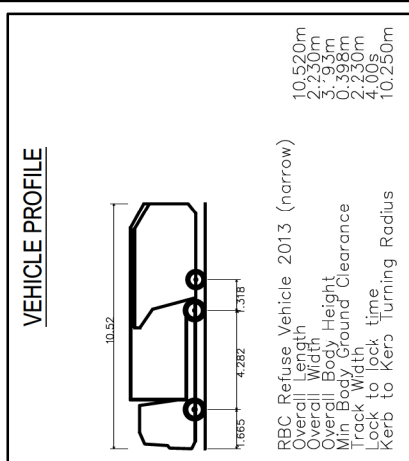
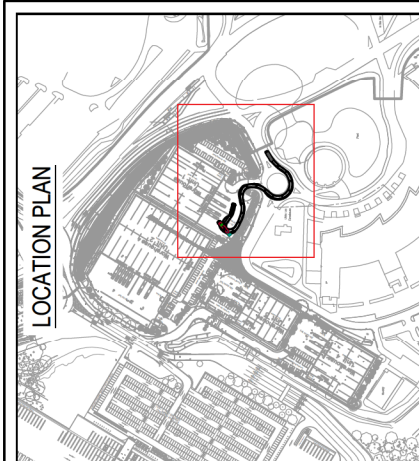




Mark	Revision	Date	Drawn	Chkd	Appd

SCALE NOTE: Do not scale from this drawing. If in doubt, ask.

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty is made for this. Other such plant or apparatus may also be present. It is the responsibility of the client to ensure that no interference occurs with the operation of any existing sewers, services, plant or apparatus may affect their operations.

