

2.4 PROBLEM

Location: D – Northern end of the scheme on Bedford Road at the northbound bus stop (Dwg. 34362-H-01 Rev. P1).

Summary: Risk of head-on and rear shunt collisions due to the stationary bus.

The bend in Bedford Road will restrict forward visibility in both directions between opposing vehicles approaching and passing a stationary bus at the northbound stop, increasing the risk of head-on collisions between opposing vehicles, and rear shunt collisions if the drivers of northbound vehicles starting to pass the bus realise that an opposing vehicle is oncoming at speed and brake sharply to avoid a head-on collision.

RECOMMENDATION

A bus lay-by should be provided at the northbound bus stop.

Design Team Response:

Agreed

Bus Layby provided

Client Officer Response:

3. Audit Team Statement

We certify that this road safety audit has been carried out in accordance with GG 119 (revision 2), with the exception that Designer and Highway Authority response sections have been added to each problem, and a signing off chapter added for the convenience of both parties.

Audit Team Leader

Paul Martin - BSc (Hons), CEng, FCIHT, FSoRSA, IEng, MICE
HE Approved RSA Certificate of Competency
Director, Road Safety Answers Ltd

Signed 
Date 02/12/2025

Audit Team Member

Vinny Rey – BEng (Hons), MCIHT, MSoRSA
HE Approved RSA Certificate of Competency
Independent Road Safety Consultant

Signed 
Date 02/12/2025

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Borough Green
Sevenoaks
Kent, TN15 8SA

☐ + 44 (0) 7710 980 141
☐ paulmartin@roadsafetyanswers.co.uk
☐ www.roadsafetyanswers.co.uk

4. Design Team and Overseeing Organisation Statements

Design Team Leader

I certify that I have reviewed the items raised in this Stage 1 Safety Audit report. I have given due consideration to each issue raised and have stated my proposed course of action for each in this report. I seek the Overseeing Organisation's endorsement of my proposals.

Name: Chris Smoker

Organisation: DHA Transport

Signed:



Date: 23/12/25

Overseeing Organisation (Highway Authority) Project Manager

I certify that I have reviewed the comments and actions proposed by the Design Team Leader and, in this report, I have stated my agreement, or alternative proposal, or acceptance of the risk associated with the problem.

Name:

Organisation:

Signed:

Date:

Scheme: Bedford Road S278 Works, Ickleford

Client: DHA (Highway Authority: Hertfordshire County Council)



