

FOURTH FLOOR PLAN



FIFTH FLOOR PLAN

PROPOSED FOURTH AND FIFTH FLOORS SITE PLAN

Mixed Use Development
Polygon Street, Ardwick, Manchester

39no. Dwellings
4no. Retail Units
27no. Parking

ACCOMMODATION SCHEDULE

	Residential		
	TYPE 2A 21no. 2 bed apartment	(497 sqft ea.) (46.2 sqm)	
	TYPE 2B 4no. 2 bed apartment	(489 sqft ea.) (45.4 sqm)	
	TYPE 2C 1no. 2 bed 2 storey maisonette	(644 sqft ea.) (59.8 sqm)	
	TYPE 2D 3no. 2 bed 2 storey maisonette	(629 sqft ea.) (58.4 sqm)	
	TYPE 3A 4no. 3 bed apartment	(642 sqft ea.) (59.6 sqm)	
	TYPE 3B 5no. 3 bed apartment	(756 sqft ea.) (70.2 sqm)	
	TYPE 3C 1no. 3 bed triplex	(870 sqft ea.) (80.8 sqm)	
Total	**39no. Residential Units**	**22,142 sqft** (2,057.1 sqm)	
	Retail		
	RETAIL 4no. Retail Units	(6,836 sqft)	
	Total	**6,836sqft** (635.1 sqm)	
	Communal		
	COMMUNAL AREAS Stairs/Bins and Bike Store	(1,013 sqft)	
	Total	**1,013sqft** (94.1 sqm)	
	TOTAL (GIA)	**29,991sqft** (2,786.3 sqm)	

REVISION	DATE	DESCRIPTION

CLIENT: TBC

PROJECT: MIXED USE DEVELOPMENT

ADDRESS: POLYGON STREET, ARDWICK, MANCHESTER

DRAWING TITLE: PROPOSED SITE PLANS - 4TH & 5TH FLOORS

SCALE: 1:500@A3 | DATE: MAY 2013

DRAWING NO: A181_SK_012A

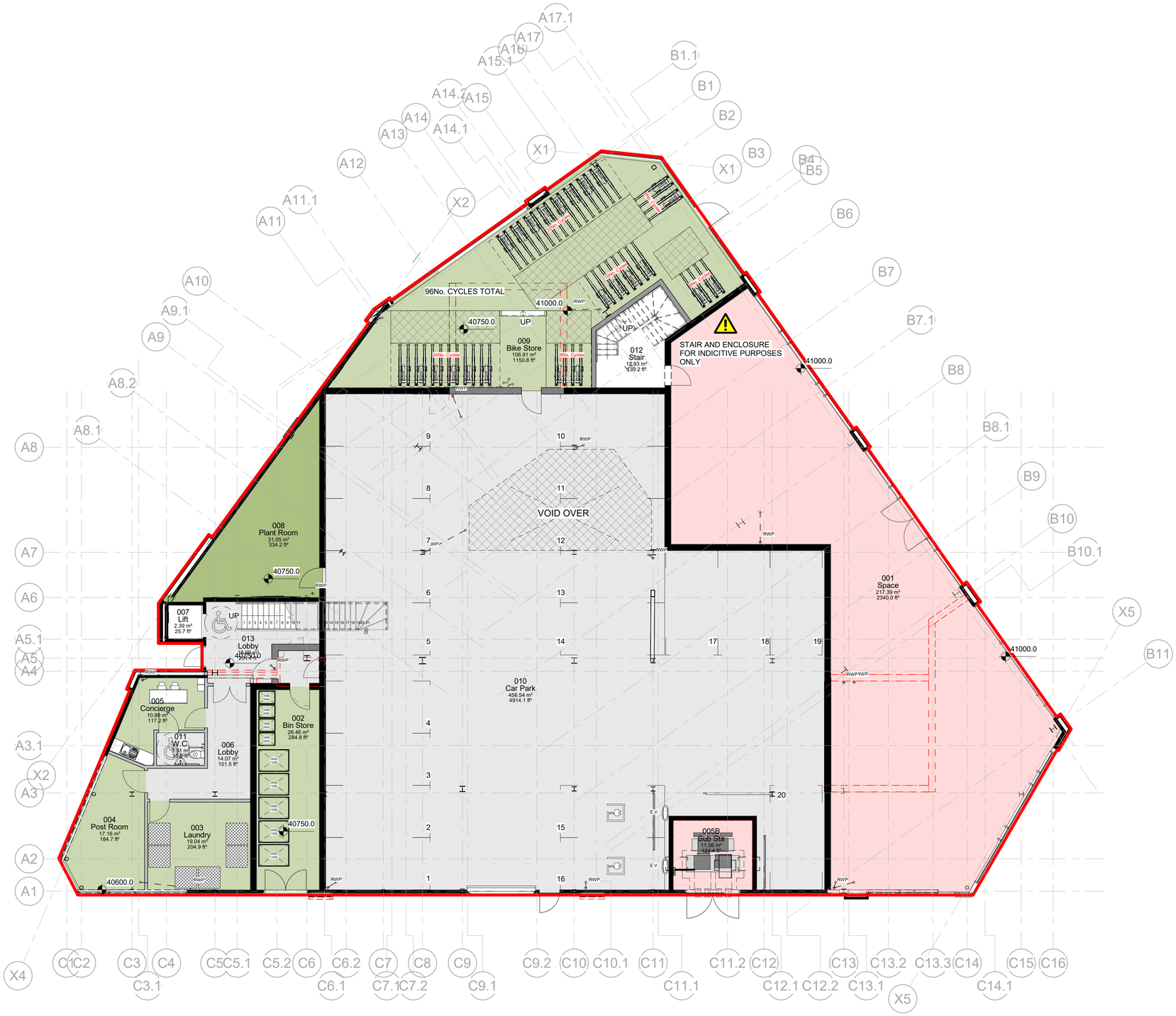
OLLIER SMURTHWAITE ARCHITECTS
106 Albert Mill, 10 Hulme Hall Road, Manchester, M15 4LY
T: 0161 883 0838
F: 0161 883 0839
E: mail@olliersmurthwaite.com

