

Transport Statement

254 Kilburn High Road

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Job Number: 22408

Date	Version	Notes / Amendments / Issue Purpose
March '15	1	Planning Issue

Executive Summary

- I. Price & Myers have been appointed by Artich Group Ltd to undertake a Transport Statement (TS) as part of the planning documents to be submitted for the redevelopment of 254 Kilburn High Road, located within the London Borough of Camden.
- II. This TS has been produced in consultation with Camden Council and demonstrates that the proposed development supports a number of national, regional and local policy objectives including encouraging sustainable transport amongst residents.
- III. The proposed development will provide a car-free mixed use scheme comprising of a 1,024m² Gross Floor Area of commercial units and 60 new residential properties.
- IV. The location of the site is within an urban area with a mixture of residential, commercial and retail building use nearby. The site is also currently occupied and used generally as a storage yard.
- V. There are good levels of accessibility to the site by sustainable modes including for pedestrians, cyclist and public transport.
- VI. Access to the development for residents, staff and visitors will be via Kilburn High Road. Servicing and emergency vehicle access will also be taken from the existing site access on Kilburn High Road.
- VII. The peak movements from the existing and proposed development have been estimated using the TRAVL database and information from the Neighbourhood Statistics Survey. The results of a parking and pedestrian survey show that parking stress is low at 10.8% on Kilburn High Road and 23.7% on all other roads surveyed. The entry/exit survey results showed that 60% of the site users access the site by walking, with the remainder using vehicles.
- VIII. The users and residents travel pattern is expected to be concentrated during morning and evening weekdays peak periods. These trips are expected to be made by sustainable modes of transport and can be accommodated within the existing local transport network provision.
- IX. Further improvements to the site and local area post construction is noted and contributions in forms of S.106 Agreement and CIL will be discussed agreed by the applicant and the Local Planning Authority.
- X. The conclusion of this report is that the proposal would not result in any adverse transport or parking impacts on the local road network and actions would be taken to encourage travel by sustainable modes.

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1 Introduction

- 1.1 This report presents the results of the Transport Statement (TS) undertaken in support of planning application for the redevelopment of 254 Kilburn High Road in the London Borough of Camden (LBC).
- 1.2 The TS will consider the impact the proposed development will have on the local transport network as well as considering the sustainability of the accessibility of the site for all modes of transport. This will include the prediction of traffic and movement activity associated with the proposed development.
- 1.3 The proposal is to redevelop the site to provide a mixed use scheme to offer:
 - 60 residential units,
 - Commercial units and storage
- 1.4 The site is bounded to the west by Kilburn High Road which is the main frontage of the site. To the east, the site is bounded by Kilburn Grange Park and is within an urban area of London. The northern and southern boundaries are formed at party walls with adjacent commercial and residential properties.
- 1.5 The site is currently occupied by a marble storage yard and has an associated building of 3/4 floors. The site is set to the north-east of Kilburn High Road.

Report Structure

- 1.6 The TS has been prepared following best practice and in accordance with *Guidance on Transport Assessment* (March 2007), provided by the Department for Transport (DfT) and Transport for London's (TfL) *Transport Assessment Best Practice Guidance Document* (April 2012). Following the pre-application advice from the officers at the London Borough of Camden (LBC) regarding the scope of supporting documents to support a planning application, the following sections of the report are set out as follows:
 - National and local policy documents are considered in section 2;
 - Section 3 examines the existing site conditions including the location, access and current usage;
 - The local highway network is considered in section 4, including highway conditions and provision for all modes;
 - Existing travel patterns and demand are set out in section 5;
 - Section 6 discusses the proposed development, its layout and operation;
 - Future travel patterns and demand created by the development are set out in section 7;
 - The potential impact of the changes identified in section 7 are then examined in section 8, including the effect on all modes, parking and servicing; and
 - The findings of the TS are summarised and conclusions drawn in section 9.

2 Policy Context

National Planning Policy Framework (NPPF), 2012

- 2.1 The overall intention of NPPF is to achieve sustainable development through effective and appropriate planning policy. In particular, section 4 of the framework seeks to promote sustainable transport in planning including locating developments in areas accessible by sustainable modes and encouraging the use of non-car modes of transport.

London Plan, Spatial Development Strategy for Greater London (2011)

- 2.2 The London Plan targets to integrate economic, environment, transport and social framework for the development of London over the next 20-25 years.
- 2.3 The transport aspects of the London Plan, relevant to the proposed development are discussed in policies 2 and 6 of the plan. This aims to encourage reduced need to travel by car while seeking to improve the capacity and accessibility of public transport, walking and cycling.

Camden Development Policies 2010 – 2025

- 2.4 The Local Policy is contained within the Camden Development Policies which aims to ensure that the Local Development Framework (LDF) is carried through. There are a number of LDF objectives relating to sustainable travel which the Core Strategy (CS) and Development Policy (DP) support.
- 2.5 Policy CS3, it states that the council will promote appropriate development in the highly accessible areas. The proposed site is within the highly accessible area of Kilburn High Road and these areas are suitable locations for the provision of homes, shops, and are particularly appropriate for uses that are likely to significantly increase the demand for travel, due to their accessible location.
- 2.6 Policy CS11 promotes sustainable and efficient travel and states that the council will continue to limit the amount of parking available for private cars and will seek car-free development in the most accessible parts of the borough. This addresses the issue of congestion and promotes sustainable transport choices. This policy necessitates developments to identify Camden's road hierarchy and certify that the development will not affect the running of the road network.
- 2.7 The transport implication of development policy (DP16) ensures that the development is properly integrated with the transport network and is supported by adequate walking, cycling and public transport links. The council will resist a development that fails to assess and address any needs for:
- a) *Movements to, from and within the site, including links to existing transport networks. The council expects proposals to make appropriate connections to highways and street spaces, in accordance with Camden's road hierarchy, and to public transport networks;*
 - b) *Additional transport capacity off-site (such as improved infrastructure and services) where existing or committed capacity cannot meet the additional need generated by the development. Where appropriate, the Council will expect proposals to provide information to indicate the likely impacts of the development and the steps that will be taken to mitigate those impacts, for example using transport assessments and travel plans;*

- c) *Safe pick-up, drop-off and waiting areas for taxis, private cars and coaches, where this activity is likely to be associated with the development.*
- 2.8 Policy DP16 seeks to help deliver the CS by ensuring that the transport implications of development are managed, and additional transport infrastructure is delivered where needed, in order to ensure that growth in the borough is integrated with existing places and transport networks, and does not generate excessive demands on transport infrastructure.
- 2.9 Policy DP17 outlines the necessity for the promotion of walking, cycling and public transport use. It states that the council will resist development that would be dependent on travel by private motor vehicles.
- 2.10 Policy DP18 states that the parking standards and limiting the availability of car parking is determined. The council will expect the development to be car-free in the Central London area and other areas within the Controlled Parking Zones that are easily accessible by public transport.
- 2.11 Appendix 2 of the Development Policy outlines the minimum car parking levels, cycle standards and servicing for the Borough of Camden.
- 2.12 Requirements for parking provision within mainly C3 Residential development (housing) are included in the Camden Development Policies. Due to the development site being in the controlled parking zone, as defined on the DP18 stated above. The parking requirements are most restrictive. Therefore the development proposals will promote sustainable travel amongst users which will be supported in this TS. The requirements are set out in the following table:

Vehicle	Parking Provision
Car / Van	Low parking provision areas: maximum of 0.5 spaces per dwelling. Rest of borough: maximum of 1 space per dwelling.
Disabled	Minimum one space per 20 units or part thereof, with dimensions suitable for the use by people with disabilities
Cycle	Residents – Minimum one storage or parking space per unit Visitors – from the threshold of 20 units, 1 space per 10 units or part thereof Staff – 1 space per 250m ² Gross Floor Areas

Table 2.1 – Vehicle and Cycle Parking Standards

3 Existing Site Conditions

Site Location & Layout

3.1 The proposed development is located on Kilburn High Road, London with the postcode of NW6 2BS. The site location is shown in Figure 3.1 below.

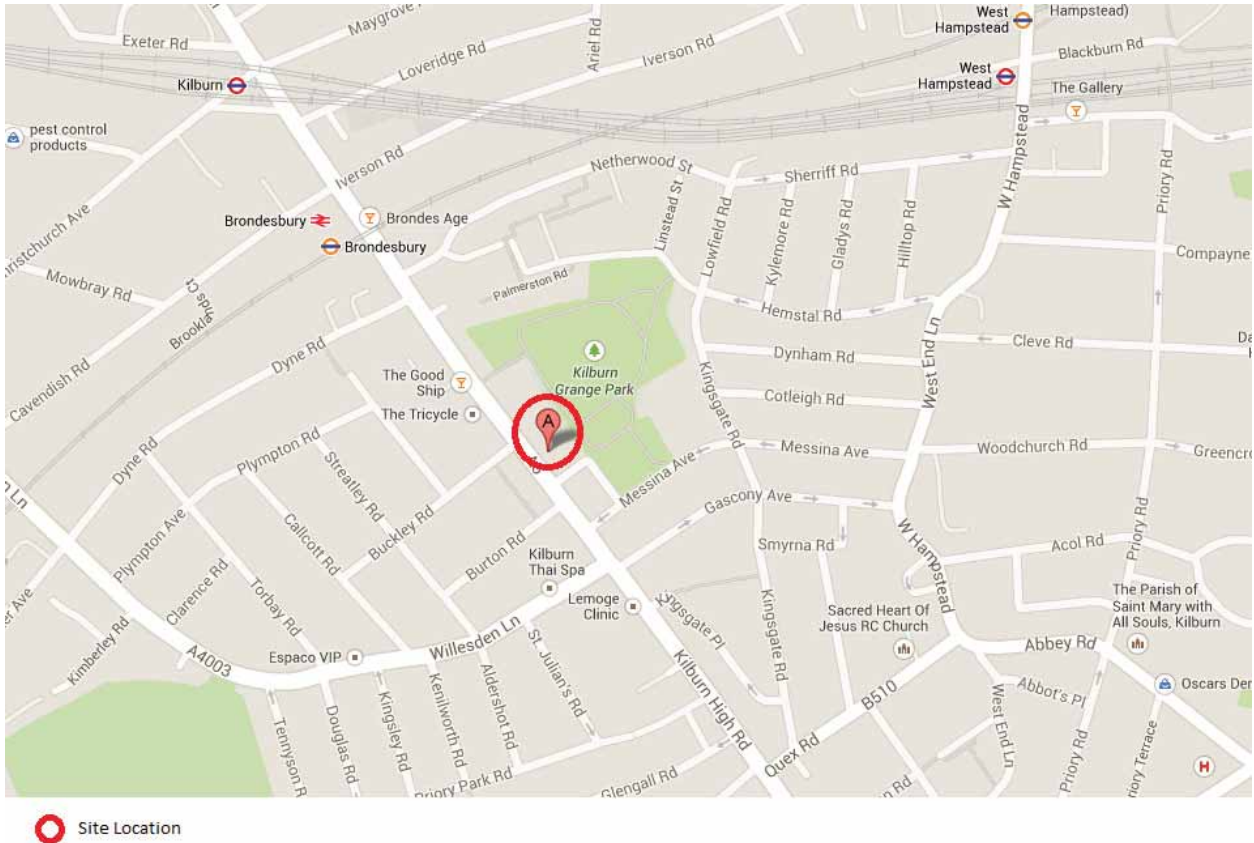


Figure 3.1 – Site Location Map

- 3.2 The site lies on a busy main road, a major transport artery into London from the north and northwest. The area surrounding the site mixes residential with small local shops and restaurants.
- 3.3 To the north and south of the site are four underground and overground stations. Kilburn, Brondesbury, Kilburn Park, are all within walking distances from the site providing quick service via London's Underground Jubilee line, Bakerloo line or London Overground.
- 3.4 The existing site is approximately 0.20 Ha, split into 4 distinct buildings. The site is currently being used as a marble storage yard with associated buildings.



Figure 3.2 – Existing Development

Access

- 3.5 Vehicles, pedestrians and cyclists currently enter and egress the site via Kilburn High Road. This access is offset from the nearby T-junction to Buckley Road, minimising the sites impact on turning traffic.
- 3.6 The vehicular access to the site is only wide enough for a single car/van to enter; there is a possibility of turning circle further in the site's forecourt areas. Tracking for vehicular access was carried out and the conclusion is that, access for large commercial vehicles is very limited. The existing access arrangements only allows a light goods vehicles i.e. Mercedes Sprinter Van to enter the site, turn around and come back out.
- 3.7 There is currently no access to or from Kilburn Grange Park.

Parking

- 3.8 There is currently limited car parking space on site (approximately 12 spaces).
- 3.9 There is a variety of parking available near the site, being permit holder, pay and display or metered bay.
- 3.10 A small number of designated pay and display permit holders and disabled parking bays are located on nearby streets close to the site.
- 3.11 The site location is within (CAK) Controlled Parking Zone (CPZ), which restricts parking to resident permit holders only. There is a pay and display type of parking available for limited car spaces. The pay and display bays are subject to maximum stay of 2 or 3 hours with restrictions applying from Monday to Friday between 08:30 and 18:30.
- 3.12 No cycle parking is currently located on site.

Summary

- 3.13 The street is predominantly residential with restaurants and commercial units at ground level in close proximity to the site. Kilburn High Road provides established pedestrian and vehicular access and egress routes.
- 3.14 There are a number of parking spaces available in close proximity to the site including permit holders, disabled car parking and pay and display car parking within a close walking distance.

4 Local Transport Network

Local Highway Network & Operation

- 4.1 Having to establish the potential impacts from the development we consider below the highway and public realm conditions in order to assess the capacity of the existing infrastructure to accommodate the proposed development and if necessary identify any requirements for enhancements to the network which are reasonable and related to the proposal.

Surrounding Transport Infrastructure

- 4.2 The roads surrounding the site are subject to 20mph and 30mph speed limits. In the immediate vicinity of the site are local distributor and minor residential roads. Kilburn high road is controlled by the local Highway Authority, the London Borough of Brent.
- 4.3 Kilburn High Road is a busy two-way single carriageway road. It is predominately a commercial and residential road which has very limited parking and waiting restrictions along most of its length between the hours on 08:30 am until 18:30 pm, Monday to Friday.
- 4.4 As shown in section 3, the site is located in the London Borough of Camden, to the east of Kilburn High Road (A5). A5 continues further north via Shoot-Up Hill and Cricklewood Broadway (A5) and joins onto the M1 at Junction 4. In the southbound direction, the road comes to an end at Marble Arch via Kilburn and Maida Vale (A5).
- 4.5 Buckley Road, Grangeway, Burton Road, Dyne Road and Palmerston Road are all residential roads that connect to Kilburn High Road via conventional priority junctions and are within the sites immediate vicinity.
- 4.6 Willesden Lane (A4003) is located approximately 800m south-west of the site and also offers a mix of residential and employment land use.
- 4.7 The rounds surrounding the site including Kilburn High Road generally provide wide footways on both sides of the road that are lit. The surrounding rounds are mostly subject to parking control in forms of CPZs.

Accessibility

Parking

- 4.8 In the vicinity of the site, on-street parking is available as stated in Section 3 of this report. Majority of the parking is restricted to residents holding parking permits. Figure 4.1 shows the locations and types of parking available nearby the site.

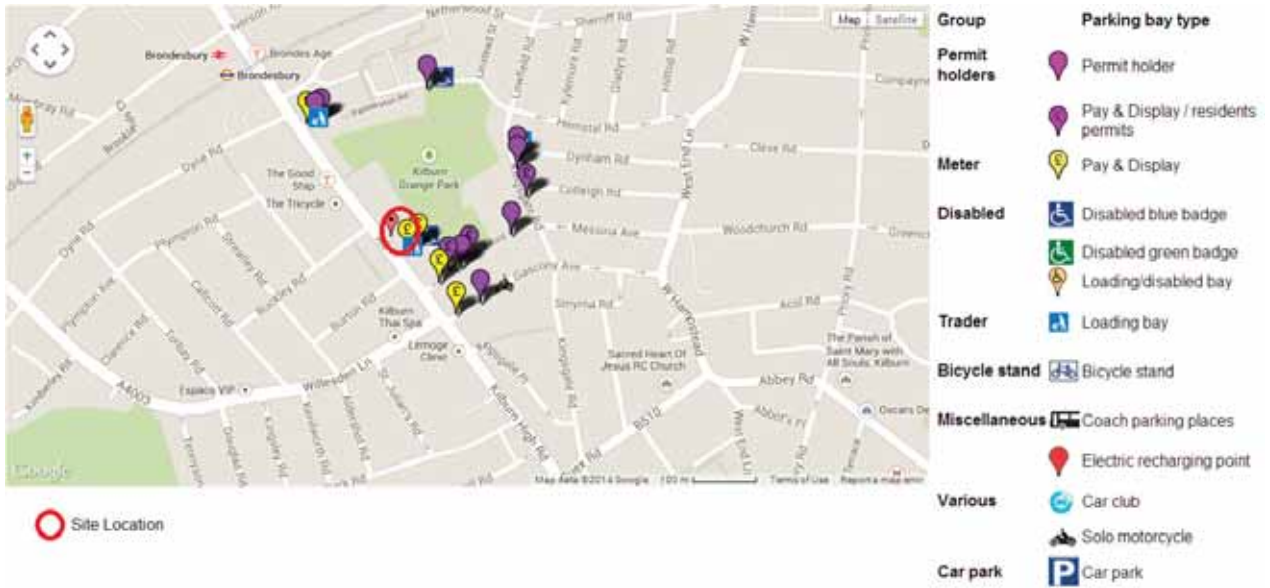


Figure 4.1 – Street Parking Locations

Pedestrian

4.9 The local area surrounding the proposed development site is highly permeable on foot. Footpaths are provided both ways on Kilburn High Road, Kilburn Grange Park and adjacent streets and are considered being of sufficient width, with adequate street lighting.

Cycle

4.10 The local area surrounding the proposed development is considered to be accessible by bicycle. Kilburn High Road, a single lane of general traffic in both ways has a single bus/cycle lane that runs towards central London during peak commuting hours.

4.11 A map of the cycle routes in close proximity to the site is shown below.

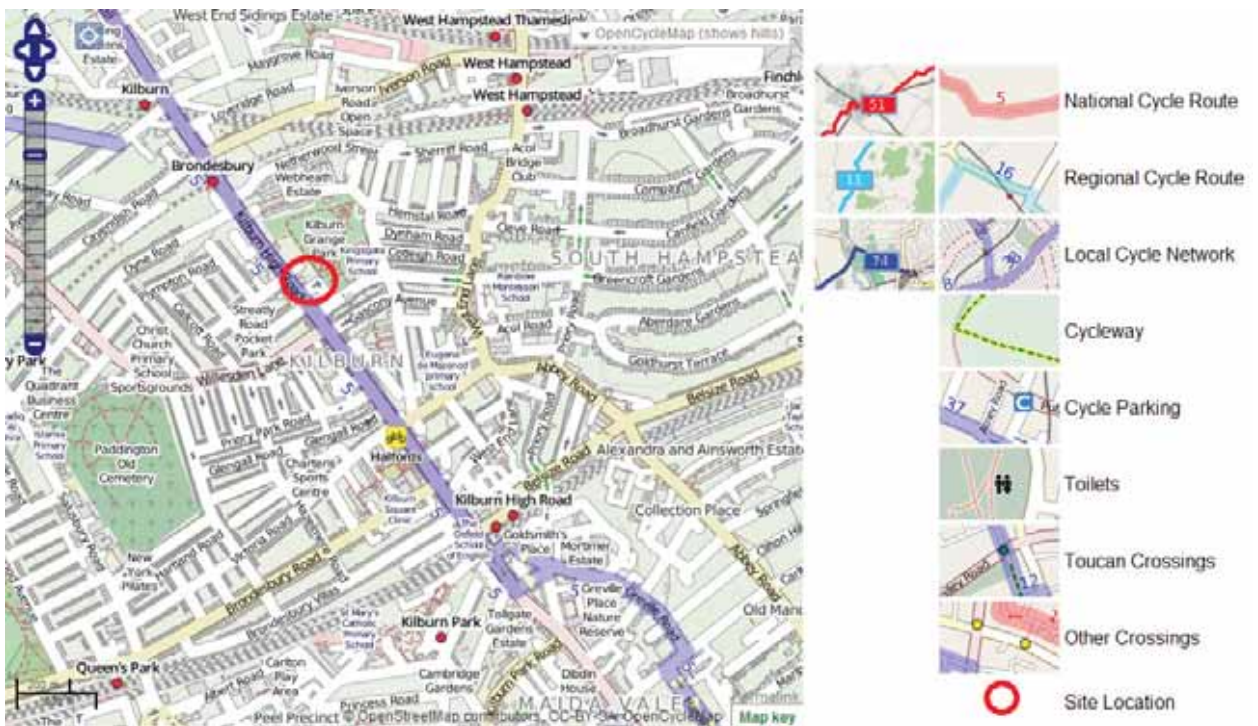


Figure 4.2 – Site Location Cycle Street Map

Cyclist & Pedestrian Incident Records

- 4.12 Accident data for the area immediately surrounding the proposed development site is available on-line from the *See Me Save Me* website for a ten-year period between 2000-2010. This map shows the number of accidents on the main roads surrounding the local area, particularly on A5 (Kilburn High Road). The map shows details of the serious and fatal accidents, also clarifying where HGVs were involved in each accident. The map shows that 25 serious accidents have happened in the local area which is surrounded by the aforementioned main roads. The nearest accident to the site has happened approximately 50m to the south-west of the site, where Kilburn High Road meets Buckley Road. This was a pedestrian accident that did not involve a HGV.
- 4.13 *CityBeast* website also provides a map of cyclist accidents in the local area. This map shows that most cyclist accidents in the area have happened on the minor roads. It shows one accident on Kilburn High Road and approximately 8 accidents within the wider local area.

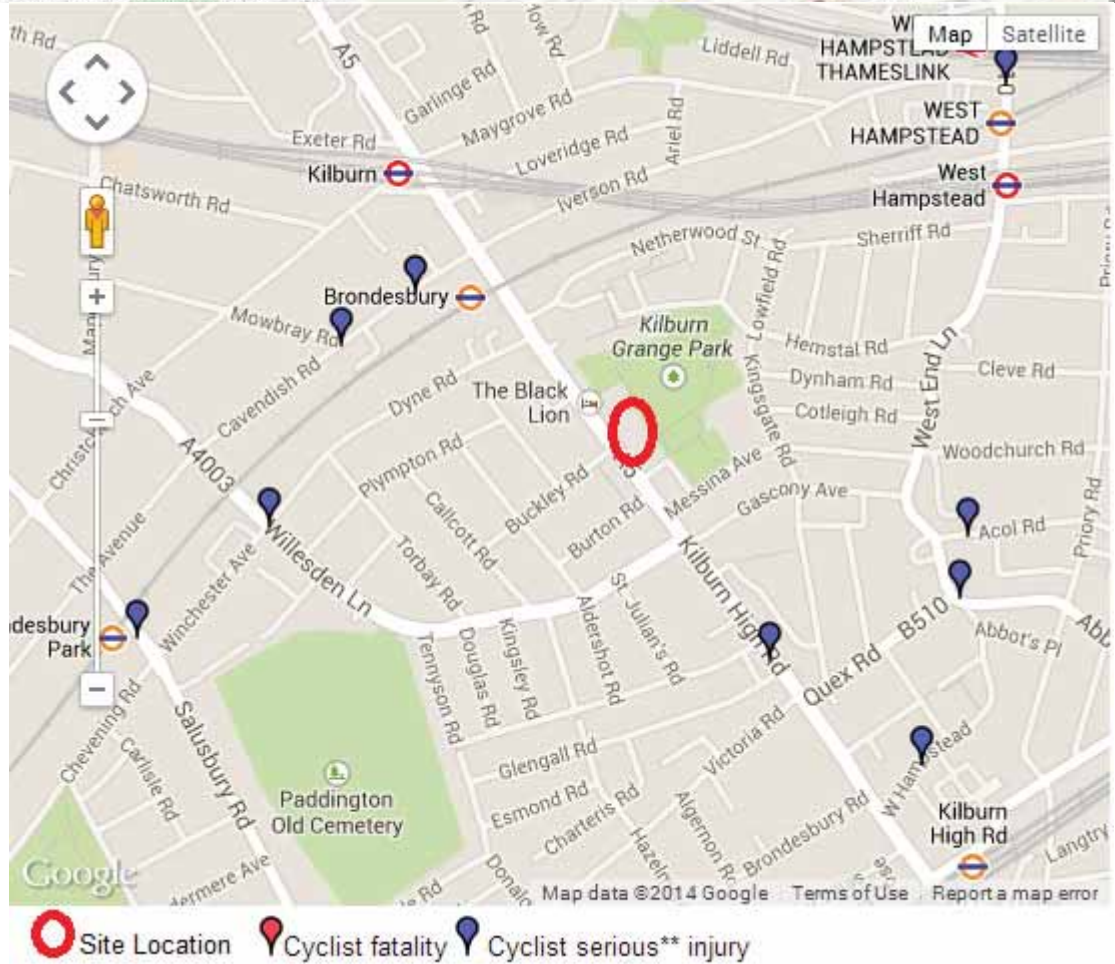


Figure 4.3 – Cyclist & Pedestrian Accident Maps

Public Transport

4.14 The site has a Public Transport Accessibility Level (PTAL) of 6a which indicates high accessibility as the site location is extremely well-served by a variety of public transport networks including bus, rail, underground and overground services. A further detail of the PTAL Study Report File is available in Appendix B.

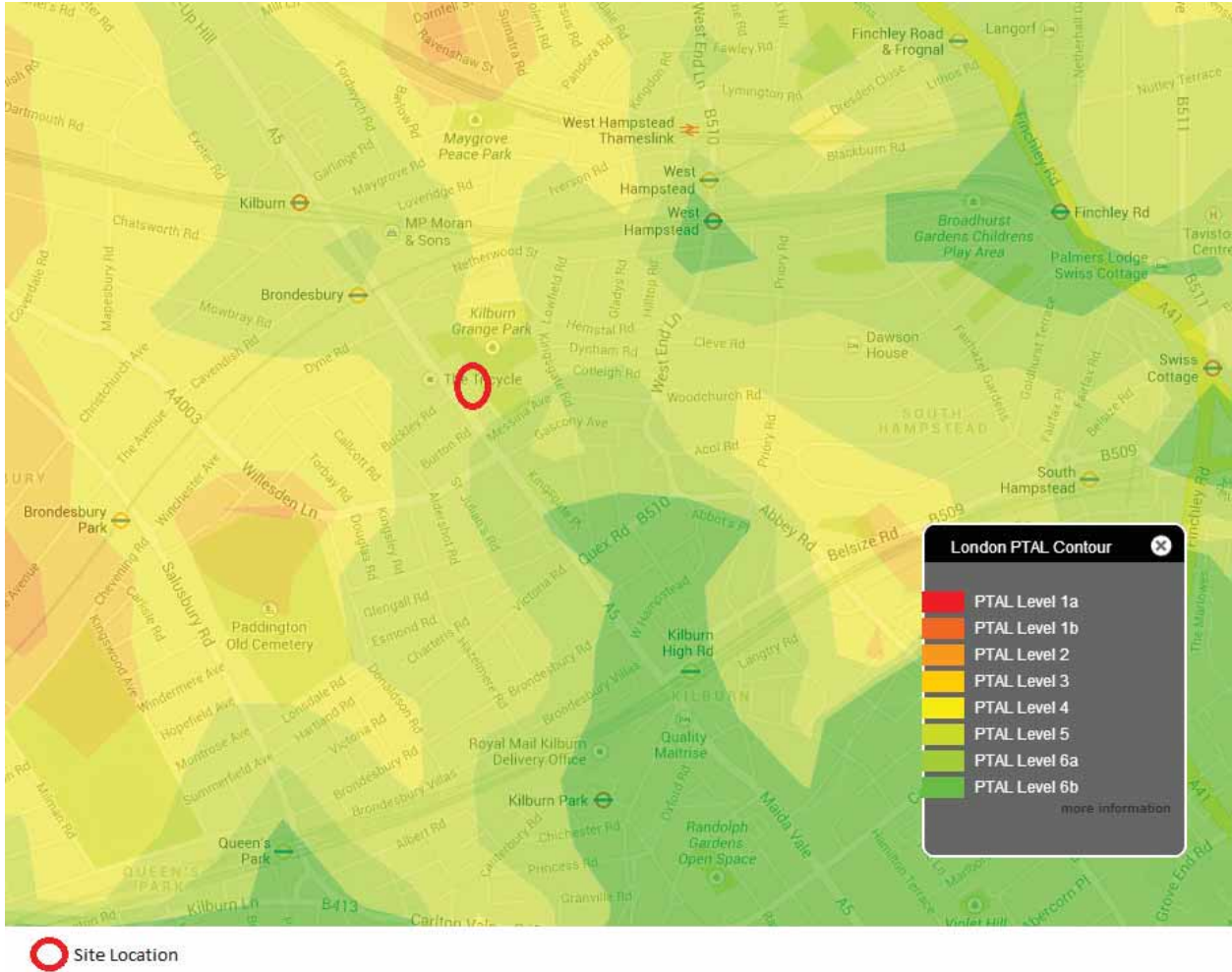


Figure 4.4 – PTAL scoring (2014)

Bus

- 4.15 There are eleven bus stops offering different services within a reasonable walking distance of the site. The nearest bus stop to the site is situated on Kilburn Market and is less than 1 minute walking time. The following table summarises the commuter bus routes serving the stops identified:

Route	Bus Stop	Origin / Destination	Weekday Peak Frequency
328	Kilburn Market (Bus stops M, N, P, Y)	Limerstone Street/Chelsea – Golders Green	9 per hour
316	Kilburn High Road, Buckley Road (Bus stops H, J, N, P, S, Y)	Cricklewood – White City	6 per hour
332	Kilburn High Road, Buckley Road (Bus stops H, J, N, P, S, W, X, KD, KE, KH, KJ)	Brent Park - Paddington	5 per hour
189*	Kilburn High Road, Buckley Road (Bus stop J)	Brent Cross – Oxford Circus/Red Lion Street	6 per hour
32	Kilburn High Road, Buckley Road (Bus stop J, P, S)	Edgware – Kilburn Park Station	7 per hour
16	Kilburn High Road, Buckley Road (Bus stops H, J, N, P, S, W, X, KD, KE, KH, KJ)	Cricklewood - Victoria	9 per hour
98	Willesden Lane, Kilburn High Road (Bus stops H, J, N, P, R, W, X, KD, KE, KH, KJ)	Holborn - Willesden	2 per hour

* 24 Hour Service

Table 4.1 – Bus Routes

Underground and Rail

- 4.16 There are several stations all within close proximity to the site and they all fall within Zone 2 of London's transport zones.
- 4.17 Regular service runs throughout the day, seven days a week providing quick services to key destination stations such as London Waterloo, Clapham Junction and Stratford.

Station	Transport Type	Distance (metres)	Approximate Walk time (mins)	Origin/Destination	Weekday Peak Frequency
Kilburn	Underground	540.67	7	Stratford - Stanmore	17 per hour
Kilburn	Overground	540.67	7	Willesden Green - Stratford	4 per hour
Kilburn	Overground	540.67	7	Stratford – Wembley Park	4 per hour
Kilburn High Road	Overground	824.44	11	London Euston – Watford Junction	3 per hour
Brondesbury	Overground	309.66	4	Richmond - Stratford	4 per hour
Brondesbury	Overground	309.66	4	Clapham Junction - Stratford	2 per hour

Table 4.2 – Rail and Underground routes

- 4.18 The stations noted above in Table 4.2 may be connected to by bus or road and provide regular train services linking to both local and intercity destinations. Details of bus and rail time tables are available in Appendices C and D.

Summary

- 4.19 The site is well serviced by an extensive local highway network, a highly permeable pedestrian network, a general cycling route and a well-established public transport network with several bus stops within reasonable walking distance of the site.
- 4.20 A review of the site's accessibility indicates that it is located within an accessible location; this is reflected by the high PTAL rating of the site.
- 4.21 There is very limited unrestricted/on-street parking in the vicinity of the site. The majority of the available parking in the immediate locality of the site is restricted to residents permit holders as the site lies within a CPZ.

5 Existing Travel Patterns

- 5.1 The existing development comprises 4 distinct buildings currently used for storage and distribution under land use class B1 for light industries. The sites existing GFA is approximately 1,470m² split with 357 m² used for office (B1a), 253m² used as light industrial (B1c) and 860m² used for storage and distribution (B8).
- 5.2 The existing traffic generation of the site has been determined from the Travel Rate for London (TRAVL) database. The full details of the TRAVL analysis are provided in Appendix E and summarised in the table below.

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	0.628	0.262	0.096	0.386
Pedestrian	0.209	0.523	0.096	1.639
Cyclist	-	-	0.096	0.386
Bus	-	-	-	-
Underground	-	-	-	-
Walk & Public Transport Users	-	-	-	-

Table 5.1 – Peak hour trip generation B1 – Industrial (per 100m²)

- 5.3 By applying the existing GFA of 1,470m² to the trips rates in Table 5.1 the traffic generated by the existing development can be determined as shown below in Table 5.2.

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	10	4	2	6
Pedestrian	3	8	2	24
Cyclist	-	-	2	6
Bus	-	-	-	-
Underground	-	-	-	-
Walk & Public Transport Users	-	-	-	-

Table 5.2 – Peak hour trip generation of the existing building (B1 – Industrial)

Traffic Survey

- 5.4 As part of the extant pre-planning application consultation, the LBC was referred to with regard to a reduced parking provision and advised that a parking and pedestrian survey has to be conducted to investigate any potential problems with parking overspill on the surrounding roads from the proposed development. Subsequent correspondence contained in Appendix G confirms that this approach is still considered to be suitable for use when considering the parking strategy for the site is a car-free approach.
- 5.5 To establish the level of parking stress in the streets surrounding the site, a parking survey was conducted overnight on 2 separate occasions. The first survey was carried out on Tuesday 25th March 2014 and the second on Wednesday 26th March 2014 (both between 01.00am-05.30am). The surveys were carried out in accordance with the Lambeth Parking Methodology for car parking surveys. The results of the surveys can be found in Appendix H.
- 5.6 The results indicate that there are 114 pay and display parking spaces available around the site area, of which only 24-27 spaces are occupied on a daily basis leading to a low parking stress of 21.1% - 23.7% on the sites immediate vicinity. Furthermore an additional study was undertaken to examine on street parking provision within 400 metres from the site. The survey data shows that the total number of varied parking spaces on surrounding roads is estimated to be 1766. The overall utilisation of parking spaces was 190 no. bays on Tuesday and Thursday during survey periods. Therefore the average parking stress Kilburn High Road and the roads surrounding the site is low at 10.8%.
- 5.7 A pedestrian survey was also conducted on 2 separate occasions to monitor the movements to and from the site; results of these surveys are available in Appendix H. The surveys were carried out on the 25th and 26th of March 2014 between 07.00 - 19.00.
- 5.8 The results of the entry/exit survey analysed the number of people entering and exiting the site on different modes of transport. On average a total of 65-72 enter and egress the site per day, majority (approximately 68%) of the access to site is by pedestrian mode and the remaining via vehicles such as cars and other goods vehicles (OGV1).

