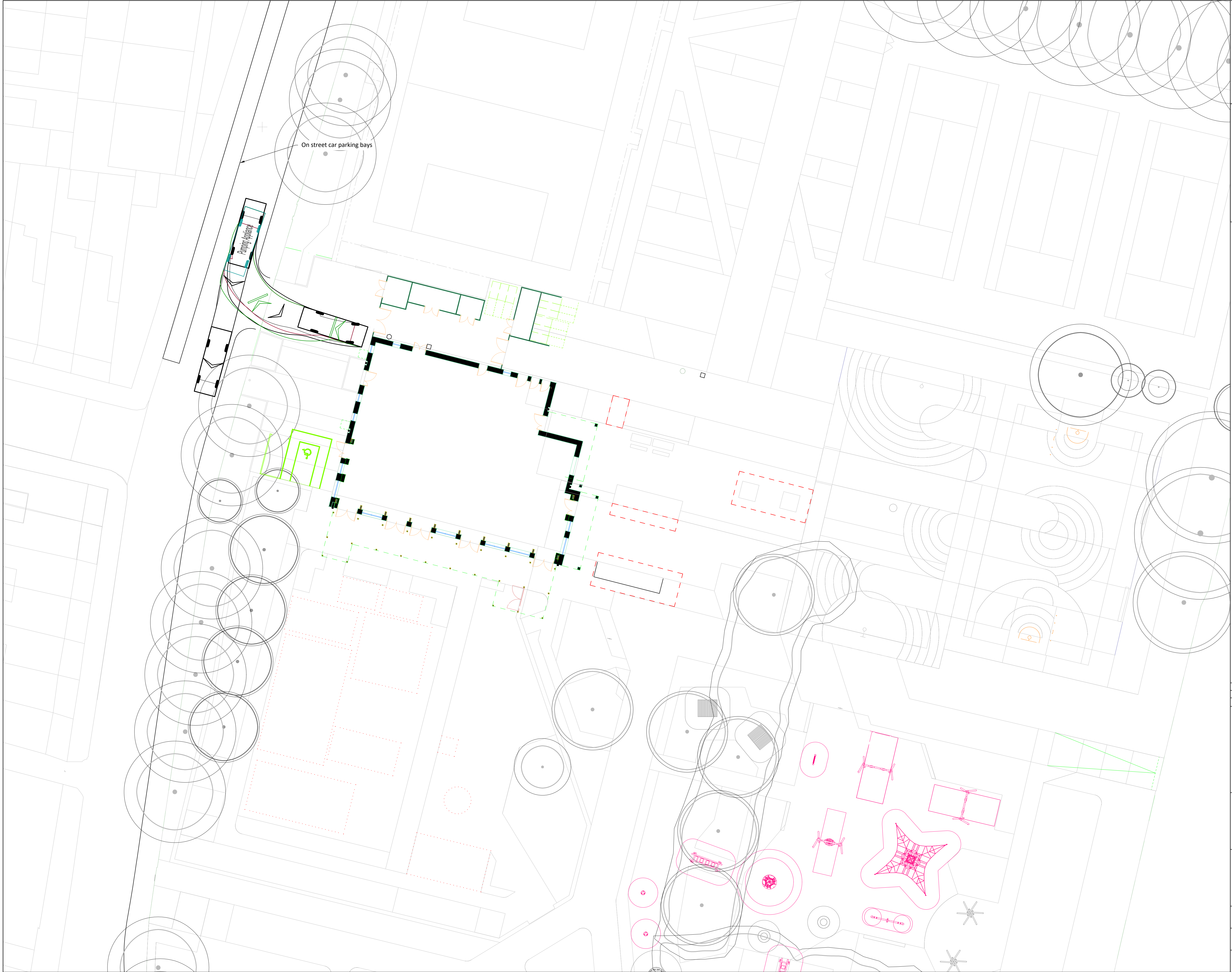


FILE LOCATION PATH: P:\PROJECTS\HOT\2297-01 DOWN LANE PARK TRANSPORT SERVICES\004-BIM\CIVILS\CIVIL 2D\2297-01-CIV-XX-XX-D-H-40001_VEHICLE TRACKING.DWG



