

Downing Living (Manchester) Limited Partnership Inc.

Plot 11 - Block A and B, First
Street South, Manchester

Transport Note



Control Sheet

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Acknowledgements

Reference is made to Manchester City Council planning application reference 125573/FO/2019.

The TRICS database has been used in this report to calculate traffic generations.

Development plans have been provided by Simpson Haugh Architects

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TRICS: Town Centre Fitness Club (Private)

Appendix D

TRICS: Town Centre Café

Appendix E

TRICS: Town Centre Restaurant

Appendix F

TRICS: Town Centre Convenience Store

1. Introduction

- 1.1 Sanderson Associates Consulting Engineers has been appointed by Downing Living (Manchester) Limited Partnership Inc. to prepare a Transport Note in support of a drop-in planning application relating to the commercial units on the application site.
- 1.2 The site is a brown field site with a recent planning history and has extant consent for residential use. Planning permission reference 125573/FO/2019 was granted in March 2021 for the construction of four buildings (A, B, C and D) of heights varying from 10 storeys to 45 storeys together comprising Co-living bedspaces (use class sui generis) and associated amenity facilities including ground floor commercial units (Use classes A3 (Café / Restaurant) and D2 (Gym)). Blocks A, B and D are under construction which commenced on 30 March 2022.
- 1.3 The drop in planning application relates to the commercial units within the ground floor and first floor of Blocks A and B. These units (measuring 1,581 sq. m.) currently have consent to operate as a café (Use Class A3 (now E(b))) and gym (Use Class D2 (now E(d))). Downing want to open this up, so that they can operate more flexibly under:
 - Use Class E(a) – retail
 - Use Class E(b) – café
 - Use Class E(c) – professional services (i.e. hairdressers)
 - Use Class E(d) – gym
- 1.4 The Council have advised that the application will need to be supported by a Transport Note, confirming the likely trip generation figures associated with each use, assessing impacts, and detailing deliveries and servicing arrangements (and frequencies).
- 1.5 The planning application for the extant consent on the site was supported by a Transport Assessment and Transport Assessment Addendum prepared by Sanderson Associates reference 11123/BL/002/03 19.11.2019 and 11123/BL/004/01 23.03.2020, respectively. The Transport Assessment stated at paragraph 6.2 that:

‘With regards to the ground floor amenity space (gym / café), it is considered that these would be ancillary to the residential development and unlikely to generate a material level of movement from off-site. As such, no generations have been calculated for these elements.’
- 1.6 Planning application was consented on 17 November 2023 for a non-material amendment to Planning Permission 125573/FO/2019 as amended by 132804/NMC/2022 and 135526/NMC/2022 for works including the relocation of Building D Entrance, the introduction of a Delivery hub on Wilmott Street, adjustments to doors and window positions, additional louvres, and amendments to Podium Landscape design.

2. Development Proposals

2.1 The site location plan for the extant consent on the site is shown at **Figure 1**.

Figure 1 – Site Location Plan



2.2 In March 2021 planning permission reference 125573/FO/2019 was granted for the construction of four buildings of heights varying from 10 storeys to 45 storeys together comprising Co-living bedspaces (use class sui generis) and associated amenity facilities, with ground floor commercial units (Use classes A3 (Café / Restaurant and D2 (Gym)), private amenity space and public realm comprising hard and soft landscaping, car parking and cycle facilities and other associated works. The permission has been implemented and phases A and B on the north and east parts of the site are currently under construction which commenced on 30 March 2022. Phase C has not commenced. An indicative phasing plan is shown at **Figure 2**.

Figure 2 – Indicative Phasing Plan for Extant Planning Consent on the Site

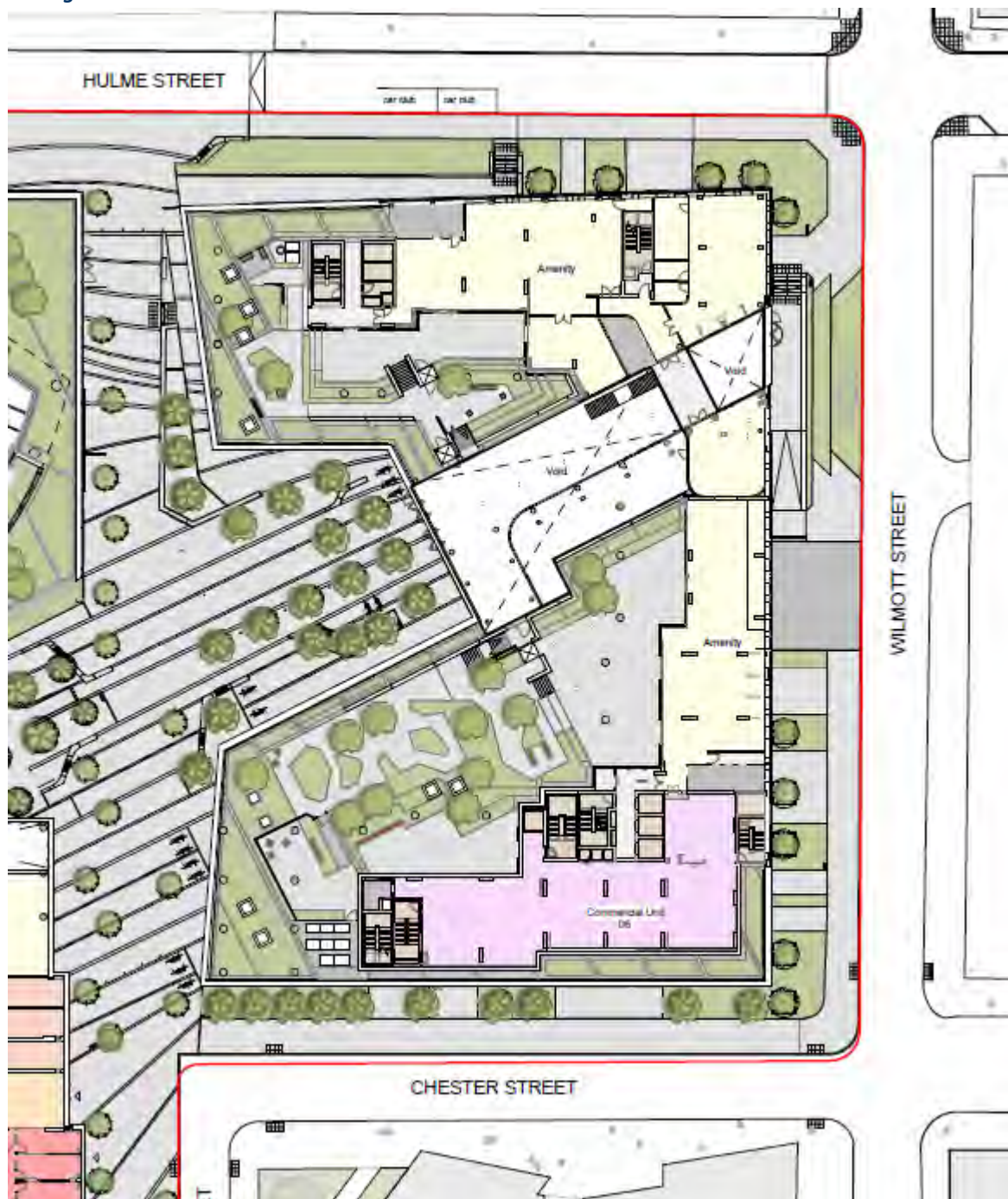


- 2.3 A Non-Material Change (NMC) planning application was consented on 15 December 2022 for a non-material amendment to amend condition 2 attached to application ref no 125573/FO/2019 as amended by 132553/NMC/2021 and 132804/NMC/2022 to include amendments to ground floor landscaping (realignment of trees and repositioning of planters due to gas easement), relocation of Wilmott Street entrance, relocation of loading bay along Wilmott Street, adjustments to door and window positions, creation of additional entrance doors to the commercial units, amendments to Building D entrance, changes at roof level including minor increase in height of roof overrun and air source heat pump, removal of building maintenance units and redesign of building A & B Roof Terraces to rationalise the level changes.
- 2.4 The drop in planning application relates to the commercial units within the ground floor and first floor of Blocks A and B. These blocks are located within Phase B with Block A located to the north and Block B located to the south.
- 2.5 The site layout plans for Blocks A and B are contained at **Appendix A** with an extract of the ground floor plan at **Figure 3** showing the commercial area (pink) and first floor plan at **Figure 4** which shows further commercial floor area (pink). The cumulative floor area is approximately 1,581sqm. These units have consent to operate as a café (Use Class A3 (now E(b))) and gym (Use Class D2 (now E(d))).

Figure 3 – Block A and B Ground Floor Plans



Figure 4 – Block A and B First Floor Plan



2.6 The commercial space is split into 3 areas with the total gross floor area summarised as follows:

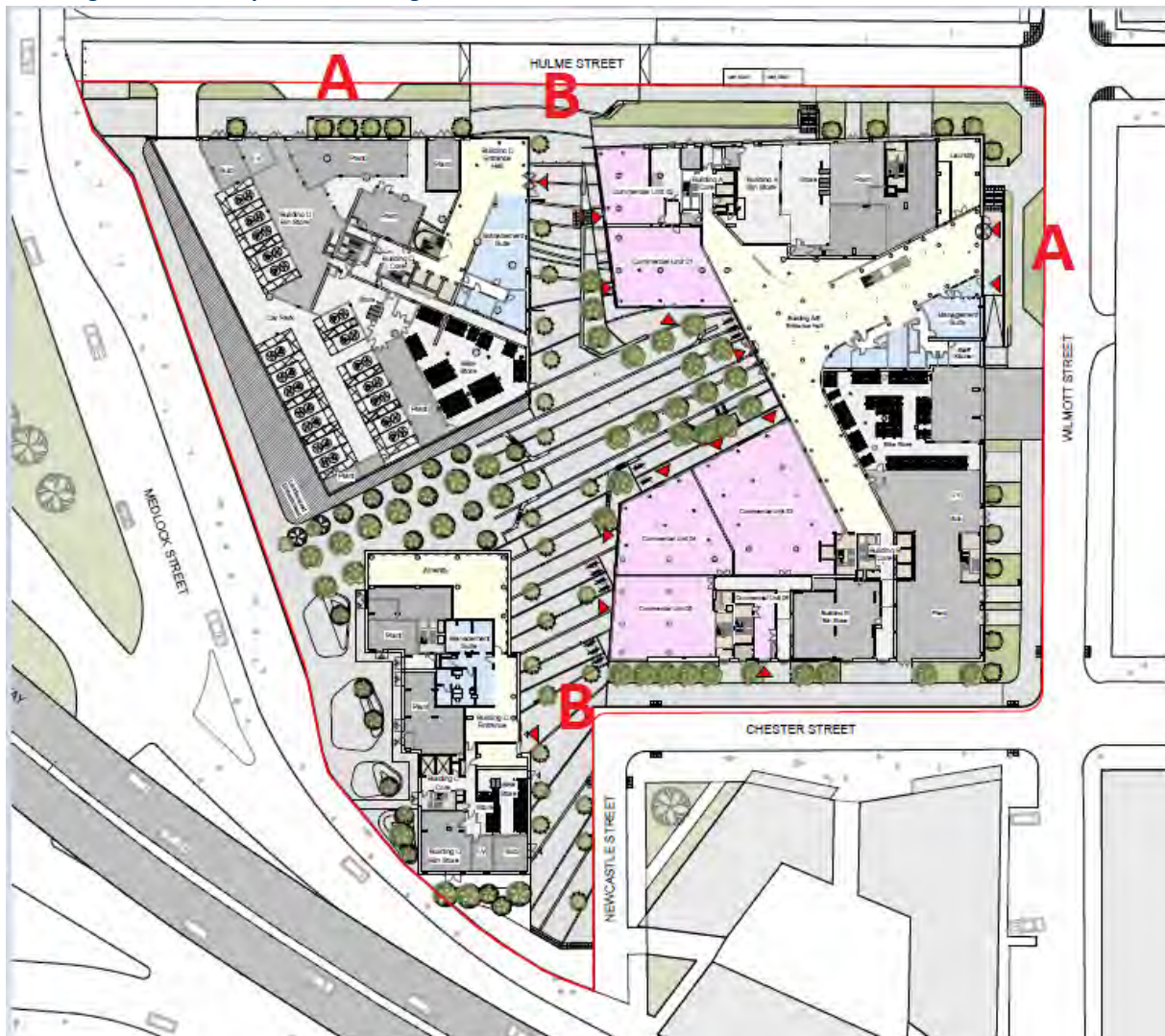
- Block A Ground Floor Total Gross Floor Area 325sqm
- Block B Ground Floor Total Gross Floor Area 896sqm
- Block B First Floor Total Gross Floor Area 360sqm
- Total Gross Floor Area 1,581sqm

- 2.7 Downing want to open up these spaces, so that they can operate flexibly under:
- Use Class E(a) – retail
 - Use Class E(b) – café
 - Use Class E(c) – professional services (i.e. hairdressers)
 - Use Class E(d) – gym
- 2.8 The application is simply applying for the consented A3/D2 floor space to be used flexibly under E(a)-E(d). There would be no changes to the extant scheme and therefore no on site car parking would be available for these uses. Whilst these uses will be standalone (with their own use class), it is anticipated the majority of users would be from the residential development on the site and from other local areas within walking distance of the site.
- 2.9 It should be noted that the consented A3 and D2 commercial space on the site now come under use class E. The flexible uses sought by Downing are all land use class E and therefore are acceptable alternative uses in planning terms.

3. Servicing

- 3.1 The proposals would not change the approved servicing arrangements for Blocks A and B. The planning consent allows for new service laybys to be created on Hulme Street and Wilmott Street with refuse vehicle turning areas on Hulme Street and Chester Street. The location of these areas are shown on **Figure 5**, with service laybys at locations marked 'A' and refuse vehicle turning areas at locations marked 'B'.

Figure 5 – Development Servicing Areas



- 3.2 Refuse vehicle tracking was submitted with the Transport Assessment Addendum report in support of the extant planning permission. The swept paths of an 11.85m refuse vehicle turning on Hulme Street and Newcastle Street were provided on the drawing at **Appendix B**.

4. Multimodal Traffic Generations

4.1 Overview

- 4.1.1 The commercial space is split into 3 locations with the total gross floor area effectively limiting the maximum size of any particular use within these areas.
- Block A Ground Floor Total Commercial Gross Floor Area 325sqm
 - Block B Ground Floor Total Commercial Gross Floor Area 896sqm
 - Block B First Floor Total Commercial Gross Floor Area 360sqm
 - Total Commercial Gross Floor Area 1,581sqm
- 4.1.2 The commercial space is flexible and is shown subdivided into several units on the ground floor plans. The maximum size of individual uses will be limited by the total floor area within individual areas as identified above.
- 4.1.3 TRICS research shows that trips associated with retail are largely already occurring on the highway network with as little as 10% new trips associated with new retail developments. The remaining trips are already occurring on the network and are a combination of pass-by trips, diverted trips and transferred trips. The commercial uses on the site, whilst stand alone, will complement the primary residential use on the site and local area. As such it is anticipated that the majority of users would be from the residential development on the site and from local areas within walking distance of the site.
- 4.1.4 The development is a predominantly motorised vehicle free scheme (except for mobility spaces) and no parking is being provided on site for the commercial uses and with no alternative free parking available within the vicinity of the site. There is limited paid on street parking within walking distance of the site and located within Manchester City Council Zone 3 on street parking charge area. Parking is limited to a maximum of 3 hours in increments of 30 minutes with a maximum parking tariff of £3.70. There is a 24 hour commercial car park on Hulme Street within a minute's walk of the site. The parking tariffs are limited to a single visit up to 4 hours costing £5.50 and a single visit up to 24 hours costing £10.50. The parking regime in the local area will discourage staff associated with the commercial uses from using a car to travel to work. Similarly, limited parking and parking tariffs will deter some of the commercial users from accessing the uses using a car with walking, cycling and public transport most likely to be the main modes of travel. This assumption is supported by the sites highly accessible location by sustainable travel modes as set out within the Transport Assessment submitted in support of the extant consent. It is therefore unlikely that the commercial uses would generate significant vehicular traffic associated with patrons.