6 Development Proposals

Proposed Site Layout

- 6.1 The site is in linear form sloping downwards from northwest to the southeast with a service yard area, the majority of the site area is occupied with three multi-storey buildings and a single storey workshop. The proposal is to provide a mixed use development that will create 60 residential units and commercial properties with Gross Floor Areas of 1,024m² on the ground floor level. A layout plan for the proposed site can be found in Appendix A.
- 6.2 As part of the development the existing vehicular, pedestrian and servicing access to the site will be maintained via Kilburn High Road.
- 6.3 The scheme is proposed to be a car-free development with the exception of the 2 disabled parking spaces provide within the development. The provision of a car-free development is in line with the LBC policies.
- 6.4 Cycle parking for the development will be provided in accordance with both the LBC standards as set out within the policy DP18 of the Camden Development Policies, and TfL Cycle Parking Standards, which are contained in the London Plan.
- 6.5 A total of 85 cycle parking spaces will be provided within a secure cycle store at a ground floor level, in accordance with both LBC and TfL standards.

Servicing

- 6.6 Servicing for the proposed B1 light industrial commercial units will be carried out on site. It is considered that the number of service vehicle movements will be minimal and will be undertaken by transit type vans of similar size to those servicing the site at present.
- 6.7 It is envisaged that refuse and recycling collections for both residential and commercial uses will be carried out on site.

Construction Phase

- 6.8 A construction travel plan will be made available to detail all aspects of travel to the site during the construction programme including deliveries, personnel and visitors. The construction travel plan will advise the parking, cycling and public transport opportunities for travelling to the site during the construction phase.
- 6.9 During the construction phase the site will be open Monday to Friday 08:00 to 18:00 and Saturday mornings 08:00 to 13:00. In the occasions where work will be carried outside these hours, approval from the relevant parties will be consented.

Operation Phase

- 6.10 It is proposed that the commercial units would operate during normal office working hours, and perhaps - from 06:00 until 22:00 daily on occasion. Access outside of these times is also available.
- 6.11 Further details about the transport impacts and recommended mitigations for the proposed development are discussed in section 8.

7 Expected Travel Patterns

Site Usage

7.1 The new development will provide comprehensive accommodation and support facilities, including a commercial properties.

Arrival & Departure Profile

7.2 It is proposed that the development will accommodate approximately 1,024m² of commercial floor space and 60 residential units. The development will be mixed use, so to provide a robust assessment of the traffic to be generated by site over the whole area. The site was categorised as C3 residential and B1 light industry to generate the worst case scenario volume of trips.

7.3 The multi-modal peak hour weekday trip generating potential of the development has been estimated using trip rates from the TRAVL database version 8.19. This is in line with other similar residential development studies.

7.4 The selection criteria for the TRAVL based trip rates is as follows:-

- i) C3 Residential and B1 Light Industries land use;
- ii) Comparator sites with between 1 and 100 dwellings;
- iii) 1 and 4000m² of commercial floor space
- iv) Weekday surveys used only

7.5 The TRAVL printout reports are contained in Appendix E.

7.6 Summarised in the table below, is the TRAVL data for C3 residential use along with the predicted resultant level of multi-modal trips from the scheme:

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	0.005	0.081	0.063	0.045
Pedestrian	0.054	0.329	0.234	0.198
Cyclist	0.018	0.014	0.000	0.000
Bus	0.005	0.059	0.023	0.000
Underground	0.005	0.023	-	-
Walk & Public Transport Users	0.126	0.140	0.108	0.099

Table 7.1 – Peak hour trip rates for C3 proposed residential units (per 1 dwelling)

7.7 The trips in Table 7.1 have been applied to 60 residential units of the proposed development. The resultant predicted traffic generation is set out in Table 7.2.

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	0	5	4	3
Pedestrian	3	20	14	12
Cyclist	1	1	0	0
Bus	0	4	1	0
Underground	0	2	-	-
Walk & Public Transport Users	8	9	7	6

Table 7.2 – Peak hour trip generation for proposed residential development (C3 – Residential)

7.8 The TRAVL database was again interrogated for the site. The B1 – Light industry use class was chosen as this land use provided the worst case scenario for volume of trip rates in comparison to other land uses i.e. B8 (storage and distribution); the details of which are attached at Appendix E and summarised in Table 7.3 below.

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	1.102	0.889	0.535	0.489
Pedestrian	0.077	0.039	0.047	0.465
Cyclist	-	-	0.023	0.093
Bus	0.000	0.019	-	-
Underground	-	-	-	-
Walk & Public Transport Users	-	-	-	-

Table 7.3 – Peak hour trip rates for B1 proposed commercial units (per 100m²)

- 7.9 By applying the proposed floor area of 1,024m² to the trip rates in Table 7.3 the traffic attraction potential of the existing development can be determined as shown in Table 7.4 below

Mode	AM Peak (08:00-09:00)		PM Peak (17:00-18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicle	11	9	6	5
Pedestrian	1	0	1	5
Cyclist	-	-	0	1
Bus	0	0	-	-
Underground	-	-	-	-
Walk & Public Transport Users	-	-	-	-

Table 7.4 – Peak hour trip generation for proposed commercial units (B1 – Light Industry)

Net Traffic Generated

- 7.10 The table below summarises the traffic attraction potential of all the land use for the existing and proposed development. The total at the bottom of the table shows the net gain in traffic attraction of the proposed scheme to redevelop the site, which is calculated by subtracting the existing traffic attraction potential of the site from the proposed traffic attraction potential of the redevelopment site.

	08:00 – 09:00	08:00 – 09:00	17:00 – 18:00	17:00 – 18:00
	Arrivals Existing/Proposed	Departures Existing/Proposed	Arrivals Existing/Proposed	Departures Existing/Proposed
Vehicle	+1	+10	+8	+2
Pedestrian	+1	+12	+13	-7
Cyclist	+1	+1	-2	-5
Bus	0	+4	+1	+1
Underground	0	+2	0	0
Walk & Public Transport Users	+8	+9	+7	+6
Net	+11	+40	+28	-3

Table 7.5 – Summary of traffic attraction potential for existing vs. proposed development

- 7.11 Table 7.5 shows that during the morning and evening peak hour, the proposed development is predicted to increase the numbers of cyclist, public transport and pedestrian trips.
- 7.12 Adequate details of the previous public transport usage for the site were not sufficient in the TRAVL study. It is very likely that a proportion of the employees were using public transport to commute to work as there are only limited car parking on site, so this can lead to an over estimate on impacts arising for increased public transport usage.
- 7.13 It is thought from the study that vehicular trips rates will be increase, however since the proposal is for a car-free scheme, these trip rates will be significantly reduced.
- 7.14 Table 7.5 demonstrates that a significant number of pedestrians will walk to or from the site during the peak hours as a consequence of development. As noted above in Tables 5.1 and 7.1 the TRAVL data did not have specific records of public transport use for the study.
- 7.15 It is therefore thought that the proposed site will generate greater traffic trip rates than the previous development but this will be fixated during the peak travel hours.

Census Data 2011

- 7.16 In order to provide some clarity on the calculated trip generation above, the Neighbourhood Statistics Survey from the Census Data (2011) was used to identify what proportion of people travel during peak hours by car, public transport, walking or cycling. The data highlighted the trip generation of modal share within the area containing the proposed development. The results are as follows:

Modes of Travel	Statistical Output Area (average daily trip generated)
Underground	76
Train	14
Bus	42
Motorcycle, Scooter or Moped	3
Car or Van	16
Bicycle	11
Walking	17
Other Method of Travel	2

Table 7.6 - Neighbourhood Statistics Survey Summary Data (Source: Office for National Statistics, 2014)

- 7.17 It can be seen from Table 7.6 that only 16 trips are generated through driving, the majority of trips generated during peak hours are by public transport followed by walking. These are the average trips generated for the area where the proposed development is located (output areas selected: E00004613 and E00004614).
- 7.18 It is thought that the proposed development will generate traffic trip rates that are more or less similar to the Neighbourhood Statistics survey. Comparing this to the TRAVL output, it

can be assessed that there will be an increase in movements during peak hours due to the development by approximately:

Modes of Travel	Increase in trips generated to the Output Area Survey Statistics for the local area where the site is located
Vehicle	56%
Pedestrian	47%
Cyclist	0.2%
Bus	0.1%
Underground	0.01%
Walk & Public Transport Users	0.1%

Table 7.7 – Changes in trips generated by Local Output Areas

- 7.19 The greatest increase it thought to be in the number of people driving in the area due to the development but this is not a true depiction of the future travel patterns as the development will be secured as a car-free development. So, this increase can be neglected and anticipated to be minimal.
- 7.20 Pedestrian movements is expected to increase by 47%, this is foreseen as the majority of residents and development's users will be walking to or from the development; continuing their commute/journeys by connecting to a variety of public transport links.
- 7.21 Since the data provided by the TRAVL database was not adequate to provide a good comparison due to the lack of information about cycling and public transport use. It can be said that the TRAVL study is insufficient to provide a realistic analysis but it can be used as a guide alongside other studies i.e. Neighbourhood Statistics to give an improved assessment of the potential trip generation of the proposed development.

Summary

- 7.22 The proposed development will accommodate 60 new flats and a commercial ground floor space (1,024m² GFA). The likely traffic to be generated by C3 residential and B1 commercial units over the whole area has been assessed using the TRAVL database and the Neighbourhood Statistics Survey.
- 7.23 Access by public transport was recorded by the TRAVL database. As the site is well serviced by public transport, it is expected that a high percentage of trips made to and from the site will be via combination of walking and public transport.

8 Transport Impact

Local Highway Network

- 8.1 Trip generation calculations showed that the proposed development may increase the vehicular movements to and from the site. However, the number of vehicular trips that will be generated on the local roads will be negligible and therefore will have no impact.
- 8.2 Residents' trips are likely to be primarily over the morning and evening during peak hours on weekdays. Trips made during the weekends are likely to be more sporadic throughout the day.
- 8.3 As the proposals represent an intensification of use of the site a Section 106 contribution will be sought towards improvements to pedestrian, cycle and public realm facilities in the vicinity of the site. S106 Agreement contributions will be agreed by the Local Planning Authority and developer.

Vehicle Parking

- 8.4 As part of the proposals, no parking spaces will be provided except 2 disable parking bays, this is in line with DP18, the development will be secured as a car-free/car capped by means of Section 106 Agreement. The S106 will prevent residents from being able to obtain on-street parking permit from the Local Authority.
- 8.5 Furthermore a car-free policy will discourage the use of vehicles/cars and promote the use of more sustainable modes of transport.

Servicing & Emergency Vehicle Access

- 8.6 Emergency Vehicles and Servicing/Refuse vehicles will access the site by the existing site entrance from Kilburn High Road. Details and tracking for the proposed access road can be found in Appendix F.
- 8.7 Refuse and recycling will be collected in line with Camden Council refuse collection arrangements.

Pedestrian Access

- 8.8 Pedestrian access will be taken from Kilburn High Road via an existing entrance from the road. A single main entrance to the site is proposed to improve security and avoid confusion
- 8.9 It is expected that the development will increase pedestrian movement on local footways; however there are existing good footway networks in the local area capable to serve the proposed developments users.

Cycle Access

- 8.10 Cycle access will also be taken from Kilburn High Road. Cycle stands providing parking for residents and visitors will be located in a covered area adjacent to the central courtyard. Entrance to the central courtyard will be controlled providing secure bicycle parking facilities.
- 8.11 It is expected that the site will increase cyclists' movement. However, the additional trips that the proposed development will generate are negligible as there is an existing local cycle network. Access to the site from the local cycle network is not proposed to be changed within the scheme.

- 8.12 As discussed in section 4, cyclist access to the site is well served within the local transport network. Kilburn High Road has a formal on-road cycle route, with advisory cycle lanes in both directions. This route runs past the site entrance.
- 8.13 Following the cycle parking guidance laid out in section 2, the development proposals includes provision of sheltered cycle parking with capacity to store 85 bicycles.
- 8.14 The location of the cycle parking facility is in line with planning policy in that it is situated in an easily accessible and safe area close to the building entrance. Should future facilities be required at differing locations in addition to that proposed, consideration should also be given to their accessibility.

Public Transport Access

- 8.15 There are good bus and rail links to the site and current service levels would be expected to cope with any future increase in demand generated by any modal shift towards sustainable travel.

Future Improvements

- 8.16 In addition to the existing situation, it is important to consider the potential for any proposals for the future improvement of the current infrastructure in close proximity to the site.
- 8.17 It has been noted by LBC that the applicant site will have to provide mitigation measures towards the existing network especially post construction of the development. The mitigation measures will be provided towards improving any roads and pavements that may have been damaged during demolition and construction.
- 8.18 The applicant is willing to commit to a Section 106 Agreement (S.106) in order to secure the proposed development as car-free. This will prevent future occupants from being able to obtain on-street parking permits from the council.
- 8.19 The proposals will also be subject to a Community Infrastructure Levy (CIL) obligation which will improve the public realm on Kilburn High Road and its immediate surrounds. This will assist with the delivery of the Mayor of London's Transport Plan. The contribution will go towards funding of Crossrail, improving pedestrian and cycling links and ensure the surrounding public realms are well connected. The contribution will be agreed by the applicant and the Local Planning Authority.

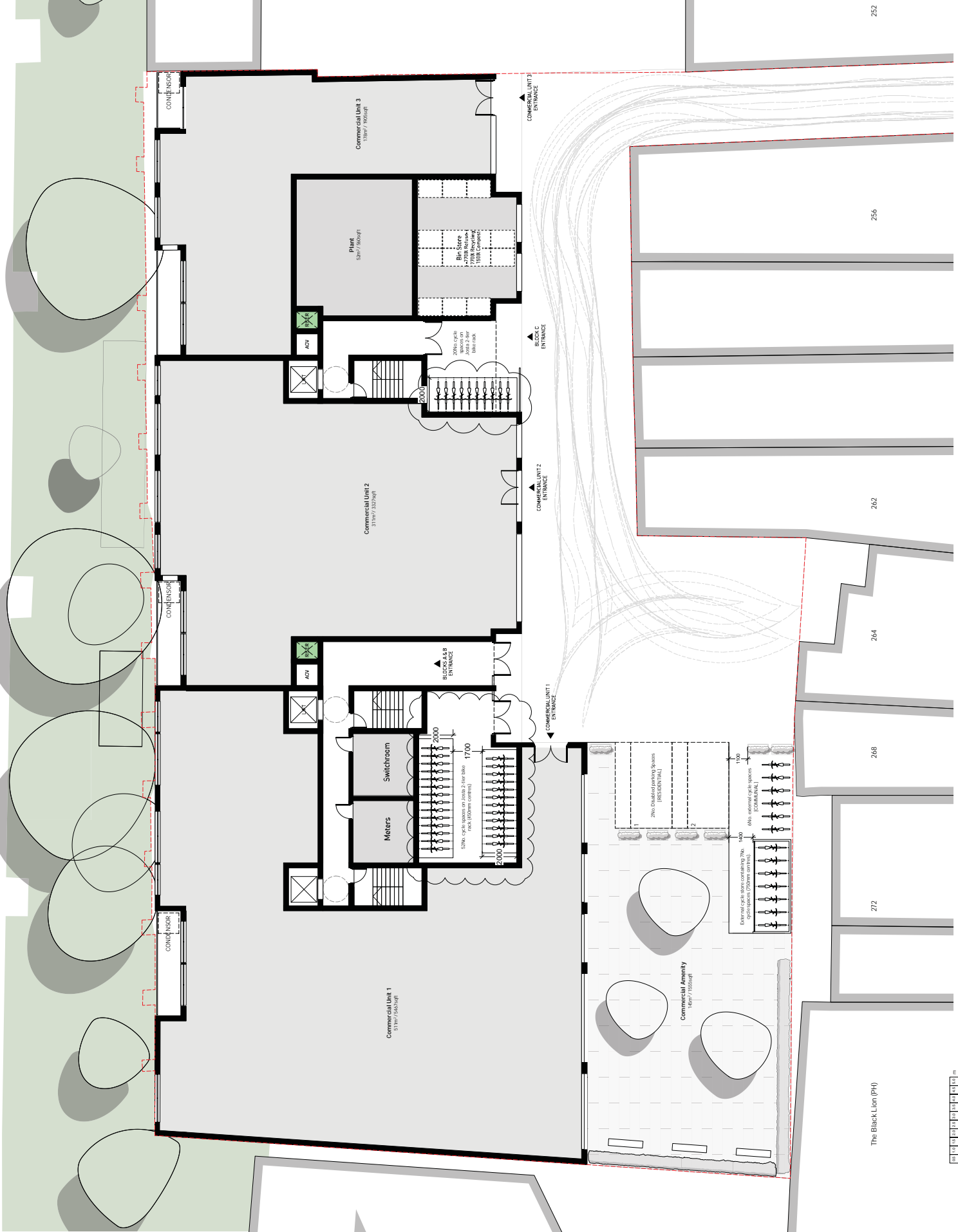
Summary

- 8.20 It is expected that the proposed development will increase the number of multi-modal trips. There is an excellent public transport network capable of serving the new developments users.
- 8.21 The arrival and departure of residents is expected to be during peak hours. The existing public transport service will be able to cope with this nominal increase discouraging the use of vehicles, resulting in a sustainable mode of transport which is not expected to have a detrimental effect on the safety record of the local highway network.

9 Conclusions

- 9.1 This report presents the results of the TS undertaken in support of a planning application to provide a mixed use development of 60 residential units and ground floor commercial properties on the located off Kilburn High Road, London. It considers the impact the proposed development will have on the local transport network as well as considering the sustainability of the accessibility of the site for all modes of travel.
- 9.2 In accordance with LBC and the LDF policies, it is proposed that the development will be car-free and no on-site car parking will be available to residents except the minimum required disabled parking spaces provided within the site.
- 9.3 Currently the site is occupied by 4 distinct buildings and a yard and is mainly used as marble storage and distribution area. There is no information currently available on other previous occupants.
- 9.4 The local area is a mix of residential properties with local shops and restaurants.
- 9.5 The site is recognised with a PTAL rating of 6a which means that accessibility to the site by public transport is very good.
- 9.6 The scheme proposed is for a car-free development which is in line with local policy DP28. The development will be secured car-free by means of a S.106 Agreement to be agreed by the applicant and Local Planning Authority.
- 9.7 The multi-modal peak hour weekday trip generating potential of the development has been estimated using the TRAVL database. Due to the nature of the proposed development, the arrival and departure of residents is likely to be predominantly during the morning and evening weekday peak times.
- 9.8 It is expected that the number of pedestrians, cyclists and public transport users will increase; however, this rise will be accommodated and will not have an effect on the local transport network.
- 9.9 The result of this, the TS indicates that the development can be implemented in a sustainable manner, in line with local government policy and within the existing transport network in the vicinity of the site.

APPENDIX A – Development Scheme Layout



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FOR: **Aitch Group**

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REV	DATE	NOTES
A	01/12/14	Cycle stores / parking / amenity space

PROJECT	254 Kilburn High Road
TITLE	Ground Floor Plan
STATUS	PLANNING
DRAWN	AB
CHECKED	JW
DATE	01/12/14
SCALE	1:100
DRAWING NO.	12066 GA.00
PROJECT NO.	PH004
PROJECT	A

252

256

262

264

268

272

The Black Lion (PH)

0m 3m 6m 9m 12m 15m

APPENDIX B – PTAL Study Report File

PTAI Study Report File Details

Date 14/01/2014 11:20

Day of week M-F

Time period AM peak

Walk speed 4.8 kph

Walk file PLSQLTest

POI Name: 524982, 184247

Bus Services

Reliability factor for this mode is 2

Maximum walk time for this mode is 8 minutes

Maximum walk distance for this mode is 640.0 metres

Stop WEST END LN MESSINA AVE

Walk time to stop from POI is 6.87 minutes

Walk distance to stop from POI is 549.81 metres

Route 139 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 139 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 139 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes

Route 139 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes

Route 328 Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route 328 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 328 Direction BACK Frequency 6.0 giving AWT of 5.0 minutes

Route 328 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

Stop KILBURN LUL STATION

Walk time to stop from POI is 7.62 minutes

Walk distance to stop from POI is 609.93 metres

Route 316 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes

Route 332 Direction OUT Frequency 5.5 giving AWT of 5.45 minutes

Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes

Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes

Route 32 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 16 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Stop KILBURN MARKET

Walk time to stop from POI is 6.86 minutes

Walk distance to stop from POI is 548.56 metres

Route 316 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 316 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 98 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes
Route 98 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
Route 332 Direction OUT Frequency 5.5 giving AWT of 5.45 minutes
Route 332 Direction BACK Frequency 5.5 giving AWT of 5.45 minutes
Route 32 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
Route 32 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 16 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
Route 16 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
Route 328 Direction OUT Frequency 6.0 giving AWT of 5.0 minutes
Route 328 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Stop KILBURN H R WILLESSEN LN

Walk time to stop from POI is 4.3 minutes

Walk distance to stop from POI is 344.15 metres

Route 316 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 316 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 98 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes
Route 98 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
Route 332 Direction OUT Frequency 5.5 giving AWT of 5.45 minutes
Route 332 Direction BACK Frequency 5.5 giving AWT of 5.45 minutes
Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 32 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 32 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
Route 16 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
Route 16 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Stop KILBURN H RD BUCKLEY RD

Walk time to stop from POI is 0.09 minutes

Walk distance to stop from POI is 6.8 metres

Route 316 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 316 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 332 Direction BACK Frequency 5.5 giving AWT of 5.45 minutes
Route 332 Direction OUT Frequency 5.5 giving AWT of 5.45 minutes
Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 32 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
Route 32 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
Route 16 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
Route 16 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

Stop BRONDESBURY STATION

Walk time to stop from POI is 3.77 minutes

Walk distance to stop from POI is 301.35 metres

Route 316 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
Route 316 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes

Route 332 Direction BACK Frequency 5.5 giving AWT of 5.45 minutes
 Route 332 Direction OUT Frequency 5.5 giving AWT of 5.45 minutes
 Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
 Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
 Route 32 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
 Route 32 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 16 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
 Route 16 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
 Stop QUEX RD KILBURN HIGH RD
 Walk time to stop from POI is 6.9 minutes
 Walk distance to stop from POI is 552.21 metres
 Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
 Route 189 Direction OUT Frequency 6.5 giving AWT of 4.62 minutes
 Stop WILLESDEN L KILBURN H RD
 Walk time to stop from POI is 2.85 minutes
 Walk distance to stop from POI is 228.2 metres
 Route 98 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
 Stop WILLESDEN LA CALCOTT RD
 Walk time to stop from POI is 5.19 minutes
 Walk distance to stop from POI is 414.98 metres
 Route 98 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
 Route 98 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes
 Stop WILLESDEN LA DYNE RD
 Walk time to stop from POI is 7.66 minutes
 Walk distance to stop from POI is 612.51 metres
 Route 98 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
 Route 98 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes
 Stop KILBURN LUL STATION
 Walk time to stop from POI is 5.37 minutes
 Walk distance to stop from POI is 429.82 metres
 Route 316 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 332 Direction BACK Frequency 5.5 giving AWT of 5.45 minutes
 Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 189 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 32 Direction BACK Frequency 6.5 giving AWT of 4.62 minutes
 Route 16 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

TATs for this mode

Route 139 Stop WEST END LN MESSINA AVE TAT 12.87 minutes EDF 2.33
 Route 328 Stop KILBURN MARKET TAT 12.19 minutes EDF 2.46
 Route 316 Stop KILBURN H RD BUCKLEY RD TAT 6.7 minutes EDF 4.48
 Route 332 Stop KILBURN H RD BUCKLEY RD TAT 7.54 minutes EDF 3.98
 Route 189 Stop KILBURN H RD BUCKLEY RD TAT 6.7 minutes EDF 4.48
 Route 32 Stop KILBURN H RD BUCKLEY RD TAT 6.09 minutes EDF 4.93
 Route 16 Stop KILBURN H RD BUCKLEY RD TAT 5.42 minutes EDF 5.54
 Route 98 Stop WILLESDEN L KILBURN H RD TAT 7.85 minutes EDF 3.82

Best EDF is 5.54
Half of all other EDFs is 13.24

AI for this mode is 18.77

Underground Services

Reliability factor for this mode is .75
Maximum walk time for this mode is 12 minutes
Maximum walk distance for this mode is 960.0 metres

Stop Kilburn

Walk time to stop from POI is 6.76 minutes

Walk distance to stop from POI is 540.67 metres

Route Jubilee Line Stratford to Stanmore Direction N/B Frequency 17.8 giving AWT of 1.69 minutes

Route Jubilee Line Willesden Green to Stratford Direction S/B Frequency 4.4 giving AWT of 6.82 minutes

Route Jubilee Line Stanmore to Stratford Direction S/B Frequency 17.8 giving AWT of 1.69 minutes

Route Jubilee Line Stratford to Wembley Park Direction N/B Frequency 4.4 giving AWT of 6.82 minutes

Route Jubilee Line Stratford to Willesden Green Direction N/B Frequency 4.4 giving AWT of 6.82 minutes

Route Jubilee Line Wembley Park to Stratford Direction S/B Frequency 4.4 giving AWT of 6.82 minutes

TATs for this mode

Route Jubilee Line Stratford to Stanmore Stop Kilburn TAT 9.19 minutes EDF 3.26

Route Jubilee Line Willesden Green to Stratford Stop Kilburn TAT 14.33 minutes EDF 2.09

Route Jubilee Line Stratford to Wembley Park Stop Kilburn TAT 14.33 minutes EDF 2.09

Best EDF is 3.26
Half of all other EDFs is 2.09

AI for this mode is 5.36

Rail Services

Reliability factor for this mode is .75
Maximum walk time for this mode is 12 minutes
Maximum walk distance for this mode is 960.0 metres

Stop KILBURN HIGH ROAD BR

Walk time to stop from POI is 10.31 minutes

Walk distance to stop from POI is 824.44 metres

Route LONDON EUSTON BR to WATFORD JUNCTION Direction T50-T31 Frequency 3.0 giving AWT of 10.0 minutes
Stop BRONDESBURY

Walk time to stop from POI is 3.87 minutes

Walk distance to stop from POI is 309.66 metres

Route CLAPHAM JUNCTION to STRATFORD Direction T528-T750 Frequency 2.0 giving AWT of 15.0 minutes

Route RICHMOND to STRATFORD Direction T504-T750 Frequency 4.0 giving AWT of 7.5 minutes

TATs for this mode

Route LONDON EUSTON BR to WATFORD JUNCTION Stop KILBURN HIGH ROAD BR TAT 21.06 minutes EDF 1.42

Route CLAPHAM JUNCTION to STRATFORD Stop BRONDESBURY TAT 19.62 minutes EDF 1.53

Route RICHMOND to STRATFORD Stop BRONDESBURY TAT 12.12 minutes EDF 2.48

Best EDF is 2.48

Half of all other EDFs is 1.48

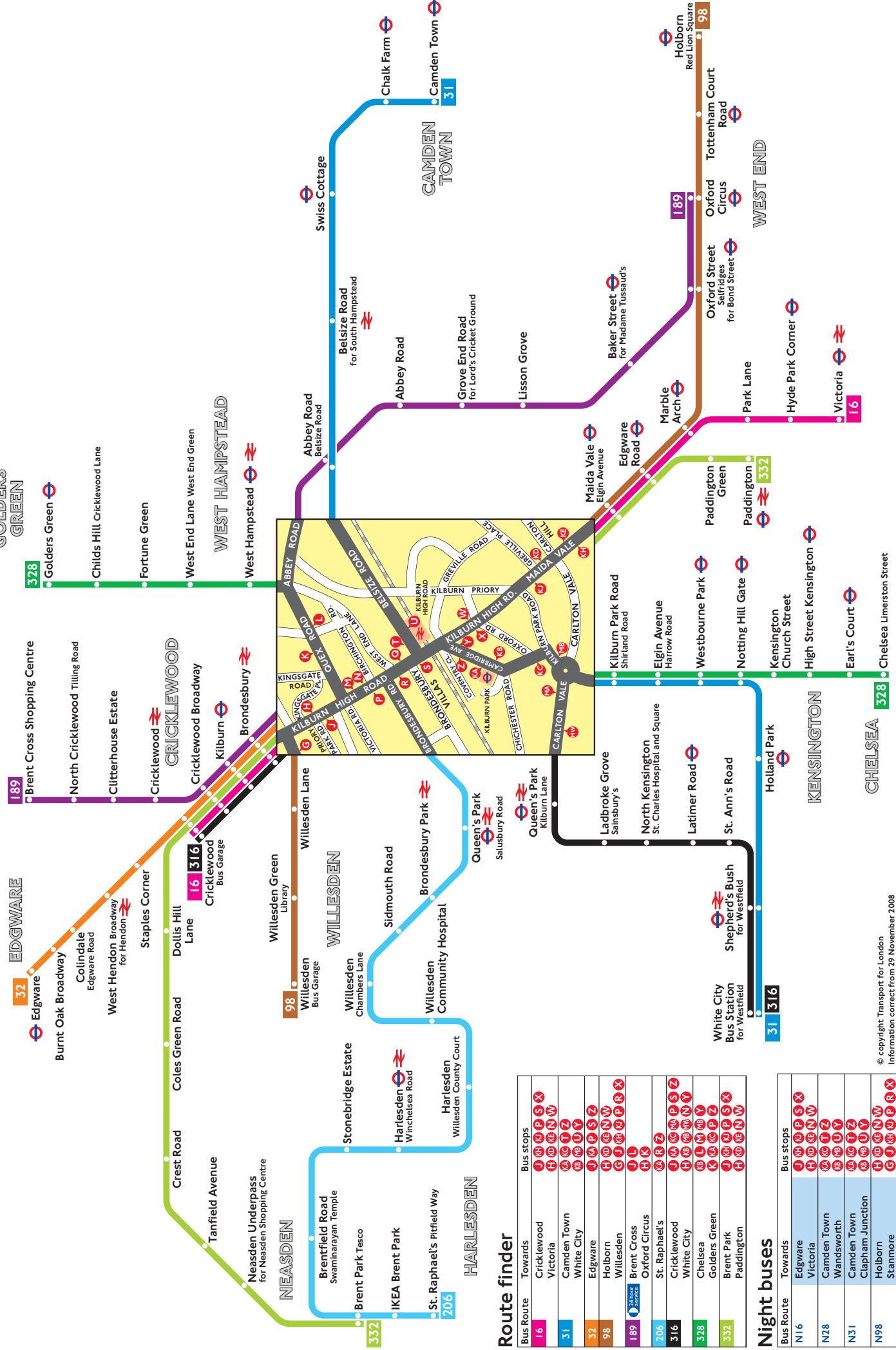
AI for this mode is 3.95

Total AI for this POI is 28.08. X: 524982, Y: 184247.

PTAL Rating is 6a.

