Appendix A

SITE BOUNDARY





General notes

All setting out must be checked on site
All levels must be checked on site and refer to
Ordnance Datum Newlyn unless alternative Datum given
All fixings and weatherings must be checked on site
All dimensions must be checked on site This drawing must not be scaled This drawing must be read in conjunction with all other relevant drawings, specification clauses and current design risk register
This drawing must not be used for land transfer purposes
Calculated areas in accordance with Assael Architecture's
Definition of Areas for Schedule of Areas This drawing must not be used on site unless issued for construction
Subject to survey, consultation and approval from all statutory
Authorities

Revision Status: P=Preliminary C=Contract

© 2019 Assael Architecture Limited

Assael Architecture Limited has prepared this document in accordance with the instructions of the Client under the agreed Terms of Appointment. This document is for the sole and specific use of the Client and Assael Architecture shall not be responsible for any use of its contents for any purpose other than that for which it was prepared and provided. Should the Client require to pass electronic copies of the document to other parties, this should be for co-ordination purposes only, the whole of the file should be so copied, but no professional liability or warranty shall be extended to other parties by Assael Architecture in this connection without the explicit written agreement thereto by Assael Architecture Limited. Drawing notes

Electronic file reference

Date DRN CHK CDM Status R: Revision

20 Planning submission 15/02/19 CS ES

Purpose of information

The purpose of the information on this Planning drawing is for: Comment

Construction

All information on this drawing is not Client approval for construction unless it is marked for construction.



London Square

Project title

Greggs Bakery Site Twickenham

Drawing title

Site Location Plan

Scale @ A1 size 1:1250 Oct '16

Drawing N°

A2871 001

Status & Revision

R20

Assael

Assael Architecture Limited 123 Upper Richmond Road London SW15 2TL

) +44 (0)20 7736 7744

www.assael.co.uk

Appendix B

PROPOSED SITE PLANS





General notes

All setting out must be checked on site
All levels must be checked on site and refer to
Ordnance Datum Newlyn unless alternative Datum given
All fixings and weatherings must be checked on site
All dimensions must be checked on site

This drawing must not be scaled This drawing must be read in conjunction with all other relevant drawings, specification clauses and current design risk register
This drawing must not be used for land transfer purposes
Calculated areas in accordance with Assael Architecture's
Definition of Areas for Schedule of Areas

This drawing must not be used on site unless issued for construction
Subject to survey, consultation and approval from all statutory
Authorities

Revision Status: P=Preliminary C=Contract

© 2019 Assael Architecture Limited

Assael Architecture Limited has prepared this document in accordance with the instructions of the Client under the agreed Terms of Appointment. This document is for the sole and specific use of the Client and Assael Architecture shall not be responsible for any use of its contents for any purpose other than that for which it was prepared and provided. Should the Client require to page electronic copies of the document to other parties this pass electronic copies of the document to other parties, this should be for co-ordination purposes only, the whole of the file should be so copied, but no professional liability or warranty shall be extended to other parties by Assael Architecture in this connection without the explicit written agreement thereto by Assael Architecture Limited. Drawing notes

Electronic file reference

Date DRN CHK CDM Status R: Revision

20 Planning Submission 15/2/19 RM ES

Purpose of information

drawing is for:

The purpose of the information on this Planning Comment

Construction

All information on this drawing is not Client approval for construction unless it is marked for construction.



