

Heaton Grange, Batley

Highways Supporting Statement

10 July 2026

AMA Project Number: 301041/JC

INTRODUCTION

Andrew Moseley Associates (AMA) has been commissioned to prepare a Highways Supporting Statement (HSS) for submission as part of an application for a residential development consisting of 21 residential properties on land to the west of Heaton Grange, to the south of Batley.

The proposed site layout plan is attached in [Appendix A](#).

This Statement sets out the following elements:

- ▶ Description of Site Location
- ▶ Details of the Local Highway Network
- ▶ Collision Data
- ▶ Sustainable Modes Access
- ▶ Proposed Development and Access Proposals
- ▶ Parking
- ▶ Refuse Collection and Servicing
- ▶ Traffic Generation and Likely Highways Impact
- ▶ Conclusion

This Statement is also supported by the following Figures and Appendices:

- ▶ [Figure 1](#) – Site Location Plan
- ▶ [Appendix A](#) – Development Proposals
- ▶ [Appendix B](#) – TRICS Output

DESCRIPTION OF SITE LOCATION

The site is located west of Heaton Grange, in the Soothill area of the town of Batley, within the Kirklees district. The indicative location of the site is indicated on [Figure 1](#).

The site currently comprises undeveloped land, and is bound to the north by commercial premises, Mill Lane to the west, residential properties north of Bromley Road to the south, and Heaton Grange to the east.

The Local Planning Authority (LPA) and Local Highway Authority (LHA) is Kirklees Council.

Figure 1 Site Location Plan (Indicative)



DETAILS OF THE LOCAL HIGHWAY NETWORK

The site would be accessed from Heaton Grange, a residential cul-de-sac. Heaton Grange has a carriageway width of 5.5 metres with footways on both sides. It is subject to a 30mph speed limit and is street-lit.

From a junction with Bromley Road, it runs in a northern direction for approximately 75 metres, where it connects to a dedicated pedestrian footpath link that provides access to an outdoor play/recreation facility. A further section of Heaton Grange heads in a westerly direction, where it terminates with a turning head. Greenhill Court is also accessed via Heaton Grange, a further residential cul-de-sac situated east of the site.

Bromley Road, located to the south of the site, commences at its junction with Mill Lane. Bromley Road runs east for approximately 350 metres serving adjacent residential properties, at which point it becomes a farm track providing access to Springwell Farm. Bromley Road is a two-way single-carriageway road with footways provided on both sides. It has a carriageway width of approximately 6.0m, with street lighting. It is subject to a 30mph speed limit. Bromley Road connects to Mill Lane via a simple priority junction.

Mill Lane is a single-carriageway road, providing a route to Batley town centre from the Shaw Cross area to the southeast, as well as access to adjacent residential dwellings and Mill Lane Primary School.

The site has been shown to be well located for access to the local and regional highway networks.

COLLISION DATA

To consider the last five years of Personal Injury Collision (PIC) data within the vicinity of the site, an initial study of the CrashMap database has been conducted. The most recent five-year period of available data has been considered, ensuring the study is up to date.

No collisions resulting in personal injury were recorded within the study period on Heaton Grange, Bromley Road, or Mill Lane in the vicinity of the site. On this basis, it is considered that there are no existing highway safety concerns.

SUSTAINABLE MODES ACCESS.

The proposed development is accessible on foot, with existing footways present linking the development to the wider network of footways and amenities in the local area. Within a 2km catchment, Soothill, Hanging Heaton, Shaw Cross, and Batley Carr are accessible, each offering a range of amenities, including multiple restaurants and takeaways, sports clubs, parks and walking trails, Batley train station, bus stops, and employment opportunities.

The Public Right of Way (PRoW) BAT 37/20 runs parallel to the site, connecting the industrial estate to the north of the site with Bromley Road.

Within an acceptable 5km cycling catchment of the site, it is considered that all of the areas within the walking catchment are accessible by cycle. Other destinations within the 5km catchment area also include the entirety of Dewsbury, Earlsheaton, Heckmondwike, and parts of Osset and Birstall.

There are bus stops along Mill Lane, approximately 300m from the site, that are accessible on foot. The southbound stop has a bus cage, a flag, and a timetable; the northbound stop has a bus cage, sheltered seating, a flag, and a timetable. The bus stops are served by the 112 and 112a services.

The 112 runs between Batley and Ossett bus stations every two hours between 06:20 and 17:08, Monday to Friday, with a reduced bi-hourly service running on Saturdays between 08:25 and 16:53.

The 112a runs between Batley and Ossett bus Stations, also every two hours from 07:20 to 18:13, Mondays to Saturdays.

