.2 The findings of the servicing surveys and will be used for the review process, which will seek to rationalise and consolidate deliveries where possible. This monitoring and review will be conducted alongside that of the Travel Plan (TP), which will be maintained within a DSMS log or database.

Survey Scope and Review

8.3 The initial survey and review will be carried out 12 months after full occupation with annual reviews thereafter by the on-site team, submitted to MCC on the anniversary of the approval of the DSMS.

8.4 The DSMS database, or log, will comprise the following:

- Time and date of delivery;
- Delivery slot booked;
- Type of vehicles;
- Goods delivered;
- Time of arrival and departure;
- Compliance with DSMS principles (Y/N); and
- Any other comments

8.5 The DSMS shall be amended as necessary following subsequent reviews and therefore effectively forms a 'live' document.

8.6 If it is found that there has been a significant change in the level of servicing trips, it will be reported to and discussed with MCC. If, because of these changes, it is proposed to amend the DSMS, then approval from MCC will be sought ahead of any changes being made.

Enforcement

8.7 Once approved by MCC, the final agreed contents of this DSMS must be complied with, unless otherwise agreed with MCC. The Applicant will work with MCC to review and update the DSMS as appropriate. Any updated or revised DSMS must be approved by MCC and complied with thereafter.

8.8 The ongoing review of the DSMS will provide a mechanism for MCC to act should the contents of the DSMS not be complied with.

8.9 MCC will be notified of any change to the occupancy of the Development that may have a material change on the approved DSMS (or any revisions to it) as soon as is reasonably practicable.

Appendices

A. Site Layout Plan



NOTES

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to the architect before any work commences
- Whilst information on this sheet is issued to scale, scaling directly from this drawing may result in inaccuracies. For precise measurements, refer to the stated dimensions or contact the Architect
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- All works are to be undertaken in accordance with Building Regulations and the latest British Standards.
- All proprietary materials and products are to be used strictly in accordance with the manufacturers recommendations.

Key:

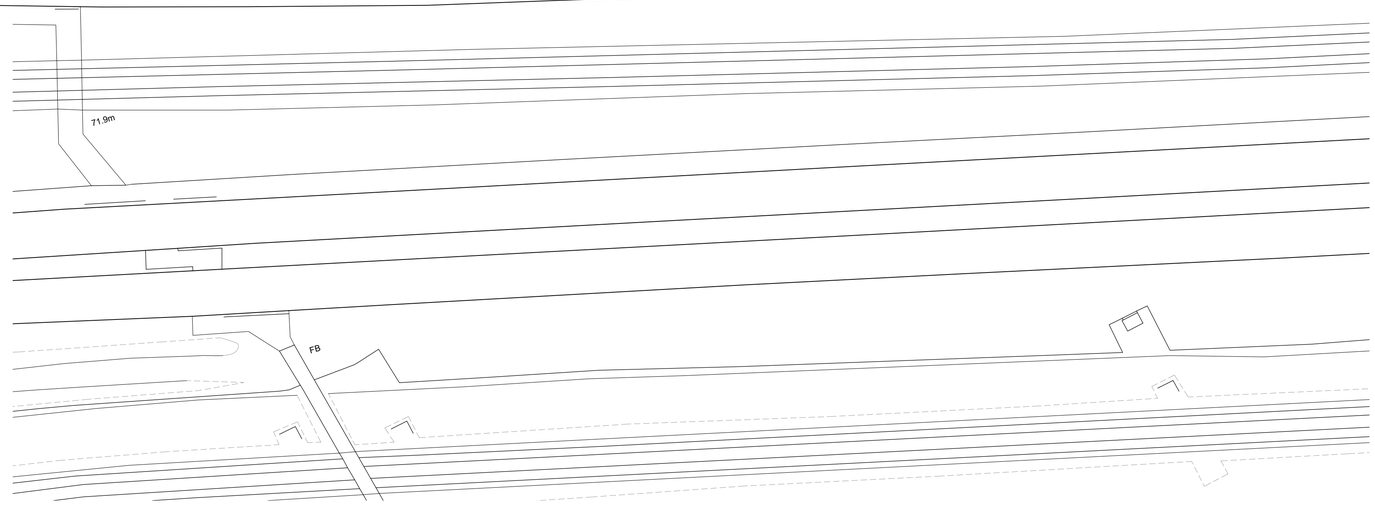
- Site Boundary 7.93acres / 3.21ha
- Existing trees to be removed
- Existing Trees
- Landscape area to be retained & enhanced
- Proposed Acoustic Fencing
- Parking space provided with EV charging point
- Parking space provided with cable routes to allow for future installation of EV charging point
- Office at first floor
- Condenser
- Bin Store
- Cycle Store
- xx.xxm — Proposed FFLs stated are indicative only and subject to further detail design of the cut and fill modelling. As such, a tolerance of + / - 300mm should be allowed for the final FFLs.

0 5 10 15 20 25m
Scale 1:500 @ A1

N

Schedule of Accommodation

Unit	Ground Floor GIA	First Floor Office GIA	TOTAL UNIT GIA	Total Car Parking (incl. Accessible)	Parking Ratio (spaces / GIA m²)	Cycle Parking	EV Charging Spaces (Future Spaces)
Unit 1A	1,485 m² / 15,986ft²	221m² / 2,276ft²	**1,706m² / 18,363ft²**	29 (2)	1:59	8	4 (4)
Unit 1B	1,733m² / 18,655ft²	245m² / 2,637ft²	**1,978m² / 21,292ft²**	23(2)	1:86	8	2 (4)
UNIT 1 TOTAL			**3,684m² / 39,655ft²**	52 (4)	1:71	16	6 (8)
Unit 2A	798m² / 8,586ft²	127m² / 1,368ft²	**925m² / 9,954ft²**	12 (1)	1:77	5	2 (2)
Unit 2B	476m² / 5,125ft²	103m² / 1,105ft²	**579m² / 6,231ft²**	10 (1)	1:58	3	2 (2)
Unit 2C	478m² / 5,142ft²	102m² / 1,097ft²	**580m² / 6,239ft²**	10 (1)	1:58	4	2 (2)
UNIT 2 TOTAL			**2,084m² / 22,424ft²**	32 (3)	1:65	12	6 (6)
Unit 3A	997m² / 10,735ft²	153m² / 1,653ft²	**1,150m² / 12,388ft²**	17 (1)	1:68	4	2 (2)
Unit 3B	796m² / 8,562ft²	128m² / 1,1377ft²	**923m² / 9,939ft²**	14 (1)	1:66	4	2 (2)
Unit 3C	597m² / 6,429ft²	104m² / 1,123ft²	**702m² / 7,552ft²**	11 (1)	1:64	4	2 (2)
UNIT 3 TOTAL			**2,776m² / 29,879ft²**	42 (3)	1:66	12	6 (6)
Unit 4	1,391m² / 14,977ft²	232m² / 2,502ft²	**1,624m² / 17,480ft²**	19 (2)	1:86	8	2 (4)
GRAND TOTAL			**10,167m² / 109,438ft²**	145 (12)	1:70	48	20 (24)



REV	Date	Drawn by: -	Checked by: -
P03	26/11/25	AW	AS
Planning issue			
P02	05/11/25	AG	AS
Red line boundary updated			
P01	31/10/25	AG	AS
Initial Issue			

Status: S2 — Purpose of Issue: For Information

drawing stage: **Planning**

client: **Ask Real Estate**

project: **Manchester Business Park**

drawing title: **Porposed Site Plan**

date 03/10/25 drawn AG
scale@A1 1:500 checked AS

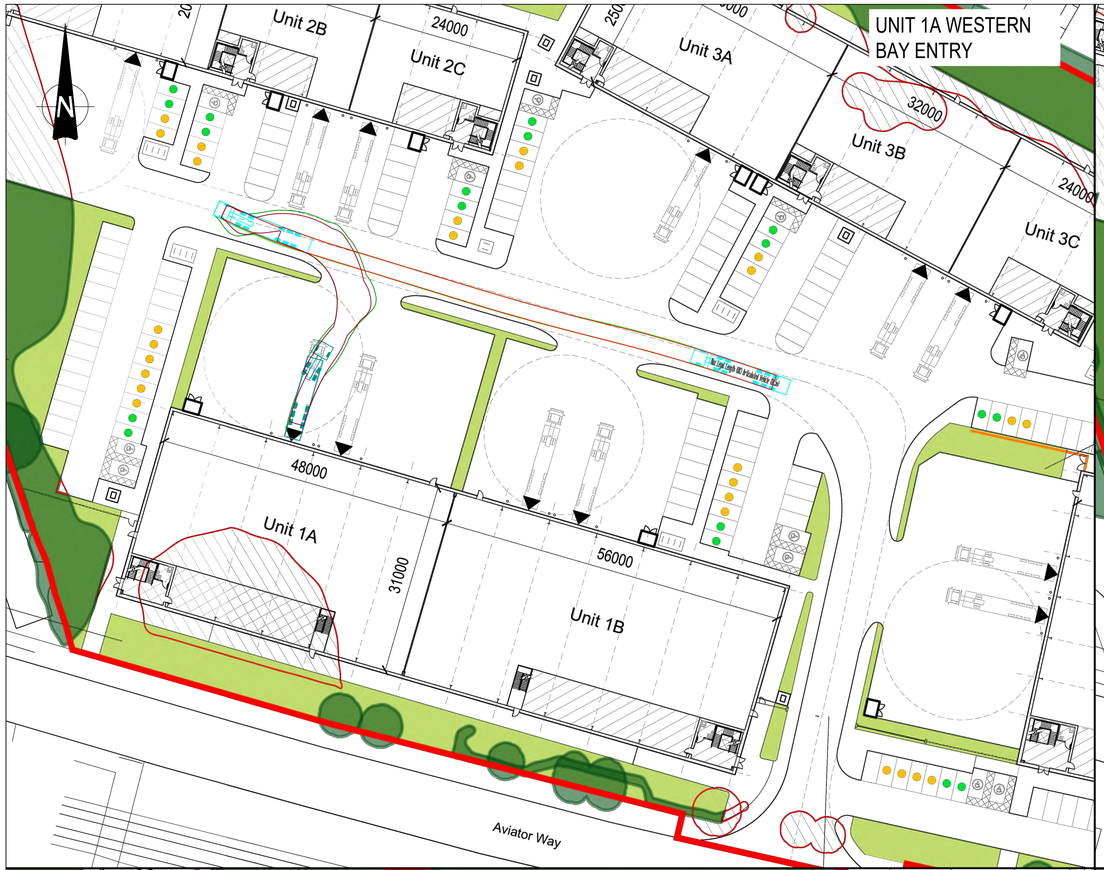
AEW Reference Number **13502**

Rev **P03**

Job No **13502-AEW-SI-XX-DR-A-05010**

aew architects
0161 214 4370
www.aewarchitects.com

B. Swept Path Analysis – Articulated Vehicle







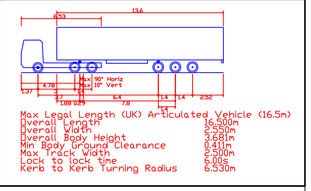


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5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.