4.1.5 The following TRICS assessments considers each potential commercial use separately and in isolation. The assessment identifies the largest, smallest and average sized unit within the TRICS data for the town centre selection criteria. This provides a guide on the potential size of units at the site. The multimodal and vehicle traffic generations for each use has been calculated based on the total available commercial floor area of 1,581sqm. This assessment is an absolute worst case for each use classification and without seeking to limit the potential size of any one use on the site. In reality the assessment is unrealistic for the following reasons:

- It is highly unlikely, due to competition, that any one use class would dominate all the available commercial floor space.
- Individual uses would not be split into separate premises at the different locations within Blocks A and B.
- The size of individual uses would be limited to the available floor area at each of the three commercial areas within Blocks A and B.
- The typical size of the uses within the TRICS data are set out in the assessment and are based on existing commercial premises. The areas for these individual uses show that a single operator within an individual use class would not dominate all the available floor area. The potential exception would be a gymnasium, however as set out earlier, it is unlikely that a single operator would be split into separate premises at different locations within Blocks A and B.

4.1.6 It is most likely that the commercial uses at the site would be a complementary mixture of the potential uses to provide an attractive and varied commercial offer that will appeal to the residents at the site and within the local area.

4.1.7 The TRICS assessment indicates the potential vehicle traffic generations for the commercial uses. For the reasons set out at paragraph 4.1.4, it is considered that these traffic generations are unlikely to be realised at this location. The assessment also shows service vehicle generations for each use (where data is available) separated into light and heavy goods vehicles.

4.2 Gymnasium – Use Class D2 (now E(d))

4.2.1 TRICS data for multimodal town centre gymnasiums (private fitness club) is contained at **Appendix C**. The data includes two surveys. The smallest site has a gross floor area of 880sqm and the largest site has a gross floor area of 4,057sqm. The average gross floor area is 2,469sqm.

4.2.2 The total multimodal traffic generations for gymnasium (private fitness club) use at the site based on the total commercial floor area of 1,581sqm is summarised at **Table 1**.

Table 1 – Gymnasium Total Multimodal Traffic Generations for 1,581sqm

Gymnasium (private fitness club)				
Time Period	Pedestrians	Cyclists	Public Transport	Total People
05:00-06:00	0	0	0	0
06:00-07:00	0	0	3	10
07:00-08:00	2	2	10	39
08:00-09:00	2	2	16	58
09:00-10:00	2	2	13	41
10:00-11:00	2	2	11	55
11:00-12:00	1	1	8	51
12:00-13:00	3	3	9	72
13:00-14:00	4	4	7	68
14:00-15:00	1	1	8	54
15:00-16:00	3	3	8	43
16:00-17:00	2	2	11	51
17:00-18:00	3	3	20	76
18:00-19:00	3	3	32	140
19:00-20:00	4	4	28	108
20:00-21:00	2	2	22	82
21:00-22:00	1	1	6	33
22:00-23:00	0	0	0	0
23:00-24:00	0	0	0	0
Total	569	36	211	979
Percentage	58.1%	3.7%	21.6%	100.0%

4.2.3 The TRICS data shows that walking is the principal modal travel choice. This complements the aspirations of the development for the commercial uses to predominantly serve the residential use on the site.

4.2.4 The total vehicle traffic generations for gymnasium (private fitness club) use at the site based on the total commercial floor area of 1,581sqm is summarised at **Table 2**.

Table 2 – Gymnasium Total Vehicle Traffic Generations for 1,581sqm

Gymnasium (private fitness club)			
Time Period	Taxis	Other Vehicles	Total Vehicles
05:00-06:00	0	0	0
06:00-07:00	0	2	2
07:00-08:00	0	8	8
08:00-09:00	0	10	10
09:00-10:00	0	5	5
10:00-11:00	1	11	12
11:00-12:00	0	6	6
12:00-13:00	0	7	7
13:00-14:00	0	4	4

14:00-15:00	1	6	7
15:00-16:00	0	8	8
16:00-17:00	0	9	9
17:00-18:00	0	4	4
18:00-19:00	0	18	18
19:00-20:00	0	20	20
20:00-21:00	0	13	13
21:00-22:00	0	9	9
22:00-23:00	0	0	0
23:00-24:00	0	0	0
Total	1	142	143

4.2.5 Data for service vehicle generations is not separated out within the TRICS data but will be included within the total vehicle generations. In reality it is unlikely that gymnasiums (private fitness clubs) will require significant servicing and delivery requirements and will most likely be limited to refuse collection. Occasional service vehicles could be expected when equipment needs to be replaced. Taxi use is negligible.

4.3 Café – Use Class A3 (now E(b))

4.3.1 TRICS data for multimodal town centre cafes is contained at **Appendix D**. The data includes 5 surveys. The smallest site has a gross floor area of 58sqm and the largest site has a gross floor area of 320sqm. The average gross floor area is 170sqm.

4.3.2 The total multimodal traffic generations for cafe use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 3**.

Table 3 – Cafe Total Multimodal Traffic Generations for 1,581sqm

Cafe				
Time Period	Pedestrians	Cyclists	Public Transport	Total People
05:00-06:00	0	0	0	0
06:00-07:00	0	0	0	0
07:00-08:00	38	0	8	96
08:00-09:00	35	0	19	125
09:00-10:00	143	6	37	324
10:00-11:00	201	2	58	443
11:00-12:00	158	0	50	387
12:00-13:00	199	7	39	402
13:00-14:00	251	4	37	485
14:00-15:00	167	0	26	357
15:00-16:00	154	0	28	311
16:00-17:00	115	0	27	216
17:00-18:00	68	0	16	148
18:00-19:00	55	0	27	136

19:00-20:00	0	0	0	0
20:00-21:00	0	0	0	0
21:00-22:00	0	0	0	0
22:00-23:00	0	0	0	0
23:00-24:00	0	0	0	0
Total	1585	19	373	3429
Percentage	46.2%	0.6%	10.9%	100.0%

4.3.3 The TRICS data shows that walking is the principal modal travel choice. This complements the aspirations of the development for the commercial uses to predominantly serve the residential use on the site.

4.3.4 The total vehicle traffic generations for cafe use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 4**.

Table 4 – Cafe Total Vehicle Traffic Generations for 1,581sqm

Cafe					
Time Period	Light Goods Vehicles	Heavy Goods Vehicles	Taxis	Other Vehicles	Total Vehicles
05:00-06:00	0	0	0	0	0
06:00-07:00	0	0	0	0	0
07:00-08:00	21	8	0	33	63
08:00-09:00	2	0	0	43	45
09:00-10:00	6	4	0	95	104
10:00-11:00	2	0	4	119	125
11:00-12:00	0	0	4	112	115
12:00-13:00	0	0	0	117	117
13:00-14:00	0	0	4	121	125
14:00-15:00	0	4	4	112	119
15:00-16:00	0	0	0	97	97
16:00-17:00	0	0	0	64	64
17:00-18:00	0	0	0	55	55
18:00-19:00	0	0	0	27	27
19:00-20:00	0	0	0	0	0
20:00-21:00	0	0	0	0	0
21:00-22:00	0	0	0	0	0
22:00-23:00	0	0	0	0	0
23:00-24:00	0	0	0	0	0
Total	30	16	15	994	1055

4.3.5 The TRICS data predicts that café use occupying all the available commercial floor area could generate 15 light goods vehicles and 8 heavy goods vehicles per day. The busiest hour for service vehicles is 07.00-08.00 with a total of 29 trips from 15 vehicles. In addition 7/8 taxis could be expected daily.

4.4 Restaurant – Use Class A3 (now E(b))

4.4.1 TRICS data for multimodal town centre restaurants is contained at **Appendix E**. The data includes 4 surveys. The smallest site has a gross floor area of 180sqm and the largest site has a gross floor area of 1,300sqm. The average gross floor area is 593sqm.

4.4.2 The total multimodal traffic generations for restaurant use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 5**.

Table 5 – Restaurant Total Multimodal Traffic Generations for 1,581sqm

Restaurant				
Time Period	Pedestrians	Cyclists	Public Transport	Total People
05:00-06:00	0	0	0	0
06:00-07:00	0	0	0	0
07:00-08:00	0	0	0	0
08:00-09:00	0	0	0	0
09:00-10:00	0	0	0	0
10:00-11:00	6	0	3	12
11:00-12:00	7	1	2	16
12:00-13:00	41	0	11	78
13:00-14:00	54	2	12	142
14:00-15:00	65	2	20	135
15:00-16:00	68	0	13	117
16:00-17:00	50	1	5	73
17:00-18:00	47	0	15	117
18:00-19:00	63	1	35	217
19:00-20:00	91	0	45	250
20:00-21:00	49	0	31	163
21:00-22:00	48	0	37	135
22:00-23:00	46	0	15	83
23:00-24:00	5	0	2	11
Total	641	6	244	1549
Percentage	41.4%	0.4%	15.8%	100.0%

4.4.3 The TRICS data shows that walking is the principal modal travel choice. This complements the aspirations of the development for the commercial uses to predominantly serve the residential use on the site.

4.4.4 The total vehicle traffic generations for restaurant use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 6**.

Table 6 – Restaurant Total Vehicle Traffic Generations for 1,581sqm

Restaurant					
Time Period	Light Goods Vehicles	Heavy Goods Vehicles	Taxis	Other Vehicles	Total Vehicles
05:00-06:00	0	-	0	0	0
06:00-07:00	0	-	0	0	0
07:00-08:00	0	-	0	0	0
08:00-09:00	0	-	0	0	0
09:00-10:00	0	-	0	0	0
10:00-11:00	0	-	0	3	3
11:00-12:00	0	-	0	6	6
12:00-13:00	2	-	3	14	17
13:00-14:00	0	-	2	41	43
14:00-15:00	2	-	3	21	25
15:00-16:00	0	-	2	19	21
16:00-17:00	0	-	1	11	12
17:00-18:00	0	-	3	27	28
18:00-19:00	0	-	13	51	63
19:00-20:00	0	-	8	55	61
20:00-21:00	0	-	4	41	45
21:00-22:00	0	-	1	31	33
22:00-23:00	0	-	0	13	13
23:00-24:00	0	-	0	4	4
Total	3	Data unavailable	40	335	373

4.4.5 Data for large service vehicle generations is not separated out within the TRICS data but will be included within the total vehicle generations. In reality it is unlikely that restaurants will require significant servicing and delivery requirements and most likely limited to refuse collection. Deliveries of daily produce is most likely by light goods vehicles and the TRICS data indicates that 1 or 2 vehicles could be expected per day. The service vehicle requirements for restaurants is less than for cafes when considering the same floor area.

4.4.6 The data shows that 20 taxis could be expected per day. This is more than double that which could be expected for café use when considering the same floor area.

4.5 Convenience Store – Use Class E(a)

4.5.1 The proposed flexible uses includes café/restaurant/gym uses. The additional uses comprise retail and professional services such as hairdressing. In terms of traffic generation, TRICS data shows that food retail use has highest total people trip rates when compared to all the other proposed uses, and therefore can be considered worst case. Considering what type of food retail use may be attracted to the development site, the largest floor area available to an individual retail user at the site is 896sqm. This is smaller than the floor area used by discount food stores and therefore this use has been discounted. An alternative food retail use is convenience stores such as supermarket local stores. TRICS data for multimodal town centre convenience stores is contained at **Appendix F**. The data includes 6 surveys. The smallest site has a gross floor area of 300sqm and the largest site has a gross floor area of 550sqm. The average gross floor area is 344sqm. A local convenience store would suit the site location with a large residential population located within the site and local area.

4.5.2 The total multimodal traffic generations for convenience retail use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 7**.

Table 7 – Convenience Retail Total Multimodal Traffic Generations for 1,581sqm

Convenience Store				
Time Period	Pedestrians	Cyclists	Public Transport	Total People
05:00-06:00	0	0	13	17
06:00-07:00	123	8	72	230
07:00-08:00	390	5	205	646
08:00-09:00	541	17	244	845
09:00-10:00	711	15	172	962
10:00-11:00	655	12	111	844
11:00-12:00	746	3	132	942
12:00-13:00	1568	13	117	1762
13:00-14:00	1694	8	116	1874
14:00-15:00	1109	7	83	1239
15:00-16:00	1024	12	173	1263
16:00-17:00	1013	13	224	1307
17:00-18:00	1060	10	231	1331
18:00-19:00	1045	10	305	1409
19:00-20:00	853	6	217	1117
20:00-21:00	710	15	126	921
21:00-22:00	717	4	73	831
22:00-23:00	621	3	39	723
23:00-24:00	8	0	12	24
Total	14590	162	2664	18287
Percentage	79.8%	0.9%	14.6%	100.0%

4.5.3 The TRICS data shows that walking is by far the most dominant modal travel choice at about 80%. This greatly complements the aspirations of the development for the commercial uses to principally serve the residential use on the site. Whilst the number of trips is comparatively high compared with the other potential uses, it should be recognised that these trips will be local with a large proportion linked to trips already being undertaken by residents at the site and in the locality. Providing local facilities creates more choice for residents and potentially reduces the distance that people need to travel to access facilities, and in this case convenience shopping, which otherwise may involve a vehicle journey.

4.5.4 The total vehicle traffic generations for convenience retail use at the site based on the total available commercial floor area of 1,581sqm is summarised at **Table 8**.

Table 8 – Convenience Retail Total Vehicle Traffic Generations for 1,581sqm

Convenience Store					
Time Period	Light Goods Vehicles	Heavy Goods Vehicles	Taxis	Other Vehicles	Total Vehicles
05:00-06:00	0	0	0	3	3
06:00-07:00	8	3	0	12	24
07:00-08:00	8	5	2	33	47
08:00-09:00	14	2	2	24	41
09:00-10:00	12	2	8	38	60
10:00-11:00	12	5	5	36	57
11:00-12:00	14	2	6	33	54
12:00-13:00	17	1	5	35	57
13:00-14:00	13	0	9	30	52
14:00-15:00	5	0	5	24	34
15:00-16:00	9	0	8	31	48
16:00-17:00	8	2	3	35	47
17:00-18:00	6	2	0	21	28
18:00-19:00	7	2	2	30	40
19:00-20:00	5	0	6	23	34
20:00-21:00	6	0	15	40	61
21:00-22:00	3	0	3	24	30
22:00-23:00	3	0	10	27	40
23:00-24:00	0	0	0	3	3
Total	150	23	87	502	762

4.5.5 The TRICS data predicts that convenience retail use occupying all the available commercial floor area could generate 75 light goods vehicles and 12 heavy goods vehicles per day. Within the detail of the service vehicle generations, the data shows that these are spread throughout the day with the busiest hour being 12.00-13.00 with 18 trips from 9 vehicles, the majority of which are light goods vehicles. This peak servicing demand is less than the potential peak impact from café use when considering the same floor area.

- 4.5.6 The high level of taxi use in this location is unlikely to be realised for a local convenience retail facility serving a local residential population.

4.6 Professional Services (i.e. hairdressers) – Use Class E(c)

- 4.6.1 The TRICS database does not include surveys of individual sites within the land use category E(c) Professional Services. A practical review of this type of use suggests that the traffic impact is generally within core retail hours and with limited generations and negligible servicing requirements, when compared to the other uses previously assessed. It is therefore considered that this use will have least the transport impact of the uses assessed.