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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Pumping Appliance
Overall Length 7.900m
Overall Width 2.500m
Overall Body Height 3.300m
Min Body Ground Clearance 0.140m
Track Width 2.500m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 7.750m

NOTES

1. THE VEHICLE MOVEMENT ENVELOPES SHOWN ARE GENERATED USING AUTODESK VEHICLE TRACKING SOFTWARE AND ARE INDICATIVE ONLY.
2. THE ENVELOPES SHOWN DO NOT MAKE ALLOWANCE FOR DRIVER ABILITY, GRADIENTS AND ALTERNATIVE VEHICLE SPECIFICATIONS
3. BASED ON LEVITT BERNSTEIN ARCHITECTS LANDSCAPE GENERAL ARRANGEMENT REF: 3862-LB-XX-XX-D-L-200002 DATED: 23.10.23

23.11.09	P02	Issued for planning	LD	SK
23.07.27	P01	Issue for information	LD	SK
DATE	REV	DESCRIPTION	DRAWN	CHKD

Civic Engineers

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LEEDS 1 Saw Mill Street, Water Lane, Leeds, LS11 5WB. Tel: 0113 2025 130
GLASGOW 35 Virginia Street, Glasgow, G1 1TH. Tel: 0141 370 1809

www.civicingineers.com

PROJECT

DOWN LANE PARK

TITLE

VEHICLE TRACKING
PUMPING APPLIANCE

DRAWING STATUS					STATUS CODE
PRELIMINARY					-
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED	
2297-01	1:200	JUL-23	LD	SK	
DRAWING No.					REV
2297-01-CIV-XX-XX-D-H-40005					P02

Appendix F –TRICS Outputs

Calculation Reference: AUDIT-758701-230726-0718

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE
TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
BT	BRENT	1 days
TH	TOWER HAMLETS	1 days
WH	WANDSWORTH	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: 920 to 7049 (units: sqm)

Range Selected by User: 408 to 120000 (units: sqm)

Parking Spaces Range: Selected: 0 to 10 Actual: 2 to 1471

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 28/06/22

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
Wednesday	2 days

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

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	2
Neighbourhood Centre (PPS6 Local Centre)	1

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:

Development Zone	1
Built-Up Zone	1
High Street	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	2 days - Selected
Servicing vehicles Excluded	1 days - Selected

Secondary Filtering selection:

Use Class:

Not Known	3 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®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

50,001 to 100,000	2 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:

500,001 or More	3 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	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:

Yes	2 days
No	1 days

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

PTAL Rating:

4 Good	1 days
6a Excellent	1 days
6b (High) Excellent	1 days

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

LIST OF SITES relevant to selection parameters

1	BT-02-A-03 EMPIRE WAY WEMBLEY	OFFICES	BRENT
	Suburban Area (PPS6 Out of Centre) Development Zone Total Gross floor area: 920 sqm Survey date: WEDNESDAY 03/06/15 Survey Type: MANUAL		
2	TH-02-A-01 CAMBRIDGE HEATH ROAD BETHNAL GREEN	OFFICE SPACE FOR RENT	TOWER HAMLETS
	Neighbourhood Centre (PPS6 Local Centre) High Street Total Gross floor area: 7049 sqm Survey date: WEDNESDAY 06/03/19 Survey Type: MANUAL		
3	WH-02-A-03 BROUGHTON STREET NINE ELMS	OFFICE	WANDSWORTH
	Suburban Area (PPS6 Out of Centre) Built-Up Zone Total Gross floor area: 1400 sqm Survey date: MONDAY 16/11/15 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 02 - EMPLOYMENT/A - OFFICE
TOTAL VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.011	3	3123	0.000	3	3123	0.011
07:30 - 08:00	3	3123	0.021	3	3123	0.000	3	3123	0.021
08:00 - 08:30	3	3123	0.053	3	3123	0.021	3	3123	0.074
08:30 - 09:00	3	3123	0.096	3	3123	0.021	3	3123	0.117
09:00 - 09:30	3	3123	0.053	3	3123	0.000	3	3123	0.053
09:30 - 10:00	3	3123	0.021	3	3123	0.011	3	3123	0.032
10:00 - 10:30	3	3123	0.032	3	3123	0.021	3	3123	0.053
10:30 - 11:00	3	3123	0.032	3	3123	0.021	3	3123	0.053
11:00 - 11:30	3	3123	0.021	3	3123	0.032	3	3123	0.053
11:30 - 12:00	3	3123	0.032	3	3123	0.032	3	3123	0.064
12:00 - 12:30	3	3123	0.053	3	3123	0.032	3	3123	0.085
12:30 - 13:00	3	3123	0.043	3	3123	0.075	3	3123	0.118
13:00 - 13:30	3	3123	0.043	3	3123	0.021	3	3123	0.064
13:30 - 14:00	3	3123	0.011	3	3123	0.021	3	3123	0.032
14:00 - 14:30	3	3123	0.032	3	3123	0.032	3	3123	0.064
14:30 - 15:00	3	3123	0.011	3	3123	0.021	3	3123	0.032
15:00 - 15:30	3	3123	0.021	3	3123	0.032	3	3123	0.053
15:30 - 16:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
16:00 - 16:30	3	3123	0.032	3	3123	0.032	3	3123	0.064
16:30 - 17:00	3	3123	0.021	3	3123	0.011	3	3123	0.032
17:00 - 17:30	3	3123	0.032	3	3123	0.128	3	3123	0.160
17:30 - 18:00	3	3123	0.011	3	3123	0.043	3	3123	0.054
18:00 - 18:30	3	3123	0.011	3	3123	0.032	3	3123	0.043
18:30 - 19:00	3	3123	0.000	3	3123	0.021	3	3123	0.021
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.693			0.671			1.364

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:	920 - 7049 (units: sqm)
Survey date range:	01/01/15 - 28/06/22
Number of weekdays (Monday-Friday):	3
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 02 - EMPLOYMENT/A - OFFICE
TAXIS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
07:30 - 08:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:00 - 08:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:30 - 09:00	3	3123	0.011	3	3123	0.011	3	3123	0.022
09:00 - 09:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:30 - 10:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
10:00 - 10:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
10:30 - 11:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:00 - 11:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:30 - 12:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:00 - 12:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:30 - 13:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:00 - 13:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:30 - 14:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:00 - 14:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:30 - 15:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:00 - 15:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:30 - 16:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:00 - 16:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
16:30 - 17:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:00 - 17:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:30 - 18:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:00 - 18:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:30 - 19:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.022			0.022			0.044

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 02 - EMPLOYMENT/A - OFFICE
OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
07:30 - 08:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:00 - 08:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:30 - 09:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:00 - 09:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:30 - 10:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
10:00 - 10:30	3	3123	0.011	3	3123	0.000	3	3123	0.011
10:30 - 11:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:00 - 11:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:30 - 12:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
12:00 - 12:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:30 - 13:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:00 - 13:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:30 - 14:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:00 - 14:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
14:30 - 15:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:00 - 15:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:30 - 16:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:00 - 16:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:30 - 17:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:00 - 17:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:30 - 18:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:00 - 18:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:30 - 19:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.022			0.022			0.044

