Allied London Fire Station Ltd

LONDON ROAD FIRE STATION, MANCHESTER

Transport Statement

VN60607

December 2019

REPORT CONTROL

Document:	Transport Statement
Project:	London Road Fire Station, Manchester
Client:	Allied London Fire Station Ltd
Job Number:	VN60607
File Origin:	N:\Vectos Job Data\2016\VN60607 London Road Fire Station\2019\Reports

Document Checking:

Primary Author	Elliot Read	**Initialled:**	ER
Contributor	Elliot Read	**Initialled:**	ER
Review By	Gareth Davis	**Initialled:**	GD

Issue	Date	Status	Checked for Issue
1	22/11/19	First Issue	GD
2	29/11/19	Second Issue	GD
3	06/12/19	Third Issue	GD

CONTENTS

1 INTRODUCTION 1

1.1 Background 1

2 TRANSPORT PLANNING POLICY CONTEXT 2

2.1 National Policy 2
2.2 Local Policy 2

3 EXISTING SITE USE 6

3.1 The Site 6
3.2 Vehicular Accesses 7

4 LOCAL TRANSPORT CONDITIONS 9

4.1 Surrounding Highway Network 9
4.2 Existing Public Realm Audit 14
4.3 Public Car Parking 15
4.4 Pedestrian Facilities 15
4.5 Metroshuttle 16
4.6 Access by Bus 17
4.7 Metrolink 19
4.8 Rail 19
4.9 Cycling Facilities 20
4.10 Existing Traffic Conditions 21

5 DEVELOPMENT PROPOSALS 22

5.1 Built Proposals 22
5.2 Public Realm 23
5.3 Car Parking 23
5.4 Drop-off and Loading 24
5.5 Cycle Parking 24
5.6 Deliveries & Waste Management 25

6 TRIP FORECASTS 26

6.1 Overview 26
6.2 Taxi & Car Drop-offs & Cycle Trip Forecasts 26
6.3 Service and Waste Collection Forecasts 27

7 SUMMARY AND CONCLUSION 28

7.1 Summary 28
7.2 Conclusion 29

PLANS

Dwg VN60607-G100	**Site Location (Local Context)**
Dwg VN60607-G101	**Site Location (Wider Context)**
Dwg VN60607-D114A	**Existing Highway Layout and Access Points**
Dwg 3336-003	**Existing Public Realm Audit**
Dwg VN60607-G102	**Pedestrian Catchment**
Dwg VN60607-G103	**Cycle Catchment**
Dwg LRFS-PUR-01-ZZ-DR-A-7001	**Proposed Site Layout and Accommodation Schedule**
Dwg VN60607-D111C	**Proposed Road Layout**

APPENDICES

Appendix A	**TRICS Report – Hotel**
Appendix B	**TRICS Report – Residential**
Appendix C	**TRICS Report – Restaurant**
Appendix D	**TRICS Report – Office**
Appendix E	**TRICS Report – Retail**
Appendix F	**TRICS Report – Cinema**

1 INTRODUCTION

1.1 Background

1.1.1 This Transport Statement has been prepared by Vectos on behalf of Allied London Fire Station Ltd to consider highways and transportation aspects of a proposed redevelopment of the London Road Fire Station in Manchester. The location of the site is shown in **Dwg VN60607-G100**, with **Dwg VN60607-G101** presenting the site at a wider context.

1.1.2 The proposed redevelopment scheme comprises the external refurbishment and restoration of the Grade II* Listed former London Road Fire Station and part extension to create a mixed-use scheme comprising Hotel (Use Class C1), Workspace/office (Use Class B1), Retail, Restaurants, Cafes and Bars (Use Class A1, A3 and A4), Residential (Use Class C3) and D2 use class, together with highway works, access, servicing, landscaping and other associated works.

1.1.3 The London Road Fire Station has been under-utilised for more than 30 years and this application aims to provide a sustainable redevelopment of the site to return it to a functional site once again. This Transport Statement has been prepared to appraise the Local Highway and Planning Authority, Manchester City Council, of the anticipated transport implications of the proposed redevelopment scheme. This will focus on the accessibility of the site, the suitability of the proposed access and servicing arrangements, and the forecast vehicle trip demand associated with the scheme.

1.1.4 The structure of the remainder of this Transport Statement is therefore as follows:

- A review of relevant national and local transport planning policy;
- A description of the existing site and its operation;
- A description of the local transport conditions including an accessibility audit and existing traffic conditions;
- A description of the development proposals at the site, including a review of servicing and parking arrangements;
- An assessment of the anticipated travel demand of the application scheme and impact on the local highway network; and
- A summary and conclusion.

2 TRANSPORT PLANNING POLICY CONTEXT

2.1 National Policy

2.1.1 The main source of national policy regarding the transport planning aspects development can be found in the Department of Communities and Local Government 'National Planning Policy Framework' which was published in February 2019. This replaces the previous versions published in March 2012 and July 2018.

2.1.2 At the heart of the Framework is a presumption in favour of sustainable development. In accordance with national policy, it is considered that the development constitutes a sustainable form of development within walking and cycling distance of local residential development and public transport links.

2.1.3 As part of promoting sustainable transport, paragraph 108 of the revised NPPF states that in assessing applications for development, it should be ensured that:

- Appropriate opportunities to promote sustainable transport modes can be, or have been, taken up, given the type of development and its location;
- Safe and suitable access to the site can be achieved for all users; and
- Any significant impacts from the development on the transport network (in terms of capacity and congestion), or on highway safety, can be cost effectively mitigated to an acceptable degree.

2.1.4 Paragraph 109 goes on to state that 'Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe'.

2.2 Local Policy

2.2.1 Relevant transport planning policy and guidance at the local level is contained within the Manchester Core Strategy document, the Guide to Development in Manchester SPD and Planning Guidance and the Greater Manchester Transport Strategy. The recently endorsed Manchester Residential Quality Guidance document has also been considered.

Manchester Core Strategy

2.2.2 The Core Strategy forms the key document in Manchester's Local Development Framework and was adopted in 2012. It sets out a number of strategic policies that will guide the development of the city. Policy SP1 sets out the spatial principles that will guide development to 2027. One of these principles is as follows:

- *'New development will maximise the potential of the City's transport infrastructure, in particular promoting walking, cycling and the use of public transport.'*

2.2.3 In addition, the policy goes on to state that developments in all parts of the city should '*improve access to jobs, services and education and open space by being located to reduce the need to travel and provide good access to sustainable transport provision'*.

2.2.4 This is reinforced through policy DM 1 of the Core Strategy, which concerns development management. This states that all developments should have regard to specific issues including the access to new development by sustainable transport modes and vehicular access and car parking.

2.2.5 Policy T1 of the Core Strategy concerns sustainable transport. It states that the Council will support proposals that:

- *'Improve choice by developing alternatives to the private car.*
- *Take account of the needs of road users according to a broad hierarchy consisting of, in order of priority:*

1. *Pedestrians and disabled people,*
2. *Cyclists, public transport,*
3. *Commercial access,*
4. *General off-peak traffic,*
5. *General peak time traffic.'*

2.2.6 The development proposals are in line with these policy objectives, ensuring that the site will be accessible to all users by a range of different transport modes.

2.2.7 Policy T2 states that the Council will actively manage the pattern of development to ensure that new development:

- *'Is located to ensure good access to the City's main economic drivers, including the Regional Centre, the Oxford Road Universities and Hospitals and the Airport and to ensure good national and international connections.*
- *Is easily accessible by walking, cycling and public transport; connecting residents to jobs, centres, health, leisure, open space and educational opportunities.'*

2.2.8 With regards to parking standards, the Core Strategy states that the '*maximum standards for car parking do not apply to the City Centre as each development in the City Centre will be considered on a case by case basis*.'

Guide to Development in Manchester SPD & Planning Guidance

2.2.9 This document brings together the development principles that will apply to new developments in Manchester. Paragraph 2.22 of the documents states that:

'In order to reduce reliance on the car, residents and workers should be within easy walking distance of facilities such as clinics, corner shops, newsagents and public transport.'

2.2.10 The proposed development is well aligned with this goal, being located close to a range of different facilities. The guidance goes on to describe the need for Travel Plans in new developments, stating:

'A Travel Plan is a package of measures and actions aimed at reducing the need to travel by car by providing alternative choices and encouraging walking, cycling, and public transport use. At the planning stage consideration should be given to the proximity of the development to existing travel facilities and services, site layout, suitable density, cycling, pedestrian facilities and potential for parking restraint.'

2.2.11 Such an exercise has been completed for this development and informs part of this report along with the accompanying Travel Plan.

Manchester Residential Quality Guidance

2.2.12 Manchester City Council Executive Committee approved the Manchester Residential Quality Guidance on 14 December 2016. This is now a material consideration in the determination of planning applications and the latest issue is of March 2017.

2.2.13 This document outlines the considerations, qualities, and opportunities that will help to deliver high quality residential development as part of successful and sustainable neighbourhoods across Manchester. It contains guidance for developers in relation to design standards, and new proposals are expected to comply with the guidance. Only a draft version of the document is available for review at the time of writing.

2.2.14 The guidance states that *'residential development within Manchester should aim to offer true modal choice, prioritising walking and cycling in the first instance as a key component in developing sustainable neighbourhoods and healthy communities.*'

2.2.15 It goes on to state that the sustainable development of Manchester depends on reducing dependence on the car, suggesting that residential development should consider the manner in which they encourage access to the wider public transport network.

2.2.16 In relation to parking, the guidance states that '*there is no one size fits all approach to car parking and it should be considered on a site by site basis*.' It also goes on to note that car parking demand will be influenced by the availability of public transport.

2.2.17 Whilst the guideline parking provision for city centre apartment sites is identified at 30-40%, it is stated that reduced on-site provision may be justified on the basis of cycle parking provision in excess of 50% of apartments, and identification of sufficient off-site capacity within a 5-minute walk.

2.2.18 The guidance promotes residential development in sustainable locations, such as the application site, where the excellent accessibility to public transport will result in a low demand for parking.

3 EXISTING SITE USE

3.1 The Site

3.1.1 The application site is located to the east of Manchester City Centre, immediately adjacent to Piccadilly Rail Station. The site is bound by Whitworth Street to the north, Whitworth Street/London Road to the east, Fairfield Street to the south and Minshull Street South to the west.

3.1.2 The existing site is a Grade II* Listed Building which has been largely unused since 1986, despite various development proposals. Prior to this the site primarily operated as a fire station with additional services also being housed in the building including a police station, an ambulance station, a bank, a gas-meter testing station and a coroner's court. **Figure 3.1** identifies the previous layout of the building.

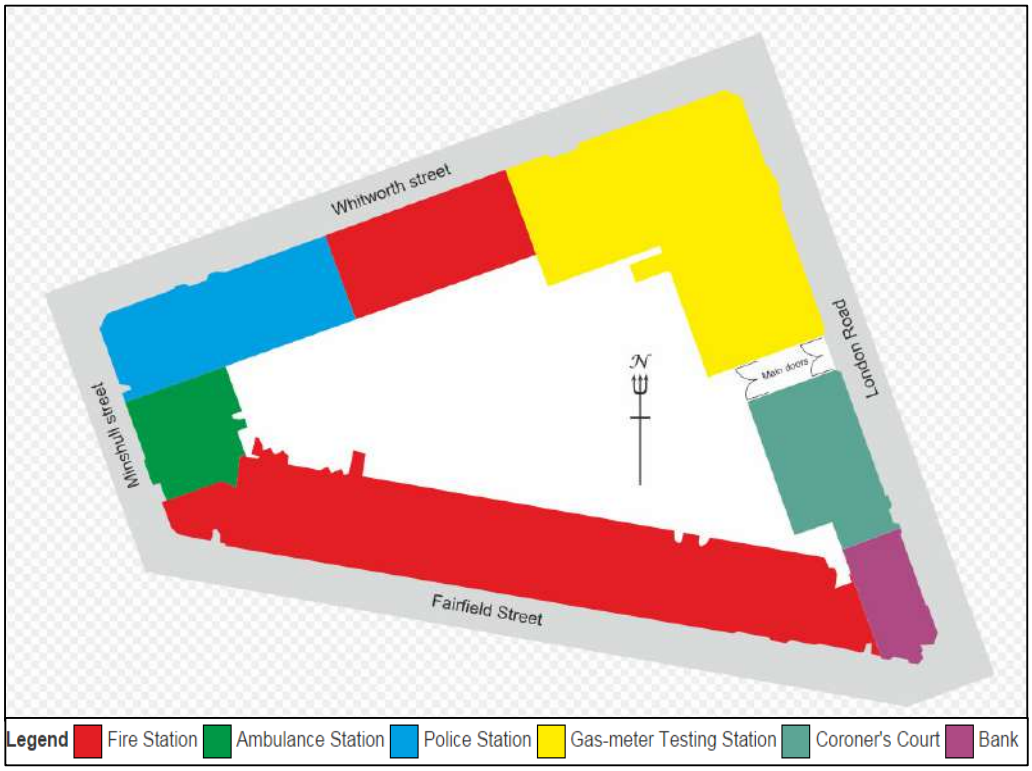


Figure 3.1: Previous Site Layout ***(Source: London Road Fire Station Conservation Plan)***

3.1.3 As can be seen from **Figure 3.1,** the application site is roughly triangular shaped with an internal courtyard. A westerly facing view of the courtyard is presented in **Figure 3.2**.



Figure 3.2 – Existing Courtyard (Source: London Road Fire Station Conservation Plan)

3.2 Vehicular Accesses

3.2.1 With the site having a previous use as a station for the emergency services, there are a number of gated vehicular access points around the perimeter of the site. The access on London Road was used as the main vehicular access for the previous use of the site and can be identified in **Figure 3.3**.

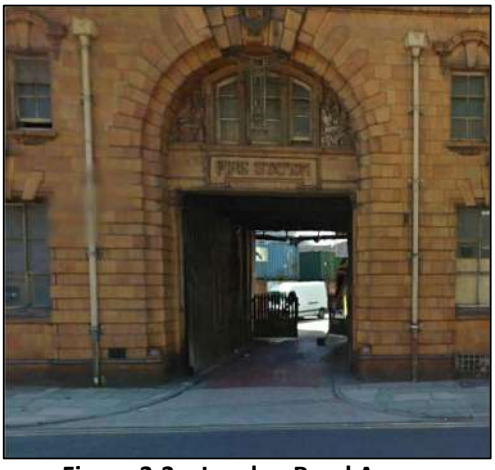


Figure 3.3 – London Road Access

3.2.2 Additional access points are located on all other roads bordering the site. The majority of these are provided along Fairfield Street which is where the majority of the fire station element of the building was located. There are seven access points located here and they can be identified in **Figure 3.4**.



Figure 3.4 – Fairfield Street Access Points

3.2.3 The accesses on Minshull Street South and Whitworth Street are presented in **Figure 3.5** and **Figure 3.6** below:



Figure 3.5 – Minshull Street South Access



Figure 3.6 – Whitworth Street Access

4 LOCAL TRANSPORT CONDITIONS

4.1 Surrounding Highway Network

4.1.1 The layout of the local highway surrounding London Road Fire Station is shown in **Dwg VN60607-D114A**. This plan also shows the existing traffic regulation orders in place on the surrounding roads.

A6 London Road

4.1.2 London Road borders the site to the east and runs in a general north/south alignment past the site. The road provides two lanes for southbound traffic, whilst northbound there is a bus lane and a standard traffic lane which becomes Whitworth Street.

4.1.3 To the south of the junction with Fairfield Street, London Road accommodates two-way traffic and passes under the Mancunian Way and into Ardwick and Longsight. To the north of the site London Road continues into the centre of Manchester, eventually reaching Piccadilly Gardens.

4.1.4 London Road is a principal bus route with seven services operating along it. Around 80 metres north of the site a signalised junction with yellow box junction markings is provided for where Metrolink services cross London Road.

4.1.5 In the immediate vicinity of the site at the London Road/Fairfield Street junction, there are signalised crossing facilities with dropped kerbs and tactile paving. This crossing is the main pedestrian link to the site from Piccadilly Station. Another signalised crossing is provided approximately 70 metres north of this. **Figure 4.1** provides a view of London Road looking towards the junction with Fairfield Street.



Figure 4.1 - A6 London Road looking towards junction with Fairfield St

Whitworth Street

4.1.6 Whitworth Street borders the site to the north. It has a lane for general traffic and a dedicated bus lane and operates a one-way system, providing two lanes for westbound traffic. The road leads into Aytoun Street which eventually links with Portland Street.

4.1.7 Whitworth Street is another principal bus route with a number of services leading into Manchester City Centre. It has a bus lane to the east of the site with a bus stop being located on Whitworth Street to the north of the site. This is an alight only stop. On-street pay and display parking is also located on Whitworth Street to the north of the site where seven spaces are provided. The layout of Whitworth Street looking west is shown in **Figure 4.2**.

4.1.8 There are signalised pedestrian crossings at three locations along Whitworth Street and London Road in the vicinity of the site. The first is located at the Fairfield Street junction with an additional one located around 70 metres north of this. The third crossing is to the north of the site, where Whitworth Street turns and heads westward.



Figure 4.2 - Whitworth St (Looking West)

Fairfield Street

4.1.9 Fairfield Street runs in an east/west alignment past the south of the site and is a principal route into the city centre from East Manchester. It links with Whitworth Street approximately 100 metres to the west of the site which leads towards Oxford Road Station. To the east of the site it links with Ashton Old Road which passes through Ardwick, Openshaw and Ashton.

4.1.10 In the immediate vicinity of the site, Fairfield Street has three lanes, two of which are for eastbound traffic. There is an off-road cycle lane which runs along the southern edge of the road for journeys towards the city centre.

4.1.11 The general layout of Fairfield Street is shown in **Figure 4.3**.



Figure 4.3 - Fairfield Street (Looking East)

4.1.12 As outlined, Fairfield Street has a large signalised junction at the Fairfield Street/London Road and Whitworth Street junction. Yellow box junction markings are located here and there are signalised pedestrian crossings on all arms of the junction. An advanced stop line for cyclists heading eastwards is also provided at this junction, immediately to the south of the site.

4.1.13 At the London Road / Fairfield Street junction, the right turn movement from London Road south into Fairfield Street is currently a banned movement. This results in traffic wishing to travel from south to east at the junction having to drive straight ahead at the and then do a loop around the London Road Fire Station via Minshull Street South before returning to the junction on the Fairfield Street west approach, and then going straight on heading east. This situation creates additional vehicle movements at the junction and adds traffic to the roads around London Road Fire Station.

4.1.14 Three bus services operate along Fairfield Street, with bus stops being provided around 100 metres east of the site. Approximately 50 metres on from this, access to Piccadilly Station taxi rank and drop off area is afforded from Fairfield Street.

4.1.15 On Fairfield Street, the traffic orders permit loading adjacent to London Road Fire Station at any time expect during the traditional AM and PM peak hours as shown in **Figure 4.4**.



Figure 4.4 Loading Permitted Traffic Orders on Fairfield Street

Minshull Street

4.1.16 Minshull Street South is a lightly trafficked road which borders the site to the west. It is a one-way street which can only be accessed from Whitworth Street to the north of the site. The road crosses Fairfield Street to the south providing a link to the commercial properties in this area.

4.1.17 Four on-street parking spaces are located along the western side of Minshull Street South in the immediate vicinity of the site, as shown in **Figure 4.5**, with further spaces being provided along the section of the road across Fairfield Street.



Figure 4.5 - Minshull Street South (Looking South)

4.2 Existing Public Realm Audit

4.2.1 An audit of the existing public realm in the vicinity of the site, including street furniture and highways equipment was undertaken as part of the site's previous planning application, with the results are presented in **Dwg 3336-003.**

4.2.2 This highlights the relatively cluttered nature of the public realm in the vicinity of the site, with numerous features in the footway, including bins, sign posts, a telephone box and traffic signalling equipment housing.

4.3 Public Car Parking

4.3.1 There is considerable provision of public car parking in the surrounding area. The closest car park to the site is Piccadilly Place which is located immediately to the north of the site on Whitworth Street, just 30m away, and provides approximately 600 spaces. Further car parks are available at Piccadilly Station, Store Street, Travis Street and Aytoun Street. Taking into account all of these car parks, there are over 2,000 parking spaces available within a short walk of the site.

4.3.2 On street parking in the immediate area is provided on Whitworth Street, Minshull Street South and along the side streets adjacent to Fairfield Street where approximately 50 on-street parking bays are provided. These spaces fall within Manchester CPZ Zone 2 and the maximum stay is 2 hours. The charges are as follows:

- up to 30 minutes - £1.45
- up to 1 hour - £2.90
- up to 1 hour 30 minutes - £4.30
- up to 2 hours - £5.80

4.4 Pedestrian Facilities

4.4.1 The site is within comfortable walking distance of Manchester City Centre, and as such is accessible on foot to a wide range of facilities, employment opportunities, transport interchanges and other amenities**.** It is adjacent to Piccadilly Rail Station, approximately 500m from Piccadilly Gardens and within 1 kilometre of both Market Street and St Peter's Square.

4.4.2 Pedestrian infrastructure in the vicinity of the site is good with all roads having footways on both sides of the carriageway. Furthermore, all of the traffic signals in the area benefit from pedestrian crossing facilities with dropped kerbs and tactile paving. **Plan VN60607-G102** presents an 800m, 1km and 2km pedestrian catchment of the site.

4.5 Metroshuttle

4.5.1 The Metroshuttle bus services cover most of the city centre and provide convenient access to major activity centres in the city.

4.5.2 Metroshuttle buses are highly branded and are instantly recognisable. High quality stops are provided along the service routes with clear branded images on bus stop plates.

4.5.3 All three Metroshuttle services commence and terminate their journey at the bus stops at Piccadilly Rail Station which are situated approximately a 300 metre walk from the site. A summary of each route is provided below:

- Route 1 (**Pink Route**) – Piccadilly, King St, Market St, Deansgate, Quay St, New York St.
- Route 2 (**Blue Route**) – Piccadilly, Church St, Corporation St, Deansgate, Whitworth St.
- Route 3 (**Green Route**) – Piccadilly, Portland St, Oxford St, Deansgate, Shudehill, Dale St.

4.5.4 Metroshuttle is free of charge, runs on an 8 to 10-minute frequency and has been promoted in a unique joint venture by Manchester City Council, National Car Parks (NCP), Greater Manchester Passenger Transport Executive (GMPTE) and Allied London Properties Ltd.

4.5.5 Route 2 and Route 3 service now operates until midnight Monday to Saturday, meaning passengers can be safe in the knowledge that the free bus will be able to pick-up/drop off at a range of locations around the city centre and the city centre's major transport interchanges.

4.5.6 Route 2 provides a morning link between Victoria and Spinningfields. Route 1 has been extended to serve Salford Central Station in the AM/PM peak and, on Saturday, the Museum of Science and Industry and Castlefield.

4.5.7 It is also noted that the revamped service has maintained a ten-minute service frequency (12 minutes on Sunday).

4.6 Access by Bus

4.6.1 The location of the site within Manchester City Centre means that it benefits from the many bus services that originate and terminate in the city. Whilst 400 m is regarded as ideally the maximum walk distance to bus stops, where there are high frequency services it is not appropriate to be prescriptive in respect of this distance, and notably Piccadilly Gardens Bus Station lies just over 400m walk from the site, opening up the use of this bus station for regular bus travel to and from the site.

4.6.2 Piccadilly Gardens Bus Station provides access to key local destinations to the south of the Greater Manchester conurbation such as East and West Didsbury, Sale, Altrincham, Stockport, Manchester Airport and Woodford.