FOR PLANNING

READING INTERNATIONAL BUSINESS PARK
WAREHOUSE UNIT 1
SWEEP PATH ANALYSIS
10.5m REFUSE VEHICLE

Client

Arlington

Design

Date of Visit	04/10/19	Designed	LA
AS Scale	1:500	Checked	SM
		Approved	

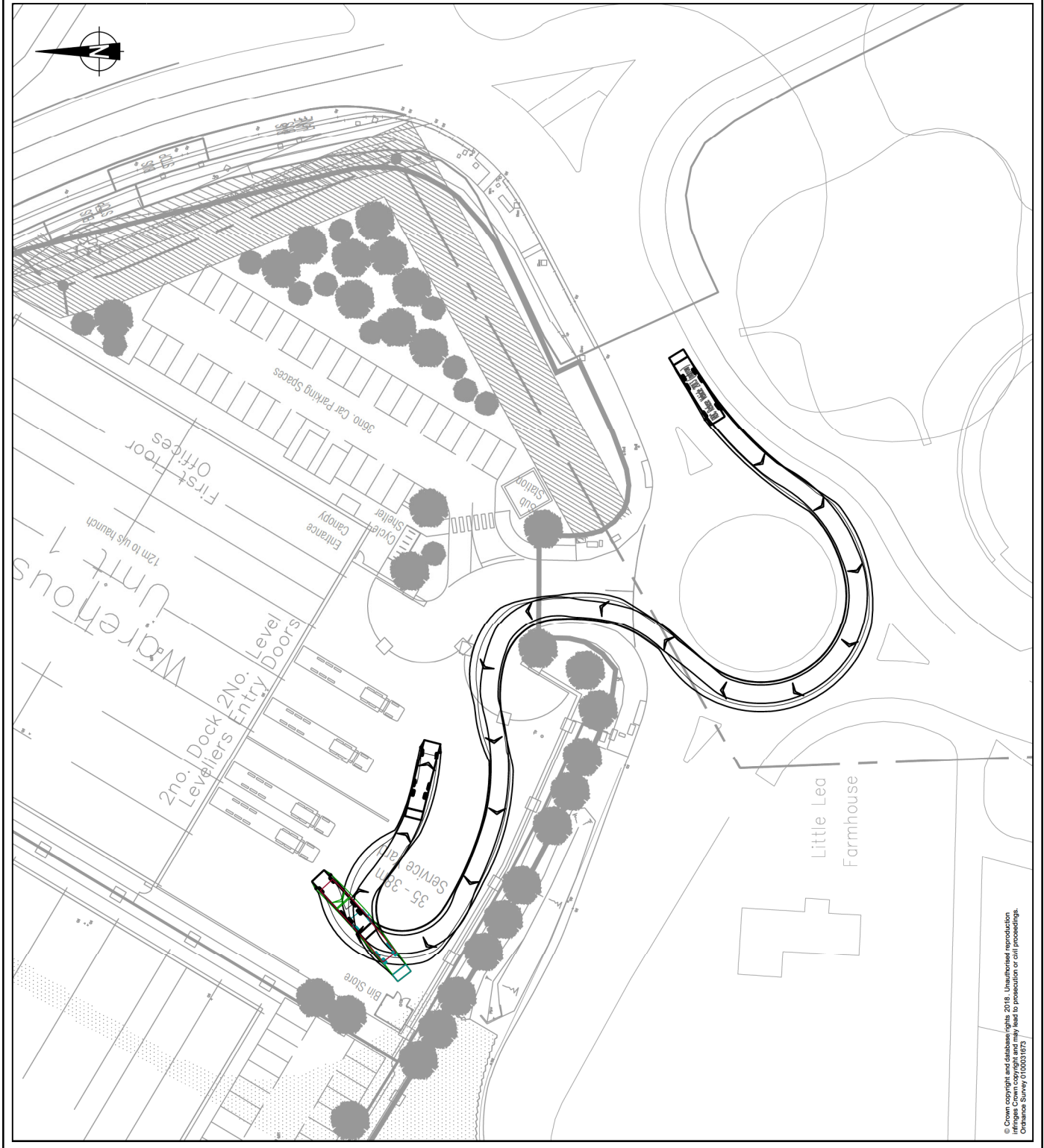
Drawing Number

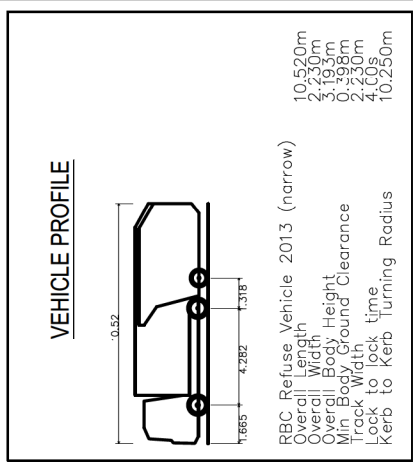
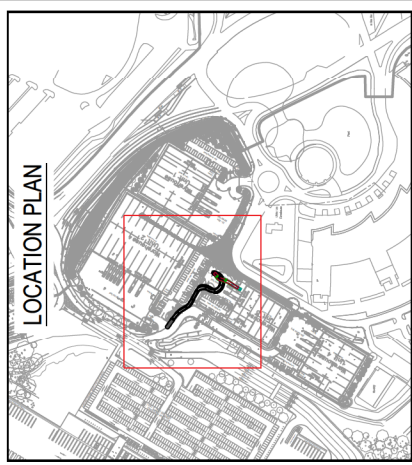
43337/5501/008

Revision

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now part of
Stantec





Mark	Revision	Date	Drawn	Chkd	App'd
STATUS: ☐ NOT FOR ISSUE ☐ ISSUED ☐ IN PROGRESS ☐ IN STOCK ☐ IN USE UTILITIES NOTE: Do not install this drawing if it does not meet the requirements of the applicable codes, utility services, plant or apparatus shown or this drawing is believed to be correct, but no warranty is made as to its accuracy or completeness. Other such plant or apparatus may also be present but not shown. This contract is hereby acknowledged by the undersigned to undertake their own investigation when the presence of such plant or apparatus is not shown.					