London Square

Project title

Greggs Bakery Site Twickenham

Drawing title

Proposed **Ground Floor Plan**

Feb '19

1:500

Scale @ A1 size

Drawing N°

A2871 200

Status & Revision

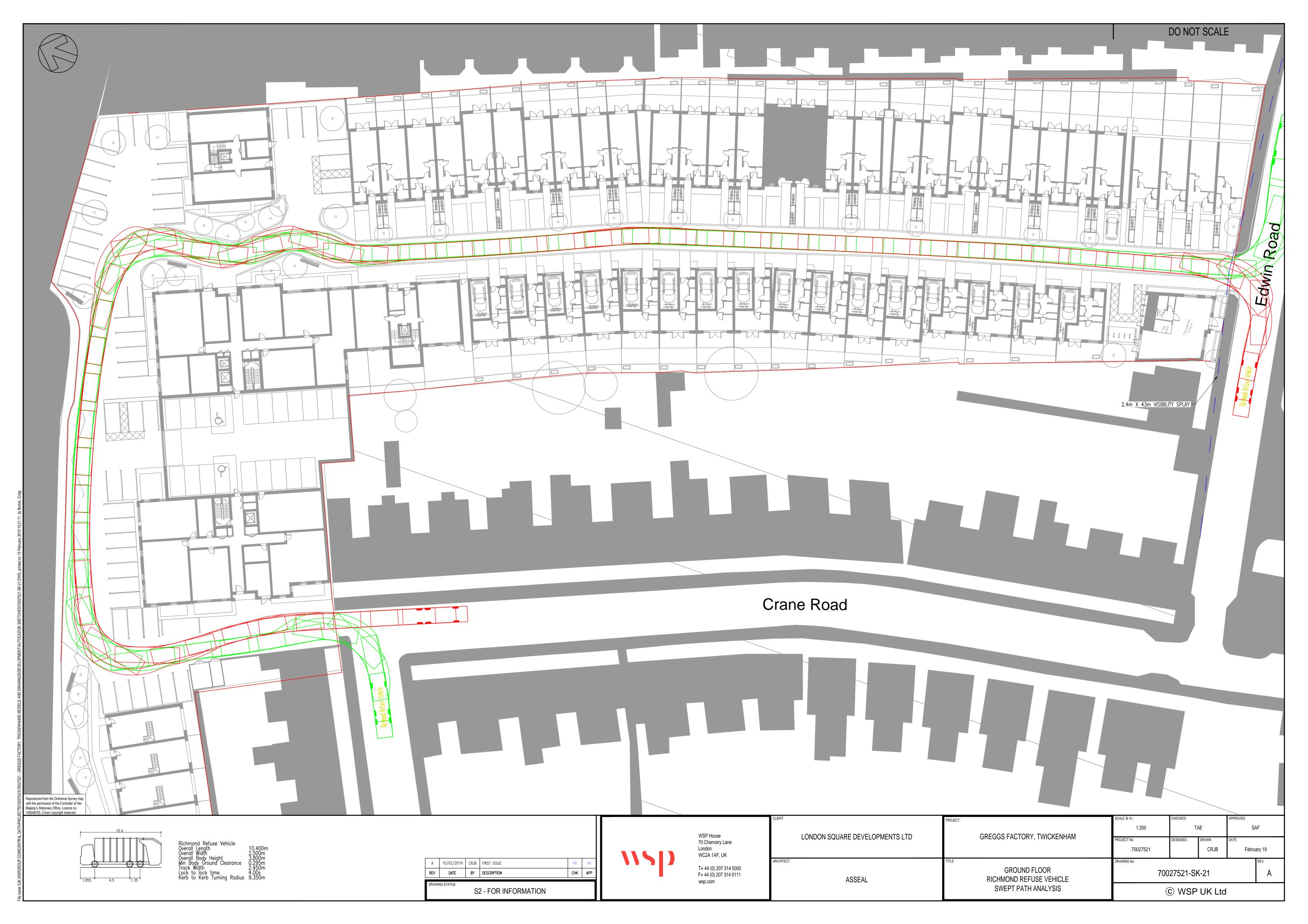
R20

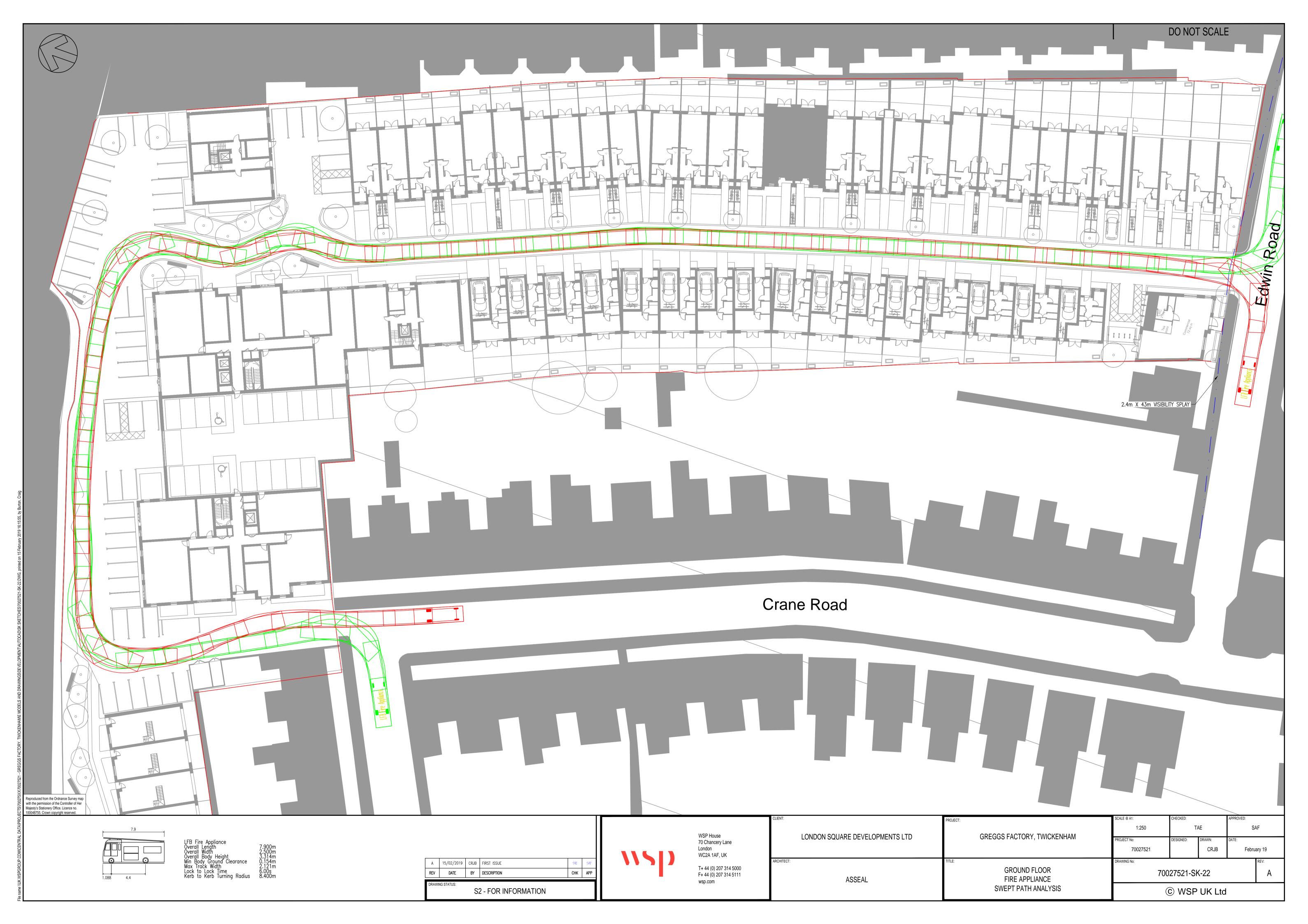
Assael

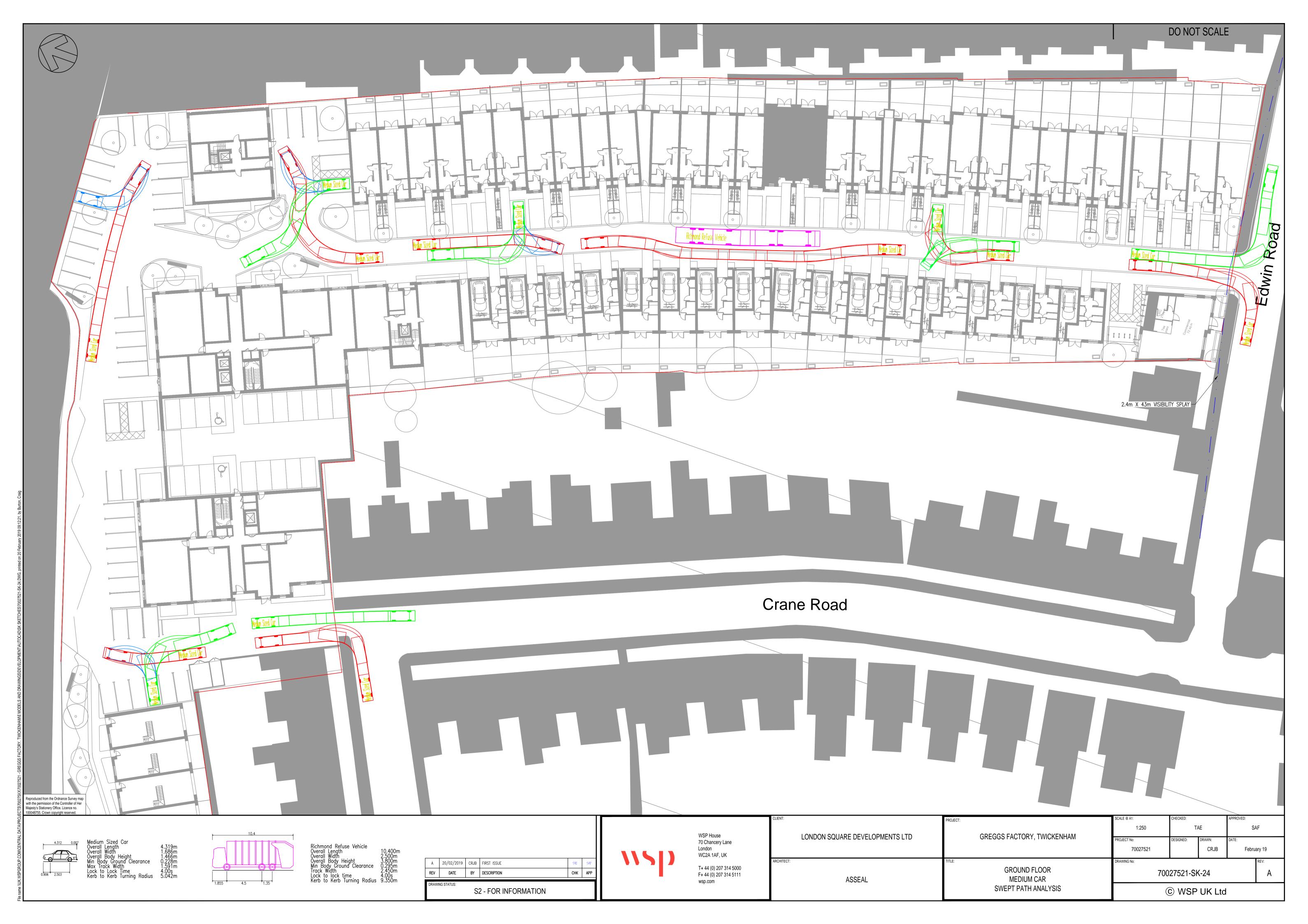
Assael Architecture Limited 123 Upper Richmond Road London SW15 2TL

) +44 (0)20 7736 7744

www.assael.co.uk







Appendix C

PIA DATA ANALYSIS



Date: 05 FEB 2019 10:49 Stick D

Stick Diagram

Page: 1 of 1 (summary)



Twickenham GIS Area Collisions - 3 years to 31-May -2018 (provisional)

Summary of Accidents Selected

Site Reference and Description (zero accident counts shown in bold) Date Period	Accidents
MD01 GIS AREA B24_Twickenham1 (P) 36 MTS TO MAY-2	2018 15