4.6.3 Notwithstanding this, there are numerous services operating within 400m of the site, including along London Road and Whitworth Street. These provide a frequent connection to a number of destinations including Stockport, Denton and Levenshulme, as well as various locations within Manchester City Centre.

4.6.4 Additional services operate along Fairfield Street and provide connections to alternative destinations such as Ashton-Under-Lyne and Stalybridge. All of these services are reachable within 400 metres of the site and as such it is considered that the site is highly accessible by this mode of travel.

4.6.5 An extract of the Manchester City Centre transport map is presented in **Figure 4.6** which identifies the location of all nearby stops.

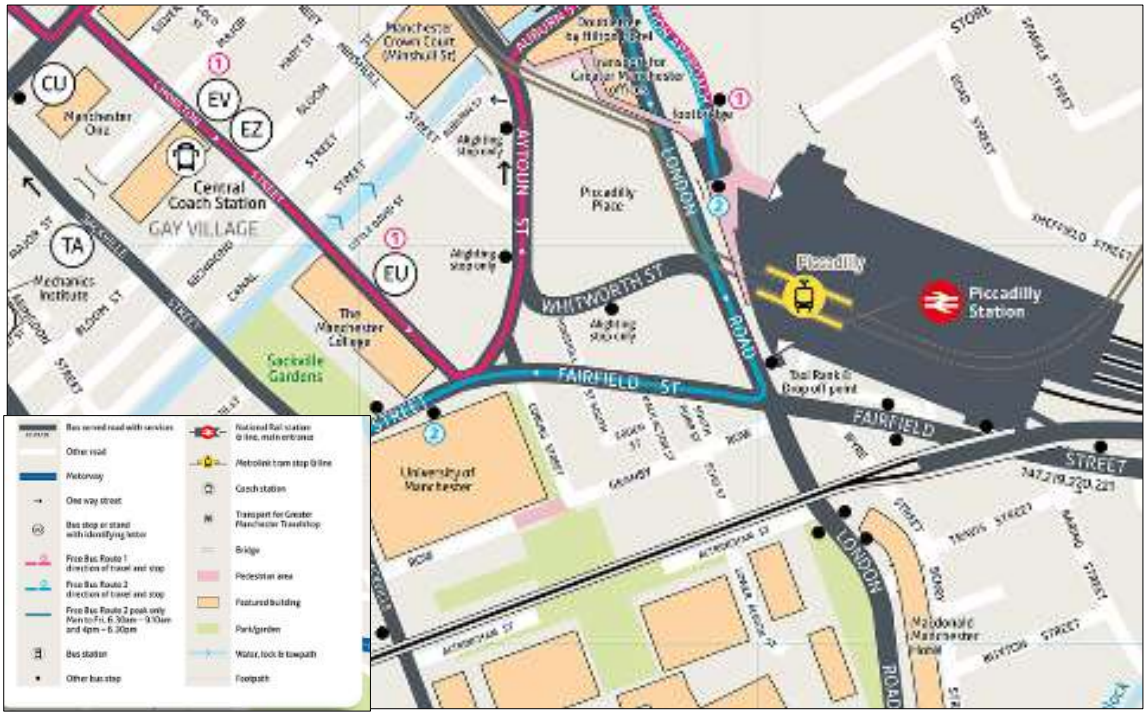


Figure 4.6: Extract of the Manchester City Centre Transport Map

4.6.6 A list of bus services that operate from the bus stops closest to the site on London Road and Fairfield Street is provided in **Table 4.1**. These are high frequency services that, combined offer bus connections every few minutes.

Service	Route	Daytime Frequency
London Road		
192	Manchester – Levenshulme – Hazel Grove	At least every 10 mins
201	Hattersley – Hyde – Denton - Manchester	At least every 10 mins
203	Manchester – Belle Vue – Reddish - Stockport	At least every 10 mins
204, 205, 206, 207	Gee Cross – Hyde - Denton – West Gorton - Manchester	Every 15 mins
Fairfield St		
219	Stalybridge – Ashton – Openshaw - Manchester	At least every 10 mins
220, 221	Manchester – Dukinfield – Stalybridge	Morning and Evening peak

Table 4.1 Bus Services Operating from London Road and Fairfield Street Stops

4.7 Metrolink

4.7.1 The existing Metrolink services currently cover a broad area of Manchester and its outlying residential districts. The extent of the Metrolink network is presented in **Figure 4.7**.

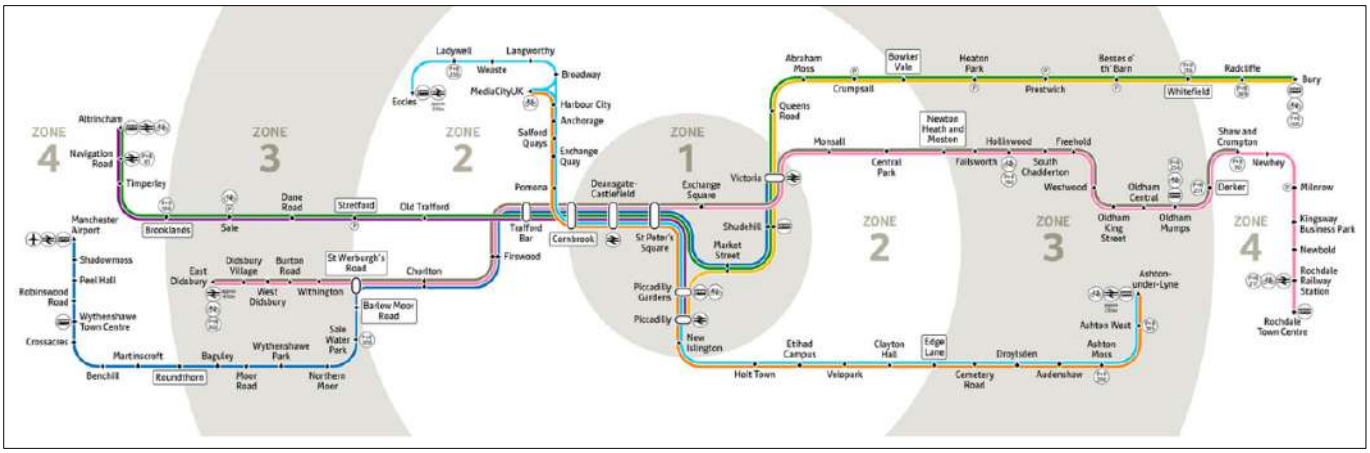


Figure 4.7 – TfGM Metrolink Service Map

4.7.2 Piccadilly is the closest Metrolink stop to the site and is accessible within a circa. 100m (2-minute) walk. With the extensive network that the Metrolink covers, it is considered that it will offer an excellent transport option for visitors to the proposed site.

4.8 Rail

4.8.1 The proposed development is conveniently located to access Piccadilly Rail Station being just a 2-minute walk from the site. Piccadilly Station is the principal railway station in Manchester and provides a wide range of services including both intercity routes to destinations such as London and Birmingham along with destinations in the north of England such as Liverpool and Leeds.

4.8.2 The station also provides good links to the local areas within Greater Manchester including Stockport, Wigan and Bolton.

4.9 Cycling Facilities

4.9.1 MCC has developed strategic cycle routes throughout the City Centre in order to encourage cycling. There is cycle parking close to the site at Piccadilly Station where 43 spaces are provided. There are also 8 cycle stands provided on Aytoun Street adjacent to the site.

4.9.2 **Figure 4.8** and **Plan VN60607-G103** present the cycle infrastructure which lies within the immediate vicinity of the site and a 5km catchment. As can be seen from this plan, an off road cycle route is provided along Fairfield Street which runs past the site and also along London Road to the south of the site. A toucan crossing is also located at the Fairfield Street/London Road junction.

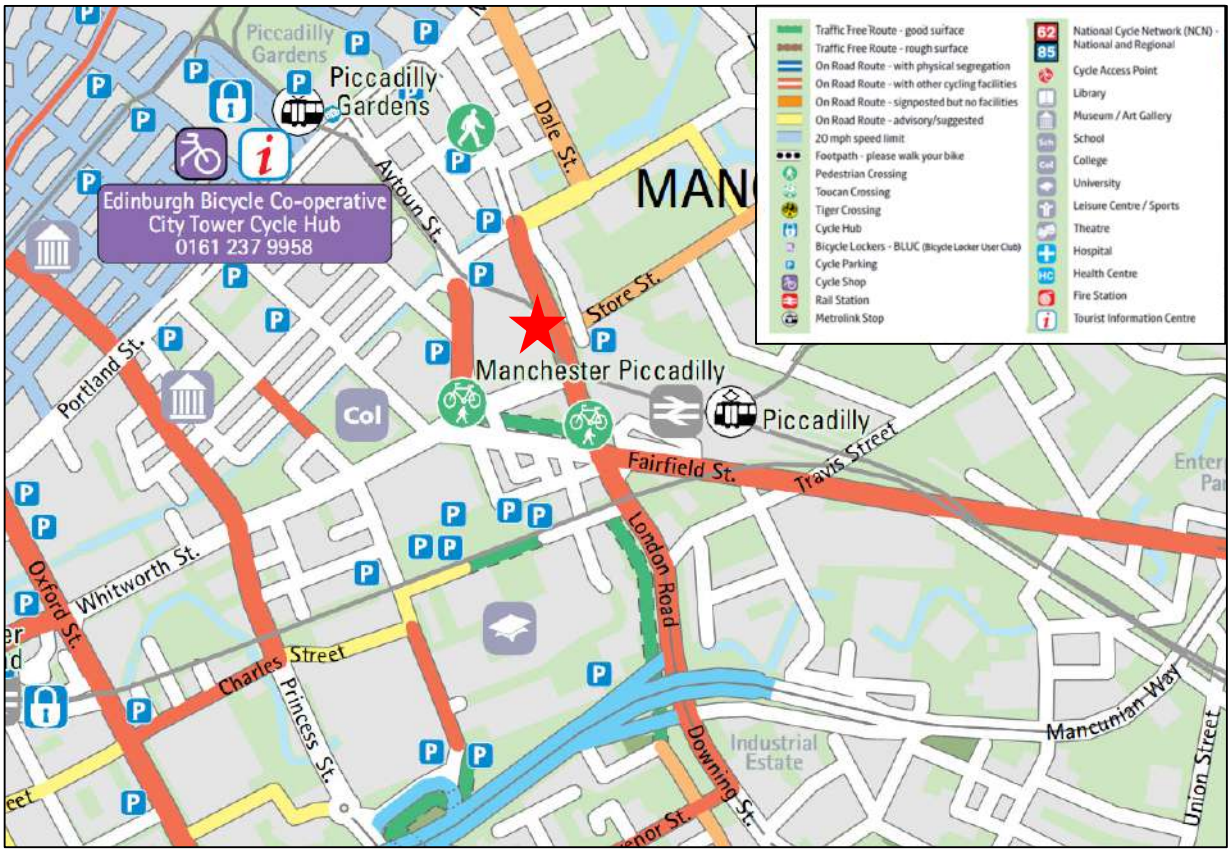


Figure 4.8 - Cycle Infrastructure Close to the Site

4.10 Existing Traffic Conditions

4.10.1 As part of the Transport Statement that accompanied the previously submitted application for London Road Fire Station, observations of traffic and pedestrian movements along Whitworth Street adjacent to the site were undertaken during the peak hour period 08:00-09:00.

4.10.2 This section of road permits one-way traffic in the westbound direction. These observations have provided an insight into the general levels of vehicle and pedestrian movement in this area. The observations recorded 61 vehicles entering the Piccadilly Place Car Park and 3 vehicles leaving in the morning peak hour.

4.10.3 Bus movements were frequent, with buses passing every one to two minutes. Overall, 33 buses were recorded along this section of Whitworth Street, with 56 pedestrians alighting from buses at the Whitworth Street bus stop during the peak hour period.

4.10.4 The observations revealed that the on-street parking bays adjacent to the London Road Fire Station along Whitworth Street were under-utilised, with just four of the seven bays being used during the hour period. The layby adjacent to the Motel One Hotel was used more frequently, with nine vehicles recorded using it. The number of vehicles recorded travelling along Minshull Street South was 38.

4.10.5 Overall, the observations have revealed that the section of Whitworth Street adjacent to the London Road Fire Station is relatively lightly trafficked. Vehicles tend to travel through in waves, due to the traffic signals at the upstream Fairfield Street / London Road junction. There was occasional queueing observed resulting from the signalised pedestrian crossing at the western end of Whitworth Street however this never extended back as far as the Piccadilly Place Car Park entrance.

4.10.6 The on-street car parking bays were observed to be under-utilised with only occasional use of the parking bays.

5 DEVELOPMENT PROPOSALS

5.1 Built Proposals

5.1.1 The development proposals seek to invest in the historic and existing London Road Fire Station building, and in parallel introduce wide ranging new uses and amenities to create an efficient operation for a long-term mixed-use development.

5.1.2 The scheme will be of the highest quality and aims to reinvent the building for future use. The proposed mix of uses for the site are flexible to some degree at this stage, however the area schedule and floor plans are provided in **Dwg 240242-PUR-FS-ZZ-DR-A-7001**, with an extract also provided below.

Basement

Coroner's Court (Sui generis)	178 m²
Hotel (C1)	340 m²
Landlord Areas	157 m²
Screening Room (B1, A3, A4, D2, C1)	266 m²
Unit A (A1, A3, A4)	694 m²
Unit E (A1, A3, A4)	74 m²
Unit F (A1, A3, A4, D2)	141 m²
Grand total: 94	1851 m²

First Floor

Hotel (C1)	463 m²
Landlord Areas	79 m²
Unit D (B1, A3, A4, D2, C1)	185 m²
Workspace (B1)	1353 m²
Workspace (B1, D1)	374 m²
Workspace External (B1)	256 m²
Workspace External (B1, D1)	17 m²
Grand total: 90	2727 m²

Ground Floor

Coroner's Court (Sui generis)	119 m²
Courtyard (A1, A3, A4, D2)	33 m²
Courtyard External (A1, A3, A4, D2)	1728 m²
Hotel (C1)	216 m²
Landlord Areas	107 m²
Unit A (A1, A3, A4)	606 m²
Unit D (B1, A3, A4, D2, C1)	393 m²
Unit E (A1, A3, A4)	168 m²
Unit F (A1, A3, A4, D2)	358 m²
Unit G (A1, A3, A4)	210 m²
Unit H (A1, A3, A4)	71 m²
Grand total: 77	4010 m²

Second Floor

Hotel (C1)	616 m²
Landlord Areas	72 m²
Live & Work (B1, C3)	783 m²
Live & Work External (B1, C3)	107 m²
Unit K (B1, A3, A4)	300 m²
Workspace (B1)	572 m²
Workspace External (B1)	197 m²
Grand total: 98	2646 m²

Third Floor

Hotel (C1)	598 m²
Landlord Areas	127 m²
Live & Work (B1, C3)	827 m²
Live & Work External (B1, C3)	85 m²
Unit L (B1, A3, A4)	149 m²
Workspace (B1)	576 m²
Workspace External (B1)	69 m²
Grand total: 92	2430 m²

5.2 Public Realm

5.2.1 A key aim of the development is to improve the public realm around the site to allow the building to be viewed within a quality setting. To do that it is proposed that the surrounding street furniture, signage and highway infrastructure be decluttered where possible. The audit presented in Section 4 highlights the existing infrastructure.

5.2.2 Historic discussions have taken place with MCC and Urban Traffic Control officers at TfGM, establishing the potential to relocate their associated equipment away from this area which would assist in decluttering. Having decluttered where possible it is proposed that the footways around the building be re-surfaced. It is considered appropriate that such work is undertaken as part of a planning condition.

5.3 Car Parking

5.3.1 Given the significant importance of the building and courtyard in regard to heritage, a main principal of the design development was to keep the courtyard clear of vehicle movements. Therefore there will be no car parking provided on site. It is expected that the majority of trips to and from the site will be made by modes other than the private car. As described in Section 4, the site is located in a highly accessible location for rail, tram, bus, cycling and walking, the provision of no car parking is therefore wholly acceptable.

5.3.2 The site also benefits from on-street pay and display bays offering 2-hour parking, public parking in Piccadilly Place Car Park which is also the location for 2 x Enterprise Car Club Cars. In addition, the site benefits from excellent taxi provision being located opposite the taxi rank at Piccadilly Station.

5.3.3 This strategy is considered entirely appropriate for this city centre location and accords with Policy T2 of the Manchester City Council Core Strategy, which states that new development within the City Centre, should provide '*a level of car parking which reflects the highly accessible nature of the location, as well as the realistic requirements of the users of the development*.'

5.3.4 The following chapter of this report will outline the likely requirements of the users of the development and this will further support the justification for not providing car parking on site.

5.4 Drop-off and Loading

5.4.1 The proposal seeks to create a hotel drop-off on Whitworth Street and a loading bay on Minshull Street South. A plan of the proposed changes to the highway is shown in **Dwg VN60607-D111C**. The hotel drop-off will be necessary to facilitate convenient space adjacent to the entrance for hotel guests to be dropped off and collected.

5.4.2 The loading bay will provide convenient space for service vehicles to utilise, for example for servicing vehicles to wait whilst deliveries are being made to the various elements of the site. Vehicles will be able to enter and exit the loading bay in forward gear.

5.4.3 This will result in the loss of two Pay & Display parking bays leaving 8 pay and display bays remaining around the site. The MCC Parking Officer Diane Murphy has previously been consulted on this with the earlier planning application and has calculated that the loss of 2 pay and display parking bays would incur a commuted sum cost of £29,000 to cover the lost revenue from those bays over 10 years.

5.5 Cycle Parking

5.5.1 The cycle parking provision for London Road Fire Station is to provide a total of 22 cycle spaces as below.

i) 5no. cycle stands (10 bikes) on Whitworth Street.
ii) 3no. cycle stands (6 bikes) on Fairfield Street.
iii) 3no. cycle stands (6 bikes) within Courtyard.

5.5.2 The Hotel concierge will offer a cycle hire facility with a minimum of two bikes available to guests and other users at the Fire Station.

5.5.3 In addition, there are also 8 cycle stands provided on Aytoun Street and adjacent to the site and 24 cycle stands opposite the site at Piccadilly Station.

5.5.4 As described later in Section 6 the demand for cycle parking from the development is forecast to be in the order of 31 arrivals per day, suggesting that the cycle spaces provided will be sufficient in accommodating anticipated demand.

5.6 Deliveries & Waste Management

5.6.1 Large delivery and refuse collections for the occupiers of London Road Fire Station would be made from a proposed new loading bay on Minshull Street South.

5.6.2 It is also expected that servicing, particularly for the Engine Room F&B unit could be made from Fairfield Street outside of morning peak traffic periods (weekdays 8am-10am).

5.6.3 Any disturbance from delivery/waste collection activity would be considered through the management strategy. No vehicles are expected to need to reverse so there would be no reversing beeps.

5.6.4 The forecast of waste and service vehicle activity is described in the following section.

6 TRIP FORECASTS

6.1 Overview

6.1.1 The location of the London Road Fire Station in the centre of Manchester and a short walk from Piccadilly Rail Station will ensure that the majority of journeys to and from the various elements of the redeveloped site will be made by non-car modes.

6.1.2 In this analysis we have taken the key land uses on the site and forecast the expected travel demands using the TRICS trip rate database. The full TRICS reports are provided in the following Appendices:

- Hotels - **Appendix A**;
- Apartments - **Appendix B**;
- Restaurants - **Appendix C**;
- Offices - **Appendix D**;
- Retail - **Appendix E**; and
- Screening Room – **Appendix F**.

6.2 Taxi & Car Drop-offs & Cycle Trip Forecasts

6.2.1 Using the aforementioned TRICS data we have summarised the traffic forecasts for the level of taxi and drop-off activity that may occur on the surrounding highway but principally at the hotel drop-off on Whitworth Street.

6.2.2 This is shown in **Table 6.1** overleaf. It can be seen that the development is expected to generate up to 30 taxi arrivals in a day. As taxi drop-offs/pickups only take a few minutes this volume of activity will not result in issues of congestion on the highway.

6.2.3 **Table 6.1** also shows the level of cycle trips and this shows that over the course of the day we might expect up to 31 arrivals by bicycle. Taking into account the taxi and car drop-off activity and cycle trips, the proposed taxi drop-off bay and cycle parking facilities are entirely appropriate for the development.