5. Summary and Conclusions

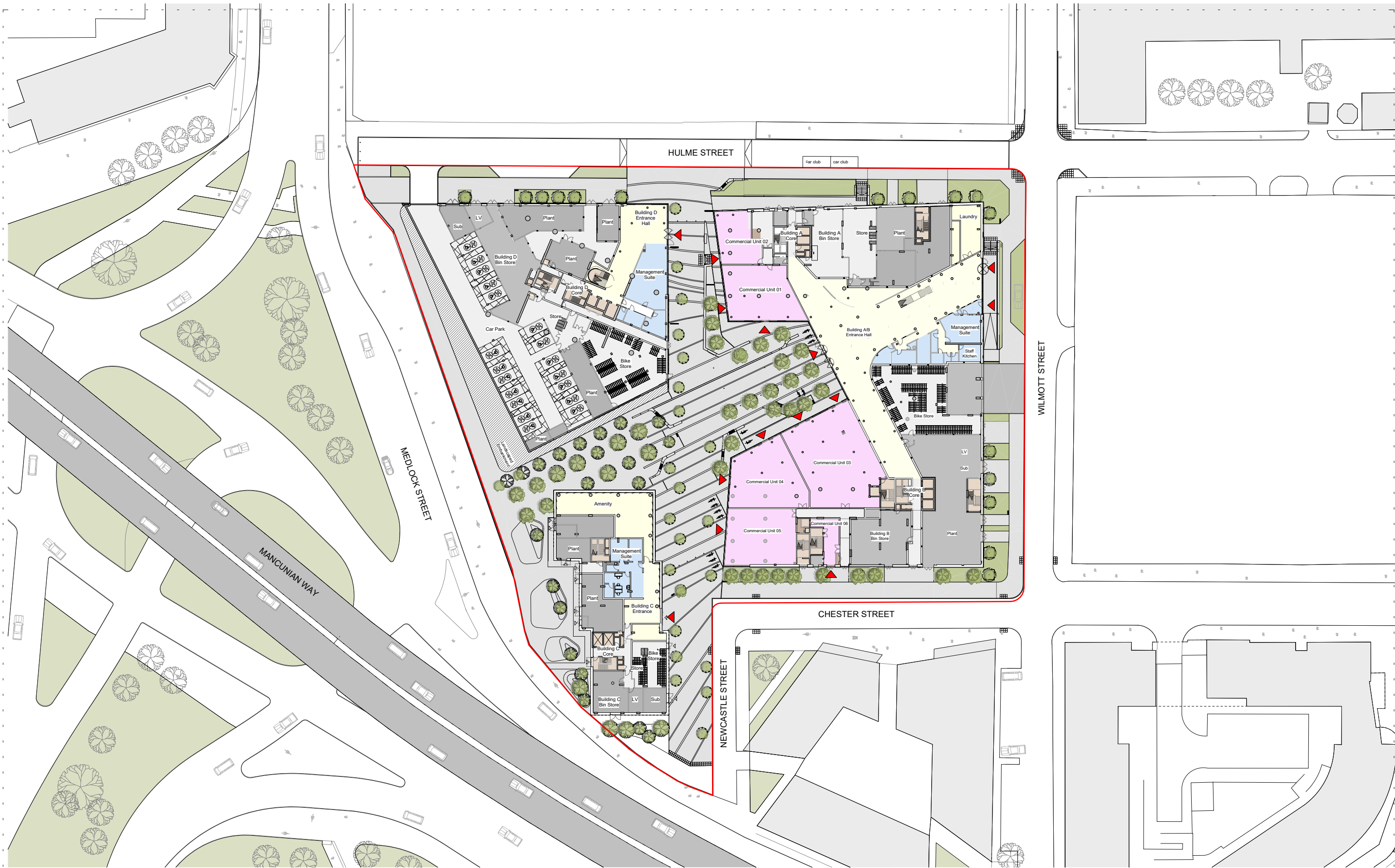
- 5.1 Sanderson Associates Consulting Engineers have been appointed by Downing Living (Manchester) Limited Partnership Inc. to prepare a Transport Note in support of a drop-in planning application relating to the commercial units on the application site.
- 5.2 The site is a brown field site with a recent planning history and has extant consent for residential use. Planning permission reference 125573/FO/2019 was granted in March 2021 for the construction of four buildings (A, B, C and D) of heights varying from 10 storeys to 45 storeys together comprising Co-living bedspaces (use class sui generis) and associated amenity facilities including ground floor commercial units (Use classes A3 (Café / Restaurant) and D2 (Gym)). Blocks A, B and D are under construction which commenced on 30 March 2022.
- 5.3 The drop in planning application relates to the commercial units within the ground floor and first floor of Blocks A and B. These units (measuring 1,581 sq. m.) currently have consent to operate as a café (Use Class A3 (now E(b))) and gym (Use Class D2 (now E(d))). Downing want to open this up, so that they can operate more flexibly under:
- Use Class E(a) – retail
 - Use Class E(b) – café
 - Use Class E(c) – professional services (i.e. hairdressers)
 - Use Class E(d) – gym
- 5.4 The consented A3 and D2 commercial space on the site now come under use class E. The flexible uses sought by Downing are all land use class E and therefore are acceptable alternative uses in planning terms.
- 5.5 The commercial space is split into 3 locations with the total gross floor area effectively limiting the maximum size of any particular use within these areas.
- | | |
|--|----------|
| • Block A Ground Floor Total Commercial Gross Floor Area | 325sqm |
| • Block B Ground Floor Total Commercial Gross Floor Area | 896sqm |
| • Block B First Floor Total Commercial Gross Floor Area | 360sqm |
| • Total Commercial Gross Floor Area | 1,581sqm |
- 5.6 An assessment of the multimodal and service vehicle trip generation for each potential commercial use has been undertaken separately and in isolation. The multimodal and vehicle traffic generations for each use have been calculated based on the total available commercial floor area of 1,581sqm. This assessment is an absolute worst case for each use classification and without seeking to limit the potential size of any one use on the site. In reality it is highly unlikely that any one use class would dominate all the available commercial floor space at the site. It is most likely that the commercial uses at the site would be a complementary mixture of the potential uses to provide an attractive and varied commercial offer that will appeal to the residents at the site.

- 5.7 The development is a predominantly motorised vehicle free scheme (except for mobility spaces) and no parking is being provided on site for the commercial uses and with no alternative free parking available within the vicinity of the site. Therefore the predicted vehicle traffic generations associated with the proposed commercial uses are unlikely to be realised at this location.
- 5.8 The assessments undertaken demonstrate that walking is the principal modal travel choice for all the proposed commercial uses. This complements the aspirations of the development for the commercial uses to predominantly serve the residential use on the site. These trips will be local with a large proportion linked to trips already being undertaken by residents at the site and in the locality. Providing local facilities creates more choice for residents and potentially reduces the distance that people need to travel to access facilities, which otherwise may involve a vehicle journey.
- 5.9 The assessments undertaken identify the worst case service delivery traffic generations for each use class. Convenience retail has the greatest daily service vehicle demand when compared to the other proposed uses, however this demand is spread throughout the day and is no worse at peak times than could occur from other uses, already considered acceptable at the site, when considering the same floor area.
- 5.10 This Transport Note demonstrates that the drop in planning application proposals, which seek to provide greater flexibility within the commercial element of the scheme, would not have an adverse impact in transport terms when compared to the commercial uses already considered acceptable at the site, consequently, the planning application should be supported on transport grounds.



Appendix A

Development Floor Plans



Planning boundary

Co-living Apartments

1 Bed Apartment

2 Bed Apartment

Studio Apartment

Amenity/ Circulation

3 Bed Apartment

4 Bed Apartment

5 Bed Apartment

Amenity/ Circulation

Core

Amenity/Entrance

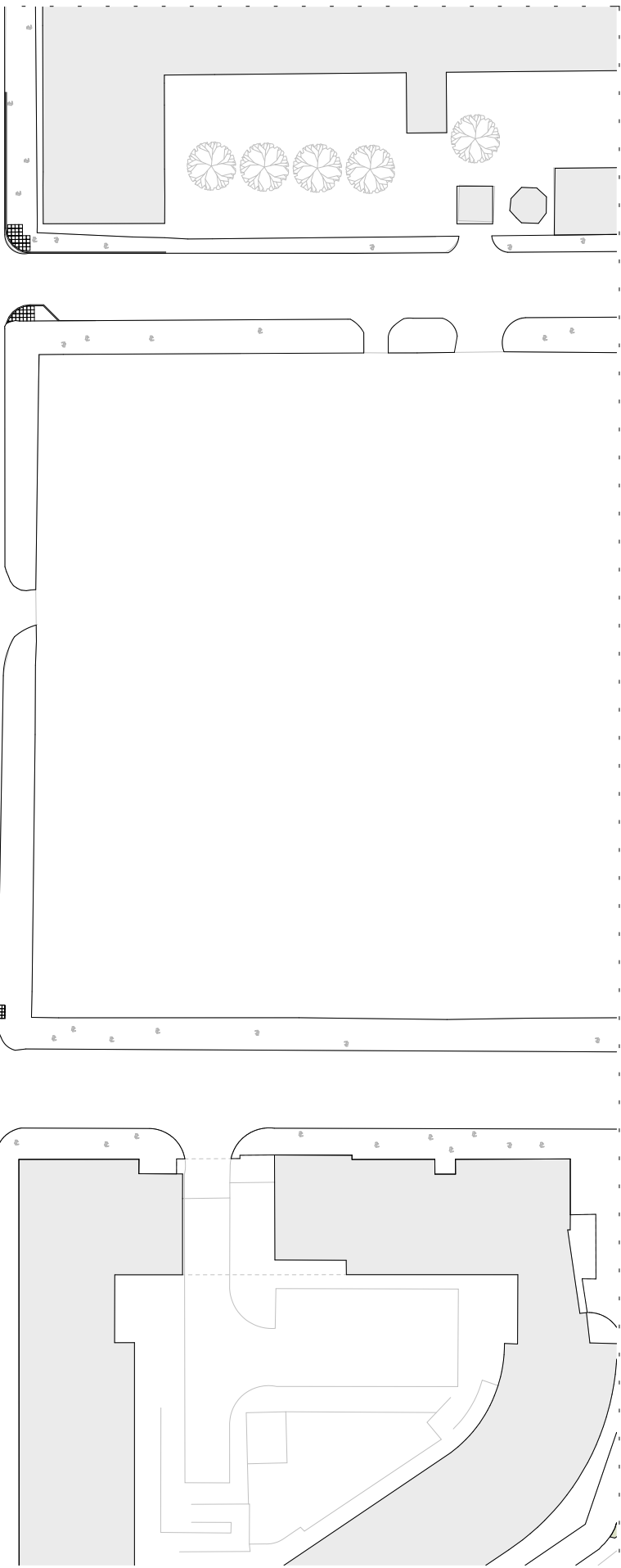
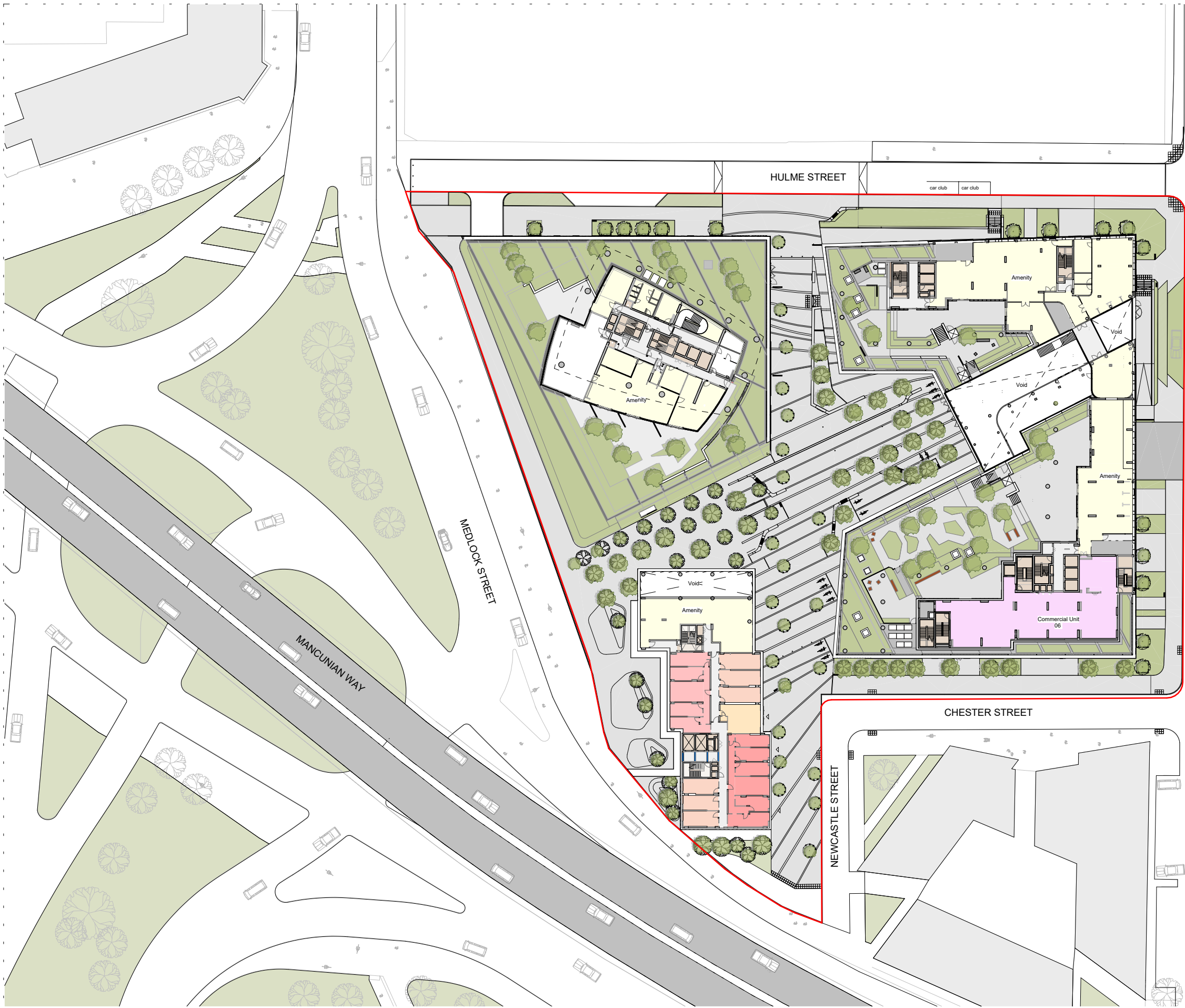
Retail/Restaurant

Storage/Parking/Corridor

Office/Study

Plant/BOH

First Street South	10266-Z0-A-G100-PL-00-99001		simpsonhaugh Manchester +44 (0)161 835 2345 London +44 (0)20 7549 4000
PLANNING	October 2023	P03	
GA Site Plan - Ground Floor Plan	10266	1 : 750@ A3	