These services combine to provide an hourly service to Batley and Ossett, and links to Gawthorpe, Shaw Cross, and Hanging Heaton.

Batley train station is located 700 metres north of the site access, approximately an 11-minute walk or a five-minute cycle. This station offers 20 parking spaces, including two accessible bays, and four bike parking spaces, which are unsheltered and secured by CCTV. The station operated four services an hour towards Leeds, Hebden Bridge and Bradford Interchange.

Overall, it is clear that the site is well located to local services and amenities and to public transport facilities. It is therefore considered that future residents will not rely on private cars for everyday journeys, in line with local and national transport planning policy.

PROPOSED DEVELOPMENT AND ACCESS PROPOSALS

The proposed development consists of 21 dwellings with a mix of two and three-bedroom properties, including access, internal layout, and associated parking to be accessed from an extension of Heaton Grange. A copy of the proposed site layout is in [Appendix A](#).

Access to the site will take the form of a shared-surface street with hard margins on both sides and a carriageway width of 5.5m. The proposed access will include suitable parking provision, visibility, and turning facilities to meet adoptable standards. Drawings showing the proposed internal highway layout and visibility splays are provided at [Appendix A](#).

A dedicated footpath link is proposed as part of the development, which will allow residents to directly access the existing play/recreational area to the east of the site.

PARKING

Parking will be provided in the form of driveways for individual dwellings.

2-bed dwellings will have a minimum of 1 parking space, and 3-bed dwellings will have 2 parking spaces.

Each dwelling will be provided with the facilities for electric car charging and secure cycle parking.

REFUSE COLLECTION AND SERVICING

Swept path analysis of the proposed site layout has been undertaken to demonstrate that the site can be accessed by refuse collection vehicles (as the largest vehicle likely to regularly access the site in practice), and is provided at [Appendix A](#).

TRAFFIC GENERATION AND LIKELY HIGHWAYS IMPACT

The development proposes 21 dwellings with a mixture of two and three-bedroom units.

The TRICS database has been interrogated to obtain vehicle trip rates of the proposed development. The full TRICS output is provided in [Appendix B](#).

The time period of 08:00-09:00 has been selected for the AM peak hour, whilst the time period of 17:00-18:00 has been selected for the PM peak hour; these represent the times at which the development will generate most traffic. The vehicle trip rates derived are summarised in [Table 1](#) and have been factored against a development of 21 dwellings.

Table 1 Peak Hour Trip Rates and Trip Generation: TRICS Trip Rates

	AM Peak			PM Peak		
	Arrivals	Departures	Total	Arrivals	Departures	Total
Trip Rate	0.161	0.402	0.563	0.324	0.189	0.513
Trip Generation	3	8	12	7	4	11

Notwithstanding the TRICS assessment above, Kirklees Council require a trip rate of 0.7 to be applied to new residential developments. This is presented as a sensitivity test in addition to the TRICS assessment above, as an extremely robust assessment of the trip generation that can be expected in practice. [Table 3](#) summarises the trip generation assuming the trip rates provided by the Council.

Table 3 Peak Hour Trip Rates and Trip Generation: Kirklees Council Trip Rate

	AM Peak			PM Peak		
	Arrivals	Departures	Total	Arrivals	Departures	Total
Trip Rate	0.2	0.5	0.7	0.5	0.2	0.7
Trip Generation	4	11	15	11	4	15

Regardless of the trip rates used, the development will generate approximately 15 trips during the peak hours, which, on average, equates to an additional vehicle every 4 minutes. It is considered that this does not result in any significant or severe impacts on the wider local highway network and would be imperceptible in practice.

CONCLUSION

It is considered that the information contained in this Statement provides sufficient detail to demonstrate that the impact of the proposals will not be detrimental to the local highway network.

The proposed development is not expected to generate a significant level of vehicle movements and will therefore not result in a severe impact in highway capacity terms. There should therefore be no transport-based objections to the proposals.

Appendix A
Development Proposals

- Key:**
- 1.8m High close boarded timber fence + posts with lockable timber gates as subcontractor design.
 - 1.5m high timber fence to contractor design.
 - 1.1m high timber post and rail edge protection, where level changes of 600mm height or greater occur.
 - 2.4m high timber acoustic fence to specialist design.
 - Proposed ASPH unit locations.
 - Precast concrete paving flags. 600x90x50mm
 - Existing trees to be removed subject to review and approval.
 - Existing trees retained
 - Proposed trees subject to landscaping proposal
 - Driveways - Tarmacadam surface with pin kerbs
 - Attenuation
 - Open Space
 - Existing drain easement
 - Block paving
 - Car charging point
 - Retaining structure to engineer's detail
 - Retaining structure with edge protection where change in level >600mm. Stepped access provided to lower gardens. Retainment shown indicatively, see engineers proposals.
 - Levels shown indicatively, subject to engineers review and agreed highway gradients.
 - Timber knee rail fence. Birdsmouth profile.