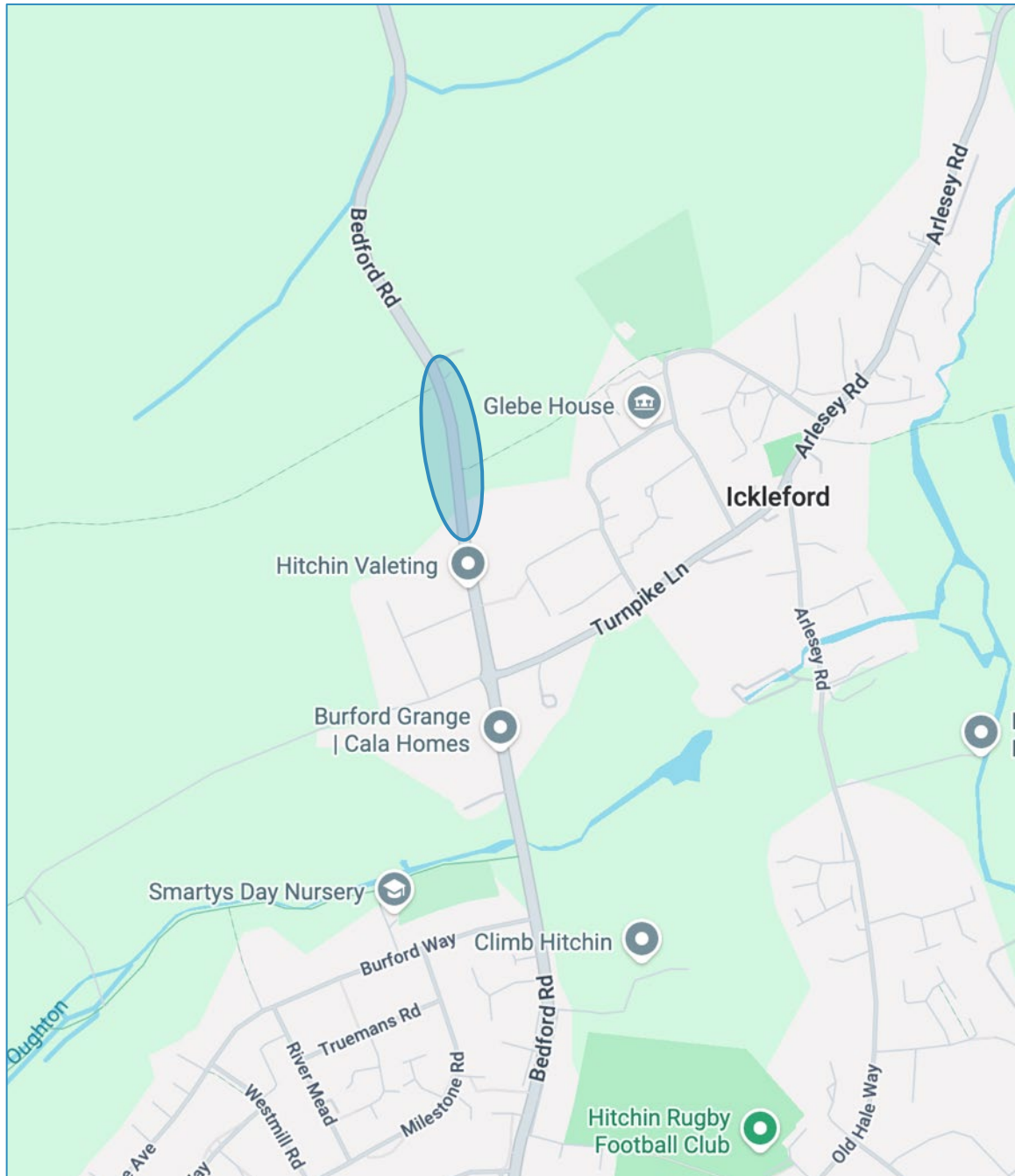
Appendix A

Drawings and Documents Examined:

- 34362-H-01 Rev. P1. Pound Farm Ickleford