APPENDIX C – PROPOSED SITE LAYOUT PLANS

All dimensions shall be verified by the Contractor(s) on site prior to work commencing and relevant orders being placed. Do not scale from this drawing and only work to written dimensions. Any discrepancies to be brought to the attention of the Contract Administrator for instructions prior to proceeding.

DRAWING STATUS: PLANNING

AREA TO BE CHANGED



1 Proposed Ground Floor GA Plan
1 : 100

0 0.5 1 2 3 4 5 10 m

DRAWING SCALE 1:100

N

REV	DATE	COMMENT
2	05.10.2020	Updated inline with planning issue
1	18.09.2020	Issued as draft for approval

CLIENT:
KETTLE & TALBOT

PROJECT:
BRUNSWICK STREET

DRAWING:
PROPOSED GROUND FLOOR PLAN

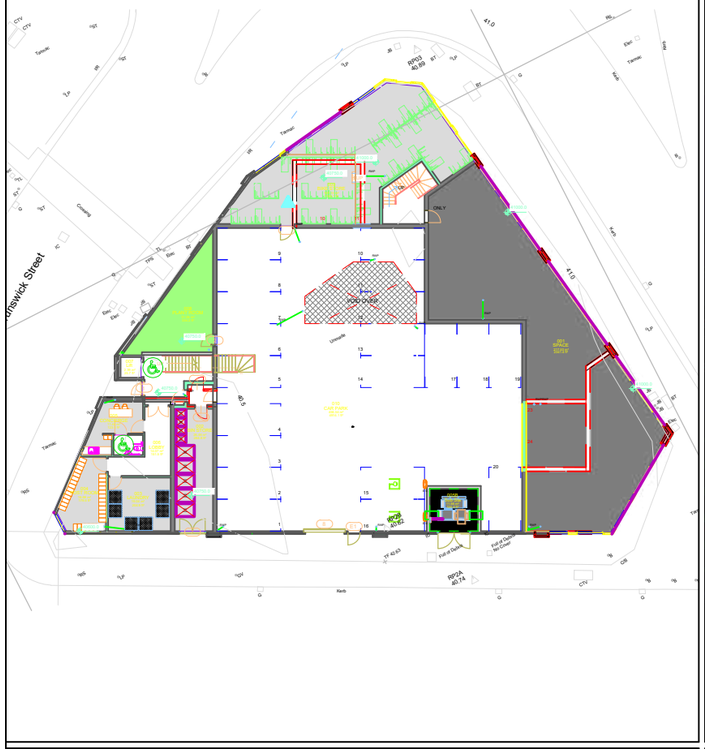
PROJECT N°:	DRAWING N°:	REV:	SCALE:	CHECKED:	DRAWN:
2032	PL 0100	2	As indicated	GW	LG
			SHEET: A1	DATE: 28.08.2020	