Notes

Layout based on topographical survey and subject to visitors parking requirements. Layout dependant upon confirmation of legal site boundary, Arboricultural survey, Statutory Services information & subject to Highway approval

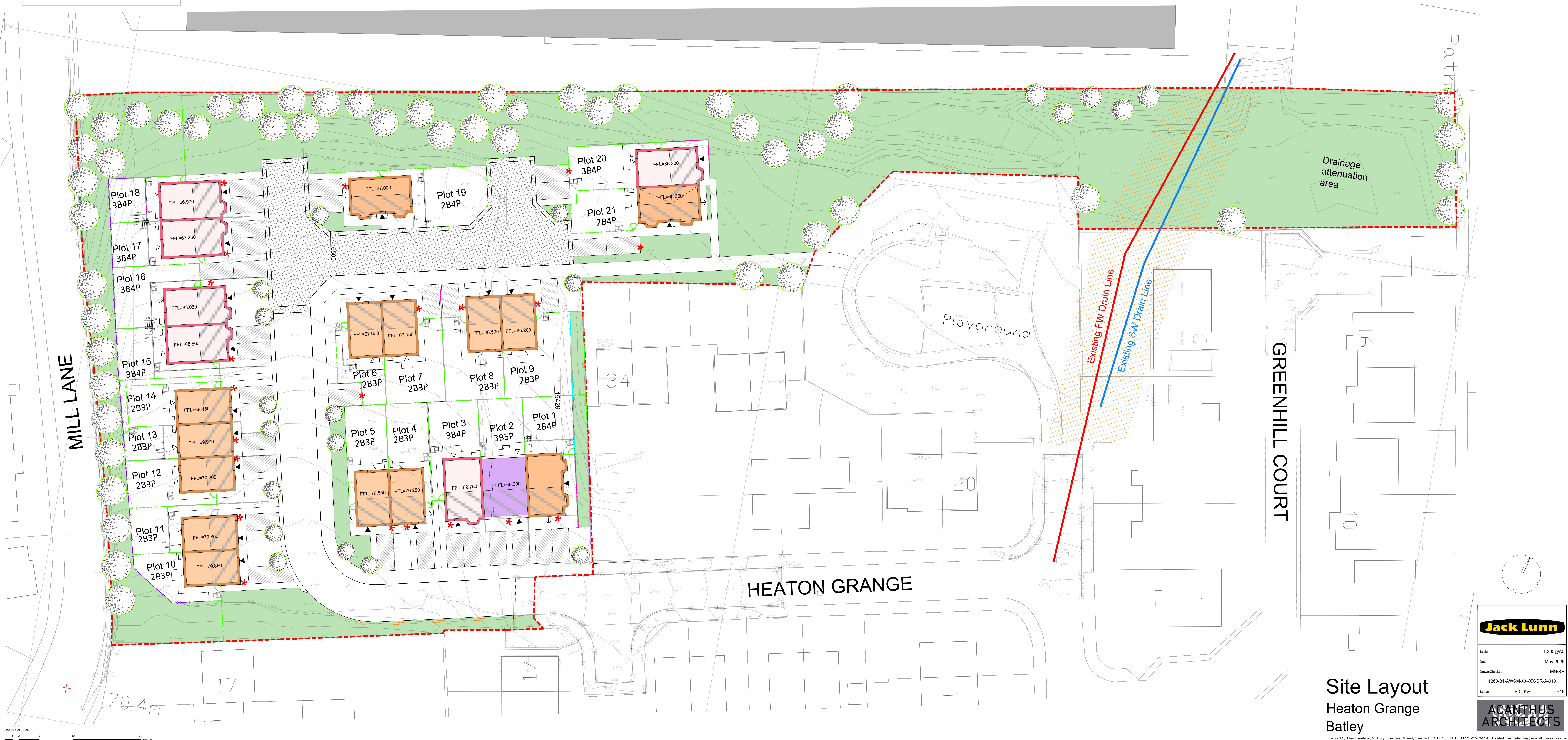
Drainage strategy subject to further detailed design, subject to Phase I & II Geo-technical Survey and Drainage Assessment.

Boundary Treatments & Finish floor levels subject to further detailed design.

Aspect distances subject to agreement with local authority.