Proposed Highways Works

Appendix B

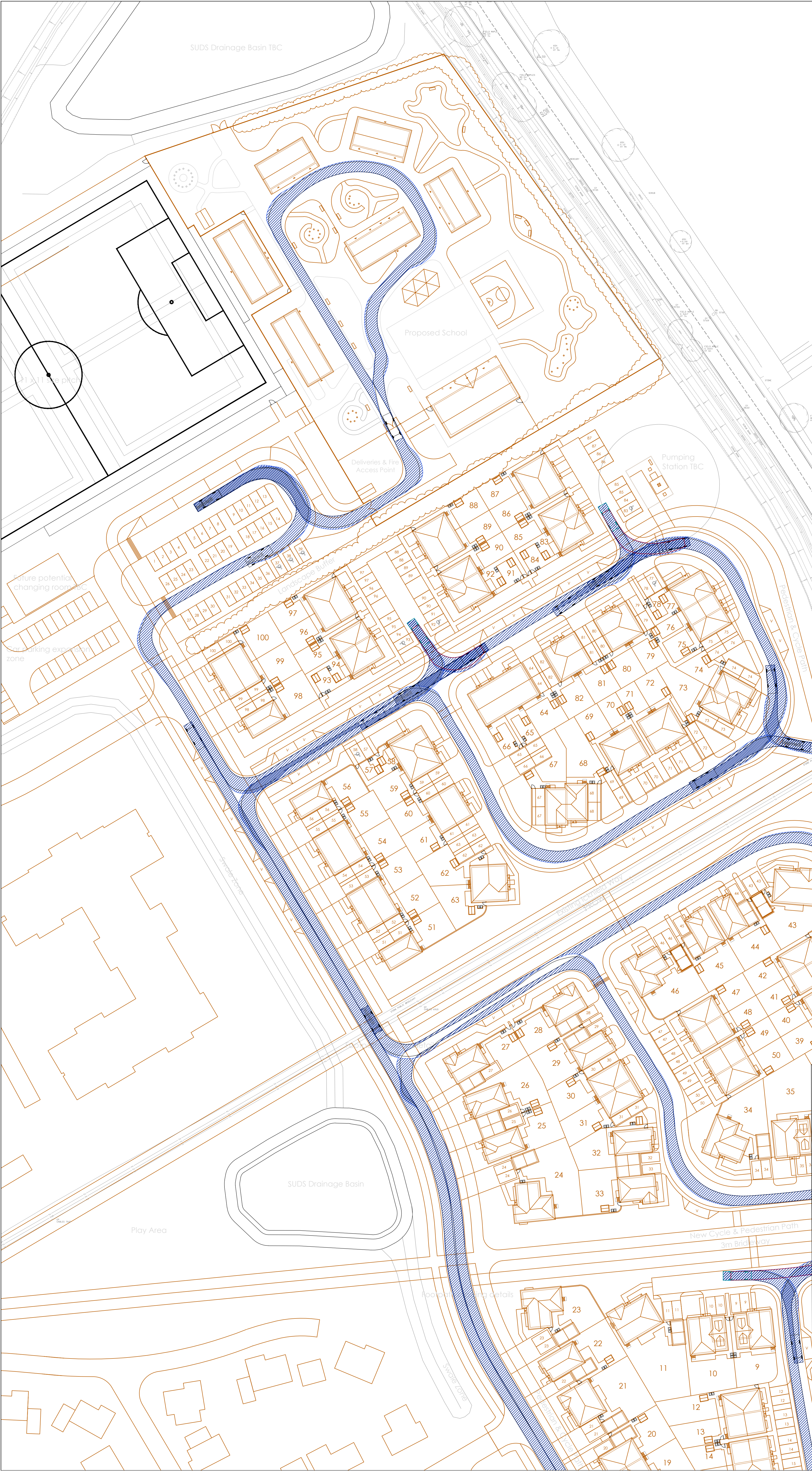
The following plan shows the location of the scheme