Rev.	Date	Description	By	Chk
P02	14.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 1A SWEPT PATH ANALYSIS LOADING BAY LOCATION

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage		STAGE 2 Concept design	RIBA
Suitability		INFORMATION	S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050101

Revision
P02

File Path
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A1-Wat-ISO-S-2023







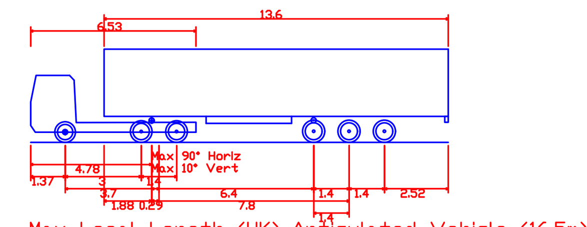


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Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 1B SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

waterman

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design	RIBA
Suitability	INFORMATION	S2

Designed By: CW	Director: AB	Waterman Ref: WIE21347
Drawn By: CW	Date: FEBRUARY 2024	Scales @ A1: 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number	Revision
21347101-WAT-HGN-ZZ-XX-DR-H-050103	P02

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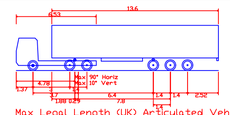


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Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	RW

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 2A & 2B
SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050104

Revision P02

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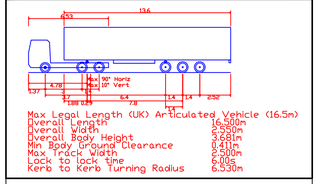


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Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 2C
SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

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1:1 0 10 20 30 40 50 60 70 80 90 100

Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050105

Revision
P02

File Path
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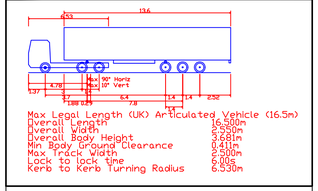


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Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 3A
SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

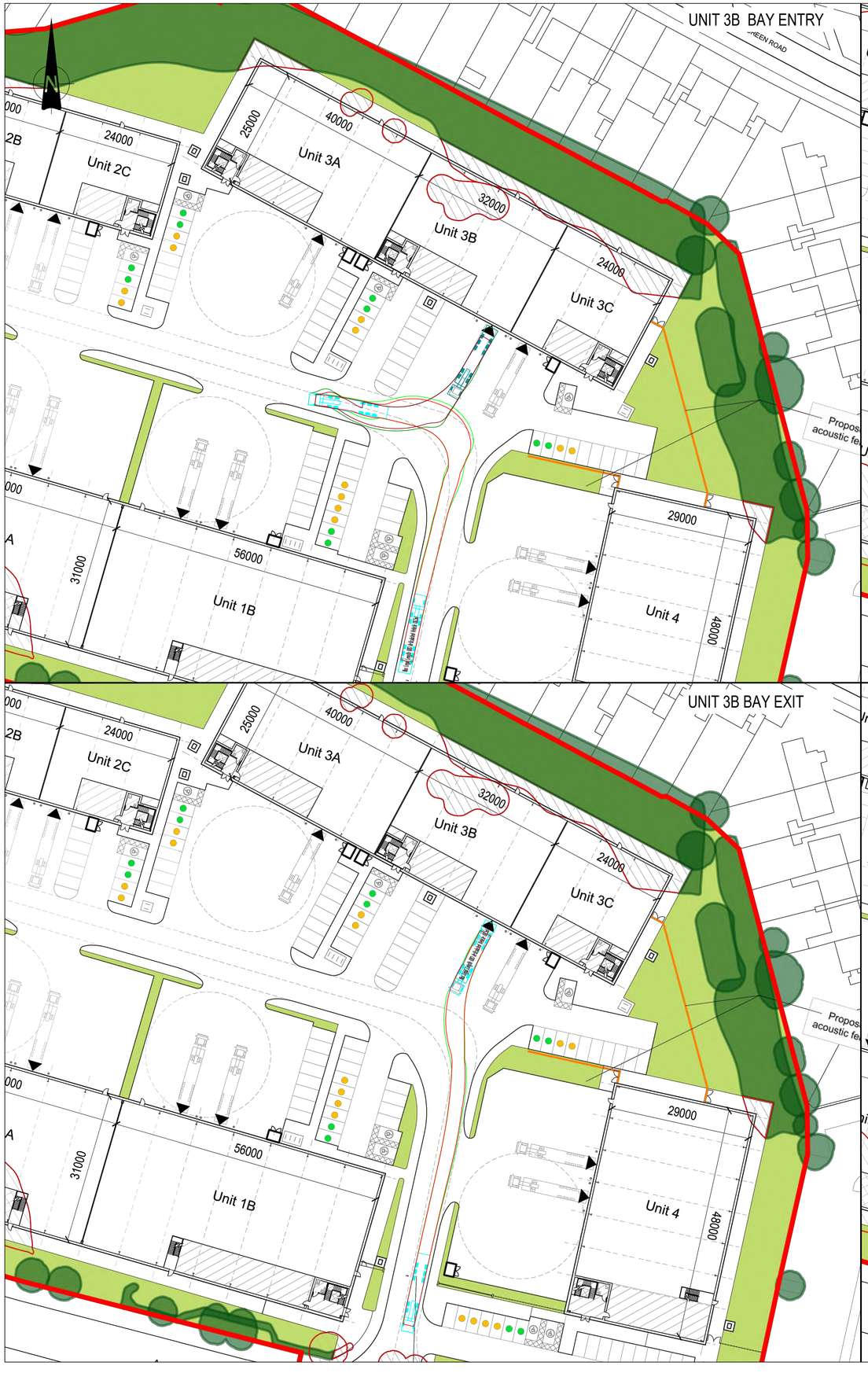
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Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050106

Revision
P02

File Path: G:\Projects\WIE21347\101\01_Deliverables\01_WIP\DR\05\

A1-Wat-ISO-S-2023



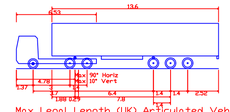


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Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 3B & 3C
SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

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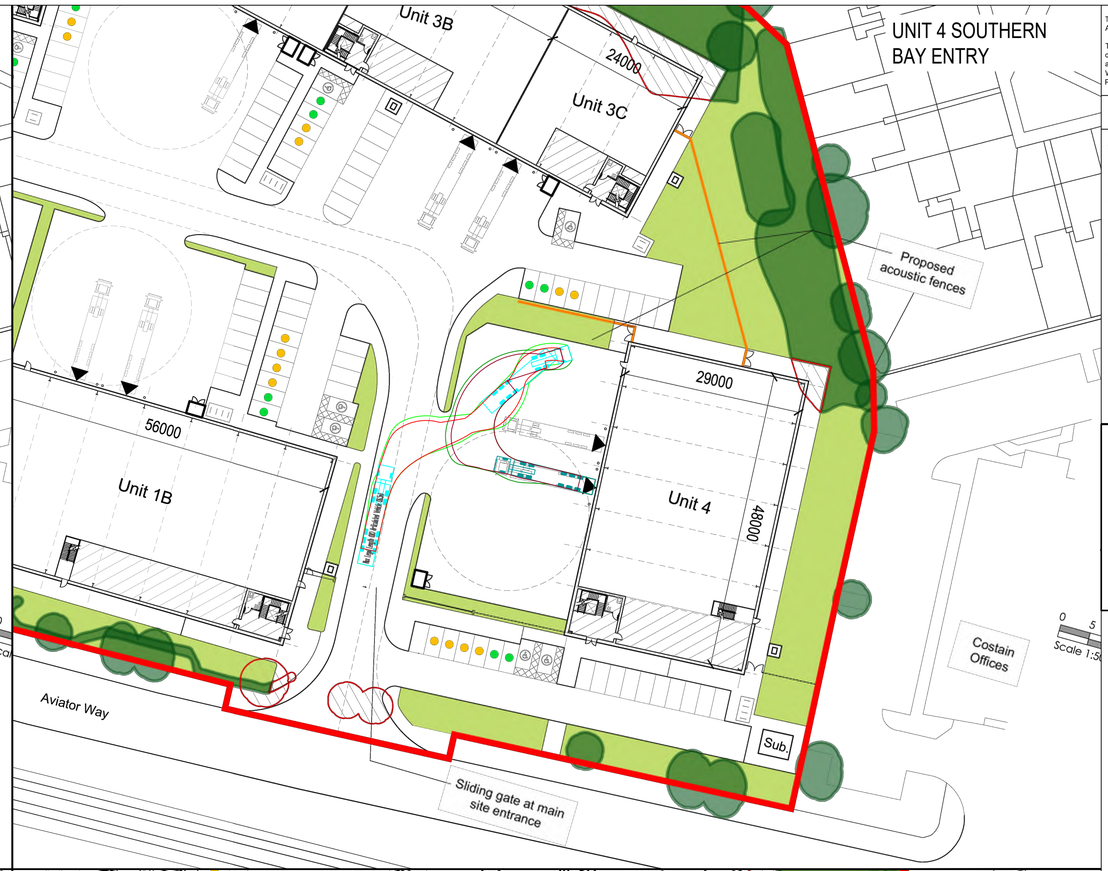
Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050107

Revision
P02

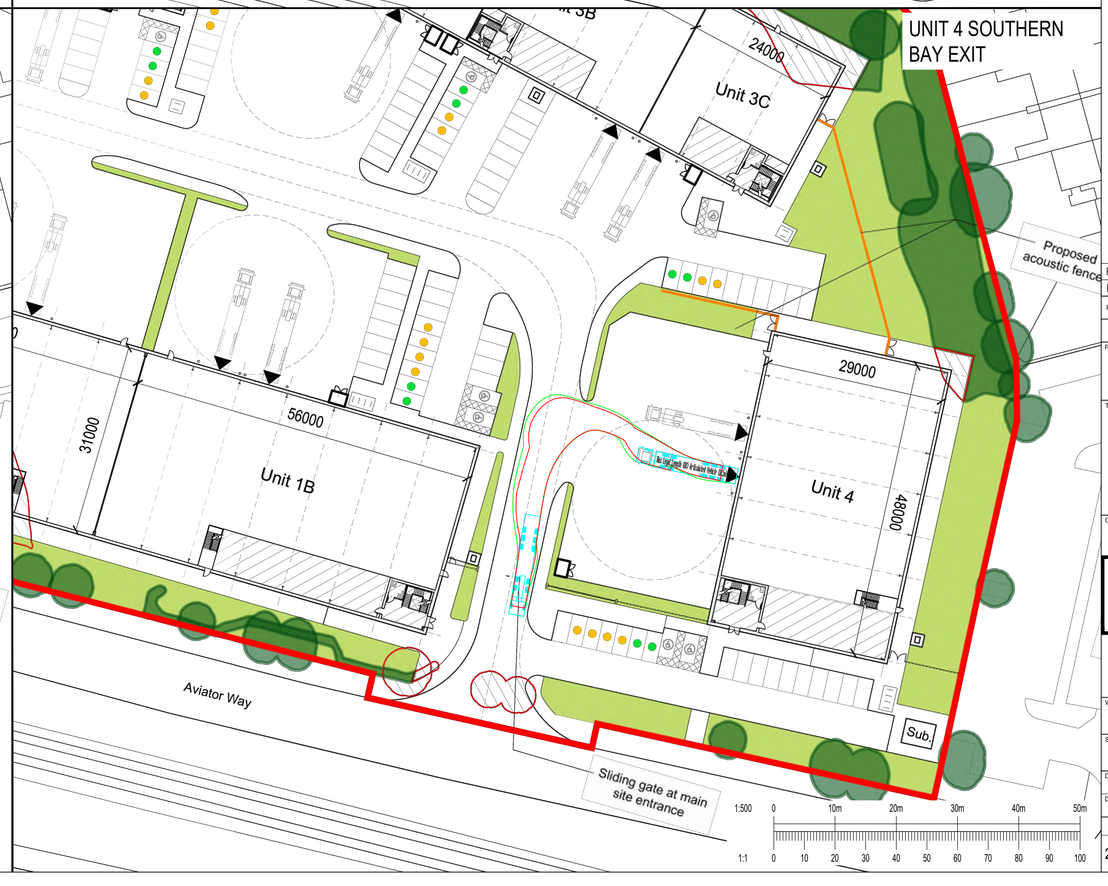
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A1-Wat-ISO-S-2023