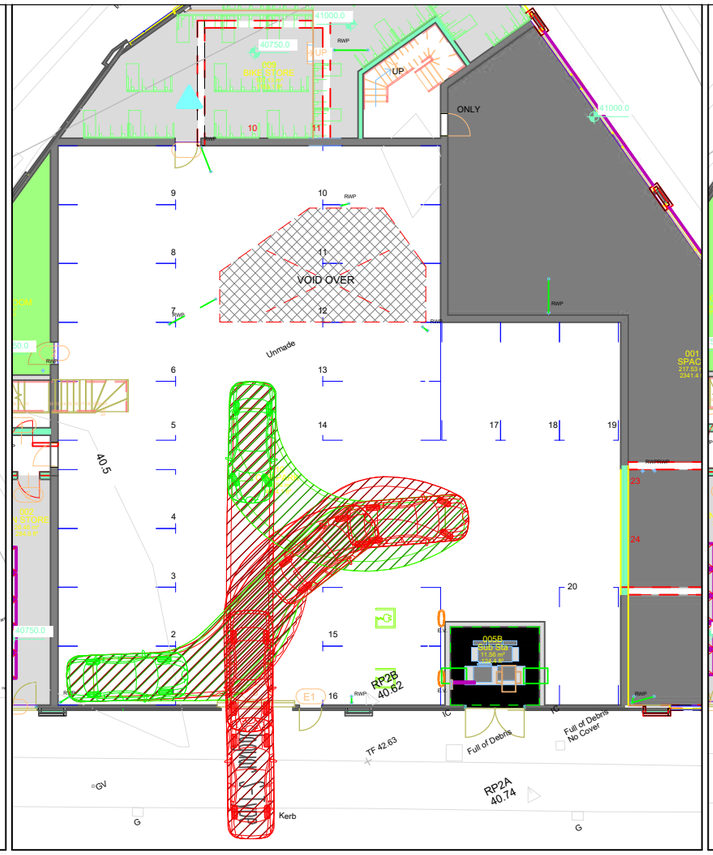
AUDEREBW ARCHITECTS

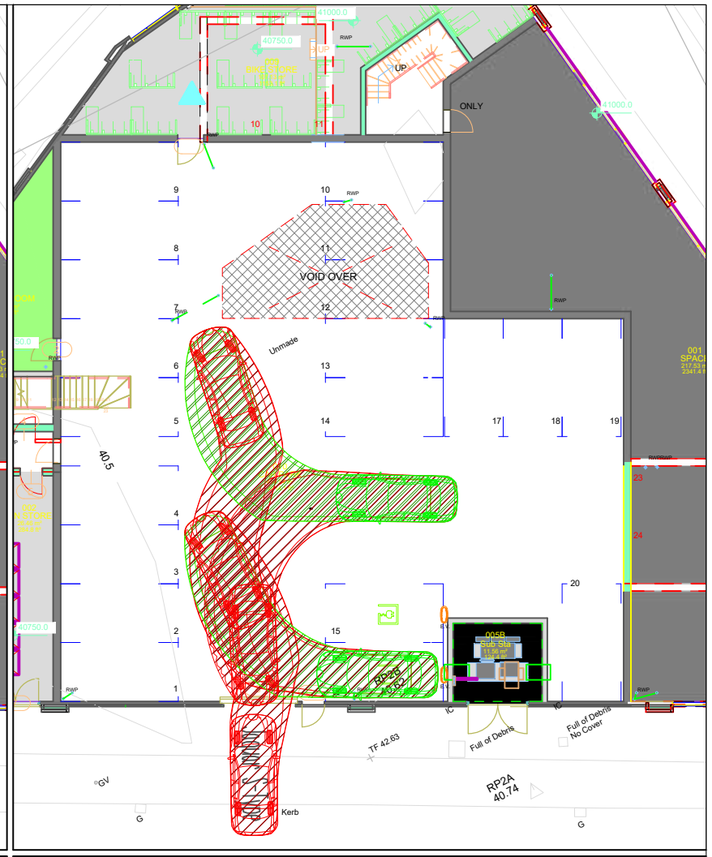
APPENDIX D – DRAWING NUMBER 2875-01-ATR01 (SWEPT PATH ANALYSIS)

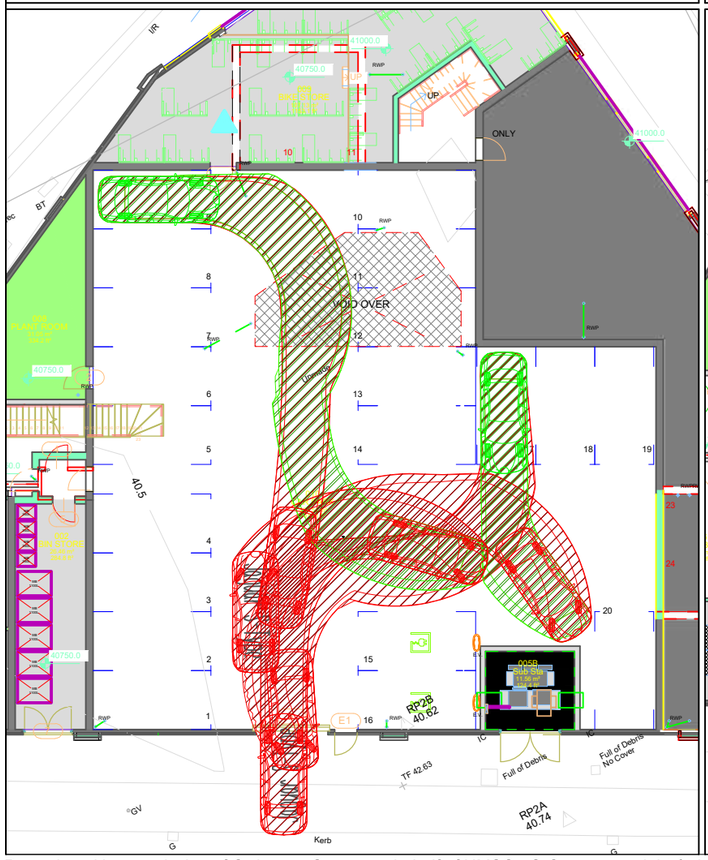
Q:\2851-2900\2875-01 Polygon St, Ardwick\Dwgs\CAD\2875-01-ATR01.dwg