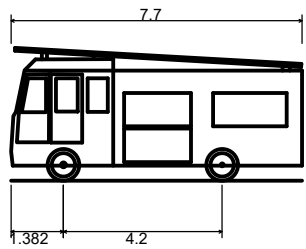
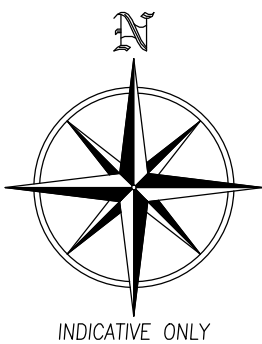
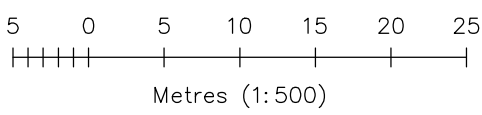


APPENDIX G



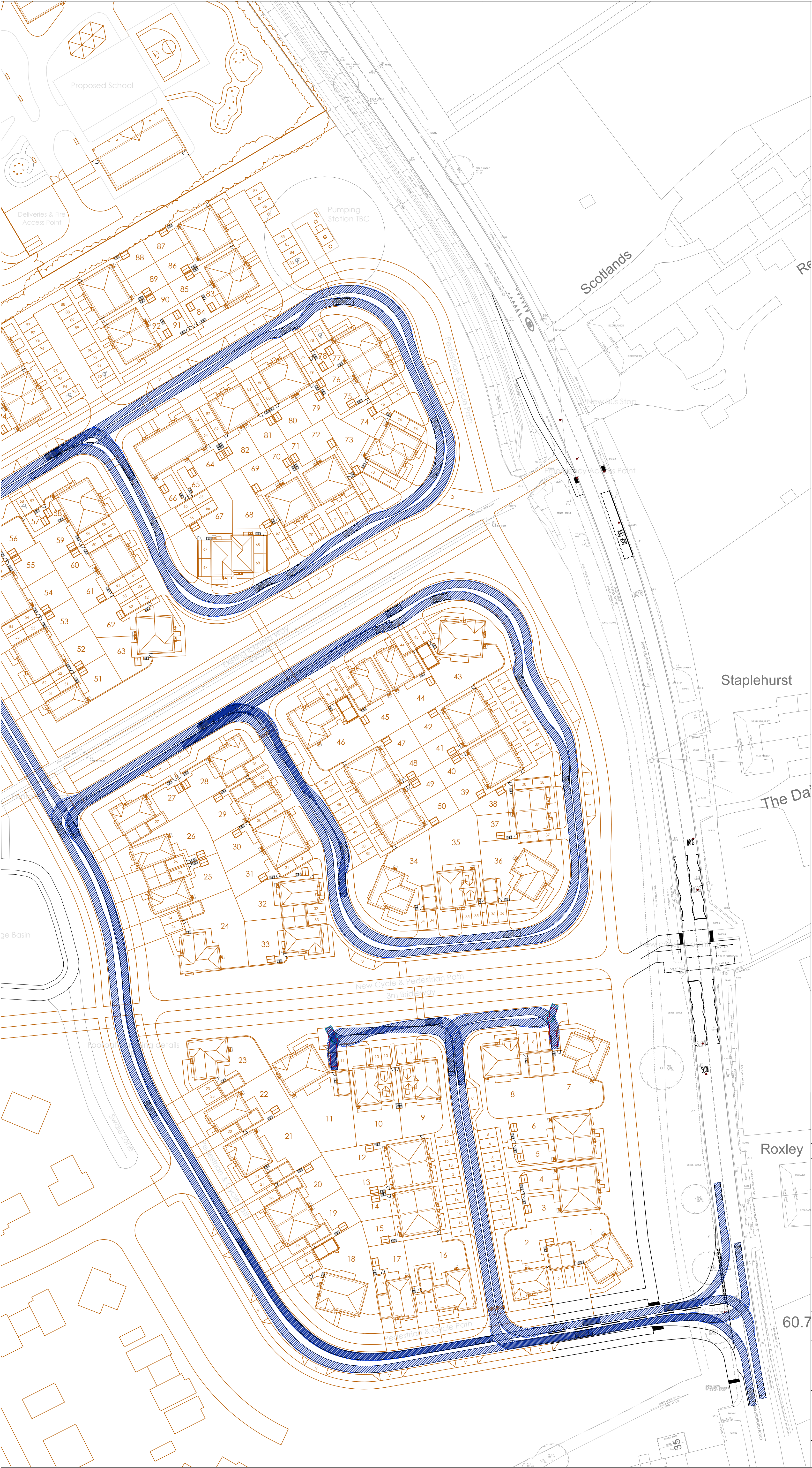


NOTES



Dennis Sabre Fire Tender (LWB)	7.700m
Overall Length	2.430m
Overall Width	3.512m
Overall Body Height	0.397m
Min Body Ground Clearance	2.380m
Track Width	5.00s
Lock to lock time	7.400m
Kerb to Kerb Turning Radius	

P1	FIRST ISSUE	12.11.25	CS
REV	AMENDMENTS	DATE	CHK
Client			
BUGLER HOMES LTD			
Project			
POUND FARM, ICKLEFORD			
Title			
PROPOSED TRACKING - FIRE TENDER SHEET 2 OF 2			
Drwg	Rev	Scale	Date
34362-T-06	P1	1:500 @A1	12.11.25
Eclipse House, Eclipse Park, Sittingbourne Road Maidstone, Kent, ME14 3EN t: 01622 776226 e: info@dhaplanning.co.uk			
f: 01622 776227 w: www.dhaplanning.co.uk			
CAD Reference:			A1



NOTES

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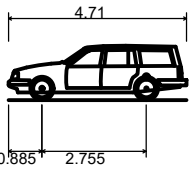
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25

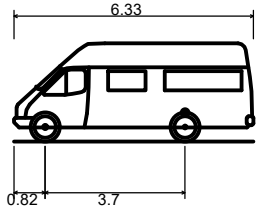
Metres (1:500)