The description of how the accident occurred and the contributory factors are the reporting officer's opinion at the time of reporting and may not be the result of extensive investigation

Date: 05 FEB 2019 10:49

Stick Diagram

Page: 1 of 2



Twickenham GIS Area Collisions - 3 years to 31-May -2018 (provisional)

MD01 GIS AREA B24_	Twickenham1 (P)							36 MT	S TO MAY-2018 S	ORTED BY DAT
	1	2	3	4	5	6	7	8	9	10
Accident Reference	0115TW60256	0115TW60297	0115TW60306	0115TW60423	0116TW60082	01160013487	01160004288	01160007675	01170014731	01170030729
Day	FRIDAY	FRIDAY	SATURDAY	MONDAY	WEDNESDAY	MONDAY	WEDNESDAY	MONDAY	SATURDAY	THURSDAY
Date	31/07/2015	21/08/2015	29/08/2015	14/12/2015	23/03/2016	26/09/2016	30/11/2016	19/12/2016	28/01/2017	06/04/2017
Time	21:40	13:06	13:30	13:21	07:30	14:57	21:15	09:30	01:25	15:20
Light Conditions	DARK	LIGHT	LIGHT	LIGHT	LIGHT	LIGHT	DARK	LIGHT	DARK	LIGHT
Road Surface	DRY	DRY	DRY	DRY	DRY	DRY	FROST/ICE	DRY	WET	DRY
Severity	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT	SLIGHT
Conflict										
Pedestrian Location										0
Contributory	403 V002 A	403 V002 A	403 V001 A	405 V002 A	701 V001 B	402 V001 A	103 V001 A	405 V001 A	103 V002 B	404 V001 B
Factors	405 V002 A	406 V002 B	403 V002 B	401 V002 B		403 V001 A		406 V001 A		405 V001 B
(* denotes pre 2005)										
Easting/Northing	515610 173120	515470 173060	515290 173010	515610 173120	515620 173120	515570 173110	515570 173100	515610 173120	515410 173040	515380 173020
5		07.0/	1				Site Diagram		•	