APPENDIX C – Bus Route Maps & Timetables

Buses from Kilburn High Road



Route finder

Bus Route	Towards	Bus stops
16	Cricklewood	J W (P S X)
	Victoria	H (U N W)
31	Camden Town	H (U N W)
	White City	G (L M U Y)
32	Edgware	J (M P S Z)
98	Holborn	H (U N W)
	Willesden	G (L M U P R X)
189	Brent Cross	J (L)
	Oxford Circus	H (K)
206	St. Raphael's	G (R Z)
316	Cricklewood	J (M P S Z)
	White City	H (U N W)
328	Chelsea Green	G (L M U Y)
	Golders Green	K (M P S Z)
332	Brent Park	J (M P S X)
	Paddington	H (U N W)

Night buses

Bus Route	Towards	Bus stops
N16	Edgware	J (M P S X)
	Victoria	H (U N W)
N28	Camden Town	H (U N W)
	Wandsworth	G (L M U Y)
N31	Camden Town	H (U N W)
	Clapham Junction	G (L M U Y)
N98	Holborn	H (U N W)
	Stanmore	G (L M U P R X)

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BUCKLEY ROAD

Stop code: 75891

[Plan a journey](#)

Bus Stop E

[To here](#) | [From here](#)

Serving routes: [16](#), [189](#), [316](#), [32](#), [332](#), [632](#), [N16](#)

[Overview](#)

[Timetables](#)

16

Buses towards Victoria Bus Station
[View route map](#) | [Planned disruptions](#)

[Print timetable](#)

Monday - Friday

First buses	6am to 6pm	6 to 11pm	11pm to midnight	Last bus
0522 0532 0542 0552	about every 5-6 minutes	about every 7-10 minutes	2303 2315 2327 2339 2351	0003

Saturday (also Good Friday)

First buses	6 to 7am	7am to 11pm	11pm to midnight	Last bus
0522 0534 0546 0558	0610 0622 0634 0646 0658	about every 6-10 minutes	2303 2315 2327 2339 2351	0003

Sunday and other Public Holidays

First buses	6am to 11pm	11pm to midnight	Last bus
0522 0537	about every 9-11	2303 2315 2327 2339	0003

0552

minutes

2351

Operated by Metroline for London Buses

25.02.12 4919



BUCKLEY ROAD

Stop code: 75891

[Plan a journey](#)

Bus Stop E

Serving routes: [16](#), [189](#), [316](#), [32](#), [332](#), [632](#), [N16](#)

[To here](#) | [From here](#)

[Overview](#)

Timetables

189

Buses towards White City Bus Station

[View route map](#) | [Planned disruptions](#)

[Print timetable](#)

Monday - Friday

Midnight to 5am	5 to 6am	6 to 7am	7am to 8pm	8 to 11pm	11pm to midnight
At these minutes past the hour		0606 0618 0630 0643 0653	about every 6-9 minutes	about every 12 minutes	2306 2318 2330 2342 2358
28 58	0528 0551				

Saturday (also Good Friday)

Midnight to 2am	2 to 4am	4 to 5am	5 to 6am	6 to 7am	7am to 7pm	7 to 11pm	11pm to midnight
0028 0058 0131	At these minutes past the hour	0401 0428 0458	0528 0551	0611 0631 0646	about every 7-9 minutes	about every 12 minutes	2306 2318 2330 2342 2358
	01 31						

Sunday and other Public Holidays

Midnight to 2am	2 to 4am	4 to 5am	5 to 6am	6 to 7am	7am to 11pm	11pm to midnight
0028 0058	At these minutes past the	0401 0428	0551	0621 0636	about every 11-12	2306 2318 2330 2342
	01 31					

0131	hour	0458	0651	minutes	2358
Operated by Metroline for London Buses			05.05.12 4919		

BUCKLEY ROAD

Stop code: 75891

[Plan a journey](#)
Bus Stop EServing routes: [16](#), [189](#), [316](#), [32](#), [332](#), [632](#), [N16](#)
[To here](#) | [From here](#)
[Overview](#)
[Timetables](#)

32

 Buses towards Bishops Bridge
[View route map](#) | [Planned disruptions](#)
[Print timetable](#)

Monday - Friday

First buses	6 to 7am	7am to midnight	Last buses
0531 0543 0555	0607 0619 0631 0642 0653	about every 8-12 minutes	0002 0014 0026

Saturday (also Good Friday)

First buses	6 to 7am	7 to 9am	9am to midnight	Last buses
0531 0546	0601 0616 0631 0643 0655	about every 12-13 minutes	about every 8-12 minutes	0002 0014 0026

Sunday and other Public Holidays

First buses	6 to 7am	7 to 8am	8 to 10am	10am to midnight	Last buses
0531 0551	0611 0631 0651	0711 0731 0746	At these minutes past the hour	01 16 31 47 about every 10-13 minutes	0002 0014 0026

Operated by Metroline for London Buses

25.02.12 4919



BUCKLEY ROAD

Stop code: 75891

[Plan a journey](#)
Bus Stop ⓘServing routes: [16](#), [189](#), [316](#), [32](#), [332](#), [632](#), [N16](#)
[To here](#) | [From here](#)
[Overview](#)
[Timetables](#)

332

 Buses towards Kilburn Park Station
[View route map](#) | [Planned disruptions](#)
[Print timetable](#)

Monday - Friday

First buses	6 to 7am	7am to midnight	Last buses
0543 0558	0613 0625 0638 0653	about every 10-12 minutes	0005 0017

Saturday (also Good Friday)

First buses	6 to 7am	7 to 8am	8 to 9am	9am to midnight	Last buses
0543 0558	0613 0628 0643 0658	0713 0728 0742 0754	0806 0818 0830 0842 0854	about every 8-12 minutes	0005 0017

Sunday and other Public Holidays

First bus	6 to 7am	7 to 8am	8 to 9am	9 to 10am	10am to midnight	Last buses
0543	0603 0623 0643	0703 0723 0738 0753	0808 0823 0838 0853	0908 0923 0936 0950	about every 10-13 minutes	0005 0017



KILBURN HIGH ROAD / QUEX ROAD

[Plan a journey](#)

Bus Stop M

Stop code: 55281

[To here](#) | [From here](#)
Serving routes: [32](#), [328](#), [632](#)
[Overview](#)
[Timetables](#)

328

Buses towards Limerston Street

[View route map](#) | [Planned disruptions](#)
[Print timetable](#)

Monday - Friday

First buses	6 to 7am	7am to midnight	Last buses
0501 0516 0531 0546 0555	0604 0613 0622 0629 0636 0642 0648 0654	about every 6-10 minutes	0001 0011 0021 0031 0041 0051

Saturday (also Good Friday)

First buses	6am to midnight	Last buses
0501 0516 0531 0546 0555	about every 6-10 minutes	0001 0011 0021 0031 0041 0051

Sunday and other Public Holidays

First buses	6 to 7am	7 to 8am	8 to 9am	9am to midnight	Last buses

0501			0809		0009
0516	0613	0710	0824	about every	0019
0531	0627	0725	0836	9-10	0029
0546	0641	0740	0847	minutes	0039
0559	0655	0754	0857		0049

Operated by First for London Buses

30.04.11 25367



QUEX ROAD

Stop code: 56487

[Plan a journey](#)

Bus Stop N

[To here](#) | [From here](#)

Serving routes: [16](#), [316](#), [332](#), [98](#), [N16](#), [N98](#)

[Overview](#)

[Timetables](#)

316

Buses towards White City Bus Station
[View route map](#) | [Planned disruptions](#)

[Print timetable](#)

Monday - Friday

First buses	6 to 7am	7am to midnight	Last buses
0522 0540 0554	0608 0618 0628 0638 0648 0658	about every 9-12 minutes	0001 0012

Saturday (also Good Friday)

First buses	6 to 7am	7 to 8am	8 to 9am	9 to 10am	10am to midnight	Last buses
0522 0540 0556	0611 0626 0642 0658	0714 0729 0744 0759	0814 0830 0846	0901 0916 0926 0935 0943 0952	about every 9-12 minutes	0001 0012

Sunday and other Public Holidays

First buses	7 to 8am	8 to 9am	9 to 11am	11am to midday	Midday to 5pm	5 to 7pm	7 to 11pm	Last buses
			0904					

0522			0918	1100					2301	
0542	0701	0804	0932	1114	At these	13	about every 13-14 minutes	At these	01	2316
0602	0718	0819	0946	1128	minutes	28		minutes	16	2331
0622	0734	0834	1001	1143	past the	43		past the	31	2344
0642	0749	0849	1016	1158	hour	58		hour	46	2358
			1030							0012
			1045							

Operated by Metroline for London Buses

24.09.12 1637

No service on Christmas Day.

Operated by Metroline for London Buses

11.01.14 4919



QUEX ROAD

Stop code: 56487

[Plan a journey](#)

Bus Stop N

[To here](#) | [From here](#)Serving routes: [16](#), [316](#), [332](#), [98](#), [N16](#), [N98](#)[Overview](#)[Timetables](#)

98

Buses towards Red Lion Square
[View route map](#) | [Planned disruptions](#)[Print timetable](#)

Monday - Friday

First buses	6 to 6:30am	6:30am to 7pm	7 to 11pm	Last buses
0542 0557	0607 0615 0620 0625 0630	about every 6-7 minutes	about every 11-12 minutes	2303 2313 2322 2333

Saturday (also Good Friday)

First buses	6am to 6pm	6 to 11pm	Last buses
0542 0557	about every 6-10 minutes	about every 8-12 minutes	2303 2313 2322 2333

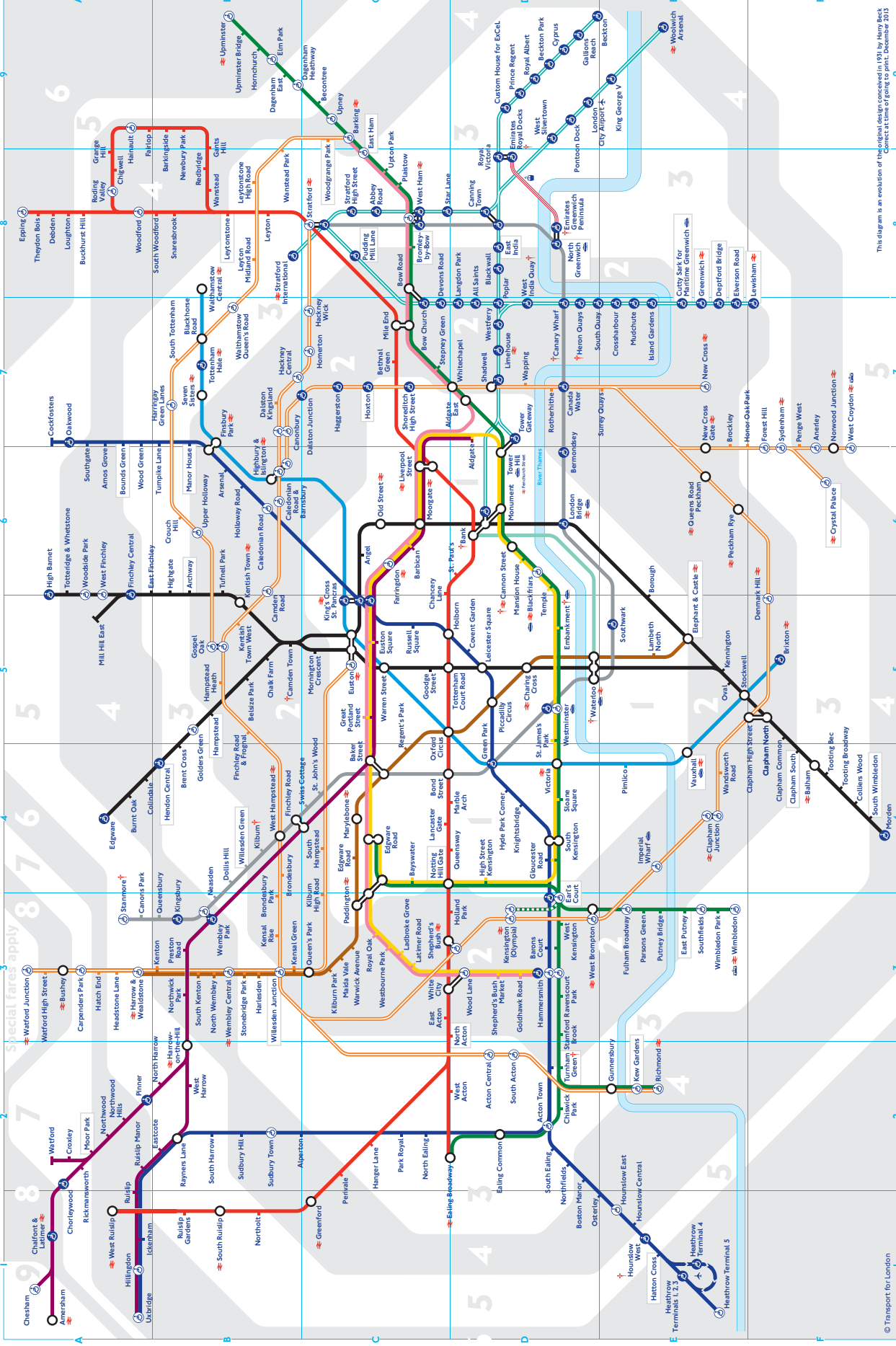
Sunday and other Public Holidays

First buses	8am to 6pm	6 to 11pm	Last buses
0712 0727 0740 0752	about every 6-10 minutes	about every 10-12 minutes	2303 2313 2322 2333

Operated by Metroline for London Buses

03.09.11 1637

APPENDIX D – Rail Map & Timetables



Check before you travel

Bank Waterloo & City line open between Bank and Waterloo 06:21-00:30 Mondays to Fridays and 08:02-00:30 Saturdays. Between Waterloo and Bank 06:15-00:30 Mondays to Fridays and 08:00-00:30 Saturdays. Closed Sundays and Public Holidays.

Camden Town Sunday 13:00-17:30 open for interchange and exit only.

Canary Wharf Step-free interchange between Underground, Canary Wharf DLR and Heron Quays DLR stations at street level.

Canons Street Open until 20:00 Mondays to Fridays and 07:20-19:30 Saturdays. Closed Sundays.

Embankment Waterloo and Northern line trains will not stop at this station from early January 2014 until early November 2014.

Emirates Greenwich Peninsula and Emirates Royal Dock Served by DLR from 07:00-20:00 Mondays to Fridays, 08:00-20:00 Saturdays, 09:00-20:00 Sundays and 08:00-20:00 Public Holidays. Opening hours are extended by one hour in the evening after 1 April 2014 and may be extended on certain event days. Please check close to the time of travel.

Heron Quays Step-free interchange between Heron Quays and Canary Wharf Underground station at street level.

Houses of Parliament Step-free access for manual wheelchairs only.

Kilburn No step-free access from late January 2014 until mid May 2014.

Stammore Step-free access via a steep ramp.

Turnham Green Served by Piccadilly line trains until 06:50 Mondays to Saturdays, 07:45 Sundays and after 22:30 every evening. At other times use District line.

Waterloo Waterloo & City line open between Bank and Waterloo 06:21-00:30 Mondays to Fridays and 08:02-00:30 Saturdays. Between Waterloo and Bank 06:15-00:30 Mondays to Fridays and 08:00-00:30 Saturdays. Closed Sundays and Public Holidays. No step-free access from late January 2014 until late July 2014.

West India Quay Not served by DLR trains from Bank towards Lewisham before 21:00 on Mondays to Fridays.

- Key to lines**
- Bakerloo
 - Central
 - Circle
 - District
 - District open weekends, public holidays and some Olympia events
 - Hammersmith & City
 - Jubilee
 - Metropolitan
 - Northern
 - Piccadilly
 - Victoria
 - Waterloo & City
 - DLR
 - Emirates Air Line



TRANSPORT FOR LONDON
EVERY JOURNEY MATTERS

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24 hour travel information
0343 222 1234*

tfl.gov.uk

MAYOR OF LONDON

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Index to stations

Grid Station & facilities	Zones	Grid Station & facilities	Zones	Grid Station & facilities	Zones	Grid Station & facilities	Zones	Grid Station & facilities	Zones
C8 Abbey Road	3	D2 Chiswick Park	3	E5 Kennington	2	A7 Oakwood	5	B8 South Woodford	4
D2 Acton Central	7	A2 Chorleywood	7	B3 Kensal Green	2	D6 Old Street	4	B8 Wanstead P	4
D2 Acton Town	3	P Chiswick	3	B3 Kensal Rise	2	D1 Osterley	1	A3 Stamford	5
D7 Aldgate	1	F5 Clapham Common	4	D3 Kensington (Olympia)	2	E5 Oval	2	D7 Wapping	2
D7 Aldgate East	1	F5 Clapham High Street	2	P Kensington (Olympia)	2	C5 Oxford Circus	1	C8 Star Lane	3
D7 All Saints	2	F4 Clapham Junction	2	B5 Kenish Town	2	C3 Paddington	2	C7 Stepney Green	2
D7 All Saints	2	F4 Clapham Junction	2	B5 Kenish Town West	2	C2 Park Royal	3	D5 Waterloo	1
A1 Alerton	4	F5 Clapham North	2	B5 Kenish Town West	2	C3 Parsons Green	3	A2 Watford	7
A1 Alerton	4	F5 Clapham North	2	B5 Kenish Town West	2	E6 Peckham Rye	4	A2 Watford	7
A1 Amersham	9	F4 Clapham South	2/3	E2 Kew Gardens	3/4	F7 Perivale	4	A3 Watford High Street	8
F7 Anerley	4	A7 Cockfosters	5	B4 Kilburn	2	C2 Park Royal	3	A3 Watford Junction	Special
C6 Angel	2/3	A4 Colindale	4	C3 Kilburn High Road	4	F2 Pennington	2	P Watford Junction	Special
A7 Amos Grove	4	C5 Great Portland Street	1	C3 Kilburn Park	2	D5 Piccadilly Circus	1	B3 Wembley Central	4
B6 Arsenal	2	C1 Greenford	2/3	C5 Kingsbury	4	E4 Pimlico	3	B3 Wembley Park	4
		E7 Crossharbour	7	C5 King's Cross St. Pancras	4	A2 Pinner	5	B3 Wembley Park	4
		B6 Crouch Hill	3	C5 King's Cross St. Pancras	4	A2 Pinner	5	B3 Wembley Park	4
		C7 Croyley P	3/4	E9 King George V	3	C8 Stratford	3	B3 Wembley Park	4
		F6 Crystal Palace	3/4	D4 Knightsbridge	1	B8 Stratford International	3	B3 Wembley Park	4
		D9 Custom House for ExCel	3	C3 Labroke Grove	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		E7 Curry Sark for Maritime Greenwich	2/3	E5 Lambeth North	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D9 Cyprus	3	C7 Haggerston	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B9 Dagenham East	5	A9 Hainault	4	B2 Sudbury Hill	4	B3 Wembley Park	4
		B9 Dagenham Heathway	5	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C7 Dalston Junction	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B7 Dalston Kingsland	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C8 Deblon	6	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B7 Blackhorse Road	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D8 Blackwall	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C1 Bond Street	2/3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		E7 Devon Road	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B4 Dollis Hill	3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C2 Ealing Broadway	3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D2 Ealing Common	3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D3 Earl's Court	1/2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C3 East Acton	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		E7 Brockley	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C8 Bromley-by-Bow	2/3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B4 Bronesbury Park	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B3 Bronesbury Park	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A8 Buckhurst Hill	5	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A4 Burnt Oak P	4	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A3 Bushey	8	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B6 Caledonian Road	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B6 Caledonian Road	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B5 Camden Road	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B5 Camden Town	2/3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D7 Canada Water	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D7 Canary Wharf	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D8 Canning Town	3	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D6 Cannon Street	1	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B7 Canons Park	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A3 Carpenders Park	7	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A1 Chalfont & Latimer	8	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		B5 Chalk Farm	2	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		C6 Chancery Lane	1	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		D5 Charing Cross	9	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A1 Chesham	9	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4
		A8 Chigwell	4	D3 Hammersmith	2	B2 Sudbury Hill	4	B3 Wembley Park	4

Explanation of symbols

- P** Stations with car parks
- ♿** Stations with bicycle parking
- ♂/♀** Male/female/baby changing/accessible toilets outside ticket gateline
- ♂/♀** Male/female/baby changing/accessible toilets inside ticket gateline
- †** Toilet not managed by London Underground. You may be charged for these facilities. Ask staff for information
- ♿** Step-free access from street to train
- ♿** Step-free access from street to platform
- ♿** Stations with London Travel Information Centre
- †** Check before you travel

Bakerloo Line

Services from this station towards Stonebridge Park Underground Station



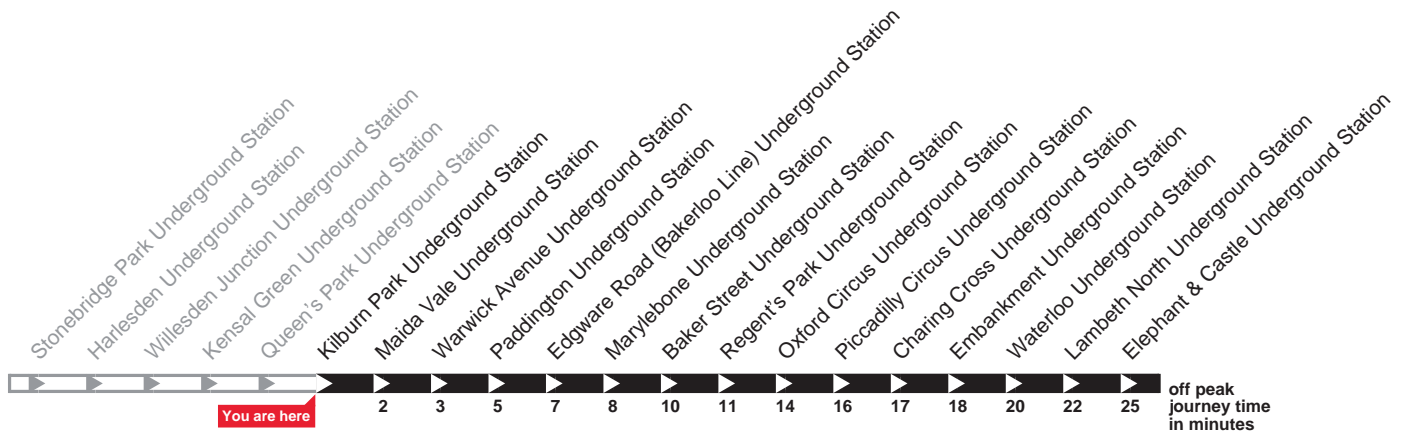
Sunday

First trains	8 to 9am	9 to 10am	10am to 9pm	9 to 10pm	10 to 11pm	11pm to Midnight	Last train
0740	0802 A	0902 A	At these minutes past the hour	01 A	21 01 A	22 01 A	23 04
0750 A	0807	0907		05	21 05	22 05	23 10
0757	0812 A	0912 A		09 A	21 09 A	22 09	23 16
	0817	0917		13 A	21 13 A	22 13 A	23 23
	0822 A	0922 A		17	21 17	22 17	23 30 A
	0827	0927		21 A	21 21 A	22 21 A	23 39
	0832 A	0932 A		25	21 25	22 25	23 50 A
	0837	0937		29 A	21 29 A	22 29	
	0842 A	0941 A		33 A	21 33 A	22 33	
	0847	0945		37	21 37	22 37	
	0852 A	0949 A		41 A	21 41	22 42 A	
	0857	0953 A		45	21 45	22 46	
		0957		49 A	21 49 A	22 52 A	
				53 A	21 53 A	22 58	
			57	21 57			

A = to Queen's Park Underground Station

Bakerloo Line

Services from this station towards Elephant & Castle Underground Station



Sunday

First trains	8 to 9am	9 to 10am	10am to 9pm	9 to 10pm	10 to 11pm	Last trains
07 16	08 01	09 01	At these 02	21 02	22 02	23 02
07 25	08 06	09 06	minutes 06	21 06	22 07	23 09 ^B
07 33	08 11	09 11	past the 10	21 10	22 12	23 16
07 40	08 16	09 16	hour 14	21 14	22 17 ^B	23 26
07 46	08 21	09 21	18	21 18	22 22	23 36
07 51	08 26	09 26	22	21 22	22 27	23 51 ^A
07 56	08 31	09 31	26	21 26	22 32	
	08 36	09 36	30	21 30	22 37	
	08 41	09 41	34	21 34	22 42	
	08 46	09 46	38	21 38	22 48	
	08 51	09 50	42	21 42	22 55	
	08 56	09 54	46	21 47		
		09 58	50	21 52		
			54	21 57		
			58			

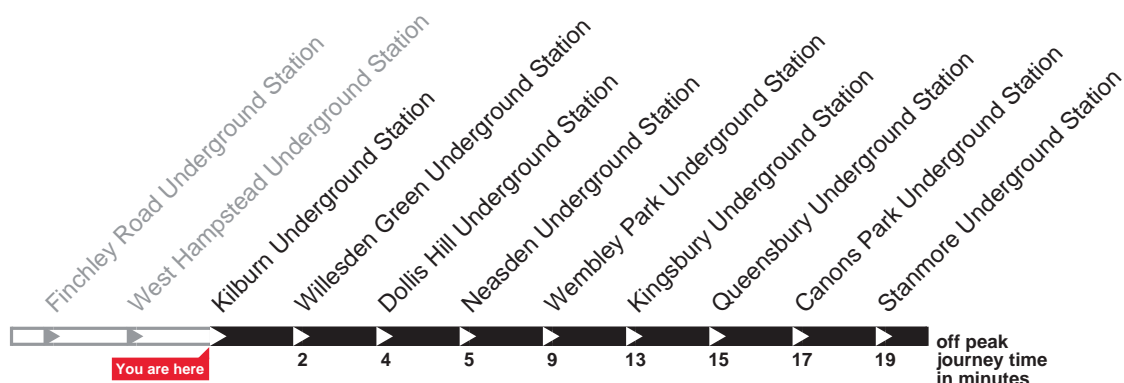
A = to Paddington Underground Station

B = to Waterloo Underground Station

03.03.2014 Kilburn Park Underground Station

Jubile

Services from this station towards Stanmore Underground Station



Sunday

First trains	8am to 11pm	11pm to Midnight	Last trains	
0725	At these minutes past the hour	2303	0005	
0733		08	2308	0013
0740		13	2313	0024
0747		18	2318	
0753		23	2323 ^A	
0758		28	2328	
		33	2333	
		38	2338 ^A	
		43	2343	
		48	2350 ^A	
		53	2358	
		58		

A=to Wembley Park Underground Station

Saturdays and Public Holidays

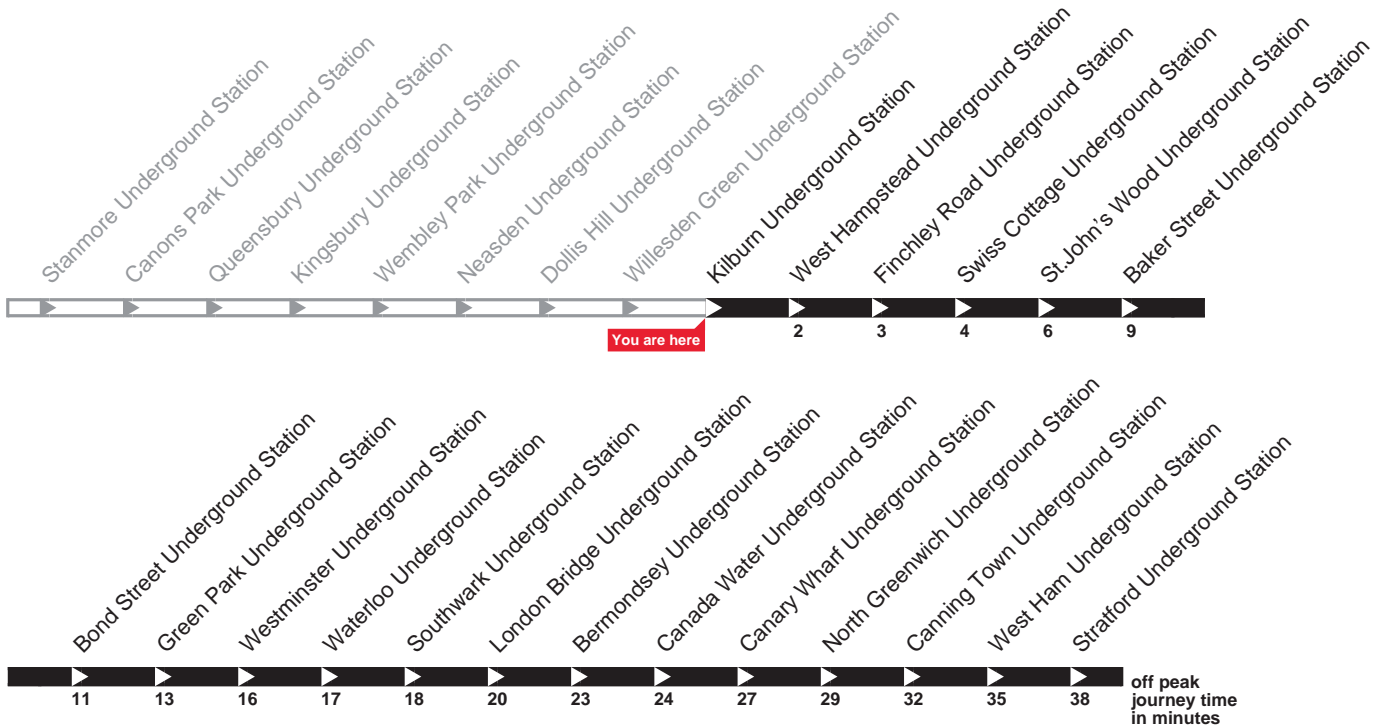
First trains	6 to 7am	7am to 11pm	11pm to Midnight	Last trains	
0526	0604	At these minutes past the hour	2303	0003	
0536	0612		08	2308	0008 ^A
0545	0618		13	2313	0013
0555	0623		18	2318	0018 ^A
	0628		23	2323	0023
	0633		28	2328	0030 ^A
	0638		33	2333	0038
	0643		38	2338	0045
	0648		43	2343	0056
	0653		48	2348 ^A	
	0658		53	2353	
			58	2358	

A=to Wembley Park Underground Station

03.03.2014 Kilburn Underground Station

Jubilee Line

Services from this station towards Stratford Underground Station



Monday - Friday

First trains	6 to 7am	7 to 8am	8 to 9am	9 to 10am	10 to 11am	11am to Midday	Midday to 1pm	1 to 2pm	2 to 3pm	3 to 4pm	4 to 5pm	5 to 6pm	6 to 7pm	7 to 8pm	8 to 9pm	9 to 10pm	10 to 11pm	11pm to Midnight	Last trains
05 13	06 01	07 01	08 01 A	09 01	10 00	11 01	12 01	13 01	14 01	15 01	16 00	17 01	18 01 A	19 01 B	20 00	21 00	22 00 B	23 00	00 02
05 18	06 08	07 04	08 03	09 03	10 02 B	11 03	12 03	13 03	14 03	15 03	16 03 A	17 03	18 03	19 04	20 03	21 03	22 03	23 03	00 08
05 33	06 14 A	07 06	08 05	09 05 B	10 05	11 06	12 06	13 06	14 06	15 06	16 06	17 05	18 06	19 06	20 05	21 05	22 05	23 06	00 15
05 42	06 19	07 08	08 07	09 07	10 07	11 09	12 08	13 09	14 09	15 09	16 09	17 06 A	18 08	19 08 A	20 08	21 08	22 08	23 09 B	00 23
05 52	06 23	07 10	08 08	09 09	10 10	11 12	12 12	13 12	14 12	15 12	16 12	17 08	18 10	19 10	20 10	21 10	22 10	23 13	00 32
	06 27	07 12	08 10	09 12	10 12	11 15	12 15	13 15	14 15	15 15	16 15	17 10	18 12 A	19 12	20 13 A	21 13 A	22 13	23 17	
	06 29 A	07 15	08 12	09 14 B	10 15	11 18	12 18	13 19	14 18	15 18	16 17 A	17 12	18 14	19 15 B	20 15	21 15	22 15	23 21	
	06 32	07 17 A	08 14 A	09 17	10 17	11 21	12 21	13 21	14 21	15 21	16 20	17 14	18 16	19 17	20 18	21 18	22 18 B	23 25	
	06 35	07 19	08 16	09 19	10 20	11 23	12 23	13 23	14 23	15 23	16 23	17 16 A	18 18 B	19 20	20 20	21 20	22 20	23 29	
	06 38	07 21	08 18	09 22	10 22 B	11 26	12 26	13 26	14 26	15 26	16 25	17 18	18 21	19 22	20 23	21 23	22 23	23 33	
	06 40 A	07 23	08 20	09 24 B	10 25	11 29	12 29	13 29	14 29	15 29	16 28	17 20	18 23 A	19 25	20 25	21 25	22 25	23 37	
	06 43	07 25	08 22	09 27	10 27	11 32	12 32	13 32	14 32	15 32	16 30	17 23	18 25	19 28 A	20 28 A	21 28 A	22 28 B	23 42	
	06 45	07 27	08 24 A	09 29	10 30	11 35	12 35	13 36	14 35	15 35	16 32 A	17 25	18 27	19 30	20 30	21 30	22 30	23 46	
	06 48	07 29	08 26	09 32	10 32	11 38	12 38	13 38	14 38	15 38	16 34	17 27	18 29	19 33	20 33	21 33	22 33	23 50	
	06 50	07 31 A	08 28	09 34	10 35	11 41	12 41	13 41	14 41	15 40	16 37	17 29	18 31 B	19 35	20 35	21 35	22 35	23 55	
	06 53	07 33	08 30	09 37	10 38	11 43	12 43	13 43	14 43	15 43	16 39	17 31 A	18 33	19 38	20 38	21 38	22 38 B		
	06 55	07 36	08 32	09 39	10 41 B	11 46	12 46	13 46	14 46	15 46	16 41	17 33	18 35	19 40	20 40	21 40	22 40		
	06 57 A	07 38	08 34 A	09 42 B	10 43	11 49	12 49	13 49	14 49	15 49	16 43	17 36	18 38 A	19 43 A	20 43 A	21 43 B	22 43		
	06 59	07 40	08 36	09 44	10 46	11 52	12 52	13 51	14 51	15 52	16 44	17 38	18 40	19 45	20 45	21 45	22 45		
		07 42	08 38	09 47	10 49	11 55	12 55	13 55	14 55	15 55	16 46 A	17 40	18 42	19 48	20 48	21 48	22 48 B		
		07 44	08 40	09 49	10 52	11 58	12 58	13 58	14 58	15 58	16 48	17 42	18 44	19 50	20 50	21 50	22 50		
		07 46 A	08 42	09 52	10 55						16 51	17 44	18 46 B	19 53	20 53	21 53	22 53		
		07 48	08 44 B	09 55	10 58						16 53	17 46 A	18 49	19 55	20 55	21 55	22 55		
		07 50	08 47 A	09 57							16 55	17 48	18 51	19 58 A	20 58 A	21 58	22 58 B		
		07 52	08 49								16 57 A	17 51	18 53 A						
		07 54	08 51								16 59	17 53	18 55						
		07 57	08 54									17 55	18 57						
		07 59	08 56 B									17 57	18 59						
		08 59										17 59							

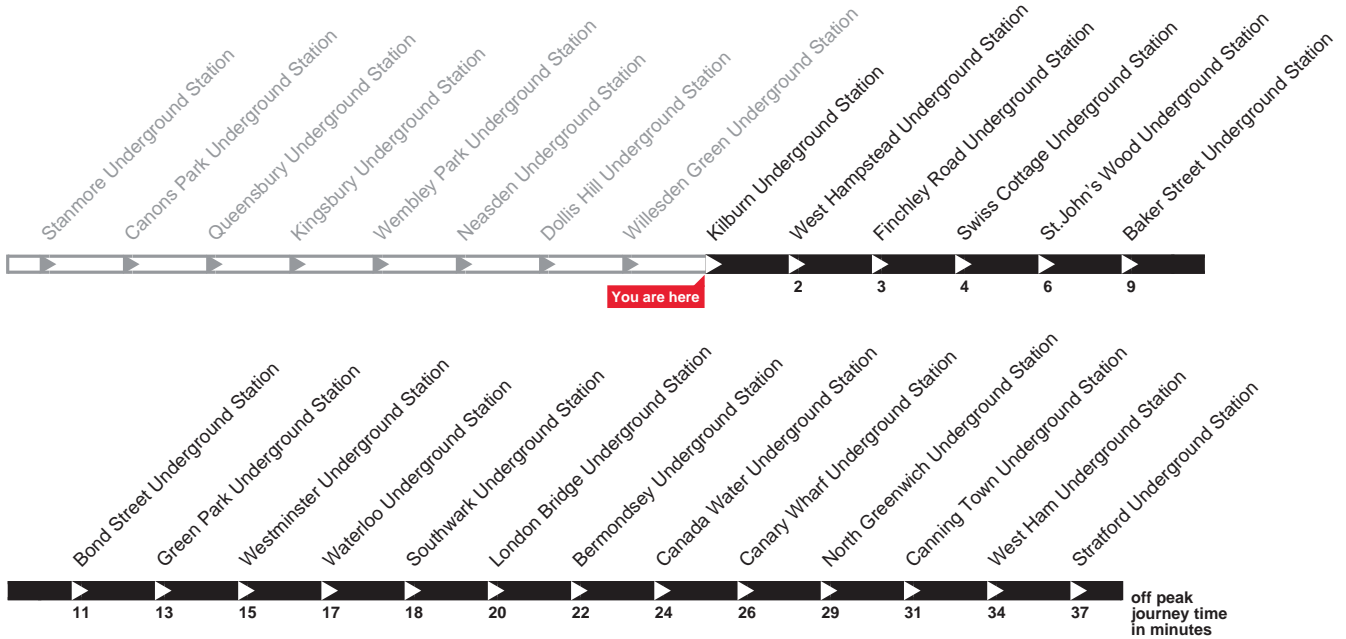
A = to North Greenwich Underground Station

B = to West Ham Underground Station

03.03.2014 Kilburn Underground Station

Jubilee Line

Services from this station towards Stratford Underground Station



Saturdays and Public Holidays

First trains	6 to 7am	7 to 9am	9 to 10am	10 to 11am	11am to Midday	Midday to 7pm	7 to 8pm	8 to 9pm	9 to 10pm	10 to 11pm	11pm to Midnight	Last trains		
05 13 A	06 01 A	At these minutes past the hour	00 A	09 00 A	10 00 A	11 00 A	At these minutes past the hour	00 A	19 00 A	20 00 A	21 00 A	22 00 A	23 00 A	00 00 A
05 18 A	06 08 A		03 A	09 03 A	10 03 A	11 03 A	03 A	19 03 A	20 03 A C	21 03 A	22 03 A	23 03 A	00 05 A	
05 33 A	06 14 A		06 A	09 06 A	10 06 A	11 06 A	05 A	19 05 A	20 06 A	21 06 A	22 06 A	23 06 A	00 10 A	
05 42 A	06 17 A		09 A	09 09 A	10 09 A	11 09 A	08 A	19 08 A	20 09 A	21 09 A	22 09 A	23 09 A C	00 15 A	
05 52	06 20 A		12 A	09 12 A	10 12 A	11 12 A	10 A	19 10 A	20 12 A	21 12 A	22 12 A	23 12 A	00 23 A	
	06 24 A		15 A	09 15 A	10 15 A	11 15 A	13 A B	19 13 A	20 15 A	21 15 A	22 15 A	23 15 A	00 32	
	06 27 A		18 A	09 18 A	10 18 A	11 18 A	15 A	19 15 A C	20 18 A	21 18 A	22 18 A	23 18 A		
	06 30 A		21 A	09 21 A	10 21 A	11 21 A	18 A	19 18 A	20 21 A	21 21 A	22 21 A	23 22 A		
	06 33 A		24 A	09 24 A	10 24 A	11 24 A	20 A	19 20 A	20 24 A	21 24 A	22 24 A	23 26 A		
	06 36 A		27 A	09 27 A	10 27 A	11 27 A	23 A	19 23 A	20 27 A	21 27 A	22 27 A	23 30 A		
	06 39 A		30 A	09 30 A	10 30 A	11 30 A	25 A	19 25 A	20 30 A	21 30 A	22 30 A	23 34 A		
	06 42 A		33 A	09 33 A	10 33 A	11 32 A	28 A B	19 28 A	20 33 A	21 33 A	22 33 A C	23 38 A		
	06 45 A		36 A	09 36 A	10 36 A	11 35 A	30 A	19 30 A	20 36 A	21 36 A	22 36 A	23 42 A		
	06 48 A		39 A	09 39 A	10 39 A	11 38 A	33 A	19 33 A C	20 39 A	21 39 A	22 39 A	23 46 A		
	06 51 A		42 A	09 42 A	10 42 A	11 40 A	35 A	19 35 A	20 42 A	21 42 A	22 42 A	23 50 A		
	06 54 A		45 A	09 45 A	10 45 A	11 43 A B	38 A	19 38 A	20 45 A	21 45 A	22 45 A C	23 55 A		
	06 57 A	48 A	09 48 A	10 48 A	11 45 A	40 A	19 40 A	20 48 A	21 48 A	22 48 A				
		51 A	09 50 A	10 51 A	11 48 A	43 A B	19 43 A	20 51 A	21 51 A	22 51 A				
		54 A	09 54 A	10 54 A	11 50 A	45 A	19 45 A C	20 54 A	21 54 A	22 54 A				
		57 A	09 57 A	10 57 A	11 53 A	48 A	19 48 A	20 57 A	21 57 A	22 57 A C				
					11 55 A	50 A	19 50 A							
					11 58 A B	53 A	19 53 A							
						55 A	19 55 A							
						58 A B	19 58 A							

A = only 5.10.13, 12.10., 19.10., 26.10., 2.11., 9.11., 16.11., 23.11., 30.11., 7.12., 14.12., 21.12., 28.12.13, 4.1.14, 11.1., 18.1., 25.1., 1.2., 8.2., 15.2., 22.2., 1.3., 8.3., 15.3., 22.3., 29.3., 5.4., 12.4., 19.4., 26.4., 3.5., 10.5., 17.5., 24.5., 31.5., 7.6., 14.6., 21.6., 28.6., 5.7., 12.7., 19.7., 26.7., 2.8., 9.8., 16.8., 23.8., 30.8., 6.9., 13.9., 20.9., 27.9., 4.10., 11.10., 18.10., 25.10., 1.11., 8.11., 15.11., 22.11., 29.11., 6.12., 13.12.