Table 6.1 London Road Fire Station - Taxi and Cycle Use

Taxi Apartments			Taxi Restaurants			Taxi Offices			Taxi Hotel			Taxi Cinema			Taxi Retail		
15			1287 sq.m			3414 sq.m			42 beds			54 seats			1055 sq.m		
Time Range	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**
00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0
01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0
02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0
03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0
04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0
06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0
07:00-08:00	0.1	0.1	07:00-08:00	0.0	0.0	07:00-08:00	0.1	0.1	07:00-08:00	0.1	0.1	07:00-08:00	0.0	0.0	07:00-08:00	0.1	0.1
08:00-09:00	0.0	0.0	08:00-09:00	0.0	0.0	08:00-09:00	0.3	0.3	08:00-09:00	0.1	0.2	08:00-09:00	0.0	0.0	08:00-09:00	0.3	0.3
09:00-10:00	0.0	0.0	09:00-10:00	0.0	0.0	09:00-10:00	0.3	0.3	09:00-10:00	0.3	0.3	09:00-10:00	0.0	0.0	09:00-10:00	0.0	0.0
10:00-11:00	0.0	0.0	10:00-11:00	0.0	0.0	10:00-11:00	0.2	0.2	10:00-11:00	0.1	0.1	10:00-11:00	0.0	0.0	10:00-11:00	0.3	0.1
11:00-12:00	0.1	0.1	11:00-12:00	0.5	0.0	11:00-12:00	0.2	0.2	11:00-12:00	0.3	0.3	11:00-12:00	0.0	0.0	11:00-12:00	0.3	0.4
12:00-13:00	0.0	0.0	12:00-13:00	1.5	2.0	12:00-13:00	0.2	0.2	12:00-13:00	0.1	0.1	12:00-13:00	0.0	0.0	12:00-13:00	0.5	0.5
13:00-14:00	0.1	0.1	13:00-14:00	0.0	0.0	13:00-14:00	0.1	0.1	13:00-14:00	0.1	0.1	13:00-14:00	0.0	0.0	13:00-14:00	0.4	0.1
14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.0	14:00-15:00	0.2	0.2	14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.0	14:00-15:00	0.1	0.5
15:00-16:00	0.0	0.0	15:00-16:00	1.5	1.5	15:00-16:00	0.1	0.1	15:00-16:00	0.1	0.1	15:00-16:00	0.1	0.1	15:00-16:00	0.5	0.1
16:00-17:00	0.1	0.1	16:00-17:00	0.5	0.0	16:00-17:00	0.1	0.1	16:00-17:00	0.1	0.1	16:00-17:00	0.0	0.1	16:00-17:00	0.3	0.4
17:00-18:00	0.1	0.1	17:00-18:00	1.5	2.0	17:00-18:00	0.2	0.2	17:00-18:00	0.3	0.3	17:00-18:00	0.0	0.0	17:00-18:00	0.1	0.1
18:00-19:00	0.1	0.1	18:00-19:00	2.9	2.9	18:00-19:00	0.0	0.0	18:00-19:00	0.3	0.3	18:00-19:00	0.1	0.1	18:00-19:00	0.1	0.3
19:00-20:00	0.1	0.1	19:00-20:00	2.4	2.4	19:00-20:00	0.0	0.0	19:00-20:00	0.4	0.5	19:00-20:00	0.1	0.1	19:00-20:00	0.0	0.0
20:00-21:00	0.2	0.2	20:00-21:00	4.4	3.9	20:00-21:00	0.0	0.0	20:00-21:00	0.1	0.1	20:00-21:00	0.1	0.1	20:00-21:00	0.2	0.2
21:00-22:00	0.0	0.0	21:00-22:00	2.0	2.0	21:00-22:00	0.0	0.0	21:00-22:00	0.1	0.1	21:00-22:00	0.1	0.1	21:00-22:00	0.4	0.0
22:00-23:00	0.0	0.0	22:00-23:00	2.9	3.4	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.1	0.1	22:00-23:00	0.0	0.0
23:00-24:00	0.0	0.0	23:00-24:00	1.0	1.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.1	0.1	23:00-24:00	0.0	0.0
Daily Trip Rates	**0.9**	**0.9**	**Daily Trip Rates**	**21.0**	**21.0**	**Daily Trip Rates**	**2.1**	**2.1**	**Daily Trip Rates**	**2.5**	**2.6**	**Daily Trip Rates**	**0.4**	**0.4**	**Daily Trip Rates**	**3.6**	**3.1**

Taxi Total		
Time Range	**ARR**	**DEP**
00:00-01:00	0.0	0.0
01:00-02:00	0.0	0.0
02:00-03:00	0.0	0.0
03:00-04:00	0.0	0.0
04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0
06:00-07:00	0.0	0.0
07:00-08:00	0.4	0.4
08:00-09:00	0.7	0.8
09:00-10:00	0.6	0.6
10:00-11:00	0.6	0.5
11:00-12:00	1.3	0.9
12:00-13:00	2.3	2.8
13:00-14:00	0.7	0.5
14:00-15:00	0.4	0.7
15:00-16:00	2.2	1.9
16:00-17:00	1.0	0.7
17:00-18:00	2.1	2.6
18:00-19:00	3.5	3.6
19:00-20:00	3.0	3.1
20:00-21:00	5.0	4.5
21:00-22:00	2.6	2.1
22:00-23:00	3.0	3.5
23:00-24:00	1.0	1.0
Daily Trip Rates	**30.5**	**30.2**

Cycle Apartments			Cycle Restaurants			Cycle Offices			Cycle Hotel			Cycle Cinema			Cycle Retail		
Time Range	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**	**Time Range**	**ARR**	**DEP**
00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0
01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0
02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0
03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0
04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0
06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	1.8	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0
07:00-08:00	0.1	0.2	07:00-08:00	0.0	0.0	07:00-08:00	0.4	0.1	07:00-08:00	0.5	0.1	07:00-08:00	0.0	0.0	07:00-08:00	0.8	0.5
08:00-09:00	0.1	0.2	08:00-09:00	0.0	0.0	08:00-09:00	1.6	0.0	08:00-09:00	0.2	0.0	08:00-09:00	0.0	0.0	08:00-09:00	1.4	1.4
09:00-10:00	0.1	0.1	09:00-10:00	0.0	0.0	09:00-10:00	0.7	0.0	09:00-10:00	0.0	0.0	09:00-10:00	0.0	0.0	09:00-10:00	1.1	0.8
10:00-11:00	0.1	0.1	10:00-11:00	0.0	0.0	10:00-11:00	0.2	0.1	10:00-11:00	0.0	0.1	10:00-11:00	0.0	0.0	10:00-11:00	1.0	1.0
11:00-12:00	0.1	0.0	11:00-12:00	1.0	0.0	11:00-12:00	0.1	0.1	11:00-12:00	0.0	0.0	11:00-12:00	0.0	0.0	11:00-12:00	0.5	0.4
12:00-13:00	0.0	0.1	12:00-13:00	0.0	0.0	12:00-13:00	0.2	0.3	12:00-13:00	0.0	0.1	12:00-13:00	0.0	0.0	12:00-13:00	0.5	0.6
13:00-14:00	0.1	0.0	13:00-14:00	0.0	0.0	13:00-14:00	0.2	0.1	13:00-14:00	0.0	0.1	13:00-14:00	0.0	0.0	13:00-14:00	0.9	0.9
14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.5	14:00-15:00	0.0	0.1	14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.0	14:00-15:00	1.3	1.4
15:00-16:00	0.0	0.0	15:00-16:00	0.5	0.0	15:00-16:00	0.2	0.3	15:00-16:00	0.0	0.1	15:00-16:00	0.1	0.0	15:00-16:00	2.4	2.0
16:00-17:00	0.0	0.0	16:00-17:00	0.0	0.0	16:00-17:00	0.1	0.5	16:00-17:00	0.1	0.2	16:00-17:00	0.0	0.0	16:00-17:00	1.8	1.8
17:00-18:00	0.1	0.0	17:00-18:00	2.0	0.0	17:00-18:00	0.0	1.4	17:00-18:00	0.1	0.1	17:00-18:00	0.0	0.1	17:00-18:00	0.6	1.3
18:00-19:00	0.1	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.1	0.4	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	2.5	2.0
19:00-20:00	0.1	0.2	19:00-20:00	0.0	1.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	2.4	2.2
20:00-21:00	0.2	0.0	20:00-21:00	0.5	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.4	1.1
21:00-22:00	0.0	0.0	21:00-22:00	0.0	1.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	1.9	1.3
22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.5	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0
23:00-24:00	0.0	0.0	23:00-24:00	0.0	1.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0
Daily Trip Rates	**1.0**	**0.9**	**Daily Trip Rates**	**3.9**	**3.9**	**Daily Trip Rates**	**3.8**	**3.6**	**Daily Trip Rates**	**2.6**	**0.8**	**Daily Trip Rates**	**0.1**	**0.1**	**Daily Trip Rates**	**19.6**	**18.6**

Cycle Total		
Time Range	**ARR**	**DEP**
00:00-01:00	0.0	0.0
01:00-02:00	0.0	0.0
02:00-03:00	0.0	0.0
03:00-04:00	0.0	0.0
04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0
06:00-07:00	1.8	0.0
07:00-08:00	1.7	0.8
08:00-09:00	3.2	1.6
09:00-10:00	1.9	0.9
10:00-11:00	1.3	1.3
11:00-12:00	1.6	0.5
12:00-13:00	0.8	1.1
13:00-14:00	1.2	1.2
14:00-15:00	1.3	2.0
15:00-16:00	3.2	2.5
16:00-17:00	2.0	2.6
17:00-18:00	2.8	2.8
18:00-19:00	2.7	2.5
19:00-20:00	2.4	3.3
20:00-21:00	1.1	1.1
21:00-22:00	1.9	2.3
22:00-23:00	0.0	0.5
23:00-24:00	0.0	1.0
Daily Trip Rates	**30.9**	**27.8**

6.3 Service and Waste Collection Forecasts

6.3.1 The level of service vehicle activity at the loading bay on Minshull Street South has been forecast by reference to the TRICS database and presented in the Appendices referenced above. The service activity is classified into Other Goods Vehicles (OGVs) and Light Goods Vehicles (LGVs). OGVs includes vehicles that have double rear wheels and these can include what may appear to be a van and includes large rigid delivery vehicles or refuse lorries. LGVs are in general terms light vans making short delivery drop-offs.

6.3.2 **Table 6.2** presents a summary of the forecast OGV and LGV vehicle trips derived from the TRICS data. However this exercise does not account for coordination of deliveries. This coordination would occur naturally as for example the post delivery is made once to the building (Multiple Drops) whereas the TRICS data assumes that this occurs for each land use.

6.3.3 Secondly the Facilities Management Team on site will be able to actively coordinate the delivery and refuse collections. For example they would specify one refuse collection company to collect the waste and also coordinate the food and beverage deliveries for the various outlets on site. From a study of deliveries along Regent Road, London, the potential for multiple drops and coordination of deliveries can result in a one third reduction in vehicle activity.

6.3.4 This adjustment has been calculated and presented in **Table 6.2** and this shows that we expect 8 to 9 deliveries by larger OGV vehicles and around 30 to 40 deliveries by vans. Most deliveries take less than 5 minutes. Larger vehicles tend to take longer at around 20 minutes. Occasionally there may be some vehicles that take longer than 20 minutes.

6.3.5 As part of the Service Strategy it is proposed to schedule regular deliveries so that they do not occur at the same time. It is expected that the larger deliveries such as refuse collections and drinks deliveries would be timed to occur early in the morning. The Facilities Management Team will be able to coordinate this and this will help manage the level of activity at the Minshull Street loading bay.

Table 6.2 London Road Fire Station - Servicing Activity

OGVs Hotel			OGVs Apartments			OGVs Restaurants			OGVs Offices			OGVs Cinema			OGVs Retail			Unadjusted Delivery Forecasts Based on Individual Land Uses: OGVs Unadjusted Total			Adjusted Delivery Forecasts for Multiple Drops & Coordination: OGVs Adjusted Total		
42 beds			15			1287 sqm			3411 sqm			54 Seats			1055 sqm								
Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP
00:00-01:00			00:00-01:00			00:00-01:00	0.0	0.0	00:00-01:00			00:00-01:00	0.0	0.0	00:00-01:00			00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0
01:00-02:00			01:00-02:00			01:00-02:00			01:00-02:00			01:00-02:00	0.0	0.0	01:00-02:00			01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0
02:00-03:00			02:00-03:00			02:00-03:00			02:00-03:00			02:00-03:00	0.0	0.0	02:00-03:00			02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0
03:00-04:00			03:00-04:00			03:00-04:00			03:00-04:00			03:00-04:00	0.0	0.0	03:00-04:00			03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0
04:00-05:00			04:00-05:00			04:00-05:00			04:00-05:00			04:00-05:00	0.0	0.0	04:00-05:00			04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0	05:00-06:00			05:00-06:00			05:00-06:00			05:00-06:00	0.0	0.0	05:00-06:00			05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0
06:00-07:00	1.8	1.8	06:00-07:00			06:00-07:00			06:00-07:00			06:00-07:00	0.0	0.0	06:00-07:00			06:00-07:00	1.8	1.8	06:00-07:00	1.2	1.2
07:00-08:00	0.1	0.1	07:00-08:00	0.0	0.1	07:00-08:00	0.0	0.0	07:00-08:00	0.1	0.0	07:00-08:00	0.0	0.0	07:00-08:00	0.0	0.0	07:00-08:00	0.3	0.3	07:00-08:00	0.2	0.2
08:00-09:00	0.2	0.2	08:00-09:00	0.0	0.0	08:00-09:00	0.0	0.0	08:00-09:00	0.1	0.1	08:00-09:00	0.0	0.0	08:00-09:00	0.0	0.0	08:00-09:00	0.4	0.3	08:00-09:00	0.2	0.2
09:00-10:00	0.2	0.2	09:00-10:00	0.0	0.0	09:00-10:00	0.0	0.0	09:00-10:00	0.0	0.1	09:00-10:00	0.0	0.0	09:00-10:00	0.1	0.1	09:00-10:00	0.4	0.4	09:00-10:00	0.2	0.3
10:00-11:00	0.1	0.1	10:00-11:00	0.0	0.0	10:00-11:00	1.3	1.3	10:00-11:00	0.0	0.0	10:00-11:00	0.0	0.0	10:00-11:00	0.0	0.0	10:00-11:00	1.5	1.5	10:00-11:00	1.0	1.0
11:00-12:00	0.0	0.1	11:00-12:00	0.0	0.0	11:00-12:00	0.0	0.0	11:00-12:00	0.0	0.0	11:00-12:00	0.0	0.0	11:00-12:00	0.0	0.0	11:00-12:00	0.1	0.2	11:00-12:00	0.1	0.1
12:00-13:00	0.2	0.2	12:00-13:00	0.0	0.0	12:00-13:00	0.0	0.0	12:00-13:00	0.0	0.0	12:00-13:00	0.0	0.0	12:00-13:00	0.1	0.1	12:00-13:00	0.4	0.4	12:00-13:00	0.2	0.2
13:00-14:00	0.1	0.1	13:00-14:00	0.0	0.0	13:00-14:00	0.0	0.0	13:00-14:00	0.0	0.0	13:00-14:00	0.0	0.0	13:00-14:00	0.0	0.0	13:00-14:00	0.2	0.2	13:00-14:00	0.1	0.1
14:00-15:00	0.2	0.1	14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.0	14:00-15:00	0.1	0.0	14:00-15:00	0.0	0.0	14:00-15:00	0.0	0.0	14:00-15:00	0.4	0.2	14:00-15:00	0.2	0.1
15:00-16:00	0.1	0.1	15:00-16:00	0.0	0.0	15:00-16:00	0.0	0.0	15:00-16:00	0.1	0.1	15:00-16:00	0.0	0.0	15:00-16:00	0.0	0.0	15:00-16:00	0.3	0.2	15:00-16:00	0.2	0.1
16:00-17:00	0.0	0.0	16:00-17:00	0.0	0.0	16:00-17:00	1.0	1.0	16:00-17:00	0.0	0.0	16:00-17:00	0.0	0.0	16:00-17:00	0.0	0.0	16:00-17:00	1.0	1.1	16:00-17:00	0.7	0.7
17:00-18:00	0.0	0.1	17:00-18:00	0.0	0.0	17:00-18:00	0.0	0.0	17:00-18:00	0.0	0.0	17:00-18:00	0.0	0.0	17:00-18:00	0.0	0.0	17:00-18:00	0.1	0.1	17:00-18:00	0.0	0.1
18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0	18:00-19:00	0.0	0.0
19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.0
20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0
21:00-22:00	0.0	0.0	21:00-22:00			21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0	21:00-22:00	0.0	0.0
22:00-23:00			22:00-23:00			22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0
23:00-24:00			23:00-24:00			23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0
Daily Trip Rates:	**3.1**	**3.1**	**Daily Trip Rates:**	**0.2**	**0.3**	**Daily Trip Rates:**	**2.3**	**2.3**	**Daily Trip Rates:**	**0.5**	**0.5**	**Daily Trip Rates:**	**0.1**	**0.1**	**Daily Trip Rates:**	**0.4**	**0.4**	**Daily Trip Rates:**	**6.6**	**6.6**	**Daily Trip Rates:**	**4.4**	**4.4**

LGVs Hotel			LGVs Apartments			LGVs Restaurants			LGVs Offices			LGVs Cinema			LGVs Retail			LGVs Unadjusted Total			LGVs Adjusted Total		
42 beds			15			1287 sqm			3411 sqm			54 Seats			1055 sqm								
Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP	Time Range	ARR	DEP
00:00-01:00			00:00-01:00			00:00-01:00	0.0	0.0	00:00-01:00			00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0	00:00-01:00	0.0	0.0
01:00-02:00			01:00-02:00			01:00-02:00			01:00-02:00			01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0	01:00-02:00	0.0	0.0
02:00-03:00			02:00-03:00			02:00-03:00			02:00-03:00			02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0	02:00-03:00	0.0	0.0
03:00-04:00			03:00-04:00			03:00-04:00			03:00-04:00			03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0	03:00-04:00	0.0	0.0
04:00-05:00			04:00-05:00			04:00-05:00			04:00-05:00			04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0	04:00-05:00	0.0	0.0
05:00-06:00	0.0	0.0	05:00-06:00			05:00-06:00			05:00-06:00			05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0	05:00-06:00	0.0	0.0
06:00-07:00	0.0	0.0	06:00-07:00			06:00-07:00			06:00-07:00			06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0	06:00-07:00	0.0	0.0
07:00-08:00	0.2	0.2	07:00-08:00	0.0	0.1	07:00-08:00	0.0	0.0	07:00-08:00	0.4	0.3	07:00-08:00	0.0	0.0	07:00-08:00	0.2	0.2	07:00-08:00	0.9	0.9	07:00-08:00	0.6	0.6
08:00-09:00	0.1	0.3	08:00-09:00	0.1	0.0	08:00-09:00	0.0	0.0	08:00-09:00	0.8	0.8	08:00-09:00	0.0	0.0	08:00-09:00	0.2	0.2	08:00-09:00	1.2	1.4	08:00-09:00	0.8	0.9
09:00-10:00	0.2	0.0	09:00-10:00	0.1	0.1	09:00-10:00	0.0	0.0	09:00-10:00	0.5	0.6	09:00-10:00	0.0	0.0	09:00-10:00	0.2	0.2	09:00-10:00	1.0	0.8	09:00-10:00	0.6	0.5
10:00-11:00	0.4	0.3	10:00-11:00	0.1	0.1	10:00-11:00	5.1	5.1	10:00-11:00	0.4	0.4	10:00-11:00	0.1	0.1	10:00-11:00	0.3	0.2	10:00-11:00	6.4	6.2	10:00-11:00	4.2	4.1
11:00-12:00	0.3	0.4	11:00-12:00	0.1	0.1	11:00-12:00	2.4	2.9	11:00-12:00	0.5	0.6	11:00-12:00	0.0	0.0	11:00-12:00	0.2	0.2	11:00-12:00	3.7	4.3	11:00-12:00	2.4	2.9
12:00-13:00	0.2	0.3	12:00-13:00	0.2	0.1	12:00-13:00	1.0	1.5	12:00-13:00	0.5	0.5	12:00-13:00	0.1	0.0	12:00-13:00	0.3	0.2	12:00-13:00	2.3	2.6	12:00-13:00	1.5	1.7
13:00-14:00	0.2	0.2	13:00-14:00	0.2	0.2	13:00-14:00	1.5	2.0	13:00-14:00	0.3	0.2	13:00-14:00	0.1	0.1	13:00-14:00	0.2	0.2	13:00-14:00	2.4	2.8	13:00-14:00	1.6	1.8
14:00-15:00	0.3	0.1	14:00-15:00	0.1	0.1	14:00-15:00	1.0	1.0	14:00-15:00	0.4	0.4	14:00-15:00	0.1	0.0	14:00-15:00	0.2	0.2	14:00-15:00	2.1	1.9	14:00-15:00	1.4	1.2
15:00-16:00	0.3	0.4	15:00-16:00	0.1	0.1	15:00-16:00	1.0	1.0	15:00-16:00	0.4	0.4	15:00-16:00	0.0	0.0	15:00-16:00	0.2	0.2	15:00-16:00	2.1	2.1	15:00-16:00	1.4	1.4
16:00-17:00	0.2	0.3	16:00-17:00	0.2	0.2	16:00-17:00	1.5	0.5	16:00-17:00	0.5	0.6	16:00-17:00	0.0	0.0	16:00-17:00	0.2	0.2	16:00-17:00	2.6	1.8	16:00-17:00	1.7	1.2
17:00-18:00	0.1	0.1	17:00-18:00	0.0	0.0	17:00-18:00	1.5	0.5	17:00-18:00	0.4	0.4	17:00-18:00	0.0	0.0	17:00-18:00	0.1	0.1	17:00-18:00	2.2	1.2	17:00-18:00	1.4	0.8
18:00-19:00	0.2	0.1	18:00-19:00	0.0	0.0	18:00-19:00	0.5	1.5	18:00-19:00	0.1	0.2	18:00-19:00	0.0	0.0	18:00-19:00	0.2	0.2	18:00-19:00	1.0	1.9	18:00-19:00	0.7	1.3
19:00-20:00	0.0	0.1	19:00-20:00	0.0	0.0	19:00-20:00	0.0	0.5	19:00-20:00			19:00-20:00	0.1	0.0	19:00-20:00	0.2	0.2	19:00-20:00	0.3	0.8	19:00-20:00	0.2	0.5
20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.0	20:00-21:00	0.0	0.5	20:00-21:00			20:00-21:00	0.0	0.0	20:00-21:00	0.1	0.2	20:00-21:00	0.2	0.7	20:00-21:00	0.1	0.4
21:00-22:00	0.0	0.0	21:00-22:00			21:00-22:00	0.0	0.0	21:00-22:00			21:00-22:00	0.0	0.0	21:00-22:00	0.1	0.1	21:00-22:00	0.1	0.1	21:00-22:00	0.1	0.1
22:00-23:00	0.0	0.0	22:00-23:00			22:00-23:00	0.0	0.0	22:00-23:00			22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0	22:00-23:00	0.0	0.0
23:00-24:00			23:00-24:00			23:00-24:00	0.0	0.0	23:00-24:00			23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0	23:00-24:00	0.0	0.0
Daily Trip Rates:	**2.9**	**2.8**	**Daily Trip Rates:**	**1.1**	**1.2**	**Daily Trip Rates:**	**15.4**	**16.9**	**Daily Trip Rates:**	**5.5**	**5.3**	**Daily Trip Rates:**	**0.6**	**0.6**	**Daily Trip Rates:**	**2.8**	**2.8**	**Daily Trip Rates:**	**28.3**	**29.6**	**Daily Trip Rates:**	**18.7**	**19.6**

7 SUMMARY AND CONCLUSION

7.1 Summary

7.1.1 This Transport Statement has been prepared in support of the planning application by Allied London Fire Station Ltd for a variety of land uses at London Road Fire Station in Manchester. The proposed redevelopment scheme will be a quality mixed use development comprising hotel, office, restaurant, residential, retail and leisure land use

7.1.2 This Transport Statement has described the existing transport infrastructure noting the excellent accessibility of the site by modes other than the car while benefitting from being adjacent to a large multi-storey car park which provides two car club spaces.

7.1.3 The development will not provide any parking on site. It will create a drop-off facility at the hotel entrance and a loading bay on Minshull Street South. These will result in the loss of two on street pay and display parking bays and MCC parking officers have been consulted on this and they have calculated a commuted sum of £29,000 to cover the loss of revenue over 10 years.

7.1.4 A total of 22 Cycle parking spaces will be provided in a mix of locations, including within the courtyard of the development and on both Whitworth St and Fairfield St, as well as existing public provision. Based on the daily cycle trip profile outlined in the TRICS assessment, cycle parking provision is considered appropriate in meeting expected demand.

7.1.5 The development will also improve the quality of the public realm around the site by de-cluttering and resurfacing the footways around the site. As such, it is considered appropriate to undertake this work as part of a planning condition.

7.1.6 There is currently a ban for right turners from the A6 south into Fairfield Street at the traffic signals there. This results in additional traffic circulating around London Road Fire Station which may not need to do so.

7.1.7 Officers at TfGM/UTC are currently looking at the potential to re-introduce the right turn and if that can be achieved in a safe and efficient manner, catering for planned improvements on London Road then this would help reduce the traffic volumes in the area and improve the local environment.

7.1.8 While the development will not provide car parking on site, the level of trips to and from the site has been forecast. The level of service activity from Lower Minshull Street has also been forecast with 8 to 9 large deliveries and around 30 to 40 light goods deliveries per day.