FOR PLANNING

READING INTERNATIONAL BUSINESS PARK
WHAREHOUSE UNIT 3
SWEEP PATH ANALYSIS
10.5m REFUSE VEHICLE

Client

Arlington

Date of 1st issue	Designed	Drawn
04/10/19	-	LA
A3 Scale	Checked	Approved
1:250	SM	-
Drawing Number		Revision
43337/5501/010		-



now part of



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Ordnance Survey 0100031673

VEHICLE PROFILE			
	Overall Length	10.520m	
	Overall Width	2.30m	
	Overall Body Height	3.193m	
	Min Body Ground Clearance	0.393m	
	Max Body Ground Clearance	0.598m	
	Lock to lock time	4.100s	
	Kerb to Kerb Turning Radius	10.250m	

[illegible]

SCALING NOTE: Do not scale from this drawing. If in doubt, ask UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

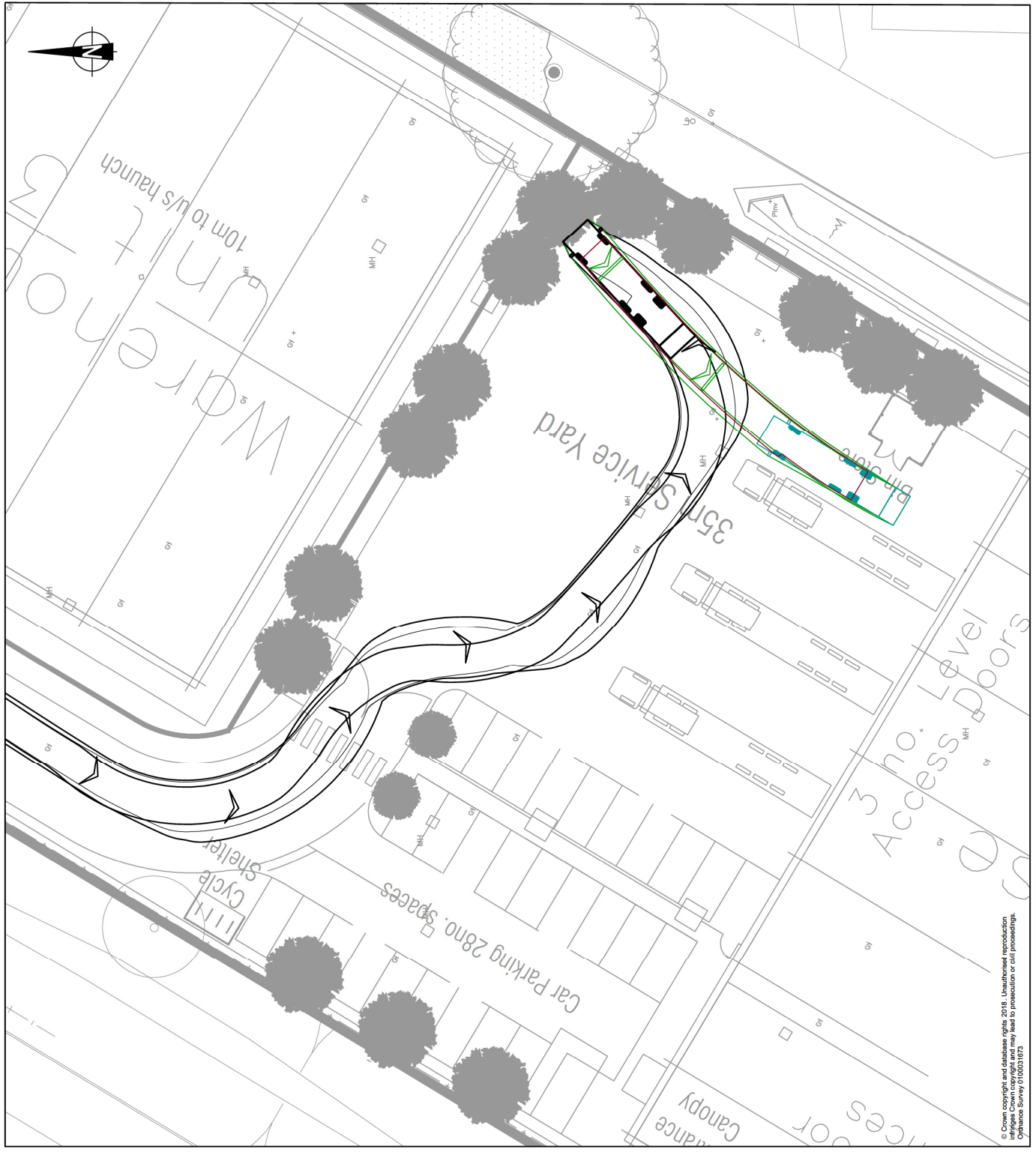
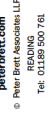
FOR PLANNING