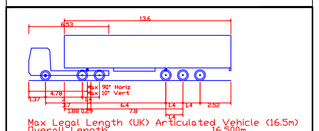


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Rev.	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
UNIT 4 SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

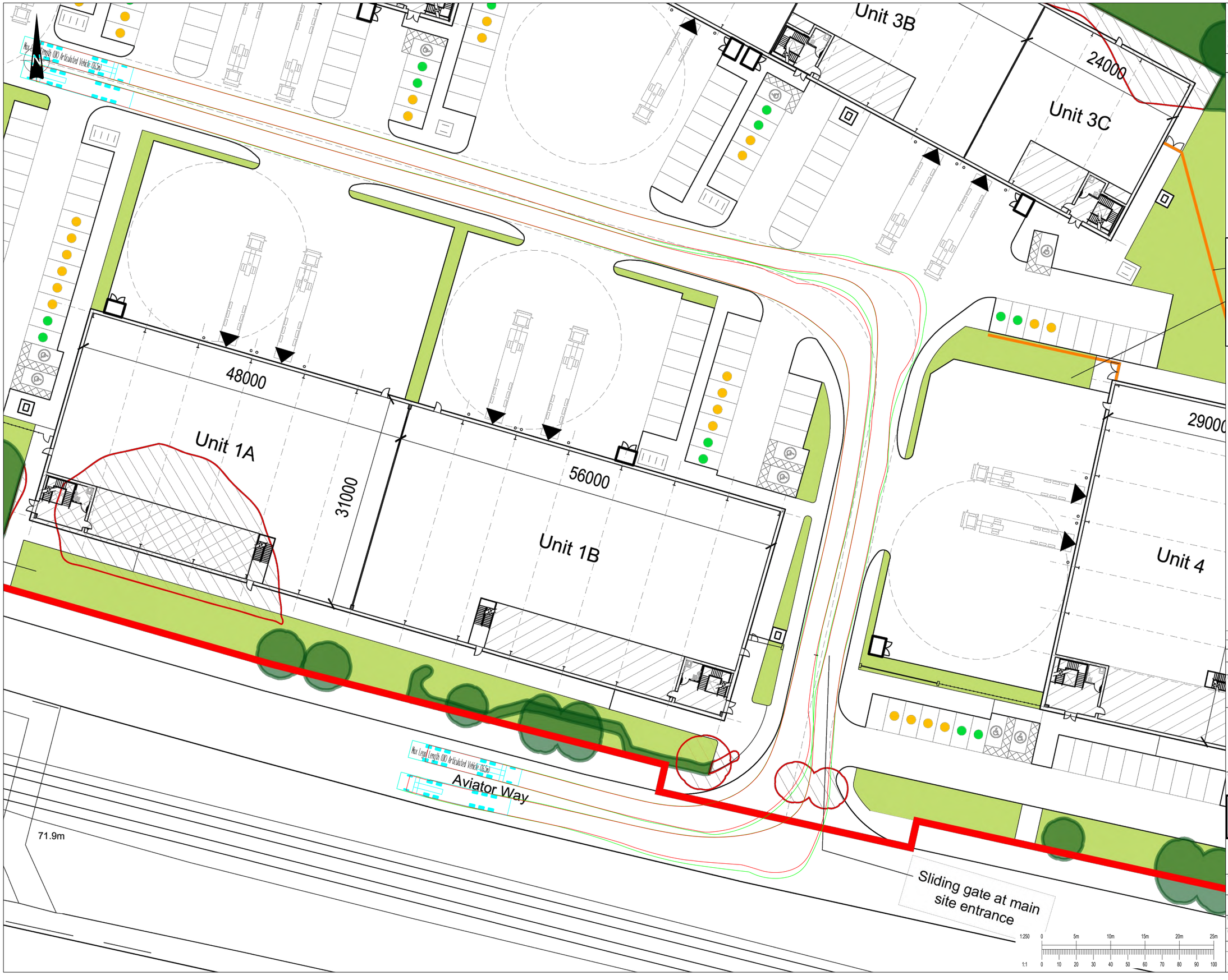
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Suitability	INFORMATION		S2
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number
21347101-WAT-HGN-ZZ-XX-DR-H-050108

Revision
P02

File Path
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A1-Wat-ISO-S-2023

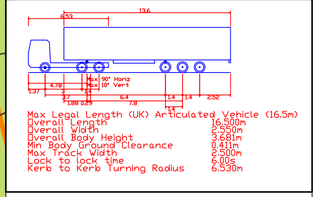


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Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
SERVICE ROAD
SWEPT PATH ANALYSIS (HGV'S PASSING) - SHEET 1 OF 2

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design	RIBA
Suitability	INFORMATION	S2

Designed By	CW	Director	AB
Drawn By	CW	Date	FEBRUARY 2024
Waterman Ref			WIE21347
Scales @ A1			1:250

Project	Originator	Functional	Spatial	Form	Discipline	Number	Revision
21347101	WAT	HGN	ZZ	XX	DR	H-050109	P02

File Path G:\Projects\WIE21347\101\01_Deliverables\01_WIP\DR\05_

A1-Wat-ISO-S-2023

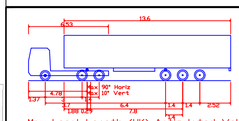


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Pickfords Wharf, Clink Street, London SE1 9DG t 020 7928 7888 f 03333 444 501

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Rev	Date	Description	By	Chk
P02	12.11.25	UPDATED SITE LAYOUT	GF	AB
P01	19.02.25	ISSUED	CW	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
SERVICE ROAD SWEPT PATH ANALYSIS (HGV WITHIN ACCESS ROAD) - SHEET 2 OF 2

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design	RIBA	
Suitability	INFORMATION	S2	
Designed By	CW	Director AB	Waterman Ref WIE21347
Drawn By	CW	Date FEBRUARY 2024	Scales @ A1 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number — Revision

21347101-WAT-HGN-ZZ-XX-DR-H-050110 — P02

File Path G:\Projects\WIE21347\101\01_Deliverables\01_WIP\DR\05\

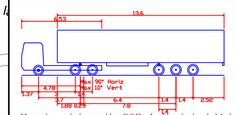
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Rev	Date	Description	By	Chk
P01	06.03.25	ISSUED	OT	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
A555 JUNCTION ROUTE TO SITE SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage: STAGE 2 Concept Design — RIBA S2

Suitability: INFORMATION

Designed By	Director	Waterman Ref
OT	AB	WIE21347
Drawn By	**Date**	**Scales @ A1**
OT	MARCH 2024	1:500

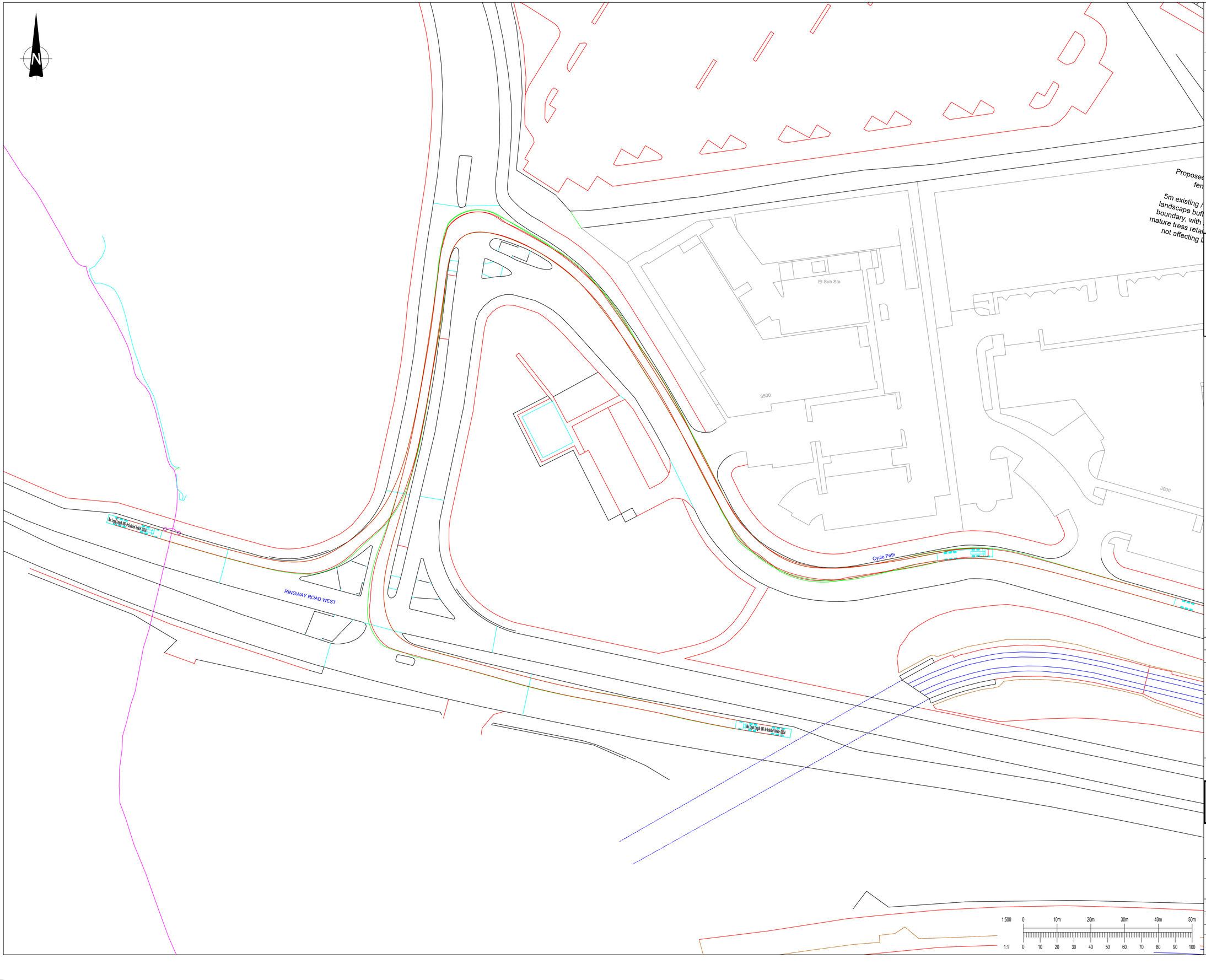
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1:1 0 10 20 30 40 50 60 70 80 90 100

Project | Originator | Functional | Spatial | Form | Discipline | Number: 21347101-WAT-HGN-ZZ-XX-DR-H-050111

Revision: P01

File Path: G:\Projects\WIE21347\101\01_Deliverables\01_WIP\DR\05\

13502-AEW-M2-XX-XX-A_Proposed Site Plan Option 05, A1-Wat-ISO-S, A1-Wat-ISO-S-2023

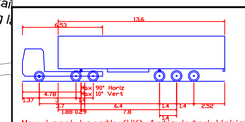


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Rev	Date	Description	By	Chk
P01	06.03.25	ISSUED	OT	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
A555 JUNCTION ROUTE TO SITE SWEPT PATH ANALYSIS

Client
ASK REAL ESTATE

waterman
5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design	RIBA	S2
Suitability	INFORMATION		
Designed By	OT	Director	AB
Drawn By	OT	Date	MARCH 2024
Waterman Ref	WIE21347		
Scales @ A1	1:500		

Project | Originator | Functional | Spatial | Form | Discipline | Number: 21347101-WAT-HGN-ZZ-XX-DR-H-050112