B = to North Greenwich Underground Station
C = to West Ham Underground Station

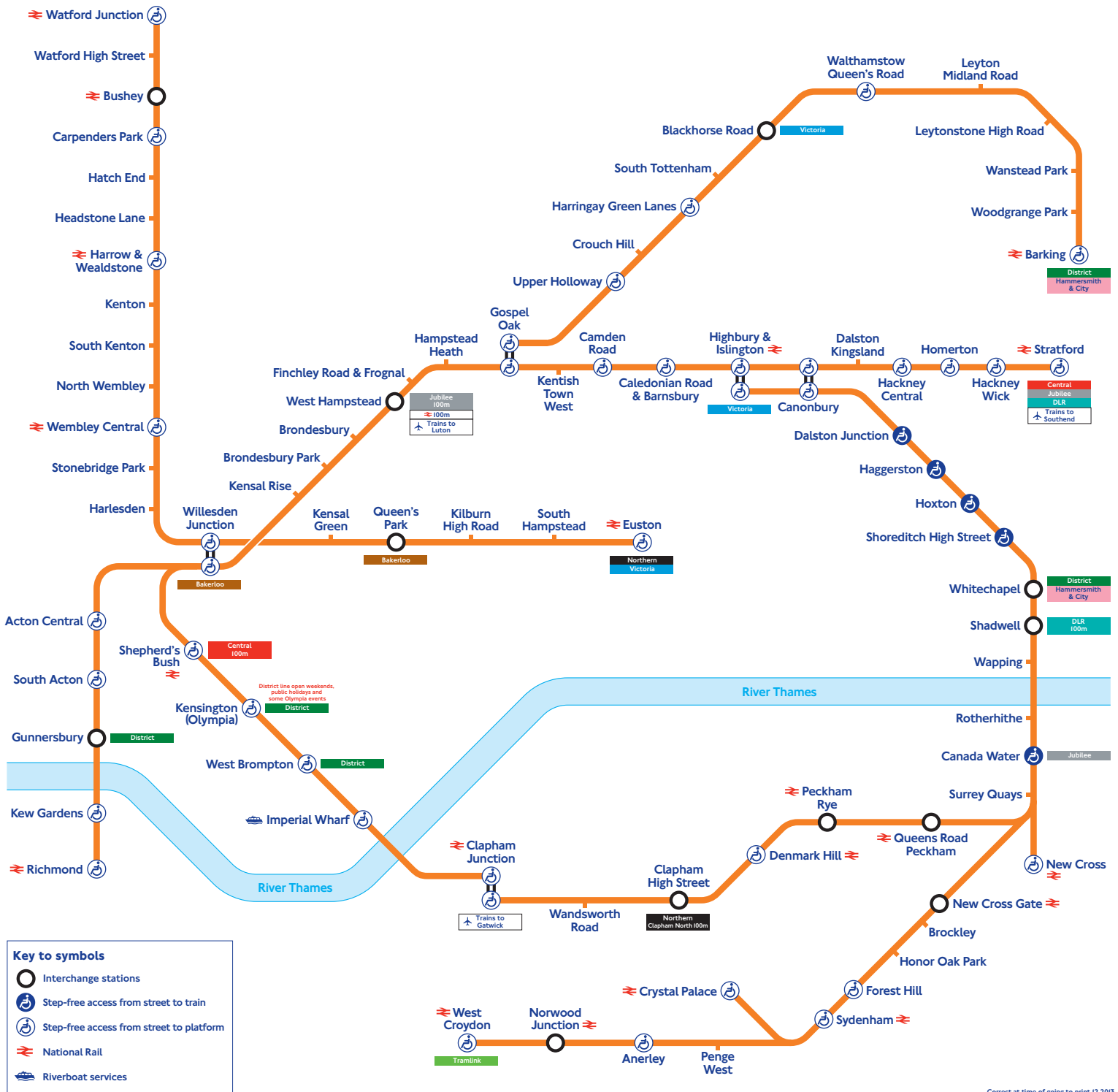
Sunday

First trains	8 to 9am	9 to 11am	11am to Midday	Midday to 6pm	6 to 7pm	7 to 8pm	8 to 10pm	10 to 11pm	Last trains	
07 14	08 01	At these minutes past the hour	02	11 02	18 00	19 00	At these minutes past the hour	02	22 02	23 02
07 17	08 05		05	11 05	18 03	19 03	05	22 05	23 06	
07 29	08 08		09	11 09	18 06	19 06 A	08	22 08	23 11	
07 35	08 12		12	11 12	18 09	19 09	12	22 12	23 16	
07 40	08 15		15	11 15	18 12	19 12	15	22 15	23 21	
07 45	08 19		19	11 18	18 15	19 15	18	22 18	23 26	
07 49	08 22		22	11 21	18 18	19 18	22	22 22	23 31	
07 53	08 25		25	11 24	18 21	19 22	25	22 25	23 38	
07 57	08 29		29	11 27	18 24	19 25	28	22 28	23 46	
	08 32		32	11 30	18 27	19 28	32	22 32 A		
	08 35		35	11 33	18 30	19 32	35	22 35		
	08 39		39	11 36	18 33	19 35	38	22 38		
	08 42		42	11 39	18 36 A	19 38	42	22 42		
	08 45		45	11 42	18 39	19 42	45	22 45 A		
	08 49		49	11 45	18 42	19 45	48	22 48		
	08 52		52	11 48	18 45	19 48	52	22 52		
	08 55	55	11 51	18 48	19 52	55	22 55			
	08 59	59	11 54	18 51	19 55	58	22 59			
			11 57	18 54	19 58					
				18 57						

A = to West Ham Underground Station

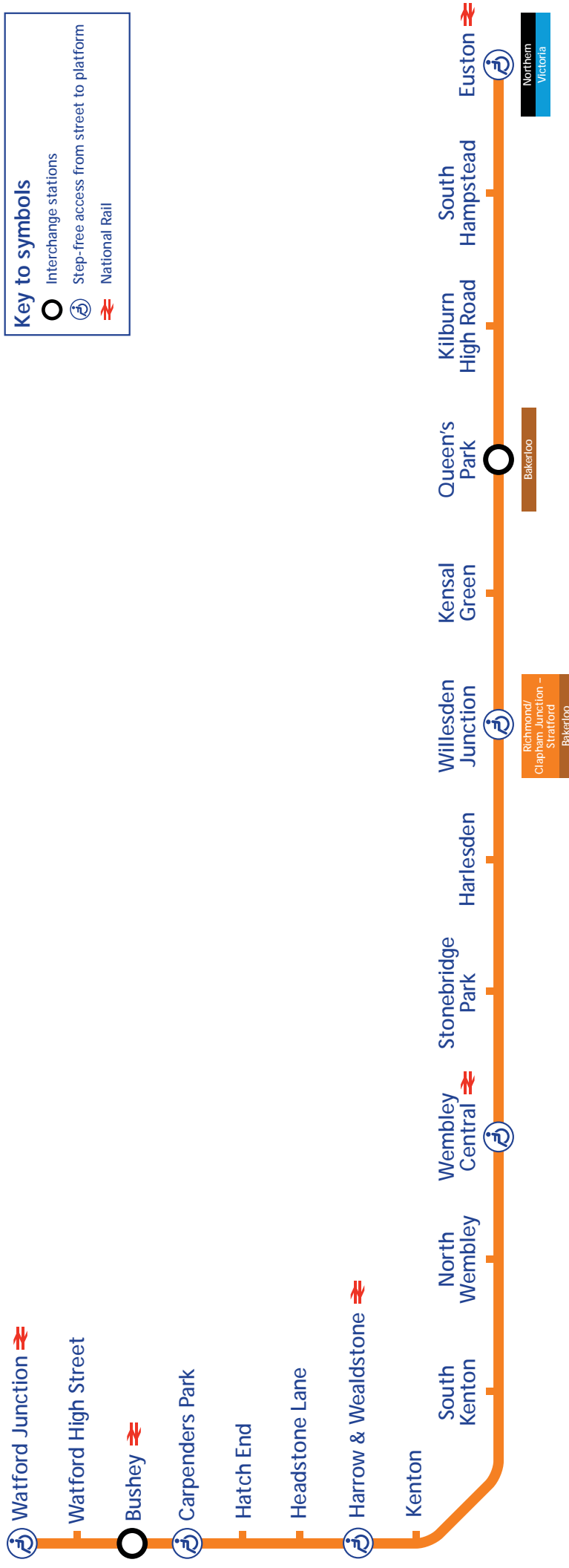
03.03.2014 Kilburn Underground Station

London Overground



Correct at time of going to print 12.2013

Watford Junction – Euston



Southbound towards Euston

Mondays to Fridays

Watford Junction	SN LM	0511	0541	0611	0640	0700	0720	0740	0800	0820	0840	0900	0921	0941	1001	2221	2251	2321
Watford High Street		0514	0544	0614	0643	0703	0723	0743	0803	0823	0843	0903	0924	0944	1004	2224	2254	2324
Bushley	LM	0516	0546	0616	0645	0705	0725	0745	0805	0825	0845	0905	0926	0946	1006	2226	2256	2326
Carpenters Park		0519	0549	0619	0648	0708	0728	0748	0808	0828	0848	0908	0929	0949	1009	2229	2259	2329
Hatch End		0522	0552	0622	0651	0711	0731	0751	0811	0831	0851	0911	0932	0952	1012	2232	2302	2332
Headstone Lane		0524	0554	0624	0653	0713	0733	0753	0813	0833	0853	0913	0934	0954	1014	2234	2304	2334
Harrow & Wealdstone	SN LM T	0527	0557	0627	0656	0716	0736	0756	0816	0836	0856	0916	0937	0957	1017	2237	2307	2337
Kenton	T	0529	0559	0629	0659	0719	0739	0759	0819	0839	0859	0919	0939	0959	1019	2239	2309	2339
South Kenton	T	0531	0601	0631	0701	0721	0741	0801	0821	0841	0901	0921	0941	1001	1021	2241	2311	2341
North Wembley	T	0533	0603	0633	0703	0723	0743	0803	0823	0843	0903	0923	0943	1003	1023	2243	2313	2343
Wembley Central	SN T	0535	0605	0635	0705	0725	0745	0805	0825	0845	0905	0925	0945	1005	1025	2245	2315	2345
Stonebridge Park	T	0538	0608	0638	0708	0728	0748	0808	0828	0848	0908	0928	0948	1008	1028	2248	2318	2348
Harlesden	T	0540	0610	0640	0710	0730	0750	0810	0830	0850	0910	0930	0950	1010	1030	2250	2320	2350
Willesden Junction	T	0542	0612	0642	0713	0733	0753	0813	0833	0853	0913	0933	0952	1012	1032	2252	2322	2352
Kensal Green	T	0545	0615	0645	0715	0735	0755	0815	0835	0855	0915	0935	0955	1015	1035	2255	2325	2355
Queen's Park	T	0547	0617	0647	0718	0738	0758	0818	0838	0858	0918	0938	0957	1017	1037	2257	2327	2357
Kilburn High Road		0549	0619	0649	0720	0740	0800	0820	0840	0900	0920	0940	0959	1019	1039	2259	2329	2359
South Hampstead		0551	0621	0651	0722	0742	0802	0822	0842	0902	0922	0942	1001	1021	1041	2301	2331	0001
Euston	LM	0559	0632	0658	0729	0752	0812	0831	0852	0912	0929	0952	1011	1030	1053	2310	2339	0010

T Frequent Bakerloo line services run between these stations. Please see London Underground publicity for more details

LM London Midland services also call at these stations. Please see London Midland publicity for more details

SN Southern services also call at these stations. Please see Southern publicity for more details

Southbound towards Euston

Saturdays

Sundays

Watford Junction	SN LM	0511	0541	0611	0641	0701	0721		2141	2201	2221	2251	2321		0651	0721	0751	0821	0851	0921	0941	1001	2221	2251	2321	
Watford High Street		0514	0544	0614	0644	0704	0724		2144	2204	2224	2254	2324		0654	0724	0754	0824	0854	0924	0944	1004	2224	2254	2324	
Bushey	LM	0516	0546	0616	0646	0706	0726		2146	2206	2226	2256	2326		0656	0726	0756	0826	0856	0926	0946	1006	2226	2256	2326	
Carpenters Park		0519	0549	0619	0649	0709	0729		2149	2209	2229	2259	2329		0659	0729	0759	0829	0859	0929	0949	1009	2229	2259	2329	
Hatch End		0522	0552	0622	0652	0712	0732		2152	2212	2232	2302	2332		0702	0732	0802	0832	0902	0932	0952	1012	2232	2302	2332	
Headstone Lane		0524	0554	0624	0654	0714	0734	then	2154	2214	2234	2304	2334		0704	0734	0804	0834	0904	0934	0954	1014	then	2234	2304	2334
Harrow & Wealdstone	SN LM T	0527	0557	0627	0657	0717	0737	at	2157	2217	2237	2307	2337		0707	0737	0807	0837	0907	0937	0957	1017	at	2237	2307	2337
Kenton	T	0529	0559	0629	0659	0719	0739	the	2159	2219	2239	2309	2339		0709	0739	0809	0839	0909	0939	0959	1019	the	2239	2309	2339
South Kenton	T	0531	0601	0631	0701	0721	0741	same	2201	2221	2241	2311	2341		0711	0741	0811	0841	0911	0941	1001	1021	same	2241	2311	2341
North Wembley	T	0533	0603	0633	0703	0723	0743	time	2203	2223	2243	2313	2343		0713	0743	0813	0843	0913	0943	1003	1023	time	2243	2313	2343
Wembley Central	SN T	0535	0605	0635	0705	0725	0745	past	2205	2225	2245	2315	2345		0715	0745	0815	0845	0915	0945	1005	1025	past	2245	2315	2345
Stonebridge Park	T	0538	0608	0638	0708	0728	0748	each	2208	2228	2248	2318	2348		0718	0748	0818	0848	0918	0948	1008	1028	each	2248	2318	2348
Harlesden	T	0540	0610	0640	0710	0730	0750	hour	2210	2230	2250	2320	2350		0720	0750	0820	0850	0920	0950	1010	1030	hour	2250	2320	2350
Willesden Junction	T	0542	0612	0642	0712	0732	0752	until	2212	2232	2252	2322	2352		0722	0752	0822	0852	0922	0952	1012	1032	until	2252	2322	2352
Kensal Green	T	0545	0615	0645	0715	0735	0755		2215	2235	2255	2325	2355		0725	0755	0825	0855	0925	0955	1015	1035		2255	2325	2355
Queen's Park	T	0547	0617	0647	0717	0737	0757		2217	2237	2257	2327	2357		0727	0757	0827	0857	0927	0957	1017	1037		2257	2327	2357
Kilburn High Road		0549	0619	0649	0719	0739	0759		2219	2239	2259	2329	2359		0729	0759	0829	0859	0929	0959	1019	1039		2259	2329	2359
South Hampstead		0551	0621	0651	0721	0741	0801		2221	2241	2301	2331	0001		0731	0801	0831	0901	0931	1001	1021	1041		2301	2331	0001
Euston	LM	0600	0630	0659	0730	0753	0813		2230	2253	2311	2338	0010		0740	0810	0840	0910	0940	1013	1031	1051		2310	2340	0010

T Frequent Bakerloo line services run between these stations. Please see London Underground publicity for more details

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SN Southern services also call at these stations. Please see Southern publicity for more details

Northbound towards Watford Junction

Mondays to Fridays

Euston	0537	0607	0637	0657	0717		1537	1557	1617	1637	1657	1717	1737	1757	1817	1837	1857	1917	1937	1957	2017	2037	2057	2117	2137	2157	2227	2257	2327	2357	
South Hampstead	0543	0613	0643	0703	0723		1543	1603	1623	1643	1703	1723	1743	1803	1823	1843	1903	1923	1943	2003	2023	2043	2103	2123	2143	2203	2233	2303	2333	0003	
Kilburn High Road	0544	0614	0644	0704	0724		1544	1604	1624	1644	1704	1724	1744	1804	1824	1844	1904	1924	1944	2004	2024	2044	2104	2124	2144	2204	2234	2304	2334	0004	
Queen's Park	T	0546	0616	0646	0706	0726		1546	1606	1627	1647	1707	1727	1747	1807	1827	1847	1907	1926	1946	2006	2026	2046	2106	2126	2146	2206	2236	2306	0006	
Kensal Green	T	0548	0618	0648	0708	0728		1548	1608	1629	1649	1709	1729	1749	1809	1829	1849	1909	1928	1948	2008	2028	2048	2108	2128	2148	2208	2238	2308	0008	
Willesden Junction	T	0551	0621	0651	0711	0731	then	1551	1611	1632	1652	1712	1732	1752	1812	1832	1852	1912	1931	1951	2011	2031	2051	2111	2131	2151	2211	2241	2311	2341	0011
Harlesden	T	0553	0623	0653	0713	0733	at	1553	1613	1634	1654	1714	1734	1754	1814	1834	1854	1914	1933	1953	2013	2033	2053	2113	2133	2153	2213	2243	2313	2343	0013
Stonebridge Park	T	0555	0625	0655	0715	0735	the	1555	1615	1636	1656	1716	1736	1756	1816	1836	1856	1916	1935	1955	2015	2035	2055	2115	2135	2155	2215	2245	2315	2345	0015
Wembley Central	SN	T	0558	0628	0658	0718	same	1558	1618	1639	1659	1719	1739	1759	1819	1839	1859	1919	1938	1958	2018	2038	2058	2118	2138	2158	2218	2248	2318	2348	0018
North Wembley	T	0600	0630	0700	0720	0740	time	1600	1620	1641	1701	1721	1741	1801	1821	1841	1901	1921	1940	2000	2020	2040	2100	2120	2140	2200	2250	2320	2350	0020	
South Kenton	T	0602	0632	0702	0722	0742	past	1602	1622	1643	1703	1723	1743	1803	1823	1843	1903	1923	1942	2002	2022	2042	2102	2122	2142	2202	2252	2322	2352	0022	
Kenton	T	0604	0634	0704	0724	0744	each	1604	1624	1645	1705	1725	1745	1805	1825	1845	1905	1925	1944	2004	2024	2044	2104	2124	2144	2204	2254	2324	2354	0024	
Harrow & Wealdstone	SN	LM	T	0606	0636	0706	hour	1606	1626	1648	1708	1728	1748	1808	1828	1848	1908	1928	1946	2006	2026	2046	2106	2126	2146	2206	2256	2326	2356	0026	
Headstone Lane	0609	0639	0709	0729	0749	until	1609	1629	1651	1711	1731	1751	1811	1831	1851	1911	1931	1949	2009	2029	2049	2109	2129	2149	2209	2259	2329	2359	0029		
Hatch End	0611	0641	0711	0731	0751		1611	1631	1653	1713	1733	1753	1813	1833	1853	1913	1933	1951	2011	2031	2051	2111	2131	2151	2211	2231	2301	2331	0001	0031	
Carpenters Park	0614	0644	0714	0734	0754		1614	1634	1656	1716	1736	1756	1816	1836	1856	1916	1936	1954	2014	2034	2054	2114	2134	2154	2214	2234	2304	2334	0004	0034	
Bushey	0617	0647	0717	0737	0757		1617	1637	1659	1719	1739	1759	1819	1839	1859	1919	1939	1957	2017	2037	2057	2117	2137	2157	2217	2237	2307	2337	0007	0037	
Watford High Street	0620	0650	0720	0740	0800		1620	1640	1701	1721	1741	1801	1821	1841	1901	1921	1941	2000	2020	2040	2100	2120	2140	2200	2220	2240	2310	2340	0010	0040	
Watford Junction	SN	LM	0624	0654	0728	0746	0804	1624	1644	1708	1728	1748	1808	1828	1848	1908	1928	1948	2004	2028	2044	2108	2128	2144	2204	2224	2244	2314	2344	0014	0044

T Frequent Bakerloo line services run between these stations. Please see London Underground publicity for more details

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SN Southern services also call at these stations. Please see Southern publicity for more details

Northbound towards Watford Junction

Saturdays

Sundays

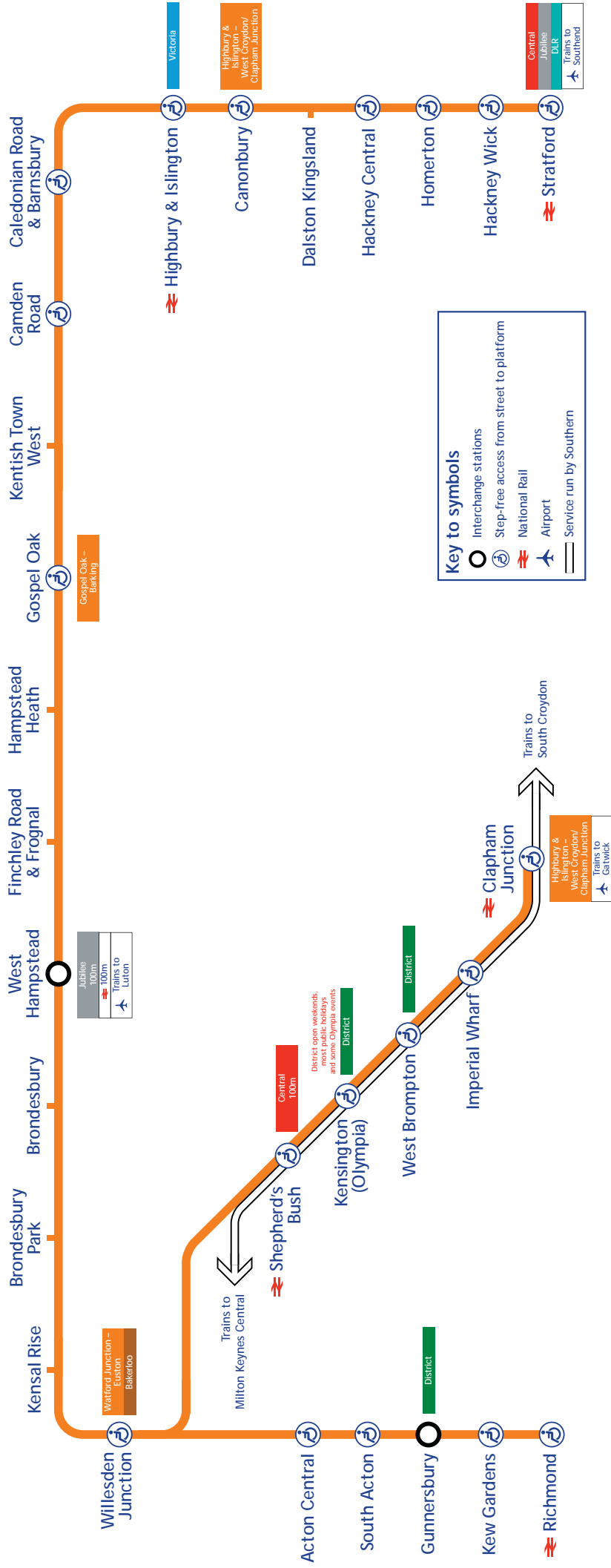
Euston	LM	0537	0607	0637	0657	0717		0647	0717	0747	0817	0847	0917	0937	0957		2217	2247	2317	2347
South Hampstead		0543	0613	0643	0703	0723		0653	0723	0753	0823	0853	0923	0943	1003		2223	2253	2323	2353
Kilburn High Road		0544	0614	0644	0704	0724		0654	0724	0754	0824	0854	0924	0944	1004		2224	2254	2324	2354
Queen's Park	T	0546	0616	0646	0706	0726		0656	0726	0756	0826	0856	0926	0946	1006		2226	2256	2326	2356
Kensal Green	T	0548	0618	0648	0708	0728		0658	0728	0758	0828	0858	0928	0948	1008		2228	2258	2328	2358
Willesden Junction	T	0551	0621	0651	0711	0731	then	0701	0731	0801	0831	0901	0931	0951	1011	then	2231	2301	2331	0001
Harlesden	T	0553	0623	0653	0713	0733	at	0703	0733	0803	0833	0903	0933	0953	1013	at	2233	2303	2333	0003
Stonebridge Park	T	0555	0625	0655	0715	0735	the	0705	0735	0805	0835	0905	0935	0955	1015	the	2235	2305	2335	0005
Wembley Central	SN	0558	0628	0658	0718	0738	same	0708	0738	0808	0838	0908	0938	0958	1018	same	2238	2308	2338	0008
North Wembley	T	0600	0630	0700	0720	0740	time	0710	0740	0810	0840	0910	0940	1000	1020	time	2240	2310	2340	0010
South Kenton	T	0602	0632	0702	0722	0742	past	0712	0742	0812	0842	0912	0942	1002	1022	past	2242	2312	2342	0012
Kenton	T	0604	0634	0704	0724	0744	each	0714	0744	0814	0844	0914	0944	1004	1024	each	2244	2314	2344	0014
Harrow & Wealdstone	SN LM T	0606	0636	0706	0726	0746	hour	0716	0746	0816	0846	0916	0946	1006	1026	hour	2246	2316	2346	0016
Headstone Lane		0609	0639	0709	0729	0749	until	0719	0749	0819	0849	0919	0949	1009	1029	until	2249	2319	2349	0019
Hatch End		0611	0641	0711	0731	0751		0722	0751	0821	0851	0921	0951	1011	1031		2251	2321	2351	0021
Carpenders Park		0614	0644	0714	0734	0754		0724	0754	0824	0854	0924	0954	1014	1034		2254	2324	2354	0024
Bushey	LM	0617	0647	0717	0737	0757		0727	0757	0827	0857	0927	0957	1017	1037		2257	2327	2357	0027
Watford High Street		0620	0650	0720	0740	0800		0730	0800	0830	0900	0930	1000	1020	1040		2300	2330	2359	0030
Watford Junction	SN LM	0624	0655	0728	0748	0808		0736	0806	0834	0904	0935	1008	1028	1048		2304	2334	0004	0035

T Frequent Bakerloo line services run between these stations. Please see London Underground publicity for more details

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SN Southern services also call at these stations. Please see Southern publicity for more details

Richmond/Clapham Junction – Stratford



Eastbound towards Stratford

Mondays to Fridays

	SNG										SNG										SNG									
Richmond	T	1108	1128	1138	1139	1146	1201	1208	1228	1238	1239	1246	1301	1308	1327	1338	1339	1346	1401	1410	1410	1410								
Kew Gardens	T	1111	1131	1141	1144	1150	1205	1211	1231	1241	1244	1250	1301	1311	1330	1341	1344	1350	1401	1413	1413	1413								
Gunnersbury	T	1114	1134	1144	1147	1153	1208	1214	1234	1244	1247	1253	1304	1314	1333	1344	1347	1353	1404	1416	1416	1416								
South Acton		1117	1137	1147	1150	1156	1211	1217	1237	1247	1250	1256	1307	1317	1336	1347	1350	1356	1407	1419	1419	1419								
Acton Central		1120	1140	1150	1153	1158	1213	1220	1240	1250	1253	1258	1310	1320	1339	1350	1353	1358	1410	1422	1422	1422								
Clapham Junction		1116	1131	1131	1139	1146	1201	1201	1216	1231	1239	1246	1301	1316	1331	1331	1339	1346	1401	1416	1416	1416								
Imperial Wharf		1120	1135	1135	1144	1150	1205	1205	1220	1235	1244	1250	1305	1320	1335	1344	1350	1405	1420	1420	1420	1420								
West Brompton		1123	1138	1138	1147	1153	1208	1211	1223	1238	1247	1253	1308	1323	1338	1347	1353	1408	1423	1423	1423	1423								
Kensington (Olympia)		1126	1141	1141	1150	1156	1211	1211	1226	1241	1250	1256	1311	1326	1341	1350	1356	1411	1426	1426	1426	1426								
Shepherd's Bush		1128	1143	1143	1153	1158	1213	1213	1228	1243	1253	1258	1313	1328	1343	1353	1358	1413	1428	1428	1428	1428								
Willesden Junction		1126	1136	1146	1151	1156	1216	1222	1236	1246	1251	1256	1321	1326	1345	1352	1406	1416	1420	1426	1436	1436								
Kensal Rise		1128	1138	1148	1158	1208	1218	1228	1238	1248	1258	1308	1318	1328	1348	1359	1409	1419	1428	1438	1438	1438								
Brondesbury Park		1130	1140	1150	1200	1210	1220	1230	1240	1250	1300	1310	1320	1330	1350	1401	1411	1421	1430	1440	1440	1440								
Brondesbury		1132	1142	1152	1202	1212	1222	1232	1242	1252	1302	1312	1322	1332	1352	1402	1412	1422	1432	1442	1442	1442								
West Hampstead		1134	1144	1154	1204	1214	1224	1234	1244	1254	1304	1314	1324	1334	1354	1404	1414	1424	1434	1444	1444	1444								
Finchley Road & Frognal		1135	1145	1155	1205	1215	1225	1235	1245	1255	1305	1315	1325	1335	1355	1406	1416	1426	1436	1446	1446	1446								
Hampstead Heath		1138	1148	1158	1208	1218	1228	1238	1248	1258	1308	1318	1328	1338	1358	1408	1418	1428	1438	1448	1448	1448								
Gospel Oak		1140	1150	1200	1210	1221	1230	1240	1250	1300	1310	1320	1330	1340	1400	1411	1421	1431	1440	1450	1450	1450								
Kentish Town West		1142	1152	1202	1212	1223	1232	1242	1252	1302	1312	1322	1332	1342	1402	1413	1423	1433	1442	1452	1452	1452								
Camden Road		1146	1156	1206	1216	1226	1236	1246	1256	1306	1316	1326	1336	1346	1406	1416	1426	1436	1446	1456	1456	1456								
Caledonian Road & Barnsbury		1149	1159	1209	1219	1230	1239	1249	1259	1309	1319	1329	1339	1349	1409	1419	1429	1439	1449	1459	1459	1459								
Highbury & Islington		1152	1202	1212	1222	1233	1242	1252	1302	1312	1322	1332	1342	1352	1402	1412	1422	1432	1442	1452	1452	1452								
Canonbury		1154	1204	1214	1224	1235	1244	1254	1304	1314	1324	1334	1344	1354	1404	1414	1424	1434	1444	1454	1454	1454								
Dalston Kingsland		1156	1206	1216	1226	1237	1246	1256	1306	1316	1326	1336	1347	1356	1406	1416	1426	1436	1446	1456	1456	1456								
Hackney Central		1158	1208	1218	1228	1239	1248	1258	1308	1318	1328	1338	1349	1358	1408	1418	1428	1438	1448	1458	1458	1458								
Homerton		1200	1210	1220	1230	1241	1250	1300	1310	1320	1330	1340	1351	1400	1410	1420	1430	1440	1450	1500	1510	1510								
Hackney Wick		1202	1212	1222	1232	1243	1252	1302	1312	1322	1332	1342	1353	1402	1412	1422	1432	1442	1452	1502	1512	1512								
Stratford		1209	1219	1229	1239	1251	1259	1309	1319	1329	1339	1349	1359	1409	1419	1429	1439	1449	1459	1512	1519	1519								