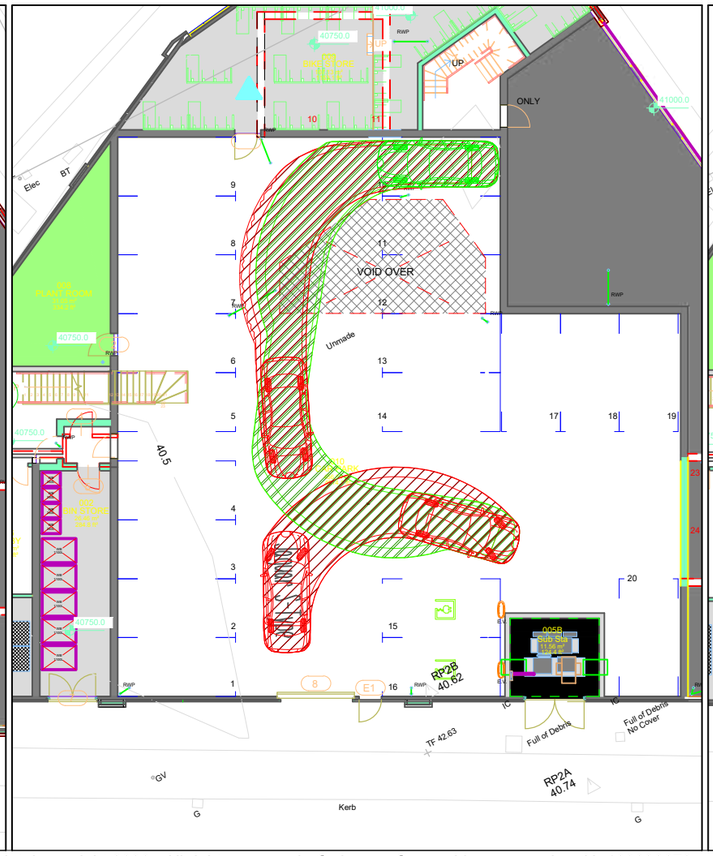
PROPOSED SITE PLAN (NTS)

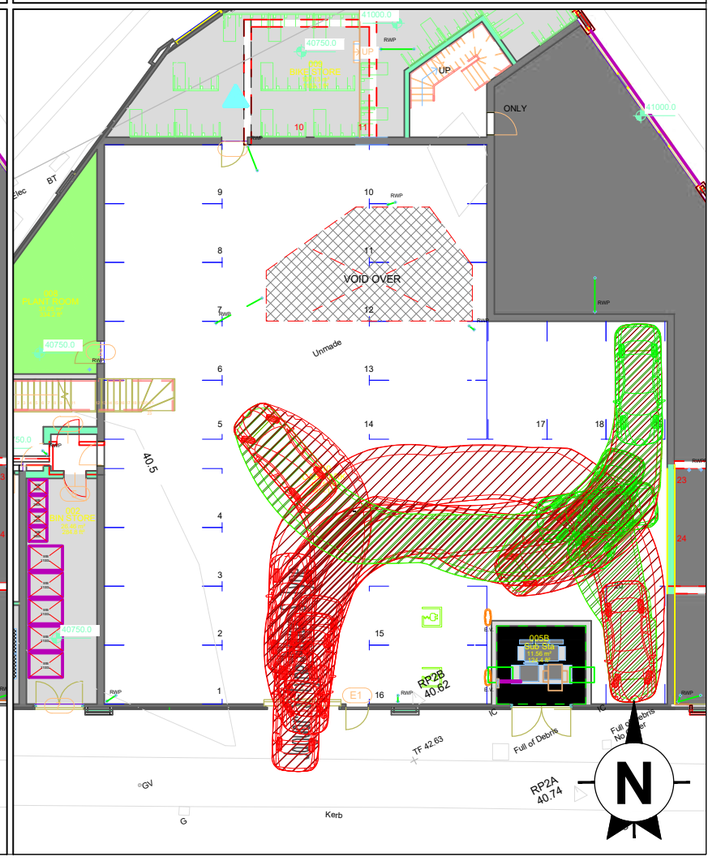












This drawing is the copyright of AXIS P.E.D Limited and may not be loaned, copied or reproduced in any way -or used for any offer, quote, tender or construction purposes without written consent of the company to do so

Follow any figured dimensions - do not scale for construction purposes. IF IN DOUBT ASK.