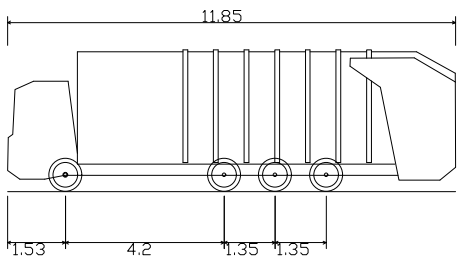
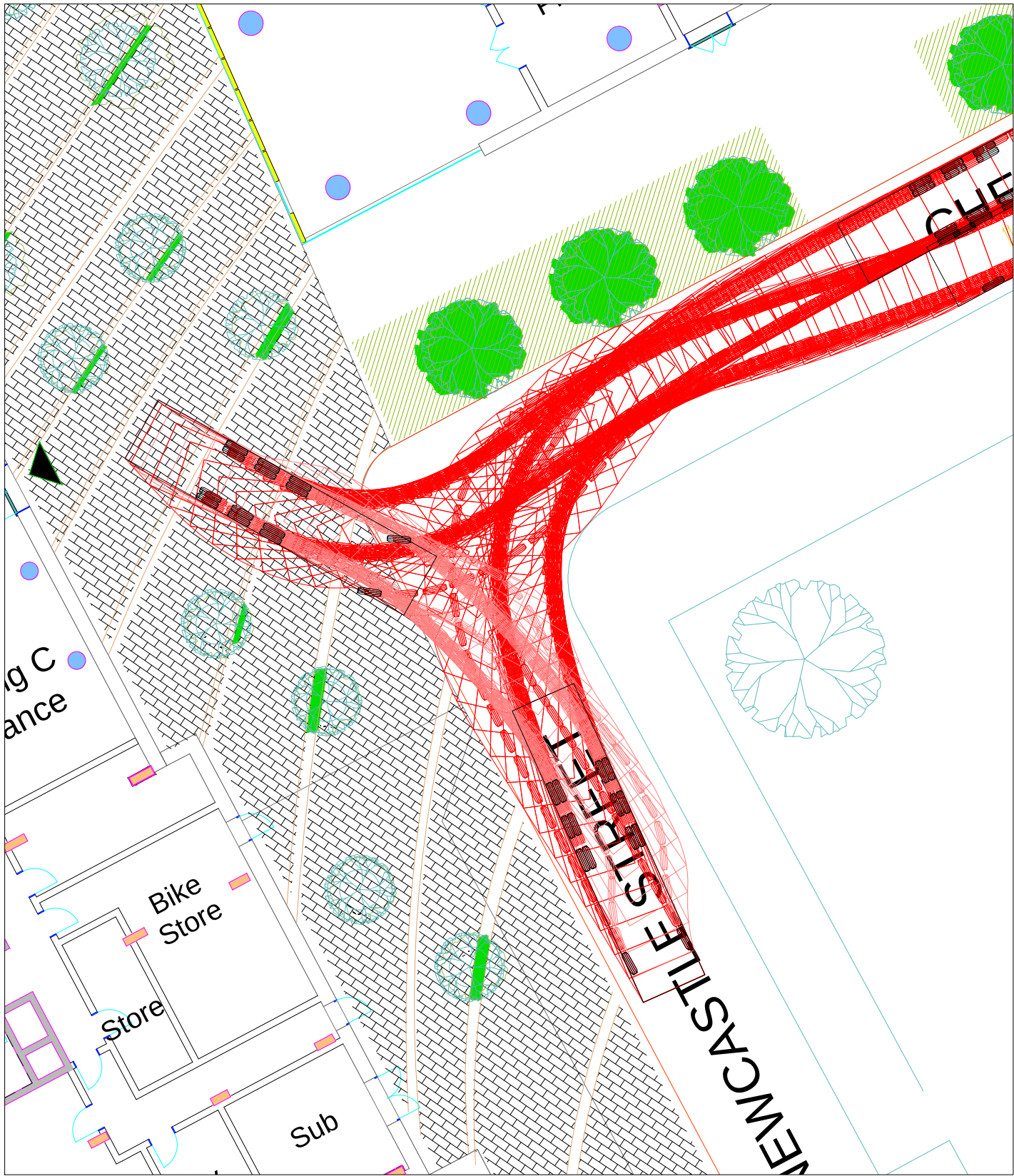


Planning boundary	Co-living Apartments		Amenity/ Circulation			First Street South		10266-Z0-A-G100-PL-01-99001			
	1 Bed Apartment	3 Bed Apartment	Core	Storage/Parking/Corridor		PLANNING		October 2023	P03		
	2 Bed Apartment	4 Bed Apartment	Amenity/Entrance	Office/Study		GA Site Plan - First Floor Plan		10266	1 : 750@ A3		
	Studio Apartment	5 Bed Apartment	Retail/Restaurant	Plant/BOH						Manchester +44 (0)161 835 2345	London +44 (0)20 7549 4000

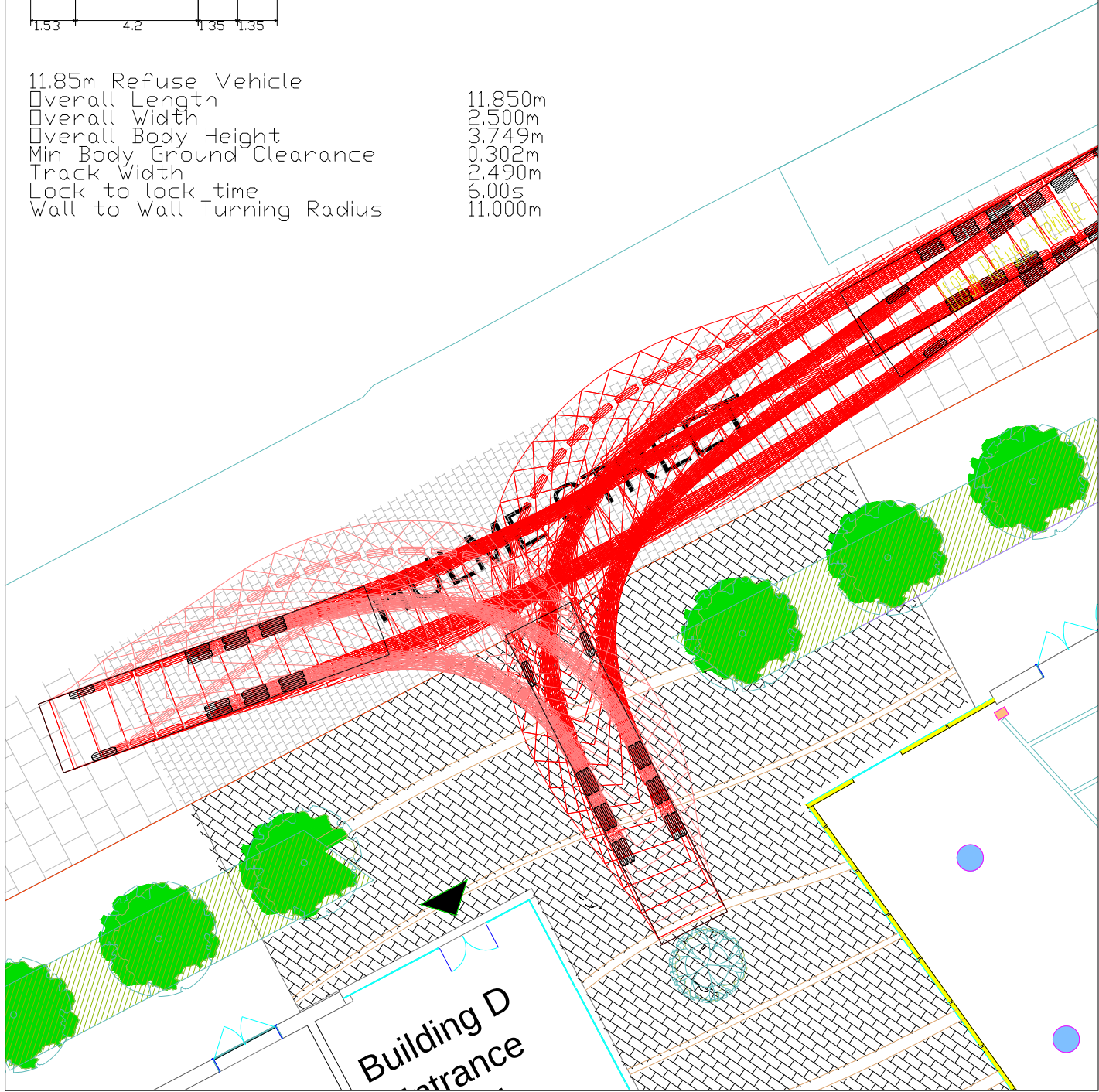


Appendix B

Refuse Vehicle Tracking



11.85m Refuse Vehicle	
Overall Length	11.850m
Overall Width	2.500m
Overall Body Height	3.749m
Min Body Ground Clearance	0.302m
Track Width	2.490m
Lock to lock time	6.00s
Wall to Wall Turning Radius	11.000m



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First Street, Manchester

Swept Path of 11.85m Refuse Vehicle

Rev	Amendment	Drawn	Date	Checked	Scale 1:200	Drawn By BL
					Drawing Size A3	Checked By SB
					Date March 2020	Approved By SB
					Drawing Number 11123-004	Rev

FILE REF:

© Sanderson Associates (Consulting Engineers) Ltd.



Appendix C

TRICS: Town Centre Fitness Club (Private)

Calculation Reference: AUDIT-109307-231116-1115

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
Category : K - FITNESS CLUB (PRIVATE)
MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	HG HARINGEY	1 days
	HM HAMMERSMITH AND FULHAM	1 days

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

Primary 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: 880 to 4057 (units: sqm)
 Range Selected by User: 204 to 13856 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 19/11/22

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

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

Selected survey types:

Manual count 2 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:

Town Centre 2

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

Selected Location Sub Categories:

Retail Zone 1
 Built-Up 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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included X days - Selected
 Servicing vehicles Excluded 2 days - Selected

Secondary Filtering selection:

Use Class:

n/a 1 days
 E(d) 1 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:
50,001 to 100,000 2 days

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

Population within 5 miles:
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:
0.5 or Less 2 days

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

Travel Plan:
No 2 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 2 days

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

LIST OF SITES relevant to selection parameters

1	HG-07-K-01 GREEN LANES HARRINGAY	FITNESS FIRST		HARINGEY
	Town Centre Retail Zone			
	Total Gross floor area:	880 sqm		
	Survey date: TUESDAY	04/11/08	Survey Type: MANUAL	
2	HM-07-K-01 HAMMERSMITH ROAD HAMMERSMITH	VIRGIN ACTIVE		HAMMERSMITH AND FULHAM
	Town Centre Built-Up Zone			
	Total Gross floor area:	4057 sqm		
	Survey date: WEDNESDAY	22/10/08	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 07 - LEISURE/K - FITNESS CLUB (PRIVATE)

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

Estimated TRIP rate value per 1581 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 6.84

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.122	1.921	2	2469	0.000	0.000	2	2469	0.122	1.921
07:00 - 08:00	2	2469	0.365	5.764	2	2469	0.122	1.921	2	2469	0.487	7.685
08:00 - 09:00	2	2469	0.162	2.562	2	2469	0.486	7.686	2	2469	0.648	10.248
09:00 - 10:00	2	2469	0.203	3.202	2	2469	0.101	1.601	2	2469	0.304	4.803
10:00 - 11:00	2	2469	0.405	6.405	2	2469	0.365	5.764	2	2469	0.770	12.169
11:00 - 12:00	2	2469	0.182	2.882	2	2469	0.223	3.523	2	2469	0.405	6.405
12:00 - 13:00	2	2469	0.304	4.804	2	2469	0.162	2.562	2	2469	0.466	7.366
13:00 - 14:00	2	2469	0.142	2.242	2	2469	0.122	1.921	2	2469	0.264	4.163
14:00 - 15:00	2	2469	0.243	3.843	2	2469	0.223	3.523	2	2469	0.466	7.366
15:00 - 16:00	2	2469	0.263	4.163	2	2469	0.263	4.163	2	2469	0.526	8.326
16:00 - 17:00	2	2469	0.243	3.843	2	2469	0.344	5.444	2	2469	0.587	9.287
17:00 - 18:00	2	2469	0.162	2.562	2	2469	0.081	1.281	2	2469	0.243	3.843
18:00 - 19:00	2	2469	0.790	12.489	2	2469	0.365	5.764	2	2469	1.155	18.253
19:00 - 20:00	2	2469	0.587	9.287	2	2469	0.648	10.248	2	2469	1.235	19.535
20:00 - 21:00	2	2469	0.223	3.523	2	2469	0.587	9.287	2	2469	0.810	12.810
21:00 - 22:00	2	2469	0.081	1.281	2	2469	0.486	7.686	2	2469	0.567	8.967
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			4.477	70.773			4.578	72.374			9.055	143.147

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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Parameter summary

Trip rate parameter range selected:	880 - 4057 (units: sqm)
Survey date date range:	01/01/01 - 19/11/22
Number of weekdays (Monday-Friday):	2
Number of Saturdays:	0
Number of Sundays:	0
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.

TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

Estimated TRIP rate value per 1581 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
07:00 - 08:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
08:00 - 09:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
09:00 - 10:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
10:00 - 11:00	2	2469	0.020	0.320	2	2469	0.020	0.320	2	2469	0.040	0.640
11:00 - 12:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
12:00 - 13:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
13:00 - 14:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
14:00 - 15:00	2	2469	0.020	0.320	2	2469	0.020	0.320	2	2469	0.040	0.640
15:00 - 16:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
16:00 - 17:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
17:00 - 18:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
18:00 - 19:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
19:00 - 20:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
20:00 - 21:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
21:00 - 22:00	2	2469	0.000	0.000	2	2469	0.000	0.000	2	2469	0.000	0.000
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.040	0.640			0.040	0.640			0.080	1.280

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.

TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)
MULTI-MODAL CYCLISTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.020	0.320	2	2469	0.000	0.000	2	2469	0.020	0.320
07:00 - 08:00	2	2469	0.101	1.601	2	2469	0.020	0.320	2	2469	0.121	1.921
08:00 - 09:00	2	2469	0.061	0.961	2	2469	0.061	0.961	2	2469	0.122	1.922
09:00 - 10:00	2	2469	0.061	0.961	2	2469	0.081	1.281	2	2469	0.142	2.242
10:00 - 11:00	2	2469	0.081	1.281	2	2469	0.041	0.640	2	2469	0.122	1.921
11:00 - 12:00	2	2469	0.041	0.640	2	2469	0.020	0.320	2	2469	0.061	0.960
12:00 - 13:00	2	2469	0.081	1.281	2	2469	0.101	1.601	2	2469	0.182	2.882
13:00 - 14:00	2	2469	0.081	1.281	2	2469	0.162	2.562	2	2469	0.243	3.843
14:00 - 15:00	2	2469	0.041	0.640	2	2469	0.041	0.640	2	2469	0.082	1.280
15:00 - 16:00	2	2469	0.081	1.281	2	2469	0.101	1.601	2	2469	0.182	2.882
16:00 - 17:00	2	2469	0.101	1.601	2	2469	0.041	0.640	2	2469	0.142	2.241
17:00 - 18:00	2	2469	0.122	1.921	2	2469	0.061	0.961	2	2469	0.183	2.882
18:00 - 19:00	2	2469	0.061	0.961	2	2469	0.142	2.242	2	2469	0.203	3.203
19:00 - 20:00	2	2469	0.101	1.601	2	2469	0.142	2.242	2	2469	0.243	3.843
20:00 - 21:00	2	2469	0.061	0.961	2	2469	0.061	0.961	2	2469	0.122	1.922
21:00 - 22:00	2	2469	0.020	0.320	2	2469	0.061	0.961	2	2469	0.081	1.281
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			1.115	17.612			1.136	17.933			2.251	35.545

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.

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TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)
 MULTI-MODAL VEHICLE OCCUPANTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.122	1.921	2	2469	0.000	0.000	2	2469	0.122	1.921
07:00 - 08:00	2	2469	0.385	6.084	2	2469	0.122	1.921	2	2469	0.507	8.005
08:00 - 09:00	2	2469	0.182	2.882	2	2469	0.547	8.646	2	2469	0.729	11.528
09:00 - 10:00	2	2469	0.223	3.523	2	2469	0.101	1.601	2	2469	0.324	5.124
10:00 - 11:00	2	2469	0.425	6.725	2	2469	0.405	6.405	2	2469	0.830	13.130
11:00 - 12:00	2	2469	0.223	3.523	2	2469	0.223	3.523	2	2469	0.446	7.046
12:00 - 13:00	2	2469	0.324	5.124	2	2469	0.182	2.882	2	2469	0.506	8.006
13:00 - 14:00	2	2469	0.142	2.242	2	2469	0.122	1.921	2	2469	0.264	4.163
14:00 - 15:00	2	2469	0.263	4.163	2	2469	0.263	4.163	2	2469	0.526	8.326
15:00 - 16:00	2	2469	0.263	4.163	2	2469	0.284	4.483	2	2469	0.547	8.646
16:00 - 17:00	2	2469	0.344	5.444	2	2469	0.446	7.045	2	2469	0.790	12.489
17:00 - 18:00	2	2469	0.162	2.562	2	2469	0.081	1.281	2	2469	0.243	3.843
18:00 - 19:00	2	2469	0.891	14.090	2	2469	0.425	6.725	2	2469	1.316	20.815
19:00 - 20:00	2	2469	0.729	11.528	2	2469	0.749	11.849	2	2469	1.478	23.377
20:00 - 21:00	2	2469	0.284	4.483	2	2469	0.689	10.888	2	2469	0.973	15.371
21:00 - 22:00	2	2469	0.122	1.921	2	2469	0.587	9.287	2	2469	0.709	11.208
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			5.084	80.378			5.226	82.620			10.310	162.998

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.

TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.263	4.163	2	2469	0.000	0.000	2	2469	0.263	4.163
07:00 - 08:00	2	2469	0.668	10.568	2	2469	0.587	9.287	2	2469	1.255	19.855
08:00 - 09:00	2	2469	0.851	13.450	2	2469	0.952	15.051	2	2469	1.803	28.501
09:00 - 10:00	2	2469	0.689	10.888	2	2469	0.608	9.607	2	2469	1.297	20.495
10:00 - 11:00	2	2469	1.033	16.332	2	2469	0.810	12.809	2	2469	1.843	29.141
11:00 - 12:00	2	2469	1.236	19.534	2	2469	0.932	14.731	2	2469	2.168	34.265
12:00 - 13:00	2	2469	1.803	28.501	2	2469	1.479	23.377	2	2469	3.282	51.878
13:00 - 14:00	2	2469	1.519	24.018	2	2469	1.803	28.501	2	2469	3.322	52.519
14:00 - 15:00	2	2469	0.668	10.568	2	2469	1.661	26.259	2	2469	2.329	36.827
15:00 - 16:00	2	2469	0.790	12.489	2	2469	0.668	10.568	2	2469	1.458	23.057
16:00 - 17:00	2	2469	0.952	15.051	2	2469	0.648	10.248	2	2469	1.600	25.299
17:00 - 18:00	2	2469	2.228	35.226	2	2469	0.851	13.450	2	2469	3.079	48.676
18:00 - 19:00	2	2469	3.140	49.636	2	2469	2.188	34.585	2	2469	5.328	84.221
19:00 - 20:00	2	2469	1.377	21.776	2	2469	2.005	31.703	2	2469	3.382	53.479
20:00 - 21:00	2	2469	0.689	10.888	2	2469	2.005	31.703	2	2469	2.694	42.591
21:00 - 22:00	2	2469	0.182	2.882	2	2469	0.729	11.528	2	2469	0.911	14.410
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			18.088	285.970			17.926	283.407			36.014	569.377

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.

TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)
MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.203	3.202	2	2469	0.000	0.000	2	2469	0.203	3.202
07:00 - 08:00	2	2469	0.446	7.045	2	2469	0.162	2.562	2	2469	0.608	9.607
08:00 - 09:00	2	2469	0.344	5.444	2	2469	0.648	10.248	2	2469	0.992	15.692
09:00 - 10:00	2	2469	0.466	7.365	2	2469	0.365	5.764	2	2469	0.831	13.129
10:00 - 11:00	2	2469	0.405	6.405	2	2469	0.304	4.804	2	2469	0.709	11.209
11:00 - 12:00	2	2469	0.243	3.843	2	2469	0.284	4.483	2	2469	0.527	8.326
12:00 - 13:00	2	2469	0.344	5.444	2	2469	0.243	3.843	2	2469	0.587	9.287
13:00 - 14:00	2	2469	0.142	2.242	2	2469	0.304	4.804	2	2469	0.446	7.046
14:00 - 15:00	2	2469	0.203	3.202	2	2469	0.284	4.483	2	2469	0.487	7.685
15:00 - 16:00	2	2469	0.324	5.124	2	2469	0.182	2.882	2	2469	0.506	8.006
16:00 - 17:00	2	2469	0.425	6.725	2	2469	0.263	4.163	2	2469	0.688	10.888
17:00 - 18:00	2	2469	0.911	14.411	2	2469	0.365	5.764	2	2469	1.276	20.175
18:00 - 19:00	2	2469	1.236	19.534	2	2469	0.770	12.169	2	2469	2.006	31.703
19:00 - 20:00	2	2469	0.608	9.607	2	2469	1.134	17.933	2	2469	1.742	27.540
20:00 - 21:00	2	2469	0.243	3.843	2	2469	1.134	17.933	2	2469	1.377	21.776
21:00 - 22:00	2	2469	0.101	1.601	2	2469	0.284	4.483	2	2469	0.385	6.084
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			6.644	105.037			6.726	106.318			13.370	211.355

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.*

TRIP RATE for Land Use 07 - LEISURE/K - FITNESS CLUB (PRIVATE)
MULTI-MODAL TOTAL PEOPLE
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 6.84

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	2469	0.608	9.607	2	2469	0.000	0.000	2	2469	0.608	9.607
07:00 - 08:00	2	2469	1.600	25.299	2	2469	0.891	14.090	2	2469	2.491	39.389
08:00 - 09:00	2	2469	1.438	22.737	2	2469	2.208	34.906	2	2469	3.646	57.643
09:00 - 10:00	2	2469	1.438	22.737	2	2469	1.155	18.253	2	2469	2.593	40.990
10:00 - 11:00	2	2469	1.945	30.743	2	2469	1.560	24.658	2	2469	3.505	55.401
11:00 - 12:00	2	2469	1.742	27.540	2	2469	1.458	23.057	2	2469	3.200	50.597
12:00 - 13:00	2	2469	2.552	40.350	2	2469	2.005	31.703	2	2469	4.557	72.053
13:00 - 14:00	2	2469	1.884	29.782	2	2469	2.390	37.788	2	2469	4.274	67.570
14:00 - 15:00	2	2469	1.175	18.574	2	2469	2.248	35.546	2	2469	3.423	54.120
15:00 - 16:00	2	2469	1.458	23.057	2	2469	1.236	19.534	2	2469	2.694	42.591
16:00 - 17:00	2	2469	1.823	28.821	2	2469	1.398	22.096	2	2469	3.221	50.917
17:00 - 18:00	2	2469	3.423	54.120	2	2469	1.357	21.456	2	2469	4.780	75.576
18:00 - 19:00	2	2469	5.327	84.222	2	2469	3.524	55.721	2	2469	8.851	139.943
19:00 - 20:00	2	2469	2.815	44.513	2	2469	4.031	63.727	2	2469	6.846	108.240
20:00 - 21:00	2	2469	1.276	20.175	2	2469	3.889	61.485	2	2469	5.165	81.660
21:00 - 22:00	2	2469	0.425	6.725	2	2469	1.661	26.259	2	2469	2.086	32.984
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			30.929	489.002			31.011	490.279			61.940	979.281

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.*



Appendix D

TRICS: Town Centre Café

Calculation Reference: AUDIT-109307-231116-1154

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK
Category : K - CAFE
MULTI-MODAL TOTAL VEHICLES

<u>Selected regions and areas:</u>		
01	GREATER LONDON	
	HG HARINGEY	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
14	LEINSTER	
	WC WICKLOW	1 days

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

Primary 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:	58 to 320 (units: sqm)
Range Selected by User:	58 to 320 (units: sqm)

Parking Spaces Range:	All Surveys Included
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Public Transport Provision:

Selection by:	Include all surveys
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Date Range:	01/01/15 to 25/11/22
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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	3 days
Wednesday	1 days
Friday	1 days

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

Selected survey types:

Manual count	5 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:

Town Centre	5
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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:

Built-Up Zone	3
High Street	2

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	5 days - Selected
Servicing vehicles Excluded	X days - Selected

Secondary Filtering selection:

Use Class:

E(b)	5 days
------	--------

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

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

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

Population within 5 miles:

5,001 to 25,000	1 days
50,001 to 75,000	1 days
125,001 to 250,000	1 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	3 days
1.1 to 1.5	2 days

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

Travel Plan:

No	5 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
4 Good	1 days

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

LIST OF SITES relevant to selection parameters

1	GM-06-K-01	CAFÉ		GREATER MANCHESTER
	DEANS GATE			
	MANCHESTER			
	Town Centre			
	Built-Up Zone			
	Total Gross floor area:	200 sqm		
	Survey date: TUESDAY	19/04/22	Survey Type: MANUAL	
2	HG-06-K-01	CAFÉ		HARINGEY
	MUSWELL HILL BROADWAY			
	MUSWELL HILL			
	Town Centre			
	High Street			
	Total Gross floor area:	58 sqm		
	Survey date: FRIDAY	10/06/22	Survey Type: MANUAL	
3	LN-06-K-01	CAFÉ & TEA ROOM		LINCOLNSHIRE
	RED LION SQUARE			
	STAMFORD			
	Town Centre			
	Built-Up Zone			
	Total Gross floor area:	190 sqm		
	Survey date: TUESDAY	12/10/21	Survey Type: MANUAL	
4	NF-06-K-01	CAFÉ		NORFOLK
	SAINT GILES STREET			
	NORWICH			
	Town Centre			
	Built-Up Zone			
	Total Gross floor area:	82 sqm		
	Survey date: TUESDAY	20/09/22	Survey Type: MANUAL	
5	WC-06-K-01	CAFÉ		WICKLOW
	FITZWILLIAM SQUARE			
	WICKLOW			
	Town Centre			
	High Street			
	Total Gross floor area:	320 sqm		
	Survey date: WEDNESDAY	16/11/22	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 06 - HOTEL, FOOD & DRINK/K - CAFE
MULTI-MODAL TOTAL VEHICLES
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 3.28

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	2.381	37.643	2	189	1.587	25.095	2	189	3.968	62.738
08:00 - 09:00	5	170	1.647	26.040	5	170	1.176	18.600	5	170	2.823	44.640
09:00 - 10:00	5	170	3.765	59.520	5	170	2.824	44.640	5	170	6.589	104.160
10:00 - 11:00	5	170	3.765	59.520	5	170	4.118	65.100	5	170	7.883	124.620
11:00 - 12:00	5	170	3.765	59.520	5	170	3.529	55.800	5	170	7.294	115.320
12:00 - 13:00	5	170	3.647	57.660	5	170	3.765	59.520	5	170	7.412	117.180
13:00 - 14:00	5	170	3.882	61.380	5	170	4.000	63.240	5	170	7.882	124.620
14:00 - 15:00	5	170	3.647	57.660	5	170	3.882	61.380	5	170	7.529	119.040
15:00 - 16:00	5	170	2.824	44.640	5	170	3.294	52.080	5	170	6.118	96.720
16:00 - 17:00	4	192	1.953	30.879	4	192	2.083	32.938	4	192	4.036	63.817
17:00 - 18:00	3	193	1.557	24.618	3	193	1.903	30.088	3	193	3.460	54.706
18:00 - 19:00	1	58	0.000	0.000	1	58	1.724	27.259	1	58	1.724	27.259
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			32.833	519.080			33.885	535.740			66.718	1054.820

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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Parameter summary

Trip rate parameter range selected:

58 - 320 (units: sqm)

Survey date date range:

01/01/15 - 25/11/22

Number of weekdays (Monday-Friday):

5

Number of Saturdays:

0

Number of Sundays:

0

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL TAXIS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.000	0.000	2	189	0.000	0.000	2	189	0.000	0.000
08:00 - 09:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
09:00 - 10:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
10:00 - 11:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
11:00 - 12:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
12:00 - 13:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
13:00 - 14:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
14:00 - 15:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.472	7.440			0.472	7.440			0.944	14.880

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL OGVS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.265	4.183	2	189	0.265	4.183	2	189	0.530	8.366
08:00 - 09:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
09:00 - 10:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
10:00 - 11:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
11:00 - 12:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
12:00 - 13:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
13:00 - 14:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
14:00 - 15:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.501	7.903			0.501	7.903			1.002	15.806

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
MULTI-MODAL CYCLISTS
Calculation factor: 100 sqm
Estimated TRIP rate value per 1581 SQM shown in shaded columns
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.000	0.000	2	189	0.000	0.000	2	189	0.000	0.000
08:00 - 09:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
09:00 - 10:00	5	170	0.235	3.720	5	170	0.118	1.860	5	170	0.353	5.580
10:00 - 11:00	5	170	0.000	0.000	5	170	0.118	1.860	5	170	0.118	1.860
11:00 - 12:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
12:00 - 13:00	5	170	0.353	5.580	5	170	0.118	1.860	5	170	0.471	7.440
13:00 - 14:00	5	170	0.000	0.000	5	170	0.235	3.720	5	170	0.235	3.720
14:00 - 15:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.588	9.300			0.589	9.300			1.177	18.600

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL VEHICLE OCCUPANTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	1.852	29.278	2	189	1.323	20.913	2	189	3.175	50.191
08:00 - 09:00	5	170	2.706	42.780	5	170	1.765	27.900	5	170	4.471	70.680
09:00 - 10:00	5	170	5.059	79.980	5	170	3.647	57.660	5	170	8.706	137.640
10:00 - 11:00	5	170	5.647	89.280	5	170	5.882	93.000	5	170	11.529	182.280
11:00 - 12:00	5	170	5.647	89.280	5	170	5.647	89.280	5	170	11.294	178.560
12:00 - 13:00	5	170	4.941	78.120	5	170	4.941	78.120	5	170	9.882	156.240
13:00 - 14:00	5	170	6.000	94.860	5	170	6.235	98.580	5	170	12.235	193.440
14:00 - 15:00	5	170	4.824	76.260	5	170	5.529	87.420	5	170	10.353	163.680
15:00 - 16:00	5	170	3.765	59.520	5	170	4.353	68.820	5	170	8.118	128.340
16:00 - 17:00	4	192	2.214	34.996	4	192	2.474	39.113	4	192	4.688	74.109
17:00 - 18:00	3	193	1.730	27.353	3	193	2.249	35.559	3	193	3.979	62.912
18:00 - 19:00	1	58	0.000	0.000	1	58	3.448	54.517	1	58	3.448	54.517
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			44.385	701.707			47.493	750.882			91.878	1452.589

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
MULTI-MODAL PEDESTRIANS
Calculation factor: 100 sqm
Estimated TRIP rate value per 1581 SQM shown in shaded columns
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	1.323	20.913	2	189	1.058	16.730	2	189	2.381	37.643
08:00 - 09:00	5	170	1.294	20.460	5	170	0.941	14.880	5	170	2.235	35.340
09:00 - 10:00	5	170	5.529	87.420	5	170	3.529	55.800	5	170	9.058	143.220
10:00 - 11:00	5	170	6.588	104.160	5	170	6.118	96.720	5	170	12.706	200.880
11:00 - 12:00	5	170	4.588	72.540	5	170	5.412	85.560	5	170	10.000	158.100
12:00 - 13:00	5	170	7.059	111.600	5	170	5.529	87.420	5	170	12.588	199.020
13:00 - 14:00	5	170	7.882	124.620	5	170	8.000	126.480	5	170	15.882	251.100
14:00 - 15:00	5	170	4.941	78.120	5	170	5.647	89.280	5	170	10.588	167.400
15:00 - 16:00	5	170	4.353	68.820	5	170	5.412	85.560	5	170	9.765	154.380
16:00 - 17:00	4	192	2.734	43.230	4	192	4.557	72.051	4	192	7.291	115.281
17:00 - 18:00	3	193	1.903	30.088	3	193	2.422	38.294	3	193	4.325	68.382
18:00 - 19:00	1	58	0.000	0.000	1	58	3.448	54.517	1	58	3.448	54.517
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			48.194	761.971			52.073	823.292			100.267	1585.263