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Eastbound towards Stratford

Mondays to Fridays

	T	1428	1438	SN G	1458	1508	1526	SN G	1538	SN G	1553	1609	1623	1636	SN G	1653	SN	1706	1723
Richmond	T	1428	1438		1458	1508	1526		1538		1553	1609	1623	1636		1653		1706	1723
Kew Gardens	T	1431	1441		1501	1511	1529		1541		1556	1612	1626	1639		1656		1709	1726
Gunnersbury	T	1434	1444		1504	1514	1532		1544		1559	1615	1629	1642		1659		1712	1729
South Acton		1437	1447		1507	1517	1535		1547		1602	1618	1632	1645		1702		1715	1732
Acton Central		1440	1450		1510	1520	1538		1550		1606	1621	1636	1649		1706		1720	1736
Clapham Junction		1431	1439	1446	1501	1516	1516	1530	1550	1539	1546	1600	1615	1630	1639	1645	1649	1700	1715
Imperial Wharf		1435	1444	1455	1505	1520	1520	1534	1556	1544	1550	1604	1619	1634	1644	1649	1653	1704	1719
West Brompton		1438	1447	1458	1508	1523	1537	1537	1558	1547	1553	1607	1622	1637	1647	1652	1656	1707	1722
Kensington (Olympia)		1441	1450	1501	1511	1526	1540	1540	1560	1550	1556	1610	1625	1640	1650	1655	1659	1710	1725
Shepherd's Bush		1443	1453	1503	1513	1528	1542	1542	1562	1553	1558	1612	1627	1642	1653	1657	1712	1727	1742
Willesden Junction		1446	1457	1510	1516	1526	1536	1545	1551	1605	1612	1620	1635	1642	1650	1657	1705	1720	1735
Kensal Rise		1448	1458	1513	1518	1528	1538	1547	1558	1609	1614	1622	1637	1644	1652	1659	1707	1722	1737
Brondesbury Park		1450	1500	1515	1520	1530	1540	1549	1600	1611	1616	1624	1631	1639	1646	1654	1709	1724	1739
Brondesbury		1452	1503	1516	1522	1532	1542	1551	1602	1612	1618	1626	1633	1641	1648	1656	1711	1726	1741
West Hampstead		1454	1505	1518	1524	1534	1544	1553	1604	1614	1620	1628	1635	1643	1650	1658	1713	1728	1743
Finchley Road & Frognal		1455	1506	1520	1525	1535	1545	1554	1605	1616	1621	1629	1636	1644	1651	1659	1714	1729	1744
Hampstead Heath		1458	1509	1522	1528	1538	1548	1557	1608	1618	1624	1632	1639	1647	1654	1702	1717	1732	1747
Gospel Oak		1500	1510	1526	1530	1540	1550	1600	1610	1621	1626	1634	1641	1649	1656	1704	1719	1734	1749
Kentish Town West		1502	1512	1528	1532	1542	1552	1602	1612	1623	1628	1636	1643	1651	1658	1706	1721	1736	1751
Camden Road		1506	1516	1532	1536	1546	1556	1605	1616	1625	1632	1640	1647	1655	1702	1710	1725	1740	1755
Caledonian Road & Barnsbury		1509	1519	1535	1539	1549	1559	1608	1619	1628	1635	1643	1650	1658	1705	1713	1728	1743	1758
Highbury & Islington		1512	1522	1538	1542	1552	1602	1611	1622	1631	1638	1646	1653	1701	1708	1716	1723	1738	1805
Canonbury		1514	1524	1540	1544	1554	1604	1613	1624	1633	1640	1648	1655	1703	1710	1718	1725	1740	1808
Dalston Kingsland		1516	1526	1542	1546	1556	1606	1615	1626	1635	1642	1650	1657	1705	1712	1720	1727	1742	1810
Hackney Central		1518	1528	1544	1548	1558	1608	1617	1628	1637	1644	1652	1701	1714	1722	1729	1737	1752	1814
Homerton		1520	1530	1546	1550	1600	1610	1619	1625	1639	1646	1654	1701	1709	1716	1724	1731	1746	1816
Hackney Wick		1522	1532	1549	1552	1602	1612	1621	1627	1642	1648	1656	1703	1711	1718	1726	1733	1748	1818
Stratford		1530	1539	1554	1557	1609	1618	1627	1632	1649	1654	1703	1710	1718	1724	1733	1750	1805	1824

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8 December 2013 to 17 May 2014

Eastbound towards Stratford

Saturdays

	SN A	SN C		0558	0608	SN A		0628	SN E	0638		0708		0728		0738	SN G	1758		1808		1828
Richmond	T				0608			0628	0638			0708		0728		0738		1758		1808		1828
Kew Gardens	T			0601	0611			0631	0641			0711		0731		0741		1801		1811		1831
Gunnersbury	T			0604	0614			0634	0644			0714		0734		0744		1804		1814		1834
South Acton				0607	0617			0637	0647			0717		0737		0747		1807		1817		1837
Acton Central				0610	0620			0640	0650			0720		0740		0750		1810		1820		1840
Clapham Junction		0508	0538			0609	0616		0636	0646		0701	0716		0731	0739		1746	1801		1816	1831
Imperial Wharf		0512	0542			0613	0620		0641	0650		0705	0720		0735	0744		1750	1805		1820	1835
West Brompton		0515	0545			0616	0623		0644	0653		0708	0723		0738	0747		1753	1808		1823	1838
Kensington (Olympia)		0519	0549			0620	0626		0647	0656		0711	0726		0741	0750		1756	1811		1826	1841
Shepherd's Bush		0522	0552			0623	0628		0650	0658		0713	0728		0743	0753		1758	1813		1828	1843
Willesden Junction				0557	0608		0636	0646	0650	0656		0721	0736	0746	0751	0756		1806	1816	1821	1826	1846
Kensal Rise				0601	0628		0638	0648	0658	0658		0728	0738	0748	0758	0758		1808	1818	1828	1838	1848
Brondesbury Park				0603	0630		0640	0650	0700	0700		0730	0740	0750	0800	0800		1810	1820	1830	1840	1850
Brondesbury				0605	0632		0642	0652	0702	0702		0732	0742	0752	0802	0802		1812	1822	1832	1842	1852
West Hampstead				0607	0634		0644	0654	0704	0704		0734	0744	0754	0804	0804		1814	1824	1834	1844	1854
Finchley Road & Frogmal				0608	0635		0645	0655	0705	0705		0735	0745	0755	0805	0805		1815	1825	1835	1845	1855
Hampstead Heath				0611	0638		0648	0658	0708	0708		0738	0748	0758	0808	0808		1818	1828	1838	1848	1858
Gospel Oak				0613	0640		0650	0700	0710	0710		0740	0750	0800	0810	0810		1820	1830	1840	1850	1900
Kentish Town West				0615	0642		0652	0702	0712	0712		0742	0752	0802	0812	0812		1822	1832	1842	1852	1902
Camden Road				0619	0646		0656	0706	0716	0716		0746	0756	0806	0816	0816		1826	1836	1846	1856	1906
Caledonian Road & Barnsbury				0622	0649		0659	0709	0719	0719		0749	0759	0809	0819	0819		1829	1839	1849	1859	1909
Highbury & Islington				0625	0652		0702	0712	0722	0722		0752	0802	0812	0822	0822		1832	1842	1852	1902	1912
Canonbury				0627	0654		0704	0714	0724	0724		0754	0804	0814	0824	0824		1834	1844	1854	1904	1914
Dalston Kingsland				0629	0656		0706	0716	0726	0726		0756	0806	0816	0826	0826		1836	1846	1856	1906	1916
Hackney Central				0631	0658		0708	0718	0728	0728		0758	0808	0818	0828	0828		1838	1848	1858	1908	1918
Homerton				0633	0700		0710	0720	0730	0730		0800	0810	0820	0830	0830		1840	1850	1900	1910	1920
Hackney Wick				0635	0702		0712	0722	0732	0732		0802	0812	0822	0832	0832		1842	1852	1902	1912	1922
Stratford				0643	0709		0719	0729	0739	0739		0810	0821	0830	0841	0841		1851	1900	1910	1921	1930

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Eastbound towards Stratford

Saturdays

	SN H	SN H	SN H	SN H	SN H	SN H	SN H	SN H	SN H	SN A	SN A	SN A	SN A
Richmond	T 1838		1858	1908	1938	1958	2001	2008	2016	2020	2025	2031	2108
Kew Gardens	T 1841		1901	1911	1941	2001	2001	2011	2020	2023	2029	2035	2111
Gunnersbury	T 1844		1904	1914	1944	2004	2004	2014	2020	2026	2032	2038	2114
South Acton	1847		1907	1917	1947	2007	2007	2017	2020	2029	2036	2041	2117
Acton Central	1850		1910	1920	1950	2010	2010	2020	2028	2033	2039	2043	2120
Clapham Junction		1839 1846	1901	1916	1931	1946	2001	2001	2016	2020	2025	2031	2101
Imperial Wharf		1844 1850	1905	1920	1935	1942	2005	2005	2020	2020	2029	2035	2105
West Brompton		1847 1853	1908	1923	1938	1945	2008	2008	2023	2023	2032	2038	2108
Kensington (Olympia)		1850 1856	1911	1926	1941	1948	2011	2011	2026	2026	2036	2041	2111
Shepherd's Bush		1853 1858	1913	1928	1943	1950	2013	2013	2028	2028	2039	2043	2113
Willesden Junction	1856	1906 1916	1921	1926	1956	2006	2016	2021	2026	2036	2041	2051	2121
Kensal Rise	1858	1908 1918	1928	1938	1958	2008	2018	2028	2028	2043	2043	2058	2128
Brondesbury Park	1900	1910 1920	1930	1940	2000	2010	2020	2030	2030	2045	2045	2100	2130
Brondesbury	1902	1912 1922	1932	1942	2002	2012	2022	2032	2032	2047	2047	2102	2132
West Hampstead	1904	1914 1924	1934	1944	2004	2014	2024	2034	2034	2049	2049	2104	2134
Finchley Road & Frognal	1905	1915 1925	1935	1945	2005	2015	2025	2035	2035	2050	2050	2105	2135
Hampstead Heath	1908	1918 1928	1938	1948	2008	2018	2028	2038	2038	2053	2053	2108	2138
Gospel Oak	1910	1920 1930	1940	1950	2010	2020	2030	2040	2040	2055	2055	2110	2140
Kentish Town West	1912	1922 1932	1942	1952	2012	2022	2032	2042	2042	2057	2057	2112	2142
Camden Road	1916	1926 1936	1946	1956	2016	2026	2036	2046	2046	2101	2101	2116	2146
Caledonian Road & Barnsbury	1919	1929 1939	1949	1959	2019	2029	2039	2049	2049	2104	2104	2119	2149
Highbury & Islington	1922	1932 1942	1952	2002	2022	2032	2042	2052	2052	2107	2107	2122	2152
Canonbury	1924	1934 1944	1954	2004	2024	2034	2044	2054	2054	2109	2109	2124	2154
Dalston Kingsland	1926	1936 1946	1956	2006	2026	2036	2046	2056	2056	2111	2111	2126	2156
Hackney Central	1928	1938 1948	1958	2008	2028	2038	2048	2058	2058	2113	2113	2128	2158
Homerton	1930	1940 1950	2000	2010	2030	2040	2050	2100	2100	2115	2115	2130	2200
Hackney Wick	1932	1942 1952	2002	2012	2032	2042	2052	2102	2102	2117	2117	2132	2202
Stratford	1940	1951 2000	2010	2021	2040	2049	2059	2108	2108	2123	2123	2138	2208

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Eastbound towards Stratford

Saturdays

		2150	2208	2220	2238	SNA	2250	2302	2328
Richmond	T	2150	2208	2220	2238		2250	2302	2328
Kew Gardens	T	2153	2211	2223	2241		2253	2305	2331
Gunnersbury	T	2156	2214	2226	2244		2256	2308	2334
South Acton		2159	2217	2229	2247		2259	2311	2337
Acton Central		2203	2220	2233	2250		2303	2314	2340
Clapham Junction		2146	2201	2216	2231	2239	2246	2301	2331
Imperial Wharf		2150	2205	2220	2235	2244	2250	2305	2335
West Brompton		2153	2208	2223	2238	2247	2253	2308	2338
Kensington (Olympia)		2156	2211	2226	2241	2250	2256	2311	2341
Shepherd's Bush		2158	2213	2228	2243	2253	2258	2313	2343
Willesden Junction		2206	2221	2236	2251	2256	2306	2320	2346
Kensal Rise		2213	2228	2243	2258	2300	2313	2322	2351
Brondesbury Park		2215	2230	2245	2300	2300	2315	2324	
Brondesbury		2217	2232	2247	2302	2302	2317	2326	
West Hampstead		2219	2234	2249	2304	2304	2319	2328	
Finchley Road & Frognal		2220	2235	2250	2305	2305	2320	2329	
Hampstead Heath		2223	2238	2253	2308	2308	2323	2332	
Gospel Oak		2225	2240	2255	2310	2310	2325	2334	
Kentish Town West		2227	2242	2257	2312	2312	2327	2336	
Camden Road		2231	2246	2301	2316	2316	2331	2340	
Caledonian Road & Barnsbury		2234	2249	2304	2319	2319	2334	2343	
Highbury & Islington		2237	2252	2307	2322	2322	2337	2346	
Canonbury		2239	2254	2309	2324	2324	2339	2348	
Dalston Kingsland		2241	2256	2311	2326	2326	2341	2350	
Hackney Central		2243	2258	2313	2328	2328	2343	2352	
Homerton		2245	2300	2315	2330	2330	2345	2354	
Hackney Wick		2247	2302	2317	2332	2332	2347	2356	
Stratford		2253	2308	2323	2338	2338	2354	0003	

Eastbound towards Stratford

Sundays

	SN	SN A		SN A		SN A		SN A		SN A		SN A		SN A		SN A		SN A		SN A												
Richmond	T		0859		0917	0929		0915	0931	0947	0958		1010		1015	1021	1029		1031	1040		1059		1110		1115	1121	1129		1131		1140
Kew Gardens	T		0902		0920	0932		0919	0935	0950	1002		1013		1019	1025	1032		1035	1043		1102		1113		1119		1125		1135		1143
Gunnersbury	T		0905		0923	0935		0922	0938	0953	1005		1016		1022	1028	1035		1038	1046		1105		1116		1122		1128		1138		1146
South Acton			0908		0926	0938		0926	0941	0956	1008		1019		1026	1031	1038		1041	1049		1108		1119		1126		1131		1141		1149
Acton Central			0911		0929	0941		0929	0943	0959	1011		1022		1029	1033	1041		1043	1052		1111		1122		1129		1133		1143		1152
Clapham Junction		0724	0815	0831	0901			0915	0931					1001		1015	1021		1031	1046		1101		1111		1115	1121	1129		1131		1146
Imperial Wharf		0728	0819	0835	0905			0919	0935				1005		1019	1025	1032		1035	1050		1105		1115		1119	1125	1135		1146		1150
West Brompton		0731	0822	0838	0908			0922	0938				1008		1022	1028	1035		1038	1053		1108		1118		1122	1128	1138		1149		1153
Kensington (Olympia)		0734	0826	0841	0911			0926	0941				1011		1026	1031	1038		1041	1056		1111		1122		1126	1131	1141		1156		1160
Shepherd's Bush		0736	0829	0843	0913			0929	0943				1013		1029	1033	1041		1043	1058		1113		1122		1129	1133	1143		1158		1162
Willesden Junction			0900	0917	0921	0935	0947	0935	0947	0951	1005	1017	1021	1028	1041	1047	1051	1058	1065	1072	1080	1088	1096	1104	1112	1118	1124	1130	1137	1145	1153	1160
Kensal Rise			0904	0919	0937	0950		0937	0950				1030		1043	1049	1058	1065	1072	1080	1088	1096	1104	1112	1118	1124	1130	1137	1145	1153	1160	1167
Brondesbury Park			0906	0921	0939	0952		0939	0952				1032		1045	1051	1058	1065	1072	1080	1088	1096	1104	1112	1118	1124	1130	1137	1145	1153	1160	1167
Brondesbury			0908	0923	0941	0953		0941	0953				1034		1047	1053	1060	1067	1074	1082	1090	1098	1106	1114	1122	1128	1134	1141	1149	1157	1164	1171
West Hampstead			0910	0925	0943	0955		0943	0955				1036		1049	1055	1062	1069	1076	1084	1092	1100	1108	1116	1124	1132	1139	1146	1154	1161	1168	1175
Finchley Road & Frognal			0911	0926	0944	0957		0944	0957				1037		1050	1056	1063	1070	1077	1085	1092	1100	1108	1116	1124	1132	1139	1146	1154	1161	1168	1175
Hampstead Heath			0914	0929	0947	0959		0947	0959				1040		1053	1059	1066	1073	1080	1088	1095	1103	1111	1119	1127	1135	1143	1151	1159	1167	1175	1183
Gospel Oak			0916	0931	0949	1002		0949	1002				1042		1055	1101	1108	1115	1122	1130	1137	1145	1153	1161	1169	1177	1185	1193	1201	1209	1217	1225
Kentish Town West			0918	0933	0951	1004		0951	1004				1044		1057	1103	1110	1117	1124	1132	1139	1147	1155	1163	1171	1179	1187	1195	1203	1211	1219	1227
Camden Road			0922	0937	0955	1007		0955	1007				1048		1101	1107	1114	1121	1128	1136	1143	1151	1159	1167	1175	1183	1191	1199	1207	1215	1223	1231
Caledonian Road & Barnsbury			0925	0940	0958	1010		0958	1010				1051		1104	1110	1111	1118	1126	1134	1142	1150	1158	1166	1174	1182	1190	1198	1206	1214	1222	1230
Highbury & Islington			0928	0943	1001	1013		1001	1013				1054		1107	1113	1114	1121	1129	1137	1145	1153	1161	1169	1177	1185	1193	1201	1209	1217	1225	1233
Canonbury			0930	0945	1003	1015		1003	1015				1056		1109	1115	1116	1123	1131	1139	1147	1155	1163	1171	1179	1187	1195	1203	1211	1219	1227	1235
Dalston Kingsland			0932	0947	1005	1017		1005	1017				1058		1111	1117	1112	1119	1127	1135	1143	1151	1159	1167	1175	1183	1191	1199	1207	1215	1223	1231
Hackney Central			0934	0949	1007	1019		1007	1019				1100		1113	1119	1114	1121	1129	1137	1145	1153	1161	1169	1177	1185	1193	1201	1209	1217	1225	1233
Homerton			0936	0951	1009	1021		1009	1021				1102		1115	1121	1116	1123	1131	1139	1147	1155	1163	1171	1179	1187	1195	1203	1211	1219	1227	1235
Hackney Wick			0938	0953	1011	1023		1011	1023				1104		1117	1123	1118	1125	1133	1141	1149	1157	1165	1173	1181	1189	1197	1205	1213	1221	1229	1237
Stratford			0948	1000	1018	1030		1018	1030				1111		1124	1130	1119	1126	1134	1142	1150	1158	1166	1174	1182	1190	1198	1206	1214	1222	1230	1238

Eastbound towards Stratford

Sundays

	SN A										SN A										SN A									
Richmond	1159	1210	1229	1240	1259	1201	2001	2010	2022	2041	2052	2111	2129	2141	2159	2046	2058	2113	2128	2132	2142	2147	2151	2205	2217					
Kew Gardens	T 1202	1213	1232	1243	1302	1205	2005	2013	2032	2043	2050	2101	2120	2135	2150	2046	2053	2105	2119	2120	2149	2150	2207	2219	2221					
Gunnersbury	T 1205	1216	1235	1246	1305	2008	2008	2016	2035	2046	2053	2108	2123	2138	2153	2049	2056	2111	2125	2126	2144	2156	2208	2211	2223					
South Acton	1208	1219	1238	1249	1308	2011	2011	2019	2038	2049	2056	2111	2126	2141	2156	2052	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Acton Central	1211	1222	1241	1252	1311	2013	2013	2022	2041	2052	2058	2111	2129	2141	2159	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Clapham Junction	1201	1205	1216	1231	1246	1205	2001	2005	2016	2031	2046	2101	2117	2131	2146	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Imperial Wharf	1205	1209	1220	1235	1250	2005	2005	2009	2020	2035	2050	2105	2120	2135	2150	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
West Brompton	1208	1212	1223	1238	1253	2008	2008	2012	2023	2038	2053	2108	2123	2138	2153	2046	2053	2108	2123	2126	2141	2156	2208	2211	2225					
Kensington (Olympia)	1211	1216	1226	1241	1256	2011	2011	2016	2026	2041	2056	2111	2126	2141	2156	2046	2053	2108	2123	2126	2141	2156	2208	2211	2225					
Shepherd's Bush	1213	1219	1228	1243	1258	2013	2013	2019	2028	2043	2058	2113	2128	2143	2158	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Willesden Junction	1217	1221	1236	1247	1251	2021	2021	2028	2036	2047	2051	2121	2135	2142	2151	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Kensal Rise	1219	1230	1238	1249	1300	2021	2021	2030	2036	2049	2100	2119	2138	2149	2207	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Brondesbury Park	1221	1232	1240	1251	1321	2021	2021	2032	2036	2051	2102	2121	2140	2151	2209	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Brondesbury	1223	1234	1242	1253	1323	2021	2021	2034	2036	2053	2104	2123	2142	2153	2211	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
West Hampstead	1225	1236	1244	1255	1325	2021	2021	2036	2036	2055	2106	2125	2144	2155	2213	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Finchley Road & Frognal	1226	1237	1245	1256	1326	2021	2021	2037	2037	2056	2107	2126	2145	2156	2214	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Hampstead Heath	1229	1240	1248	1259	1329	2021	2021	2040	2040	2059	2110	2129	2148	2159	2217	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Gospel Oak	1231	1242	1250	1301	1331	2021	2021	2042	2042	2101	2112	2131	2150	2201	2219	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Kentish Town West	1233	1244	1252	1303	1333	2021	2021	2044	2044	2103	2114	2133	2152	2203	2221	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Camden Road	1237	1248	1256	1307	1337	2021	2021	2048	2048	2107	2118	2137	2155	2207	2225	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Caledonian Road & Barnsbury	1240	1251	1259	1310	1340	2021	2021	2051	2051	2110	2121	2140	2158	2210	2228	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Highbury & Islington	1243	1254	1302	1313	1343	2021	2021	2054	2054	2113	2124	2143	2161	2213	2231	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Canonbury	1245	1256	1304	1315	1345	2021	2021	2056	2056	2115	2126	2145	2163	2215	2233	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Dalston Kingsland	1247	1258	1306	1317	1347	2021	2021	2058	2058	2117	2128	2147	2165	2217	2235	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Hackney Central	1249	1300	1308	1319	1349	2021	2021	2100	2100	2119	2130	2149	2167	2219	2237	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Homerton	1251	1302	1310	1321	1351	2021	2021	2102	2102	2121	2132	2151	2169	2221	2239	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Hackney Wick	1253	1304	1312	1323	1353	2021	2021	2104	2104	2123	2134	2153	2171	2223	2241	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					
Stratford	1300	1311	1319	1330	1400	2021	2021	2111	2111	2130	2141	2200	2218	2230	2248	2046	2058	2113	2128	2132	2143	2158	2208	2211	2225					

Key to symbols and notes - see page 26

Eastbound towards Stratford

Sundays

	SN A							
Richmond		T			2227		2300	
Kew Gardens		T			2231		2303	
Gunnersbury		T			2234		2306	
South Acton					2237		2309	
Acton Central					2240		2312	
Clapham Junction	2201	2215	2221		2246	2246	2316	
Imperial Wharf	2205	2219	2225		2250	2250	2320	
West Brompton	2208	2222	2228		2253	2253	2323	
Kensington (Olympia)	2211	2226	2231		2256	2256	2326	
Shepherd's Bush	2213	2229	2233		2258	2258	2328	
Willesden Junction	2223	2241	2246	2308	2318	2318	2336	
Kensal Rise			2249		2320	2320		
Brondesbury Park			2251		2322	2322		
Brondesbury			2252		2324	2324		
West Hampstead			2254		2326	2326		
Finchley Road & Frognal			2256		2327	2327		
Hampstead Heath			2258		2330	2330		
Gospel Oak			2301		2332	2332		
Kentish Town West			2303		2334	2334		
Camden Road			2306		2338	2338		
Caledonian Road & Barnsbury			2309		2341	2341		
Highbury & Islington			2312		2344	2344		
Canonbury			2314		2346	2346		
Dalston Kingsland			2316		2348	2348		
Hackney Central			2318		2350	2350		
Hornerton			2320		2352	2352		
Hackney Wick			2322		2354	2354		
Stratford			2327		2359	2359		

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Westbound towards Richmond/Clapham Junction

Monday to Fridays

	SN J	0547	0605	0612	0620	SN J	0627	0635	0642	0650	0657	0702	SN J	SN K	0710	0717	0727	0735	SN	0742	0750	0757	0803	SN	T	
Stratford																										
Hackney Wick		0550	0608	0615	0623		0630	0638	0645	0653	0700	0706			0713	0720	0730	0738		0745	0753	0800	0806			
Homerton		0553	0611	0618	0626		0633	0641	0648	0656	0703	0709			0716	0723	0733	0741		0748	0756	0803	0809			
Hackney Central		0555	0613	0620	0628		0635	0643	0650	0658	0705	0711			0718	0725	0735	0743		0750	0758	0805	0811			
Dalston Kingsland		0557	0615	0622	0630		0637	0645	0652	0700	0707	0713			0720	0727	0737	0745		0752	0800	0807	0813			
Canonbury		0559	0617	0624	0632		0639	0647	0654	0702	0709	0715			0722	0729	0739	0747		0754	0802	0809	0815			
Highbury & Islington		0601	0619	0626	0634		0641	0649	0656	0704	0711	0717			0725	0732	0742	0749		0756	0804	0811	0818			
Caledonian Road & Barnsbury		0603	0621	0628	0636		0643	0651	0658	0706	0713	0719			0727	0734	0744	0751		0758	0806	0813	0820			
Camden Road		0607	0625	0632	0640		0647	0655	0702	0710	0717	0723			0730	0737	0747	0755		0802	0810	0817	0823			
Kentish Town West		0609	0627	0634	0642		0649	0657	0704	0712	0719	0725			0733	0740	0750	0757		0804	0812	0819	0825			
Gospel Oak		0612	0630	0637	0645		0652	0700	0707	0715	0722	0728			0736	0743	0753	0800		0807	0815	0822	0828			
Hampstead Heath		0614	0632	0639	0647		0654	0702	0709	0717	0724	0729			0738	0745	0755	0802		0809	0817	0824	0830			
Finchley Road & Frognal		0616	0634	0641	0649		0656	0704	0711	0719	0726	0731			0740	0747	0757	0804		0811	0819	0826	0832			
West Hampstead		0618	0636	0643	0651		0658	0706	0713	0721	0728	0733			0742	0749	0759	0806		0813	0821	0828	0834			
Brondesbury		0620	0638	0645	0653		0700	0708	0715	0723	0730	0735			0744	0750	0801	0808		0815	0823	0830	0835			
Brondesbury Park		0621	0639	0646	0654		0701	0709	0716	0724	0731	0736			0745	0752	0802	0809		0816	0824	0831	0837			
Kensal Rise		0623	0641	0648	0656		0703	0711	0718	0726	0733	0738			0747	0754	0804	0811		0818	0826	0833	0839			
Willesden Junction	0601	0609	0633	0641	0652	0701	0708	0716	0723	0731	0738	0743			0752	0801	0808	0816		0823	0831	0838	0845			
Shepherd's Bush	0607	0621	0639	0653	0708	0720	0720	0724	0739	0750	0757	0805			0809	0816	0823	0834		0838	0845	0853	0907			
Kensington (Olympia)	0609	0624	0641	0655	0710	0723	0723	0726	0741	0752	0759	0808			0811	0818	0825	0836		0840	0847	0855	0909			
West Brompton	0612	0627	0644	0658	0713	0726	0726	0733	0743	0755	0800	0811			0812	0819	0828	0839		0843	0850	0901	0912			
Imperial Wharf	0615	0629	0647	0701	0716	0728	0728	0735	0746	0758	0803	0814			0815	0822	0831	0842		0846	0853	0901	0915			
Clapham Junction	0622	0634	0653	0708	0723	0733	0733	0740	0754	0805	0807	0818			0823	0830	0838	0846		0854	0861	0868	0875			
Acton Central		0614	0633	0646	0658		0713	0728	0744	0759	0774	0789			0794	0809	0824	0839		0844	0859	0874	0889			
South Acton		0616	0636	0649	0701		0716	0730	0746	0762	0778	0794			0800	0816	0832	0848		0830	0846	0862	0878			
Gunnersbury		0620	0639	0653	0704		0720	0733	0749	0765	0781	0797			0804	0819	0835	0851		0833	0848	0864	0880			
Kew Gardens		0623	0642	0656	0707		0723	0736	0752	0766	0782	0798			0807	0822	0837	0854		0836	0851	0866	0881			
Richmond		0631	0649	0704	0714		0729	0744	0759	0774	0789	0804			0813	0828	0843	0858		0843	0858	0873	0888			

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Westbound towards Richmond/Clapham Junction

Mondays to Fridays

	SN L	SN	SN J	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L							
Stratford	0812	0820	0827	0835	0842	0850	0857	0905	0912	0920	0927	0935	0942	0950	0957	1005	1015	1025	1035	1045	1055	1105
Hackney Wick	0815	0823	0830	0838	0845	0853	0900	0908	0915	0923	0930	0938	0945	0953	1000	1009	1018	1028	1038	1048	1058	1108
Homerton	0818	0826	0833	0841	0848	0856	0903	0911	0918	0926	0933	0941	0948	0956	1003	1012	1021	1031	1041	1051	1101	1111
Hackney Central	0820	0828	0835	0843	0850	0858	0905	0913	0920	0928	0935	0943	0950	0958	1005	1014	1023	1033	1043	1053	1103	1113
Dalston Kingsland	0822	0830	0837	0845	0852	0900	0907	0915	0922	0930	0937	0945	0952	1000	1007	1016	1025	1035	1045	1055	1105	1115
Canonbury	0824	0832	0839	0847	0854	0902	0909	0917	0924	0932	0939	0947	0954	1002	1009	1018	1027	1037	1047	1057	1107	1117
Highbury & Islington	0826	0834	0841	0849	0856	0904	0911	0919	0926	0934	0941	0949	0956	1004	1011	1020	1029	1039	1049	1059	1109	1119
Caledonian Road & Barnsbury	0828	0836	0843	0851	0858	0906	0913	0921	0928	0936	0943	0951	0958	1006	1013	1022	1031	1041	1051	1101	1111	1121
Camden Road	0832	0840	0847	0855	0902	0910	0917	0925	0932	0940	0947	0955	1002	1010	1017	1026	1035	1045	1055	1105	1115	1125
Kentish Town West	0834	0842	0849	0857	0904	0912	0919	0927	0934	0942	0949	0957	1004	1012	1019	1028	1037	1047	1057	1107	1117	1127
Gospel Oak	0837	0845	0852	0900	0907	0915	0922	0930	0937	0945	0952	1000	1007	1015	1022	1030	1039	1050	1100	1110	1120	1130
Hampstead Heath	0839	0847	0854	0902	0909	0917	0924	0932	0939	0947	0954	1002	1009	1017	1024	1032	1042	1052	1102	1112	1122	1132
Finchley Road & Frognal	0841	0849	0856	0904	0911	0919	0926	0934	0941	0949	0956	1004	1011	1019	1026	1034	1044	1054	1104	1114	1124	1134
West Hampstead	0843	0851	0858	0907	0913	0921	0928	0936	0943	0951	0958	1006	1013	1021	1028	1036	1046	1056	1106	1116	1126	1136
Brondesbury	0845	0853	0900	0908	0915	0923	0930	0938	0945	0953	1000	1008	1015	1023	1030	1038	1047	1058	1108	1118	1128	1138
Brondesbury Park	0846	0854	0901	0909	0916	0924	0931	0939	0946	0954	1001	1009	1016	1024	1031	1039	1049	1059	1109	1119	1129	1139
Kensal Rise	0848	0856	0903	0911	0918	0926	0933	0941	0948	0956	1003	1011	1018	1026	1033	1041	1051	1101	1111	1121	1131	1141
Willesden Junction	0853	0901	0908	0916	0923	0931	0938	0946	0953	1001	1008	1017	1022	1032	1038	1046	1055	1106	1116	1126	1136	1146
Shepherd's Bush		0909	0919	0924	0933	0938	0944	0954	0959	1009	1021	1026	1026	1039	1043	1053	1103	1109	1119	1123	1138	1153
Kensington (Olympia)		0911	0922	0926	0935	0940	0947	0956	1001	1012	1024	1029	1029	1041	1055	1105	1115	1111	1121	1125	1140	1155
West Brompton		0914	0924	0928	0937	0943	0950	0958	1004	1014	1027	1030	1030	1043	1057	1107	1117	1113	1124	1127	1142	1157
Imperial Wharf		0917	0927	0931	0940	0946	0952	1001	1017	1029	1033	1033	1033	1046	1100	1110	1120	1116	1126	1130	1145	1200
Clapham Junction		0924	0931	0938	0945	0953	0957	1008	1024	1034	1040	1040	1040	1054	1108	1118	1128	1123	1131	1138	1152	1208
Acton Central	0858		0913	0929	0932	0938	0946	0957	1008	1015	1028	1033	1043	1054	1108	1118	1128	1111	1121	1131	1141	1156
South Acton	0900		0916	0932	0935	0940	0946	0952	1008	1015	1028	1033	1043	1054	1108	1118	1128	1114	1124	1134	1144	1156
Gunnersbury	T	0903	0919	0935	0940	0946	0952	1001	1017	1029	1033	1033	1043	1054	1108	1118	1128	1119	1129	1139	1149	1156
Kew Gardens	T	0906	0922	0938	0944	0950	0957	1008	1015	1028	1033	1033	1043	1054	1108	1118	1128	1122	1132	1142	1152	1208
Richmond	T	0913	0928	0944	0949	0955	0957	1008	1015	1028	1033	1033	1043	1054	1108	1118	1128	1127	1137	1147	1157	1208

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Westbound towards Richmond/Clapham Junction