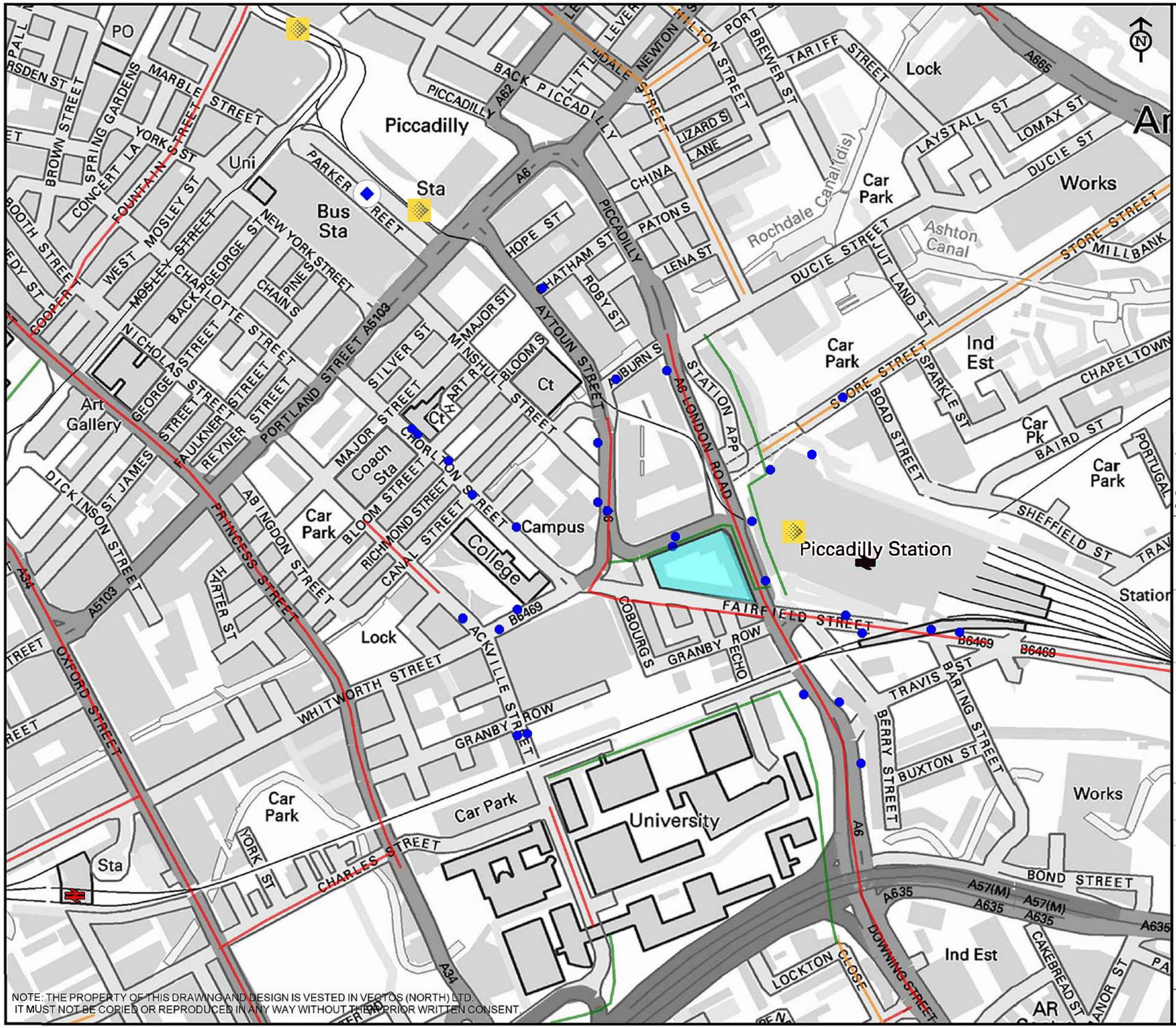
7.1.9 On-site Facilities Management Team would look to time regular deliveries that did not coincide and not create congestion internally or on street.

7.2 Conclusion

7.2.1 The above analysis shows that the London Road Fire Station proposals comply with National and Local transport planning policy and that the trip forecasts to the new land uses will be sensitive to the listed building status and the transport activity will be sustainable and efficient.

7.2.2 It is therefore concluded that the transport matters for the planning application for a mixed-use development at London Road Fire Station should be approved.

PLANS



Legend

- Site Location

Cycle Routes

- Signed Routes
- On Road with Cycle Lanes
- Off Road
- Canal Tow Path

Public Transport

- Metrolink
- National Rail
- Piccadilly Gardens Bus Terminus
- Bus Stops

This is not a construction drawing and is intended for illustrative purposes only.

Contains Ordnance Survey data © Crown copyright and database right 2016.

CLIENT:

Allied London Fire Station Ltd

PROJECT TITLE:

London Road
Firestation

DRAWING TITLE:

Site Location (Local Context) with Local Infarstructure

SCALE:

1:5,000 at A3

DRAWN:	CHECKED:	DATE:
PJ	ER	25.10.16

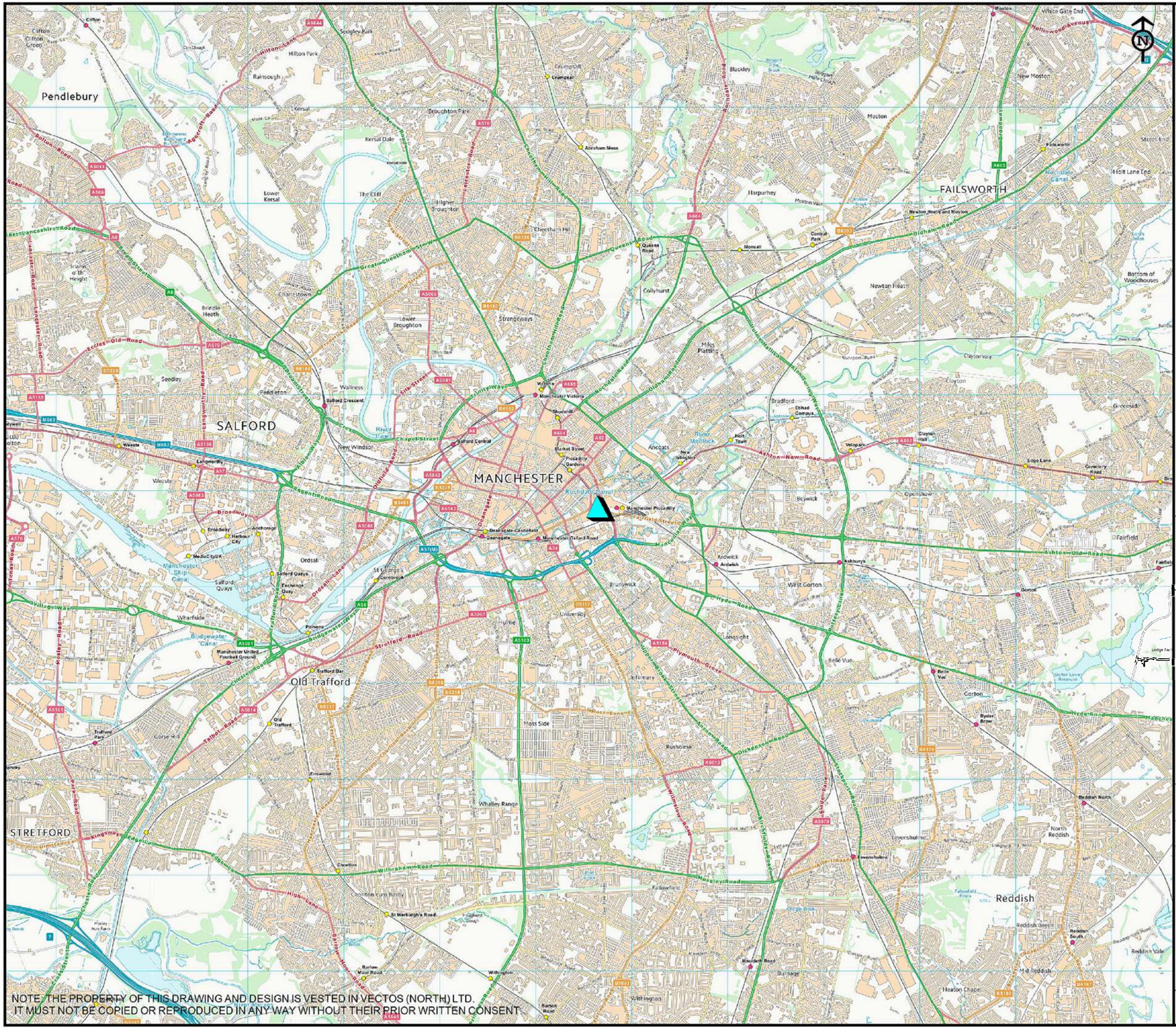
vectos
transport planning specialists

Oxford Place, 61 Oxford Street, Manchester M1 6EQ
t:0161 228 1008 e:manchester@vectos.co.uk

DRAWING NO: VN60607-G100

REVISION:

NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD.
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.



NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD.
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.

Legend

Site Location

This is not a construction drawing
and is intended for illustrative purposes only.

Contains Ordnance Survey data © Crown
copyright and database right 2016.

CLIENT:

Allied London Fire Station Ltd

PROJECT TITLE:

London Road
Firestation

DRAWING TITLE:

Site Location
(Wider Context)

SCALE:

1:50,000 at A3

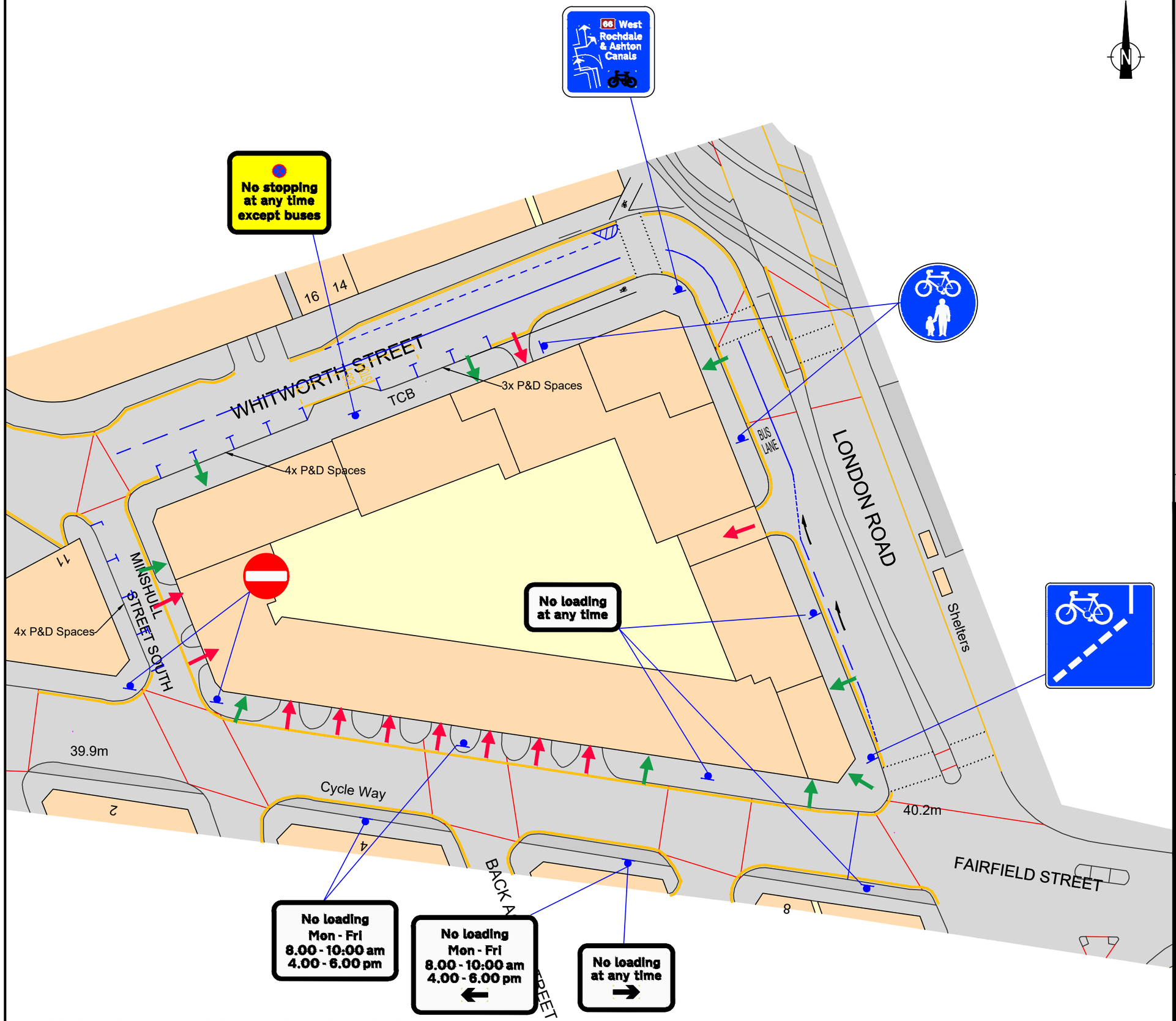
DRAWN:	CHECKED:	DATE:
PJ	ER	25.10.16

vectos
transport planning specialists

Oxford Place, 61 Oxford Street, Manchester M1 6EQ
t:0161 228 1008 e:manchester@vectos.co.uk

DRAWING NO: VN60607-G101

REVISION:



Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. White lining is indicative only.

Pedestrian Access

Vehicle Access

REV.	DETAILS	DRAWN	CHECKED	DATE
A	Amendments made to title block	WD	GD	05.12.19

CLIENT:

Allied London Fire Station Ltd

PROJECT:

London Road Fire Station, Manchester

DRAWING TITLE:

Existing Highway Layout and Access Points

SCALES:

N.T.S

DRAWN:	CHECKED:	DATE:
PJ	TR	30.03.17

vectos transport planning specialists

4th Floor Oxford Place, 61 Oxford Street, Manchester, M1 6EQ
0161 228 1008 e: manchester@vectos.co.uk

DRAWING NUMBER: VN60607-D114

REVISION: A

NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD.
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.



















Standard notes

1. Do not scale this drawing.
2. All dimensions must be checked on site and any discrepancies verified with the architect.
3. Unless shown otherwise, all dimensions are to structural surfaces.

This is not a construction drawing, it is unsuitable for the purpose of construction and must on no account be used as such.

Drawing notes

1. A
2. B
3. C
4. D

KEY

- Lamp Post
- Crossing Signal
- Crossing Control
- Road Sign
- Bus Stop
- Post
- Various

Revisions

REV	DATE	DESCRIPTION	INITIALS

London Road Fire Station

Preliminary

Date
07/22/16

Client
Allied London

Project address
London Road,
Manchester

Scale
1 : 250

Drawing
Public Realm Plan - Existing

Drawing number
3336 - 003

Author
BW

Checked
GH

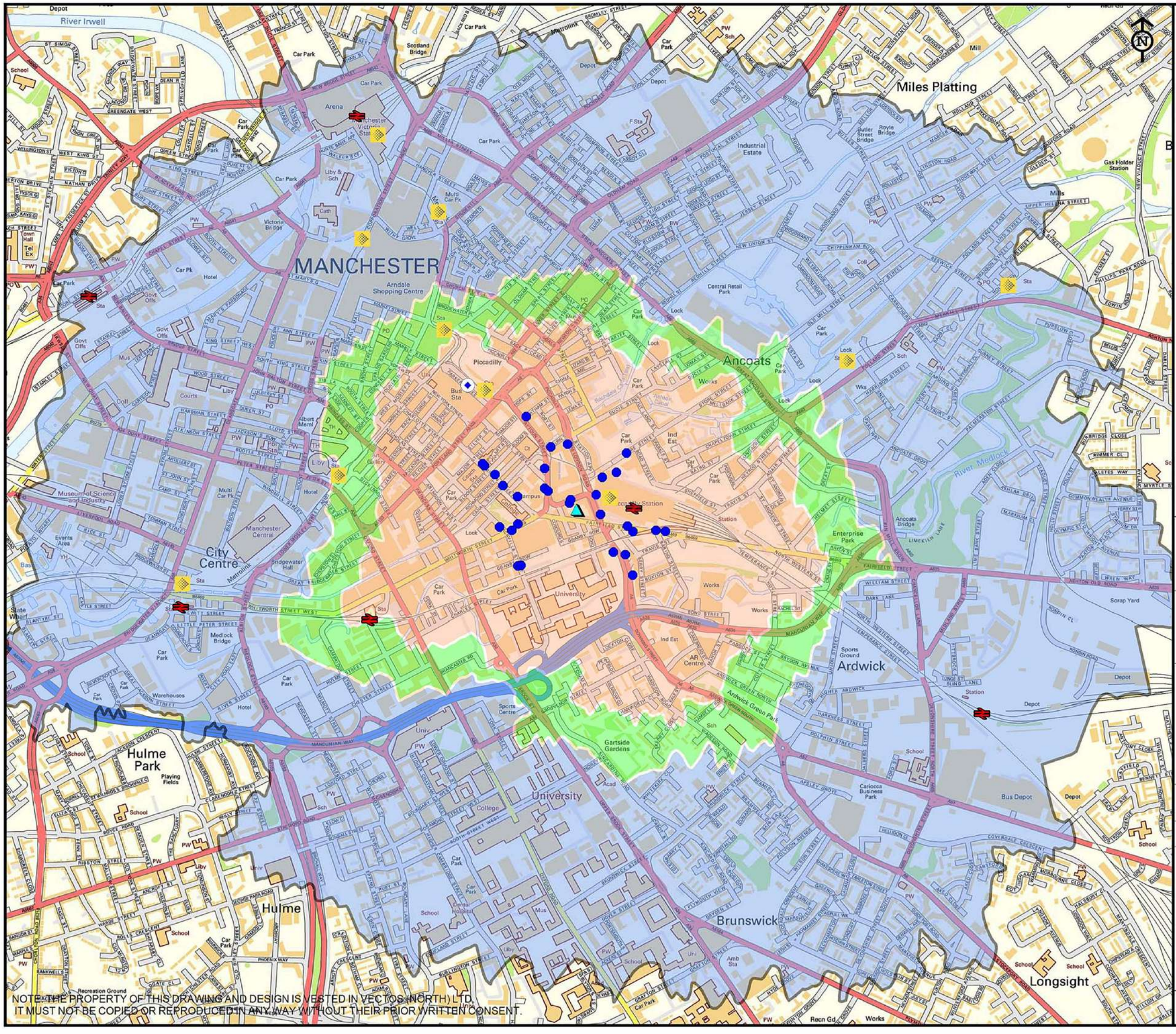
File location
C:\Revit Local\3336_London Rd Firestation_CENTRAL_gillian.harrison.rvt

Revision

Levitt Bernstein
levittbernstein.co.uk

London
1 Kingsland Passage
London E8 2BB
+44 (0)20 7275 7676

Manchester
3rd HQ Building
2 Atherton Street
Manchester M3 3GS
+44 (0)161 669 8740



NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD.
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.

Legend

- Site Location

Pedestrian Walking Catchments

- 800m
- 1km
- 2km

Public Transport

- Metrolink
- National Rail
- Bus Stops
- Piccadilly Gardens Bus Terminus

This is not a construction drawing and is intended for illustrative purposes only.

Contains Ordnance Survey data © Crown copyright and database right 2016.

CLIENT:

Allied London Fire Station Ltd

PROJECT TITLE:

London Road Firestation

DRAWING TITLE:

Pedestrian Walking Catchments with Public Transport Stops

SCALE: 1:15,000 at A3

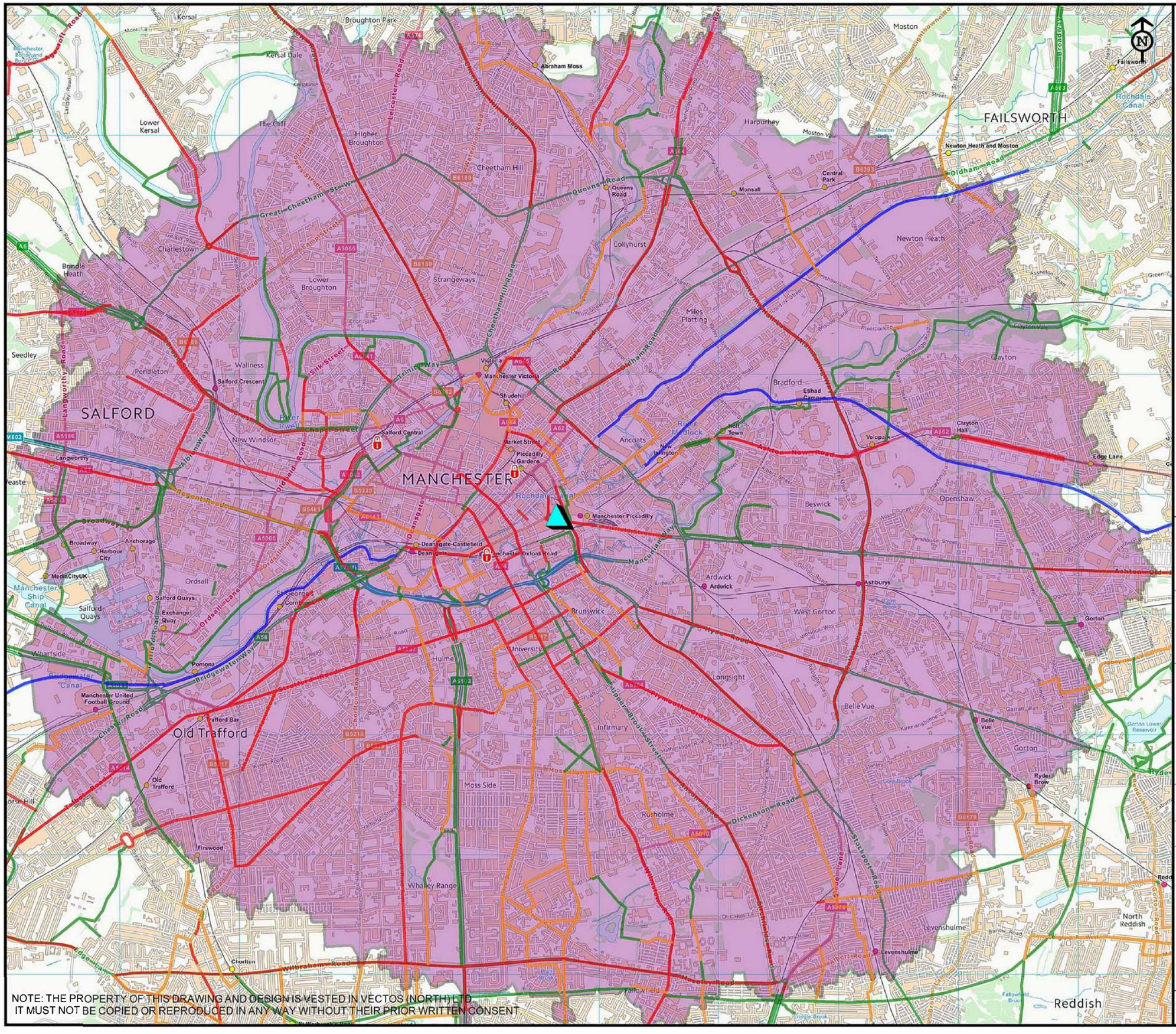
DRAWN:	CHECKED:	DATE:
PJ	ER	25.10.16

vectos
transport planning specialists

Oxford Place, 61 Oxford Street, Manchester M1 6EQ
t:0161 228 1008 e:manchester@vectos.co.uk

DRAWING NO: VN60607-G102

REVISION:



Legend

- SiteLocation

Cycle Routes

- Signed Routes
- On Road with Cycle Lanes
- Off Road
- Canal Tow Path

Cycle Catchment

- 5km
- Cycle Hubs

This is not a construction drawing and is intended for illustrative purposes only.

Contains Ordnance Survey data © Crown copyright and database right 2016.

CLIENT:

Allied London Fire Station Ltd

PROJECT TITLE:

London Road Firestation

DRAWING TITLE:

Cycle Catchment and Local Routes

SCALE:

1:40,000 at A3

DRAWN:	CHECKED:	DATE:
PJ	ER	25.10.16

vectos transport planning specialists

Oxford Place, 61 Oxford Street, Manchester M1 6EQ
t:0161 228 1008 e:manchester@vectos.co.uk

DRAWING NO: VN60607-G103

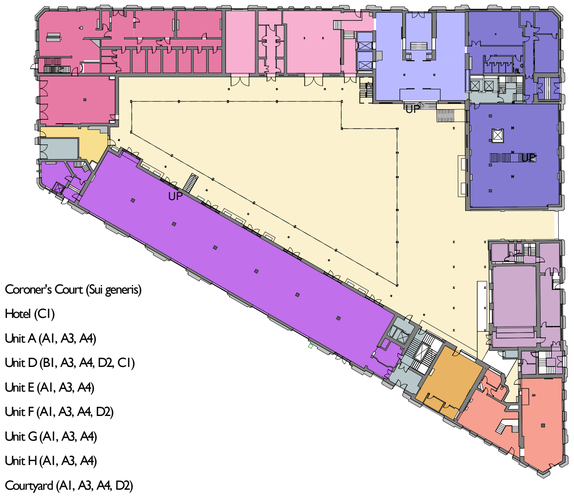
REVISION:

NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD. IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.