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.529	8.365	2	189	0.000	0.000	2	189	0.529	8.365
08:00 - 09:00	5	170	0.706	11.160	5	170	0.471	7.440	5	170	1.177	18.600
09:00 - 10:00	5	170	1.647	26.040	5	170	0.706	11.160	5	170	2.353	37.200
10:00 - 11:00	5	170	2.118	33.480	5	170	1.529	24.180	5	170	3.647	57.660
11:00 - 12:00	5	170	1.882	29.760	5	170	1.294	20.460	5	170	3.176	50.220
12:00 - 13:00	5	170	1.059	16.740	5	170	1.412	22.320	5	170	2.471	39.060
13:00 - 14:00	5	170	1.059	16.740	5	170	1.294	20.460	5	170	2.353	37.200
14:00 - 15:00	5	170	0.824	13.020	5	170	0.824	13.020	5	170	1.648	26.040
15:00 - 16:00	5	170	0.941	14.880	5	170	0.824	13.020	5	170	1.765	27.900
16:00 - 17:00	4	192	0.260	4.117	4	192	1.432	22.645	4	192	1.692	26.762
17:00 - 18:00	3	193	0.173	2.735	3	193	0.865	13.676	3	193	1.038	16.411
18:00 - 19:00	1	58	0.000	0.000	1	58	1.724	27.259	1	58	1.724	27.259
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			11.198	177.037			12.375	195.640			23.573	372.677

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
MULTI-MODAL TOTAL PEOPLE
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 3.28

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	3.704	58.556	2	189	2.381	37.643	2	189	6.085	96.199
08:00 - 09:00	5	170	4.706	74.400	5	170	3.176	50.220	5	170	7.882	124.620
09:00 - 10:00	5	170	12.471	197.160	5	170	8.000	126.480	5	170	20.471	323.640
10:00 - 11:00	5	170	14.353	226.920	5	170	13.647	215.760	5	170	28.000	442.680
11:00 - 12:00	5	170	12.118	191.580	5	170	12.353	195.300	5	170	24.471	386.880
12:00 - 13:00	5	170	13.412	212.040	5	170	12.000	189.720	5	170	25.412	401.760
13:00 - 14:00	5	170	14.941	236.220	5	170	15.765	249.240	5	170	30.706	485.460
14:00 - 15:00	5	170	10.588	167.400	5	170	12.000	189.720	5	170	22.588	357.120
15:00 - 16:00	5	170	9.059	143.220	5	170	10.588	167.400	5	170	19.647	310.620
16:00 - 17:00	4	192	5.208	82.344	4	192	8.464	133.809	4	192	13.672	216.153
17:00 - 18:00	3	193	3.806	60.176	3	193	5.536	87.529	3	193	9.342	147.705
18:00 - 19:00	1	58	0.000	0.000	1	58	8.621	136.293	1	58	8.621	136.293
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			104.366	1650.016			112.531	1779.114			216.897	3429.130

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.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL CARS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	1.323	20.913	2	189	0.794	12.548	2	189	2.117	33.461
08:00 - 09:00	5	170	1.647	26.040	5	170	1.059	16.740	5	170	2.706	42.780
09:00 - 10:00	5	170	3.294	52.080	5	170	2.471	39.060	5	170	5.765	91.140
10:00 - 11:00	5	170	3.647	57.660	5	170	3.882	61.380	5	170	7.529	119.040
11:00 - 12:00	5	170	3.647	57.660	5	170	3.412	53.940	5	170	7.059	111.600
12:00 - 13:00	5	170	3.647	57.660	5	170	3.765	59.520	5	170	7.412	117.180
13:00 - 14:00	5	170	3.765	59.520	5	170	3.882	61.380	5	170	7.647	120.900
14:00 - 15:00	5	170	3.294	52.080	5	170	3.529	55.800	5	170	6.823	107.880
15:00 - 16:00	5	170	2.824	44.640	5	170	3.294	52.080	5	170	6.118	96.720
16:00 - 17:00	4	192	1.953	30.879	4	192	2.083	32.938	4	192	4.036	63.817
17:00 - 18:00	3	193	1.557	24.618	3	193	1.903	30.088	3	193	3.460	54.706
18:00 - 19:00	1	58	0.000	0.000	1	58	1.724	27.259	1	58	1.724	27.259
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			30.598	483.750			31.798	502.733			62.396	986.483

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL LGVS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.794	12.548	2	189	0.529	8.365	2	189	1.323	20.913
08:00 - 09:00	5	170	0.000	0.000	5	170	0.118	1.860	5	170	0.118	1.860
09:00 - 10:00	5	170	0.235	3.720	5	170	0.118	1.860	5	170	0.353	5.580
10:00 - 11:00	5	170	0.000	0.000	5	170	0.118	1.860	5	170	0.118	1.860
11:00 - 12:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
12:00 - 13:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
13:00 - 14:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
14:00 - 15:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			1.029	16.268			0.883	13.945			1.912	30.213

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.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL MOTOR CYCLES
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	0.000	0.000	2	189	0.000	0.000	2	189	0.000	0.000
08:00 - 09:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
09:00 - 10:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
10:00 - 11:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
11:00 - 12:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
12:00 - 13:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
13:00 - 14:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
14:00 - 15:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.236	3.720			0.236	3.720			0.472	7.440

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.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/K - CAFE
 MULTI-MODAL Servicing Vehicles
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	2	189	1.058	16.730	2	189	0.794	12.548	2	189	1.852	29.278
08:00 - 09:00	5	170	0.000	0.000	5	170	0.118	1.860	5	170	0.118	1.860
09:00 - 10:00	5	170	0.353	5.580	5	170	0.235	3.720	5	170	0.588	9.300
10:00 - 11:00	5	170	0.000	0.000	5	170	0.118	1.860	5	170	0.118	1.860
11:00 - 12:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
12:00 - 13:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
13:00 - 14:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
14:00 - 15:00	5	170	0.118	1.860	5	170	0.118	1.860	5	170	0.236	3.720
15:00 - 16:00	5	170	0.000	0.000	5	170	0.000	0.000	5	170	0.000	0.000
16:00 - 17:00	4	192	0.000	0.000	4	192	0.000	0.000	4	192	0.000	0.000
17:00 - 18:00	3	193	0.000	0.000	3	193	0.000	0.000	3	193	0.000	0.000
18:00 - 19:00	1	58	0.000	0.000	1	58	0.000	0.000	1	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			1.647	26.030			1.501	23.708			3.148	49.738

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.*



Appendix E

TRICS: Town Centre Restaurant

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK

Category : B - RESTAURANTS

MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	DC DORSET	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
12	CONNAUGHT	
	GA GALWAY	1 days
13	MUNSTER	
	WA WATERFORD	1 days

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

Primary 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: 180 to 1300 (units: sqm)
Range Selected by User: 75 to 2400 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 09/03/23

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

Selected survey days:

Monday 1 days
Wednesday 1 days
Thursday 1 days
Friday 1 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 undertaking using machines.

Selected Locations:

Town Centre 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:

Built-Up Zone 2
High Street 2

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included 3 days - Selected
Servicing vehicles Excluded 1 days - Selected

Secondary Filtering selection:

Use Class:

E(b) 4 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

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

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

Population within 5 miles:

25,001 to 50,000	1 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
250,001 to 500,000	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	3 days

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

Travel Plan:

No	4 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	DC-06-B-02	PREZZO	DORSET
	HIGH WEST STREET DORCHESTER		
	Town Centre High Street		
	Total Gross floor area:		525 sqm
	Survey date: FRIDAY		16/09/16
2	DY-06-B-04	FRENCH RESTAURANT	DERBY
	FRIAR GATE DERBY		
	Town Centre High Street		
	Total Gross floor area:		180 sqm
	Survey date: WEDNESDAY		25/09/19
3	GA-06-B-01	PIZZA RESTAURANT	GALWAY
	MIDDLE STREET GALWAY		
	Town Centre Built-Up Zone		
	Total Gross floor area:		1300 sqm
	Survey date: MONDAY		27/05/19
4	WA-06-B-01	EUROPEAN & INDIAN REST.	WATERFORD
	MERCHANTS QUAY WATERFORD		
	Town Centre Built-Up Zone		
	Total Gross floor area:		365 sqm
	Survey date: THURSDAY		09/03/23
			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.

Sanderson Associates (Consulting Engineers) Ltd Jubilee Way Wakefield

Licence No: 109307

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

Estimated TRIP rate value per 1581 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 4.15

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.190	3.011	1	525	0.000	0.000	1	525	0.190	3.011
11:00 - 12:00	3	668	0.249	3.943	3	668	0.100	1.577	3	668	0.349	5.520
12:00 - 13:00	3	668	0.748	11.828	3	668	0.349	5.520	3	668	1.097	17.348
13:00 - 14:00	3	668	1.546	24.444	3	668	1.147	18.136	3	668	2.693	42.580
14:00 - 15:00	3	668	0.848	13.405	3	668	0.748	11.828	3	668	1.596	25.233
15:00 - 16:00	3	668	0.599	9.462	3	668	0.698	11.039	3	668	1.297	20.501
16:00 - 17:00	4	593	0.295	4.670	4	593	0.464	7.338	4	593	0.759	12.008
17:00 - 18:00	4	593	1.266	20.013	4	593	0.506	8.005	4	593	1.772	28.018
18:00 - 19:00	4	593	2.447	38.691	4	593	1.561	24.682	4	593	4.008	63.373
19:00 - 20:00	4	593	1.983	31.353	4	593	1.899	30.019	4	593	3.882	61.372
20:00 - 21:00	4	593	1.224	19.346	4	593	1.603	25.349	4	593	2.827	44.695
21:00 - 22:00	4	593	0.464	7.338	4	593	1.603	25.349	4	593	2.067	32.687
22:00 - 23:00	4	593	0.042	0.667	4	593	0.759	12.008	4	593	0.801	12.675
23:00 - 24:00	2	445	0.000	0.000	2	445	0.225	3.553	2	445	0.225	3.553
Total Rates:			11.901	188.171			11.662	184.403			23.563	372.574

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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Parameter summary

Trip rate parameter range selected: 180 - 1300 (units: sqm)
Survey date range: 01/01/15 - 09/03/23
Number of weekdays (Monday-Friday): 4
Number of Saturdays: 0
Number of Sundays: 0
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 shown. 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 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL TAXIS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.000	0.000	1	525	0.000	0.000	1	525	0.000	0.000
11:00 - 12:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
12:00 - 13:00	3	668	0.100	1.577	3	668	0.100	1.577	3	668	0.200	3.154
13:00 - 14:00	3	668	0.050	0.789	3	668	0.050	0.789	3	668	0.100	1.578
14:00 - 15:00	3	668	0.100	1.577	3	668	0.100	1.577	3	668	0.200	3.154
15:00 - 16:00	3	668	0.050	0.789	3	668	0.050	0.789	3	668	0.100	1.578
16:00 - 17:00	4	593	0.042	0.667	4	593	0.042	0.667	4	593	0.084	1.334
17:00 - 18:00	4	593	0.084	1.334	4	593	0.084	1.334	4	593	0.168	2.668
18:00 - 19:00	4	593	0.464	7.338	4	593	0.380	6.004	4	593	0.844	13.342
19:00 - 20:00	4	593	0.211	3.335	4	593	0.295	4.670	4	593	0.506	8.005
20:00 - 21:00	4	593	0.127	2.001	4	593	0.127	2.001	4	593	0.254	4.002
21:00 - 22:00	4	593	0.042	0.667	4	593	0.042	0.667	4	593	0.084	1.334
22:00 - 23:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
23:00 - 24:00	2	445	0.000	0.000	2	445	0.000	0.000	2	445	0.000	0.000
Total Rates:			1.270	20.074			1.270	20.075			2.540	40.149

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL CYCLISTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.000	0.000	1	525	0.000	0.000	1	525	0.000	0.000
11:00 - 12:00	3	668	0.050	0.789	3	668	0.000	0.000	3	668	0.050	0.789
12:00 - 13:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
13:00 - 14:00	3	668	0.100	1.577	3	668	0.000	0.000	3	668	0.100	1.577
14:00 - 15:00	3	668	0.050	0.789	3	668	0.100	1.577	3	668	0.150	2.366
15:00 - 16:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
16:00 - 17:00	4	593	0.000	0.000	4	593	0.042	0.667	4	593	0.042	0.667
17:00 - 18:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
18:00 - 19:00	4	593	0.000	0.000	4	593	0.042	0.667	4	593	0.042	0.667
19:00 - 20:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
20:00 - 21:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
21:00 - 22:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
22:00 - 23:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
23:00 - 24:00	2	445	0.000	0.000	2	445	0.000	0.000	2	445	0.000	0.000
Total Rates:			0.200	3.155			0.184	2.911			0.384	6.066

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL VEHICLE OCCUPANTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.190	3.011	1	525	0.000	0.000	1	525	0.190	3.011
11:00 - 12:00	3	668	0.249	3.943	3	668	0.100	1.577	3	668	0.349	5.520
12:00 - 13:00	3	668	1.247	19.713	3	668	0.399	6.308	3	668	1.646	26.021
13:00 - 14:00	3	668	2.594	41.003	3	668	2.095	33.118	3	668	4.689	74.121
14:00 - 15:00	3	668	1.496	23.656	3	668	1.546	24.444	3	668	3.042	48.100
15:00 - 16:00	3	668	1.047	16.559	3	668	1.297	20.502	3	668	2.344	37.061
16:00 - 17:00	4	593	0.464	7.338	4	593	0.675	10.673	4	593	1.139	18.011
17:00 - 18:00	4	593	2.532	40.025	4	593	0.970	15.343	4	593	3.502	55.368
18:00 - 19:00	4	593	4.641	73.380	4	593	2.827	44.695	4	593	7.468	118.075
19:00 - 20:00	4	593	3.502	55.368	4	593	3.755	59.371	4	593	7.257	114.739
20:00 - 21:00	4	593	2.236	35.356	4	593	3.038	48.030	4	593	5.274	83.386
21:00 - 22:00	4	593	0.675	10.673	4	593	2.447	38.691	4	593	3.122	49.364
22:00 - 23:00	4	593	0.042	0.667	4	593	1.308	20.680	4	593	1.350	21.347
23:00 - 24:00	2	445	0.000	0.000	2	445	0.225	3.553	2	445	0.225	3.553
Total Rates:			20.915	330.692			20.682	326.985			41.597	657.677

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.381	6.023	1	525	0.000	0.000	1	525	0.381	6.023
11:00 - 12:00	3	668	0.299	4.731	3	668	0.150	2.366	3	668	0.449	7.097
12:00 - 13:00	3	668	2.095	33.118	3	668	0.499	7.885	3	668	2.594	41.003
13:00 - 14:00	3	668	1.845	29.176	3	668	1.596	25.233	3	668	3.441	54.409
14:00 - 15:00	3	668	1.397	22.079	3	668	2.693	42.581	3	668	4.090	64.660
15:00 - 16:00	3	668	1.696	26.810	3	668	2.594	41.003	3	668	4.290	67.813
16:00 - 17:00	4	593	1.730	27.351	4	593	1.435	22.681	4	593	3.165	50.032
17:00 - 18:00	4	593	1.983	31.353	4	593	1.013	16.010	4	593	2.996	47.363
18:00 - 19:00	4	593	2.743	43.361	4	593	1.266	20.013	4	593	4.009	63.374
19:00 - 20:00	4	593	3.333	52.700	4	593	2.405	38.024	4	593	5.738	90.724
20:00 - 21:00	4	593	2.194	34.689	4	593	0.886	14.009	4	593	3.080	48.698
21:00 - 22:00	4	593	0.506	8.005	4	593	2.532	40.025	4	593	3.038	48.030
22:00 - 23:00	4	593	0.169	2.668	4	593	2.743	43.361	4	593	2.912	46.029
23:00 - 24:00	2	445	0.000	0.000	2	445	0.337	5.329	2	445	0.337	5.329
Total Rates:			20.371	322.064			20.149	318.520			40.520	640.584