WAREHOUSE UNIT 4

10.5m REFUSE VEHICLE

Arlington

Date of 1st Issue	04/10/19	Designed	LA	Drawn
A3 Scale	1:250	Checked	Approved	
Drawing Number		Revision		
43337/5501/011		-		



Appendix E TRICS Data

Calculation Reference: AUDIT-706701-181112-1106

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : B - BUSINESS PARK

MULTI-MODAL OGVs

Selected regions and areas:

02 SOUTH EAST	
OX OXFORDSHIRE	1 days
06 WEST MIDLANDS	
ST STAFFORDSHIRE	1 days
WM WEST MIDLANDS	1 days
09 NORTH	
TW TYNE & WEAR	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: 20760 to 33105 (units: sqm)
 Range Selected by User: 20000 to 50000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 21/10/03 to 22/11/17

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:

Tuesday	1 days
Wednesday	1 days
Friday	2 days

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

Selected survey types:

Manual count	4 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 undertaken using machines.

Selected Locations:

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

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

Selected Location Sub Categories:

Industrial Zone	3
Commercial 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:

B1 3 days

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

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	1 days
25,001 to 50,000	3 days

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

Population within 5 miles:

50,001 to 75,000	1 days
75,001 to 100,000	1 days
250,001 to 500,000	2 days

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

Car ownership within 5 miles:

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

Yes	1 days
No	3 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	4 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	OX-02-B-01	BUSINESS PARK	OXFORDSHIRE
	GARSINGTON ROAD		
	OXFORD		
	COWLEY		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	33105 sqm	
	Survey date: TUESDAY	21/10/03	Survey Type: MANUAL
2	ST-02-B-04	BUSINESS PARK	STAFFORDSHIRE
	STONE ROAD		
	STAFFORD		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	20760 sqm	
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL
3	TW-02-B-02	BUSINESS PARK	TYNE & WEAR
	HIGH FLATWORTH		
	NORTH SHIELDS		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	27142 sqm	
	Survey date: FRIDAY	10/10/08	Survey Type: MANUAL
4	WM-02-B-01	BUSINESS PARK	WEST MIDLANDS
	COURTALD WAY		
	COVENTRY		
	FOLESHILL		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	30042 sqm	
	Survey date: FRIDAY	10/02/06	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.