Monday to Fridays

	SN L	1115	1125	1135	1145	1155	1205	1215	SN L	1225	1235	1245	SN L	1255	1305	1315	SN L	1325	1335	1345	1355	1405	1415
Stratford																							
Hackney Wick			1128	1138	1148	1158	1208	1218		1228	1238	1248		1258	1308	1318		1328	1338	1348	1358	1408	1418
Homerton		1121	1131	1141	1151	1201	1211	1221		1231	1241	1251		1301	1311	1321		1331	1341	1351	1401	1411	1421
Hackney Central		1123	1133	1143	1153	1203	1213	1223		1233	1243	1253		1303	1313	1323		1333	1343	1353	1403	1413	1423
Dalston Kingsland		1125	1135	1145	1155	1205	1215	1225		1235	1245	1255		1305	1315	1325		1335	1345	1355	1405	1415	1425
Canonbury		1127	1137	1147	1157	1207	1217	1227		1237	1247	1257		1307	1317	1327		1337	1347	1357	1407	1417	1427
Highbury & Islington		1129	1139	1149	1159	1209	1219	1229		1239	1249	1259		1309	1319	1329		1339	1349	1359	1409	1419	1429
Caledonian Road & Barnsbury		1131	1141	1151	1201	1211	1221	1231		1241	1251	1301		1311	1321	1331		1341	1351	1401	1411	1421	1431
Camden Road		1135	1145	1155	1205	1215	1225	1235		1245	1255	1305		1315	1325	1335		1345	1355	1405	1415	1425	1435
Kentish Town West		1137	1147	1157	1207	1217	1227	1237		1247	1257	1307		1317	1327	1337		1347	1357	1407	1417	1427	1437
Gospel Oak		1140	1150	1200	1210	1220	1230	1240		1250	1300	1310		1320	1330	1340		1350	1400	1410	1420	1430	1440
Hampstead Heath		1142	1152	1202	1212	1222	1232	1242		1252	1302	1312		1322	1332	1342		1352	1402	1412	1422	1432	1442
Finchley Road & Frognal		1144	1154	1204	1214	1224	1234	1244		1254	1304	1314		1324	1334	1344		1354	1404	1414	1424	1434	1444
West Hampstead		1146	1156	1206	1216	1226	1236	1246		1256	1306	1316		1326	1336	1346		1356	1406	1416	1426	1436	1446
Brondesbury		1148	1158	1208	1218	1228	1238	1248		1258	1308	1318		1328	1338	1348		1358	1408	1418	1428	1438	1448
Brondesbury Park		1149	1159	1209	1219	1229	1239	1249		1259	1309	1319		1329	1339	1349		1359	1409	1419	1429	1439	1449
Kensal Rise		1151	1201	1211	1221	1231	1241	1251		1301	1311	1321		1331	1341	1351		1401	1411	1421	1431	1441	1451
Willesden Junction		1156	1206	1216	1226	1236	1246	1256		1306	1316	1326		1336	1346	1356		1406	1416	1426	1436	1446	1456
Shepherd's Bush		1208	1220	1224	1238	1238	1253		1308	1320	1324	1331		1338	1353		1408	1420	1424	1438	1453	1507	1507
Kensington (Olympia)		1210	1223	1227	1240	1240	1255		1310	1322	1326	1334		1340	1355		1410	1423	1427	1440	1455	1509	1509
West Brompton		1212	1226	1229	1242	1242	1297		1312	1325	1328	1339		1342	1358		1412	1426	1429	1442	1458	1512	1512
Imperial Wharf		1215	1228	1232	1245	1245	1300		1315	1328	1331	1341		1345	1401		1415	1429	1432	1445	1501	1515	1515
Clapham Junction		1222	1233	1239	1252	1252	1308		1322	1333	1339	1352		1352	1408		1422	1433	1439	1452	1508	1522	1522
Acton Central		1201	1211	1231	1241	1241	1301		1331	1341	1341	1351		1341	1401		1422	1433	1431	1441	1441	1501	1501
South Acton		1204	1214	1234	1244	1244	1304		1344	1354	1354	1364		1344	1404		1422	1433	1434	1444	1444	1504	1504
Gunnersbury	T	1208	1218	1238	1248	1248	1308		1348	1358	1358	1368		1348	1408		1422	1433	1438	1448	1448	1508	1508
Kew Gardens	T	1211	1221	1241	1251	1251	1311		1351	1361	1361	1371		1351	1411		1422	1433	1441	1451	1451	1511	1511
Richmond	T	1216	1226	1246	1256	1256	1316		1356	1366	1366	1376		1356	1416		1422	1433	1446	1456	1456	1516	1516

Westbound towards Richmond/Clapham Junction

Mondays to Fridays

	SN L	1425	1435	1445	1455	1505	1515	SN L	1525	1535	SN	1542	1550	1559	SN	1612	SN K	1627	1635	1642	1650	SN M	1657	1705	1712
Stratford																									
Hackney Wick		1428	1438	1448	1458	1508	1518		1528	1538		1545	1553	1602		1615		1630	1638	1645	1653		1700	1708	1715
Homerton		1431	1441	1451	1501	1511	1521		1531	1541		1548	1556	1605		1618		1633	1641	1648	1656		1703	1711	1718
Hackney Central		1433	1443	1453	1503	1513	1523		1533	1543		1550	1558	1607		1620		1635	1643	1650	1658		1705	1713	1720
Dalston Kingsland		1435	1445	1455	1505	1515	1525		1535	1545		1552	1600	1609		1622		1637	1645	1652	1700		1707	1715	1722
Canonbury		1437	1447	1457	1507	1517	1527		1537	1547		1554	1602	1611		1624		1639	1647	1654	1702		1709	1717	1724
Highbury & Islington		1439	1449	1459	1509	1519	1529		1539	1549		1556	1604	1613		1626		1641	1649	1656	1704		1711	1719	1726
Caledonian Road & Barnsbury		1441	1451	1501	1511	1521	1531		1541	1551		1558	1606	1615		1628		1643	1651	1658	1706		1713	1721	1728
Camden Road		1445	1455	1505	1515	1525	1535		1545	1555		1603	1610	1619		1632		1647	1655	1702	1710		1717	1725	1732
Kentish Town West		1447	1457	1507	1517	1527	1537		1547	1557		1606	1612	1621		1634		1649	1658	1704	1713		1719	1727	1734
Gospel Oak		1450	1500	1510	1520	1530	1540		1550	1600		1608	1615	1624		1637		1652	1703	1708	1717		1723	1730	1737
Hampstead Heath		1452	1502	1512	1522	1532	1542		1552	1602		1610	1617	1626		1639		1654	1705	1710	1719		1725	1732	1739
Finchley Road & Frognal		1454	1504	1514	1524	1534	1544		1554	1604		1612	1619	1628		1641		1656	1707	1712	1721		1727	1734	1741
West Hampstead		1456	1506	1516	1526	1536	1546		1556	1606		1614	1621	1630		1643		1658	1709	1714	1723		1729	1736	1743
Brondesbury		1458	1508	1518	1528	1538	1548		1558	1608		1615	1623	1632		1645		1700	1710	1716	1725		1730	1738	1745
Brondesbury Park		1459	1509	1519	1529	1539	1549		1559	1609		1617	1624	1633		1646		1701	1712	1717	1726		1732	1739	1746
Kensal Rise		1501	1511	1521	1531	1541	1551		1601	1611		1619	1626	1635		1648		1703	1714	1719	1728		1734	1741	1748
Willesden Junction		1506	1516	1526	1531	1536	1546	1556	1602	1616		1623	1631	1640		1653		1708	1719	1724	1732		1739	1746	1753
Shepherd's Bush	1522		1525		1538		1553		1607	1620			1638					1726			1739	1747		1754	
Kensington (Olympia)	1524		1527		1540		1555		1609	1623			1640					1728			1741	1749		1756	
West Brompton	1526		1530		1542		1558		1612	1626			1643					1730			1744	1752		1759	
Imperial Wharf	1529		1533		1545		1601		1615	1628			1646					1733			1747	1755		1802	
Clapham Junction	1533		1539		1552		1608		1621	1633			1653					1740			1753	1759		1808	
Acton Central		1512		1531		1541	1601		1611			1628		1645				1713			1729		1744		1758
South Acton		1514		1534		1544	1604		1614			1630		1648				1716			1734		1746		1800
Gunnersbury	T	1518		1538		1548	1608		1618			1633		1651				1719			1739		1749		1803
Kew Gardens	T	1521		1541		1551	1611		1621			1636		1654				1722			1742		1752		1806
Richmond	T	1526		1546		1556	1616		1627			1642		1700				1728			1746		1758		1813

Key to symbols and notes - see page 26

8 December 2013 to 17 May 2014

Westbound towards Richmond/Clapham Junction

Monday to Fridays

	SN K	SN N	SN P	SN P	SN P
Stratford	1720	1820	1920	2000	2101
Hackney Wick	1723	1830	1938	2046	2151
Homerton	1726	1833	1941	2049	2154
Hackney Central	1728	1835	1943	2051	2156
Dalston Kingsland	1730	1837	1945	2053	2158
Canonbury	1732	1839	1947	2055	2160
Highbury & Islington	1735	1841	1949	2057	2162
Caledonian Road & Barnsbury	1737	1843	1951	2059	2164
Camden Road	1740	1847	1955	2063	2168
Kentish Town West	1742	1849	1957	2065	2170
Gospel Oak	1745	1852	1960	2068	2173
Hampstead Heath	1747	1854	1962	2070	2175
Finchley Road & Frognal	1749	1856	1964	2072	2177
West Hampstead	1751	1858	1966	2074	2179
Brondesbury	1753	1900	1968	2076	2181
Brondesbury Park	1754	1901	1969	2077	2182
Kensal Rise	1756	1903	1971	2079	2184
Willesden Junction	1801	1908	1976	2084	2189
Shepherd's Bush	1809	1920	1988	2100	2201
Kensington (Olympia)	1811	1922	1990	2102	2203
West Brompton	1813	1925	1993	2105	2206
Imperial Wharf	1816	1927	1995	2107	2208
Clapham Junction	1824	1932	1953	2112	2213
Acton Central		1913	1945	2103	2204
South Acton		1916	1948	2105	2206
Gunnersbury	T	1919	1951	2108	2209
Kew Gardens	T	1922	1954	2111	2212
Richmond	T	1929	1959	2116	2217

Key to symbols and notes - see page 26

8 December 2013 to 17 May 2014

Westbound towards Richmond/Clapham Junction

Monday to Fridays

	2023	2035	2045	2100	2115	SN P	2145	SN J	2200	2215	SN K	2230	2245	SN J	2300	2315	2330	2345
Stratford	2023	2035	2045	2100	2115		2130		2200	2215		2230	2245		2300	2315	2330	2345
Hackney Wick	2026	2038	2048	2103	2118		2133		2203	2218		2233	2248		2303	2318	2333	2348
Homerton	2029	2041	2051	2106	2121		2136		2206	2221		2236	2251		2306	2321	2336	2351
Hackney Central	2031	2043	2053	2108	2123		2138		2208	2223		2238	2253		2308	2323	2338	2353
Dalston Kingsland	2033	2045	2055	2110	2125		2140		2210	2225		2240	2255		2310	2325	2340	2355
Canonbury	2035	2047	2057	2112	2127		2142		2212	2227		2242	2257		2312	2327	2342	2357
Highbury & Islington	2037	2049	2059	2115	2129		2144		2215	2229		2244	2259		2314	2329	2344	2359
Caledonian Road & Barnsbury	2039	2051	2101	2117	2131		2146		2217	2231		2246	2301		2316	2331	2346	0002
Camden Road	2042	2055	2105	2120	2135		2150		2220	2235		2250	2305		2320	2335	2350	0005
Kentish Town West	2045	2057	2107	2122	2137		2152		2227	2237		2252	2307		2322	2337		0007
Gospel Oak	2050	2100	2110	2124	2140		2155		2225	2240		2255	2310		2325	2340		0010
Hampstead Heath	2052	2102	2112	2127	2142		2157		2227	2242		2257	2312		2327	2342		0012
Finchley Road & Frognal	2054	2104	2114	2129	2144		2159		2229	2244		2259	2314		2329	2344		0014
West Hampstead	2056	2106	2116	2131	2146		2201		2231	2246		2302	2316		2331	2346		0016
Brondesbury	2057	2108	2118	2133	2148		2203		2233	2248		2304	2318		2333	2348		0018
Brondesbury Park	2059	2109	2119	2134	2149		2204		2234	2249		2305	2319		2334	2349		0019
Kensal Rise	2101	2111	2121	2136	2151		2206		2236	2251		2307	2321		2336	2351		0021
Willesden Junction	2106	2116	2126	2131	2141	2146	2157	2201	2241	2256	2301	2312	2326	2331	2341	2356		0030
Shepherd's Bush		2124	2138	2138	2153	2207	2219	2237	2252	2307	2321	2337	2355					
Kensington (Olympia)		2126	2140	2140	2155	2209	2221	2239	2254	2309	2323	2339	2357					
West Brompton		2128	2142	2142	2158	2212	2224	2242	2257	2312	2327	2342	0002					
Imperial Wharf		2131	2145	2145	2201	2215	2227	2245	2259	2315	2330	2345	0003					
Clapham Junction		2137	2152	2152	2208	2222	2231	2252	2305	2322	2335	2352	0007					
Acton Central	2111		2131	2146	2202		2216		2246	2301		2317	2331		2346	0002		
South Acton	2113		2134	2149	2204		2219		2249	2304		2320	2334		2349	0005		
Gunnersbury	T 2118		2138	2153	2208		2223		2253	2308		2323	2338		2352	0010		
Kew Gardens	T 2121		2141	2156	2211		2226		2256	2311		2326	2341		2355	0013		
Richmond	T 2126		2146	2200	2216		2231		2301	2316		2331	2346		2359	0021		

Key to symbols and notes - see page 26

Westbound towards Richmond/Clapham Junction

Saturdays

	SN Q	SN Q	SN Q	SN Q	SN Q	SN Q	SN Q	SN Q	SN Q	SN L	SN L	SN L	SN L	SN L	SN L	SN L	SN L
Stratford																	
Hackney Wick		0542	0555	0605	0615	0625	0635	0645	0655	0705	0715	0725	0735	0745	0755	0805	0815
Homerton		0545	0558	0608	0618	0628	0638	0648	0658	0708	0718	0728	0738	0748	0758	0808	0818
Hackney Central		0548	0601	0611	0621	0631	0641	0651	0701	0711	0721	0731	0741	0751	0801	0811	0821
Dalston Kingsland		0550	0603	0613	0623	0633	0643	0653	0703	0713	0723	0733	0743	0753	0803	0813	0823
Canonbury		0552	0605	0615	0625	0635	0645	0655	0705	0715	0725	0735	0745	0755	0805	0815	0825
Highbury & Islington		0554	0607	0617	0627	0637	0647	0657	0707	0717	0727	0737	0747	0757	0807	0817	0827
Caledonian Road & Barnsbury		0556	0609	0619	0629	0639	0649	0659	0709	0719	0729	0739	0749	0759	0809	0819	0829
Camden Road		0558	0611	0621	0631	0641	0651	0701	0711	0721	0731	0741	0751	0801	0811	0821	0831
Kentish Town West		0602	0615	0625	0635	0645	0655	0705	0715	0725	0735	0745	0755	0805	0815	0825	0835
Gospel Oak		0607	0617	0627	0637	0647	0657	0707	0717	0727	0737	0747	0757	0807	0817	0827	0837
Hampstead Heath		0611	0620	0630	0640	0650	0700	0710	0720	0730	0740	0750	0800	0810	0820	0830	0840
Finchley Road & Frognal		0613	0622	0632	0642	0652	0702	0712	0722	0732	0742	0752	0802	0812	0822	0832	0842
West Hampstead		0615	0624	0634	0644	0654	0704	0714	0724	0734	0744	0754	0804	0814	0824	0834	0844
Brondesbury		0617	0626	0636	0646	0656	0706	0716	0726	0736	0746	0756	0806	0816	0826	0836	0846
Brondesbury Park		0619	0628	0638	0648	0658	0708	0718	0728	0738	0748	0758	0808	0818	0828	0838	0848
Kensal Rise		0620	0629	0639	0649	0659	0709	0719	0729	0739	0749	0759	0809	0819	0829	0839	0849
Willesden Junction	0602	0606	0631	0636	0646	0656	0701	0706	0716	0726	0736	0746	0756	0801	0806	0816	0826
Shepherd's Bush	0608	0620	0637	0653	0701	0708	0722	0738	0746	0753	0761	0768	0776	0784	0792	0800	0808
Kensington (Olympia)	0610	0623	0639	0656	0704	0710	0725	0740	0748	0756	0764	0772	0780	0788	0796	0804	0812
West Brompton	0613	0626	0642	0658	0705	0712	0728	0742	0749	0758	0766	0774	0782	0790	0798	0806	0814
Imperial Wharf	0616	0628	0645	0701	0708	0715	0730	0745	0752	0801	0808	0815	0822	0830	0837	0844	0851
Clapham Junction	0622	0633	0652	0708	0715	0722	0735	0741	0752	0808	0815	0822	0833	0840	0847	0852	0859
Acton Central		0611	0641	0701	0708	0711	0731	0738	0741	0801	0808	0811	0831	0838	0841	0901	0908
South Acton		0614	0644	0704	0704	0714	0734	0734	0744	0804	0804	0814	0834	0834	0844	0904	0914
Gunnersbury	T	0618	0647	0707	0707	0717	0737	0737	0748	0808	0808	0818	0838	0838	0848	0908	0918
Kew Gardens	T	0621	0650	0710	0710	0720	0740	0740	0751	0811	0811	0821	0841	0841	0851	0911	0921
Richmond	T	0629	0656	0716	0716	0726	0746	0746	0756	0816	0816	0826	0846	0846	0856	0916	0926

Westbound towards Richmond/Clapham Junction

Saturdays

	SNL										SNL										SNK									
Stratford	0835	0845	0855	0905	0915	0925	0935	0945	0955	1005	1015	1025	1035	1045	1055	1105	1115	1101	1111	1121	1131	1141	1151	1901	1906	1911	1916			
Hackney Wick	0838	0848	0858	0908	0918	0928	0938	0948	0958	1008	1018	1028	1038	1048	1058	1108	1118	1107	1119	1137	1153	1201	1217	1908	1920	1924	1926			
Homerton	0841	0851	0901	0911	0921	0931	0941	0951	1001	1011	1021	1031	1041	1051	1101	1111	1121	1109	1122	1139	1156	1204	1218	1910	1922	1926	1929			
Hackney Central	0843	0853	0903	0913	0923	0933	0943	0953	1003	1013	1023	1033	1043	1053	1103	1113	1123	1112	1125	1142	1158	1208	1218	1912	1925	1929	1932			
Dalston Kingsland	0845	0855	0905	0915	0925	0935	0945	0955	1005	1015	1025	1035	1045	1055	1105	1115	1125	1115	1127	1145	1201	1211	1217	1915	1927	1932	1938			
Canonbury	0847	0857	0907	0917	0927	0937	0947	0957	1007	1017	1027	1037	1047	1057	1107	1117	1127	1122	1133	1152	1208	1217	1217	1922	1932	1938	1938			
Highbury & Islington	0849	0859	0909	0919	0929	0939	0949	0959	1009	1019	1029	1039	1049	1059	1109	1119	1129	1129	1141	1159	1208	1217	1217	1929	1939	1944	1949			
Caledonian Road & Barnsbury	0851	0901	0911	0921	0931	0941	0951	1001	1011	1021	1031	1041	1051	1101	1111	1121	1131	1131	1143	1161	1210	1219	1219	1931	1941	1946	1951			
Camden Road	0855	0905	0915	0925	0935	0945	0955	1005	1015	1025	1035	1045	1055	1105	1115	1125	1135	1135	1147	1165	1214	1223	1223	1935	1945	1950	1955			
Kentish Town West	0857	0907	0917	0927	0937	0947	0957	1007	1017	1027	1037	1047	1057	1107	1117	1127	1137	1137	1149	1167	1216	1225	1225	1937	1947	1952	1957			
Gospel Oak	0901	0910	0920	0930	0940	0950	1000	1010	1020	1030	1039	1050	1100	1110	1120	1130	1140	1140	1152	1170	1221	1230	1230	1939	1949	1954	1959			
Hampstead Heath	0903	0912	0922	0932	0942	0952	1002	1012	1022	1032	1041	1052	1102	1112	1122	1132	1142	1142	1154	1172	1223	1232	1232	1941	1951	1956	1961			
Finchley Road & Frognal	0905	0914	0924	0934	0944	0954	1004	1014	1024	1034	1043	1054	1104	1114	1124	1134	1144	1144	1156	1174	1225	1234	1234	1943	1953	1958	1963			
West Hampstead	0907	0916	0926	0936	0946	0956	1006	1016	1026	1036	1045	1056	1106	1116	1126	1136	1146	1146	1158	1176	1227	1236	1236	1945	1955	1960	1965			
Brondesbury	0908	0918	0928	0938	0948	0958	1008	1018	1028	1038	1047	1058	1108	1118	1128	1138	1148	1148	1160	1178	1229	1238	1238	1947	1957	1962	1967			
Brondesbury Park	0910	0919	0929	0939	0949	0959	1009	1019	1029	1039	1048	1059	1109	1119	1129	1139	1149	1149	1161	1179	1230	1239	1239	1949	1959	1964	1969			
Kensal Rise	0912	0921	0931	0941	0951	1001	1011	1021	1031	1041	1050	1101	1111	1121	1131	1141	1151	1151	1163	1181	1231	1240	1240	1951	1961	1966	1971			
Willesden Junction	0916	0926	0936	0946	0956	1006	1016	1026	1036	1046	1054	1106	1116	1126	1136	1146	1156	1156	1168	1186	1232	1241	1241	1953	1963	1968	1973			
Shepherd's Bush	0924	0937	0947	0957	1007	1017	1027	1037	1047	1057	1066	1116	1126	1136	1146	1156	1166	1166	1178	1196	1233	1242	1242	1955	1965	1970	1975			
Kensington (Olympia)	0927	0939	0949	0959	1009	1019	1029	1039	1049	1059	1068	1118	1128	1138	1148	1158	1168	1168	1180	1198	1234	1243	1243	1957	1967	1972	1977			
West Brompton	0930	0942	0952	0962	1012	1022	1032	1042	1052	1102	1111	1121	1131	1141	1151	1161	1171	1171	1183	1201	1235	1244	1244	1959	1969	1974	1979			
Imperial Wharf	0933	0945	0955	1005	1015	1025	1035	1045	1055	1105	1114	1124	1134	1144	1154	1164	1174	1174	1186	1204	1236	1245	1245	1961	1971	1976	1981			
Clapham Junction	0939	0952	0962	1012	1022	1032	1042	1052	1102	1111	1120	1130	1140	1150	1160	1170	1180	1180	1192	1210	1237	1246	1246	1963	1973	1978	1983			
Acton Central		0931	0941	0951	1001	1011	1021	1031	1041	1051	1100	1110	1120	1130	1140	1150	1160	1160	1172	1190	1238	1247	1247	1965	1975	1980	1985			
South Acton		0934	0944	0954	1004	1014	1024	1034	1044	1054	1104	1114	1124	1134	1144	1154	1164	1164	1176	1194	1239	1248	1248	1967	1977	1982	1987			
Gunnersbury		0938	0948	0958	1008	1018	1028	1038	1048	1058	1108	1118	1128	1138	1148	1158	1168	1168	1180	1198	1240	1249	1249	1969	1979	1984	1989			
Kew Gardens		0941	0951	1001	1011	1021	1031	1041	1051	1101	1111	1121	1131	1141	1151	1161	1171	1171	1183	1201	1241	1250	1250	1971	1981	1986	1991			
Richmond		0946	0956	1006	1016	1026	1036	1046	1056	1106	1116	1126	1136	1146	1156	1166	1176	1176	1188	1206	1242	1251	1251	1973	1983	1988	1993			

Westbound towards Richmond/Clapham Junction

Saturdays

	1845	1855	1905	1915	SN K	1925	1935	1945	1955	2005	SN J	2015	2025	2035	2045	2100	SN J	2115	2130	2145	
Stratford	1845	1855	1905	1915		1925	1935	1945	1955	2005		2015	2025	2035	2045	2100		2115	2130	2145	
Hackney Wick	1848	1858	1908	1918		1928	1938	1948	1958	2008		2018	2028	2038	2048	2103		2118	2133	2148	
Homerton	1851	1901	1911	1921		1931	1941	1951	2001	2011		2021	2031	2041	2051	2106		2121	2136	2151	
Hackney Central	1853	1903	1913	1923		1933	1943	1953	2003	2013		2023	2033	2043	2053	2108		2123	2138	2153	
Dalston Kingsland	1855	1905	1915	1925		1935	1945	1955	2005	2015		2025	2035	2045	2055	2110		2125	2140	2155	
Canonbury	1857	1907	1917	1927		1937	1947	1957	2007	2017		2027	2037	2047	2057	2112		2127	2142	2157	
Highbury & Islington	1859	1909	1919	1929		1939	1949	1959	2009	2019		2029	2039	2049	2059	2114		2129	2144	2159	
Caledonian Road & Barnsbury	1901	1911	1921	1931		1941	1951	2001	2011	2021		2031	2041	2051	2101	2116		2131	2146	2201	
Camden Road	1905	1915	1925	1935		1945	1955	2005	2015	2025		2035	2045	2055	2105	2120		2135	2150	2205	
Kentish Town West	1907	1917	1927	1937		1947	1957	2007	2017	2027		2037	2047	2057	2107	2122		2140	2152	2207	
Gospel Oak	1910	1920	1930	1940		1950	2000	2010	2020	2030		2040	2050	2100	2110	2125		2140	2155	2220	
Hampstead Heath	1912	1922	1932	1942		1952	2002	2012	2022	2032		2042	2052	2102	2112	2127		2142	2157	2212	
Finchley Road & Frognal	1914	1924	1934	1944		1954	2004	2014	2024	2034		2044	2054	2104	2114	2129		2144	2159	2214	
West Hampstead	1916	1926	1936	1946		1956	2006	2016	2026	2036		2046	2056	2106	2116	2131		2146	2201	2216	
Brondesbury	1918	1928	1938	1948		1958	2008	2018	2028	2038		2048	2058	2108	2118	2133		2148	2203	2218	
Brondesbury Park	1919	1929	1939	1949		1959	2009	2019	2029	2039		2049	2059	2109	2119	2134		2149	2204	2219	
Kensal Rise	1921	1931	1941	1951		2001	2011	2021	2031	2041		2051	2101	2111	2121	2136		2151	2206	2221	
Willesden Junction	1926	1931	1936	1946	2001	2006	2016	2026	2031	2036	2046	2056	2101	2106	2116	2131	2141	2156	2201	2211	2226
Shepherd's Bush	1937	1937	1953	1958	2008	2020	2024	2038	2038	2053	2109	2112	2112	2123	2138	2138	2146	2201	2212	2223	
Kensington (Olympia)	1939	1939	1956	2001	2010	2023	2027	2040	2040	2056	2111	2114	2114	2125	2140	2140	2153	2212	2214	2225	
West Brompton	1942	1942	1958	2003	2012	2026	2029	2042	2042	2058	2114	2117	2117	2127	2142	2142	2157	2214	2217	2227	
Imperial Wharf	1945	1945	2001	2006	2015	2028	2032	2045	2045	2101	2116	2120	2120	2130	2145	2145	2200	2217	2220	2230	
Clapham Junction	1952	1952	2008	2010	2022	2033	2039	2052	2052	2108	2121	2126	2126	2138	2152	2152	2207	2221	2226	2237	
Acton Central	1931	1941	1941	2001		2011	2031	2031	2041	2108		2101	2111	2138	2131	2146		2201	2216	2231	
South Acton	1934	1944	1944	2004		2014	2034	2034	2044	2104		2104	2114	2134	2134	2149		2204	2219	2234	
Gunnersbury	T 1938	1948	1948	2008		2018	2038	2038	2048	2108		2108	2118	2138	2138	2152		2208	2222	2238	
Kew Gardens	T 1941	1951	1951	2011		2021	2041	2041	2051	2111		2111	2121	2141	2141	2155		2211	2225	2241	
Richmond	T 1946	1956	1956	2016		2026	2046	2046	2056	2116		2116	2126	2146	2146	2201		2215	2231	2245	

Westbound towards Richmond/Clapham Junction

Saturdays

	SN R			SN J				
Stratford	2155	2215	2230	2245	2300	2315	2330	2345
Hackney Wick	2158	2218	2233	2248	2303	2318	2333	2348
Homerton	2201	2221	2236	2251	2306	2321	2336	2351
Hackney Central	2203	2223	2238	2253	2308	2323	2338	2353
Dalston Kingsland	2205	2225	2240	2255	2310	2325	2340	2355
Canonbury	2207	2227	2242	2257	2312	2327	2342	2357
Highbury & Islington	2209	2229	2244	2259	2314	2329	2344	2359
Caledonian Road & Barnsbury	2211	2231	2246	2301	2316	2331	2346	0002
Camden Road	2215	2235	2249	2305	2320	2335	2350	0005
Kentish Town West	2217	2237		2307	2322	2337		0007
Gospel Oak	2221	2240		2310	2325	2340		0010
Hampstead Heath	2223	2242		2312	2327	2342		0012
Finchley Road & Frognal	2225	2244		2314	2329	2344		0014
West Hampstead	2227	2246		2316	2331	2346		0016
Brondesbury	2229	2248		2318	2333	2348		0018
Brondesbury Park	2230	2249		2319	2334	2349		0019
Kensal Rise	2232	2251		2321	2336	2351		0021
Willesden Junction	2231	2256		2326	2341	2356		0030
Shepherd's Bush	2238							
Kensington (Olympia)	2240							
West Brompton	2242							
Imperial Wharf	2245							
Clapham Junction	2252							
Acton Central	2244	2301		2331	2346	0002		
South Acton	2247	2304		2334	2349	0004		
Gunnersbury	2250	2308		2338	2352	0008		
Kew Gardens	2253	2311		2341	2355	0011		
Richmond	2258	2317		2346	0003	0018		

Key to symbols and notes - see page 26

Westbound towards Richmond/Clapham Junction

Sundays

	SN	SN	SN	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J	SN J
Stratford																
Hackney Wick																
Homerton																
Hackney Central																
Dalston Kingsland																
Canonbury																
Highbury & Islington																
Caledonian Road & Barnsbury																
Camden Road																
Kentish Town West																
Gospel Oak																
Hampstead Heath																
Finchley Road & Frognal																
West Hampstead																
Brondesbury																
Brondesbury Park																
Kensal Rise																
Willesden Junction	0747	0832	0856	0902	0926	0932	0939	0945	0948	0956	1002	1008	1016	1026	1032	1038
Shepherd's Bush	0749	0839	0851	0908	0908	0939	0945	0947	0954	0956	1008	1008	1024	1024	1038	1044
Kensington (Olympia)	0751	0841	0853	0910	0910	0941	0947	0950	0956	1000	1010	1010	1026	1026	1040	1047
West Brompton	0754	0843	0856	0912	0912	0943	0950	0953	0957	1000	1013	1013	1027	1027	1043	1049
Imperial Wharf	0758	0846	0859	0915	0915	0946	0953	0958	1000	1008	1016	1016	1030	1030	1046	1052
Clapham Junction		0853	0903	0923	0923	0954	0958		1008	1008	1026	1026	1037	1037	1054	1056
Acton Central					0931				0945	1001	1013	1013	1031	1031	1054	1056
South Acton					0934				0947	1004	1016	1016	1034	1034	1054	1056
Gunnersbury	T				0938				0950	1008	1019	1019	1038	1038	1054	1056
Kew Gardens	T				0941				0953	1011	1022	1022	1041	1041	1054	1056
Richmond	T				0949				1003	1016	1026	1026	1046	1046	1054	1056

Key to symbols and notes - see page 26

Westbound towards Richmond/Clapham Junction

Sundays

	1125	2035	2045	2055	2105	2115	2130	2145	2200	2215	2230	2245	2305
	1128	2038	2048	2058	2108	2118	2133	2148	2203	2218	2233	2248	2308
	1131	2041	2051	2101	2111	2121	2136	2151	2206	2221	2236	2251	2311
	1133	2043	2053	2103	2113	2123	2138	2153	2208	2223	2238	2253	2313
	1135	2045	2055	2105	2115	2125	2140	2155	2210	2225	2240	2255	2315
	1137	2047	2057	2107	2117	2127	2142	2157	2212	2227	2242	2257	2317
	1139	2049	2059	2109	2119	2129	2144	2159	2214	2229	2244	2259	2319
	1141	2051	2101	2111	2121	2131	2146	2201	2216	2231	2246	2301	2321
	1145	2055	2105	2115	2125	2135	2150	2205	2220	2234	2250	2304	2325
	1147	2057	2107	2117	2127	2137	2152	2207	2222	2236	2252	2306	2327
	1150	2100	2110	2120	2130	2140	2155	2210	2225	2239	2255	2309	2330
	1152	2102	2112	2122	2132	2142	2157	2212	2227	2241	2257	2311	2332
	1154	2104	2114	2124	2134	2144	2159	2214	2229	2243	2259	2313	2334
	1156	2106	2116	2126	2136	2146	2201	2216	2231	2245	2301	2315	2336
	1158	2108	2118	2128	2138	2148	2203	2218	2233	2247	2303	2317	2338
	1159	2109	2119	2129	2139	2149	2204	2219	2234	2248	2304	2318	2339
	1201	2111	2121	2131	2141	2151	2206	2221	2236	2250	2306	2320	2341
	1202	2116	2126	2139	2146	2157	2202	2226	2232	2246	2306	2320	2350
	1206	2132	2146	2153	2163	2173	2208	2232	2244	2258	2318	2332	2350
	1208	2123	2137	2145	2153	2203	2208	2232	2246	2260	2320	2334	2350
	1210	2126	2140	2148	2156	2206	2210	2234	2248	2262	2322	2336	2350
	1212	2128	2142	2150	2158	2208	2212	2236	2250	2264	2324	2338	2350
	1215	2131	2145	2153	2201	2211	2215	2239	2253	2267	2327	2341	2350
	1223	2138	2152	2158	2208	2218	2226	2250	2264	2278	2330	2344	2350
	1211	2131	2141	2144	2144	2202	2216	2231	2246	2260	2316	2330	2350
	1214	2134	2144	2147	2147	2204	2219	2234	2249	2263	2319	2333	2350
	1218	2138	2148	2151	2151	2208	2222	2238	2252	2266	2322	2336	2350
	1221	2141	2151	2154	2154	2211	2225	2241	2255	2269	2325	2339	2350
	1227	2146	2154	2159	2159	2217	2231	2246	2260	2274	2328	2342	2350

Key to symbols and notes - see page 26

Key to symbols and notes

T Frequent District line services run between these stations. Please see London Underground publicity for more details