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.190	3.011	1	525	0.000	0.000	1	525	0.190	3.011
11:00 - 12:00	3	668	0.100	1.577	3	668	0.050	0.789	3	668	0.150	2.366
12:00 - 13:00	3	668	0.648	10.251	3	668	0.050	0.789	3	668	0.698	11.040
13:00 - 14:00	3	668	0.449	7.097	3	668	0.299	4.731	3	668	0.748	11.828
14:00 - 15:00	3	668	0.599	9.462	3	668	0.648	10.251	3	668	1.247	19.713
15:00 - 16:00	3	668	0.549	8.674	3	668	0.249	3.943	3	668	0.798	12.617
16:00 - 17:00	4	593	0.127	2.001	4	593	0.169	2.668	4	593	0.296	4.669
17:00 - 18:00	4	593	0.591	9.339	4	593	0.338	5.337	4	593	0.929	14.676
18:00 - 19:00	4	593	1.392	22.014	4	593	0.802	12.675	4	593	2.194	34.689
19:00 - 20:00	4	593	1.561	24.682	4	593	1.266	20.013	4	593	2.827	44.695
20:00 - 21:00	4	593	1.055	16.677	4	593	0.886	14.009	4	593	1.941	30.686
21:00 - 22:00	4	593	0.506	8.005	4	593	1.857	29.352	4	593	2.363	37.357
22:00 - 23:00	4	593	0.042	0.667	4	593	0.928	14.676	4	593	0.970	15.343
23:00 - 24:00	2	445	0.000	0.000	2	445	0.112	1.776	2	445	0.112	1.776
Total Rates:			7.809	123.457			7.654	121.009			15.463	244.466

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
MULTI-MODAL TOTAL PEOPLE
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 4.15

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.762	12.046	1	525	0.000	0.000	1	525	0.762	12.046
11:00 - 12:00	3	668	0.698	11.039	3	668	0.299	4.731	3	668	0.997	15.770
12:00 - 13:00	3	668	3.990	63.082	3	668	0.948	14.982	3	668	4.938	78.064
13:00 - 14:00	3	668	4.988	78.853	3	668	3.990	63.082	3	668	8.978	141.935
14:00 - 15:00	3	668	3.541	55.986	3	668	4.988	78.853	3	668	8.529	134.839
15:00 - 16:00	3	668	3.292	52.043	3	668	4.140	65.448	3	668	7.432	117.491
16:00 - 17:00	4	593	2.321	36.690	4	593	2.321	36.690	4	593	4.642	73.380
17:00 - 18:00	4	593	5.105	80.718	4	593	2.321	36.690	4	593	7.426	117.408
18:00 - 19:00	4	593	8.776	138.754	4	593	4.937	78.049	4	593	13.713	216.803
19:00 - 20:00	4	593	8.397	132.751	4	593	7.426	117.408	4	593	15.823	250.159
20:00 - 21:00	4	593	5.485	86.722	4	593	4.810	76.048	4	593	10.295	162.770
21:00 - 22:00	4	593	1.688	26.684	4	593	6.835	108.068	4	593	8.523	134.752
22:00 - 23:00	4	593	0.253	4.003	4	593	4.979	78.716	4	593	5.232	82.719
23:00 - 24:00	2	445	0.000	0.000	2	445	0.674	10.658	2	445	0.674	10.658
Total Rates:			49.296	779.371			48.668	769.423			97.964	1548.794

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.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL CARS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.190	3.011	1	525	0.000	0.000	1	525	0.190	3.011
11:00 - 12:00	3	668	0.249	3.943	3	668	0.100	1.577	3	668	0.349	5.520
12:00 - 13:00	3	668	0.648	10.251	3	668	0.249	3.943	3	668	0.897	14.194
13:00 - 14:00	3	668	1.446	22.867	3	668	1.097	17.348	3	668	2.543	40.215
14:00 - 15:00	3	668	0.698	11.039	3	668	0.549	8.674	3	668	1.247	19.713
15:00 - 16:00	3	668	0.549	8.674	3	668	0.648	10.251	3	668	1.197	18.925
16:00 - 17:00	4	593	0.253	4.003	4	593	0.422	6.671	4	593	0.675	10.674
17:00 - 18:00	4	593	1.224	19.346	4	593	0.464	7.338	4	593	1.688	26.684
18:00 - 19:00	4	593	1.983	31.353	4	593	1.224	19.346	4	593	3.207	50.699
19:00 - 20:00	4	593	1.814	28.685	4	593	1.646	26.016	4	593	3.460	54.701
20:00 - 21:00	4	593	1.097	17.344	4	593	1.435	22.681	4	593	2.532	40.025
21:00 - 22:00	4	593	0.422	6.671	4	593	1.561	24.682	4	593	1.983	31.353
22:00 - 23:00	4	593	0.042	0.667	4	593	0.759	12.008	4	593	0.801	12.675
23:00 - 24:00	2	445	0.000	0.000	2	445	0.225	3.553	2	445	0.225	3.553
Total Rates:			10.615	167.854			10.379	164.088			20.994	331.942

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.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL LGVS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.000	0.000	1	525	0.000	0.000	1	525	0.000	0.000
11:00 - 12:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
12:00 - 13:00	3	668	0.050	0.789	3	668	0.050	0.789	3	668	0.100	1.578
13:00 - 14:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
14:00 - 15:00	3	668	0.050	0.789	3	668	0.050	0.789	3	668	0.100	1.578
15:00 - 16:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
16:00 - 17:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
17:00 - 18:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
18:00 - 19:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
19:00 - 20:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
20:00 - 21:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
21:00 - 22:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
22:00 - 23:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
23:00 - 24:00	2	445	0.000	0.000	2	445	0.000	0.000	2	445	0.000	0.000
Total Rates:			0.100	1.578			0.100	1.578			0.200	3.156

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.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
 MULTI-MODAL MOTOR CYCLES
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00												
08:00 - 09:00												
09:00 - 10:00												
10:00 - 11:00	1	525	0.000	0.000	1	525	0.000	0.000	1	525	0.000	0.000
11:00 - 12:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
12:00 - 13:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
13:00 - 14:00	3	668	0.050	0.789	3	668	0.000	0.000	3	668	0.050	0.789
14:00 - 15:00	3	668	0.000	0.000	3	668	0.050	0.789	3	668	0.050	0.789
15:00 - 16:00	3	668	0.000	0.000	3	668	0.000	0.000	3	668	0.000	0.000
16:00 - 17:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
17:00 - 18:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
18:00 - 19:00	4	593	0.042	0.667	4	593	0.000	0.000	4	593	0.042	0.667
19:00 - 20:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
20:00 - 21:00	4	593	0.000	0.000	4	593	0.042	0.667	4	593	0.042	0.667
21:00 - 22:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
22:00 - 23:00	4	593	0.000	0.000	4	593	0.000	0.000	4	593	0.000	0.000
23:00 - 24:00	2	445	0.000	0.000	2	445	0.000	0.000	2	445	0.000	0.000
Total Rates:			0.092	1.456			0.092	1.456			0.184	2.912

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.



Appendix F

TRICS: Town Centre Convenience Store

Calculation Reference: AUDIT-109307-231116-1142

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : O - CONVENIENCE STORE
MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	BN BARNET	1 days
	HG HARINGEY	1 days
	KN KENSINGTON AND CHELSEA	1 days
	WE WESTMINSTER	1 days
08	NORTH WEST	
	MS MERSEYSIDE	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

Primary 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:

240 to 550 (units: sqm)

Range Selected by User:

70 to 1056 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 29/09/22

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

Selected survey days:

Monday

1 days

Tuesday

2 days

Thursday

3 days

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

Selected survey types:

Manual count

6 days

Directional ATC Count

0 days

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

Selected Locations:

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:

Built-Up Zone

4

High Street

2

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included

2 days - Selected

Servicing vehicles Excluded

4 days - Selected

Secondary Filtering selection:

Use Class:

E(a) 6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

25,001 to 50,000	2 days
50,001 to 100,000	3 days
100,001 or More	1 days

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

Population within 5 miles:

250,001 to 500,000	1 days
500,001 or More	5 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	5 days

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

Petrol filling station:

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

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

Travel Plan:

No	6 days
----	--------

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

PTAL Rating:

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

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

LIST OF SITES relevant to selection parameters

1	BN-01-O-01 HIGH ROAD NORTH FINCHLEY	TESCO EXPRESS		BARNET
	Town Centre High Street			
	Total Gross floor area:	300 sqm		
	Survey date: TUESDAY	07/06/22	Survey Type: MANUAL	
2	EB-01-O-01 EARL GREY STREET EDINBURGH	SAINSBURY'S LOCAL		CITY OF EDINBURGH
	Town Centre Built-Up Zone			
	Total Gross floor area:	350 sqm		
	Survey date: THURSDAY	28/05/15	Survey Type: MANUAL	
3	HG-01-O-02 HIGH ROAD WOOD GREEN	TESCO EXPRESS		HARINGEY
	Town Centre High Street			
	Total Gross floor area:	240 sqm		
	Survey date: THURSDAY	09/06/22	Survey Type: MANUAL	
4	KN-01-O-01 QUEENSWAY BAYSWATER	SAINSBURY'S LOCAL		KENSINGTON AND CHELSEA
	Town Centre Built-Up Zone			
	Total Gross floor area:	300 sqm		
	Survey date: MONDAY	22/06/15	Survey Type: MANUAL	
5	MS-01-O-02 SKELHORNE STREET LIVERPOOL	TESCO EXPRESS		MERSEYSIDE
	Town Centre Built-Up Zone			
	Total Gross floor area:	400 sqm		
	Survey date: THURSDAY	07/04/22	Survey Type: MANUAL	
6	WE-01-O-01 MORTIMER STREET FITZROVIA	SAINSBURY'S LOCAL		WESTMINSTER
	Town Centre Built-Up Zone			
	Total Gross floor area:	550 sqm		
	Survey date: TUESDAY	23/06/15	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/O - CONVENIENCE STORE
MULTI-MODAL TOTAL VEHICLES
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 24.53

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.213	3.364	3	313	0.000	0.000	3	313	0.213	3.364
06:00 - 07:00	3	313	0.957	15.137	3	313	0.532	8.410	3	313	1.489	23.547
07:00 - 08:00	6	344	1.598	25.265	6	344	1.356	21.437	6	344	2.954	46.702
08:00 - 09:00	6	344	1.308	20.672	6	344	1.259	19.906	6	344	2.567	40.578
09:00 - 10:00	6	344	1.889	29.859	6	344	1.889	29.859	6	344	3.778	59.718
10:00 - 11:00	6	344	2.082	32.922	6	344	1.550	24.500	6	344	3.632	57.422
11:00 - 12:00	6	344	1.889	29.859	6	344	1.550	24.500	6	344	3.439	54.359
12:00 - 13:00	6	344	1.743	27.562	6	344	1.889	29.859	6	344	3.632	57.421
13:00 - 14:00	6	344	1.550	24.500	6	344	1.743	27.562	6	344	3.293	52.062
14:00 - 15:00	6	344	1.017	16.078	6	344	1.162	18.375	6	344	2.179	34.453
15:00 - 16:00	6	344	1.550	24.500	6	344	1.501	23.734	6	344	3.051	48.234
16:00 - 17:00	6	344	1.550	24.500	6	344	1.453	22.969	6	344	3.003	47.469
17:00 - 18:00	6	344	0.823	13.015	6	344	0.969	15.312	6	344	1.792	28.327
18:00 - 19:00	6	344	1.162	18.375	6	344	1.356	21.437	6	344	2.518	39.812
19:00 - 20:00	6	344	1.065	16.844	6	344	1.065	16.844	6	344	2.130	33.688
20:00 - 21:00	6	344	1.840	29.093	6	344	2.034	32.156	6	344	3.874	61.249
21:00 - 22:00	6	344	0.872	13.781	6	344	1.017	16.078	6	344	1.889	29.859
22:00 - 23:00	3	313	1.064	16.819	3	313	1.489	23.547	3	313	2.553	40.366
23:00 - 24:00	3	313	0.000	0.000	3	313	0.213	3.364	3	313	0.213	3.364
Total Rates:			24.172	382.145			24.027	379.849			48.199	761.994

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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Parameter summary

Trip rate parameter range selected:
 Survey date date range:
 Number of weekdays (Monday-Friday):
 Number of Saturdays:
 Number of Sundays:
 Surveys automatically removed from selection:
 Surveys manually removed from selection:

240 - 550 (units: sqm)
 01/01/15 - 29/09/22
 6
 0
 0
 0
 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/O - CONVENIENCE STORE
MULTI-MODAL TAXIS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
07:00 - 08:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
08:00 - 09:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
09:00 - 10:00	6	344	0.242	3.828	6	344	0.242	3.828	6	344	0.484	7.656
10:00 - 11:00	6	344	0.145	2.297	6	344	0.145	2.297	6	344	0.290	4.594
11:00 - 12:00	6	344	0.194	3.062	6	344	0.194	3.062	6	344	0.388	6.124
12:00 - 13:00	6	344	0.145	2.297	6	344	0.145	2.297	6	344	0.290	4.594
13:00 - 14:00	6	344	0.291	4.594	6	344	0.291	4.594	6	344	0.582	9.188
14:00 - 15:00	6	344	0.145	2.297	6	344	0.145	2.297	6	344	0.290	4.594
15:00 - 16:00	6	344	0.242	3.828	6	344	0.242	3.828	6	344	0.484	7.656
16:00 - 17:00	6	344	0.097	1.531	6	344	0.097	1.531	6	344	0.194	3.062
17:00 - 18:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
18:00 - 19:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
19:00 - 20:00	6	344	0.194	3.062	6	344	0.194	3.062	6	344	0.388	6.124
20:00 - 21:00	6	344	0.484	7.656	6	344	0.484	7.656	6	344	0.968	15.312
21:00 - 22:00	6	344	0.097	1.531	6	344	0.097	1.531	6	344	0.194	3.062
22:00 - 23:00	3	313	0.319	5.046	3	313	0.319	5.046	3	313	0.638	10.092
23:00 - 24:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
Total Rates:			2.739	43.327			2.739	43.327			5.478	86.654

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL OGVS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	0.213	3.364	3	313	0.000	0.000	3	313	0.213	3.364
07:00 - 08:00	6	344	0.097	1.531	6	344	0.194	3.062	6	344	0.291	4.593
08:00 - 09:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
09:00 - 10:00	6	344	0.097	1.531	6	344	0.048	0.766	6	344	0.145	2.297
10:00 - 11:00	6	344	0.145	2.297	6	344	0.145	2.297	6	344	0.290	4.594
11:00 - 12:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
12:00 - 13:00	6	344	0.000	0.000	6	344	0.048	0.766	6	344	0.048	0.766
13:00 - 14:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
14:00 - 15:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
15:00 - 16:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
16:00 - 17:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
17:00 - 18:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
18:00 - 19:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
19:00 - 20:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
20:00 - 21:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
21:00 - 22:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
22:00 - 23:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
23:00 - 24:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
Total Rates:			0.792	12.553			0.675	10.721			1.467	23.274