Revision: P01

A1-Wat-ISO-S-2023

File Path: G:\Projects\WIE21347\101\01_Deliverables\01_WIP\DR\05\

C. TRICS Outputs

Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 02 - EMPLOYMENT

Category: D - INDUSTRIAL ESTATE

Total Vehicles

Selected regions and areas:

02	**SOUTH EAST**		
	BU	BUCKINGHAMSHIRE	1 day
	EX	ESSEX	2 days
03	**SOUTH WEST**		
	SD	SWINDON	1 day
04	**EAST ANGLIA**		
	NF	NORFOLK	1 day
05	**EAST MIDLANDS**		
	DY	DERBY	1 day
	LN	LINCOLNSHIRE	1 day
06	**WEST MIDLANDS**		
	WK	WARWICKSHIRE	2 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	AL	CALDERDALE	1 day
	DR	DONCASTER	1 day
	NY	NORTH YORKSHIRE	1 day
09	**NORTH**		
	TW	TYNE & WEAR	3 days

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

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

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:	GFA
Actual Range:	0.82 to 11.15 (units:sqm)
Range Selected by User:	5000 to 75000 (units:sqm)
Parking Spaces Range:	0 - 2130

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	01/01/16 to 06/06/24

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

Selected survey days:

Friday	4 days
Monday	1 days
Thursday	3 days
Tuesday	3 days
Wednesday	4 days

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

Selected survey types:

Manual count	15
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 undertaking using machines

Selected Locations:

Edge of Town	11 days
Suburban Area (PPS6 Out of Centre)	4 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	4 days
No Sub Category	6 days
Out of Town	1 days
Residential Zone	3 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	13 days
Servicing vehicles Included	2 days

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Secondary Filtering Selection:

Use Class:

Not Known	15 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:

140 - 6733

Population within 1 mile:

10,001 to 15,000	4 surveys
15,001 to 20,000	3 surveys
20,001 to 25,000	1 surveys
25,001 to 50,000	3 surveys
5,001 to 10,000	3 surveys
50,001 to 100,000	1 surveys

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

Population within 5 miles:

125,001 to 250,000	9 surveys
25,001 to 50,000	1 surveys
250,001 to 500,000	2 surveys
50,001 to 75,000	2 surveys
75,001 to 100,000	1 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	8 surveys
1.1 to 1.5	7 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.

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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	15 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:

No PTAL Present	15 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:

No

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1	**AL-02-D-01**	**INDUSTRIAL ESTATE**	**CALDERDALE**

MILL LANE
HALIFAX
Edge of Town
No Sub Category
Site area: 1.8 hect
Survey date: Wednesday 17/10/2018 Survey Type: Manual

2	**BU-02-D-01**	**INDUSTRIAL ESTATE**	**BUCKINGHAMSHIRE**

BEECH ROAD
HIGH WYCOMBE
Edge of Town
Residential Zone
Site area: 1.07 hect
Survey date: Monday 06/11/2023 Survey Type: Manual

3	**DR-02-D-03**	**INDUSTRIAL ESTATE**	**DONCASTER**

MIDDLE BANK
DONCASTER
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Site area: 1.7 hect
Survey date: Tuesday 21/09/2021 Survey Type: Manual

4	**DY-02-D-02**	**INDUSTRIAL ESTATE**	**DERBY**

SHAFTESBURY STREET
DERBY
ROSE HILL
Suburban Area (PPS6 Out of Centre)
No Sub Category
Site area: 0.82 hect
Survey date: Friday 06/10/2023 Survey Type: Manual

5	**EX-02-D-04**	**INDUSTRIAL ESTATE**	**ESSEX**

PASTURE ROAD
WITHAM
Edge of Town
Industrial Zone
Site area: 7.85 hect
Survey date: Thursday 10/05/2018 Survey Type: Manual

6	**EX-02-D-05**	**INDUSTRIAL ESTATE**	**ESSEX**

HECKWORTH CLOSE
COLCHESTER
SEVERALLS INDUSTRIAL PK
Edge of Town
Industrial Zone
Site area: 1.63 hect
Survey date: Friday 18/05/2018 Survey Type: Manual

7	**LN-02-D-07**	**INDUSTRIAL ESTATE**	**LINCOLNSHIRE**

TRENT ROAD
GRANTHAM
Edge of Town
Residential Zone
Site area: 1.9 hect
Survey date: Friday 26/04/2024 Survey Type: Manual

8	**NF-02-D-04**	**INDUSTRIAL ESTATE**	**NORFOLK**

DRAYTON HIGH ROAD
NORWICH
Edge of Town

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No Sub Category
Site area: 2.41 hect
Survey date: Wednesday 14/09/2022 Survey Type: Manual

9 **NY-02-D-03** **INDUSTRIAL ESTATE** **NORTH YORKSHIRE**
RACECOURSE ROAD
RICHMOND
Edge of Town
Out of Town
Site area: 11.15 hect
Survey date: Thursday 05/05/2022 Survey Type: Manual

10 **SD-02-D-01** **INDUSTRIAL ESTATE** **SWINDON**
HEADLANDS GROVE
SWINDON
Suburban Area (PPS6 Out of Centre)
Residential Zone
Site area: 2.55 hect
Survey date: Tuesday 20/09/2016 Survey Type: Manual

11 **TW-02-D-08** **INDUSTRIAL ESTATE** **TYNE & WEAR**
NORTH HYLTON ROAD
SUNDERLAND
SOUTHWICK
Suburban Area (PPS6 Out of Centre)
Development Zone
Site area: 2.7 hect
Survey date: Tuesday 04/04/2017 Survey Type: Manual

12 **TW-02-D-09** **INDUSTRIAL ESTATE** **TYNE & WEAR**
ELEVENTH AVENUE
GATESHEAD
TEAM VALLEY
Edge of Town
No Sub Category
Site area: 1.6 hect
Survey date: Wednesday 18/05/2022 Survey Type: Manual

13 **TW-02-D-10** **INDUSTRIAL ESTATE** **TYNE & WEAR**
ELEVENTH AVENUE
GATESHEAD
TEAM VALLEY
Edge of Town
No Sub Category
Site area: 3.74 hect
Survey date: Wednesday 18/05/2022 Survey Type: Manual

14 **WK-02-D-03** **INDUSTRIAL ESTATE** **WARWICKSHIRE**
EASTBORO WAY
NUNEATON
Edge of Town
Industrial Zone
Site area: 5.6 hect
Survey date: Thursday 26/09/2019 Survey Type: Manual

15 **WK-02-D-04** **INDUSTRIAL ESTATE** **WARWICKSHIRE**
ABELES WAY
ATHERSTONE
Edge of Town
No Sub Category
Site area: 4.86 hect
Survey date: Friday 27/09/2019 Survey Type: Manual

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Total Vehicles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.076**	**0.015**	**0.091**
06:00-07:00	**10**	**14395**	**0.113**	**0.044**	**0.157**
07:00-08:00	**15**	**14532**	**0.384**	**0.105**	**0.489**
08:00-09:00	**15**	**14532**	**0.591**	**0.230**	**0.821**
09:00-10:00	**15**	**14532**	**0.409**	**0.324**	**0.733**
10:00-11:00	**15**	**14532**	**0.344**	**0.303**	**0.647**
11:00-12:00	**15**	**14532**	**0.317**	**0.319**	**0.636**
12:00-13:00	**15**	**14532**	**0.337**	**0.392**	**0.729**
13:00-14:00	**15**	**14532**	**0.356**	**0.367**	**0.723**
14:00-15:00	**15**	**14532**	**0.297**	**0.370**	**0.667**
15:00-16:00	**15**	**14532**	**0.247**	**0.312**	**0.559**
16:00-17:00	**15**	**14532**	**0.311**	**0.483**	**0.794**
17:00-18:00	**15**	**14532**	**0.197**	**0.510**	**0.707**
18:00-19:00	**15**	**14532**	**0.113**	**0.236**	**0.349**
19:00-20:00	**10**	**14395**	**0.078**	**0.115**	**0.193**
20:00-21:00	**10**	**14395**	**0.024**	**0.055**	**0.079**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**4.194**	**4.180**	**8.374**

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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Total People

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.085**	**0.015**	**0.100**
06:00-07:00	**10**	**14395**	**0.146**	**0.044**	**0.190**
07:00-08:00	**15**	**14532**	**0.507**	**0.138**	**0.645**
08:00-09:00	**15**	**14532**	**0.795**	**0.288**	**1.083**
09:00-10:00	**15**	**14532**	**0.543**	**0.406**	**0.949**
10:00-11:00	**15**	**14532**	**0.429**	**0.376**	**0.805**
11:00-12:00	**15**	**14532**	**0.405**	**0.417**	**0.822**
12:00-13:00	**15**	**14532**	**0.492**	**0.553**	**1.045**
13:00-14:00	**15**	**14532**	**0.510**	**0.540**	**1.050**
14:00-15:00	**15**	**14532**	**0.417**	**0.498**	**0.915**
15:00-16:00	**15**	**14532**	**0.346**	**0.429**	**0.775**
16:00-17:00	**15**	**14532**	**0.454**	**0.645**	**1.099**
17:00-18:00	**15**	**14532**	**0.292**	**0.772**	**1.064**
18:00-19:00	**15**	**14532**	**0.155**	**0.364**	**0.519**
19:00-20:00	**10**	**14395**	**0.085**	**0.144**	**0.229**
20:00-21:00	**10**	**14395**	**0.029**	**0.062**	**0.091**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**5.690**	**5.691**	**11.381**

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

*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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Cyclists

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.001**	**0.000**	**0.001**
06:00-07:00	**10**	**14395**	**0.003**	**0.000**	**0.003**
07:00-08:00	**15**	**14532**	**0.005**	**0.001**	**0.006**
08:00-09:00	**15**	**14532**	**0.005**	**0.000**	**0.005**
09:00-10:00	**15**	**14532**	**0.002**	**0.001**	**0.003**
10:00-11:00	**15**	**14532**	**0.001**	**0.000**	**0.001**
11:00-12:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
12:00-13:00	**15**	**14532**	**0.001**	**0.001**	**0.002**
13:00-14:00	**15**	**14532**	**0.002**	**0.000**	**0.002**
14:00-15:00	**15**	**14532**	**0.001**	**0.003**	**0.004**
15:00-16:00	**15**	**14532**	**0.002**	**0.002**	**0.004**
16:00-17:00	**15**	**14532**	**0.000**	**0.005**	**0.005**
17:00-18:00	**15**	**14532**	**0.006**	**0.009**	**0.015**
18:00-19:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
19:00-20:00	**10**	**14395**	**0.001**	**0.001**	**0.002**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.030**	**0.025**	**0.055**

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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 06/10/2023
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

PSVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.000**	**0.000**	**0.000**
06:00-07:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
07:00-08:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
08:00-09:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
09:00-10:00	**15**	**14532**	**0.001**	**0.001**	**0.002**
10:00-11:00	**15**	**14532**	**0.001**	**0.000**	**0.001**
11:00-12:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
12:00-13:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
13:00-14:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
14:00-15:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
15:00-16:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
16:00-17:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
17:00-18:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
18:00-19:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
19:00-20:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.002**	**0.001**	**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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/09/2019
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

OGVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.006**	**0.006**	**0.012**
06:00-07:00	**10**	**14395**	**0.005**	**0.010**	**0.015**
07:00-08:00	**15**	**14532**	**0.009**	**0.009**	**0.018**
08:00-09:00	**15**	**14532**	**0.030**	**0.021**	**0.051**
09:00-10:00	**15**	**14532**	**0.029**	**0.028**	**0.057**
10:00-11:00	**15**	**14532**	**0.033**	**0.028**	**0.061**
11:00-12:00	**15**	**14532**	**0.031**	**0.025**	**0.056**
12:00-13:00	**15**	**14532**	**0.028**	**0.028**	**0.056**
13:00-14:00	**15**	**14532**	**0.028**	**0.028**	**0.056**
14:00-15:00	**15**	**14532**	**0.028**	**0.026**	**0.054**
15:00-16:00	**15**	**14532**	**0.020**	**0.028**	**0.048**
16:00-17:00	**15**	**14532**	**0.017**	**0.015**	**0.032**
17:00-18:00	**15**	**14532**	**0.006**	**0.009**	**0.015**
18:00-19:00	**15**	**14532**	**0.005**	**0.006**	**0.011**
19:00-20:00	**10**	**14395**	**0.003**	**0.003**	**0.006**
20:00-21:00	**10**	**14395**	**0.002**	**0.001**	**0.003**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.280**	**0.271**	**0.551**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Taxis

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.001**	**0.001**	**0.002**
06:00-07:00	**10**	**14395**	**0.001**	**0.001**	**0.002**
07:00-08:00	**15**	**14532**	**0.001**	**0.001**	**0.002**
08:00-09:00	**15**	**14532**	**0.003**	**0.003**	**0.006**
09:00-10:00	**15**	**14532**	**0.002**	**0.002**	**0.004**
10:00-11:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
11:00-12:00	**15**	**14532**	**0.003**	**0.003**	**0.006**
12:00-13:00	**15**	**14532**	**0.001**	**0.001**	**0.002**
13:00-14:00	**15**	**14532**	**0.004**	**0.004**	**0.008**
14:00-15:00	**15**	**14532**	**0.003**	**0.003**	**0.006**
15:00-16:00	**15**	**14532**	**0.003**	**0.003**	**0.006**
16:00-17:00	**15**	**14532**	**0.001**	**0.002**	**0.003**
17:00-18:00	**15**	**14532**	**0.001**	**0.001**	**0.002**
18:00-19:00	**15**	**14532**	**0.002**	**0.002**	**0.004**
19:00-20:00	**10**	**14395**	**0.001**	**0.001**	**0.002**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.027**	**0.028**	**0.055**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 06/10/2023
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Cars

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.054**	**0.005**	**0.059**
06:00-07:00	**10**	**14395**	**0.074**	**0.018**	**0.092**
07:00-08:00	**15**	**14532**	**0.277**	**0.045**	**0.322**
08:00-09:00	**15**	**14532**	**0.421**	**0.094**	**0.515**
09:00-10:00	**15**	**14532**	**0.244**	**0.142**	**0.386**
10:00-11:00	**15**	**14532**	**0.187**	**0.146**	**0.333**
11:00-12:00	**15**	**14532**	**0.172**	**0.175**	**0.347**
12:00-13:00	**15**	**14532**	**0.197**	**0.238**	**0.435**
13:00-14:00	**15**	**14532**	**0.217**	**0.230**	**0.447**
14:00-15:00	**15**	**14532**	**0.161**	**0.234**	**0.395**
15:00-16:00	**15**	**14532**	**0.132**	**0.198**	**0.330**
16:00-17:00	**15**	**14532**	**0.200**	**0.358**	**0.558**
17:00-18:00	**15**	**14532**	**0.149**	**0.427**	**0.576**
18:00-19:00	**15**	**14532**	**0.091**	**0.197**	**0.288**
19:00-20:00	**10**	**14395**	**0.066**	**0.101**	**0.167**
20:00-21:00	**10**	**14395**	**0.017**	**0.046**	**0.063**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**2.659**	**2.654**	**5.313**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

LGVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.014**	**0.003**	**0.017**
06:00-07:00	**10**	**14395**	**0.033**	**0.015**	**0.048**
07:00-08:00	**15**	**14532**	**0.096**	**0.050**	**0.146**
08:00-09:00	**15**	**14532**	**0.136**	**0.111**	**0.247**
09:00-10:00	**15**	**14532**	**0.131**	**0.150**	**0.281**
10:00-11:00	**15**	**14532**	**0.121**	**0.127**	**0.248**
11:00-12:00	**15**	**14532**	**0.110**	**0.115**	**0.225**
12:00-13:00	**15**	**14532**	**0.108**	**0.122**	**0.230**
13:00-14:00	**15**	**14532**	**0.107**	**0.104**	**0.211**
14:00-15:00	**15**	**14532**	**0.104**	**0.106**	**0.210**
15:00-16:00	**15**	**14532**	**0.092**	**0.083**	**0.175**
16:00-17:00	**15**	**14532**	**0.091**	**0.106**	**0.197**
17:00-18:00	**15**	**14532**	**0.040**	**0.072**	**0.112**
18:00-19:00	**15**	**14532**	**0.015**	**0.029**	**0.044**
19:00-20:00	**10**	**14395**	**0.008**	**0.009**	**0.017**
20:00-21:00	**10**	**14395**	**0.005**	**0.008**	**0.013**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**1.211**	**1.210**	**2.421**

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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Motorcycles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.001**	**0.000**	**0.001**
06:00-07:00	**10**	**14395**	**0.001**	**0.000**	**0.001**
07:00-08:00	**15**	**14532**	**0.002**	**0.000**	**0.002**
08:00-09:00	**15**	**14532**	**0.003**	**0.000**	**0.003**
09:00-10:00	**15**	**14532**	**0.002**	**0.000**	**0.002**
10:00-11:00	**15**	**14532**	**0.001**	**0.002**	**0.003**
11:00-12:00	**15**	**14532**	**0.001**	**0.000**	**0.001**
12:00-13:00	**15**	**14532**	**0.003**	**0.004**	**0.007**
13:00-14:00	**15**	**14532**	**0.000**	**0.002**	**0.002**
14:00-15:00	**15**	**14532**	**0.001**	**0.002**	**0.003**
15:00-16:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
16:00-17:00	**15**	**14532**	**0.001**	**0.002**	**0.003**
17:00-18:00	**15**	**14532**	**0.000**	**0.002**	**0.002**
18:00-19:00	**15**	**14532**	**0.000**	**0.002**	**0.002**
19:00-20:00	**10**	**14395**	**0.000**	**0.001**	**0.001**
20:00-21:00	**10**	**14395**	**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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	04/04/2017 - 06/10/2023
Number of weekdays (Monday-Friday):	10
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Vehicle Occupants

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.083**	**0.015**	**0.098**
06:00-07:00	**10**	**14395**	**0.133**	**0.044**	**0.177**
07:00-08:00	**15**	**14532**	**0.468**	**0.122**	**0.590**
08:00-09:00	**15**	**14532**	**0.730**	**0.257**	**0.987**
09:00-10:00	**15**	**14532**	**0.494**	**0.385**	**0.879**
10:00-11:00	**15**	**14532**	**0.407**	**0.357**	**0.764**
11:00-12:00	**15**	**14532**	**0.381**	**0.390**	**0.771**
12:00-13:00	**15**	**14532**	**0.429**	**0.484**	**0.913**
13:00-14:00	**15**	**14532**	**0.438**	**0.471**	**0.909**
14:00-15:00	**15**	**14532**	**0.379**	**0.457**	**0.836**
15:00-16:00	**15**	**14532**	**0.325**	**0.398**	**0.723**
16:00-17:00	**15**	**14532**	**0.429**	**0.605**	**1.034**
17:00-18:00	**15**	**14532**	**0.255**	**0.693**	**0.948**
18:00-19:00	**15**	**14532**	**0.142**	**0.328**	**0.470**
19:00-20:00	**10**	**14395**	**0.081**	**0.128**	**0.209**
20:00-21:00	**10**	**14395**	**0.027**	**0.060**	**0.087**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**5.201**	**5.194**	**10.395**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 26/04/2024
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Pedestrians

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.001**	**0.001**	**0.002**
06:00-07:00	**10**	**14395**	**0.009**	**0.000**	**0.009**
07:00-08:00	**15**	**14532**	**0.022**	**0.014**	**0.036**
08:00-09:00	**15**	**14532**	**0.039**	**0.028**	**0.067**
09:00-10:00	**15**	**14532**	**0.030**	**0.019**	**0.049**
10:00-11:00	**15**	**14532**	**0.015**	**0.016**	**0.031**
11:00-12:00	**15**	**14532**	**0.019**	**0.020**	**0.039**
12:00-13:00	**15**	**14532**	**0.047**	**0.048**	**0.095**
13:00-14:00	**15**	**14532**	**0.048**	**0.055**	**0.103**
14:00-15:00	**15**	**14532**	**0.033**	**0.028**	**0.061**
15:00-16:00	**15**	**14532**	**0.017**	**0.017**	**0.034**
16:00-17:00	**15**	**14532**	**0.020**	**0.026**	**0.046**
17:00-18:00	**15**	**14532**	**0.027**	**0.048**	**0.075**
18:00-19:00	**15**	**14532**	**0.011**	**0.023**	**0.034**
19:00-20:00	**10**	**14395**	**0.003**	**0.015**	**0.018**
20:00-21:00	**10**	**14395**	**0.002**	**0.002**	**0.004**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.343**	**0.360**	**0.703**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 06/11/2023
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Public Transport Users

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.000**	**0.000**	**0.000**
06:00-07:00	**10**	**14395**	**0.001**	**0.000**	**0.001**
07:00-08:00	**15**	**14532**	**0.012**	**0.000**	**0.012**
08:00-09:00	**15**	**14532**	**0.021**	**0.001**	**0.022**
09:00-10:00	**15**	**14532**	**0.017**	**0.001**	**0.018**
10:00-11:00	**15**	**14532**	**0.006**	**0.002**	**0.008**
11:00-12:00	**15**	**14532**	**0.004**	**0.006**	**0.010**
12:00-13:00	**15**	**14532**	**0.015**	**0.020**	**0.035**
13:00-14:00	**15**	**14532**	**0.021**	**0.014**	**0.035**
14:00-15:00	**15**	**14532**	**0.003**	**0.009**	**0.012**
15:00-16:00	**15**	**14532**	**0.002**	**0.012**	**0.014**
16:00-17:00	**15**	**14532**	**0.004**	**0.010**	**0.014**
17:00-18:00	**15**	**14532**	**0.004**	**0.021**	**0.025**
18:00-19:00	**15**	**14532**	**0.001**	**0.011**	**0.012**
19:00-20:00	**10**	**14395**	**0.000**	**0.001**	**0.001**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.111**	**0.108**	**0.219**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 06/11/2023
Number of weekdays (Monday-Friday):	13
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Bus/Tram Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.000**	**0.000**	**0.000**
06:00-07:00	**10**	**14395**	**0.001**	**0.000**	**0.001**
07:00-08:00	**15**	**14532**	**0.012**	**0.000**	**0.012**
08:00-09:00	**15**	**14532**	**0.019**	**0.001**	**0.020**
09:00-10:00	**15**	**14532**	**0.011**	**0.001**	**0.012**
10:00-11:00	**15**	**14532**	**0.006**	**0.002**	**0.008**
11:00-12:00	**15**	**14532**	**0.004**	**0.005**	**0.009**
12:00-13:00	**15**	**14532**	**0.015**	**0.020**	**0.035**
13:00-14:00	**15**	**14532**	**0.021**	**0.012**	**0.033**
14:00-15:00	**15**	**14532**	**0.003**	**0.008**	**0.011**
15:00-16:00	**15**	**14532**	**0.002**	**0.009**	**0.011**
16:00-17:00	**15**	**14532**	**0.004**	**0.010**	**0.014**
17:00-18:00	**15**	**14532**	**0.004**	**0.021**	**0.025**
18:00-19:00	**15**	**14532**	**0.001**	**0.011**	**0.012**
19:00-20:00	**10**	**14395**	**0.000**	**0.001**	**0.001**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.103**	**0.101**	**0.204**

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.