Schedule of Accommodation (Housing)		End	Mid-terrace	Detached	Total	Total (%)
	2B3P Ellerdale (HT2AF) @70.7m²	M4(1)	-10no.	-01no.	-	-11no. -52%
	2B4P Dovedale (HT2C) @84.3m²	M4(1)	-02no.	-	-01no.	-03no. -14%
	3B4P Loxley (HT3B) @87.7m²	M4(1)	-06no.	-	-	-06no. -29%
	3B5P Dentdale @98.3m²	M4(1)	-	-01no.	-	-01no. -5%
Total	Net - 17815.3 ft² Net - 1655.1 m²		-18no.	-02no.	-01no.	-21no. -100%

Gross site area		Net site area	
Hectares	0.84 ha	Hectares	0.46 ha
Acres	2.07 acres	Acres	1.13 acres
Density (Gross)		Density (Net)	
Dwellings/ ha	25	Dwellings/ ha	45.65
Dwellings/ acre	10.14	Dwellings/ acre	18.58



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The general contractor is responsible for the verification of all dimensions on site and the architect is to be informed of any discrepancy

The status of information contained in a computer copy of this drawing shall be limited to that conveyed by the paper copy

Revisions:

Rev.	Date	By/DK
Rev.	02.12.2025	MN/SH
Rev.	03.12.2025	MN/SH
Rev.	05.12.2025	MN/SH
Rev.	06.12.2025	MN/SH
Rev.	07.12.2025	MN/SH
Rev.	08.12.2025	MN/SH
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Rev.	15.12.2025	MN/SH
Rev.	16.12.2025	MN/SH
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Rev.	29.05.2026	MN/SH
Rev.	30.05.2026	MN/SH
Rev.	31.05.2026	MN/SH

Site Layout
Heaton Grange
Batley

Jack Lunn

Scale: 1:200@A0
Date: May 2026
Drawn/Checked: MN/SH
1260-81-AWSM-XX-XX-DR-A-010
Status: S0 Rev: P16