Pedestrian	4	27 %
Wet	3	20 %
Dark	7	47 %

Severity / Months To	12 05/2016	12 05/2017	12 05/2018	Total	Pct
Fatal	0	0	0	0	0.0 %
Serious	0	0	2	2	13.3 %
Slight	5	5	3	13	86.7 %
Total	5	5	5	15	
Pct	33.3 %	33.3 %	33.3 %		



Date: 05 FEB 2019 10:49

Stick Diagram

Page: 2 of 2



Twickenham GIS Area Collisions - 3 years to 31-May -2018 (provisional)

MD01 GIS AREA B24_	Twickenham1 (P)				
	11	12	13	14	15
Accident Reference	01170048786	01170076164	01170077392	01170082607	01170079647
Day	MONDAY	THURSDAY	TUESDAY	WEDNESDAY	THURSDAY
Date	17/07/2017	07/12/2017	12/12/2017	13/12/2017	21/12/2017
Time	09:27	17:36	23:55	09:30	22:59
Light Conditions	LIGHT	DARK	DARK	DARK	DARK
Road Surface	DRY	DRY	WET	DRY	WET
Severity	SLIGHT	SLIGHT	SERIOUS	SLIGHT	SERIOUS
Conflict					
Pedestrian Location	50M	0	X		
Contributory					501 V001 A
Factors	802 C001 A	801 C001 A 802 C001 B	802 C001 A		501 V001 A 103 V001 B
(* denotes pre 2005)		808 C001 B			
		405 V001 B			
		701 V001 A			
Easting/Northing	515420 173040	515050 172980	515110 172990	515600 173110	515470 173060

Appendix D

TRICS INDUSTRIAL ESTATE TRIP-GENERATION OUTPUT



TRICS 7.5.4 030219 B18.58 Database right of TRICS Consortium Limited, 2019. All rights reserved

Greggs Factory, B2 Trip-Generation WSP Development & Transportation

STREET NAME TOV

TOWN/CITY

Calculation Reference: AUDIT-100309-190211-0228

Monday 11/02/19

Licence No: 100309

Page 1

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT
MULTI - MODAL VEHICLES

Selected regions and areas:
01 GREATER LONDON

BT BRENT 1 days

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

Secondary Filtering selection:

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

Parameter: Gross floor area

Actual Range: 6100 to 6100 (units: sqm) Range Selected by User: 620 to 11375 (units: sqm)

Parking Spaces Range: Selected: 16 to 441 Actual: 16 to 441

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 10/09/14

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

Selected survey days:

Wednesday 1 days

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

Selected survey types:

Manual count 1 days
Directional ATC Count 0 days

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

1

Selected Locations:

Suburban Area (PPS6 Out of Centre)

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

Selected Location Sub Categories:

Industrial Zone 1

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

Secondary Filtering selection:

Use Class:

B2 1 days

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

Population within 1 mile:

50,001 to 100,000 1 days

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

TRICS 7.5.4 030219 B18.58 Database right of TRICS Consortium Limited, 2019. All rights reserved Monday 11/02/19 Greggs Factory, B2 Trip-Generation Page 2

1 days

Licence No: 100309

WSP Development & Transportation STREET NAME TOWN/CITY

Secondary Filtering selection (Cont.):

Population within 5 miles:

500,001 or More

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

Car ownership within 5 miles:

0.6 to 1.0 1 days

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

Travel Plan:

No 1 days

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

PTAL Rating:

No PTAL Present 1 days

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

TRICS 7.5.4 030219 B18.58 Database right of TRICS Consortium Limited, 2019. All rights reserved Monday 11/02/19 Greggs Factory, B2 Trip-Generation Page 3

Licence No: 100309

WSP Development & Transportation STREET NAME TOWN/CITY

LIST OF SITES relevant to selection parameters

1 BT-02-C-02 FOOD PRODUCTION BRENT

ABBEYDALE ROAD ALPERTON

Suburban Area (PPS6 Out of Centre) Industrial Zone

Total Gross floor area: 6100 sqm

Survey date: WEDNESDAY 10/09/14 Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