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 02 - EMPLOYMENT/A - OFFICE
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
07:30 - 08:00	3	3123	0.032	3	3123	0.000	3	3123	0.032
08:00 - 08:30	3	3123	0.053	3	3123	0.000	3	3123	0.053
08:30 - 09:00	3	3123	0.053	3	3123	0.000	3	3123	0.053
09:00 - 09:30	3	3123	0.096	3	3123	0.011	3	3123	0.107
09:30 - 10:00	3	3123	0.032	3	3123	0.000	3	3123	0.032
10:00 - 10:30	3	3123	0.021	3	3123	0.000	3	3123	0.021
10:30 - 11:00	3	3123	0.011	3	3123	0.000	3	3123	0.011
11:00 - 11:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:30 - 12:00	3	3123	0.011	3	3123	0.000	3	3123	0.011
12:00 - 12:30	3	3123	0.011	3	3123	0.021	3	3123	0.032
12:30 - 13:00	3	3123	0.032	3	3123	0.021	3	3123	0.053
13:00 - 13:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
13:30 - 14:00	3	3123	0.011	3	3123	0.000	3	3123	0.011
14:00 - 14:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:30 - 15:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:00 - 15:30	3	3123	0.021	3	3123	0.011	3	3123	0.032
15:30 - 16:00	3	3123	0.011	3	3123	0.032	3	3123	0.043
16:00 - 16:30	3	3123	0.000	3	3123	0.032	3	3123	0.032
16:30 - 17:00	3	3123	0.021	3	3123	0.011	3	3123	0.032
17:00 - 17:30	3	3123	0.000	3	3123	0.064	3	3123	0.064
17:30 - 18:00	3	3123	0.000	3	3123	0.107	3	3123	0.107
18:00 - 18:30	3	3123	0.032	3	3123	0.107	3	3123	0.139
18:30 - 19:00	3	3123	0.000	3	3123	0.064	3	3123	0.064
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.459			0.492			0.951

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 02 - EMPLOYMENT/A - OFFICE
CARS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.011	3	3123	0.000	3	3123	0.011
07:30 - 08:00	3	3123	0.021	3	3123	0.000	3	3123	0.021
08:00 - 08:30	3	3123	0.032	3	3123	0.000	3	3123	0.032
08:30 - 09:00	3	3123	0.085	3	3123	0.011	3	3123	0.096
09:00 - 09:30	3	3123	0.043	3	3123	0.000	3	3123	0.043
09:30 - 10:00	3	3123	0.021	3	3123	0.000	3	3123	0.021
10:00 - 10:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
10:30 - 11:00	3	3123	0.032	3	3123	0.021	3	3123	0.053
11:00 - 11:30	3	3123	0.000	3	3123	0.011	3	3123	0.011
11:30 - 12:00	3	3123	0.032	3	3123	0.021	3	3123	0.053
12:00 - 12:30	3	3123	0.032	3	3123	0.011	3	3123	0.043
12:30 - 13:00	3	3123	0.011	3	3123	0.043	3	3123	0.054
13:00 - 13:30	3	3123	0.032	3	3123	0.011	3	3123	0.043
13:30 - 14:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
14:00 - 14:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
14:30 - 15:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
15:00 - 15:30	3	3123	0.000	3	3123	0.011	3	3123	0.011
15:30 - 16:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
16:00 - 16:30	3	3123	0.021	3	3123	0.021	3	3123	0.042
16:30 - 17:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
17:00 - 17:30	3	3123	0.011	3	3123	0.085	3	3123	0.096
17:30 - 18:00	3	3123	0.011	3	3123	0.043	3	3123	0.054
18:00 - 18:30	3	3123	0.011	3	3123	0.032	3	3123	0.043
18:30 - 19:00	3	3123	0.000	3	3123	0.021	3	3123	0.021
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.428			0.408			0.836

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 02 - EMPLOYMENT/A - OFFICE
 LGVS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
07:30 - 08:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:00 - 08:30	3	3123	0.021	3	3123	0.021	3	3123	0.042
08:30 - 09:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:00 - 09:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:30 - 10:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
10:00 - 10:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
10:30 - 11:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:00 - 11:30	3	3123	0.021	3	3123	0.021	3	3123	0.042
11:30 - 12:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:00 - 12:30	3	3123	0.021	3	3123	0.021	3	3123	0.042
12:30 - 13:00	3	3123	0.032	3	3123	0.032	3	3123	0.064
13:00 - 13:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
13:30 - 14:00	3	3123	0.011	3	3123	0.011	3	3123	0.022
14:00 - 14:30	3	3123	0.011	3	3123	0.011	3	3123	0.022
14:30 - 15:00	3	3123	0.011	3	3123	0.011	3	3123	0.022
15:00 - 15:30	3	3123	0.021	3	3123	0.021	3	3123	0.042
15:30 - 16:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:00 - 16:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:30 - 17:00	3	3123	0.021	3	3123	0.000	3	3123	0.021
17:00 - 17:30	3	3123	0.021	3	3123	0.043	3	3123	0.064
17:30 - 18:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:00 - 18:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:30 - 19:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.213			0.214			0.427