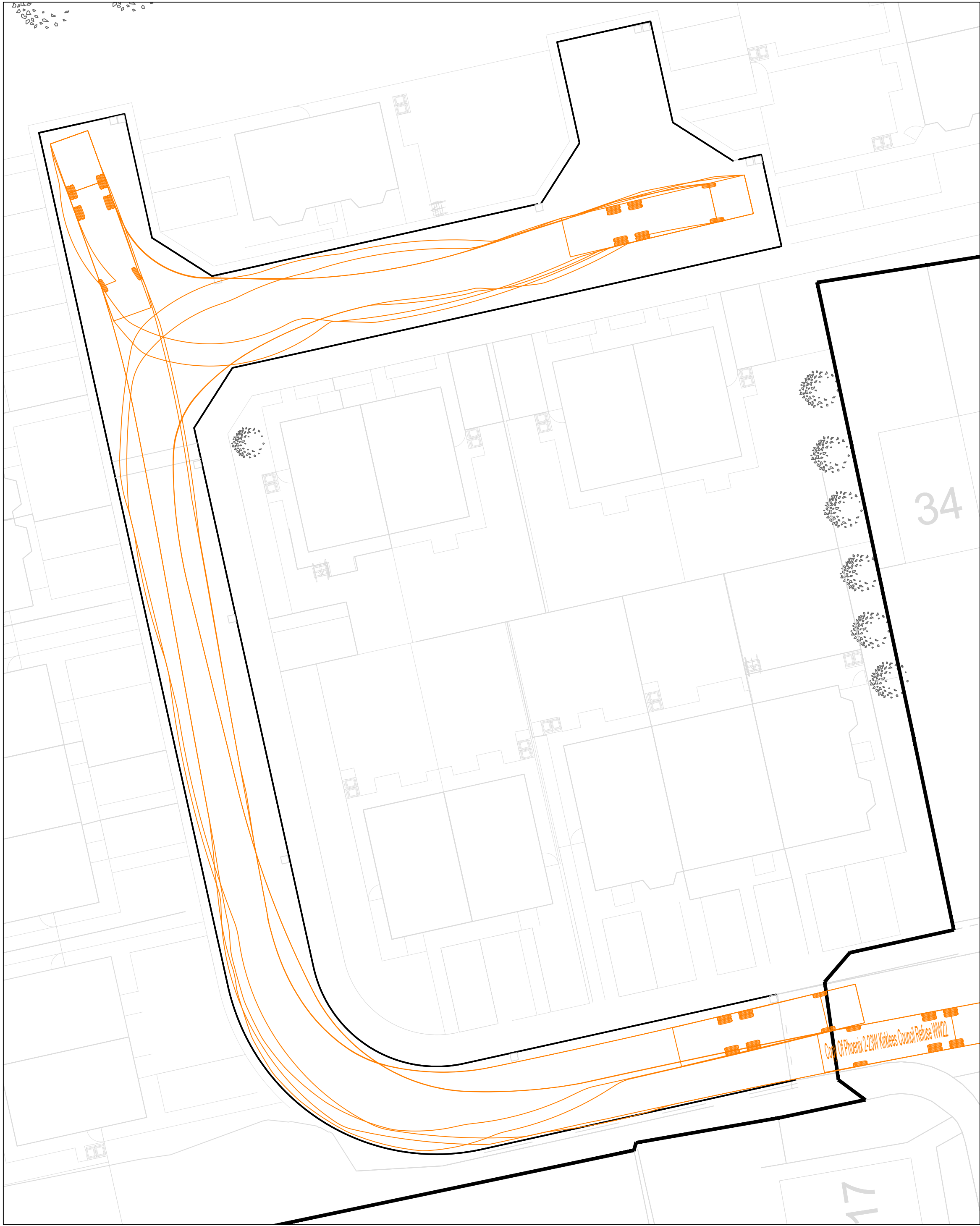
ACANTHUS ARCHITECTS

Studio 11, The Basilica, 2 King Charles Street, Leeds LS1 6LS. TEL: 0113 239 3414. E-Mail: architects@acanthuswsm.com

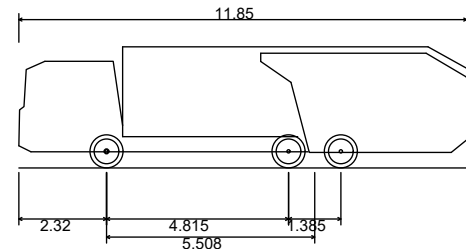


1 Visibility Layout
1 : 200

P2	Architectural layout updated.	MH		13.04.2026
P1	First Issue	MH		13.03.2026
Rev	Revision Description	By	Chk	Date
SCALE @ A1		ISSUING OFFICE	MSJ PROJECT NUMBER	
1 : 200		Leeds	225114	
STATUS		PURPOSE OF ISSUE		
S3		For Comment		
MSJ Melia Smith & Jones Melia Smith & Jones Consulting Civil & Structural Engineers Vinery Court 58 Cardigan Lane Leeds LS4 2LD 0113 236080 www.msj.co.uk				
PROJECT				
Hanging Heaton Batley				
TITLE				
Visibility Splays				
CLIENT				
Jack Lunn				
DRAWING NUMBER				REV
225114-MSJ-ZZ-XX-DR-C-3005				P2



1 Vehicle Tracking Layout
1 : 200



Copy Of Phoenix 2-23W Kirklees Council Refuse WW22
Overall Length 11.850m
Overall Width 2.500m
Overall Body Height 3.205m
Min Body Ground Clearance 0.410m
Track Width 2.500m
Lock to lock time 4.00s
Wall to Wall Turning Radius 11.035m

P2	Architectural layout updated.			MH	13.04.2026
P1	First Issue			MH	13.03.2026
Rev	Revision Description			By	Chk Date
SCALE @ A1		ISSUING OFFICE		MSJ PROJECT NUMBER	
1 : 200		Leeds		225114	

STATUS	PURPOSE OF ISSUE
S3	FOR COMMENT

MSJ

Melia Smith & Jones

Melia Smith & Jones

Consulting Civil & Structural Engineers

Vinery Court

58 Cardigan Lane

Leeds LS4 2JD

0113 2366060

www.msj.co.uk

PROJECT	Hanging Heaton Batley		
TITLE	Vehicle Tracking		
CLIENT			
DRAWING NUMBER	225114-MSJ-ZZ-XX-DR-C-3006	REV	P2

Appendix B
TRICS Output

Audit Code: 8c60b9f6-6127-4085-9545-954f957c5af8

Filtering Summary:

Land Use: 03/A RESIDENTIAL/HOUSES PRIVATELY OWNED

Selected Trip Rate Calculation Parameter Range: 0 - 50 DWELLS

Actual Trip Rate Calculation Parameter Range: 6 - 50 DWELLS

Date Range: Minimum: 01/01/2016 Maximum: 24/03/2026

Parking Spaces Range: All Surveys Selected

Parking Spaces Per Dwelling Range: All Surveys Selected

Bedrooms Per Dwelling Range: All Surveys Selected

Percentage of Dwellings Privately Owned: All Surveys Selected

Population Within 500m Range: 350 8064

Days of the week selected:

Monday	4
Tuesday	5
Wednesday	16
Thursday	6
Friday	2

Main Location Types selected:

Suburban Area	14
Edge of Town	19

Inclusion of Servicing Vehicles Counts:

Servicing Vehicle Excluded	28
Servicing Vehicles Included	5

Population <1 Mile ranges selected:

1,001 to 5,000	5
5,001 to 10,000	9
10,001 to 15,000	7
15,001 to 20,000	4
20,001 to 25,000	3
25,001 to 50,000	4
50,001 to 100,000	1

Audit Code: 8c60b9f6-6127-4085-9545-954f957c5af8

Population <5 Mile ranges selected:

5,000 or Less	1
5,001 to 25,000	5
25,001 to 50,000	4
50,001 to 75,000	4
75,001 to 100,000	3
125,001 to 250,000	9
250,001 to 500,000	4
500,001 or More	3

Car Ownership <5 Mile ranges selected:

0.6 to 1.0	14
1.1 to 1.5	17
1.6 to 2.0	2

PTAL Rating:

No PTAL Present	33
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Audit Code: 8c60b9f6-6127-4085-9545-954f957c5af8

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: A - HOUSES PRIVATELY OWNED

Selected Vehicle Type: Total Vehicles

**BOLD print indicates peak (busiest) period*

Selected regions and areas:

01	GREATER LONDON	
	EN	ENFIELD 2 days
02	SOUTH EAST	
	BO	BEDFORD 1 day
	BU	BUCKINGHAMSHIRE 1 day
	ES	EAST SUSSEX 1 day
	HC	HAMPSHIRE 1 day
03	SOUTH WEST	
	DC	DORSET 1 day
	GS	GLOUCESTERSHIRE 1 day
	SD	SWINDON 1 day
04	EAST ANGLIA	
	NF	NORFOLK 2 days
	PB	PETERBOROUGH 1 day
05	EAST MIDLANDS	
	NT	NOTTINGHAMSHIRE 1 day
06	WEST MIDLANDS	
	ST	STAFFORDSHIRE 1 day
	WK	WARWICKSHIRE 2 days
	WM	WEST MIDLANDS 1 day
	WO	WORCESTERSHIRE 1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY	NORTH YORKSHIRE 2 days
08	NORTH WEST	
	LC	LANCASHIRE 1 day
09	NORTH	
	DH	DURHAM 1 day
	IM	ISLE OF MAN 1 day
10	WALES	
	VG	VALE OF GLAMORGAN 1 day
11	SCOTLAND	
	HI	HIGHLAND 1 day
14	LEINSTER	
	CC	CARLOW 1 day
	ME	MEATH 1 day
15	GREATER DUBLIN	
	DL	DUBLIN 2 days
16	ULSTER (REPUBLIC OF IRELAND)	
	DN	DONEGAL 2 days
	MG	MONAGHAN 1 day
17	ULSTER (NORTHERN IRELAND)	
	DE	DERRY 1 day

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

Audit Code: 8c60b9f6-6127-4085-9545-954f957c5af8

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:	DWELLS
Actual Range:	6 to 50 (units:DWELLS)
Range Selected by User:	0 to 50 (units:DWELLS)
Parking Spaces Range:	0 - 2824

Public Transport Provision:	
Selection by:	All Surveys Included
Date Range:	01/01/16 to 24/03/26

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	4 days
Tuesday	5 days
Wednesday	16 days
Thursday	6 days
Friday	2 days

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

Selected survey types:	
Manual count	32
Direction ATC Count	1

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

Selected Locations:	
Suburban Area	14 days
Edge of Town	19 days

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

Selected Location Sub Categories:	
Residential Zone	33 days

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 Vehicle Counts:	
Servicing vehicles Excluded	5 days
Servicing vehicles Included	5 days
Servicing vehicles Unknown	23 days

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Secondary Filtering Selection:

Use Class:

C3	33 surveys
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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:

350 - 8064

Population within 1 mile:

1,001 to 5,000	5 surveys
5,001 to 10,000	9 surveys
10,001 to 15,000	7 surveys
15,001 to 20,000	4 surveys
20,001 to 25,000	3 surveys
25,001 to 50,000	4 surveys
50,001 to 100,000	1 surveys

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

Population within 5 miles:

5,000 or Less	1 surveys
5,001 to 25,000	5 surveys
25,001 to 50,000	4 surveys
50,001 to 75,000	4 surveys
75,001 to 100,000	3 surveys
125,001 to 250,000	9 surveys
250,001 to 500,000	4 surveys
500,001 or More	3 surveys

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	14 surveys
1.1 to 1.5	17 surveys
1.6 to 2.0	2 surveys

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.

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Petrol filling station:

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	32 surveys
No	1 surveys

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:

1a (Low) - Very poor	1 surveys
1b - Very poor	1 surveys
No PTAL Present	31 surveys

This data displays the number of surveys within the selected set by PTAL rating category.