WSP Development & Transportation STREET NAME TOWN/CITY

Licence No: 100309

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL VEHICLES

Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.443	1	6100	0.164	1	6100	0.607
07:00 - 08:00	1	6100	0.197	1	6100	0.148	1	6100	0.345
08:00 - 09:00	1	6100	0.115	1	6100	0.098	1	6100	0.213
09:00 - 10:00	1	6100	0.131	1	6100	0.082	1	6100	0.213
10:00 - 11:00	1	6100	0.164	1	6100	0.213	1	6100	0.377
11:00 - 12:00	1	6100	0.115	1	6100	0.115	1	6100	0.230
12:00 - 13:00	1	6100	0.033	1	6100	0.066	1	6100	0.099
13:00 - 14:00	1	6100	0.115	1	6100	0.098	1	6100	0.213
14:00 - 15:00	1	6100	0.098	1	6100	0.131	1	6100	0.229
15:00 - 16:00	1	6100	0.115	1	6100	0.066	1	6100	0.181
16:00 - 17:00	1	6100	0.295	1	6100	0.115	1	6100	0.410
17:00 - 18:00	1	6100	0.148	1	6100	0.393	1	6100	0.541
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.969			1.689			3.658

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

TRICS 7.5.4 030219 B18.58 Database right of TRICS Consortium Limited, 2019. All rights reserved Monday 11/02/19 Greggs Factory, B2 Trip-Generation Page 5

WSP Development & Transportation STREET NAME TOWN/CITY

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

Licence No: 100309

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

Parameter summary

Surveys automatically removed from selection: 0
Surveys manually removed from selection: 0

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

WSP Development & Transportation S

STREET NAME

TOWN/CITY

Licence No: 100309

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

		ARRIVALS			DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
07:00 - 08:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
08:00 - 09:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
10:00 - 11:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
11:00 - 12:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
12:00 - 13:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
13:00 - 14:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
15:00 - 16:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
16:00 - 17:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
17:00 - 18:00	1	6100	0.016	1	6100	0.016	1	6100	0.032
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.016			0.016			0.032

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

Page 13

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	,		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
07:00 - 08:00	1	6100	0.049	1	6100	0.033	1	6100	0.082
08:00 - 09:00	1	6100	0.016	1	6100	0.049	1	6100	0.065
09:00 - 10:00	1	6100	0.066	1	6100	0.033	1	6100	0.099
10:00 - 11:00	1	6100	0.066	1	6100	0.115	1	6100	0.181
11:00 - 12:00	1	6100	0.066	1	6100	0.066	1	6100	0.132
12:00 - 13:00	1	6100	0.016	1	6100	0.033	1	6100	0.049
13:00 - 14:00	1	6100	0.066	1	6100	0.033	1	6100	0.099
14:00 - 15:00	1	6100	0.066	1	6100	0.098	1	6100	0.164
15:00 - 16:00	1	6100	0.000	1	6100	0.016	1	6100	0.016
16:00 - 17:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
17:00 - 18:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.459			0.476			0.935

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

TOWN/CITY

Licence No: 100309

Page 17

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL CYCLISTS

STREET NAME

Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

WSP Development & Transportation

	ARRIVALS			[DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00							_		
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.098	1	6100	0.000	1	6100	0.098
07:00 - 08:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
08:00 - 09:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
10:00 - 11:00	1	6100	0.000	1	6100	0.016	1	6100	0.016
11:00 - 12:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
12:00 - 13:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
13:00 - 14:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
15:00 - 16:00	1	6100	0.000	1	6100	0.016	1	6100	0.016
16:00 - 17:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
17:00 - 18:00	1	6100	0.016	1	6100	0.098	1	6100	0.114
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.130			0.130			0.260

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

WSP Development & Transportation

STREET NAME

TOWN/CITY

Licence No: 100309

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI - MODAL VEHICLE OCCUPANTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	,		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.623	1	6100	0.000	1	6100	0.623
07:00 - 08:00	1	6100	0.213	1	6100	0.197	1	6100	0.410
08:00 - 09:00	1	6100	0.115	1	6100	0.066	1	6100	0.181
09:00 - 10:00	1	6100	0.164	1	6100	0.098	1	6100	0.262
10:00 - 11:00	1	6100	0.197	1	6100	0.230	1	6100	0.427
11:00 - 12:00	1	6100	0.115	1	6100	0.131	1	6100	0.246
12:00 - 13:00	1	6100	0.033	1	6100	0.082	1	6100	0.115
13:00 - 14:00	1	6100	0.115	1	6100	0.131	1	6100	0.246
14:00 - 15:00	1	6100	0.115	1	6100	0.164	1	6100	0.279
15:00 - 16:00	1	6100	0.148	1	6100	0.066	1	6100	0.214
16:00 - 17:00	1	6100	0.393	1	6100	0.131	1	6100	0.524
17:00 - 18:00	1	6100	0.033	1	6100	0.574	1	6100	0.607
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.264			1.870			4.134