N

INDICATIVE ONLY

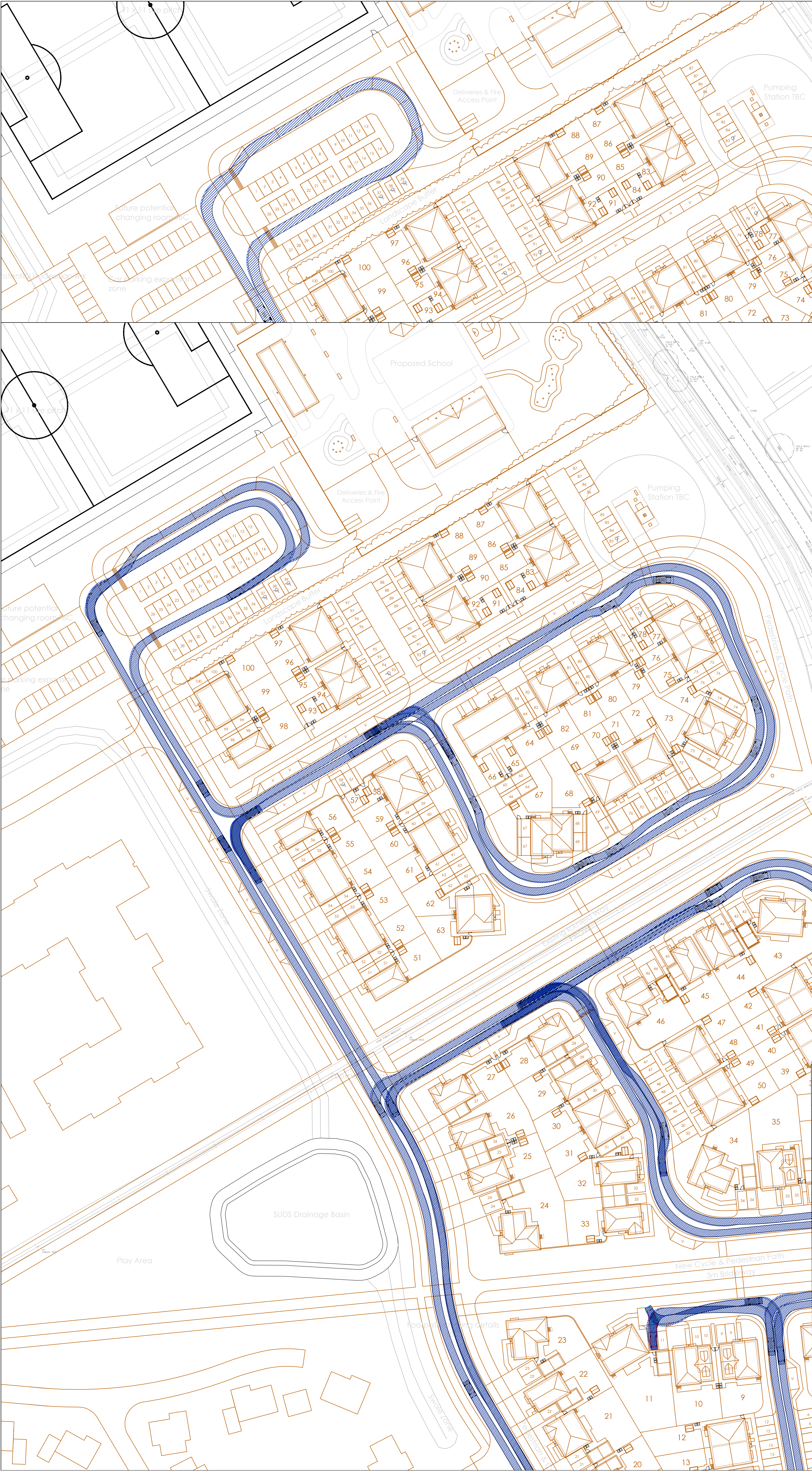


Estate Car (2006)
Overall Length4.710m
Overall Width1.884m
Overall Body Height1.442m
Min Body Ground Clearance0.207m
Max Track Width1.756m
Lock to lock time4.00s
Kerb to Kerb Turning Radius5.950m



Mini Bus
Overall Length6.330m
Overall Width2.192m
Overall Body Height2.601m
Min Body Ground Clearance0.374m
Track Width2.192m
Lock to lock time4.00s
Kerb to Kerb Turning Radius6.450m