COVID-19 Restrictions:

Yes - At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions

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LIST OF SITES relevant to selection parameters:

Site 1:	BO-03-A-01	Number of dwellings:	30.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	15/10/2020
Location:	BEDFORD	Survey Day:	Thursday
Postcode:	MK40 4BF		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 2:	BU-03-A-01	Number of dwellings:	37.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	22/10/2025
Location:	MILTON KEYNES	Survey Day:	Wednesday
Postcode:	MK8 1DX		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 3:	CC-03-A-01	Number of dwellings:	23.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	25/05/2016
Location:	CARLOW	Survey Day:	Wednesday
Postcode:			
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 4:	DC-03-A-12	Number of dwellings:	17.00 DWELLS
Development Name:	PRIVATELY OWNED HOUSES	Survey Date:	06/05/2025
Location:	WEYMOUTH	Survey Day:	Tuesday
Postcode:	DT4 9GJ		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 5:	DE-03-A-04	Number of dwellings:	38.00 DWELLS
Development Name:	SEMI-DETACHED & TERRACED	Survey Date:	19/05/2022
Location:	COLERAINE	Survey Day:	Thursday
Postcode:	BT51 3FD		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 6:	DH-03-A-01	Number of dwellings:	50.00 DWELLS
Development Name:	SEMI DETACHED	Survey Date:	28/03/2017
Location:	BISHOP AUCKLAND	Survey Day:	Tuesday
Postcode:	DL14 6RH		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 7:	DL-03-A-11	Number of dwellings:	19.00 DWELLS
Development Name:	SEMI-DETACHED HOUSES	Survey Date:	19/05/2021
Location:	DUBLIN	Survey Day:	Wednesday
Postcode:			
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 8:	DL-03-A-12	Number of dwellings:	45.00 DWELLS
Development Name:	SEMI-DETACHED & TERRACED	Survey Date:	29/05/2025
Location:	DUBLIN	Survey Day:	Thursday
Postcode:	D04 WE51		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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Site 9:	DN-03-A-06	Number of dwellings:	6.00 DWELLS
Development Name:	DETACHED HOUSING	Survey Date:	10/10/2018
Location:	BALLYBOFEY	Survey Day:	Wednesday
Postcode:			
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 10:	DN-03-A-08	Number of dwellings:	36.00 DWELLS
Development Name:	SEMI DETACHED & DETACHED	Survey Date:	30/09/2020
Location:	CARNDONAGH	Survey Day:	Wednesday
Postcode:	F93 H294		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 11:	EN-03-A-01	Number of dwellings:	32.00 DWELLS
Development Name:	TERRACED & SEMI-DETACHED	Survey Date:	24/11/2021
Location:	COCKFOSTERS	Survey Day:	Wednesday
Postcode:	EN4 8FS		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	1B		
Site 12:	EN-03-A-02	Number of dwellings:	9.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	14/09/2022
Location:	HADLEY WOOD	Survey Day:	Wednesday
Postcode:	EN4 0JA		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	1A		
Site 13:	ES-03-A-13	Number of dwellings:	36.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	18/03/2024
Location:	HEATHFIELD	Survey Day:	Monday
Postcode:	TN21 0UW		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 14:	GS-03-A-03	Number of dwellings:	24.00 DWELLS
Development Name:	PRIVATLEY OWNED HOUSES	Survey Date:	10/10/2024
Location:	TEWKESBURY	Survey Day:	Thursday
Postcode:	GL20 8SG		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 15:	HC-03-A-37	Number of dwellings:	50.00 DWELLS
Development Name:	MIXED HOUSES	Survey Date:	27/03/2024
Location:	FLEET	Survey Day:	Wednesday
Postcode:	GU52 0AF		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 16:	HI-03-A-14	Number of dwellings:	40.00 DWELLS
Development Name:	SEMI-DETACHED & TERRACED	Survey Date:	23/03/2016
Location:	INVERNESS	Survey Day:	Wednesday
Postcode:	IV3 8LX		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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Site 17:	IM-03-A-05	Number of dwellings:	45.00 DWELLS
Development Name:	MIXED HOUSES	Survey Date:	21/05/2024
Location:	CASTLETOWN	Survey Day:	Tuesday
Postcode:	IM9 1TQ		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 18:	LC-03-A-31	Number of dwellings:	32.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	17/11/2017
Location:	PRESTON	Survey Day:	Friday
Postcode:	PR4 0NL		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 19:	ME-03-A-01	Number of dwellings:	42.00 DWELLS
Development Name:	PRIVATELY OWNED HOUSES	Survey Date:	30/10/2024
Location:	RATOATH	Survey Day:	Wednesday