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Audit Code: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 06/11/2023
Number of weekdays (Monday-Friday):	13
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Coach Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.000**	**0.000**	**0.000**
06:00-07:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
07:00-08:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
08:00-09:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
09:00-10:00	**15**	**14532**	**0.003**	**0.000**	**0.003**
10:00-11:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
11:00-12:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
12:00-13:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
13:00-14:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
14:00-15:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
15:00-16:00	**15**	**14532**	**0.000**	**0.002**	**0.002**
16:00-17:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
17:00-18:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
18:00-19:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
19:00-20:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.003**	**0.003**	**0.006**

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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	20/09/2016 - 20/09/2016
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

Total Rail Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**10**	**14395**	**0.000**	**0.000**	**0.000**
06:00-07:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
07:00-08:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
08:00-09:00	**15**	**14532**	**0.001**	**0.000**	**0.001**
09:00-10:00	**15**	**14532**	**0.003**	**0.000**	**0.003**
10:00-11:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
11:00-12:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
12:00-13:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
13:00-14:00	**15**	**14532**	**0.000**	**0.002**	**0.002**
14:00-15:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
15:00-16:00	**15**	**14532**	**0.000**	**0.001**	**0.001**
16:00-17:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
17:00-18:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
18:00-19:00	**15**	**14532**	**0.000**	**0.000**	**0.000**
19:00-20:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
20:00-21:00	**10**	**14395**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.004**	**0.004**	**0.008**

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: 515c3e8e-4dfe-46f6-8028-4a330657b6b7

Parameter Summary:

Trip rate parameter range selected:	5000 - 75000 (units: sqm)
Survey date date range:	04/04/2017 - 14/09/2022
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	10
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.

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TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 02 - EMPLOYMENT

Category: F - WAREHOUSING (COMMERCIAL)

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	**SOUTH EAST**		
	EX	ESSEX	1 day
05	**EAST MIDLANDS**		
	NT	NOTTINGHAMSHIRE	1 day
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	DR	DONCASTER	1 day
	NY	NORTH YORKSHIRE	1 day
09	**NORTH**		
	CU	CUMBERLAND	1 day

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

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Primary Filtering Selection:

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

Parameter:	GFA
Actual Range:	950 to 105335 (units:sqm)
Range Selected by User:	950 to 105335 (units:sqm)
Parking Spaces Range:	20 - 1192

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	01/01/16 to 18/06/24

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

Selected survey days:

Friday	1 days
Monday	1 days
Tuesday	1 days
Wednesday	2 days

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

Selected survey types:

Manual count	5
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 undertaking using machines

Selected Locations:

Edge of Town	4 days
Suburban Area (PPS6 Out of Centre)	1 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	4 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	2 days
Servicing vehicles Included	3 days

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Secondary Filtering Selection:

Use Class:

B8	4 surveys
N/A	1 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:

300 - 2193

Population within 1 mile:

1,000 or Less	1 surveys
1,001 to 5,000	1 surveys
10,001 to 15,000	1 surveys
25,001 to 50,000	1 surveys
5,001 to 10,000	1 surveys

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

Population within 5 miles:

125,001 to 250,000	2 surveys
25,001 to 50,000	1 surveys
5,001 to 25,000	1 surveys
75,001 to 100,000	1 surveys

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

Car ownership within 5 miles:

1.1 to 1.5	5 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.

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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	4 surveys
Yes	1 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:

No PTAL Present	5 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:

No

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1	**CU-02-F-01**	**WAREHOUSING & DISTRIBUTION**	**CUMBERLAND**

CARLISLE ROAD
BRAMPTON
Edge of Town
Industrial Zone
Gross floor area: 4007 sqm
Survey date: Wednesday 19/06/2024 Survey Type: Manual

2	**DR-02-F-01**	**TESCO DISTRIBUTION CENTRE**	**DONCASTER**

MIDDLE BANK
DONCASTER
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Gross floor area: 80100 sqm
Survey date: Tuesday 21/09/2021 Survey Type: Manual

3	**EX-02-F-01**	**SPORTS SUPPLEMENTS**	**ESSEX**

BRUNEL WAY
COLCHESTER
SEVERALLS INDUSTRIAL PK
Edge of Town
Industrial Zone
Gross floor area: 6560 sqm
Survey date: Friday 18/05/2018 Survey Type: Manual

4	**NT-02-F-01**	**LOGISTICS WAREHOUSING PARK**	**NOTTINGHAMSHIRE**

NOOK FLATT ROAD
NEAR WORKSOP
BLYTH
Edge of Town
Development Zone
Gross floor area: 105335 sqm
Survey date: Wednesday 18/10/2023 Survey Type: Manual

5	**NY-02-F-01**	**REMOVALS SERVICE**	**NORTH YORKSHIRE**

GRIMBALD CRAG CLOSE
KNARESBOROUGH
Edge of Town
Industrial Zone
Gross floor area: 1750 sqm
Survey date: Monday 19/06/2023 Survey Type: Manual

DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
HO-02-F-01	23-11-2016	England excl. Greater London

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Total Vehicles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.074**	**0.029**	**0.103**
06:00-07:00	**3**	**63147**	**0.028**	**0.063**	**0.091**
07:00-08:00	**5**	**39550**	**0.047**	**0.025**	**0.072**
08:00-09:00	**5**	**39550**	**0.039**	**0.026**	**0.065**
09:00-10:00	**5**	**39550**	**0.052**	**0.035**	**0.087**
10:00-11:00	**5**	**39550**	**0.049**	**0.049**	**0.098**
11:00-12:00	**5**	**39550**	**0.050**	**0.040**	**0.090**
12:00-13:00	**5**	**39550**	**0.050**	**0.059**	**0.109**
13:00-14:00	**5**	**39550**	**0.052**	**0.041**	**0.093**
14:00-15:00	**5**	**39550**	**0.050**	**0.078**	**0.128**
15:00-16:00	**5**	**39550**	**0.044**	**0.042**	**0.086**
16:00-17:00	**5**	**39550**	**0.034**	**0.045**	**0.079**
17:00-18:00	**5**	**39550**	**0.037**	**0.041**	**0.078**
18:00-19:00	**5**	**39550**	**0.022**	**0.046**	**0.068**
19:00-20:00	**3**	**63147**	**0.018**	**0.023**	**0.041**
20:00-21:00	**3**	**63147**	**0.016**	**0.020**	**0.036**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.662**	**0.662**	**1.324**

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.

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Total People

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.094**	**0.045**	**0.139**
06:00-07:00	**3**	**63147**	**0.040**	**0.065**	**0.105**
07:00-08:00	**5**	**39550**	**0.054**	**0.031**	**0.085**
08:00-09:00	**5**	**39550**	**0.052**	**0.028**	**0.080**
09:00-10:00	**5**	**39550**	**0.075**	**0.039**	**0.114**
10:00-11:00	**5**	**39550**	**0.055**	**0.053**	**0.108**
11:00-12:00	**5**	**39550**	**0.063**	**0.048**	**0.111**
12:00-13:00	**5**	**39550**	**0.058**	**0.065**	**0.123**
13:00-14:00	**5**	**39550**	**0.057**	**0.046**	**0.103**
14:00-15:00	**5**	**39550**	**0.054**	**0.095**	**0.149**
15:00-16:00	**5**	**39550**	**0.048**	**0.048**	**0.096**
16:00-17:00	**5**	**39550**	**0.034**	**0.064**	**0.098**
17:00-18:00	**5**	**39550**	**0.042**	**0.054**	**0.096**
18:00-19:00	**5**	**39550**	**0.024**	**0.057**	**0.081**
19:00-20:00	**3**	**63147**	**0.021**	**0.043**	**0.064**
20:00-21:00	**3**	**63147**	**0.019**	**0.030**	**0.049**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.790**	**0.811**	**1.601**

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.

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Cyclists

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.002**	**0.001**	**0.003**
06:00-07:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
07:00-08:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
08:00-09:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
09:00-10:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
10:00-11:00	**5**	**39550**	**0.002**	**0.001**	**0.003**
11:00-12:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
12:00-13:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
13:00-14:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
14:00-15:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
15:00-16:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
16:00-17:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
17:00-18:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
18:00-19:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
19:00-20:00	**3**	**63147**	**0.001**	**0.004**	**0.005**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.010**	**0.009**	**0.019**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	21/09/2021 - 18/10/2023
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

PSVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.000**	**0.000**	**0.000**
06:00-07:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
07:00-08:00	**5**	**39550**	**0.000**	**0.002**	**0.002**
08:00-09:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
09:00-10:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
10:00-11:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
11:00-12:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
12:00-13:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
13:00-14:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
14:00-15:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
15:00-16:00	**5**	**39550**	**0.001**	**0.001**	**0.002**
16:00-17:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
17:00-18:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
18:00-19:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
19:00-20:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.004**	**0.004**	**0.008**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	19/06/2024 - 19/06/2024
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

OGVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.007**	**0.010**	**0.017**
06:00-07:00	**3**	**63147**	**0.008**	**0.010**	**0.018**
07:00-08:00	**5**	**39550**	**0.013**	**0.014**	**0.027**
08:00-09:00	**5**	**39550**	**0.018**	**0.016**	**0.034**
09:00-10:00	**5**	**39550**	**0.022**	**0.016**	**0.038**
10:00-11:00	**5**	**39550**	**0.025**	**0.027**	**0.052**
11:00-12:00	**5**	**39550**	**0.022**	**0.015**	**0.037**
12:00-13:00	**5**	**39550**	**0.022**	**0.021**	**0.043**
13:00-14:00	**5**	**39550**	**0.018**	**0.018**	**0.036**
14:00-15:00	**5**	**39550**	**0.026**	**0.021**	**0.047**
15:00-16:00	**5**	**39550**	**0.024**	**0.021**	**0.045**
16:00-17:00	**5**	**39550**	**0.014**	**0.015**	**0.029**
17:00-18:00	**5**	**39550**	**0.020**	**0.014**	**0.034**
18:00-19:00	**5**	**39550**	**0.011**	**0.018**	**0.029**
19:00-20:00	**3**	**63147**	**0.007**	**0.013**	**0.020**
20:00-21:00	**3**	**63147**	**0.007**	**0.012**	**0.019**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.264**	**0.261**	**0.525**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Taxis

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.001**	**0.001**	**0.002**
06:00-07:00	**3**	**63147**	**0.001**	**0.001**	**0.002**
07:00-08:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
08:00-09:00	**5**	**39550**	**0.002**	**0.002**	**0.004**
09:00-10:00	**5**	**39550**	**0.002**	**0.002**	**0.004**
10:00-11:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
11:00-12:00	**5**	**39550**	**0.001**	**0.001**	**0.002**
12:00-13:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
13:00-14:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
14:00-15:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.001**	**0.001**	**0.002**
17:00-18:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
18:00-19:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
19:00-20:00	**3**	**63147**	**0.001**	**0.001**	**0.002**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.009**	**0.009**	**0.018**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	21/09/2021 - 19/06/2023
Number of weekdays (Monday-Friday):	2
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Cars

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.065**	**0.017**	**0.082**
06:00-07:00	**3**	**63147**	**0.017**	**0.051**	**0.068**
07:00-08:00	**5**	**39550**	**0.029**	**0.005**	**0.034**
08:00-09:00	**5**	**39550**	**0.016**	**0.006**	**0.022**
09:00-10:00	**5**	**39550**	**0.022**	**0.016**	**0.038**
10:00-11:00	**5**	**39550**	**0.018**	**0.016**	**0.034**
11:00-12:00	**5**	**39550**	**0.022**	**0.021**	**0.043**
12:00-13:00	**5**	**39550**	**0.024**	**0.034**	**0.058**
13:00-14:00	**5**	**39550**	**0.030**	**0.021**	**0.051**
14:00-15:00	**5**	**39550**	**0.021**	**0.052**	**0.073**
15:00-16:00	**5**	**39550**	**0.018**	**0.019**	**0.037**
16:00-17:00	**5**	**39550**	**0.016**	**0.025**	**0.041**
17:00-18:00	**5**	**39550**	**0.014**	**0.026**	**0.040**
18:00-19:00	**5**	**39550**	**0.010**	**0.023**	**0.033**
19:00-20:00	**3**	**63147**	**0.010**	**0.008**	**0.018**
20:00-21:00	**3**	**63147**	**0.008**	**0.008**	**0.016**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.340**	**0.348**	**0.688**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