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

WSP Development & Transportation STREET NAME TOWN/CITY

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL PEDESTRIANS

BOLD print indicates peak (busiest) period

Calculation factor: 100 sqm

		ARRIVALS		[DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00				-			_		
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	1.459	1	6100	0.098	1	6100	1.557
07:00 - 08:00	1	6100	0.066	1	6100	0.049	1	6100	0.115
08:00 - 09:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
10:00 - 11:00	1	6100	0.082	1	6100	0.033	1	6100	0.115
11:00 - 12:00	1	6100	0.180	1	6100	0.098	1	6100	0.278
12:00 - 13:00	1	6100	0.049	1	6100	0.066	1	6100	0.115
13:00 - 14:00	1	6100	0.066	1	6100	0.049	1	6100	0.115
14:00 - 15:00	1	6100	0.033	1	6100	0.000	1	6100	0.033
15:00 - 16:00	1	6100	0.148	1	6100	0.049	1	6100	0.197
16:00 - 17:00	1	6100	1.361	1	6100	0.049	1	6100	1.410
17:00 - 18:00	1	6100	0.016	1	6100	1.951	1	6100	1.967
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.460			2.442			5.902

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

Page 29 Licence No: 100309

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	,		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.426	1	6100	0.000	1	6100	0.426
07:00 - 08:00	1	6100	0.033	1	6100	0.000	1	6100	0.033
08:00 - 09:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
10:00 - 11:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
11:00 - 12:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
12:00 - 13:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
13:00 - 14:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
15:00 - 16:00	1	6100	0.000	1	6100	0.049	1	6100	0.049
16:00 - 17:00	1	6100	0.098	1	6100	0.000	1	6100	0.098
17:00 - 18:00	1	6100	0.000	1	6100	0.574	1	6100	0.574
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.589			0.623			1.212

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

Page 33

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.066	1	6100	0.000	1	6100	0.066
07:00 - 08:00	1	6100	0.033	1	6100	0.016	1	6100	0.049
08:00 - 09:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
10:00 - 11:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
11:00 - 12:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
12:00 - 13:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
13:00 - 14:00	1	6100	0.000	1	6100	0.016	1	6100	0.016
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
15:00 - 16:00	1	6100	0.000	1	6100	0.000	1	6100	0.000
16:00 - 17:00	1	6100	0.016	1	6100	0.000	1	6100	0.016
17:00 - 18:00	1	6100	0.000	1	6100	0.115	1	6100	0.115
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.147			0.147			0.294

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

WSP Development & Transportation STREET NAME TOWN/CITY

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00 - 01:00				-			_			
01:00 - 02:00										
02:00 - 03:00										
03:00 - 04:00										
04:00 - 05:00										
05:00 - 06:00										
06:00 - 07:00	1	6100	0.492	1	6100	0.000	1	6100	0.492	
07:00 - 08:00	1	6100	0.066	1	6100	0.016	1	6100	0.082	
08:00 - 09:00	1	6100	0.016	1	6100	0.000	1	6100	0.016	
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
10:00 - 11:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
11:00 - 12:00	1	6100	0.016	1	6100	0.000	1	6100	0.016	
12:00 - 13:00	1	6100	0.033	1	6100	0.000	1	6100	0.033	
13:00 - 14:00	1	6100	0.000	1	6100	0.016	1	6100	0.016	
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
15:00 - 16:00	1	6100	0.000	1	6100	0.049	1	6100	0.049	
16:00 - 17:00	1	6100	0.115	1	6100	0.000	1	6100	0.115	
17:00 - 18:00	1	6100	0.000	1	6100	0.689	1	6100	0.689	
18:00 - 19:00										
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00				·					`	
23:00 - 24:00										
Total Rates:			0.738			0.770			1.508	

