

Newcombe Close
Manchester
Transport Statement
Volume 2
250224/SK22440/TS01(-03)

Contents

	Page
1 Introduction	1
2 Baseline Situation	1
3 Development Proposal	3
4 Accessibility Assessment	4
5 Impact Assessment	9
6 Conclusions	11

Appendices

- A Development Layout
- B Eastlands Resident Parking Zone
- C Vehicle Access Layout
- D Travel Plan
- E Swept Path Analysis
- F TRICS Output

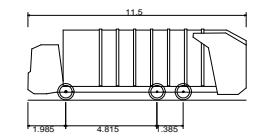
Project	Document	Rev	Description	Authorised by	Signed	Date
SK22440	TS	00	Draft Text Only Issue	L Speers	LGS	24/10/2024
SK22440	TS	01	Updated Layout	L Speers	LGS	22/11/2024
SK22440	TS	02	Updated Layout	L Speers	LGS	17/12/2024
SK22440	TS	03	Updated Layout	L Speers	LGS	24/02/2025

Appendix E

THIS DRAWING MAY BE USED ONLY FOR
THE PURPOSE INTENDED AND ONLY
WRITTEN DIMENSIONS SHALL BE USED

NOTES

Vehicle Profile



MCC RCV
Overall Length
Overall Width
Overall Body Height
Min Body Ground Clearance
Track Width
Lock to Lock Time
Wall to Wall Turning Radius

11.500m
2.550m
3.751m
0.304m
2.500m
2.00 sec
9.700m

Revision Details	By Check	Date	Suffix

Drawing Number

SK22440-006

Newcombe Close

Drawing Title

Swept Path Analysis Refuse Collection Vehicle

Scale at A3

1:500

	Drawn

JAT

Approved

LGS

	Check

LGS

	Date

25.02.24



SK Transport Planning Ltd
Albion Wharf | Manchester | M1 5LN
www.sktransport.co.uk
0161 234 6509

Appendix F

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : D - AFFORDABLE/LOCAL AUTHORITY FLATS

MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	HG HARINGEY	1 days
02	SOUTH EAST	
	BH BRIGHTON & HOVE	1 days
03	SOUTH WEST	
	GS GLOUCESTERSHIRE	2 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NG NOTTINGHAM	1 days

Primary Filtering selection:

Parameter: No of Dwellings
 Actual Range: 15 to 90 (units:)
 Range Selected by User: 10 to 467 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/13 to 04/05/23

Selected survey days:

Tuesday	1 days
Wednesday	1 days
Thursday	3 days
Friday	1 days

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	6
------------------------------------	---

Selected Location Sub Categories:

Residential Zone	6
------------------	---

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	3 days - Selected
Servicing vehicles Excluded	5 days - Selected

Secondary Filtering selection:Use Class:

C3	6 days
----	--------

Population within 500m Range:

All Surveys Included

Population within 1 mile:

15,001 to 20,000	1 days
25,001 to 50,000	3 days
50,001 to 100,000	2 days

Population within 5 miles:

125,001 to 250,000	3 days
250,001 to 500,000	2 days
500,001 or More	1 days

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	2 days

Travel Plan:

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

PTAL Rating:

No PTAL Present	5 days
4 Good	1 days

LIST OF SITES relevant to selection parameters

1	BH-03-D-03	FLATS & HOUSES	BRIGHTON & HOVE
	WELLINGTON ROAD		
	BRIGHTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	15	
	Survey date: THURSDAY	16/10/14	Survey Type: MANUAL
2	GS-03-D-01	BLOCKS OF FLATS	GLOUCESTERSHIRE
	SAINT STEPHEN'S ROAD		
	CHELTENHAM SPA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	40	
	Survey date: THURSDAY	04/05/23	Survey Type: MANUAL
3	GS-03-D-02	BLOCKS OF FLATS	GLOUCESTERSHIRE
	PRINCESS ELIZABETH WAY		
	CHELTENHAM SPA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	27	
	Survey date: THURSDAY	04/05/23	Survey Type: MANUAL
4	HG-03-D-03	BLOCKS OF FLATS	HARINGEY
	COMMERCE ROAD		
	WOOD GREEN		
	WOODSIDE PARK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	90	
	Survey date: FRIDAY	26/09/14	Survey Type: MANUAL
5	LN-03-D-02	FLATS	LINCOLNSHIRE
	ADDISON DRIVE		
	LINCOLN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	22	
	Survey date: WEDNESDAY	01/07/15	Survey Type: MANUAL
6	NG-03-D-01	BLOCK OF FLATS	NOTTINGHAM
	WATCOMBE ROAD		
	NOTTINGHAM		
	CARRINGTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	22	
	Survey date: TUESDAY	23/06/15	Survey Type: MANUAL

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL TOTAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period
Total People to Total Vehicles ratio (all time periods and directions): 3.30