• Revision History	• Date
BASED ON AUDERE BW ARCHITECTS DRAWING NO. SK 0004 REV 6	



Jaguar S-Type	
Overall Length	4.939m
Overall Width	1.879m
Overall Body Height	1.474m
Min Body Ground Clearance	0.259m
Max Track Width	1.544m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	6.000m

Chester Office:
Well House Barns
Bretton
Chester
CH4 0DH

South Manchester Office:
Camellia House
76 Water Lane
Wilmslow
SK9 5BB

0844 8700 007 - www.axisped.co.uk

axis

client: GGC POLYGON MANCHESTER LTD

project: 2-10 STOCKPORT ROAD
ARDWICK, MANCHESTER

drawing title: SWEPT PATH ANALYSIS -
CAR PARK ARRANGEMENTS

date: OCTOBER 2020	drawn by: AB	checked: LK
drawing number: 2875-01-ATR01	status: --	
scale(s): 1:250@A3	rev: --	

planning environment design

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright & database right 2020. All rights reserved. Ordnance Survey Licence number AL 100036678.

APPENDIX E – TRICS OUTPUT (RESIDENTIAL)

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	**SOUTH EAST**		
	SC	SURREY	1 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	CH	CHESHIRE	1 days
	GM	GREATER MANCHESTER	2 days
10	**WALES**		
	FS	FLINTSHIRE	1 days
11	**SCOTLAND**		
	HI	HIGHLAND	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
Actual Range: 12 to 154 (units:)
Range Selected by User: 8 to 154 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/05 to 18/10/11

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

Selected survey days:

Monday	2 days
Tuesday	1 days
Wednesday	2 days
Thursday	1 days
Friday	3 days

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

Selected survey types:

Manual count	9 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	3
Edge of Town Centre	6

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

Selected Location Sub Categories:

Residential Zone	4
Built-Up Zone	4
No Sub Category	1

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

Filtering Stage 3 selection:

Use Class:

C3	9 days

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

Population within 1 mile:

10,001 to 15,000	3 days
15,001 to 20,000	1 days
20,001 to 25,000	2 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	2 days
75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	2 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	7 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	9 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.

LIST OF SITES relevant to selection parameters

1 CH-03-C-01 BLOCKS OF FLATS CHESHIRE
NEW CRANE STREET

CHESTER
Edge of Town Centre
Residential Zone
Total Number of dwellings: 60
Survey date: FRIDAY *17/10/08* *Survey Type: MANUAL*

2 DC-03-C-01 BLOCKS OF FLATS DORSET
ABBOTSBURY ROAD

WEYMOUTH
Edge of Town Centre
Residential Zone
Total Number of dwellings: 27
Survey date: TUESDAY *08/07/08* *Survey Type: MANUAL*

3 FS-03-C-01 BLOCK OF FLATS FLINTSHIRE
WREXHAM STREET

MOLD
Edge of Town Centre
Built-Up Zone
Total Number of dwellings: 30
Survey date: MONDAY *06/07/09* *Survey Type: MANUAL*

4 GM-03-C-02 BLOCK OF FLATS GREATER MANCHESTER
WHITWORTH STREET W.

MANCHESTER
Town Centre
Built-Up Zone
Total Number of dwellings: 154
Survey date: THURSDAY *13/10/11* *Survey Type: MANUAL*

5 GM-03-C-03 BLOCK OF FLATS GREATER MANCHESTER
FAIRFIELD STREET

MANCHESTER
Town Centre
Built-Up Zone
Total Number of dwellings: 20
Survey date: FRIDAY *14/10/11* *Survey Type: MANUAL*

6 HI-03-C-01 FLATS HIGHLAND
SHORE STREET

INVERNESS
Town Centre
Residential Zone
Total Number of dwellings: 38
Survey date: WEDNESDAY *20/05/09* *Survey Type: MANUAL*

7 SC-03-C-01 FLATS SURREY
HEATHCOTE ROAD

CAMBERLEY
Edge of Town Centre
Residential Zone
Total Number of dwellings: 140
Survey date: MONDAY *21/07/08* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

8 **WM-03-C-03** **FLATS** **WEST MIDLANDS**
LODE LANE

SOLIHULL
Edge of Town Centre
No Sub Category
Total Number of dwellings: 60
Survey date: FRIDAY *21/09/07* *Survey Type: MANUAL*