All services run by London Overground unless otherwise indicated

SN Service run by Southern

- A** Continues to Watford Junction
- B** Starts from Balham; continues to Milton Keynes Central
- C** Continues to Milton Keynes Central
- D** Starts from Coulsdon Town; continues to Watford Junction
- E** Starts from East Croydon; continues to Milton Keynes Central
- F** Starts from East Croydon
- G** Starts from South Croydon; continues to Milton Keynes Central
- H** Starts from South Croydon; continues to Watford Junction
- J** Starts from Watford Junction
- K** Starts from Milton Keynes Central; continues to East Croydon
- L** Starts from Milton Keynes Central; continues to South Croydon
- M** Continues to Purley
- N** Starts from Milton Keynes Central; continues to Selhurst
- P** Starts from Milton Keynes Central
- Q** Starts from Watford Junction; continues to South Croydon
- R** Starts from Watford Junction; continues to Selhurst
- S** Starts from Watford Junction; continues to East Croydon
- T** Starts from Woodgrange Park

APPENDIX E – TRAVL Analysis Output

TRAVL - Average Trip Rate by Mode and Time

Report ID 9

List of Surveys:

Code	Name	Address	Postcode	Survey Date
643	Mereway Industrial Estate	Mereway Road, Twickenham, Middlesex T W2 6RG	TW2 6RP	02/07/2008
1071	Milk and More	53 Gap Road	SW19 8JA	26/06/2012

Number of sites considered 2

Counts By Mode:

Mode: Bus

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
09:00-09:30	2	0.05233	0.00000	0.05233	1.0	0.0	1.0
10:00-10:30	2	0.05233	0.05233	0.10466	1.0	1.0	2.1
11:30-12:00	2	0.05233	0.00000	0.05233	1.0	0.0	1.0
12:00-12:30	2	0.10466	0.00000	0.10466	2.1	0.0	2.1
14:00-14:30	2	0.05233	0.00000	0.05233	1.0	0.0	1.0

Peak Period For Bus

In	12:00-12:30	0.10
Out	10:00-10:30	0.05
Total	10:00-10:30, 12:00-12:30	0.10

Mode: Car Driver

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
05:00-05:30	1	0.11442	0.00000	0.11442	2.3	0.0	2.3
05:30-06:00	1	0.00000	0.11442	0.11442	0.0	2.3	2.3
06:30-07:00	1	0.22883	0.00000	0.22883	4.6	0.0	4.6
07:00-07:30	2	0.15699	0.05233	0.20931	3.1	1.0	4.2
07:30-08:00	2	0.10466	0.05233	0.15699	2.1	1.0	3.1
08:00-08:30	2	0.20931	0.05233	0.26164	4.2	1.0	5.2
08:30-09:00	2	0.41863	0.20931	0.62794	8.4	4.2	12.6
09:00-09:30	2	0.47096	0.05233	0.52329	9.4	1.0	10.5
09:30-10:00	2	0.31397	0.41863	0.73260	6.3	8.4	14.7
10:00-10:30	2	0.20931	0.10466	0.31397	4.2	2.1	6.3
10:30-11:00	2	0.15699	0.26164	0.41863	3.1	5.2	8.4
11:00-11:30	2	0.26164	0.10466	0.36630	5.2	2.1	7.3
11:30-12:00	2	0.05233	0.15699	0.20931	1.0	3.1	4.2
12:30-13:00	2	0.15699	0.20931	0.36630	3.1	4.2	7.3
13:00-13:30	2	0.00000	0.10466	0.10466	0.0	2.1	2.1
14:30-15:00	2	0.00000	0.05233	0.05233	0.0	1.0	1.0
16:00-16:30	1	0.00000	0.09643	0.09643	0.0	1.9	1.9
17:00-17:30	1	0.09643	0.28930	0.38573	1.9	5.8	7.7
17:30-18:00	1	0.00000	0.09643	0.09643	0.0	1.9	1.9
18:00-18:30	1	0.00000	0.38573	0.38573	0.0	7.7	7.7
18:30-19:00	1	0.00000	0.38573	0.38573	0.0	7.7	7.7

Peak Period For Car Driver

In	09:00-09:30	0.47
Out	09:30-10:00	0.42
Total	09:30-10:00	0.73

Mode: Pedal Cycle

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
09:30-10:00	2	0.05233	0.00000	0.05233	1.0	0.0	1.0
10:00-10:30	2	0.00000	0.05233	0.05233	0.0	1.0	1.0
10:30-11:00	2	0.05233	0.00000	0.05233	1.0	0.0	1.0
11:00-11:30	2	0.10466	0.00000	0.10466	2.1	0.0	2.1
13:00-13:30	2	0.00000	0.05233	0.05233	0.0	1.0	1.0
16:00-16:30	1	0.00000	0.00000	0.00000	0.0	0.0	0.0
17:00-17:30	1	0.09643	0.28930	0.38573	1.9	5.8	7.7
17:30-18:00	1	0.00000	0.09643	0.09643	0.0	1.9	1.9

Peak Period For Pedal Cycle

In	11:00-11:30	0.10
Out	17:00-17:30	0.29
Total	17:00-17:30	0.39

Mode: Walk only

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	2	0.05233	0.05233	0.10466	1.0	1.0	2.1
08:30-09:00	2	0.15699	0.00000	0.15699	3.1	0.0	3.1
09:00-09:30	2	0.36630	0.26164	0.62794	7.3	5.2	12.6
09:30-10:00	2	0.05233	0.10466	0.15699	1.0	2.1	3.1
10:00-10:30	2	0.52329	0.05233	0.57561	10.5	1.0	11.5
10:30-11:00	2	0.20931	0.10466	0.31397	4.2	2.1	6.3
11:00-11:30	2	0.10466	0.05233	0.15699	2.1	1.0	3.1
11:30-12:00	2	0.26164	0.20931	0.47096	5.2	4.2	9.4
12:00-12:30	2	0.10466	0.00000	0.10466	2.1	0.0	2.1
12:30-13:00	2	0.05233	0.00000	0.05233	1.0	0.0	1.0
13:00-13:30	2	0.31397	0.26164	0.57561	6.3	5.2	11.5
13:30-14:00	2	0.73260	0.36630	1.09890	14.7	7.3	22.0
14:00-14:30	2	0.47096	0.26164	0.73260	9.4	5.2	14.7
14:30-15:00	2	0.26164	0.10466	0.36630	5.2	2.1	7.3
15:00-15:30	2	0.26164	0.15699	0.41863	5.2	3.1	8.4
15:30-16:00	1	0.48216	0.09643	0.57859	9.6	1.9	11.6
16:00-16:30	1	0.19286	0.09643	0.28930	3.9	1.9	5.8
16:30-17:00	1	0.28930	0.86789	1.15718	5.8	17.4	23.1
17:00-17:30	1	0.00000	0.77146	0.77146	0.0	15.4	15.4
17:30-18:00	1	0.09643	0.86789	0.96432	1.9	17.4	19.3
18:00-18:30	1	0.00000	0.38573	0.38573	0.0	7.7	7.7
18:30-19:00	1	0.00000	0.38573	0.38573	0.0	7.7	7.7

Peak Period For Walk only

In	13:30-14:00	0.73
Out	16:30-17:00	0.87
Total	16:30-17:00	1.16

TRAVL - Average Trip Rate by Mode and Time

Report ID 9

List of Surveys:

Code	Name	Address	Postcode	Survey Date
407	Big Yellow Self Storage	100 Garratt Lane	SW18 4DJ	24/11/2004
1069	Safestore	67 Gap Road	SW19 8JA	26/06/2012
980	Shurgard Self Storage	70 Putney Bridge Road	SW18 1HR	22/10/2010

Number of sites considered 3

Counts By Mode:

Mode: Bus

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
11:30-12:00	3	0.00877	0.00877	0.01754	0.1	0.1	0.2
12:30-13:00	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
18:00-18:30	1	0.00000	0.02219	0.02219	0.0	0.2	0.2

Peak Period For Bus

In	12:00-12:30	0.01
Out	18:00-18:30	0.02
Total	18:00-18:30	0.02

Mode: Car Driver

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.04385	0.06139	0.10524	0.4	0.6	1.1
08:30-09:00	3	0.04385	0.03508	0.07893	0.4	0.4	0.8
09:00-09:30	3	0.04385	0.02631	0.07016	0.4	0.3	0.7
09:30-10:00	3	0.14908	0.08770	0.23678	1.5	0.9	2.4
10:00-10:30	3	0.07893	0.07016	0.14908	0.8	0.7	1.5
10:30-11:00	3	0.05262	0.07893	0.13154	0.5	0.8	1.3
11:00-11:30	3	0.02631	0.05262	0.07893	0.3	0.5	0.8
11:30-12:00	3	0.09647	0.06139	0.15785	1.0	0.6	1.6
12:00-12:30	3	0.07016	0.07893	0.14908	0.7	0.8	1.5
12:30-13:00	3	0.01754	0.03508	0.05262	0.2	0.4	0.5
13:00-13:30	3	0.05262	0.03508	0.08770	0.5	0.4	0.9
13:30-14:00	3	0.04385	0.07016	0.11401	0.4	0.7	1.2
14:00-14:30	3	0.09647	0.09647	0.19293	1.0	1.0	2.0
14:30-15:00	3	0.08770	0.07016	0.15785	0.9	0.7	1.6
15:00-15:30	3	0.04385	0.05262	0.09647	0.4	0.5	1.0
15:30-16:00	3	0.05262	0.07016	0.12277	0.5	0.7	1.3
16:00-16:30	3	0.07016	0.03508	0.10524	0.7	0.4	1.1
16:30-17:00	3	0.05262	0.08770	0.14031	0.5	0.9	1.4
17:00-17:30	3	0.10524	0.06139	0.16662	1.1	0.6	1.7
17:30-18:00	3	0.04385	0.09647	0.14031	0.4	1.0	1.4
18:00-18:30	1	0.04439	0.06658	0.11096	0.5	0.7	1.1

Peak Period For Car Driver

In	09:30-10:00	0.15
Out	14:00-14:30	0.10
Total	09:30-10:00	0.24

Mode: Pedal Cycle

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
08:30-09:00	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
09:00-09:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
09:30-10:00	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
10:00-10:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
10:30-11:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
11:00-11:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
11:30-12:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
12:00-12:30	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
12:30-13:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
13:00-13:30	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
13:30-14:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
14:00-14:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
14:30-15:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
15:00-15:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
15:30-16:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
16:00-16:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
16:30-17:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
17:00-17:30	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
17:30-18:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0

Peak Period For Pedal Cycle

In	09:30-10:00	0.01
Out	09:30-10:00	0.01
Total	09:30-10:00	0.01

Mode: Walk & PT

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.02631	0.00000	0.02631	0.3	0.0	0.3
08:30-09:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
09:00-09:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
09:30-10:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
10:00-10:30	3	0.01754	0.00877	0.02631	0.2	0.1	0.3
10:30-11:00	3	0.00000	0.01754	0.01754	0.0	0.2	0.2
11:00-11:30	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
11:30-12:00	3	0.01754	0.00000	0.01754	0.2	0.0	0.2
12:00-12:30	3	0.00877	0.02631	0.03508	0.1	0.3	0.4
12:30-13:00	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
13:00-13:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
13:30-14:00	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
14:00-14:30	3	0.00877	0.00877	0.01754	0.1	0.1	0.2
14:30-15:00	3	0.00877	0.00877	0.01754	0.1	0.1	0.2
15:00-15:30	3	0.01754	0.00000	0.01754	0.2	0.0	0.2
15:30-16:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
16:00-16:30	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
16:30-17:00	3	0.01754	0.00877	0.02631	0.2	0.1	0.3
17:00-17:30	3	0.00000	0.02631	0.02631	0.0	0.3	0.3
17:30-18:00	3	0.00000	0.00000	0.00000	0.0	0.0	0.0

Peak Period For Walk & PT

In	09:30-10:00	0.03
Out	12:00-12:30	0.03
Total	12:00-12:30	0.04

Mode: Walk only

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
08:30-09:00	3	0.00877	0.00000	0.00877	0.1	0.0	0.1
09:00-09:30	3	0.00000	0.00877	0.00877	0.0	0.1	0.1
09:30-10:00	3	0.01754	0.00000	0.01754	0.2	0.0	0.2
10:30-11:00	3	0.00877	0.01754	0.02631	0.1	0.2	0.3
11:00-11:30	3	0.00877	0.01754	0.02631	0.1	0.2	0.3
11:30-12:00	3	0.00877	0.03508	0.04385	0.1	0.4	0.4
12:00-12:30	3	0.03508	0.01754	0.05262	0.4	0.2	0.5
12:30-13:00	3	0.01754	0.00877	0.02631	0.2	0.1	0.3
13:00-13:30	3	0.01754	0.00877	0.02631	0.2	0.1	0.3
13:30-14:00	3	0.01754	0.00877	0.02631	0.2	0.1	0.3
14:00-14:30	3	0.02631	0.00877	0.03508	0.3	0.1	0.4
14:30-15:00	3	0.00877	0.03508	0.04385	0.1	0.4	0.4
15:00-15:30	3	0.00877	0.02631	0.03508	0.1	0.3	0.4
16:00-16:30	3	0.02631	0.00000	0.02631	0.3	0.0	0.3
16:30-17:00	3	0.00000	0.02631	0.02631	0.0	0.3	0.3
17:00-17:30	3	0.02631	0.00877	0.03508	0.3	0.1	0.4
17:30-18:00	3	0.00000	0.01754	0.01754	0.0	0.2	0.2
18:00-18:30	1	0.02219	0.00000	0.02219	0.2	0.0	0.2

Peak Period For Walk only

In	12:00-12:30	0.04
Out	11:30-12:00	0.04
Total	12:00-12:30	0.05

TRAVL - Average Trip Rate by Mode and Time

Report ID 9

List of Surveys:

Code	Name	Address	Postcode	Survey Date
643	Mereway Industrial Estate	Mereway Road, Twickenham, Middlesex T W2 6RG	TW2 6RP	02/07/2008
1071	Milk and More	53 Gap Road	SW19 8JA	26/06/2012
1031	Selco	Crown Road	EN1 1TX	08/06/2011

Number of sites considered 3

Counts By Mode:

Mode: Bus

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
08:00-08:30	3	0.00000	0.00000	0.00000	0.0	0.0	0.0
08:30-09:00	3	0.00000	0.01933	0.01933	0.0	0.2	0.2
09:00-09:30	3	0.01933	0.00000	0.01933	0.2	0.0	0.2
10:00-10:30	3	0.01933	0.01933	0.03867	0.2	0.2	0.4
11:30-12:00	3	0.01933	0.00000	0.01933	0.2	0.0	0.2
12:00-12:30	3	0.03867	0.00000	0.03867	0.4	0.0	0.4
14:00-14:30	3	0.01933	0.00000	0.01933	0.2	0.0	0.2

Peak Period For Bus

In	12:00-12:30	0.04
Out	08:30-09:00	0.02
Total	10:00-10:30	0.04

Mode: Car Driver

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
05:00-05:30	1	0.11442	0.00000	0.11442	1.2	0.0	1.2
05:30-06:00	1	0.00000	0.11442	0.11442	0.0	1.2	1.2
06:30-07:00	2	0.48368	0.21765	0.70133	5.0	2.2	7.2
07:00-07:30	3	0.27069	0.48337	0.75406	2.8	4.9	7.7
07:30-08:00	3	0.46404	0.34803	0.81206	4.8	3.6	8.3
08:00-08:30	3	0.42537	0.32869	0.75406	4.4	3.4	7.7
08:30-09:00	3	0.67672	0.56071	1.23743	6.9	5.7	12.7
09:00-09:30	3	0.52204	0.44470	0.96674	5.3	4.6	9.9
09:30-10:00	3	0.59938	0.48337	1.08275	6.1	4.9	11.1
10:00-10:30	3	0.42537	0.58005	1.00541	4.4	5.9	10.3
10:30-11:00	3	0.44470	0.36736	0.81206	4.6	3.8	8.3
11:00-11:30	3	0.52204	0.52204	1.04408	5.3	5.3	10.7
11:30-12:00	3	0.46404	0.40603	0.87007	4.8	4.2	8.9
12:00-12:30	3	0.32869	0.32869	0.65739	3.4	3.4	6.7
12:30-13:00	3	0.38670	0.50271	0.88940	4.0	5.1	9.1
13:00-13:30	3	0.40603	0.25135	0.65739	4.2	2.6	6.7
13:30-14:00	3	0.38670	0.32869	0.71539	4.0	3.4	7.3
14:00-14:30	3	0.17401	0.34803	0.52204	1.8	3.6	5.3
14:30-15:00	3	0.21268	0.23202	0.44470	2.2	2.4	4.6
15:00-15:30	3	0.19335	0.32869	0.52204	2.0	3.4	5.3
15:30-16:00	2	0.13960	0.18613	0.32573	1.4	1.9	3.3
16:00-16:30	2	0.23267	0.34900	0.58167	2.4	3.6	6.0
16:30-17:00	2	0.11633	0.18613	0.30247	1.2	1.9	3.1
17:00-17:30	2	0.34900	0.25593	0.60493	3.6	2.6	6.2
17:30-18:00	2	0.18613	0.23267	0.41880	1.9	2.4	4.3
18:00-18:30	2	0.20940	0.32573	0.53513	2.1	3.3	5.5
18:30-19:00	2	0.27920	0.32573	0.60493	2.9	3.3	6.2
19:00-19:30	1	0.15333	0.21466	0.36799	1.6	2.2	3.8
19:30-20:00	1	0.00000	0.42932	0.42932	0.0	4.4	4.4

Peak Period For Car Driver

In	08:30-09:00	0.68
Out	10:00-10:30	0.58
Total	08:30-09:00	1.24

Mode: Pedal Cycle

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
09:30-10:00	3	0.01933	0.00000	0.01933	0.2	0.0	0.2
10:00-10:30	3	0.00000	0.01933	0.01933	0.0	0.2	0.2
10:30-11:00	3	0.01933	0.00000	0.01933	0.2	0.0	0.2
11:00-11:30	3	0.03867	0.00000	0.03867	0.4	0.0	0.4
13:00-13:30	3	0.00000	0.01933	0.01933	0.0	0.2	0.2
16:00-16:30	2	0.00000	0.00000	0.00000	0.0	0.0	0.0
17:00-17:30	2	0.02327	0.06980	0.09307	0.2	0.7	1.0
17:30-18:00	2	0.00000	0.02327	0.02327	0.0	0.2	0.2

Peak Period For Pedal Cycle

In	11:00-11:30	0.04
Out	17:00-17:30	0.07
Total	17:00-17:30	0.09

Mode: Walk only

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
06:30-07:00	2	0.00000	0.02418	0.02418	0.0	0.2	0.2
07:00-07:30	3	0.01933	0.00000	0.01933	0.2	0.0	0.2
08:00-08:30	3	0.01933	0.01933	0.03867	0.2	0.2	0.4
08:30-09:00	3	0.05800	0.01933	0.07734	0.6	0.2	0.8
09:00-09:30	3	0.15468	0.09667	0.25135	1.6	1.0	2.6
09:30-10:00	3	0.03867	0.03867	0.07734	0.4	0.4	0.8
10:00-10:30	3	0.19335	0.01933	0.21268	2.0	0.2	2.2
10:30-11:00	3	0.15468	0.05800	0.21268	1.6	0.6	2.2
11:00-11:30	3	0.03867	0.01933	0.05800	0.4	0.2	0.6
11:30-12:00	3	0.09667	0.07734	0.17401	1.0	0.8	1.8
12:00-12:30	3	0.03867	0.00000	0.03867	0.4	0.0	0.4
12:30-13:00	3	0.03867	0.00000	0.03867	0.4	0.0	0.4
13:00-13:30	3	0.11601	0.09667	0.21268	1.2	1.0	2.2
13:30-14:00	3	0.27069	0.15468	0.42537	2.8	1.6	4.4
14:00-14:30	3	0.17401	0.09667	0.27069	1.8	1.0	2.8
14:30-15:00	3	0.11601	0.05800	0.17401	1.2	0.6	1.8
15:00-15:30	3	0.09667	0.07734	0.17401	1.0	0.8	1.8
15:30-16:00	2	0.13960	0.06980	0.20940	1.4	0.7	2.1
16:00-16:30	2	0.04653	0.02327	0.06980	0.5	0.2	0.7
16:30-17:00	2	0.06980	0.23267	0.30247	0.7	2.4	3.1
17:00-17:30	2	0.00000	0.20940	0.20940	0.0	2.1	2.1
17:30-18:00	2	0.04653	0.25593	0.30247	0.5	2.6	3.1
18:00-18:30	2	0.00000	0.13960	0.13960	0.0	1.4	1.4
18:30-19:00	2	0.00000	0.09307	0.09307	0.0	1.0	1.0

Peak Period For Walk only

In	13:30-14:00	0.27
Out	17:30-18:00	0.26
Total	13:30-14:00	0.43

TRAVL - Average Trip Rate by Mode and Time

Report ID 9

List of Surveys:

Code	Name	Address	Postcode	Survey Date
417	Albion Wharf (Affordable)	6 Hester Road,	SW11 4AL	19/04/2005
390	Coopers Court (Private)	Church Road, Acton	W3 8PN	22/09/2005
650	Green Dragon House	Green Dragon House, Stukeley Street, Camden, WC2H 5LQ	WC2H 5LQ	11/09/2008
699	Watson House & Havilland House	Elmgrove Road, Harrow	HA1 2QJ	24/02/2009
649	Winchester Mews	Winchester Mews Camden London	NW3 3NA	18/09/2008

Number of sites considered 5

Counts By Mode:

Mode: Bus

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:30-08:00	5	0.00000	0.03604	0.03604	0.0	2.3	2.3
08:00-08:30	5	0.00000	0.01802	0.01802	0.0	1.1	1.1
08:30-09:00	5	0.00450	0.04054	0.04505	0.3	2.6	2.8
09:00-09:30	5	0.00901	0.01351	0.02252	0.6	0.9	1.4
09:30-10:00	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
13:30-14:00	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
14:30-15:00	5	0.00000	0.01802	0.01802	0.0	1.1	1.1
15:30-16:00	5	0.03604	0.00000	0.03604	2.3	0.0	2.3
16:00-16:30	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
16:30-17:00	5	0.01351	0.00000	0.01351	0.9	0.0	0.9
17:30-18:00	5	0.00901	0.00000	0.00901	0.6	0.0	0.6

Peak Period For Bus

In	15:30-16:00	0.04
Out	08:30-09:00	0.04
Total	08:30-09:00	0.05

Mode: Car Driver

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:00-07:30	5	0.00000	0.03153	0.03153	0.0	2.0	2.0
07:30-08:00	5	0.00000	0.03604	0.03604	0.0	2.3	2.3
08:00-08:30	5	0.00450	0.02703	0.03153	0.3	1.7	2.0
08:30-09:00	5	0.00000	0.05405	0.05405	0.0	3.4	3.4
09:00-09:30	5	0.00901	0.00450	0.01351	0.6	0.3	0.9
09:30-10:00	5	0.00901	0.00901	0.01802	0.6	0.6	1.1
10:00-10:30	5	0.00901	0.00450	0.01351	0.6	0.3	0.9
10:30-11:00	5	0.00901	0.00000	0.00901	0.6	0.0	0.6
11:00-11:30	5	0.00000	0.00901	0.00901	0.0	0.6	0.6
11:30-12:00	5	0.00901	0.01802	0.02703	0.6	1.1	1.7
12:00-12:30	5	0.00901	0.00450	0.01351	0.6	0.3	0.9
12:30-13:00	5	0.01351	0.00901	0.02252	0.9	0.6	1.4
13:00-13:30	5	0.00901	0.00901	0.01802	0.6	0.6	1.1
13:30-14:00	5	0.01351	0.02252	0.03604	0.9	1.4	2.3
14:00-14:30	5	0.01802	0.02252	0.04054	1.1	1.4	2.6
14:30-15:00	5	0.01802	0.00901	0.02703	1.1	0.6	1.7
15:00-15:30	5	0.03604	0.03604	0.07207	2.3	2.3	4.5
15:30-16:00	5	0.03604	0.01351	0.04955	2.3	0.9	3.1
16:00-16:30	5	0.03153	0.02252	0.05405	2.0	1.4	3.4
16:30-17:00	5	0.01802	0.01802	0.03604	1.1	1.1	2.3
17:00-17:30	5	0.03153	0.02703	0.05856	2.0	1.7	3.7
17:30-18:00	5	0.03153	0.01802	0.04955	2.0	1.1	3.1
18:00-18:30	5	0.03153	0.01802	0.04955	2.0	1.1	3.1
18:30-19:00	5	0.04955	0.02703	0.07658	3.1	1.7	4.8
19:00-19:30	5	0.02703	0.01802	0.04505	1.7	1.1	2.8
19:30-20:00	5	0.04054	0.01351	0.05405	2.6	0.9	3.4
20:00-20:30	5	0.02252	0.00000	0.02252	1.4	0.0	1.4
20:30-21:00	5	0.01802	0.00450	0.02252	1.1	0.3	1.4
21:00-21:30	5	0.00450	0.00901	0.01351	0.3	0.6	0.9
21:30-22:00	5	0.01351	0.00450	0.01802	0.9	0.3	1.1

Peak Period For Car Driver

In	18:30-19:00	0.05
Out	08:30-09:00	0.05
Total	18:30-19:00	0.08

Mode: Pedal Cycle

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:00-07:30	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
07:30-08:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
08:00-08:30	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
08:30-09:00	5	0.01351	0.01351	0.02703	0.9	0.9	1.7
09:00-09:30	5	0.00000	0.00901	0.00901	0.0	0.6	0.6
09:30-10:00	5	0.00000	0.00901	0.00901	0.0	0.6	0.6
10:00-10:30	5	0.00000	0.00450	0.00450	0.0	0.3	0.3
10:30-11:00	5	0.00000	0.00450	0.00450	0.0	0.3	0.3
11:00-11:30	5	0.00450	0.00450	0.00901	0.3	0.3	0.6
11:30-12:00	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
12:00-12:30	5	0.00450	0.00450	0.00901	0.3	0.3	0.6
12:30-13:00	5	0.00000	0.00450	0.00450	0.0	0.3	0.3
13:00-13:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
13:30-14:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
14:00-14:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
14:30-15:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
15:00-15:30	5	0.00450	0.00450	0.00901	0.3	0.3	0.6
15:30-16:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
16:00-16:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
16:30-17:00	5	0.00450	0.00901	0.01351	0.3	0.6	0.9
17:00-17:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
17:30-18:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
18:00-18:30	5	0.01802	0.00450	0.02252	1.1	0.3	1.4
18:30-19:00	5	0.00000	0.00450	0.00450	0.0	0.3	0.3
19:00-19:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
19:30-20:00	5	0.00000	0.00901	0.00901	0.0	0.6	0.6
20:00-20:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
20:30-21:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
21:00-21:30	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
21:30-22:00	5	0.00000	0.00000	0.00000	0.0	0.0	0.0

Peak Period For Pedal Cycle

In	18:00-18:30	0.02
Out	08:30-09:00	0.01
Total	08:30-09:00	0.03

Mode: Underground

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:30-08:00	5	0.00000	0.00450	0.00450	0.0	0.3	0.3
08:00-08:30	5	0.00000	0.01802	0.01802	0.0	1.1	1.1
08:30-09:00	5	0.00450	0.00450	0.00901	0.3	0.3	0.6
10:00-10:30	5	0.00000	0.00000	0.00000	0.0	0.0	0.0
13:00-13:30	5	0.00901	0.00000	0.00901	0.6	0.0	0.6
15:30-16:00	5	0.01351	0.00000	0.01351	0.9	0.0	0.9
16:00-16:30	5	0.00450	0.00000	0.00450	0.3	0.0	0.3
18:30-19:00	5	0.00450	0.00000	0.00450	0.3	0.0	0.3

Peak Period For Underground

In	15:30-16:00	0.01
Out	08:00-08:30	0.02
Total	08:00-08:30	0.02

Mode: Walk & PT

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:00-07:30	5	0.04505	0.04054	0.08559	2.8	2.6	5.4
07:30-08:00	5	0.04955	0.04955	0.09910	3.1	3.1	6.2
08:00-08:30	5	0.05856	0.04054	0.09910	3.7	2.6	6.2
08:30-09:00	5	0.06757	0.09910	0.16667	4.3	6.2	10.5
09:00-09:30	5	0.04955	0.01351	0.06306	3.1	0.9	4.0
09:30-10:00	5	0.01802	0.02703	0.04505	1.1	1.7	2.8
10:00-10:30	5	0.01802	0.02703	0.04505	1.1	1.7	2.8
10:30-11:00	5	0.02252	0.00901	0.03153	1.4	0.6	2.0
11:00-11:30	5	0.00000	0.02252	0.02252	0.0	1.4	1.4
11:30-12:00	5	0.01802	0.00901	0.02703	1.1	0.6	1.7
12:00-12:30	5	0.00901	0.02252	0.03153	0.6	1.4	2.0
12:30-13:00	5	0.01351	0.00901	0.02252	0.9	0.6	1.4
13:00-13:30	5	0.04054	0.00901	0.04955	2.6	0.6	3.1
13:30-14:00	5	0.03604	0.01351	0.04955	2.3	0.9	3.1
14:00-14:30	5	0.02703	0.01802	0.04505	1.7	1.1	2.8
14:30-15:00	5	0.04054	0.04505	0.08559	2.6	2.8	5.4
15:00-15:30	5	0.02252	0.02703	0.04955	1.4	1.7	3.1
15:30-16:00	5	0.04955	0.01351	0.06306	3.1	0.9	4.0
16:00-16:30	5	0.02703	0.05405	0.08108	1.7	3.4	5.1
16:30-17:00	5	0.01802	0.02252	0.04054	1.1	1.4	2.6
17:00-17:30	5	0.03153	0.04955	0.08108	2.0	3.1	5.1
17:30-18:00	5	0.07658	0.04955	0.12613	4.8	3.1	7.9
18:00-18:30	5	0.05856	0.04955	0.10811	3.7	3.1	6.8
18:30-19:00	5	0.04054	0.04054	0.08108	2.6	2.6	5.1
19:00-19:30	5	0.03153	0.04054	0.07207	2.0	2.6	4.5
19:30-20:00	5	0.04505	0.07207	0.11712	2.8	4.5	7.4
20:00-20:30	5	0.04505	0.04054	0.08559	2.8	2.6	5.4
20:30-21:00	5	0.01802	0.04505	0.06306	1.1	2.8	4.0
21:00-21:30	5	0.00901	0.01351	0.02252	0.6	0.9	1.4
21:30-22:00	5	0.03153	0.02703	0.05856	2.0	1.7	3.7

Peak Period For Walk & PT

In	17:30-18:00	0.08
Out	08:30-09:00	0.10
Total	08:30-09:00	0.17

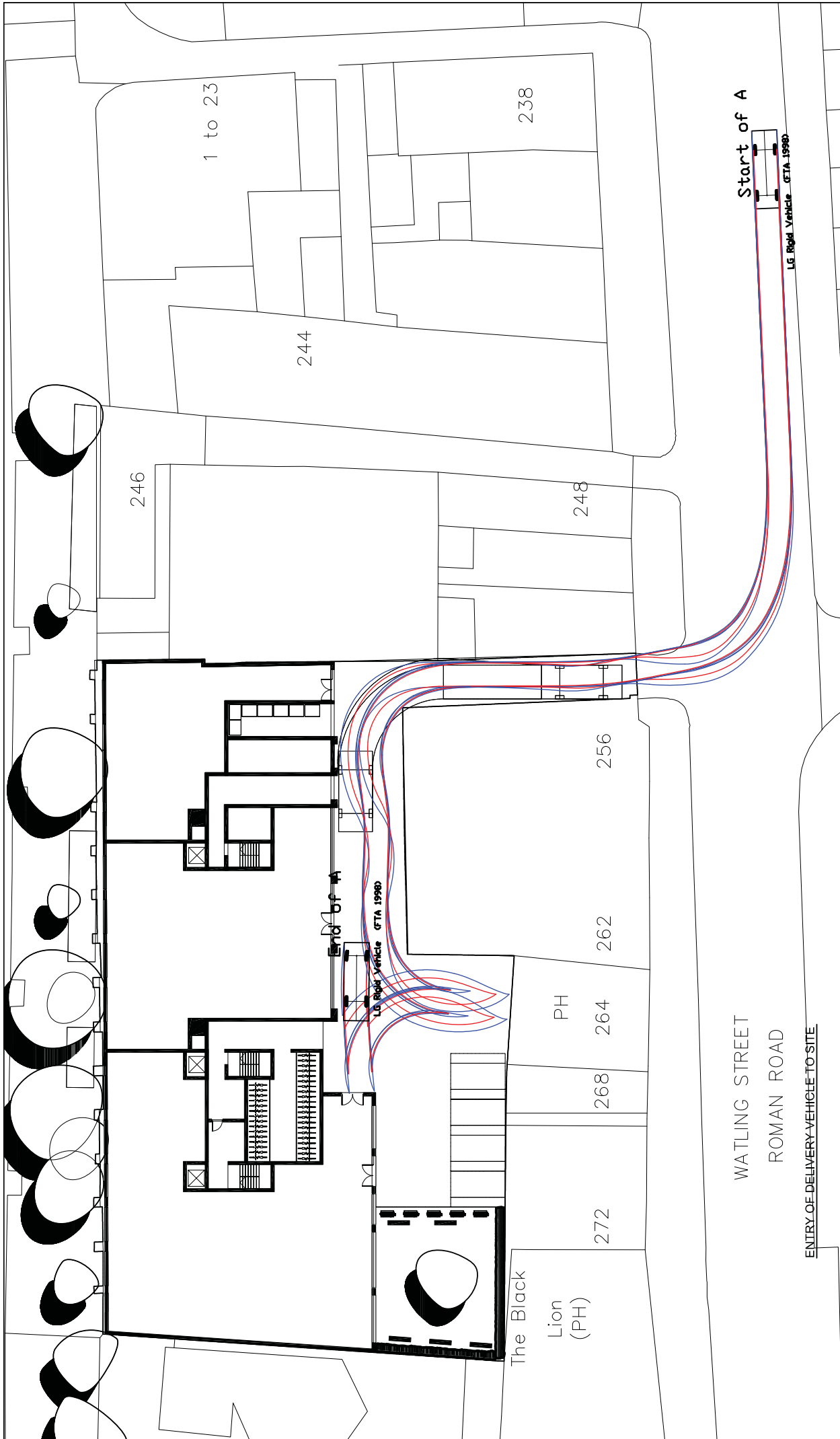
Mode: Walk only

Time Band	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate	Predicted Trips In	Predicted Trips Out	Predicted Trips Total
07:00-07:30	5	0.00000	0.07658	0.07658	0.0	4.8	4.8
07:30-08:00	5	0.00450	0.09459	0.09910	0.3	6.0	6.2
08:00-08:30	5	0.02252	0.19369	0.21622	1.4	12.2	13.6
08:30-09:00	5	0.03153	0.13514	0.16667	2.0	8.5	10.5
09:00-09:30	5	0.05856	0.07207	0.13063	3.7	4.5	8.2
09:30-10:00	5	0.04054	0.04505	0.08559	2.6	2.8	5.4
10:00-10:30	5	0.02703	0.04955	0.07658	1.7	3.1	4.8
10:30-11:00	5	0.02252	0.03604	0.05856	1.4	2.3	3.7
11:00-11:30	5	0.07207	0.07658	0.14865	4.5	4.8	9.4
11:30-12:00	5	0.03604	0.04505	0.08108	2.3	2.8	5.1
12:00-12:30	5	0.03604	0.05856	0.09459	2.3	3.7	6.0
12:30-13:00	5	0.06757	0.02252	0.09009	4.3	1.4	5.7
13:00-13:30	5	0.06306	0.04955	0.11261	4.0	3.1	7.1
13:30-14:00	5	0.04054	0.06757	0.10811	2.6	4.3	6.8
14:00-14:30	5	0.08108	0.05405	0.13514	5.1	3.4	8.5
14:30-15:00	5	0.02252	0.03604	0.05856	1.4	2.3	3.7
15:00-15:30	5	0.03604	0.06757	0.10360	2.3	4.3	6.5
15:30-16:00	5	0.18919	0.03153	0.22072	11.9	2.0	13.9
16:00-16:30	5	0.11712	0.07658	0.19369	7.4	4.8	12.2
16:30-17:00	5	0.10360	0.04955	0.15315	6.5	3.1	9.6
17:00-17:30	5	0.09910	0.07658	0.17568	6.2	4.8	11.1
17:30-18:00	5	0.13514	0.12162	0.25676	8.5	7.7	16.2
18:00-18:30	5	0.15315	0.03153	0.18468	9.6	2.0	11.6
18:30-19:00	5	0.09459	0.09009	0.18468	6.0	5.7	11.6
19:00-19:30	5	0.10360	0.08108	0.18468	6.5	5.1	11.6
19:30-20:00	5	0.09459	0.03153	0.12613	6.0	2.0	7.9
20:00-20:30	5	0.10360	0.06306	0.16667	6.5	4.0	10.5
20:30-21:00	5	0.05405	0.00450	0.05856	3.4	0.3	3.7
21:00-21:30	5	0.07207	0.02252	0.09459	4.5	1.4	6.0
21:30-22:00	5	0.01802	0.02252	0.04054	1.1	1.4	2.6

Peak Period For Walk only

In	15:30-16:00	0.19
Out	08:00-08:30	0.19
Total	17:30-18:00	0.26

APPENDIX F – Vehicle Tracking



Drawn	AH	Eng	CCT
Scales	NTS at A1	NTS at A3	
Drawing No	22408-501	Rev	P1

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254 KILBURN HIGH ROAD
 LONDON
 VEHICLE TRACKING
 PROPOSED DEVELOPMENT

Rev	Date	Drawn	Eng	Assessment
P1	11/24/24	AH	CCT	Issued for Information

INFORMATION ONLY

- Notes :**
- This Drawing is to be read in conjunction with all relevant Architects, Engineers and specialists' drawings and specifications.
 - Do not scale from this drawing. In either paper or electronic form, the drawing has been printed to the intended scale. This drawing should be 50mm long @ A1 or 25mm long @ A3.
 - Health & Safety :**
 All specific drawing details are to be read in conjunction with the project 'Information Paper' and 'Site Rules'.