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

WSP Development & Transportation STREET NAME TOWN/CITY

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI - MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES	,	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	2.672	1	6100	0.098	1	6100	2.770
07:00 - 08:00	1	6100	0.344	1	6100	0.262	1	6100	0.606
08:00 - 09:00	1	6100	0.131	1	6100	0.066	1	6100	0.197
09:00 - 10:00	1	6100	0.164	1	6100	0.098	1	6100	0.262
10:00 - 11:00	1	6100	0.279	1	6100	0.279	1	6100	0.558
11:00 - 12:00	1	6100	0.311	1	6100	0.230	1	6100	0.541
12:00 - 13:00	1	6100	0.115	1	6100	0.148	1	6100	0.263
13:00 - 14:00	1	6100	0.180	1	6100	0.197	1	6100	0.377
14:00 - 15:00	1	6100	0.148	1	6100	0.164	1	6100	0.312
15:00 - 16:00	1	6100	0.295	1	6100	0.180	1	6100	0.475
16:00 - 17:00	1	6100	1.885	1	6100	0.180	1	6100	2.065
17:00 - 18:00	1	6100	0.066	1	6100	3.311	1	6100	3.377
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00				·			·		·
23:00 - 24:00									
Total Rates:			6.590			5.213			11.803

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

WSP Development & Transportation STREET NAME TOWN/CITY

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL CARS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	6100	0.426	1	6100	0.164	1	6100	0.590
07:00 - 08:00	1	6100	0.115	1	6100	0.082	1	6100	0.197
08:00 - 09:00	1	6100	0.082	1	6100	0.033	1	6100	0.115
09:00 - 10:00	1	6100	0.049	1	6100	0.049	1	6100	0.098
10:00 - 11:00	1	6100	0.049	1	6100	0.049	1	6100	0.098
11:00 - 12:00	1	6100	0.016	1	6100	0.016	1	6100	0.032
12:00 - 13:00	1	6100	0.000	1	6100	0.016	1	6100	0.016
13:00 - 14:00	1	6100	0.033	1	6100	0.049	1	6100	0.082
14:00 - 15:00	1	6100	0.016	1	6100	0.016	1	6100	0.032
15:00 - 16:00	1	6100	0.098	1	6100	0.049	1	6100	0.147
16:00 - 17:00	1	6100	0.279	1	6100	0.082	1	6100	0.361
17:00 - 18:00	1	6100	0.115	1	6100	0.361	1	6100	0.476
18:00 - 19:00									
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.278			0.966			2.244

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

WSP Development & Transportation STREET NAME TOWN/CITY

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI - MODAL LGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00 - 01:00				-						
01:00 - 02:00										
02:00 - 03:00										
03:00 - 04:00										
04:00 - 05:00										
05:00 - 06:00										
06:00 - 07:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
07:00 - 08:00	1	6100	0.033	1	6100	0.016	1	6100	0.049	
08:00 - 09:00	1	6100	0.016	1	6100	0.016	1	6100	0.032	
09:00 - 10:00	1	6100	0.016	1	6100	0.000	1	6100	0.016	
10:00 - 11:00	1	6100	0.049	1	6100	0.049	1	6100	0.098	
11:00 - 12:00	1	6100	0.033	1	6100	0.033	1	6100	0.066	
12:00 - 13:00	1	6100	0.016	1	6100	0.016	1	6100	0.032	
13:00 - 14:00	1	6100	0.016	1	6100	0.016	1	6100	0.032	
14:00 - 15:00	1	6100	0.016	1	6100	0.016	1	6100	0.032	
15:00 - 16:00	1	6100	0.016	1	6100	0.000	1	6100	0.016	
16:00 - 17:00	1	6100	0.000	1	6100	0.033	1	6100	0.033	
17:00 - 18:00	1	6100	0.000	1	6100	0.016	1	6100	0.016	
18:00 - 19:00										
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00				·			·		·	
23:00 - 24:00										
Total Rates:			0.211			0.211			0.422	

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

Page 53

Licence No: 100309

WSP Development & Transportation STREET NAME TOWN/CITY

> TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL MOTOR CYCLES

Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00 - 01:00				-			-			
01:00 - 02:00										
02:00 - 03:00										
03:00 - 04:00										
04:00 - 05:00										
05:00 - 06:00										
06:00 - 07:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
07:00 - 08:00	1	6100	0.000	1	6100	0.016	1	6100	0.016	
08:00 - 09:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
09:00 - 10:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
10:00 - 11:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
11:00 - 12:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
12:00 - 13:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
13:00 - 14:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
14:00 - 15:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
15:00 - 16:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
16:00 - 17:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
17:00 - 18:00	1	6100	0.000	1	6100	0.000	1	6100	0.000	
18:00 - 19:00										
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00				·			·		·	
23:00 - 24:00										
Total Rates:			0.000			0.016			0.016	

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