9 **WY-03-C-02** **BLOCK OF FLATS** **WEST YORKSHIRE**
KINGS MILL LANE
ASPLEY
HUDDERSFIELD
Edge of Town Centre
Built-Up Zone
Total Number of dwellings: 12
Survey date: WEDNESDAY *13/09/06* *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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	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	9	60	0.022	9	60	0.118	9	60	0.140
08:00 - 09:00	9	60	0.052	**9**	**60**	**0.185**	**9**	**60**	**0.237**
09:00 - 10:00	9	60	0.050	9	60	0.065	9	60	0.115
10:00 - 11:00	9	60	0.063	9	60	0.046	9	60	0.109
11:00 - 12:00	9	60	0.043	9	60	0.039	9	60	0.082
12:00 - 13:00	9	60	0.043	9	60	0.065	9	60	0.108
13:00 - 14:00	9	60	0.052	9	60	0.074	9	60	0.126
14:00 - 15:00	9	60	0.059	9	60	0.057	9	60	0.116
15:00 - 16:00	9	60	0.085	9	60	0.055	9	60	0.140
16:00 - 17:00	9	60	0.085	9	60	0.070	9	60	0.155
17:00 - 18:00	**9**	**60**	**0.153**	9	60	0.083	9	60	0.236
18:00 - 19:00	9	60	0.109	9	60	0.048	9	60	0.157
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.816			0.905			1.721

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.*

Parameter summary

Trip rate parameter range selected:	12 - 154 (units:)
Survey date date range:	01/01/05 - 18/10/11
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	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	9	60	0.004	**9**	**60**	**0.009**	9	60	0.013
08:00 - 09:00	9	60	0.000	9	60	0.006	9	60	0.006
09:00 - 10:00	9	60	0.004	9	60	0.007	9	60	0.011
10:00 - 11:00	9	60	0.004	9	60	0.002	9	60	0.006
11:00 - 12:00	9	60	0.002	9	60	0.002	9	60	0.004
12:00 - 13:00	9	60	0.000	9	60	0.006	9	60	0.006
13:00 - 14:00	9	60	0.002	9	60	0.006	9	60	0.008
14:00 - 15:00	9	60	0.004	9	60	0.002	9	60	0.006
15:00 - 16:00	9	60	0.004	9	60	0.004	9	60	0.008
16:00 - 17:00	9	60	0.000	9	60	0.000	9	60	0.000
17:00 - 18:00	**9**	**60**	**0.018**	9	60	0.004	**9**	**60**	**0.022**
18:00 - 19:00	9	60	0.007	9	60	0.002	9	60	0.009
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.049			0.050			0.099

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.*

Parameter summary

Trip rate parameter range selected:	12 - 154 (units:)
Survey date date range:	01/01/05 - 18/10/11
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PEDESTRIANS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	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	9	60	0.026	9	60	0.089	9	60	0.115
08:00 - 09:00	9	60	0.043	**9**	**60**	**0.198**	9	60	0.241
09:00 - 10:00	9	60	0.039	9	60	0.139	9	60	0.178
10:00 - 11:00	9	60	0.074	9	60	0.083	9	60	0.157
11:00 - 12:00	9	60	0.059	9	60	0.126	9	60	0.185
12:00 - 13:00	9	60	0.116	9	60	0.122	9	60	0.238
13:00 - 14:00	9	60	0.116	9	60	0.089	9	60	0.205
14:00 - 15:00	9	60	0.094	9	60	0.085	9	60	0.179
15:00 - 16:00	9	60	0.129	9	60	0.081	9	60	0.210
16:00 - 17:00	9	60	0.189	9	60	0.135	9	60	0.324
17:00 - 18:00	**9**	**60**	**0.240**	9	60	0.096	**9**	**60**	**0.336**
18:00 - 19:00	9	60	0.133	9	60	0.033	9	60	0.166
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.258			1.276			2.534

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.*

Parameter summary

Trip rate parameter range selected:	12 - 154 (units:)
Survey date date range:	01/01/05 - 18/10/11
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	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	9	60	0.000	9	60	0.033	9	60	0.033
08:00 - 09:00	9	60	0.002	**9**	**60**	**0.067**	9	60	0.069
09:00 - 10:00	9	60	0.002	9	60	0.028	9	60	0.030
10:00 - 11:00	9	60	0.004	9	60	0.009	9	60	0.013
11:00 - 12:00	9	60	0.006	9	60	0.013	9	60	0.019
12:00 - 13:00	9	60	0.007	9	60	0.020	9	60	0.027
13:00 - 14:00	9	60	0.007	9	60	0.013	9	60	0.020
14:00 - 15:00	9	60	0.013	9	60	0.002	9	60	0.015
15:00 - 16:00	9	60	0.031	9	60	0.007	9	60	0.038
16:00 - 17:00	9	60	0.024	9	60	0.017	9	60	0.041
17:00 - 18:00	**9**	**60**	**0.067**	9	60	0.006	**9**	**60**	**0.073**
18:00 - 19:00	9	60	0.022	9	60	0.002	9	60	0.024
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.185			0.217			0.402

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.*

Parameter summary

Trip rate parameter range selected:	12 - 154 (units:)
Survey date date range:	01/01/05 - 18/10/11
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	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.