APENDIX G – Correspondence with Local Authority

Cynthia,

I have been informed that the contacts at Brent Council for the Kilburn High Road improvement scheme are Steven Salter (Steven.Salter@brent.gov.uk) (020 8937 5310) and Adrian Piggott. Either of them should be able to put you in contact with the relevant transport planner at Brent.

As for TfL, I would suggest that you try contacting Mark Day (020 3054 7025). The pre-app info can be emailed to boroughplanning@tfl.gov.uk.

Kind regards,

John Duffy

Transport Strategy
Telephone: 020 7974 3343

From: Cynthia Conger-Thompson [<mailto:cconger-thompson@pricemyers.com>]
Sent: 01 April 2014 14:33
To: Duffy, John
Cc: Arbery, Bethany
Subject: RE: 254 Kilburn High Rd re Transport Statement

Hello John,

Further to the pre-application meeting, I am working on including all your comments and feedback into the TS report. I would like to know if you have any contacts from TfL and Brent Council that I might be able to get in touch with as we plan to finalise our reports for planning soon. I look forward to your reply.

Kind Regards,

Cynthia Conger-Thompson
Civil Engineer

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From: Duffy, John [<mailto:John.Duffy@camden.gov.uk>]
Sent: 03 March 2014 17:28
To: Cynthia Conger-Thompson
Cc: Arbery, Bethany
Subject: 254 Kilburn High Rd re Transport Statement

Cynthia,

Further to our conversation, I believe that it would be helpful to enter in a pre-application discussion with my planning colleagues regarding issues such as design, height, massing, lifetime homes, affordable housing, loss of employment, BREEAM, etc. I have copied in the area team manager so that she is aware of this proposal to demolish the existing warehouses and construct a 7 storey building comprising 63 residents units and 1,024 sqm of replacement commercial space.

I have the following comments with regard to the draft Transport Statement and proposed layout:

- the site is located to the rear of properties on Kilburn High Road. Whilst the site is located in Camden, this section of Kilburn High Road is managed and maintained by Brent Council, who should be a consultee on the proposal;

- rather than rely on TRAVL data for the existing use, pedestrian and vehicles surveys of the driveway should be conducted over a 12 hour period;

- modal split data for the local area can be obtained from the Neighbourhood Statistics website. Rather than use Ward data, Local Output Areas can be selected from the map option;

- given the constrained nature of the site, with access limited by the width of the driveway from Kilburn High Road, a draft Construction Logistics Plan should be submitted with the application. This should set out information on how the site will be accessed by construction vehicles during the demolition and construction phases and how the build will be carried out;

- cycle parking should be provided in accordance with London Plan REMA standards. Separate storage areas may be required for the residential and commercial uses. The provision of cycle parking will be secured by condition. Please see Camden Planning Guidance 7: Transport for further information on how the cycle parking should be laid out and which types of stand are acceptable;

- the submitted vehicle tracking plan (22408/V003/P2) indicates that LG rigid vehicles will not be able to access the site without damaging the Block C bin store, plant room and residential entrance. The Mercedes Sprinter van appears to be able to turn around within the site using the area currently marked out for parking. The parking spaces in this location will need to be removed and the area cross hatched in yellow and marked as "No Parking". The remaining disabled parking spaces should be allocated to the fully wheelchair accessible units;

- in line with Policy DP18, the development will be secured as car free/car capped by means of a Section 106 Agreement, this will prevent the occupants from being able to obtain on-street parking permits from the Council;

- a Section 106 contribution will be sought for repaving the crossover on Kilburn High Road, so as to repair any damage that may be caused by demolition/construction;

- as the proposal represents and intensification of use of the site, a Section 106 contribution will be sought towards improvements to pedestrian, cycle and public realm facilities in the vicinity of the site;
- the proposal will be subject to the Mayor of London's Community Infrastructure Levy (CIL) in respect of the funding of Crossrail. This is currently charged at the rate of £50/sqm for all additional floorspace;
- my planning colleagues will be able to advise further on contributions towards education, open space provision, community facilities, employment/training, and apprenticeships.

I trust that this is helpful.

Kind regards,

John Duffy

Transport Strategy
Culture and Environment
London Borough of Camden

Telephone: 020 7974 3343
Web: camden.gov.uk
4th Floor
Argyle Street
London WC1H 8EQ

Please consider the environment before printing this email.

From: Cynthia Conger-Thompson [<mailto:cconger-thompson@pricemyers.com>]
Sent: 03 March 2014 11:48
To: Wells, David
Subject: FW: Advice/Local Authority feedback on a Transport Statement for planning application

Hello David,

Following the telephone conversation, attached is a draft of the Transport Statement for the proposed mixed use development. Looking forwards to the feedback and suggestions.

Kind Regards,

Cynthia Conger-Thompson
Civil Engineer

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Registered Office 30 Newman Street London W1T

From: Cynthia Conger-Thompson
Sent: 28 February 2014 16:46
To: 'david.wells@camden.gov.uk'
Subject: FW: Advice/Local Authority feedback on a Transport Statement for planning application

Dear David,

I am currently working on a draft Transport Statement Report for a development in Kilburn High Road and would like to know if you could provide some assistance in forms of feedback and comments from Camden Council with regards to development proposals especially on the impacts on the local transport infrastructure.

I would like to be able to get some input and feedback from Camden Council prior to putting the planning applications for the proposed development. I hope to hear from you soon.

Kind Regards

Cynthia Conger-Thompson
Civil Engineer

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APPENDIX H – Traffic Survey



Sky High-Count On Us

Job Title: Kilburn High Rd

Job Number: L0684

Client:

Date: 25th and 26th March 2014

Survey Type: Parking Beat

SURVEY DATE: 25th and 26th March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	LENGTH																	Grand Total			
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES	SU	SY	SY/BL		SY/DK	SY/PED	ZZ
Aldershot Road	0	0	0	0	0	0	30	0	0	0	0	0	0	0	25	0	0	5	0	0	140
Buckley Road	0	5	0	0	20	5	65	0	0	10	1	20	0	225	15	20	0	50	0	0	436
Burton Road	0	5	0	0	0	0	55	0	0	10	1	15	10	200	0	0	0	20	0	0	316
Callcott Road	0	0	0	0	0	0	65	0	0	0	0	0	0	450	20	0	0	30	0	0	565
Cavendish Road	0	0	0	0	5	0	45	0	0	10	0	15	10	135	0	10	0	55	0	0	285
Cotleigh Road	0	0	0	0	0	0	20	0	0	0	0	0	0	175	0	0	0	0	0	0	195
Dunster Gardens	0	0	0	0	0	0	20	0	0	0	0	40	0	235	0	15	0	30	0	0	340
Dyne Road	0	0	0	0	15	0	80	0	0	10	1	95	0	60	0	10	0	35	0	0	306
Garangeway	0	0	0	0	10	0	110	0	0	5	1	35	0	420	45	0	0	0	0	0	206
Gascony Avenue	0	0	0	0	5	0	90	0	0	0	1	10	5	0	0	0	0	10	0	0	541
Iverson Road	0	0	0	0	5	0	50	0	0	10	0	0	0	165	25	25	0	0	0	0	280
Kenilworth Road	0	0	0	0	0	0	20	0	0	0	0	0	0	45	35	0	0	5	0	0	105
Kilburn High Road	0	0	115	0	5	0	395	0	0	20	0	35	65	0	0	330	120	15	5	290	1395
Kingsgate Place	0	0	0	0	5	0	105	0	25	10	0	10	0	70	0	0	0	10	0	0	235
Kingsgate Road	0	0	0	0	0	0	50	0	30	10	1	10	0	110	60	35	0	0	0	0	306
Messina Avenue	0	0	0	0	5	0	90	0	50	0	1	30	0	310	45	50	0	15	0	0	596
Netherwood Street	10	0	0	10	5	0	60	5	10	15	0	45	0	340	25	0	0	10	0	0	535
Palmerston Road	0	0	0	0	0	0	20	0	0	5	0	30	0	20	0	0	0	5	0	0	80
Plympton Road	0	5	0	0	0	0	20	0	0	0	0	0	0	270	0	0	0	5	0	0	300
Priony Park Road	0	0	0	0	0	0	15	0	0	15	0	10	0	0	0	0	0	0	0	0	40
St Julian's Road	0	0	0	0	8	0	55	0	0	0	0	45	0	180	0	0	0	0	0	0	287.5
Streatley Road	0	0	0	0	5	0	70	0	0	0	0	0	5	315	155	0	0	40	0	0	590
The Terrace	0	0	0	0	0	0	130	0	0	0	0	0	0	0	0	0	0	0	0	0	130
Willisden Lane	0	0	45	0	5	0	125	0	0	25	1	125	15	20	0	70	0	10	0	55	496
Grand Total	10	15	160	10	98	5	1785	5	115	155	8	570	110	3825	450	565	120	350	5	345	8705.5

SURVEY DATE: 25th and 26th March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	BAYS																	Grand Total						
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES	SU	SY	SY/BL		SY/DK	SY/PED	ZZ			
Aldershot Road	0	0	0	0	0	0	6	0	0	0	0	0	0	0	16	5	0	0	1	0	0	0	28	
Buckley Road	0	1	0	0	4	1	13	0	0	2	1	4	0	0	45	3	4	0	10	0	0	0	88	
Burton Road	0	1	0	0	0	0	11	0	0	2	1	3	2	0	40	0	0	4	0	0	0	0	64	
Calcott Road	0	0	0	0	0	0	13	0	0	0	0	0	0	0	90	4	0	0	6	0	0	0	113	
Cavendish Road	0	0	0	0	1	0	9	0	0	2	0	3	2	0	27	0	2	0	11	0	0	0	57	
Cotleigh Road	0	0	0	0	0	0	4	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	39	
Dunster Gardens	0	0	0	0	0	0	4	0	0	0	0	8	0	0	47	0	3	0	6	0	0	0	68	
Dyne Road	0	0	0	0	3	0	16	0	0	2	1	19	0	0	12	0	2	0	7	0	0	0	62	
Garangeway	0	0	0	0	2	0	22	0	0	1	1	7	0	0	0	9	0	0	0	0	0	0	0	42
Gascony Avenue	0	0	0	0	1	0	18	0	0	0	1	2	1	1	84	0	0	0	2	0	0	0	109	
Iverson Road	0	0	0	0	1	0	10	0	0	2	0	0	0	0	33	5	5	0	0	0	0	0	56	
Kenilworth Road	0	0	0	0	0	0	4	0	0	0	0	0	0	0	9	7	0	0	1	0	0	0	21	
Kilburn High Road	0	0	23	0	1	0	79	0	0	4	0	7	13	0	0	0	66	24	3	1	58	0	279	
Kingsgate Place	0	0	0	0	1	0	21	0	5	2	2	2	0	0	16	0	0	0	2	0	0	0	49	
Kingsgate Road	0	0	0	0	0	0	10	0	6	2	1	2	0	0	22	12	7	0	0	0	0	0	62	
Messina Avenue	0	0	0	0	1	0	18	0	10	0	1	6	0	0	62	9	10	0	3	0	0	0	120	
Netherwood Street	2	0	0	2	1	0	12	1	2	3	0	9	0	0	68	5	0	0	2	0	0	0	107	
Palmerston Road	0	0	0	0	0	0	4	0	0	1	0	6	0	0	4	0	0	0	1	0	0	0	16	
Plympton Road	0	1	0	0	0	0	4	0	0	0	0	0	0	0	54	0	0	0	1	0	0	0	60	
Priory Park Road	0	0	0	0	0	0	3	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	8	
St Julian's Road	0	0	0	0	3	0	11	0	0	0	0	9	0	0	51	0	0	0	0	0	0	0	74	
Streatley Road	0	0	0	0	1	0	14	0	0	0	0	0	1	0	63	31	0	0	8	0	0	0	118	
The Terrace	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	
Willisden Lane	0	0	9	0	1	0	25	0	0	5	1	25	3	4	0	0	14	0	2	0	0	0	100	
Grand Total	2	3	32	2	21	1	357	1	23	31	8	114	22	782	90	113	24	70	1	69	1	1766		

SURVEY DATE: Tuesday 25 March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	LENGTH																Grand Total					
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES	SU	SY		SY/BL	SY/DK	SY/PED	ZZ	
Aldershot Road															2							4
Buckley Road		1			1						1	1		9	1			1				15
Burton Road												1		7								8
Callcott Road														9	1							10
Cavendish Road												1		7		1		1				10
Cotleigh Road														2								2
Dunster Gardens												2		4								6
Dyne Road					1						1	5		3				2				13
Garangeway					1					1	1				1							4
Gascony Avenue											1	1		14								17
Iverson Road					1					1				3	1	1						8
Kenilworth Road														2	2							4
Kilburn High Road																9	2					12
Kingsgate Place					1						1	1		4				1				8
Kingsgate Road											1	1		2	4							8
Messina Avenue					1						1	1		7	1							11
Netherwood Street												2		5	1							10
Palmerston Road										1		1		1								3
Plympton Road		1												5								6
Priority Park Road										1		1										3
St Julian's Road												3		3								6
Streatley Road					1									6	7							14
The Terrace																						0
Willisden Lane												3		1								8
Grand Total	0	2	0	1	7	0	0	0	0	9	7	24	0	96	21	11	2	5	0	0	190	

SURVEY DATE: Tuesday 25 March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	BAYS														Grand Total						
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES		SU	SY	SY/BL	SY/DK	SY/PED	ZZ
Aldershot Road															40.0%						14.3%
Buckley Road	100.0%				25.0%						100.0%	25.0%			33.3%			10.0%			17.0%
Burton Road												33.3%									12.5%
Calcott Road															25.0%						8.8%
Cavendish Road												33.3%				50.0%		9.1%			17.5%
Cotleigh Road																					5.1%
Dunster Gardens												25.0%									8.8%
Dyne Road					33.3%		6.3%				100.0%	26.3%					28.6%				21.0%
Garangeway					50.0%						100.0%	50.0%			11.1%						9.5%
Gascony Avenue							5.6%				100.0%	50.0%									15.6%
Iverson Road					100.0%		10.0%								20.0%						14.3%
Kenilworth Road															28.6%						19.0%
Kilburn High Road										25.0%						13.6%	8.3%				4.3%
Kingsgate Place					100.0%					50.0%		50.0%						50.0%			16.3%
Kingsgate Road										50.0%		50.0%			33.3%						12.9%
Messina Avenue					100.0%						100.0%	16.7%			11.1%						9.2%
Netherwood Street				50.0%								22.2%		7.4%	20.0%						9.3%
Palmerston Road										100.0%		16.7%		25.0%							18.8%
Plympton Road														9.3%							10.0%
Priory Park Road	100.0%						33.3%					50.0%									37.5%
St Julian's Road					100.0%							33.3%		5.9%							8.1%
Streatley Road														9.5%	22.6%						11.9%
The Terrace																					0.0%
Willesden Lane							4.0%			40.0%	100.0%	12.0%		25.0%							8.0%
Grand Total	0.0%	66.7%	0.0%	50.0%	33.3%	0.0%	1.4%	0.0%	0.0%	29.0%	87.5%	21.1%	0.0%	12.3%	23.3%	9.7%	8.3%	7.1%	0.0%	0.0%	10.8%

SURVEY DATE: Wednesday 26 March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	LENGTH																Grand Total					
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES	SU	SY		SY/BL	SY/DK	SY/PED	ZZ	
Aldershot Road														2	2							4
Buckley Road		1			1					1	1	2		9	1			1				17
Burton Road												1		8								9
Callcott Road														9	1							10
Cavendish Road										1		1		8				1				11
Cotleigh Road														2								2
Dunster Gardens												2		4								6
Dyne Road					1					1	1	5		3				2				12
Garangeway					1					1	1	1			1							5
Gascony Avenue											1	1		10				1				13
Iverson Road					1									3	1	1						6
Kenilworth Road														2	2							4
Kilburn High Road																7	2					11
Kingsgate Place					1					1		1		4				1				8
Kingsgate Road											1	1		3	4							9
Messina Avenue					1						1	1		7	1			1				12
Netherwood Street												2		5	1							10
Palmerston Road										1		1		2								4
Plympton Road		1												5								6
Priority Park Road										1		1										2
St Julian's Road												3		3								6
Streatley Road					1									6	7			1				15
The Terrace																						0
Willisden Lane										2	1	3		1		1						8
Grand Total	0	2	0	1	7	0	0	0	0	10	7	27	0	96	21	9	2	8	0	0	0	190

SURVEY DATE: Wednesday 26 March 2014

Values are number of Bays
1 bay is approximately 5.0 m

STREET NAME	BAYS																Grand Total					
	AO	BP	BS	CC	DIS	DOC	DY	ELEC	KC	LB	MCY	P&D	PED	RES	SU	SY		SY/BL	SY/DK	SY/PED	ZZ	
Aldershot Road														12.5%	40.0%							14.3%
Buckley Road	100.0%				25.0%				50.0%	100.0%		50.0%		20.0%	33.3%			10.0%				19.3%
Burton Road												33.3%		20.0%								14.1%
Callicott Road														10.0%	25.0%							8.8%
Cavendish Road									50.0%			33.3%		29.6%				9.1%				19.3%
Cotleigh Road														5.7%								5.1%
Dunster Gardens												25.0%		8.5%								8.8%
Dyne Road					33.3%						100.0%	26.3%		25.0%				28.6%				19.4%
Garangeway					50.0%				100.0%			14.3%			11.1%							11.9%
Gascony Avenue										100.0%		50.0%		11.9%				50.0%				11.9%
Iverson Road					100.0%									9.1%	20.0%	20.0%						10.7%
Kenilworth Road														22.2%	28.6%							19.0%
Kilburn High Road									25.0%			14.3%				10.6%	8.3%					3.9%
Kingsgate Place					100.0%				50.0%			50.0%		25.0%				50.0%				16.3%
Kingsgate Road										100.0%		50.0%		13.6%	33.3%							14.5%
Messina Avenue											100.0%	16.7%		11.3%	11.1%			33.3%				10.0%
Netherwood Street				50.0%								22.2%		7.4%	20.0%							9.3%
Palmerston Road									100.0%			16.7%		50.0%								25.0%
Plympton Road	100.0%													9.3%								10.0%
Priory Park Road									33.3%			50.0%		5.9%								25.0%
St Julian's Road												33.3%		9.5%	22.6%			12.5%				12.7%
Streaitley Road					100.0%																	0.0%
The Terrace																						0.0%
Willisden Lane									40.0%	100.0%		12.0%		25.0%		7.1%						8.0%
Grand Total	0.0%	66.7%	0.0%	50.0%	33.3%	0.0%	0.0%	0.0%	32.3%	87.5%	23.7%	0.0%	0.0%	12.3%	23.3%	8.0%	8.3%	11.4%	0.0%	0.0%	0.0%	10.8%



Client: Price & Myres
Project: L0684GA Kilburn High Road
Survey Date: Tuesday 25 & Wednesday 26 March 2014
Survey Period: 07:00-19:00

Incidents / Observations:

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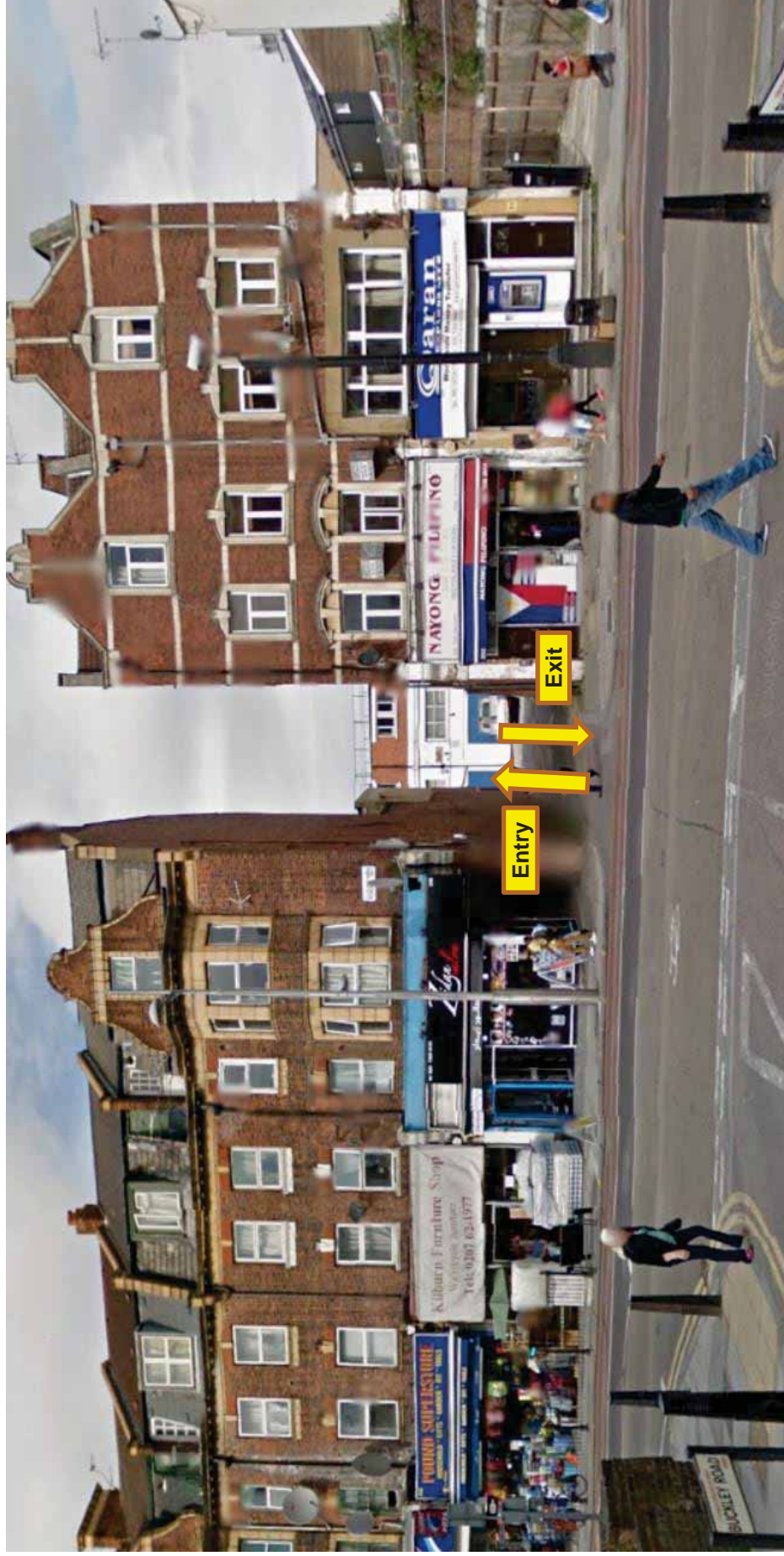
Sky High

Count On Us

Client : Price & Myres

Project : L0684GA Kilburn High Road

Date : Tuesday 25 & Wednesday 26 March 2014



Entry										Exit										
Car / taxi	Lgv	OGV1	Ogv2	PSV	MC	PC	Ped	Total		Car / taxi	Lgv	OGV1	Ogv2	PSV	MC	PC	Ped	Total		
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	1	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
1 Hr	2	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	1	1	0	0
08:00	1	0	1	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
08:15	1	0	0	0	0	0	0	3	4	0	0	1	0	0	0	0	0	0	1	1
08:30	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	1
1 Hr	2	0	1	0	0	0	0	11	14	0	0	1	0	0	0	0	0	1	2	2
09:00	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	2	2
09:15	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1
09:30	0	1	0	0	0	0	0	2	3	0	1	0	0	0	0	0	0	1	2	2
09:45	1	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1
1 Hr	2	3	0	0	0	0	0	2	7	0	3	1	0	0	0	0	0	2	6	6
10:00	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	3	3
10:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1
10:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
1 Hr	1	1	0	0	0	0	0	1	3	2	1	0	0	0	0	0	0	2	5	5
11:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
11:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1
11:30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
1 Hr	0	1	0	0	0	0	0	2	3	0	1	0	0	0	0	0	0	2	3	3
12:00	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1
12:15	2	1	0	0	0	0	0	3	6	1	0	0	0	0	0	0	0	4	5	5
12:30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	3	3	3
12:45	1	0	0	0	0	0	0	4	5	1	1	0	0	0	0	0	0	3	5	5
1 Hr	3	2	0	0	0	0	0	8	13	2	2	0	0	0	0	0	0	10	14	14
13:00	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	3	3	3
13:15	3	0	0	0	0	0	0	3	6	2	0	0	0	0	0	0	0	2	4	4
13:30	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	2
13:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
1 Hr	3	0	0	0	0	0	0	7	10	4	0	1	0	0	0	0	0	6	11	11
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	1
14:30	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	2	3	3
14:45	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	1	1
1 Hr	0	0	1	0	0	0	0	4	5	1	0	0	0	0	0	0	0	4	5	5
15:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
15:15	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	1	1
15:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
1 Hr	3	1	0	0	0	0	0	1	5	1	2	1	0	0	0	0	0	1	5	5
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	3	3
16:45	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
1 Hr	1	1	1	0	0	0	0	0	3	3	1	0	0	0	0	0	0	0	4	4
17:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	5
17:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	6	7	7
17:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	4	4
1 Hr	0	1	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	13	16	16
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	17	10	3	0	0	0	0	40	70	16	10	4	0	0	0	0	0	42	72	72

Entry									
Car / taxi	Lgv	OGV1	OGV2	PSV	MC	PC	Ped	Total	
07:00	0	0	0	0	0	0	0	0	
07:15	0	0	0	0	0	0	1	1	
07:30	1	0	0	0	0	0	0	1	
07:45	2	0	0	0	0	0	0	2	
1 Hr	3	0	0	0	0	0	1	4	
08:00	0	0	0	0	0	0	1	1	
08:15	0	0	0	0	0	0	5	5	
08:30	0	0	0	0	0	0	4	4	
08:45	0	0	0	0	0	0	0	0	
1 Hr	0	0	0	0	0	0	10	10	
09:00	0	0	0	0	0	0	1	1	
09:15	0	1	0	0	0	0	1	2	
09:30	0	0	0	0	0	0	1	1	
09:45	0	0	0	0	0	0	0	0	
1 Hr	0	1	0	0	0	0	3	4	
10:00	0	0	0	0	0	0	3	3	
10:15	0	0	1	0	0	0	0	1	
10:30	0	0	0	0	0	0	0	0	
10:45	0	1	0	0	0	0	0	1	
1 Hr	0	1	1	0	0	0	3	5	
11:00	0	0	0	0	0	0	0	0	
11:15	1	2	0	0	0	0	2	5	
11:30	1	0	0	0	0	0	0	1	
11:45	0	1	0	0	0	0	2	3	
1 Hr	2	3	0	0	0	0	4	9	
12:00	0	0	0	0	1	0	0	1	
12:15	0	0	0	0	0	0	1	1	
12:30	0	1	0	0	0	0	2	3	
12:45	2	1	0	0	0	0	2	5	
1 Hr	2	2	0	0	1	0	5	10	
13:00	0	1	0	0	0	0	2	3	
13:15	0	1	0	0	0	0	1	2	
13:30	1	0	1	0	0	0	0	2	
13:45	0	0	0	0	0	0	4	4	
1 Hr	1	2	1	0	0	0	7	11	
14:00	0	0	0	0	0	0	0	0	
14:15	0	0	0	0	0	0	0	0	
14:30	0	0	0	0	0	0	0	0	
14:45	0	0	0	0	0	0	1	1	
1 Hr	0	0	0	0	0	0	1	1	
15:00	0	0	0	0	0	0	0	0	
15:15	0	0	0	0	0	0	1	1	
15:30	0	0	0	0	0	0	0	0	
15:45	0	0	0	0	0	0	0	0	
1 Hr	0	0	0	0	0	0	1	1	
16:00	0	0	0	0	0	0	0	0	
16:15	0	0	0	0	0	0	2	2	
16:30	2	0	0	0	0	0	0	2	
16:45	1	0	0	0	0	0	2	3	
1 Hr	3	0	0	0	0	0	4	7	
17:00	0	0	0	0	0	0	0	0	
17:15	0	0	1	0	0	0	0	1	
17:30	0	1	0	0	0	0	2	3	
17:45	0	0	0	0	0	0	0	0	
1 Hr	0	1	1	0	0	0	2	4	
18:00	0	0	0	0	0	0	0	0	
18:15	0	0	0	0	0	0	0	0	
18:30	0	0	0	0	0	0	0	0	
18:45	0	0	0	0	0	0	0	0	
1 Hr	0	0	0	0	0	0	0	0	
Total	11	10	3	0	0	1	0	41	66

Exit									
Car / taxi	Lgv	OGV1	OGV2	PSV	MC	PC	Ped	Total	
07:00	0	0	0	0	0	0	0	0	
07:15	0	0	0	0	0	0	0	0	
07:30	0	0	0	0	0	0	0	0	
07:45	0	0	0	0	0	0	0	0	
1 Hr	0	0	0	0	0	0	0	0	
08:00	0	0	0	0	0	0	0	0	
08:15	0	0	0	0	0	0	0	0	
08:30	0	0	0	0	0	0	0	0	
08:45	0	1	0	0	0	0	0	1	
1 Hr	0	1	0	0	0	0	0	1	
09:00	0	0	0	0	0	0	1	1	
09:15	0	0	1	0	0	0	0	1	2
09:30	0	0	0	0	0	0	0	1	1
09:45	0	0	0	0	0	0	0	0	0
1 Hr	0	0	1	0	0	0	0	3	4
10:00	0	0	0	0	0	0	0	3	3
10:15	0	1	0	0	0	0	0	0	1
10:30	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0
1 Hr	0	1	0	0	0	0	0	3	4
11:00	0	0	0	0	0	0	0	0	0
11:15	1	1	0	0	0	0	0	2	4
11:30	0	2	0	0	0	0	0	4	6
11:45	0	0	0	0	0	0	0	1	1
1 Hr	1	3	0	0	0	0	0	7	11
12:00	1	1	0	0	0	0	0	1	3
12:15	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	5	5
12:45	1	2	0	0	0	1	0	1	5
1 Hr	2	3	0	0	0	1	0	7	13
13:00	0	0	0	0	0	0	2	2	2
13:15	0	1	1	0	0	0	0	0	2
13:30	0	0	0	0	0	0	0	1	1
13:45	0	0	1	0	0	0	0	4	5
1 Hr	0	1	2	0	0	0	0	7	10
14:00	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	1	1
1 Hr	0	0	0	0	0	0	0	1	1
15:00	0	0	0	0	0	0	0	0	0
15:15	1	0	0	0	0	0	0	0	1
15:30	1	0	0	0	0	0	0	2	3
15:45	0	0	0	0	0	0	0	0	0
1 Hr	2	0	0	0	0	0	0	2	4
16:00	0	1	0	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0
16:45	2	0	0	0	0	0	0	1	3
1 Hr	2	1	0	0	0	0	0	1	4
17:00	0	0	0	0	0	0	0	1	1
17:15	0	0	0	0	0	0	0	1	1
17:30	2	0	0	0	0	0	0	3	5
17:45	2	0	0	0	0	0	0	4	6
1 Hr	4	0	0	0	0	0	0	9	13
18:00	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0
1 Hr	0	0	0	0	0	0	0	0	0
Total	11	10	3	0	0	1	0	40	65