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 02 - EMPLOYMENT/A - OFFICE
MOTOR CYCLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
07:30 - 08:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:00 - 08:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
08:30 - 09:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
09:00 - 09:30	3	3123	0.011	3	3123	0.000	3	3123	0.011
09:30 - 10:00	3	3123	0.000	3	3123	0.011	3	3123	0.011
10:00 - 10:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
10:30 - 11:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:00 - 11:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
11:30 - 12:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:00 - 12:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
12:30 - 13:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:00 - 13:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
13:30 - 14:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:00 - 14:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
14:30 - 15:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:00 - 15:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
15:30 - 16:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:00 - 16:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
16:30 - 17:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:00 - 17:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
17:30 - 18:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:00 - 18:30	3	3123	0.000	3	3123	0.000	3	3123	0.000
18:30 - 19:00	3	3123	0.000	3	3123	0.000	3	3123	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.011			0.011			0.022

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 G – Construction Phasing Plans

The Masterplan

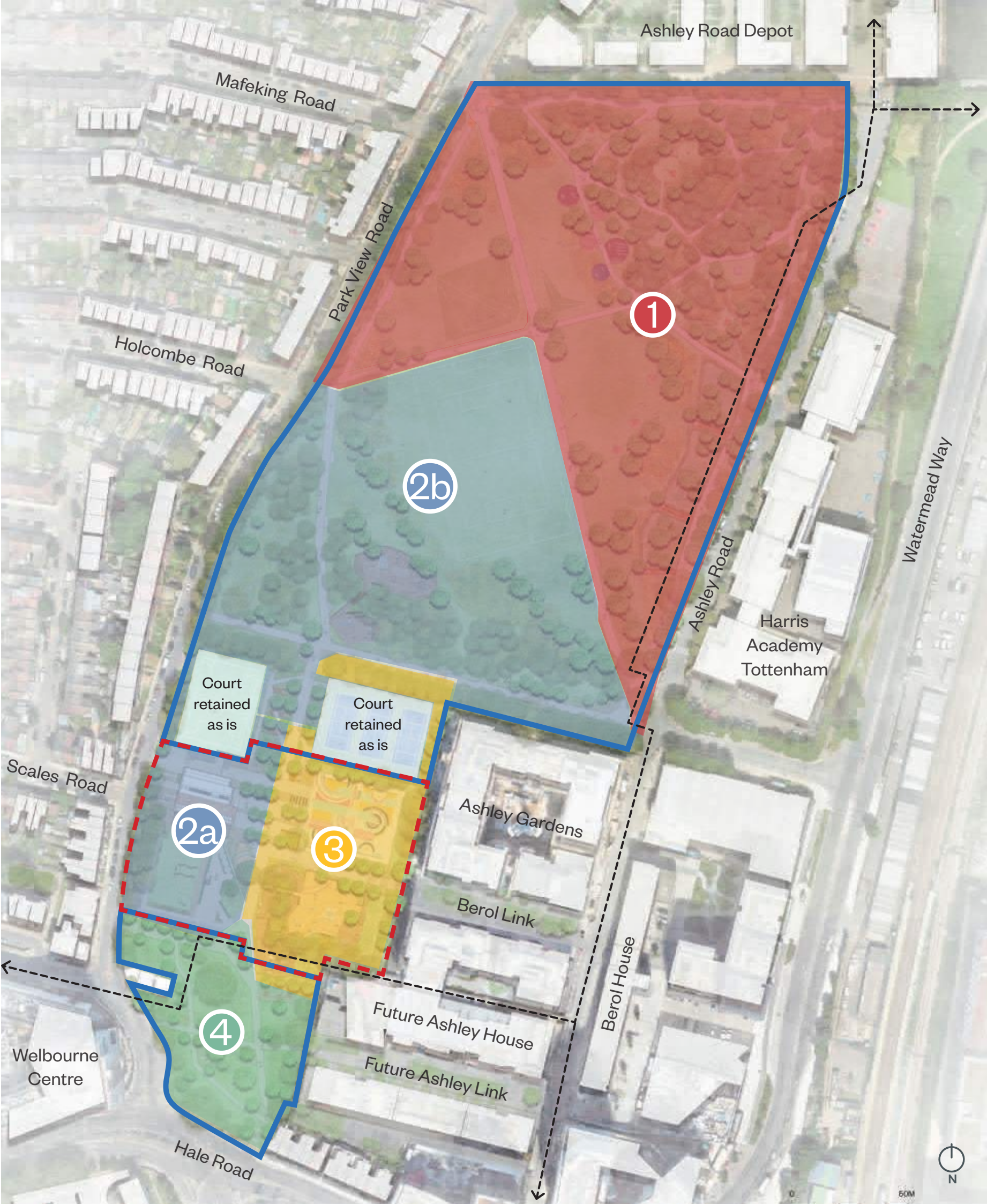
Phasing

The scale and ambition of the park improvements requires a phased approach, co-ordinating construction and highways access with the wealth of contextual development coming forward across Tottenham Hale (as set out in the earlier pages of this report).

The adjacent diagram indicates the preliminary approach resolved with the LBH client team to be further distilled during technical design and once a contractor is appointed, to ensure appropriateness and convenience to local people. The sequencing of works will aim to ensure:

- Existing play equipment remains in use until new provisions are installed either substantially or wholly
- AGP, tennis and football facilities remain accessible during construction
- Avoidance of sacrificial works as far as possible
- Significant areas of park are not taken out of public access for excessive periods during construction
- Key public routes are supported and not obstructed for excessive periods of construction
- Continued operation of the Pavilion Pre-School nursery and Living Under One Sun