APPENDIX F - TRICS OUTPUT (A1 RETAIL)

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

03	**SOUTH WEST**		
	GS	GLOUCESTERSHIRE	1 days
	SG	SOUTH GLOUCESTERSHIRE	1 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	1 days
06	**WEST MIDLANDS**		
	SH	SHROPSHIRE	1 days
	WM	WEST MIDLANDS	2 days
10	**WALES**		
	CF	CARDIFF	1 days
11	**SCOTLAND**		
	EB	CITY OF EDINBURGH	1 days

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

Filtering Stage 2 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: 240 to 1550 (units: sqm)
Range Selected by User: 240 to 2500 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/05 to 21/11/12

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

Selected survey days:

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

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

Selected survey types:

Manual count	8 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
Edge of Town	4

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

Selected Location Sub Categories:

Commercial Zone	1
Residential Zone	6
No Sub Category	1

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

Filtering Stage 3 selection:

Use Class:

A1	7 days

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

Population within 1 mile:

10,001 to 15,000	1 days
15,001 to 20,000	3 days
25,001 to 50,000	3 days
50,001 to 100,000	1 days

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

Population within 5 miles:

100,001 to 125,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	5 days

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

Car ownership within 5 miles:

0.6 to 1.0	3 days
1.1 to 1.5	5 days

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

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	8 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	8 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.

LIST OF SITES relevant to selection parameters

1 CF-01-I-01 LOCAL SHOPS CARDIFF
MICHAELSTON ROAD

CARDIFF
Edge of Town
No Sub Category
Total Gross floor area: 500 sqm
Survey date: MONDAY 08/10/07 Survey Type: MANUAL

2 EB-01-I-01 LOCAL SHOPS CITY OF EDINBURGH
COLINTON ROAD
CRAIGLOCKHART
EDINBURGH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Gross floor area: 825 sqm
Survey date: THURSDAY 28/10/10 Survey Type: MANUAL

3 GS-01-I-01 LOCAL SHOPS GLOUCESTERSHIRE
SALISBURY AVENUE
WARDEN HILL
CHELTENHAM
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Gross floor area: 525 sqm
Survey date: MONDAY 26/04/10 Survey Type: MANUAL

4 LE-01-I-01 LOCAL SHOPS LEICESTERSHIRE
RYDER ROAD
BRAUNSTONE FRITH
LEICESTER
Edge of Town
Residential Zone
Total Gross floor area: 606 sqm
Survey date: WEDNESDAY 26/09/12 Survey Type: MANUAL

5 SG-01-I-01 LOCAL SHOPS SOUTH GLOUCESTERSHIRE
BURLEY GROVE
KINGSWOOD
BRISTOL
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Gross floor area: 240 sqm
Survey date: FRIDAY 06/10/06 Survey Type: MANUAL

6 SH-01-I-01 LOCAL SHOPS SHROPSHIRE
WREKIN DRIVE
DONNINGTON
TELFORD
Edge of Town
Residential Zone
Total Gross floor area: 820 sqm
Survey date: WEDNESDAY 24/06/09 Survey Type: MANUAL

7 WM-01-I-01 LOCAL SHOPS WEST MIDLANDS
HOLYHEAD ROAD

COVENTRY
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Gross floor area: 1550 sqm
Survey date: THURSDAY 27/09/07 Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8 WM-01-I-02 LOCAL SHOPS WEST MIDLANDS
MARSHALL LAKE ROAD
SHIRLEY
SOLIHULL
Edge of Town
Commercial Zone
Total Gross floor area: 515 sqm
Survey date: TUESDAY *18/09/07* *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.

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS

MULTI-MODAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	8	698	3.530	8	698	3.386	8	698	6.916
08:00 - 09:00	8	698	4.282	8	698	3.763	8	698	8.045
09:00 - 10:00	8	698	4.336	8	698	3.978	8	698	8.314
10:00 - 11:00	8	698	4.318	8	698	3.870	8	698	8.188
11:00 - 12:00	8	698	3.637	8	698	3.333	8	698	6.970
12:00 - 13:00	**8**	**698**	**5.125**	**8**	**698**	**5.178**	**8**	**698**	**10.303**
13:00 - 14:00	8	698	4.408	8	698	5.035	8	698	9.443
14:00 - 15:00	8	698	3.870	8	698	3.745	8	698	7.615
15:00 - 16:00	8	698	3.906	8	698	4.229	8	698	8.135
16:00 - 17:00	8	698	4.282	8	698	4.515	8	698	8.797
17:00 - 18:00	8	698	4.515	8	698	4.085	8	698	8.600
18:00 - 19:00	8	698	4.264	8	698	4.533	8	698	8.797
19:00 - 20:00	8	698	3.386	8	698	3.369	8	698	6.755
20:00 - 21:00	7	763	1.741	7	763	2.322	7	763	4.063
21:00 - 22:00	3	650	2.460	3	650	2.614	3	650	5.074
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			58.060			57.955			116.015