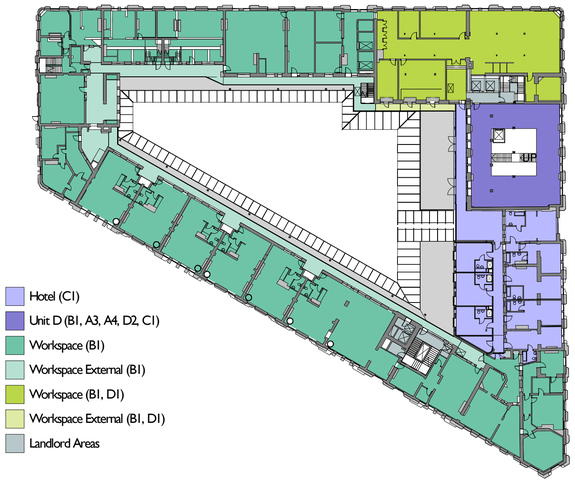
- Coroner's Court (Sui generis)
- Hotel (C1)
- Screening Room (B1, A3, A4, D2, C1)
- Unit A (A1, A3, A4)
- Unit E (A1, A3, A4)
- Unit F (A1, A3, A4, D2)
- Landlord Areas

2 / 7001 -01 Basement GA Acc
1 : 500



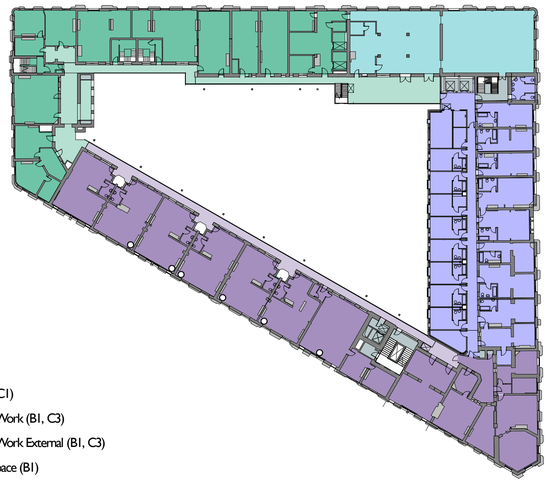
- Coroner's Court (Sui generis)
- Hotel (C1)
- Unit A (A1, A3, A4)
- Unit D (B1, A3, A4, D2, C1)
- Unit E (A1, A3, A4)
- Unit F (A1, A3, A4, D2)
- Unit G (A1, A3, A4)
- Unit H (A1, A3, A4)
- Courtyard (A1, A3, A4, D2)
- Courtyard External (A1, A3, A4, D2)
- Landlord Areas

1 / 7001 00 Ground Floor GA Acc
1 : 500



- Hotel (C1)
- Unit D (B1, A3, A4, D2, C1)
- Workspace (B1)
- Workspace External (B1)
- Workspace (B1, D1)
- Workspace External (B1, D1)
- Landlord Areas

4 / 7001 01 First Floor GA Acc
1 : 500



- Hotel (C1)
- Live & Work (B1, C3)
- Live & Work External (B1, C3)
- Workspace (B1)
- Workspace External (B1)
- Unit K (B1, A3, A4)
- Landlord Areas

3 / 7001 02 Second Floor GA Acc
1 : 500



- Hotel (C1)
- Live & Work (B1, C3)
- Live & Work External (B1, C3)
- Workspace (B1)
- Workspace External (B1)
- Unit L (B1, A3, A4)
- Landlord Areas

5 / 7001 Third Floor GA Acc
1 : 500

0 10m 20m 30m 40m 50m

Basement

Coroner's Court (Sui generis)	178 m²
Hotel (C1)	340 m²
Landlord Areas	157 m²
Screening Room (B1, A3, A4, D2, C1)	266 m²
Unit A (A1, A3, A4)	694 m²
Unit E (A1, A3, A4)	74 m²
Unit F (A1, A3, A4, D2)	141 m²
Grand total: 94	1851 m²

Ground Floor

Coroner's Court (Sui generis)	119 m²
Courtyard (A1, A3, A4, D2)	33 m²
Courtyard External (A1, A3, A4, D2)	1728 m²
Hotel (C1)	216 m²
Landlord Areas	107 m²
Unit A (A1, A3, A4)	606 m²
Unit D (B1, A3, A4, D2, C1)	393 m²
Unit E (A1, A3, A4)	168 m²
Unit F (A1, A3, A4, D2)	358 m²
Unit G (A1, A3, A4)	210 m²
Unit H (A1, A3, A4)	71 m²
Grand total: 77	4010 m²

First Floor

Hotel (C1)	463 m²
Landlord Areas	79 m²
Unit D (B1, A3, A4, D2, C1)	185 m²
Workspace (B1)	1353 m²
Workspace (B1, D1)	374 m²
Workspace External (B1)	256 m²
Workspace External (B1, D1)	17 m²
Grand total: 90	2727 m²

Second Floor

Hotel (C1)	616 m²
Landlord Areas	72 m²
Live & Work (B1, C3)	783 m²
Live & Work External (B1, C3)	107 m²
Unit K (B1, A3, A4)	300 m²
Workspace (B1)	572 m²
Workspace External (B1)	197 m²
Grand total: 98	2646 m²

Third Floor

Hotel (C1)	598 m²
Landlord Areas	127 m²
Live & Work (B1, C3)	827 m²
Live & Work External (B1, C3)	85 m²
Unit L (B1, A3, A4)	149 m²
Workspace (B1)	576 m²
Workspace External (B1)	69 m²
Grand total: 92	2430 m²

Notes:

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

Key Plan
not to scale

REV	DATE	DESCRIPTION
1	02/12/19	For planning
2	03/12/19	For Planning
3	06/12/19	For Planning

CLIENT
Allied London

PROJECT
London Road Fire Station

JOB NUMBER
240242

PURCELL

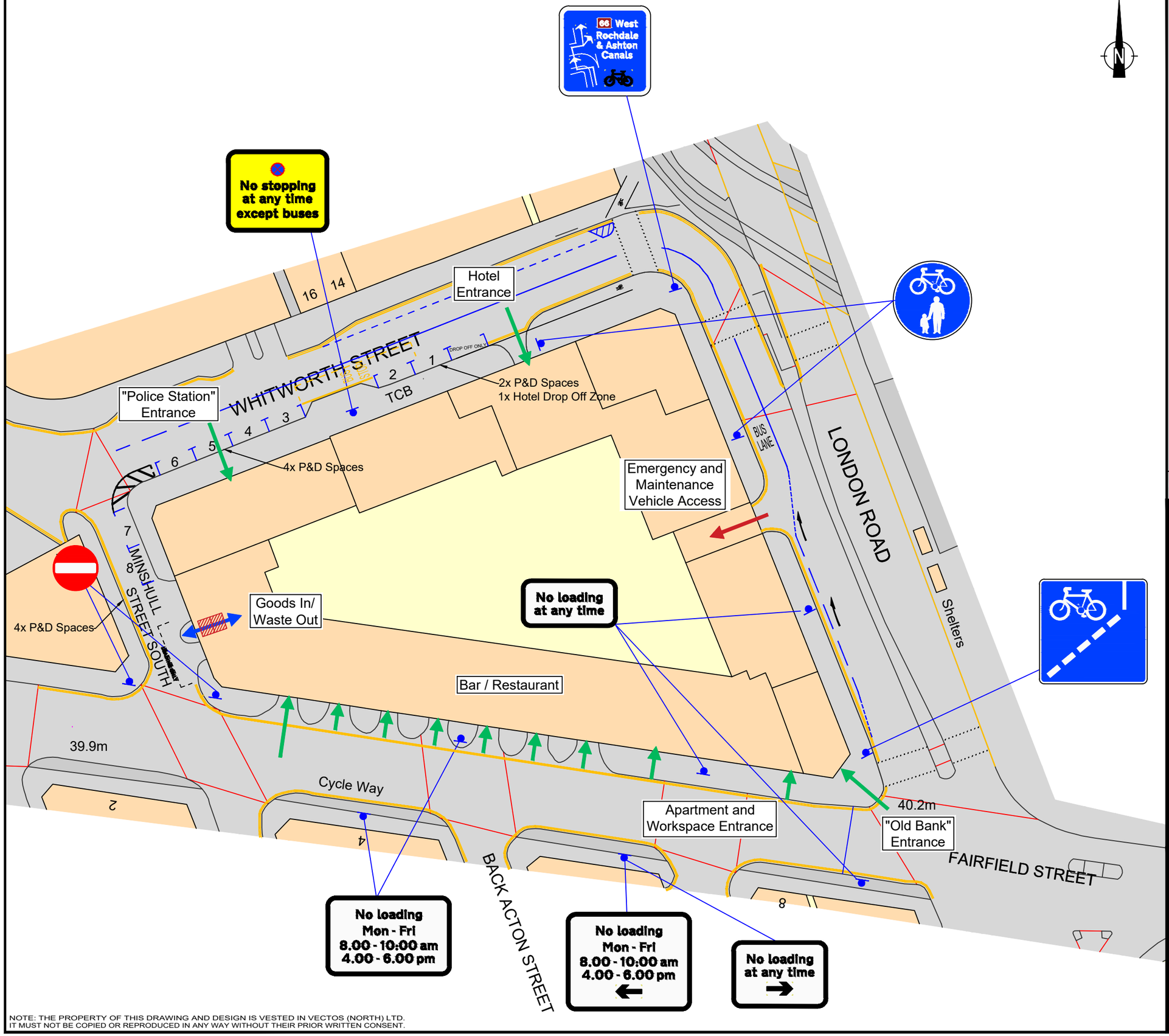
TITLE
Accomodation Schedule

SIZE	SCALE	LAST REVISED	DRAWN	CHECKED
A1L	1 : 500	06/12/2019 11:39:33	SA	

REV 3 **SUITABILITY/REASON FOR ISSUE** S2 FOR PLANNING

DRAWING NUMBER
240242-PUR-FS-ZZ-DR-A-7001

St James', 79 Oxford Street, Manchester, M1 6FQ
© PURCELL 2019. PURCELL ® IS THE TRADING NAME OF PURCELL ARCHITECTURE LTD.



Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. White lining is indicative only.

Pedestrian Access

Vehicle Access

REV.	DETAILS	DRAWN	CHECKED	DATE
C	AMENDMENTS MADE	WD	GD	05.12.19
B	AMENDMENTS MADE	HF	GD	20.04.17
A	AMENDMENTS MADE	TF	GD	14.02.17

CLIENT:

Allied London Fire Station Ltd

PROJECT:

London Road Fire Station, Manchester

DRAWING TITLE:

Proposed Road Layout

SCALES:

N.T.S

DRAWN:	CHECKED:	DATE:
PJ	TR	26.07.16

vectos transport planning specialists

4th Floor Oxford Place, 61 Oxford Street, Manchester, M1 6EQ
0161 228 1008 e: manchester@vectos.co.uk

DRAWING NUMBER: VN60607-D111

REVISION: C

NOTE: THE PROPERTY OF THIS DRAWING AND DESIGN IS VESTED IN VECTOS (NORTH) LTD.
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.

APPENDICES

APPENDIX A TRICS REPORT – HOTEL

Calculation Reference: AUDIT-715001-170215-0222

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK
Category : A - HOTELS
MULTI-MODAL VEHICLES

Selected regions and areas:

01	GREATER LONDON		
	GR	GREENWICH	1 days
03	SOUTH WEST		
	WL	WILTSHIRE	1 days
05	EAST MIDLANDS		
	NT	NOTTINGHAMSHIRE	1 days
09	NORTH		
	TV	TEES VALLEY	1 days
12	CONNAUGHT		
	CS	SLIGO	1 days
15	GREATER DUBLIN		
	DL	DUBLIN	1 days

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

Secondary 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: Number of bedrooms
Actual Range: 24 to 151 (units:)
Range Selected by User: 4 to 224 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 01/10/14

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

Selected survey days:

Monday	1 days
Wednesday	1 days
Thursday	3 days
Friday	1 days

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

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	2
Edge of Town Centre	3
Neighbourhood Centre (PPS6 Local Centre)	1

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

Selected Location Sub Categories:

Commercial Zone	1
Residential Zone	1
Built-Up Zone	3
No Sub Category	1

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.

Secondary Filtering selection:

Use Class:

C1	6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

5,001 to 10,000	1 days
15,001 to 20,000	2 days
25,001 to 50,000	2 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
250,001 to 500,000	1 days
500,001 or More	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	2 days

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

Travel Plan:

No	6 days

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

PTAL Rating:

No PTAL Present	5 days
4 Good	1 days

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

TRICS 7.3.4
Trip Rate Parameter: **Number of bedrooms** **91 Bedrooms**

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0.125	11.4	1	24	0.042	3.8	1	24	0.167	15.2
07:00-08:00	6	104	0.083	7.6	6	104	0.077	7.0	6	104	0.16	14.6
08:00-09:00	6	104	0.081	7.4	6	104	0.152	13.8	6	104	0.233	21.2
09:00-10:00	6	104	0.094	8.6	6	104	0.089	8.1	6	104	0.183	16.7
10:00-11:00	6	104	0.077	7.0	6	104	0.081	7.4	6	104	0.158	14.4
11:00-12:00	6	104	0.065	5.9	6	104	0.109	9.9	6	104	0.174	15.8
12:00-13:00	6	104	0.083	7.6	6	104	0.067	6.1	6	104	0.15	13.7
13:00-14:00	6	104	0.07	6.4	6	104	0.075	6.8	6	104	0.145	13.2
14:00-15:00	6	104	0.081	7.4	6	104	0.083	7.6	6	104	0.164	14.9
15:00-16:00	6	104	0.088	8.0	6	104	0.097	8.8	6	104	0.185	16.8
16:00-17:00	6	104	0.112	10.2	6	104	0.077	7.0	6	104	0.189	17.2
17:00-18:00	6	104	0.118	10.7	6	104	0.091	8.3	6	104	0.209	19.0
18:00-19:00	6	104	0.091	8.3	6	104	0.075	6.8	6	104	0.166	15.1
19:00-20:00	5	120	0.111	10.1	5	120	0.066	6.0	5	120	0.177	16.1
20:00-21:00	5	120	0.053	4.8	5	120	0.045	4.1	5	120	0.098	8.9
21:00-22:00	5	120	0.03	2.7	5	120	0.037	3.4	5	120	0.067	6.1
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			1.362	123.9			1.263	114.9			2.625	238.9

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
08:00-09:00	6	104	0.003	0.3	6	104	0.005	0.5	6	104	0.008	0.7
09:00-10:00	6	104	0.006	0.5	6	104	0.006	0.5	6	104	0.012	1.1
10:00-11:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
11:00-12:00	6	104	0.006	0.5	6	104	0.006	0.5	6	104	0.012	1.1
12:00-13:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
13:00-14:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
14:00-15:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
15:00-16:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
16:00-17:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
17:00-18:00	6	104	0.006	0.5	6	104	0.006	0.5	6	104	0.012	1.1
18:00-19:00	6	104	0.008	0.7	6	104	0.006	0.5	6	104	0.014	1.3
19:00-20:00	5	120	0.01	0.9	5	120	0.012	1.1	5	120	0.022	2.0
20:00-21:00	5	120	0.003	0.3	5	120	0.003	0.3	5	120	0.006	0.5
21:00-22:00	5	120	0.003	0.3	5	120	0.003	0.3	5	120	0.006	0.5
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.06	5.5			0.062	5.6			0.122	11.1

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0.042	3.8	1	24	0.042	3.8	1	24	0.084	7.6
07:00-08:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
08:00-09:00	6	104	0.005	0.5	6	104	0.005	0.5	6	104	0.01	0.9
09:00-10:00	6	104	0.005	0.5	6	104	0.005	0.5	6	104	0.01	0.9
10:00-11:00	6	104	0.003	0.3	6	104	0.002	0.2	6	104	0.005	0.5
11:00-12:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
12:00-13:00	6	104	0.005	0.5	6	104	0.005	0.5	6	104	0.01	0.9
13:00-14:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
14:00-15:00	6	104	0.005	0.5	6	104	0.003	0.3	6	104	0.008	0.7
15:00-16:00	6	104	0.003	0.3	6	104	0.002	0.2	6	104	0.005	0.5
16:00-17:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
17:00-18:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
18:00-19:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
19:00-20:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.073	6.6			0.073	6.6			0.146	13.3

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
08:00-09:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
09:00-10:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
10:00-11:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
11:00-12:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
12:00-13:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
13:00-14:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
14:00-15:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
15:00-16:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
16:00-17:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
17:00-18:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
18:00-19:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
19:00-20:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.009	0.8			0.009	0.8			0.018	1.6

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0.042	3.8	1	24	0	0.0	1	24	0.042	3.8
07:00-08:00	6	104	0.011	1.0	6	104	0.002	0.2	6	104	0.013	1.2
08:00-09:00	6	104	0.005	0.5	6	104	0	0.0	6	104	0.005	0.5
09:00-10:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
10:00-11:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
11:00-12:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
12:00-13:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
13:00-14:00	6	104	0	0.0	6	104	0.003	0.3	6	104	0.003	0.3
14:00-15:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
15:00-16:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
16:00-17:00	6	104	0.002	0.2	6	104	0.005	0.5	6	104	0.007	0.6
17:00-18:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
18:00-19:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
19:00-20:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.062	5.6			0.018	1.6			0.08	7.3

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: PEDESTRIANS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0.042	3.8	1	24	0	0.0	1	24	0.042	3.8
07:00-08:00	6	104	0.026	2.4	6	104	0.03	2.7	6	104	0.056	5.1
08:00-09:00	6	104	0.026	2.4	6	104	0.059	5.4	6	104	0.085	7.7
09:00-10:00	6	104	0.038	3.5	6	104	0.083	7.6	6	104	0.121	11.0
10:00-11:00	6	104	0.065	5.9	6	104	0.065	5.9	6	104	0.13	11.8
11:00-12:00	6	104	0.051	4.6	6	104	0.078	7.1	6	104	0.129	11.7
12:00-13:00	6	104	0.053	4.8	6	104	0.046	4.2	6	104	0.099	9.0
13:00-14:00	6	104	0.027	2.5	6	104	0.045	4.1	6	104	0.072	6.6
14:00-15:00	6	104	0.045	4.1	6	104	0.032	2.9	6	104	0.077	7.0
15:00-16:00	6	104	0.037	3.4	6	104	0.07	6.4	6	104	0.107	9.7
16:00-17:00	6	104	0.059	5.4	6	104	0.05	4.6	6	104	0.109	9.9
17:00-18:00	6	104	0.093	8.5	6	104	0.046	4.2	6	104	0.139	12.6
18:00-19:00	6	104	0.069	6.3	6	104	0.072	6.6	6	104	0.141	12.8
19:00-20:00	5	120	0.086	7.8	5	120	0.08	7.3	5	120	0.166	15.1
20:00-21:00	5	120	0.05	4.6	5	120	0.08	7.3	5	120	0.13	11.8
21:00-22:00	5	120	0.1	9.1	5	120	0.035	3.2	5	120	0.135	12.3
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.867	78.9			0.871	79.3			1.738	158.2

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: BUS/TRAM PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0	0.0	6	104	0.003	0.3	6	104	0.003	0.3
08:00-09:00	6	104	0.013	1.2	6	104	0.006	0.5	6	104	0.019	1.7
09:00-10:00	6	104	0.006	0.5	6	104	0.002	0.2	6	104	0.008	0.7
10:00-11:00	6	104	0.005	0.5	6	104	0.002	0.2	6	104	0.007	0.6
11:00-12:00	6	104	0.011	1.0	6	104	0.006	0.5	6	104	0.017	1.5
12:00-13:00	6	104	0.003	0.3	6	104	0.005	0.5	6	104	0.008	0.7
13:00-14:00	6	104	0.006	0.5	6	104	0.006	0.5	6	104	0.012	1.1
14:00-15:00	6	104	0.003	0.3	6	104	0.003	0.3	6	104	0.006	0.5
15:00-16:00	6	104	0.005	0.5	6	104	0.016	1.5	6	104	0.021	1.9
16:00-17:00	6	104	0.014	1.3	6	104	0.013	1.2	6	104	0.027	2.5
17:00-18:00	6	104	0.01	0.9	6	104	0.008	0.7	6	104	0.018	1.6
18:00-19:00	6	104	0.008	0.7	6	104	0.005	0.5	6	104	0.013	1.2
19:00-20:00	5	120	0.013	1.2	5	120	0.007	0.6	5	120	0.02	1.8
20:00-21:00	5	120	0	0.0	5	120	0.007	0.6	5	120	0.007	0.6
21:00-22:00	5	120	0.003	0.3	5	120	0	0.0	5	120	0.003	0.3
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.1	9.1			0.089	8.1			0.189	17.2

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: TOTAL RAIL PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0.016	1.5	6	104	0.029	2.6	6	104	0.045	4.1
08:00-09:00	6	104	0.013	1.2	6	104	0.002	0.2	6	104	0.015	1.4
09:00-10:00	6	104	0.013	1.2	6	104	0.045	4.1	6	104	0.058	5.3
10:00-11:00	6	104	0.008	0.7	6	104	0.053	4.8	6	104	0.061	5.6
11:00-12:00	6	104	0.018	1.6	6	104	0.051	4.6	6	104	0.069	6.3
12:00-13:00	6	104	0.014	1.3	6	104	0.006	0.5	6	104	0.02	1.8
13:00-14:00	6	104	0.019	1.7	6	104	0.005	0.5	6	104	0.024	2.2
14:00-15:00	6	104	0.034	3.1	6	104	0.011	1.0	6	104	0.045	4.1
15:00-16:00	6	104	0.021	1.9	6	104	0.046	4.2	6	104	0.067	6.1
16:00-17:00	6	104	0.045	4.1	6	104	0.013	1.2	6	104	0.058	5.3
17:00-18:00	6	104	0.037	3.4	6	104	0.024	2.2	6	104	0.061	5.6
18:00-19:00	6	104	0.045	4.1	6	104	0.037	3.4	6	104	0.082	7.5
19:00-20:00	5	120	0.088	8.0	5	120	0.032	2.9	5	120	0.12	10.9
20:00-21:00	5	120	0.032	2.9	5	120	0.013	1.2	5	120	0.045	4.1
21:00-22:00	5	120	0.018	1.6	5	120	0	0.0	5	120	0.018	1.6
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.421	38.3			0.367	33.4			0.788	71.7

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: COACH PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
08:00-09:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
09:00-10:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
10:00-11:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
11:00-12:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
12:00-13:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
13:00-14:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
14:00-15:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
15:00-16:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
16:00-17:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
17:00-18:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
18:00-19:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
19:00-20:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0	0.0			0	0.0			0	0.0