Phase one of the park improvement works includes the north-east area of the park and has been part-funded by the GLA's Green and Resilient Spaces Fund (GRSF) which aim to: *"...fund large-scale, innovative enhancements to green and blue spaces and the wider public realm that will strengthen London's climate resilience, increase biodiversity, improve access to green space, build green skills and promote health and wellbeing."* The phase one works are devised to co-ordinate with the LBH's de-centralised energy network (DEN) which in part will run through sections of Down Lane Park. The DEN installation is being synchronised with the implementation of the park works to ensure efficiency and avoid doubling up construction periods.



As detailed within preceding pages of this report, the phase one works include:

- New planting to augment and diversify the existing woodland through trees and understorey woodland planting
- Creating new surface-water attenuation basins which will become landscape features in their own right, including timber decked routes, seating, tree planting and informal playable features
- New landforms to provide variation and south-facing seating opportunities
- Outdoor gym equipment relocated and extended by trim trail features and supplementary gym equipment
- A significantly enhanced path network offering improved access for all including:
 - Through the enriched woodland
 - Around the park perimeter forming a new recreation route
 - Creation of a much-needed east-west footway for pupils of the Harris Academy Tottenham

- Phase 1
- Phase 2
- Phase 3
- Phase 4
- Extent of park works to be subject to planning consent
- Park works to be delivered by Permitted Development rights
- Indicative routing of Decentralised Energy Network (DEN) tbc

- Widening of the existing diagonal pathway to improve safety and access
- Improved park entrances and a new pedestrian access linking into the 'Ashley Road Depot' new housing community currently in construction directly north of the park
- New cycle parking in convenient and well over-looked locations
- Strategic new lighting which considers people as well as wildlife

The phase one works have been devised with an awareness of LBH's aspiration to deliver streetscape enhancements to Ashley Road (north) to improve the pedestrian experience along this road. Whilst proposals are not yet being actively progressed by LBH, the new park works seek to reach-out to a future-envisioned streetscape with playable features, planting and seating. In the intervening period before improvements are made to Ashley Road, the park will offer improved permeability to the street (removal of railings whilst defending the park edge from vehicles) whilst also taking surface water-run off from the carriageway and into the park's proposed sustainable urban drainage features.



Sketch 'vision' for future Ashley Road streetscape improvements (facing south with park on right)

Manchester

Carver's Warehouse
77 Dale Street
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