Postcode:	A85 CC66		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 20:	MG-03-A-01	Number of dwellings:	49.00 DWELLS
Development Name:	SEMI-DETACHED HOUSES	Survey Date:	12/10/2021
Location:	MONAGHAN	Survey Day:	Tuesday
Postcode:			
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 21:	NF-03-A-10	Number of dwellings:	17.00 DWELLS
Development Name:	MIXED HOUSES & FLATS	Survey Date:	12/09/2018
Location:	HUNSTANTON	Survey Day:	Wednesday
Postcode:	PE36 5PS		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 22:	NF-03-A-51	Number of dwellings:	34.00 DWELLS
Development Name:	SEMI-DETACHED	Survey Date:	13/09/2022
Location:	NORWICH	Survey Day:	Tuesday
Postcode:	NR1 2HJ		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 23:	NT-03-A-08	Number of dwellings:	36.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	18/10/2021
Location:	HUCKNALL	Survey Day:	Monday
Postcode:	NG15 8JN		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 24:	NY-03-A-13	Number of dwellings:	10.00 DWELLS
Development Name:	TERRACED HOUSES	Survey Date:	10/05/2017
Location:	CATTERICK GARRISON	Survey Day:	Wednesday
Postcode:	DL9 4SB		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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Site 25:	NY-03-A-14	Number of dwellings:	45.00 DWELLS
Development Name:	DETACHED & BUNGALOWS	Survey Date:	18/05/2022
Location:	RIPON	Survey Day:	Wednesday
Postcode:	HG4 1EJ		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 26:	PB-03-A-04	Number of dwellings:	28.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	17/10/2016
Location:	PETERBOROUGH	Survey Day:	Monday
Postcode:	PE1 4AW		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 27:	SD-03-A-01	Number of dwellings:	27.00 DWELLS
Development Name:	SEMI DETACHED	Survey Date:	22/09/2016
Location:	SWINDON	Survey Day:	Thursday
Postcode:	SN2 7HT		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 28:	ST-03-A-08	Number of dwellings:	26.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	22/11/2017
Location:	STAFFORD	Survey Day:	Wednesday
Postcode:	ST17 4JS		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 29:	VG-03-A-01	Number of dwellings:	12.00 DWELLS
Development Name:	SEMI-DETACHED & TERRACED	Survey Date:	08/05/2017
Location:	BARRY	Survey Day:	Monday
Postcode:	CF63 2RE		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 30:	WK-03-A-03	Number of dwellings:	23.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	25/09/2019
Location:	WARWICK	Survey Day:	Wednesday
Postcode:	CV34 5TT		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 31:	WK-03-A-04	Number of dwellings:	49.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	27/09/2019
Location:	KENILWORTH	Survey Day:	Friday
Postcode:	CV8 2TN		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 32:	WM-03-A-07	Number of dwellings:	14.00 DWELLS
Development Name:	DETACHED HOUSES	Survey Date:	18/09/2024
Location:	STOURBRIDGE	Survey Day:	Wednesday
Postcode:	DY8 3DF		
Main Location Type:	Suburban Area		
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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Site 33:	WO-03-A-07	Number of dwellings:	47.00 DWELLS
Development Name:	MIXED HOUSES & FLATS	Survey Date:	01/10/2020
Location:	REDDITCH	Survey Day:	Thursday
Postcode:	B97 5XR		
Main Location Type:	Edge of Town		
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Total Vehicles

Calculation factor: 1 DWELLS

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
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	33	31	0.059	0.217	0.276
08:00-09:00	33	31	0.161	0.402	0.563
09:00-10:00	33	31	0.154	0.212	0.366
10:00-11:00	33	31	0.159	0.186	0.345
11:00-12:00	33	31	0.173	0.168	0.341
12:00-13:00	33	31	0.199	0.179	0.378
13:00-14:00	33	31	0.182	0.192	0.374
14:00-15:00	33	31	0.209	0.224	0.433
15:00-16:00	33	31	0.292	0.227	0.519
16:00-17:00	33	31	0.283	0.163	0.446
17:00-18:00	33	31	0.324	0.189	0.513
18:00-19:00	33	31	0.248	0.177	0.425
19:00-20:00	2	20	0.171	0.122	0.293
20:00-21:00	2	20	0.195	0.146	0.341
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.809	2.804	5.613

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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Audit Code: 8c60b9f6-6127-4085-9545-954f957c5af8

Parameter Summary:

Trip rate parameter range selected:	0 - 50 (units: DWELLS)
Survey date date range:	23/03/2016 - 22/10/2025
Number of weekdays (Monday-Friday):	33
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.