B1 Business Park Multi-Modal Trip Rates

Page 4

Peter Brett Associates Caversham Bridge House Reading

Licence No: 706701

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

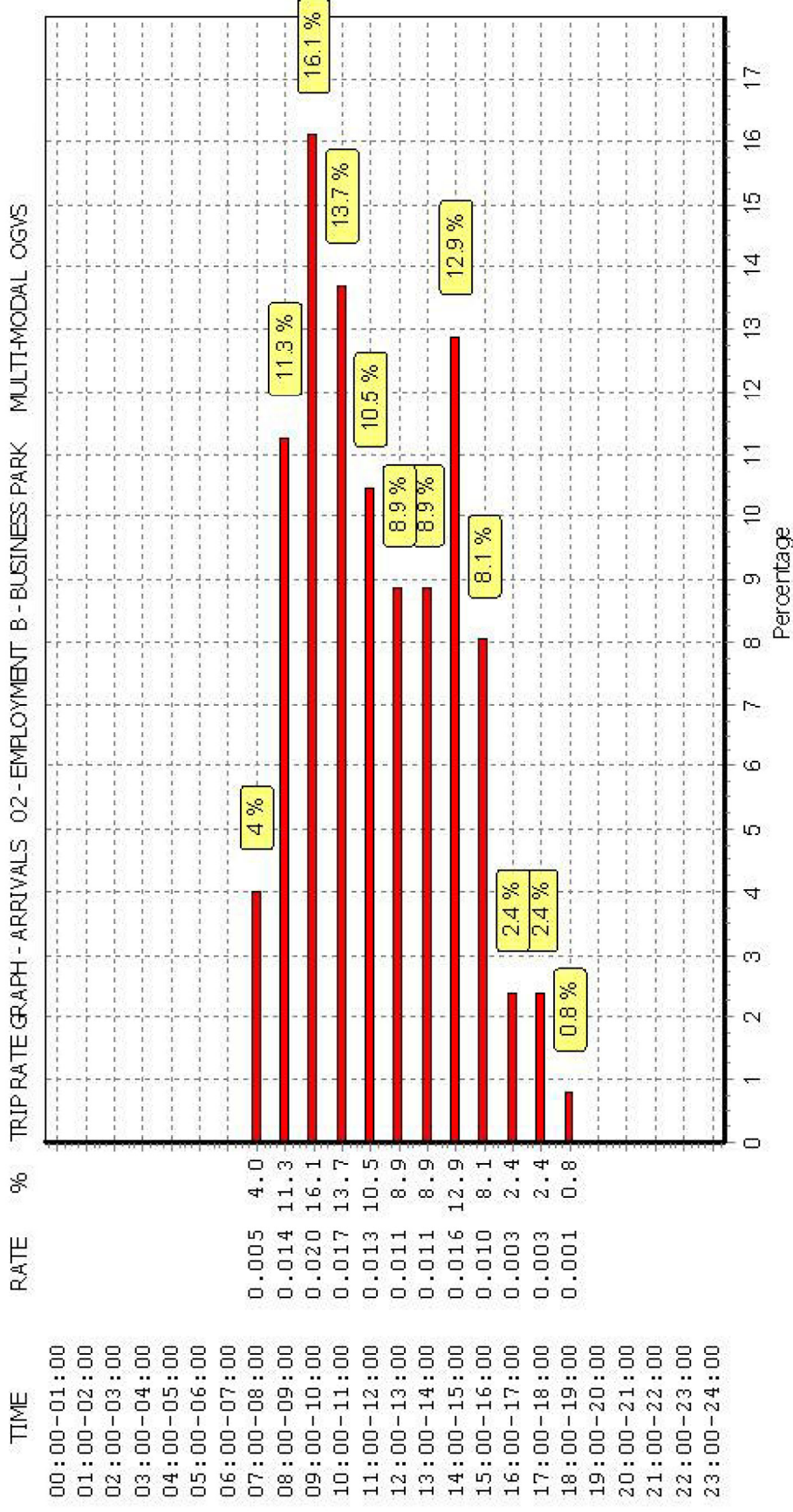
MULTI-MODAL OGVS**Calculation factor: 100 sqm****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	27762	0.005	4	27762	0.014	4	27762	0.019
08:00 - 09:00	4	27762	0.014	4	27762	0.019	4	27762	0.033
09:00 - 10:00	4	27762	0.020	4	27762	0.021	4	27762	0.041
10:00 - 11:00	4	27762	0.017	4	27762	0.027	4	27762	0.044
11:00 - 12:00	4	27762	0.013	4	27762	0.019	4	27762	0.032
12:00 - 13:00	4	27762	0.011	4	27762	0.013	4	27762	0.024
13:00 - 14:00	4	27762	0.011	4	27762	0.017	4	27762	0.028
14:00 - 15:00	4	27762	0.016	4	27762	0.020	4	27762	0.036
15:00 - 16:00	4	27762	0.010	4	27762	0.028	4	27762	0.038
16:00 - 17:00	4	27762	0.003	4	27762	0.009	4	27762	0.012
17:00 - 18:00	4	27762	0.003	4	27762	0.004	4	27762	0.007
18:00 - 19:00	4	27762	0.001	4	27762	0.001	4	27762	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.124			0.192			0.316