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.*

Parameter summary

Trip rate parameter range selected:	240 - 1550 (units: sqm)
Survey date date range:	01/01/05 - 21/11/12
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	8	698	0.197	8	698	0.143	8	698	0.340
08:00 - 09:00	8	698	0.197	8	698	0.108	8	698	0.305
09:00 - 10:00	8	698	0.125	8	698	0.125	8	698	0.250
10:00 - 11:00	8	698	0.072	8	698	0.072	8	698	0.144
11:00 - 12:00	8	698	0.161	8	698	0.143	8	698	0.304
12:00 - 13:00	8	698	0.036	8	698	0.090	8	698	0.126
13:00 - 14:00	8	698	0.143	8	698	0.143	8	698	0.286
14:00 - 15:00	8	698	0.090	8	698	0.108	8	698	0.198
15:00 - 16:00	8	698	0.125	8	698	0.161	8	698	0.286
16:00 - 17:00	**8**	**698**	**0.430**	**8**	**698**	**0.340**	**8**	**698**	**0.770**
17:00 - 18:00	8	698	0.143	8	698	0.197	8	698	0.340
18:00 - 19:00	8	698	0.233	8	698	0.269	8	698	0.502
19:00 - 20:00	8	698	0.036	8	698	0.072	8	698	0.108
20:00 - 21:00	7	763	0.019	7	763	0.037	7	763	0.056
21:00 - 22:00	3	650	0.000	3	650	0.000	3	650	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.007			2.008			4.015

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.*

Parameter summary

Trip rate parameter range selected:	240 - 1550 (units: sqm)
Survey date date range:	01/01/05 - 21/11/12
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	8	698	2.222	8	698	1.899	8	698	4.121
08:00 - 09:00	8	698	6.397	8	698	5.698	8	698	12.095
09:00 - 10:00	8	698	5.555	8	698	5.178	8	698	10.733
10:00 - 11:00	8	698	4.802	8	698	4.372	8	698	9.174
11:00 - 12:00	8	698	4.981	8	698	5.125	8	698	10.106
12:00 - 13:00	8	698	5.304	8	698	4.910	8	698	10.214
13:00 - 14:00	8	698	3.817	8	698	3.763	8	698	7.580
14:00 - 15:00	8	698	2.956	8	698	3.351	8	698	6.307
15:00 - 16:00	**8**	**698**	**7.418**	**8**	**698**	**8.224**	**8**	**698**	**15.642**
16:00 - 17:00	8	698	4.605	8	698	4.426	8	698	9.031
17:00 - 18:00	8	698	3.333	8	698	3.530	8	698	6.863
18:00 - 19:00	8	698	2.598	8	698	3.082	8	698	5.680
19:00 - 20:00	8	698	2.061	8	698	2.168	8	698	4.229
20:00 - 21:00	7	763	1.011	7	763	1.198	7	763	2.209
21:00 - 22:00	3	650	1.333	3	650	1.333	3	650	2.666
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			58.393			58.257			116.650

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.*

Parameter summary

Trip rate parameter range selected:	240 - 1550 (units: sqm)
Survey date date range:	01/01/05 - 21/11/12
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	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.

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	8	698	0.108	8	698	0.036	8	698	0.144
08:00 - 09:00	8	698	0.125	8	698	0.090	8	698	0.215
09:00 - 10:00	8	698	0.125	8	698	0.143	8	698	0.268
10:00 - 11:00	8	698	0.143	8	698	0.072	8	698	0.215
11:00 - 12:00	8	698	0.143	8	698	0.125	8	698	0.268
12:00 - 13:00	8	698	0.179	8	698	0.108	8	698	0.287
13:00 - 14:00	8	698	0.161	8	698	0.197	8	698	0.358
14:00 - 15:00	8	698	0.090	**8**	**698**	**0.215**	8	698	0.305
15:00 - 16:00	**8**	**698**	**0.555**	8	698	0.108	**8**	**698**	**0.663**
16:00 - 17:00	8	698	0.054	8	698	0.108	8	698	0.162
17:00 - 18:00	8	698	0.072	8	698	0.125	8	698	0.197
18:00 - 19:00	8	698	0.036	8	698	0.108	8	698	0.144
19:00 - 20:00	8	698	0.018	8	698	0.000	8	698	0.018
20:00 - 21:00	7	763	0.000	7	763	0.000	7	763	0.000
21:00 - 22:00	3	650	0.000	3	650	0.000	3	650	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.809			1.435			3.244

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.

*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.*

Parameter summary

Trip rate parameter range selected:	240 - 1550 (units: sqm)
Survey date date range:	01/01/05 - 21/11/12
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	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.