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0.003	0.3	6	104	0	0.0	6	104	0.003	0.3
08:00-09:00	6	104	0.022	2.0	6	104	0.01	0.9	6	104	0.032	2.9
09:00-10:00	6	104	0.01	0.9	6	104	0.01	0.9	6	104	0.02	1.8
10:00-11:00	6	104	0.002	0.2	6	104	0.006	0.5	6	104	0.008	0.7
11:00-12:00	6	104	0.002	0.2	6	104	0.003	0.3	6	104	0.005	0.5
12:00-13:00	6	104	0.003	0.3	6	104	0.005	0.5	6	104	0.008	0.7
13:00-14:00	6	104	0.003	0.3	6	104	0.002	0.2	6	104	0.005	0.5
14:00-15:00	6	104	0.002	0.2	6	104	0.003	0.3	6	104	0.005	0.5
15:00-16:00	6	104	0.005	0.5	6	104	0.006	0.5	6	104	0.011	1.0
16:00-17:00	6	104	0.011	1.0	6	104	0.006	0.5	6	104	0.017	1.5
17:00-18:00	6	104	0.016	1.5	6	104	0.008	0.7	6	104	0.024	2.2
18:00-19:00	6	104	0.014	1.3	6	104	0.006	0.5	6	104	0.02	1.8
19:00-20:00	5	120	0.012	1.1	5	120	0.007	0.6	5	120	0.019	1.7
20:00-21:00	5	120	0.007	0.6	5	120	0.002	0.2	5	120	0.009	0.8
21:00-22:00	5	120	0.005	0.5	5	120	0	0.0	5	120	0.005	0.5
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.117	10.6			0.074	6.7			0.191	17.4

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0.005	0.5	6	104	0.005	0.5	6	104	0.01	0.9
08:00-09:00	6	104	0.003	0.3	6	104	0.008	0.7	6	104	0.011	1.0
09:00-10:00	6	104	0.005	0.5	6	104	0	0.0	6	104	0.005	0.5
10:00-11:00	6	104	0.01	0.9	6	104	0.006	0.5	6	104	0.016	1.5
11:00-12:00	6	104	0.008	0.7	6	104	0.01	0.9	6	104	0.018	1.6
12:00-13:00	6	104	0.005	0.5	6	104	0.006	0.5	6	104	0.011	1.0
13:00-14:00	6	104	0.005	0.5	6	104	0.005	0.5	6	104	0.01	0.9
14:00-15:00	6	104	0.008	0.7	6	104	0.003	0.3	6	104	0.011	1.0
15:00-16:00	6	104	0.008	0.7	6	104	0.01	0.9	6	104	0.018	1.6
16:00-17:00	6	104	0.005	0.5	6	104	0.006	0.5	6	104	0.011	1.0
17:00-18:00	6	104	0.002	0.2	6	104	0.003	0.3	6	104	0.005	0.5
18:00-19:00	6	104	0.005	0.5	6	104	0.002	0.2	6	104	0.007	0.6
19:00-20:00	5	120	0	0.0	5	120	0.002	0.2	5	120	0.002	0.2
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.069	6.3			0.066	6.0			0.135	12.3

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/A - HOTELS**
Calculation Factor: 1 BEDRMS
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
06:00-07:00	1	24	0	0.0	1	24	0	0.0	1	24	0	0.0
07:00-08:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
08:00-09:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
09:00-10:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
10:00-11:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
11:00-12:00	6	104	0.002	0.2	6	104	0	0.0	6	104	0.002	0.2
12:00-13:00	6	104	0	0.0	6	104	0.002	0.2	6	104	0.002	0.2
13:00-14:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
14:00-15:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
15:00-16:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
16:00-17:00	6	104	0.002	0.2	6	104	0.002	0.2	6	104	0.004	0.4
17:00-18:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
18:00-19:00	6	104	0	0.0	6	104	0	0.0	6	104	0	0.0
19:00-20:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
20:00-21:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
21:00-22:00	5	120	0	0.0	5	120	0	0.0	5	120	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.004	0.4			0.004	0.4			0.008	0.7

APPENDIX B TRICS REPORT – RESIDENTIAL

Calculation Reference: AUDIT-715001-170215-0210

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

01	GREATER LONDON		
	HM	HAMMERSMITH AND FULHAM	1 days
	HO	HOUNSLOW	1 days
	IS	ISLINGTON	1 days
	NH	NEWHAM	1 days
	SK	SOUTHWARK	2 days
02	SOUTH EAST		
	EX	ESSEX	2 days
04	EAST ANGLIA		
	NF	NORFOLK	1 days
	SF	SUFFOLK	1 days
09	NORTH		
	CB	CUMBRIA	1 days
11	SCOTLAND		
	SA	SOUTH AYRSHIRE	1 days
	SR	STIRLING	2 days
14	LEINSTER		
	LU	LOUTH	3 days
15	GREATER DUBLIN		
	DL	DUBLIN	2 days
16	ULSTER (REPUBLIC OF IRELAND)		
	MG	MONAGHAN	1 days

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

Secondary 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:	Number of dwellings
Actual Range:	6 to 157 (units:)
Range Selected by User:	6 to 530 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 28/09/16

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

Selected survey days:

Monday	2 days
Tuesday	5 days
Wednesday	4 days
Thursday	7 days
Friday	2 days

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

Selected survey types:

Manual count	20 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	3
Edge of Town Centre	14
Neighbourhood Centre (PPS6 Local Centre)	3

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
Residential Zone	9
Built-Up Zone	7
High Street	1
No Sub Category	2

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

Secondary Filtering selection:

Use Class:

C3	20 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	3 days
15,001 to 20,000	3 days
25,001 to 50,000	6 days
50,001 to 100,000	2 days
100,001 or More	3 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	3 days
50,001 to 75,000	3 days
75,001 to 100,000	3 days
125,001 to 250,000	2 days
500,001 or More	8 days

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

Car ownership within 5 miles:

0.5 or Less	2 days
0.6 to 1.0	5 days
1.1 to 1.5	13 days

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

Travel Plan:

Yes	3 days
No	17 days

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

PTAL Rating:

No PTAL Present	14 days
3 Moderate	2 days
5 Very Good	1 days
6a Excellent	1 days
6b (High) Excellent	2 days

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

TRICS 7.3.4
Trip Rate Parameter: **Number of dwellings** **21**

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.044	0.9	20	56	0.117	2.5	20	56	0.161	3.4
08:00-09:00	20	56	0.048	1.0	20	56	0.124	2.6	20	56	0.172	3.6
09:00-10:00	20	56	0.049	1.0	20	56	0.067	1.4	20	56	0.116	2.4
10:00-11:00	20	56	0.052	1.1	20	56	0.075	1.6	20	56	0.127	2.7
11:00-12:00	20	56	0.058	1.2	20	56	0.064	1.3	20	56	0.122	2.6
12:00-13:00	20	56	0.083	1.7	20	56	0.065	1.4	20	56	0.148	3.1
13:00-14:00	20	56	0.074	1.6	20	56	0.081	1.7	20	56	0.155	3.3
14:00-15:00	20	56	0.062	1.3	20	56	0.073	1.5	20	56	0.135	2.8
15:00-16:00	20	56	0.057	1.2	20	56	0.047	1.0	20	56	0.104	2.2
16:00-17:00	20	56	0.093	2.0	20	56	0.074	1.6	20	56	0.167	3.5
17:00-18:00	20	56	0.129	2.7	20	56	0.074	1.6	20	56	0.203	4.3
18:00-19:00	20	56	0.122	2.6	20	56	0.07	1.5	20	56	0.192	4.0
19:00-20:00	2	93	0.011	0.2	2	93	0.011	0.2	2	93	0.022	0.5
20:00-21:00	2	93	0.016	0.3	2	93	0.016	0.3	2	93	0.032	0.7
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.898	18.9			0.958	20.1			1.856	39.0

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.005	0.1	20	56	0.005	0.1	20	56	0.01	0.2
08:00-09:00	20	56	0.001	0.0	20	56	0.002	0.0	20	56	0.003	0.1
09:00-10:00	20	56	0.003	0.1	20	56	0.003	0.1	20	56	0.006	0.1
10:00-11:00	20	56	0.002	0.0	20	56	0.002	0.0	20	56	0.004	0.1
11:00-12:00	20	56	0.004	0.1	20	56	0.004	0.1	20	56	0.008	0.2
12:00-13:00	20	56	0.003	0.1	20	56	0.003	0.1	20	56	0.006	0.1
13:00-14:00	20	56	0.005	0.1	20	56	0.005	0.1	20	56	0.01	0.2
14:00-15:00	20	56	0.002	0.0	20	56	0.002	0.0	20	56	0.004	0.1
15:00-16:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
16:00-17:00	20	56	0.005	0.1	20	56	0.005	0.1	20	56	0.01	0.2
17:00-18:00	20	56	0.006	0.1	20	56	0.004	0.1	20	56	0.01	0.2
18:00-19:00	20	56	0.004	0.1	20	56	0.004	0.1	20	56	0.008	0.2
19:00-20:00	2	93	0.005	0.1	2	93	0.005	0.1	2	93	0.01	0.2
20:00-21:00	2	93	0.016	0.3	2	93	0.016	0.3	2	93	0.032	0.7
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.062	1.3			0.061	1.3			0.123	2.6

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.001	0.0	20	56	0.004	0.1	20	56	0.005	0.1
08:00-09:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
09:00-10:00	20	56	0.003	0.1	20	56	0.003	0.1	20	56	0.006	0.1
10:00-11:00	20	56	0.002	0.0	20	56	0.003	0.1	20	56	0.005	0.1
11:00-12:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
12:00-13:00	20	56	0.003	0.1	20	56	0.002	0.0	20	56	0.005	0.1
13:00-14:00	20	56	0.001	0.0	20	56	0.002	0.0	20	56	0.003	0.1
14:00-15:00	20	56	0.002	0.0	20	56	0.001	0.0	20	56	0.003	0.1
15:00-16:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
16:00-17:00	20	56	0	0.0	20	56	0.001	0.0	20	56	0.001	0.0
17:00-18:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
18:00-19:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
19:00-20:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.015	0.3			0.019	0.4			0.034	0.7

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.001	0.0	20	56	0.003	0.1	20	56	0.004	0.1
08:00-09:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
09:00-10:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
10:00-11:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
11:00-12:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
12:00-13:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
13:00-14:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
14:00-15:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
15:00-16:00	20	56	0.001	0.0	20	56	0	0.0	20	56	0.001	0.0
16:00-17:00	20	56	0	0.0	20	56	0.001	0.0	20	56	0.001	0.0
17:00-18:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
18:00-19:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
19:00-20:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.004	0.1			0.006	0.1			0.01	0.2

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.004	0.1	20	56	0.011	0.2	20	56	0.015	0.3
08:00-09:00	20	56	0.004	0.1	20	56	0.011	0.2	20	56	0.015	0.3
09:00-10:00	20	56	0.004	0.1	20	56	0.005	0.1	20	56	0.009	0.2
10:00-11:00	20	56	0.004	0.1	20	56	0.005	0.1	20	56	0.009	0.2
11:00-12:00	20	56	0.004	0.1	20	56	0.001	0.0	20	56	0.005	0.1
12:00-13:00	20	56	0.003	0.1	20	56	0.005	0.1	20	56	0.008	0.2
13:00-14:00	20	56	0.004	0.1	20	56	0.001	0.0	20	56	0.005	0.1
14:00-15:00	20	56	0.002	0.0	20	56	0.001	0.0	20	56	0.003	0.1
15:00-16:00	20	56	0.003	0.1	20	56	0.003	0.1	20	56	0.006	0.1
16:00-17:00	20	56	0.002	0.0	20	56	0.002	0.0	20	56	0.004	0.1
17:00-18:00	20	56	0.007	0.1	20	56	0.002	0.0	20	56	0.009	0.2
18:00-19:00	20	56	0.007	0.1	20	56	0.002	0.0	20	56	0.009	0.2
19:00-20:00	2	93	0.005	0.1	2	93	0.011	0.2	2	93	0.016	0.3
20:00-21:00	2	93	0.011	0.2	2	93	0	0.0	2	93	0.011	0.2
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.064	1.3			0.06	1.3			0.124	2.6

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: PEDESTRIANS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.022	0.5	20	56	0.034	0.7	20	56	0.056	1.2
08:00-09:00	20	56	0.031	0.7	20	56	0.092	1.9	20	56	0.123	2.6
09:00-10:00	20	56	0.039	0.8	20	56	0.059	1.2	20	56	0.098	2.1
10:00-11:00	20	56	0.037	0.8	20	56	0.043	0.9	20	56	0.08	1.7
11:00-12:00	20	56	0.048	1.0	20	56	0.048	1.0	20	56	0.096	2.0
12:00-13:00	20	56	0.039	0.8	20	56	0.041	0.9	20	56	0.08	1.7
13:00-14:00	20	56	0.048	1.0	20	56	0.057	1.2	20	56	0.105	2.2
14:00-15:00	20	56	0.054	1.1	20	56	0.041	0.9	20	56	0.095	2.0
15:00-16:00	20	56	0.076	1.6	20	56	0.056	1.2	20	56	0.132	2.8
16:00-17:00	20	56	0.069	1.4	20	56	0.065	1.4	20	56	0.134	2.8
17:00-18:00	20	56	0.089	1.9	20	56	0.069	1.4	20	56	0.158	3.3
18:00-19:00	20	56	0.085	1.8	20	56	0.064	1.3	20	56	0.149	3.1
19:00-20:00	2	93	0.043	0.9	2	93	0.054	1.1	2	93	0.097	2.0
20:00-21:00	2	93	0.065	1.4	2	93	0.065	1.4	2	93	0.13	2.7
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.745	15.6			0.788	16.5			1.533	32.2

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: BUS/TRAM PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.003	0.1	20	56	0.046	1.0	20	56	0.049	1.0
08:00-09:00	20	56	0.004	0.1	20	56	0.067	1.4	20	56	0.071	1.5
09:00-10:00	20	56	0.003	0.1	20	56	0.022	0.5	20	56	0.025	0.5
10:00-11:00	20	56	0.008	0.2	20	56	0.014	0.3	20	56	0.022	0.5
11:00-12:00	20	56	0.005	0.1	20	56	0.009	0.2	20	56	0.014	0.3
12:00-13:00	20	56	0.012	0.3	20	56	0.013	0.3	20	56	0.025	0.5
13:00-14:00	20	56	0.008	0.2	20	56	0.008	0.2	20	56	0.016	0.3
14:00-15:00	20	56	0.008	0.2	20	56	0.012	0.3	20	56	0.02	0.4
15:00-16:00	20	56	0.021	0.4	20	56	0.005	0.1	20	56	0.026	0.5
16:00-17:00	20	56	0.031	0.7	20	56	0.004	0.1	20	56	0.035	0.7
17:00-18:00	20	56	0.05	1.1	20	56	0.005	0.1	20	56	0.055	1.2
18:00-19:00	20	56	0.038	0.8	20	56	0.007	0.1	20	56	0.045	0.9
19:00-20:00	2	93	0.022	0.5	2	93	0.011	0.2	2	93	0.033	0.7
20:00-21:00	2	93	0	0.0	2	93	0.011	0.2	2	93	0.011	0.2
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.213	4.5			0.234	4.9			0.447	9.4

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: TOTAL RAIL PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.006	0.1	20	56	0.04	0.8	20	56	0.046	1.0
08:00-09:00	20	56	0.004	0.1	20	56	0.03	0.6	20	56	0.034	0.7
09:00-10:00	20	56	0	0.0	20	56	0.018	0.4	20	56	0.018	0.4
10:00-11:00	20	56	0.004	0.1	20	56	0.014	0.3	20	56	0.018	0.4
11:00-12:00	20	56	0.005	0.1	20	56	0.007	0.1	20	56	0.012	0.3
12:00-13:00	20	56	0.007	0.1	20	56	0.007	0.1	20	56	0.014	0.3
13:00-14:00	20	56	0.013	0.3	20	56	0.007	0.1	20	56	0.02	0.4
14:00-15:00	20	56	0.007	0.1	20	56	0.004	0.1	20	56	0.011	0.2
15:00-16:00	20	56	0.005	0.1	20	56	0.001	0.0	20	56	0.006	0.1
16:00-17:00	20	56	0.013	0.3	20	56	0.004	0.1	20	56	0.017	0.4
17:00-18:00	20	56	0.026	0.5	20	56	0.002	0.0	20	56	0.028	0.6
18:00-19:00	20	56	0.022	0.5	20	56	0.003	0.1	20	56	0.025	0.5
19:00-20:00	2	93	0.059	1.2	2	93	0.005	0.1	2	93	0.064	1.3
20:00-21:00	2	93	0.011	0.2	2	93	0.005	0.1	2	93	0.016	0.3
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.182	3.8			0.147	3.1			0.329	6.9

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: COACH PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
08:00-09:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
09:00-10:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
10:00-11:00	20	56	0	0.0	20	56	0.002	0.0	20	56	0.002	0.0
11:00-12:00	20	56	0.009	0.2	20	56	0.001	0.0	20	56	0.01	0.2
12:00-13:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
13:00-14:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
14:00-15:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
15:00-16:00	20	56	0.001	0.0	20	56	0	0.0	20	56	0.001	0.0
16:00-17:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
17:00-18:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
18:00-19:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
19:00-20:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.01	0.2			0.003	0.1			0.013	0.3

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.014	0.3	20	56	0.036	0.8	20	56	0.05	1.1
08:00-09:00	20	56	0.015	0.3	20	56	0.049	1.0	20	56	0.064	1.3
09:00-10:00	20	56	0.015	0.3	20	56	0.024	0.5	20	56	0.039	0.8
10:00-11:00	20	56	0.022	0.5	20	56	0.023	0.5	20	56	0.045	0.9
11:00-12:00	20	56	0.024	0.5	20	56	0.03	0.6	20	56	0.054	1.1
12:00-13:00	20	56	0.037	0.8	20	56	0.018	0.4	20	56	0.055	1.2
13:00-14:00	20	56	0.014	0.3	20	56	0.03	0.6	20	56	0.044	0.9
14:00-15:00	20	56	0.024	0.5	20	56	0.03	0.6	20	56	0.054	1.1
15:00-16:00	20	56	0.024	0.5	20	56	0.015	0.3	20	56	0.039	0.8
16:00-17:00	20	56	0.037	0.8	20	56	0.025	0.5	20	56	0.062	1.3
17:00-18:00	20	56	0.058	1.2	20	56	0.036	0.8	20	56	0.094	2.0
18:00-19:00	20	56	0.041	0.9	20	56	0.035	0.7	20	56	0.076	1.6
19:00-20:00	2	93	0.005	0.1	2	93	0.005	0.1	2	93	0.01	0.2
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.33	6.9			0.356	7.5			0.686	14.4

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.002	0.0	20	56	0.009	0.2	20	56	0.011	0.2
08:00-09:00	20	56	0.004	0.1	20	56	0.003	0.1	20	56	0.007	0.1
09:00-10:00	20	56	0.004	0.1	20	56	0.005	0.1	20	56	0.009	0.2
10:00-11:00	20	56	0.008	0.2	20	56	0.009	0.2	20	56	0.017	0.4
11:00-12:00	20	56	0.008	0.2	20	56	0.009	0.2	20	56	0.017	0.4
12:00-13:00	20	56	0.013	0.3	20	56	0.008	0.2	20	56	0.021	0.4
13:00-14:00	20	56	0.012	0.3	20	56	0.012	0.3	20	56	0.024	0.5
14:00-15:00	20	56	0.006	0.1	20	56	0.008	0.2	20	56	0.014	0.3
15:00-16:00	20	56	0.004	0.1	20	56	0.004	0.1	20	56	0.008	0.2
16:00-17:00	20	56	0.01	0.2	20	56	0.012	0.3	20	56	0.022	0.5
17:00-18:00	20	56	0.002	0.0	20	56	0.001	0.0	20	56	0.003	0.1
18:00-19:00	20	56	0.002	0.0	20	56	0.002	0.0	20	56	0.004	0.1
19:00-20:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.075	1.6			0.082	1.7			0.157	3.3

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
Calculation Factor: 1 DWELLS
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
08:00-09:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
09:00-10:00	20	56	0.003	0.1	20	56	0.003	0.1	20	56	0.006	0.1
10:00-11:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
11:00-12:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
12:00-13:00	20	56	0.002	0.0	20	56	0	0.0	20	56	0.002	0.0
13:00-14:00	20	56	0	0.0	20	56	0.002	0.0	20	56	0.002	0.0
14:00-15:00	20	56	0.001	0.0	20	56	0.001	0.0	20	56	0.002	0.0
15:00-16:00	20	56	0	0.0	20	56	0	0.0	20	56	0	0.0
16:00-17:00	20	56	0.002	0.0	20	56	0.002	0.0	20	56	0.004	0.1
17:00-18:00	20	56	0	0.0	20	56	0.001	0.0	20	56	0.001	0.0
18:00-19:00	20	56	0.001	0.0	20	56	0	0.0	20	56	0.001	0.0
19:00-20:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
20:00-21:00	2	93	0	0.0	2	93	0	0.0	2	93	0	0.0
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.011	0.2			0.011	0.2			0.022	0.5

APPENDIX C TRICS REPORT – RESTAURANT

Calculation Reference: AUDIT-715001-170215-0246

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK
Category : B - RESTAURANTS

VEHICLES

Selected regions and areas:

01	GREATER LONDON		
	EN	ENFIELD	1 days
02	SOUTH EAST		
	HC	HAMPSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	WY	WEST YORKSHIRE	1 days
08	NORTH WEST		
	CH	CHESHIRE	1 days
11	SCOTLAND		
	RF	RENFREWSHIRE	1 days
17	ULSTER (NORTHERN IRELAND)		
	AN	ANTRIM	1 days

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

Secondary 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: Gross floor area
Actual Range: 175 to 950 (units: sqm)
Range Selected by User: 130 to 2400 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 23/11/15

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

Selected survey days:

Monday	2 days
Tuesday	2 days
Friday	2 days

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

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

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

Selected Locations:

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

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

Selected Location Sub Categories:

Development Zone	1
Residential Zone	1
Built-Up Zone	2
High Street	1
No Sub Category	1

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.