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

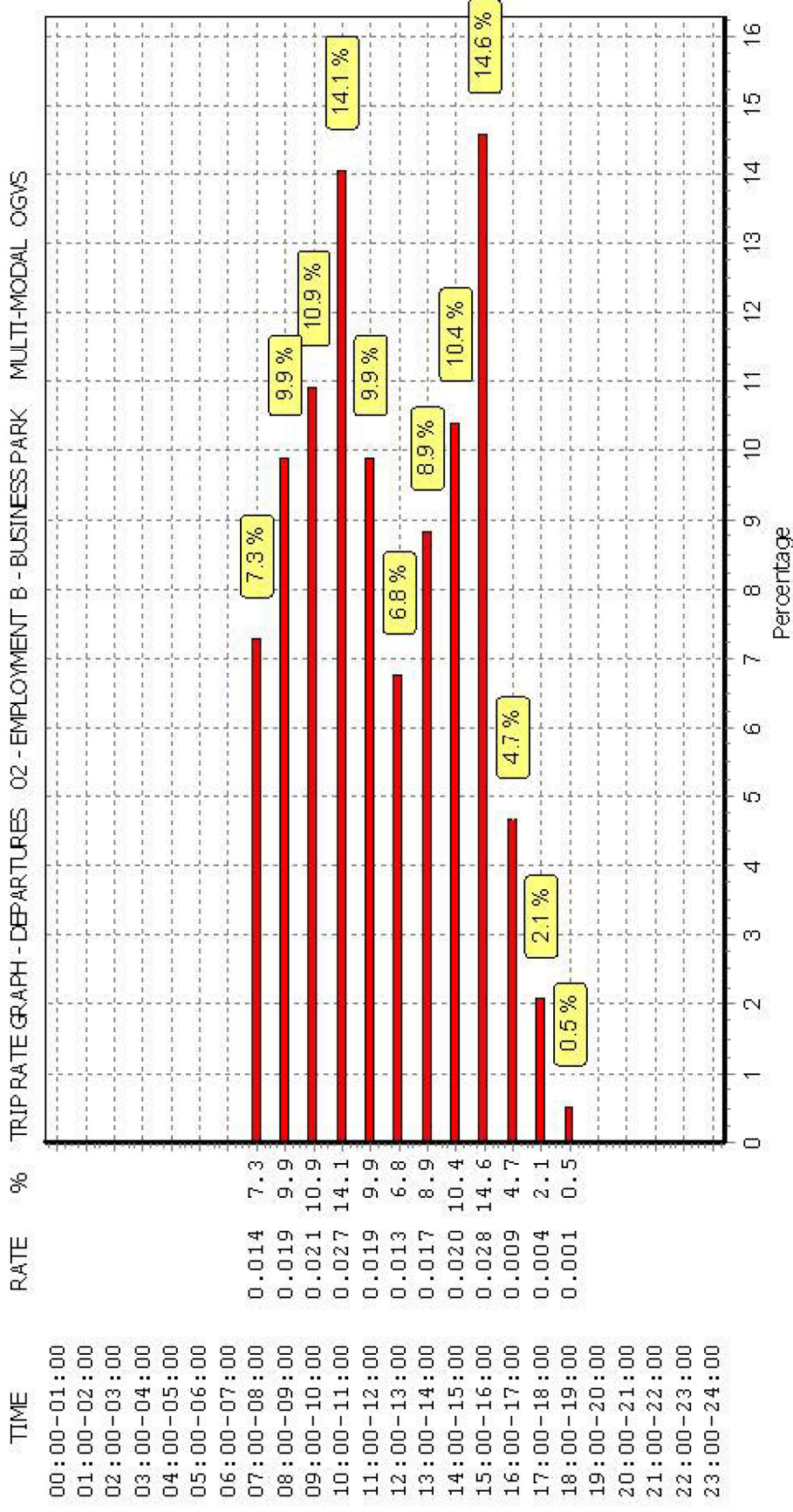
To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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

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This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.

Licence No: 706701



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.