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.*

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL CYCLISTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	0.319	5.046	3	313	0.213	3.364	3	313	0.532	8.410
07:00 - 08:00	6	344	0.194	3.062	6	344	0.145	2.297	6	344	0.339	5.359
08:00 - 09:00	6	344	0.533	8.422	6	344	0.533	8.422	6	344	1.066	16.844
09:00 - 10:00	6	344	0.484	7.656	6	344	0.436	6.891	6	344	0.920	14.547
10:00 - 11:00	6	344	0.436	6.891	6	344	0.339	5.359	6	344	0.775	12.250
11:00 - 12:00	6	344	0.097	1.531	6	344	0.097	1.531	6	344	0.194	3.062
12:00 - 13:00	6	344	0.436	6.891	6	344	0.387	6.125	6	344	0.823	13.016
13:00 - 14:00	6	344	0.194	3.062	6	344	0.291	4.594	6	344	0.485	7.656
14:00 - 15:00	6	344	0.242	3.828	6	344	0.194	3.062	6	344	0.436	6.890
15:00 - 16:00	6	344	0.436	6.891	6	344	0.339	5.359	6	344	0.775	12.250
16:00 - 17:00	6	344	0.387	6.125	6	344	0.436	6.891	6	344	0.823	13.016
17:00 - 18:00	6	344	0.291	4.594	6	344	0.339	5.359	6	344	0.630	9.953
18:00 - 19:00	6	344	0.194	3.062	6	344	0.436	6.891	6	344	0.630	9.953
19:00 - 20:00	6	344	0.339	5.359	6	344	0.048	0.766	6	344	0.387	6.125
20:00 - 21:00	6	344	0.436	6.891	6	344	0.533	8.422	6	344	0.969	15.313
21:00 - 22:00	6	344	0.097	1.531	6	344	0.145	2.297	6	344	0.242	3.828
22:00 - 23:00	3	313	0.106	1.682	3	313	0.106	1.682	3	313	0.212	3.364
23:00 - 24:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
Total Rates:			5.221	82.524			5.017	79.312			10.238	161.836

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL VEHICLE OCCUPANTS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.213	3.364	3	313	0.000	0.000	3	313	0.213	3.364
06:00 - 07:00	3	313	1.170	18.501	3	313	0.532	8.410	3	313	1.702	26.911
07:00 - 08:00	6	344	1.550	24.500	6	344	1.356	21.437	6	344	2.906	45.937
08:00 - 09:00	6	344	1.404	22.203	6	344	1.308	20.672	6	344	2.712	42.875
09:00 - 10:00	6	344	2.131	33.687	6	344	1.937	30.625	6	344	4.068	64.312
10:00 - 11:00	6	344	2.373	37.515	6	344	1.743	27.562	6	344	4.116	65.077
11:00 - 12:00	6	344	2.082	32.922	6	344	1.792	28.328	6	344	3.874	61.250
12:00 - 13:00	6	344	1.937	30.625	6	344	2.082	32.922	6	344	4.019	63.547
13:00 - 14:00	6	344	1.792	28.328	6	344	1.792	28.328	6	344	3.584	56.656
14:00 - 15:00	6	344	1.065	16.844	6	344	1.453	22.969	6	344	2.518	39.813
15:00 - 16:00	6	344	1.743	27.562	6	344	1.646	26.031	6	344	3.389	53.593
16:00 - 17:00	6	344	1.646	26.031	6	344	1.985	31.390	6	344	3.631	57.421
17:00 - 18:00	6	344	0.872	13.781	6	344	1.017	16.078	6	344	1.889	29.859
18:00 - 19:00	6	344	1.501	23.734	6	344	1.598	25.265	6	344	3.099	48.999
19:00 - 20:00	6	344	1.308	20.672	6	344	1.259	19.906	6	344	2.567	40.578
20:00 - 21:00	6	344	2.034	32.156	6	344	2.421	38.281	6	344	4.455	70.437
21:00 - 22:00	6	344	0.969	15.312	6	344	1.356	21.437	6	344	2.325	36.749
22:00 - 23:00	3	313	1.489	23.547	3	313	2.340	37.002	3	313	3.829	60.549
23:00 - 24:00	3	313	0.000	0.000	3	313	0.213	3.364	3	313	0.213	3.364
Total Rates:			27.279	431.284			27.830	440.007			55.109	871.291

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	4.362	68.959	3	313	3.404	53.821	3	313	7.766	122.780
07:00 - 08:00	6	344	10.315	163.077	6	344	14.334	226.623	6	344	24.649	389.700
08:00 - 09:00	6	344	12.881	203.654	6	344	21.356	337.637	6	344	34.237	541.291
09:00 - 10:00	6	344	19.855	313.903	6	344	25.133	397.355	6	344	44.988	711.258
10:00 - 11:00	6	344	20.339	321.559	6	344	21.114	333.809	6	344	41.453	655.368
11:00 - 12:00	6	344	23.680	374.387	6	344	23.535	372.090	6	344	47.215	746.477
12:00 - 13:00	6	344	49.927	789.352	6	344	49.249	778.633	6	344	99.176	1567.985
13:00 - 14:00	6	344	53.123	839.882	6	344	54.044	854.429	6	344	107.167	1694.311
14:00 - 15:00	6	344	34.673	548.182	6	344	35.496	561.198	6	344	70.169	1109.380
15:00 - 16:00	6	344	33.366	527.510	6	344	31.429	496.886	6	344	64.795	1024.396
16:00 - 17:00	6	344	32.736	517.557	6	344	31.332	495.354	6	344	64.068	1012.911
17:00 - 18:00	6	344	33.705	532.870	6	344	33.317	526.745	6	344	67.022	1059.615
18:00 - 19:00	6	344	33.220	525.214	6	344	32.881	519.854	6	344	66.101	1045.068
19:00 - 20:00	6	344	27.603	436.402	6	344	26.344	416.496	6	344	53.947	852.898
20:00 - 21:00	6	344	21.937	346.825	6	344	22.954	362.903	6	344	44.891	709.728
21:00 - 22:00	6	344	21.840	345.293	6	344	23.535	372.090	6	344	45.375	717.383
22:00 - 23:00	3	313	19.574	309.472	3	313	19.681	311.154	3	313	39.255	620.626
23:00 - 24:00	3	313	0.000	0.000	3	313	0.532	8.410	3	313	0.532	8.410
Total Rates:			453.136	7164.098			469.670	7425.487			922.806	14589.58

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.*

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.851	13.455	3	313	0.000	0.000	3	313	0.851	13.455
06:00 - 07:00	3	313	2.234	35.320	3	313	2.340	37.002	3	313	4.574	72.322
07:00 - 08:00	6	344	8.765	138.577	6	344	4.213	66.609	6	344	12.978	205.186
08:00 - 09:00	6	344	12.300	194.467	6	344	3.148	49.765	6	344	15.448	244.232
09:00 - 10:00	6	344	7.797	123.264	6	344	3.099	49.000	6	344	10.896	172.264
10:00 - 11:00	6	344	3.680	58.187	6	344	3.341	52.828	6	344	7.021	111.015
11:00 - 12:00	6	344	4.262	67.374	6	344	4.068	64.312	6	344	8.330	131.686
12:00 - 13:00	6	344	3.923	62.015	6	344	3.487	55.124	6	344	7.410	117.139
13:00 - 14:00	6	344	3.777	59.718	6	344	3.535	55.890	6	344	7.312	115.608
14:00 - 15:00	6	344	2.663	42.109	6	344	2.567	40.578	6	344	5.230	82.687
15:00 - 16:00	6	344	5.133	81.155	6	344	5.811	91.874	6	344	10.944	173.029
16:00 - 17:00	6	344	6.053	95.702	6	344	8.087	127.858	6	344	14.140	223.560
17:00 - 18:00	6	344	7.893	124.796	6	344	6.731	106.421	6	344	14.624	231.217
18:00 - 19:00	6	344	9.395	148.530	6	344	9.879	156.186	6	344	19.274	304.716
19:00 - 20:00	6	344	5.714	90.343	6	344	8.039	127.092	6	344	13.753	217.435
20:00 - 21:00	6	344	4.552	71.968	6	344	3.390	53.593	6	344	7.942	125.561
21:00 - 22:00	6	344	2.857	45.171	6	344	1.743	27.562	6	344	4.600	72.733
22:00 - 23:00	3	313	0.745	11.773	3	313	1.702	26.911	3	313	2.447	38.684
23:00 - 24:00	3	313	0.000	0.000	3	313	0.745	11.773	3	313	0.745	11.773
Total Rates:			92.594	1463.924			75.925	1200.378			168.519	2664.302

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
MULTI-MODAL TOTAL PEOPLE
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 24.53

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	1.064	16.819	3	313	0.000	0.000	3	313	1.064	16.819
06:00 - 07:00	3	313	8.085	127.826	3	313	6.489	102.597	3	313	14.574	230.423
07:00 - 08:00	6	344	20.823	329.215	6	344	20.048	316.966	6	344	40.871	646.181
08:00 - 09:00	6	344	27.119	428.746	6	344	26.344	416.496	6	344	53.463	845.242
09:00 - 10:00	6	344	30.266	478.511	6	344	30.605	483.870	6	344	60.871	962.381
10:00 - 11:00	6	344	26.828	424.152	6	344	26.538	419.558	6	344	53.366	843.710
11:00 - 12:00	6	344	30.121	476.214	6	344	29.492	466.261	6	344	59.613	942.475
12:00 - 13:00	6	344	56.223	888.882	6	344	55.206	872.804	6	344	111.429	1761.686
13:00 - 14:00	6	344	58.886	930.991	6	344	59.661	943.241	6	344	118.547	1874.232
14:00 - 15:00	6	344	38.644	610.963	6	344	39.709	627.806	6	344	78.353	1238.769
15:00 - 16:00	6	344	40.678	643.119	6	344	39.225	620.150	6	344	79.903	1263.269
16:00 - 17:00	6	344	40.823	645.415	6	344	41.840	661.493	6	344	82.663	1306.908
17:00 - 18:00	6	344	42.760	676.040	6	344	41.404	654.603	6	344	84.164	1330.643
18:00 - 19:00	6	344	44.310	700.540	6	344	44.794	708.196	6	344	89.104	1408.736
19:00 - 20:00	6	344	34.964	552.776	6	344	35.690	564.260	6	344	70.654	1117.036
20:00 - 21:00	6	344	28.959	457.839	6	344	29.298	463.199	6	344	58.257	921.038
21:00 - 22:00	6	344	25.763	407.308	6	344	26.780	423.386	6	344	52.543	830.694
22:00 - 23:00	3	313	21.915	346.474	3	313	23.830	376.749	3	313	45.745	723.223
23:00 - 24:00	3	313	0.000	0.000	3	313	1.489	23.547	3	313	1.489	23.547
Total Rates:			578.231	9141.830			578.442	9145.182			1156.673	18287.01

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.*

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL CARS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.213	3.364	3	313	0.000	0.000	3	313	0.213	3.364
06:00 - 07:00	3	313	0.426	6.728	3	313	0.319	5.046	3	313	0.745	11.774
07:00 - 08:00	6	344	1.162	18.375	6	344	0.823	13.015	6	344	1.985	31.390
08:00 - 09:00	6	344	0.726	11.484	6	344	0.678	10.719	6	344	1.404	22.203
09:00 - 10:00	6	344	1.017	16.078	6	344	1.114	17.609	6	344	2.131	33.687
10:00 - 11:00	6	344	1.162	18.375	6	344	0.872	13.781	6	344	2.034	32.156
11:00 - 12:00	6	344	1.114	17.609	6	344	0.823	13.015	6	344	1.937	30.624
12:00 - 13:00	6	344	1.017	16.078	6	344	0.872	13.781	6	344	1.889	29.859
13:00 - 14:00	6	344	0.775	12.250	6	344	0.872	13.781	6	344	1.647	26.031
14:00 - 15:00	6	344	0.630	9.953	6	344	0.726	11.484	6	344	1.356	21.437
15:00 - 16:00	6	344	0.969	15.312	6	344	0.872	13.781	6	344	1.841	29.093
16:00 - 17:00	6	344	1.114	17.609	6	344	1.065	16.844	6	344	2.179	34.453
17:00 - 18:00	6	344	0.581	9.187	6	344	0.726	11.484	6	344	1.307	20.671
18:00 - 19:00	6	344	0.775	12.250	6	344	1.017	16.078	6	344	1.792	28.328
19:00 - 20:00	6	344	0.726	11.484	6	344	0.726	11.484	6	344	1.452	22.968
20:00 - 21:00	6	344	1.114	17.609	6	344	1.211	19.140	6	344	2.325	36.749
21:00 - 22:00	6	344	0.678	10.719	6	344	0.823	13.015	6	344	1.501	23.734
22:00 - 23:00	3	313	0.745	11.773	3	313	0.957	15.137	3	313	1.702	26.910
23:00 - 24:00	3	313	0.000	0.000	3	313	0.213	3.364	3	313	0.213	3.364
Total Rates:			14.944	236.237			14.709	232.558			29.653	468.795

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL LGVS
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	0.319	5.046	3	313	0.213	3.364	3	313	0.532	8.410
07:00 - 08:00	6	344	0.242	3.828	6	344	0.242	3.828	6	344	0.484	7.656
08:00 - 09:00	6	344	0.436	6.891	6	344	0.436	6.891	6	344	0.872	13.782
09:00 - 10:00	6	344	0.387	6.125	6	344	0.387	6.125	6	344	0.774	12.250
10:00 - 11:00	6	344	0.484	7.656	6	344	0.291	4.594	6	344	0.775	12.250
11:00 - 12:00	6	344	0.484	7.656	6	344	0.387	6.125	6	344	0.871	13.781
12:00 - 13:00	6	344	0.436	6.891	6	344	0.630	9.953	6	344	1.066	16.844
13:00 - 14:00	6	344	0.387	6.125	6	344	0.436	6.891	6	344	0.823	13.016
14:00 - 15:00	6	344	0.145	2.297	6	344	0.194	3.062	6	344	0.339	5.359
15:00 - 16:00	6	344	0.291	4.594	6	344	0.291	4.594	6	344	0.582	9.188
16:00 - 17:00	6	344	0.242	3.828	6	344	0.242	3.828	6	344	0.484	7.656
17:00 - 18:00	6	344	0.194	3.062	6	344	0.194	3.062	6	344	0.388	6.124
18:00 - 19:00	6	344	0.242	3.828	6	344	0.194	3.062	6	344	0.436	6.890
19:00 - 20:00	6	344	0.145	2.297	6	344	0.145	2.297	6	344	0.290	4.594
20:00 - 21:00	6	344	0.194	3.062	6	344	0.194	3.062	6	344	0.388	6.124
21:00 - 22:00	6	344	0.097	1.531	6	344	0.097	1.531	6	344	0.194	3.062
22:00 - 23:00	3	313	0.000	0.000	3	313	0.213	3.364	3	313	0.213	3.364
23:00 - 24:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
Total Rates:			4.725	74.717			4.786	75.633			9.511	150.350

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.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL MOTOR CYCLES
 Calculation factor: 100 sqm
 Estimated TRIP rate value per 1581 SQM shown in shaded columns
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
06:00 - 07:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
07:00 - 08:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
08:00 - 09:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
09:00 - 10:00	6	344	0.145	2.297	6	344	0.097	1.531	6	344	0.242	3.828
10:00 - 11:00	6	344	0.145	2.297	6	344	0.097	1.531	6	344	0.242	3.828
11:00 - 12:00	6	344	0.048	0.766	6	344	0.097	1.531	6	344	0.145	2.297
12:00 - 13:00	6	344	0.145	2.297	6	344	0.194	3.062	6	344	0.339	5.359
13:00 - 14:00	6	344	0.097	1.531	6	344	0.145	2.297	6	344	0.242	3.828
14:00 - 15:00	6	344	0.097	1.531	6	344	0.097	1.531	6	344	0.194	3.062
15:00 - 16:00	6	344	0.048	0.766	6	344	0.097	1.531	6	344	0.145	2.297
16:00 - 17:00	6	344	0.048	0.766	6	344	0.000	0.000	6	344	0.048	0.766
17:00 - 18:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
18:00 - 19:00	6	344	0.048	0.766	6	344	0.048	0.766	6	344	0.096	1.532
19:00 - 20:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
20:00 - 21:00	6	344	0.048	0.766	6	344	0.145	2.297	6	344	0.193	3.063
21:00 - 22:00	6	344	0.000	0.000	6	344	0.000	0.000	6	344	0.000	0.000
22:00 - 23:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
23:00 - 24:00	3	313	0.000	0.000	3	313	0.000	0.000	3	313	0.000	0.000
Total Rates:			0.965	15.315			1.113	17.609			2.078	32.924

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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