Secondary Filtering selection:

Use Class:

A3	6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
50,001 to 100,000	1 days

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

Population within 5 miles:

25,001 to 50,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	1 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	3 days
1.1 to 1.5	3 days

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

Travel Plan:

No	6 days

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

PTAL Rating:

No PTAL Present	5 days
3 Moderate	1 days

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

TRICS 7.3.4
Trip Rate Parameter: **Gross floor area** **1422 sqm**

TRIP RATE for Land Use 06 - HOTEL FOOD & DRINK/B - RESTAURANTS
Calculation Factor: 100 sqm
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0.152	2.2	2	660	0.227	3.2	2	660	0.379	5.4
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	2.3	32.7	3	333	1.3	18.5	3	333	3.6	51.2
11:00-12:00	6	440	1.288	18.3	6	440	0.758	10.8	6	440	2.046	29.1
12:00-13:00	6	440	2.386	33.9	6	440	1.023	14.5	6	440	3.409	48.5
13:00-14:00	6	440	1.629	23.2	6	440	2.348	33.4	6	440	3.977	56.6
14:00-15:00	6	440	1.061	15.1	6	440	1.477	21.0	6	440	2.538	36.1
15:00-16:00	6	440	0.758	10.8	6	440	1.136	16.2	6	440	1.894	26.9
16:00-17:00	6	440	1.591	22.6	6	440	1.098	15.6	6	440	2.689	38.2
17:00-18:00	6	440	1.78	25.3	6	440	1.098	15.6	6	440	2.878	40.9
18:00-19:00	6	440	2.652	37.7	6	440	1.818	25.9	6	440	4.47	63.6
19:00-20:00	6	440	2.689	38.2	6	440	2.424	34.5	6	440	5.113	72.7
20:00-21:00	6	440	2.008	28.6	6	440	3.409	48.5	6	440	5.417	77.0
21:00-22:00	6	440	0.947	13.5	6	440	1.894	26.9	6	440	2.841	40.4
22:00-23:00	6	440	0.795	11.3	6	440	1.515	21.5	6	440	2.31	32.8
23:00-24:00	6	440	0.455	6.5	6	440	1.023	14.5	6	440	1.478	21.0
Daily Trip Rates:			22.491	319.8			22.548	320.6			45.039	640.5

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0	0.0	3	333	0	0.0	3	333	0	0.0
11:00-12:00	6	440	0.038	0.5	6	440	0	0.0	6	440	0.038	0.5
12:00-13:00	6	440	0.114	1.6	6	440	0.152	2.2	6	440	0.266	3.8
13:00-14:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
14:00-15:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
15:00-16:00	6	440	0.114	1.6	6	440	0.114	1.6	6	440	0.228	3.2
16:00-17:00	6	440	0.038	0.5	6	440	0	0.0	6	440	0.038	0.5
17:00-18:00	6	440	0.114	1.6	6	440	0.152	2.2	6	440	0.266	3.8
18:00-19:00	6	440	0.227	3.2	6	440	0.227	3.2	6	440	0.454	6.5
19:00-20:00	6	440	0.189	2.7	6	440	0.189	2.7	6	440	0.378	5.4
20:00-21:00	6	440	0.341	4.8	6	440	0.303	4.3	6	440	0.644	9.2
21:00-22:00	6	440	0.152	2.2	6	440	0.152	2.2	6	440	0.304	4.3
22:00-23:00	6	440	0.227	3.2	6	440	0.265	3.8	6	440	0.492	7.0
23:00-24:00	6	440	0.076	1.1	6	440	0.076	1.1	6	440	0.152	2.2
Daily Trip Rates:			1.63	23.2			1.63	23.2			3.26	46.4

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0.1	1.4	3	333	0.1	1.4	3	333	0.2	2.8
11:00-12:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
12:00-13:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
13:00-14:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
14:00-15:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
15:00-16:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
16:00-17:00	6	440	0.076	1.1	6	440	0.076	1.1	6	440	0.152	2.2
17:00-18:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
18:00-19:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
19:00-20:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
20:00-21:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
21:00-22:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
22:00-23:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
23:00-24:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
Daily Trip Rates:			0.176	2.5			0.176	2.5			0.352	5.0

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0.1	1.4	3	333	0	0.0	3	333	0.1	1.4
11:00-12:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
12:00-13:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
13:00-14:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
14:00-15:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
15:00-16:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
16:00-17:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
17:00-18:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
18:00-19:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
19:00-20:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
20:00-21:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
21:00-22:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
22:00-23:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
23:00-24:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
Daily Trip Rates:			0.1	1.4			0.038	0.5			0.138	2.0

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B-RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0	0.0	3	333	0	0.0	3	333	0	0.0
11:00-12:00	6	440	0.076	1.1	6	440	0	0.0	6	440	0.076	1.1
12:00-13:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
13:00-14:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
14:00-15:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
15:00-16:00	6	440	0.038	0.5	6	440	0	0.0	6	440	0.038	0.5
16:00-17:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
17:00-18:00	6	440	0.152	2.2	6	440	0	0.0	6	440	0.152	2.2
18:00-19:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
19:00-20:00	6	440	0	0.0	6	440	0.076	1.1	6	440	0.076	1.1
20:00-21:00	6	440	0.038	0.5	6	440	0	0.0	6	440	0.038	0.5
21:00-22:00	6	440	0	0.0	6	440	0.076	1.1	6	440	0.076	1.1
22:00-23:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
23:00-24:00	6	440	0	0.0	6	440	0.076	1.1	6	440	0.076	1.1
Daily Trip Rates:			0.304	4.3			0.304	4.3			0.608	8.6

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0.152	2.2	2	660	0.227	3.2	2	660	0.379	5.4
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	1.7	24.2	3	333	0.8	11.4	3	333	2.5	35.6
11:00-12:00	6	440	1.061	15.1	6	440	0.53	7.5	6	440	1.591	22.6
12:00-13:00	6	440	2.197	31.2	6	440	0.758	10.8	6	440	2.955	42.0
13:00-14:00	6	440	1.515	21.5	6	440	2.159	30.7	6	440	3.674	52.2
14:00-15:00	6	440	0.985	14.0	6	440	1.402	19.9	6	440	2.387	33.9
15:00-16:00	6	440	0.53	7.5	6	440	0.947	13.5	6	440	1.477	21.0
16:00-17:00	6	440	1.364	19.4	6	440	0.985	14.0	6	440	2.349	33.4
17:00-18:00	6	440	1.477	21.0	6	440	0.871	12.4	6	440	2.348	33.4
18:00-19:00	6	440	2.311	32.9	6	440	1.439	20.5	6	440	3.75	53.3
19:00-20:00	6	440	2.424	34.5	6	440	2.121	30.2	6	440	4.545	64.6
20:00-21:00	6	440	1.591	22.6	6	440	3.03	43.1	6	440	4.621	65.7
21:00-22:00	6	440	0.795	11.3	6	440	1.705	24.2	6	440	2.5	35.6
22:00-23:00	6	440	0.53	7.5	6	440	1.174	16.7	6	440	1.704	24.2
23:00-24:00	6	440	0.379	5.4	6	440	0.871	12.4	6	440	1.25	17.8
Daily Trip Rates:			19.011	270.3			19.019	270.5			38.03	540.8

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0.4	5.7	3	333	0.4	5.7	3	333	0.8	11.4
11:00-12:00	6	440	0.189	2.7	6	440	0.227	3.2	6	440	0.416	5.9
12:00-13:00	6	440	0.076	1.1	6	440	0.114	1.6	6	440	0.19	2.7
13:00-14:00	6	440	0.114	1.6	6	440	0.152	2.2	6	440	0.266	3.8
14:00-15:00	6	440	0.076	1.1	6	440	0.076	1.1	6	440	0.152	2.2
15:00-16:00	6	440	0.076	1.1	6	440	0.076	1.1	6	440	0.152	2.2
16:00-17:00	6	440	0.114	1.6	6	440	0.038	0.5	6	440	0.152	2.2
17:00-18:00	6	440	0.114	1.6	6	440	0.038	0.5	6	440	0.152	2.2
18:00-19:00	6	440	0.038	0.5	6	440	0.114	1.6	6	440	0.152	2.2
19:00-20:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
20:00-21:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
21:00-22:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
22:00-23:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
23:00-24:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
Daily Trip Rates:			1.197	17.0			1.311	18.6			2.508	35.7

TRIP RATE for Land Use 06 - HOTEL **FOOD & DRINK/B - RESTAURANTS**
Calculation Factor: 100 sqm
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00	2	660	0	0.0	2	660	0	0.0	2	660	0	0.0
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	3	333	0	0.0	3	333	0	0.0	3	333	0	0.0
11:00-12:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
12:00-13:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
13:00-14:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
14:00-15:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
15:00-16:00	6	440	0.038	0.5	6	440	0	0.0	6	440	0.038	0.5
16:00-17:00	6	440	0	0.0	6	440	0	0.0	6	440	0	0.0
17:00-18:00	6	440	0.076	1.1	6	440	0.038	0.5	6	440	0.114	1.6
18:00-19:00	6	440	0.076	1.1	6	440	0.038	0.5	6	440	0.114	1.6
19:00-20:00	6	440	0.076	1.1	6	440	0.076	1.1	6	440	0.152	2.2
20:00-21:00	6	440	0.076	1.1	6	440	0.038	0.5	6	440	0.114	1.6
21:00-22:00	6	440	0	0.0	6	440	0.038	0.5	6	440	0.038	0.5
22:00-23:00	6	440	0.038	0.5	6	440	0.076	1.1	6	440	0.114	1.6
23:00-24:00	6	440	0	0.0	6	440	0.076	1.1	6	440	0.076	1.1
Daily Trip Rates:			0.38	5.4			0.38	5.4			0.76	10.8

APPENDIX D TRICS REPORT – OFFICE

Calculation Reference: AUDIT-715001-170215-0237

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE
VEHICLES

Selected regions and areas:

01	GREATER LONDON		
	CI	CITY OF LONDON	2 days
	HD	HILLINGDON	1 days
02	SOUTH EAST		
	BD	BEDFORDSHIRE	1 days
	ES	EAST SUSSEX	1 days
	EX	ESSEX	1 days
	HF	HERTFORDSHIRE	2 days
	SO	SLOUGH	2 days
03	SOUTH WEST		
	BR	BRISTOL CITY	1 days
04	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
	SF	SUFFOLK	1 days
06	WEST MIDLANDS		
	WK	WARWICKSHIRE	1 days
	WO	WORCESTERSHIRE	1 days
09	NORTH		
	TV	TEES VALLEY	1 days
10	WALES		
	MT	MERTHYR TYDFIL	1 days
	PS	POWYS	1 days
	SW	SWANSEA	2 days
12	CONNAUGHT		
	CS	SLIGO	1 days
	RO	ROSCOMMON	1 days
15	GREATER DUBLIN		
	DL	DUBLIN	2 days
16	ULSTER (REPUBLIC OF IRELAND)		
	MG	MONAGHAN	1 days

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

Secondary 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:	Gross floor area
Actual Range:	400 to 45000 (units: sqm)
Range Selected by User:	186 to 175000 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 14/06/16

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

Selected survey days:

Monday	1 days
Tuesday	6 days
Wednesday	3 days
Thursday	8 days
Friday	7 days

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

Selected survey types:

Manual count	25 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	11
Edge of Town Centre	12
Neighbourhood Centre (PPS6 Local Centre)	2

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

Selected Location Sub Categories:

Commercial Zone	5
Development Zone	2
Residential Zone	3
Built-Up Zone	10
High Street	2
No Sub Category	3

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.

Secondary Filtering selection:

Use Class:

A1	1 days
B1	24 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	2 days
5,001 to 10,000	3 days
10,001 to 15,000	1 days
15,001 to 20,000	4 days
25,001 to 50,000	12 days
50,001 to 100,000	3 days

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

Population within 5 miles:

5,001 to 25,000	4 days
75,001 to 100,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	10 days
250,001 to 500,000	4 days
500,001 or More	4 days

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

Car ownership within 5 miles:

0.5 or Less	2 days
0.6 to 1.0	5 days
1.1 to 1.5	16 days
1.6 to 2.0	2 days

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

Travel Plan:

Yes	8 days
No	17 days

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

PTAL Rating:

No PTAL Present	22 days
4 Good	2 days
6b (High) Excellent	1 days

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

TRICS 7.3.4
Trip Rate Parameter: **Gross floor area** **796 sqm**

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.525	4.2	25	7173	0.066	0.5	25	7173	0.591	4.7
08:00-09:00	25	7173	0.975	7.8	25	7173	0.116	0.9	25	7173	1.091	8.7
09:00-10:00	25	7173	0.591	4.7	25	7173	0.157	1.2	25	7173	0.748	6.0
10:00-11:00	25	7173	0.244	1.9	25	7173	0.182	1.4	25	7173	0.426	3.4
11:00-12:00	25	7173	0.202	1.6	25	7173	0.178	1.4	25	7173	0.38	3.0
12:00-13:00	25	7173	0.218	1.7	25	7173	0.238	1.9	25	7173	0.456	3.6
13:00-14:00	25	7173	0.23	1.8	25	7173	0.228	1.8	25	7173	0.458	3.6
14:00-15:00	25	7173	0.183	1.5	25	7173	0.206	1.6	25	7173	0.389	3.1
15:00-16:00	25	7173	0.13	1.0	25	7173	0.298	2.4	25	7173	0.428	3.4
16:00-17:00	25	7173	0.112	0.9	25	7173	0.589	4.7	25	7173	0.701	5.6
17:00-18:00	25	7173	0.08	0.6	25	7173	0.832	6.6	25	7173	0.912	7.3
18:00-19:00	24	7455	0.039	0.3	24	7455	0.297	2.4	24	7455	0.336	2.7
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			3.529	28.1			3.387	27.0			6.916	55.1

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.004	0.0	25	7173	0.004	0.0	25	7173	0.008	0.1
08:00-09:00	25	7173	0.008	0.1	25	7173	0.008	0.1	25	7173	0.016	0.1
09:00-10:00	25	7173	0.009	0.1	25	7173	0.009	0.1	25	7173	0.018	0.1
10:00-11:00	25	7173	0.007	0.1	25	7173	0.007	0.1	25	7173	0.014	0.1
11:00-12:00	25	7173	0.006	0.0	25	7173	0.006	0.0	25	7173	0.012	0.1
12:00-13:00	25	7173	0.005	0.0	25	7173	0.005	0.0	25	7173	0.01	0.1
13:00-14:00	25	7173	0.004	0.0	25	7173	0.004	0.0	25	7173	0.008	0.1
14:00-15:00	25	7173	0.006	0.0	25	7173	0.006	0.0	25	7173	0.012	0.1
15:00-16:00	25	7173	0.002	0.0	25	7173	0.002	0.0	25	7173	0.004	0.0
16:00-17:00	25	7173	0.004	0.0	25	7173	0.004	0.0	25	7173	0.008	0.1
17:00-18:00	25	7173	0.006	0.0	25	7173	0.006	0.0	25	7173	0.012	0.1
18:00-19:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.062	0.5			0.062	0.5			0.124	1.0

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.002	0.0	25	7173	0.001	0.0	25	7173	0.003	0.0
08:00-09:00	25	7173	0.003	0.0	25	7173	0.003	0.0	25	7173	0.006	0.0
09:00-10:00	25	7173	0.001	0.0	25	7173	0.002	0.0	25	7173	0.003	0.0
10:00-11:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
11:00-12:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
12:00-13:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
13:00-14:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
14:00-15:00	25	7173	0.002	0.0	25	7173	0.001	0.0	25	7173	0.003	0.0
15:00-16:00	25	7173	0.003	0.0	25	7173	0.002	0.0	25	7173	0.005	0.0
16:00-17:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
17:00-18:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
18:00-19:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.016	0.1			0.014	0.1			0.03	0.2

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
08:00-09:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
09:00-10:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
10:00-11:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
11:00-12:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
12:00-13:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
13:00-14:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
14:00-15:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
15:00-16:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
16:00-17:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
17:00-18:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
18:00-19:00	25	7173	0	0.0	25	7173	0	0.0	25	7173	0	0.0
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0	0.0			0	0.0			0	0.0

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.011	0.1	25	7173	0.002	0.0	25	7173	0.013	0.1
08:00-09:00	25	7173	0.046	0.4	25	7173	0	0.0	25	7173	0.046	0.4
09:00-10:00	25	7173	0.02	0.2	25	7173	0.001	0.0	25	7173	0.021	0.2
10:00-11:00	25	7173	0.007	0.1	25	7173	0.004	0.0	25	7173	0.011	0.1
11:00-12:00	25	7173	0.003	0.0	25	7173	0.003	0.0	25	7173	0.006	0.0
12:00-13:00	25	7173	0.006	0.0	25	7173	0.008	0.1	25	7173	0.014	0.1
13:00-14:00	25	7173	0.006	0.0	25	7173	0.004	0.0	25	7173	0.01	0.1
14:00-15:00	25	7173	0.001	0.0	25	7173	0.003	0.0	25	7173	0.004	0.0
15:00-16:00	25	7173	0.006	0.0	25	7173	0.01	0.1	25	7173	0.016	0.1
16:00-17:00	25	7173	0.002	0.0	25	7173	0.016	0.1	25	7173	0.018	0.1
17:00-18:00	25	7173	0.001	0.0	25	7173	0.041	0.3	25	7173	0.042	0.3
18:00-19:00	25	7173	0.002	0.0	25	7173	0.013	0.1	25	7173	0.015	0.1
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.111	0.9			0.105	0.8			0.216	1.7

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.181	1.4	25	7173	0.017	0.1	25	7173	0.198	1.6
08:00-09:00	25	7173	0.421	3.4	25	7173	0.028	0.2	25	7173	0.449	3.6
09:00-10:00	25	7173	0.287	2.3	25	7173	0.062	0.5	25	7173	0.349	2.8
10:00-11:00	25	7173	0.112	0.9	25	7173	0.088	0.7	25	7173	0.2	1.6
11:00-12:00	25	7173	0.076	0.6	25	7173	0.08	0.6	25	7173	0.156	1.2
12:00-13:00	25	7173	0.095	0.8	25	7173	0.118	0.9	25	7173	0.213	1.7
13:00-14:00	25	7173	0.119	0.9	25	7173	0.107	0.9	25	7173	0.226	1.8
14:00-15:00	25	7173	0.082	0.7	25	7173	0.092	0.7	25	7173	0.174	1.4
15:00-16:00	25	7173	0.06	0.5	25	7173	0.117	0.9	25	7173	0.177	1.4
16:00-17:00	25	7173	0.048	0.4	25	7173	0.234	1.9	25	7173	0.282	2.2
17:00-18:00	25	7173	0.03	0.2	25	7173	0.399	3.2	25	7173	0.429	3.4
18:00-19:00	25	7173	0.014	0.1	25	7173	0.148	1.2	25	7173	0.162	1.3
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			1.525	12.1			1.49	11.9			3.015	24.0

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.012	0.1	25	7173	0.009	0.1	25	7173	0.021	0.2
08:00-09:00	25	7173	0.023	0.2	25	7173	0.023	0.2	25	7173	0.046	0.4
09:00-10:00	25	7173	0.015	0.1	25	7173	0.017	0.1	25	7173	0.032	0.3
10:00-11:00	25	7173	0.011	0.1	25	7173	0.012	0.1	25	7173	0.023	0.2
11:00-12:00	25	7173	0.016	0.1	25	7173	0.017	0.1	25	7173	0.033	0.3
12:00-13:00	25	7173	0.016	0.1	25	7173	0.014	0.1	25	7173	0.03	0.2
13:00-14:00	25	7173	0.009	0.1	25	7173	0.006	0.0	25	7173	0.015	0.1
14:00-15:00	25	7173	0.013	0.1	25	7173	0.011	0.1	25	7173	0.024	0.2
15:00-16:00	25	7173	0.013	0.1	25	7173	0.013	0.1	25	7173	0.026	0.2
16:00-17:00	25	7173	0.016	0.1	25	7173	0.018	0.1	25	7173	0.034	0.3
17:00-18:00	25	7173	0.013	0.1	25	7173	0.011	0.1	25	7173	0.024	0.2
18:00-19:00	24	7455	0.003	0.0	24	7455	0.005	0.0	24	7455	0.008	0.1
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.16	1.3			0.156	1.2			0.316	2.5

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	25	7173	0.004	0.0	25	7173	0	0.0	25	7173	0.004	0.0
08:00-09:00	25	7173	0.008	0.1	25	7173	0.001	0.0	25	7173	0.009	0.1
09:00-10:00	25	7173	0.003	0.0	25	7173	0.001	0.0	25	7173	0.004	0.0
10:00-11:00	25	7173	0.002	0.0	25	7173	0	0.0	25	7173	0.002	0.0
11:00-12:00	25	7173	0	0.0	25	7173	0.001	0.0	25	7173	0.001	0.0
12:00-13:00	25	7173	0.001	0.0	25	7173	0.001	0.0	25	7173	0.002	0.0
13:00-14:00	25	7173	0	0.0	25	7173	0.001	0.0	25	7173	0.001	0.0
14:00-15:00	25	7173	0.002	0.0	25	7173	0.001	0.0	25	7173	0.003	0.0
15:00-16:00	25	7173	0	0.0	25	7173	0.002	0.0	25	7173	0.002	0.0
16:00-17:00	25	7173	0.001	0.0	25	7173	0.003	0.0	25	7173	0.004	0.0
17:00-18:00	25	7173	0.001	0.0	25	7173	0.01	0.1	25	7173	0.011	0.1
18:00-19:00	25	7173	0	0.0	25	7173	0.001	0.0	25	7173	0.001	0.0
19:00-20:00												
20:00-21:00												
21:00-22:00												
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.022	0.2			0.022	0.2			0.044	0.4

APPENDIX E TRICS REPORT – RETAIL

Calculation Reference: AUDIT-715001-170215-0248

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : I - SHOPPING CENTRE - LOCAL SHOPS
MULTI-MODAL VEHICLES

Selected regions and areas:

05	EAST MIDLANDS		
	LE	LEICESTERSHIRE	1 days
06	WEST MIDLANDS		
	SH	SHROPSHIRE	1 days
09	NORTH		
	TV	TEES VALLEY	2 days
15	GREATER DUBLIN		
	DL	DUBLIN	1 days
16	ULSTER (REPUBLIC OF IRELAND)		
	DN	DONEGAL	1 days

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

Secondary 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:	Gross floor area
Actual Range:	550 to 3394 (units: sqm)
Range Selected by User:	240 to 3394 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 28/10/14

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

Selected survey days:

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

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

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

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

Selected Locations:

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

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

Selected Location Sub Categories:

Residential Zone	4
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out

Secondary Filtering selection:

Use Class:

A1	6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

5,001 to 10,000	1 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	2 days
25,001 to 50,000	1 days

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

Population within 5 miles:

25,001 to 50,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	1 days
250,001 to 500,000	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	5 days

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

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	6 days

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	6 days

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

PTAL Rating:

No PTAL Present	6 days

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

TRICS 7.3.4
Trip Rate Parameter: **Gross floor area** **404 sqm**

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	2.662	10.8	6	1384	2.373	9.6	6	1384	5.035	20.3
08:00-09:00	6	1384	3.095	12.5	6	1384	2.939	11.9	6	1384	6.034	24.4
09:00-10:00	6	1384	4.312	17.4	6	1384	3.469	14.0	6	1384	7.781	31.4
10:00-11:00	6	1384	4.083	16.5	6	1384	3.842	15.5	6	1384	7.925	32.0
11:00-12:00	6	1384	4.769	19.3	6	1384	4.697	19.0	6	1384	9.466	38.2
12:00-13:00	6	1384	5.901	23.8	6	1384	5.685	23.0	6	1384	11.586	46.8
13:00-14:00	6	1384	4.914	19.9	6	1384	4.902	19.8	6	1384	9.816	39.7
14:00-15:00	6	1384	4.42	17.9	6	1384	4.709	19.0	6	1384	9.129	36.9
15:00-16:00	6	1384	3.71	15.0	6	1384	3.987	16.1	6	1384	7.697	31.1
16:00-17:00	6	1384	4.143	16.7	6	1384	3.974	16.1	6	1384	8.117	32.8
17:00-18:00	6	1384	4.516	18.2	6	1384	4.805	19.4	6	1384	9.321	37.7
18:00-19:00	6	1384	4.3	17.4	6	1384	4.818	19.5	6	1384	9.118	36.8
19:00-20:00	5	982	6.926	28.0	5	982	6.804	27.5	5	982	13.73	55.5
20:00-21:00	5	982	4.909	19.8	5	982	5.398	21.8	5	982	10.307	41.6
21:00-22:00	5	982	3.504	14.2	5	982	4.074	16.5	5	982	7.578	30.6
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			66.164	267.3			66.476	268.6			132.64	535.9