LGVs

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.001**	**0.002**	**0.003**
06:00-07:00	**3**	**63147**	**0.002**	**0.001**	**0.003**
07:00-08:00	**5**	**39550**	**0.004**	**0.005**	**0.009**
08:00-09:00	**5**	**39550**	**0.004**	**0.003**	**0.007**
09:00-10:00	**5**	**39550**	**0.007**	**0.002**	**0.009**
10:00-11:00	**5**	**39550**	**0.006**	**0.005**	**0.011**
11:00-12:00	**5**	**39550**	**0.006**	**0.004**	**0.010**
12:00-13:00	**5**	**39550**	**0.003**	**0.004**	**0.007**
13:00-14:00	**5**	**39550**	**0.004**	**0.002**	**0.006**
14:00-15:00	**5**	**39550**	**0.003**	**0.003**	**0.006**
15:00-16:00	**5**	**39550**	**0.002**	**0.002**	**0.004**
16:00-17:00	**5**	**39550**	**0.004**	**0.004**	**0.008**
17:00-18:00	**5**	**39550**	**0.003**	**0.002**	**0.005**
18:00-19:00	**5**	**39550**	**0.001**	**0.005**	**0.006**
19:00-20:00	**3**	**63147**	**0.001**	**0.001**	**0.002**
20:00-21:00	**3**	**63147**	**0.001**	**0.000**	**0.001**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.052**	**0.045**	**0.097**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Motorcycles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.000**	**0.000**	**0.000**
06:00-07:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
07:00-08:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
08:00-09:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
09:00-10:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
10:00-11:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
11:00-12:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
12:00-13:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
13:00-14:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
14:00-15:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
17:00-18:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
18:00-19:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
19:00-20:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.003**	**0.002**	**0.005**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 18/10/2023
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Vehicle Occupants

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.080**	**0.031**	**0.111**
06:00-07:00	**3**	**63147**	**0.030**	**0.065**	**0.095**
07:00-08:00	**5**	**39550**	**0.053**	**0.030**	**0.083**
08:00-09:00	**5**	**39550**	**0.047**	**0.028**	**0.075**
09:00-10:00	**5**	**39550**	**0.062**	**0.038**	**0.100**
10:00-11:00	**5**	**39550**	**0.051**	**0.051**	**0.102**
11:00-12:00	**5**	**39550**	**0.054**	**0.045**	**0.099**
12:00-13:00	**5**	**39550**	**0.054**	**0.062**	**0.116**
13:00-14:00	**5**	**39550**	**0.055**	**0.045**	**0.100**
14:00-15:00	**5**	**39550**	**0.054**	**0.091**	**0.145**
15:00-16:00	**5**	**39550**	**0.048**	**0.047**	**0.095**
16:00-17:00	**5**	**39550**	**0.034**	**0.053**	**0.087**
17:00-18:00	**5**	**39550**	**0.038**	**0.050**	**0.088**
18:00-19:00	**5**	**39550**	**0.023**	**0.054**	**0.077**
19:00-20:00	**3**	**63147**	**0.017**	**0.023**	**0.040**
20:00-21:00	**3**	**63147**	**0.016**	**0.020**	**0.036**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.716**	**0.733**	**1.449**

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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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Pedestrians

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.008**	**0.011**	**0.019**
06:00-07:00	**3**	**63147**	**0.006**	**0.000**	**0.006**
07:00-08:00	**5**	**39550**	**0.002**	**0.001**	**0.003**
08:00-09:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
09:00-10:00	**5**	**39550**	**0.011**	**0.001**	**0.012**
10:00-11:00	**5**	**39550**	**0.002**	**0.001**	**0.003**
11:00-12:00	**5**	**39550**	**0.008**	**0.002**	**0.010**
12:00-13:00	**5**	**39550**	**0.004**	**0.002**	**0.006**
13:00-14:00	**5**	**39550**	**0.001**	**0.001**	**0.002**
14:00-15:00	**5**	**39550**	**0.000**	**0.003**	**0.003**
15:00-16:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
16:00-17:00	**5**	**39550**	**0.001**	**0.010**	**0.011**
17:00-18:00	**5**	**39550**	**0.003**	**0.001**	**0.004**
18:00-19:00	**5**	**39550**	**0.000**	**0.003**	**0.003**
19:00-20:00	**3**	**63147**	**0.002**	**0.013**	**0.015**
20:00-21:00	**3**	**63147**	**0.003**	**0.010**	**0.013**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.053**	**0.060**	**0.113**

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

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

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Public Transport Users

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.004**	**0.003**	**0.007**
06:00-07:00	**3**	**63147**	**0.003**	**0.000**	**0.003**
07:00-08:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
08:00-09:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
09:00-10:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
10:00-11:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
11:00-12:00	**5**	**39550**	**0.002**	**0.001**	**0.003**
12:00-13:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
13:00-14:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
14:00-15:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
17:00-18:00	**5**	**39550**	**0.001**	**0.003**	**0.004**
18:00-19:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
19:00-20:00	**3**	**63147**	**0.001**	**0.003**	**0.004**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.016**	**0.016**	**0.032**

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.

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2023
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Bus/Tram Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.004**	**0.003**	**0.007**
06:00-07:00	**3**	**63147**	**0.003**	**0.000**	**0.003**
07:00-08:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
08:00-09:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
09:00-10:00	**5**	**39550**	**0.002**	**0.000**	**0.002**
10:00-11:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
11:00-12:00	**5**	**39550**	**0.002**	**0.001**	**0.003**
12:00-13:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
13:00-14:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
14:00-15:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.000**	**0.001**	**0.001**
17:00-18:00	**5**	**39550**	**0.001**	**0.003**	**0.004**
18:00-19:00	**5**	**39550**	**0.001**	**0.000**	**0.001**
19:00-20:00	**3**	**63147**	**0.001**	**0.003**	**0.004**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.016**	**0.016**	**0.032**

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.

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	18/05/2018 - 19/06/2023
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Coach Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.000**	**0.000**	**0.000**
06:00-07:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
07:00-08:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
08:00-09:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
09:00-10:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
10:00-11:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
11:00-12:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
12:00-13:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
13:00-14:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
14:00-15:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
17:00-18:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
18:00-19:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
19:00-20:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.000**	**0.000**	**0.000**

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.

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Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	N/A - N/A
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Total Rail Passengers

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	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	**3**	**63147**	**0.000**	**0.000**	**0.000**
06:00-07:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
07:00-08:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
08:00-09:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
09:00-10:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
10:00-11:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
11:00-12:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
12:00-13:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
13:00-14:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
14:00-15:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
15:00-16:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
16:00-17:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
17:00-18:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
18:00-19:00	**5**	**39550**	**0.000**	**0.000**	**0.000**
19:00-20:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
20:00-21:00	**3**	**63147**	**0.000**	**0.000**	**0.000**
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			**0.000**	**0.000**	**0.000**

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

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

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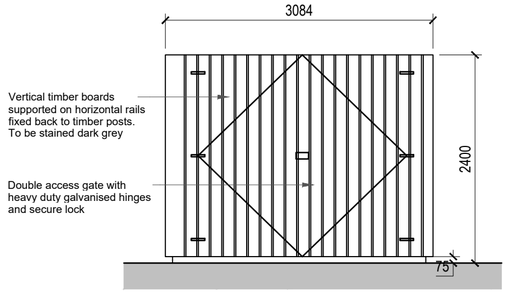
Parameter Summary:

Trip rate parameter range selected:	950 - 105335 (units: sqm)
Survey date date range:	N/A - N/A
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	0

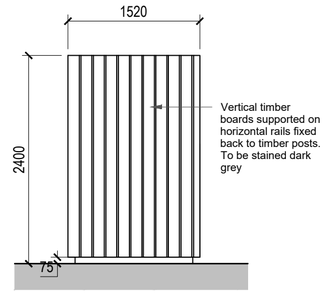
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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

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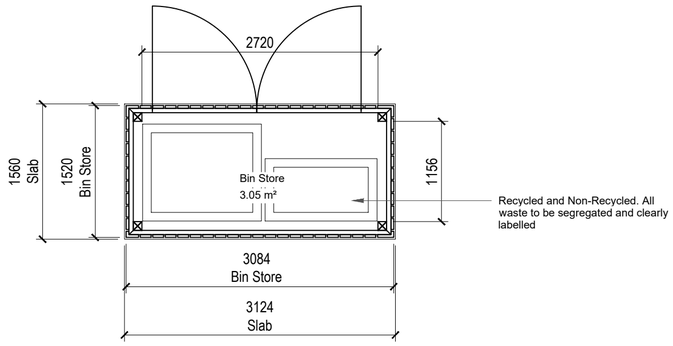
D. Proposed Refuse Store Plan



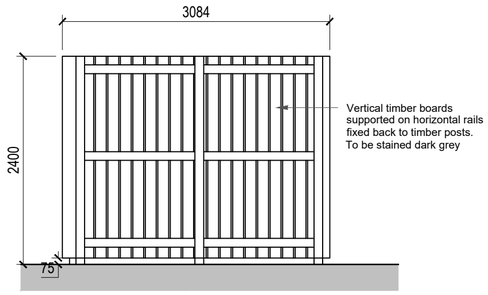
Front Elevation
Scale @ 1:50



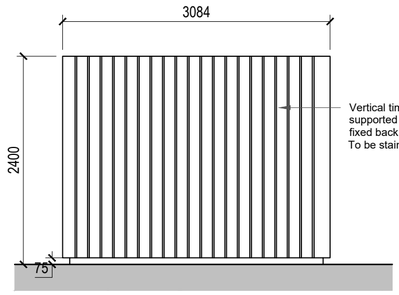
Short Elevation
Scale @ 1:50



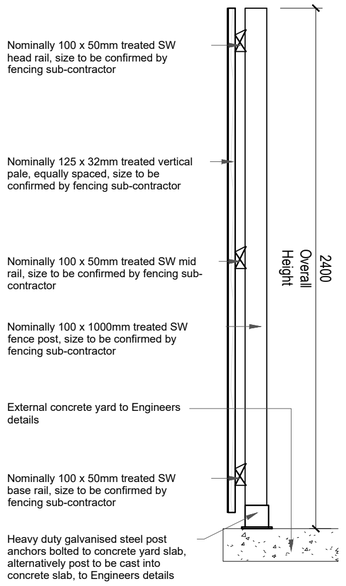
External Bin Store Plan - Plaza
Scale @ 1:50



Bin Store Section
Scale @ 1:50



Rear Elevation
Scale @ 1:50



Bin Store Detail Section
Scale @ 1:20



Bin Store Location Plan
Scale @ 1:1250

NOTES

AEWTP027C

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CDM 2015

Client notified of duties:

Principal Designer:

Unless noted below, all known hazards have been highlighted on the drawing:

REV	Date	Drawn by: -	Checked by: -
P02	26/11/25	AW	AS
Planning Issue			
P01	30/10/25	AG	CF
Initial Issue			