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.065	6	36	0.097	6	36	0.162
08:00 - 09:00	6	36	0.032	6	36	0.116	6	36	0.148
09:00 - 10:00	6	36	0.074	6	36	0.097	6	36	0.171
10:00 - 11:00	6	36	0.065	6	36	0.088	6	36	0.153
11:00 - 12:00	6	36	0.093	6	36	0.088	6	36	0.181
12:00 - 13:00	6	36	0.060	6	36	0.056	6	36	0.116
13:00 - 14:00	6	36	0.069	6	36	0.069	6	36	0.138
14:00 - 15:00	6	36	0.074	6	36	0.069	6	36	0.143
15:00 - 16:00	6	36	0.106	6	36	0.093	6	36	0.199
16:00 - 17:00	6	36	0.139	6	36	0.083	6	36	0.222
17:00 - 18:00	6	36	0.111	6	36	0.069	6	36	0.180
18:00 - 19:00	6	36	0.060	6	36	0.056	6	36	0.116
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.948			0.981			1.929

Parameter summary

Trip rate parameter range selected:15 - 90 (units:)

Survey date date range:01/01/13 - 04/05/23

Number of weekdays (Monday-Friday):6

Number of Saturdays:0

Number of Sundays:0

Surveys automatically removed from selection:0

Surveys manually removed from selection:0

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL TAXIS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.009	6	36	0.009	6	36	0.018
08:00 - 09:00	6	36	0.005	6	36	0.005	6	36	0.010
09:00 - 10:00	6	36	0.005	6	36	0.005	6	36	0.010
10:00 - 11:00	6	36	0.000	6	36	0.000	6	36	0.000
11:00 - 12:00	6	36	0.005	6	36	0.005	6	36	0.010
12:00 - 13:00	6	36	0.000	6	36	0.000	6	36	0.000
13:00 - 14:00	6	36	0.005	6	36	0.005	6	36	0.010
14:00 - 15:00	6	36	0.005	6	36	0.005	6	36	0.010
15:00 - 16:00	6	36	0.005	6	36	0.005	6	36	0.010
16:00 - 17:00	6	36	0.000	6	36	0.000	6	36	0.000
17:00 - 18:00	6	36	0.000	6	36	0.000	6	36	0.000
18:00 - 19:00	6	36	0.000	6	36	0.000	6	36	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.039			0.039			0.078

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL OGVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.000	6	36	0.000	6	36	0.000
08:00 - 09:00	6	36	0.005	6	36	0.000	6	36	0.005
09:00 - 10:00	6	36	0.005	6	36	0.009	6	36	0.014
10:00 - 11:00	6	36	0.005	6	36	0.000	6	36	0.005
11:00 - 12:00	6	36	0.000	6	36	0.005	6	36	0.005
12:00 - 13:00	6	36	0.005	6	36	0.005	6	36	0.010
13:00 - 14:00	6	36	0.000	6	36	0.000	6	36	0.000
14:00 - 15:00	6	36	0.000	6	36	0.000	6	36	0.000
15:00 - 16:00	6	36	0.000	6	36	0.000	6	36	0.000
16:00 - 17:00	6	36	0.000	6	36	0.000	6	36	0.000
17:00 - 18:00	6	36	0.000	6	36	0.000	6	36	0.000
18:00 - 19:00	6	36	0.000	6	36	0.000	6	36	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.020			0.019			0.039

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL CYCLISTS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.000	6	36	0.019	6	36	0.019
08:00 - 09:00	6	36	0.005	6	36	0.023	6	36	0.028
09:00 - 10:00	6	36	0.005	6	36	0.009	6	36	0.014
10:00 - 11:00	6	36	0.005	6	36	0.009	6	36	0.014
11:00 - 12:00	6	36	0.000	6	36	0.005	6	36	0.005
12:00 - 13:00	6	36	0.000	6	36	0.000	6	36	0.000
13:00 - 14:00	6	36	0.000	6	36	0.000	6	36	0.000
14:00 - 15:00	6	36	0.014	6	36	0.014	6	36	0.028
15:00 - 16:00	6	36	0.009	6	36	0.009	6	36	0.018
16:00 - 17:00	6	36	0.014	6	36	0.014	6	36	0.028
17:00 - 18:00	6	36	0.009	6	36	0.005	6	36	0.014
18:00 - 19:00	6	36	0.019	6	36	0.000	6	36	0.019
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.080			0.107			0.187