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
08:00-09:00	6	1384	0.024	0.1	6	1384	0.024	0.1	6	1384	0.048	0.2
09:00-10:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
10:00-11:00	6	1384	0.024	0.1	6	1384	0.012	0.0	6	1384	0.036	0.1
11:00-12:00	6	1384	0.024	0.1	6	1384	0.036	0.1	6	1384	0.06	0.2
12:00-13:00	6	1384	0.048	0.2	6	1384	0.048	0.2	6	1384	0.096	0.4
13:00-14:00	6	1384	0.036	0.1	6	1384	0.012	0.0	6	1384	0.048	0.2
14:00-15:00	6	1384	0.012	0.0	6	1384	0.048	0.2	6	1384	0.06	0.2
15:00-16:00	6	1384	0.048	0.2	6	1384	0.012	0.0	6	1384	0.06	0.2
16:00-17:00	6	1384	0.024	0.1	6	1384	0.036	0.1	6	1384	0.06	0.2
17:00-18:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
18:00-19:00	6	1384	0.012	0.0	6	1384	0.024	0.1	6	1384	0.036	0.1
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0.02	0.1	5	982	0.02	0.1	5	982	0.04	0.2
21:00-22:00	5	982	0.041	0.2	5	982	0	0.0	5	982	0.041	0.2
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.337	1.4			0.296	1.2			0.633	2.6

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.096	0.4	6	1384	0.084	0.3	6	1384	0.18	0.7
08:00-09:00	6	1384	0.048	0.2	6	1384	0.036	0.1	6	1384	0.084	0.3
09:00-10:00	6	1384	0.157	0.6	6	1384	0.181	0.7	6	1384	0.338	1.4
10:00-11:00	6	1384	0.072	0.3	6	1384	0.06	0.2	6	1384	0.132	0.5
11:00-12:00	6	1384	0.096	0.4	6	1384	0.096	0.4	6	1384	0.192	0.8
12:00-13:00	6	1384	0.12	0.5	6	1384	0.169	0.7	6	1384	0.289	1.2
13:00-14:00	6	1384	0.084	0.3	6	1384	0.096	0.4	6	1384	0.18	0.7
14:00-15:00	6	1384	0.084	0.3	6	1384	0.06	0.2	6	1384	0.144	0.6
15:00-16:00	6	1384	0.048	0.2	6	1384	0.036	0.1	6	1384	0.084	0.3
16:00-17:00	6	1384	0.048	0.2	6	1384	0.036	0.1	6	1384	0.084	0.3
17:00-18:00	6	1384	0.024	0.1	6	1384	0.012	0.0	6	1384	0.036	0.1
18:00-19:00	6	1384	0	0.0	6	1384	0.024	0.1	6	1384	0.024	0.1
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
21:00-22:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.877	3.5			0.89	3.6			1.767	7.1

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
08:00-09:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
09:00-10:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
10:00-11:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
11:00-12:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
12:00-13:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
13:00-14:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
14:00-15:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
15:00-16:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
16:00-17:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
17:00-18:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
18:00-19:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
21:00-22:00	5	982	0.041	0.2	5	982	0.041	0.2	5	982	0.082	0.3
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.125	0.5			0.125	0.5			0.25	1.0

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.072	0.3	6	1384	0.048	0.2	6	1384	0.12	0.5
08:00-09:00	6	1384	0.132	0.5	6	1384	0.132	0.5	6	1384	0.264	1.1
09:00-10:00	6	1384	0.108	0.4	6	1384	0.072	0.3	6	1384	0.18	0.7
10:00-11:00	6	1384	0.096	0.4	6	1384	0.096	0.4	6	1384	0.192	0.8
11:00-12:00	6	1384	0.048	0.2	6	1384	0.036	0.1	6	1384	0.084	0.3
12:00-13:00	6	1384	0.048	0.2	6	1384	0.06	0.2	6	1384	0.108	0.4
13:00-14:00	6	1384	0.084	0.3	6	1384	0.084	0.3	6	1384	0.168	0.7
14:00-15:00	6	1384	0.12	0.5	6	1384	0.132	0.5	6	1384	0.252	1.0
15:00-16:00	6	1384	0.229	0.9	6	1384	0.193	0.8	6	1384	0.422	1.7
16:00-17:00	6	1384	0.169	0.7	6	1384	0.169	0.7	6	1384	0.338	1.4
17:00-18:00	6	1384	0.06	0.2	6	1384	0.12	0.5	6	1384	0.18	0.7
18:00-19:00	6	1384	0.241	1.0	6	1384	0.193	0.8	6	1384	0.434	1.8
19:00-20:00	5	982	0.224	0.9	5	982	0.204	0.8	5	982	0.428	1.7
20:00-21:00	5	982	0.041	0.2	5	982	0.102	0.4	5	982	0.143	0.6
21:00-22:00	5	982	0.183	0.7	5	982	0.122	0.5	5	982	0.305	1.2
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			1.855	7.5			1.763	7.1			3.618	14.6

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: PEDESTRIANS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	1.469	5.9	6	1384	1.168	4.7	6	1384	2.637	10.7
08:00-09:00	6	1384	4.288	17.3	6	1384	4.565	18.4	6	1384	8.853	35.8
09:00-10:00	6	1384	3.023	12.2	6	1384	2.722	11.0	6	1384	5.745	23.2
10:00-11:00	6	1384	3.131	12.6	6	1384	3.204	12.9	6	1384	6.335	25.6
11:00-12:00	6	1384	3.192	12.9	6	1384	3.059	12.4	6	1384	6.251	25.3
12:00-13:00	6	1384	3.866	15.6	6	1384	3.613	14.6	6	1384	7.479	30.2
13:00-14:00	6	1384	4.276	17.3	6	1384	4.324	17.5	6	1384	8.6	34.7
14:00-15:00	6	1384	3.336	13.5	6	1384	3.42	13.8	6	1384	6.756	27.3
15:00-16:00	6	1384	4.914	19.9	6	1384	5.167	20.9	6	1384	10.081	40.7
16:00-17:00	6	1384	2.891	11.7	6	1384	2.77	11.2	6	1384	5.661	22.9
17:00-18:00	6	1384	2.059	8.3	6	1384	2.565	10.4	6	1384	4.624	18.7
18:00-19:00	6	1384	2.144	8.7	6	1384	1.975	8.0	6	1384	4.119	16.6
19:00-20:00	5	982	2.954	11.9	5	982	3.28	13.3	5	982	6.234	25.2
20:00-21:00	5	982	2.119	8.6	5	982	2.363	9.5	5	982	4.482	18.1
21:00-22:00	5	982	1.772	7.2	5	982	1.813	7.3	5	982	3.585	14.5
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			45.434	183.6			46.008	185.9			91.442	369.4

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: BUS/TRAM PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.084	0.3	6	1384	0.06	0.2	6	1384	0.144	0.6
08:00-09:00	6	1384	0.108	0.4	6	1384	0.145	0.6	6	1384	0.253	1.0
09:00-10:00	6	1384	0.06	0.2	6	1384	0.024	0.1	6	1384	0.084	0.3
10:00-11:00	6	1384	0.096	0.4	6	1384	0.084	0.3	6	1384	0.18	0.7
11:00-12:00	6	1384	0.084	0.3	6	1384	0.132	0.5	6	1384	0.216	0.9
12:00-13:00	6	1384	0.072	0.3	6	1384	0.06	0.2	6	1384	0.132	0.5
13:00-14:00	6	1384	0.169	0.7	6	1384	0.06	0.2	6	1384	0.229	0.9
14:00-15:00	6	1384	0.108	0.4	6	1384	0.06	0.2	6	1384	0.168	0.7
15:00-16:00	6	1384	0.169	0.7	6	1384	0.06	0.2	6	1384	0.229	0.9
16:00-17:00	6	1384	0.06	0.2	6	1384	0.108	0.4	6	1384	0.168	0.7
17:00-18:00	6	1384	0.036	0.1	6	1384	0.096	0.4	6	1384	0.132	0.5
18:00-19:00	6	1384	0.06	0.2	6	1384	0.084	0.3	6	1384	0.144	0.6
19:00-20:00	5	982	0.163	0.7	5	982	0.143	0.6	5	982	0.306	1.2
20:00-21:00	5	982	0.102	0.4	5	982	0.081	0.3	5	982	0.183	0.7
21:00-22:00	5	982	0.143	0.6	5	982	0.081	0.3	5	982	0.224	0.9
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			1.514	6.1			1.278	5.2			2.792	11.3

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: TOTAL RAIL PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
08:00-09:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
09:00-10:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
10:00-11:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
11:00-12:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
12:00-13:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
13:00-14:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
14:00-15:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
15:00-16:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
16:00-17:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
17:00-18:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
18:00-19:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
21:00-22:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0	0.0			0	0.0			0	0.0

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: COACH PASSENGERS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
08:00-09:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
09:00-10:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
10:00-11:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
11:00-12:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
12:00-13:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
13:00-14:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
14:00-15:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
15:00-16:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
16:00-17:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
17:00-18:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
18:00-19:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
21:00-22:00	5	982	0.041	0.2	5	982	0.122	0.5	5	982	0.163	0.7
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.089	0.4			0.17	0.7			0.259	1.0

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.759	3.1	6	1384	0.638	2.6	6	1384	1.397	5.6
08:00-09:00	6	1384	1.048	4.2	6	1384	1.012	4.1	6	1384	2.06	8.3
09:00-10:00	6	1384	1.325	5.4	6	1384	0.927	3.7	6	1384	2.252	9.1
10:00-11:00	6	1384	1.204	4.9	6	1384	1.048	4.2	6	1384	2.252	9.1
11:00-12:00	6	1384	1.12	4.5	6	1384	0.988	4.0	6	1384	2.108	8.5
12:00-13:00	6	1384	1.927	7.8	6	1384	2.023	8.2	6	1384	3.95	16.0
13:00-14:00	6	1384	1.59	6.4	6	1384	1.722	7.0	6	1384	3.312	13.4
14:00-15:00	6	1384	1.253	5.1	6	1384	1.216	4.9	6	1384	2.469	10.0
15:00-16:00	6	1384	1.204	4.9	6	1384	1.289	5.2	6	1384	2.493	10.1
16:00-17:00	6	1384	1.349	5.4	6	1384	1.313	5.3	6	1384	2.662	10.8
17:00-18:00	6	1384	1.554	6.3	6	1384	1.59	6.4	6	1384	3.144	12.7
18:00-19:00	6	1384	1.024	4.1	6	1384	1.397	5.6	6	1384	2.421	9.8
19:00-20:00	5	982	1.569	6.3	5	982	1.732	7.0	5	982	3.301	13.3
20:00-21:00	5	982	1.08	4.4	5	982	1.12	4.5	5	982	2.2	8.9
21:00-22:00	5	982	0.876	3.5	5	982	0.917	3.7	5	982	1.793	7.2
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			18.882	76.3			18.932	76.5			37.814	152.8

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.409	1.7	6	1384	0.409	1.7	6	1384	0.818	3.3
08:00-09:00	6	1384	0.458	1.9	6	1384	0.446	1.8	6	1384	0.904	3.7
09:00-10:00	6	1384	0.397	1.6	6	1384	0.349	1.4	6	1384	0.746	3.0
10:00-11:00	6	1384	0.518	2.1	6	1384	0.506	2.0	6	1384	1.024	4.1
11:00-12:00	6	1384	0.458	1.9	6	1384	0.506	2.0	6	1384	0.964	3.9
12:00-13:00	6	1384	0.53	2.1	6	1384	0.494	2.0	6	1384	1.024	4.1
13:00-14:00	6	1384	0.422	1.7	6	1384	0.325	1.3	6	1384	0.747	3.0
14:00-15:00	6	1384	0.325	1.3	6	1384	0.422	1.7	6	1384	0.747	3.0
15:00-16:00	6	1384	0.397	1.6	6	1384	0.361	1.5	6	1384	0.758	3.1
16:00-17:00	6	1384	0.337	1.4	6	1384	0.434	1.8	6	1384	0.771	3.1
17:00-18:00	6	1384	0.253	1.0	6	1384	0.217	0.9	6	1384	0.47	1.9
18:00-19:00	6	1384	0.325	1.3	6	1384	0.337	1.4	6	1384	0.662	2.7
19:00-20:00	5	982	0.407	1.6	5	982	0.428	1.7	5	982	0.835	3.4
20:00-21:00	5	982	0.285	1.2	5	982	0.326	1.3	5	982	0.611	2.5
21:00-22:00	5	982	0.122	0.5	5	982	0.163	0.7	5	982	0.285	1.2
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			5.643	22.8			5.723	23.1			11.366	45.9

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
Calculation Factor: 100 sqm
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00-01:00												
01:00-02:00												
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00	6	1384	0.024	0.1	6	1384	0.024	0.1	6	1384	0.048	0.2
08:00-09:00	6	1384	0.024	0.1	6	1384	0.024	0.1	6	1384	0.048	0.2
09:00-10:00	6	1384	0.012	0.0	6	1384	0.012	0.0	6	1384	0.024	0.1
10:00-11:00	6	1384	0.012	0.0	6	1384	0.072	0.3	6	1384	0.084	0.3
11:00-12:00	6	1384	0.012	0.0	6	1384	0	0.0	6	1384	0.012	0.0
12:00-13:00	6	1384	0.06	0.2	6	1384	0.06	0.2	6	1384	0.12	0.5
13:00-14:00	6	1384	0.024	0.1	6	1384	0.024	0.1	6	1384	0.048	0.2
14:00-15:00	6	1384	0.036	0.1	6	1384	0.024	0.1	6	1384	0.06	0.2
15:00-16:00	6	1384	0.048	0.2	6	1384	0.024	0.1	6	1384	0.072	0.3
16:00-17:00	6	1384	0.024	0.1	6	1384	0.012	0.0	6	1384	0.036	0.1
17:00-18:00	6	1384	0	0.0	6	1384	0	0.0	6	1384	0	0.0
18:00-19:00	6	1384	0	0.0	6	1384	0.012	0.0	6	1384	0.012	0.0
19:00-20:00	5	982	0	0.0	5	982	0	0.0	5	982	0	0.0
20:00-21:00	5	982	0.02	0.1	5	982	0.02	0.1	5	982	0.04	0.2
21:00-22:00	5	982	0.041	0.2	5	982	0.041	0.2	5	982	0.082	0.3
22:00-23:00												
23:00-24:00												
Daily Trip Rates:			0.337	1.4			0.349	1.4			0.686	2.8

APPENDIX F TRICS REPORT – SCREENING ROOM

Calculation Reference: AUDIT-715001-170215-0257

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
Category : A - MULTIPLEX CINEMAS
VEHICLES

Selected regions and areas:

02	SOUTH EAST		
	RE	READING	1 days
04	EAST ANGLIA		
	NF	NORFOLK	1 days
05	EAST MIDLANDS		
	DS	DERBYSHIRE	1 days
10	WALES		
	NW	NEWPORT	1 days
11	SCOTLAND		
	RF	RENFREWSHIRE	1 days
15	GREATER DUBLIN		
	DL	DUBLIN	1 days

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

Secondary 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: Number of seats
Actual Range: 1011 to 3812 (units:)
Range Selected by User: 545 to 3812 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 20/11/15

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	6 days

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

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

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

Selected Locations:

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

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

Selected Location Sub Categories:

Development Zone	1
Residential Zone	1
Retail Zone	1
High Street	1
No Sub Category	2

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

Secondary Filtering selection:

Use Class:

D2	6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	2 days
25,001 to 50,000	1 days

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

Population within 5 miles:

75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	3 days
1.1 to 1.5	2 days

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

Travel Plan:

No	6 days

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

PTAL Rating:

No PTAL Present	6 days

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

TRICS 7.3.4
Trip Rate Parameter: **Number of seats** **54**

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: VEHICLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0.002	0.1	2	1483	0.04	2.2	2	1483	0.042	2.3
01:00-02:00	2	1483	0.001	0.1	2	1483	0.019	1.0	2	1483	0.02	1.1
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0.016	0.9	4	2020	0.008	0.4	4	2020	0.024	1.3
11:00-12:00	5	2211	0.018	1.0	5	2211	0.01	0.5	5	2211	0.028	1.5
12:00-13:00	6	2011	0.019	1.0	6	2011	0.013	0.7	6	2011	0.032	1.7
13:00-14:00	6	2011	0.026	1.4	6	2011	0.021	1.1	6	2011	0.047	2.5
14:00-15:00	6	2011	0.017	0.9	6	2011	0.016	0.9	6	2011	0.033	1.8
15:00-16:00	6	2011	0.022	1.2	6	2011	0.018	1.0	6	2011	0.04	2.2
16:00-17:00	6	2011	0.025	1.4	6	2011	0.025	1.4	6	2011	0.05	2.7
17:00-18:00	6	2011	0.03	1.6	6	2011	0.023	1.2	6	2011	0.053	2.9
18:00-19:00	6	2011	0.048	2.6	6	2011	0.031	1.7	6	2011	0.079	4.3
19:00-20:00	6	2011	0.054	2.9	6	2011	0.034	1.8	6	2011	0.088	4.8
20:00-21:00	6	2011	0.027	1.5	6	2011	0.02	1.1	6	2011	0.047	2.5
21:00-22:00	6	2011	0.028	1.5	6	2011	0.045	2.4	6	2011	0.073	3.9
22:00-23:00	6	2011	0.012	0.6	6	2011	0.045	2.4	6	2011	0.057	3.1
23:00-24:00	5	2153	0.006	0.3	5	2153	0.027	1.5	5	2153	0.033	1.8
Daily Trip Rates:			0.351	19.0			0.395	21.3			0.746	40.3

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: TAXIS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0	0.0	4	2020	0	0.0	4	2020	0	0.0
11:00-12:00	5	2211	0	0.0	5	2211	0	0.0	5	2211	0	0.0
12:00-13:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
13:00-14:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
14:00-15:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
15:00-16:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
16:00-17:00	6	2011	0	0.0	6	2011	0.001	0.1	6	2011	0.001	0.1
17:00-18:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
18:00-19:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
19:00-20:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
20:00-21:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
21:00-22:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
22:00-23:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
23:00-24:00	5	2153	0.001	0.1	5	2153	0.001	0.1	5	2153	0.002	0.1
Daily Trip Rates:			0.007	0.4			0.008	0.4			0.015	0.8

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: OGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0	0.0	4	2020	0	0.0	4	2020	0	0.0
11:00-12:00	5	2211	0	0.0	5	2211	0	0.0	5	2211	0	0.0
12:00-13:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
13:00-14:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
14:00-15:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
15:00-16:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
16:00-17:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
17:00-18:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
18:00-19:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
19:00-20:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
20:00-21:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
21:00-22:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
22:00-23:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
23:00-24:00	5	2153	0	0.0	5	2153	0	0.0	5	2153	0	0.0
Daily Trip Rates:			0	0.0			0	0.0			0	0.0

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: PSVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0	0.0	4	2020	0	0.0	4	2020	0	0.0
11:00-12:00	5	2211	0	0.0	5	2211	0	0.0	5	2211	0	0.0
12:00-13:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
13:00-14:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
14:00-15:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
15:00-16:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
16:00-17:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
17:00-18:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
18:00-19:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
19:00-20:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
20:00-21:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
21:00-22:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
22:00-23:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
23:00-24:00	5	2153	0	0.0	5	2153	0	0.0	5	2153	0	0.0
Daily Trip Rates:			0	0.0			0	0.0			0	0.0

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: CYCLISTS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0	0.0	4	2020	0	0.0	4	2020	0	0.0
11:00-12:00	5	2211	0	0.0	5	2211	0	0.0	5	2211	0	0.0
12:00-13:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
13:00-14:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
14:00-15:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
15:00-16:00	6	2011	0.001	0.1	6	2011	0	0.0	6	2011	0.001	0.1
16:00-17:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
17:00-18:00	6	2011	0	0.0	6	2011	0.001	0.1	6	2011	0.001	0.1
18:00-19:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
19:00-20:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
20:00-21:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
21:00-22:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
22:00-23:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
23:00-24:00	5	2153	0	0.0	5	2153	0	0.0	5	2153	0	0.0
Daily Trip Rates:			0.001	0.1			0.001	0.1			0.002	0.1

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: CARS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0.002	0.1	2	1483	0.04	2.2	2	1483	0.042	2.3
01:00-02:00	2	1483	0.001	0.1	2	1483	0.019	1.0	2	1483	0.02	1.1
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0.014	0.8	4	2020	0.007	0.4	4	2020	0.021	1.1
11:00-12:00	5	2211	0.017	0.9	5	2211	0.008	0.4	5	2211	0.025	1.4
12:00-13:00	6	2011	0.017	0.9	6	2011	0.012	0.6	6	2011	0.029	1.6
13:00-14:00	6	2011	0.024	1.3	6	2011	0.019	1.0	6	2011	0.043	2.3
14:00-15:00	6	2011	0.015	0.8	6	2011	0.015	0.8	6	2011	0.03	1.6
15:00-16:00	6	2011	0.02	1.1	6	2011	0.016	0.9	6	2011	0.036	1.9
16:00-17:00	6	2011	0.023	1.2	6	2011	0.023	1.2	6	2011	0.046	2.5
17:00-18:00	6	2011	0.028	1.5	6	2011	0.022	1.2	6	2011	0.05	2.7
18:00-19:00	6	2011	0.047	2.5	6	2011	0.03	1.6	6	2011	0.077	4.2
19:00-20:00	6	2011	0.052	2.8	6	2011	0.033	1.8	6	2011	0.085	4.6
20:00-21:00	6	2011	0.026	1.4	6	2011	0.018	1.0	6	2011	0.044	2.4
21:00-22:00	6	2011	0.026	1.4	6	2011	0.043	2.3	6	2011	0.069	3.7
22:00-23:00	6	2011	0.011	0.6	6	2011	0.043	2.3	6	2011	0.054	2.9
23:00-24:00	5	2153	0.005	0.3	5	2153	0.026	1.4	5	2153	0.031	1.7
Daily Trip Rates:			0.328	17.7			0.374	20.2			0.702	37.9

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: LGVS

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0.001	0.1	4	2020	0.001	0.1	4	2020	0.002	0.1
11:00-12:00	5	2211	0.001	0.1	5	2211	0.001	0.1	5	2211	0.002	0.1
12:00-13:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
13:00-14:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
14:00-15:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
15:00-16:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
16:00-17:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
17:00-18:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
18:00-19:00	6	2011	0.001	0.1	6	2011	0	0.0	6	2011	0.001	0.1
19:00-20:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
20:00-21:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
21:00-22:00	6	2011	0.001	0.1	6	2011	0.001	0.1	6	2011	0.002	0.1
22:00-23:00	6	2011	0	0.0	6	2011	0.001	0.1	6	2011	0.001	0.1
23:00-24:00	5	2153	0	0.0	5	2153	0.001	0.1	5	2153	0.001	0.1
Daily Trip Rates:			0.012	0.6			0.013	0.7			0.025	1.4

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS
Calculation Factor: 1 SEATS
Count Type: MOTOR CYCLES

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate	No. Days	Ave. SEATS	Trip Rate	Estimated Trip Rate
00:00-01:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
01:00-02:00	2	1483	0	0.0	2	1483	0	0.0	2	1483	0	0.0
02:00-03:00												
03:00-04:00												
04:00-05:00												
05:00-06:00												
06:00-07:00												
07:00-08:00												
08:00-09:00												
09:00-10:00												
10:00-11:00	4	2020	0	0.0	4	2020	0	0.0	4	2020	0	0.0
11:00-12:00	5	2211	0	0.0	5	2211	0	0.0	5	2211	0	0.0
12:00-13:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
13:00-14:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
14:00-15:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
15:00-16:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
16:00-17:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
17:00-18:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
18:00-19:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
19:00-20:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
20:00-21:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
21:00-22:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
22:00-23:00	6	2011	0	0.0	6	2011	0	0.0	6	2011	0	0.0
23:00-24:00	5	2153	0	0.0	5	2153	0	0.0	5	2153	0	0.0
Daily Trip Rates:			0	0.0			0	0.0			0	0.0