Status: S2 — Purpose of Issue: For Information

drawing stage: **Planning**

client: **Ask Real Estate**

project: **Manchester Business Park**

drawing title: **Proposed Refuse Store Details**

date: 30/10/25 — drawn: AW

scale@A2: As Indicated — checked: AS

AEW Reference Number 13532

Rev **P02**

Job No **13532-AEW-SI-XX-DR-A-05104**

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0161 214 4370
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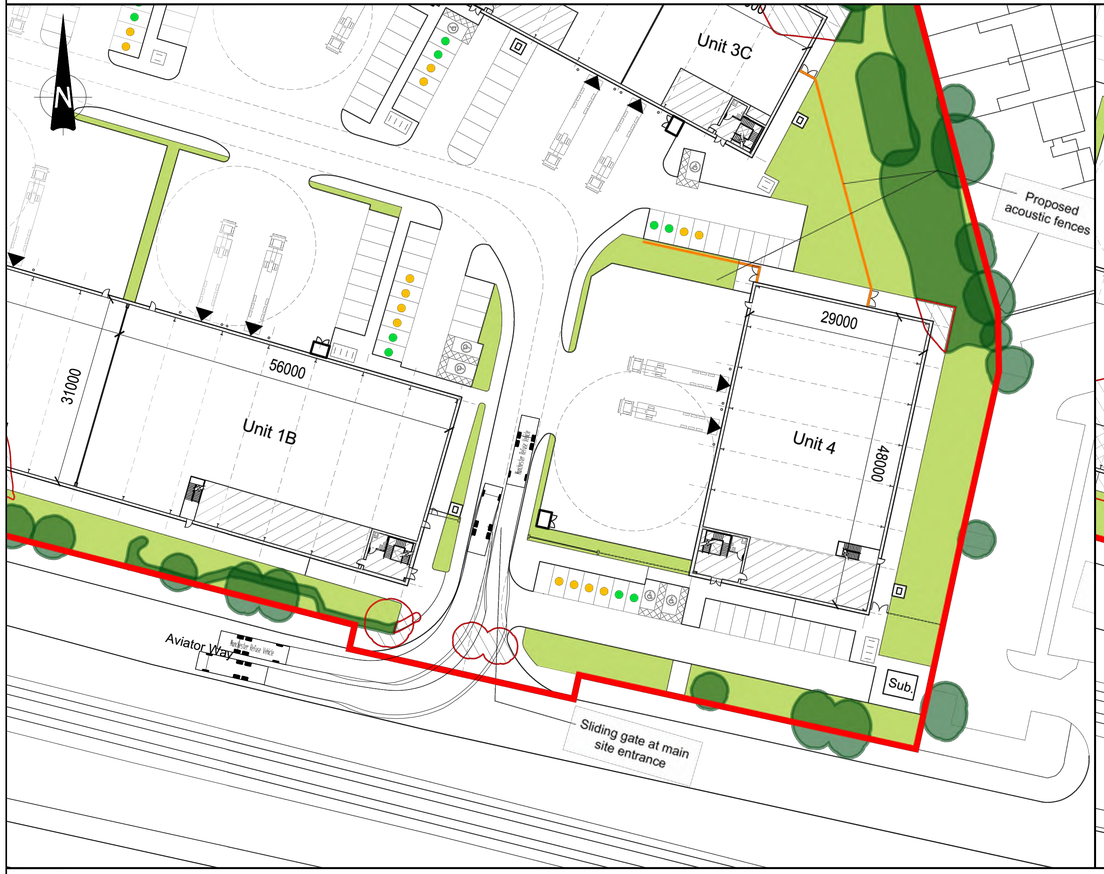
E. Swept Path Analysis – Refuse Vehicle

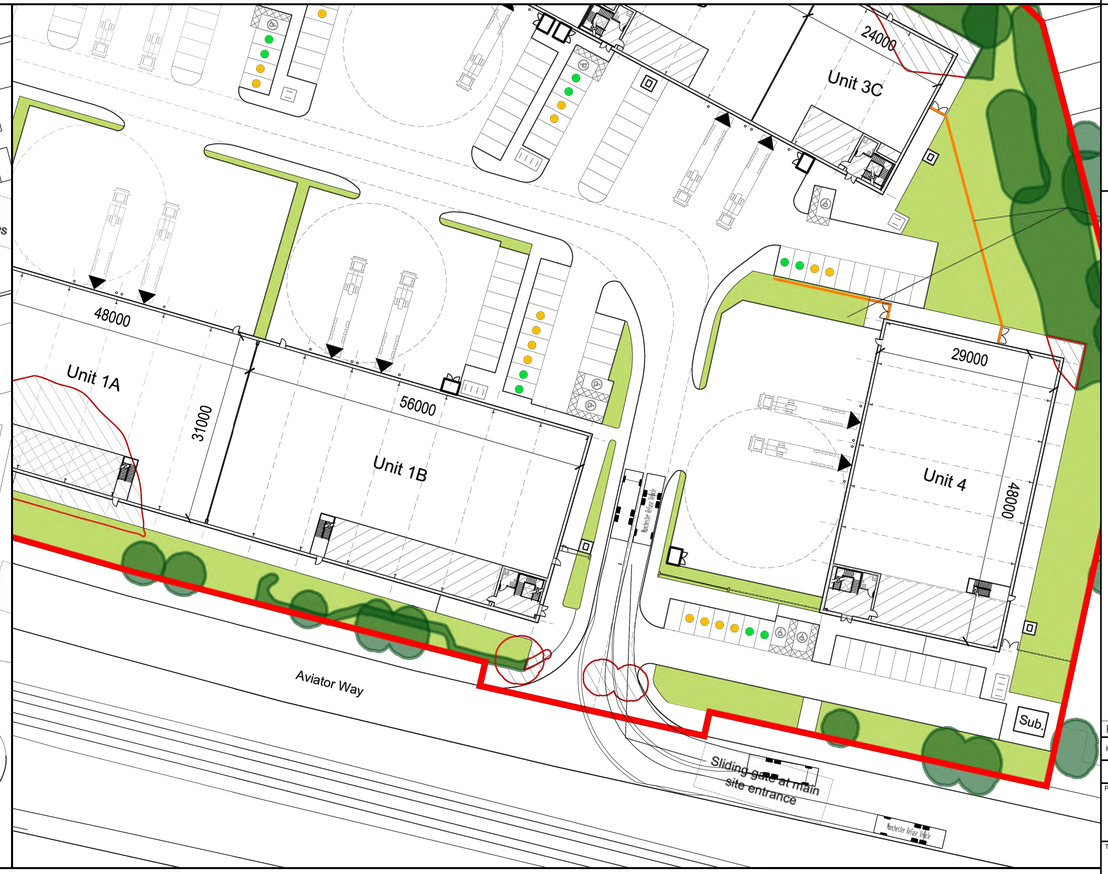
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Any discrepancies should be referred to the Engineer prior to work being put in hand.

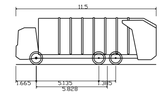
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Manchester Refuse Vehicle	
Overall Length	11.500m
Overall Width	2.500m
Overall Body Height	3.939m
Min Body Ground Clearance	0.391m
Track Width	2.100m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	17.880m

Rev	Date	Description	By	Chk
P01	28.11.25	ISSUED	GF	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
REFUSE VEHICLE SWEPT PATH ANALYSIS ACCESS & EGRESS

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	GF	Director AB	Waterman Ref WIE21347
Drawn By	GF	Date NOVEMBER 2025	Scales @ A1 1:500

1:500 0 10m 20m 30m 40m 50m
1:1 0 10 20 30 40 50 60 70 80 90 100

Project | Originator | Functional | Spatial | Form | Discipline | Number: 21347101-WAT-HGN-ZZ-XX-DR-H-050114

Revision: P01

A1-Wat-ISO-S-2023

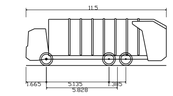
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Manchester Refuse Vehicle

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Rev	Date	Description	By	Chk
P01	28.11.25	ISSUED	GF	AB

Amendments

Project
AVIATOR WAY, MANCHESTER BUSINESS PARK

Title
REFUSE VEHICLE SWEPT PATH ANALYSIS BIN STORE ACCESS

Client
ASK REAL ESTATE

5th Floor One Cornwall Street Birmingham B3 2DX
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Work Stage	STAGE 2 Concept design		RIBA
Suitability	INFORMATION		S2
Designed By	GF	Director AB	Waterman Ref WIE21347
Drawn By	GF	Date NOVEMBER 2025	Scales @ A1 1:500

Project | Originator | Functional | Spatial | Form | Discipline | Number: 21347101-WAT-HGN-ZZ-XX-DR-H-050115

Revision: P01

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A1-Wat-ISO-S-2023

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F. MCC Waste Proforma

MANCHESTER CITY COUNCIL

Appendix E - Waste Management Strategy (v7.00 from September 2023)

Planning Application Number:
Date Submitted:
Estimated volumes / m2 required by the development

Will this property be used as a House in Multiple Occupation (HMO)?	Yes / No (delete as appropriate)
If this property will be used as an HMO, how many people do you intend to accommodate (5+)?	

Low Rise Domestic

Waste Types	Capacity required (litres)	Number of bins required (per household)	Confirm what is to be provided (and whether the developer or the resident will be responsible for ordering these)
General refuse	140 standard / 240 in certain circumstances	1 x wheeled bin (possibly more for HMO)	
Pulpable Recycling	240	1 x wheeled bin (possibly more for HMO)	
Mixed Recycling	240	1 x wheeled bin (possibly more for HMO)	
Garden Waste	240	1 x wheeled bin (possibly more for HMO)	
Food Waste	23	1 x 23 litre caddy (Possibly more for HMO)	

High Rise Apartment Developments

0.43m2 has been provided per apartment for the containers, with extra space for residents to access each container and space for staff to manoeuvre each container for collection. (different for purpose-built student accommodation – see guidance)	Yes / No (delete as appropriate) How many of each container do you plan to provide? _____ x general refuse x 1100 litre (based on 110 litres per apartment) _____ x pulpable Recycling x 1100 litre (based on 55 litres per apartment) _____ x mixed recycling x 1100 litre (based on 55 litres per apartment) _____ x food waste x 240 litres (based on 10 litres per apartment) _____ x garden waste (if applicable) x 240 litres
Is it as easy, or easier, for residents to recycle, as it is for them to dispose of general waste?	Yes / No (delete as appropriate)

Commercial Developments

Please state number of bins you propose, showing calculations where appropriate.

General Waste - Dry recycling (include material type details) - Food Waste - Industrial Waste - Other -

Has / will a contract be obtained with a licenced waste carrier?	Yes / No (delete as appropriate

Mixed Use Developments

Are the stores for residential and commercial waste completely separate from each other, with residents having no access to the commercial store and the commercial units having no access to the residential store?	Yes / No (delete as appropriate)

Internal Stores (Residential and Commercial)

Please provide details of internal stores / segregation of waste and recycling.

Storage Areas for Waste Containers (Residential and Commercial)

Please provide details of container stores, attaching plans if appropriate.

Ensure all bins in the store are accessible	☐
Ensure recycling facilities are as easy to access as general refuse	☐

Please confirm details of waste store ventilation and hygiene / cleaning proposals

Ventilation - Hygiene -

Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g., resident / management company

Please ensure that you have attached:

Detailed plans of bin stores	☐
Location plans showing stores	☐
Location plans showing the proposed collection point and the route the collection vehicle will take (please refer to the Road, Vehicle and Waste Operative Access Specification – paying particular attention to turning space and reversing)	☐

Please ensure that you have completed this form in accordance with the latest version of GD04 Waste Storage and Collection Guidance for New Developments – v.7 September 2023, read in conjunction with the Waste and Recycling Service Standard found on the Council website.

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