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.028	6	36	0.088	6	36	0.116
08:00 - 09:00	6	36	0.056	6	36	0.222	6	36	0.278
09:00 - 10:00	6	36	0.083	6	36	0.079	6	36	0.162
10:00 - 11:00	6	36	0.083	6	36	0.074	6	36	0.157
11:00 - 12:00	6	36	0.097	6	36	0.079	6	36	0.176
12:00 - 13:00	6	36	0.139	6	36	0.134	6	36	0.273
13:00 - 14:00	6	36	0.106	6	36	0.153	6	36	0.259
14:00 - 15:00	6	36	0.144	6	36	0.153	6	36	0.297
15:00 - 16:00	6	36	0.259	6	36	0.181	6	36	0.440
16:00 - 17:00	6	36	0.134	6	36	0.088	6	36	0.222
17:00 - 18:00	6	36	0.125	6	36	0.093	6	36	0.218
18:00 - 19:00	6	36	0.139	6	36	0.102	6	36	0.241
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.393			1.446			2.839

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.005	6	36	0.097	6	36	0.102
08:00 - 09:00	6	36	0.000	6	36	0.157	6	36	0.157
09:00 - 10:00	6	36	0.014	6	36	0.037	6	36	0.051
10:00 - 11:00	6	36	0.014	6	36	0.028	6	36	0.042
11:00 - 12:00	6	36	0.005	6	36	0.019	6	36	0.024
12:00 - 13:00	6	36	0.014	6	36	0.060	6	36	0.074
13:00 - 14:00	6	36	0.037	6	36	0.019	6	36	0.056
14:00 - 15:00	6	36	0.032	6	36	0.028	6	36	0.060
15:00 - 16:00	6	36	0.074	6	36	0.009	6	36	0.083
16:00 - 17:00	6	36	0.088	6	36	0.028	6	36	0.116
17:00 - 18:00	6	36	0.069	6	36	0.005	6	36	0.074
18:00 - 19:00	6	36	0.088	6	36	0.009	6	36	0.097
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.440			0.496			0.936

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period
Total People to Total Vehicles ratio (all time periods and directions): 3.30

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.083	6	36	0.315	6	36	0.398
08:00 - 09:00	6	36	0.097	6	36	0.556	6	36	0.653
09:00 - 10:00	6	36	0.185	6	36	0.255	6	36	0.440
10:00 - 11:00	6	36	0.185	6	36	0.222	6	36	0.407
11:00 - 12:00	6	36	0.208	6	36	0.199	6	36	0.407
12:00 - 13:00	6	36	0.245	6	36	0.259	6	36	0.504
13:00 - 14:00	6	36	0.218	6	36	0.241	6	36	0.459
14:00 - 15:00	6	36	0.287	6	36	0.292	6	36	0.579
15:00 - 16:00	6	36	0.505	6	36	0.319	6	36	0.824
16:00 - 17:00	6	36	0.431	6	36	0.227	6	36	0.658
17:00 - 18:00	6	36	0.324	6	36	0.204	6	36	0.528
18:00 - 19:00	6	36	0.324	6	36	0.194	6	36	0.518
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.092			3.283			6.375

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL LGVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.019	6	36	0.028	6	36	0.047
08:00 - 09:00	6	36	0.005	6	36	0.023	6	36	0.028
09:00 - 10:00	6	36	0.014	6	36	0.032	6	36	0.046
10:00 - 11:00	6	36	0.023	6	36	0.023	6	36	0.046
11:00 - 12:00	6	36	0.028	6	36	0.019	6	36	0.047
12:00 - 13:00	6	36	0.009	6	36	0.005	6	36	0.014
13:00 - 14:00	6	36	0.014	6	36	0.023	6	36	0.037
14:00 - 15:00	6	36	0.019	6	36	0.019	6	36	0.038
15:00 - 16:00	6	36	0.014	6	36	0.014	6	36	0.028
16:00 - 17:00	6	36	0.032	6	36	0.019	6	36	0.051
17:00 - 18:00	6	36	0.019	6	36	0.009	6	36	0.028
18:00 - 19:00	6	36	0.023	6	36	0.009	6	36	0.032
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.219			0.223			0.442

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS
MULTI-MODAL MOTOR CYCLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	36	0.000	6	36	0.000	6	36	0.000
08:00 - 09:00	6	36	0.000	6	36	0.000	6	36	0.000
09:00 - 10:00	6	36	0.000	6	36	0.000	6	36	0.000
10:00 - 11:00	6	36	0.000	6	36	0.009	6	36	0.009
11:00 - 12:00	6	36	0.000	6	36	0.000	6	36	0.000
12:00 - 13:00	6	36	0.000	6	36	0.000	6	36	0.000
13:00 - 14:00	6	36	0.000	6	36	0.000	6	36	0.000
14:00 - 15:00	6	36	0.000	6	36	0.000	6	36	0.000
15:00 - 16:00	6	36	0.000	6	36	0.000	6	36	0.000
16:00 - 17:00	6	36	0.000	6	36	0.000	6	36	0.000
17:00 - 18:00	6	36	0.000	6	36	0.005	6	36	0.005
18:00 - 19:00	6	36	0.000	6	36	0.000	6	36	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.014			0.014