P1	FIRST ISSUE	12.11.25	CS
REV	AMENDMENTS	DATE	CHK
Client			
BUGLER HOMES LTD			
Project			
POUND FARM, ICKLEFORD			
Title			
PROPOSED TRACKING CAR SHEET 1 OF 2			
Drwg	Rev	Scale	Date
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dha			
Eclipse House, Eclipse Park, Sittingbourne Road Maidstone, Kent, ME14 3EN t: 01622 776226 e: info@dhaplanning.co.uk			
f: 01622 776227 w: www.dhaplanning.co.uk			
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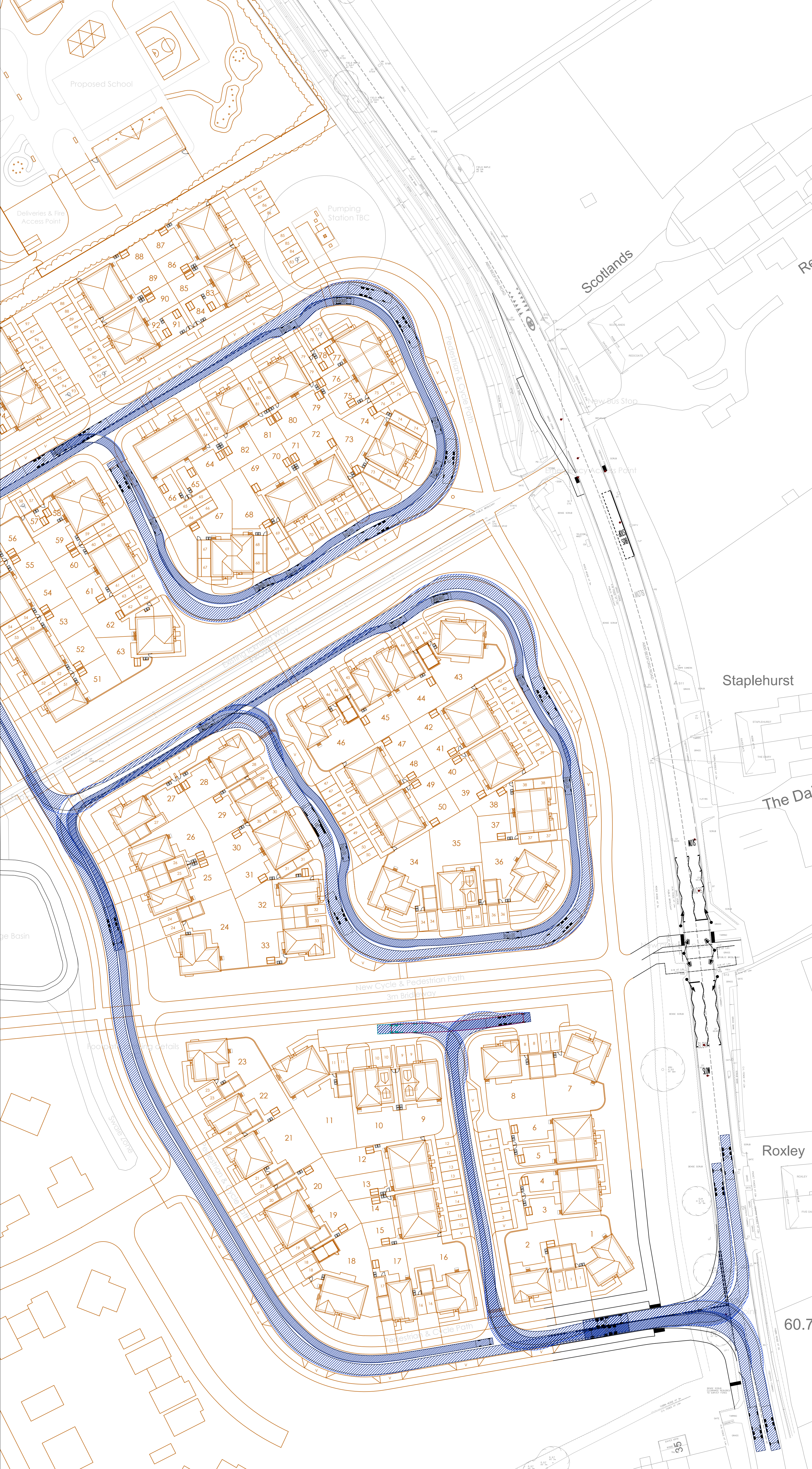


NOTES

Estate Car (2006)
 Overall Length 4.710m
 Overall Width 1.804m
 Overall Body Height 1.442m
 Min Body Ground Clearance 0.207m
 Max Track Width 1.756m
 Lock to lock time 4.00s
 Kerb to Kerb Turning Radius 5.950m

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P1	FIRST ISSUE	12.11.25	CS
REV	AMENDMENTS	DATE	CHK
Client			
BUGLER HOMES LTD			
Project			
POUND FARM, ICKLEFORD			
Title			
PROPOSED TRACKING - CAR/MINI BUS SHEET 2 OF 2			
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f: 01622 776227 w: www.dhaplanning.co.uk			
CAD Reference:			A1



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Metres (1:500)

N

INDICATIVE ONLY

12.205

1.935

3.75

5.775

11.35

11.35

HCC

Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Track Width

Lock to lock time

Kerb to Kerb Turning Radius

12.205m

2.500m

3.750m

0.302m

2.490m

4.00s

11.250m

4.71

0.885

2.755

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Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Max Track Width

Lock to lock time

Kerb to Kerb Turning Radius

4.710m

1.804m

1.442m

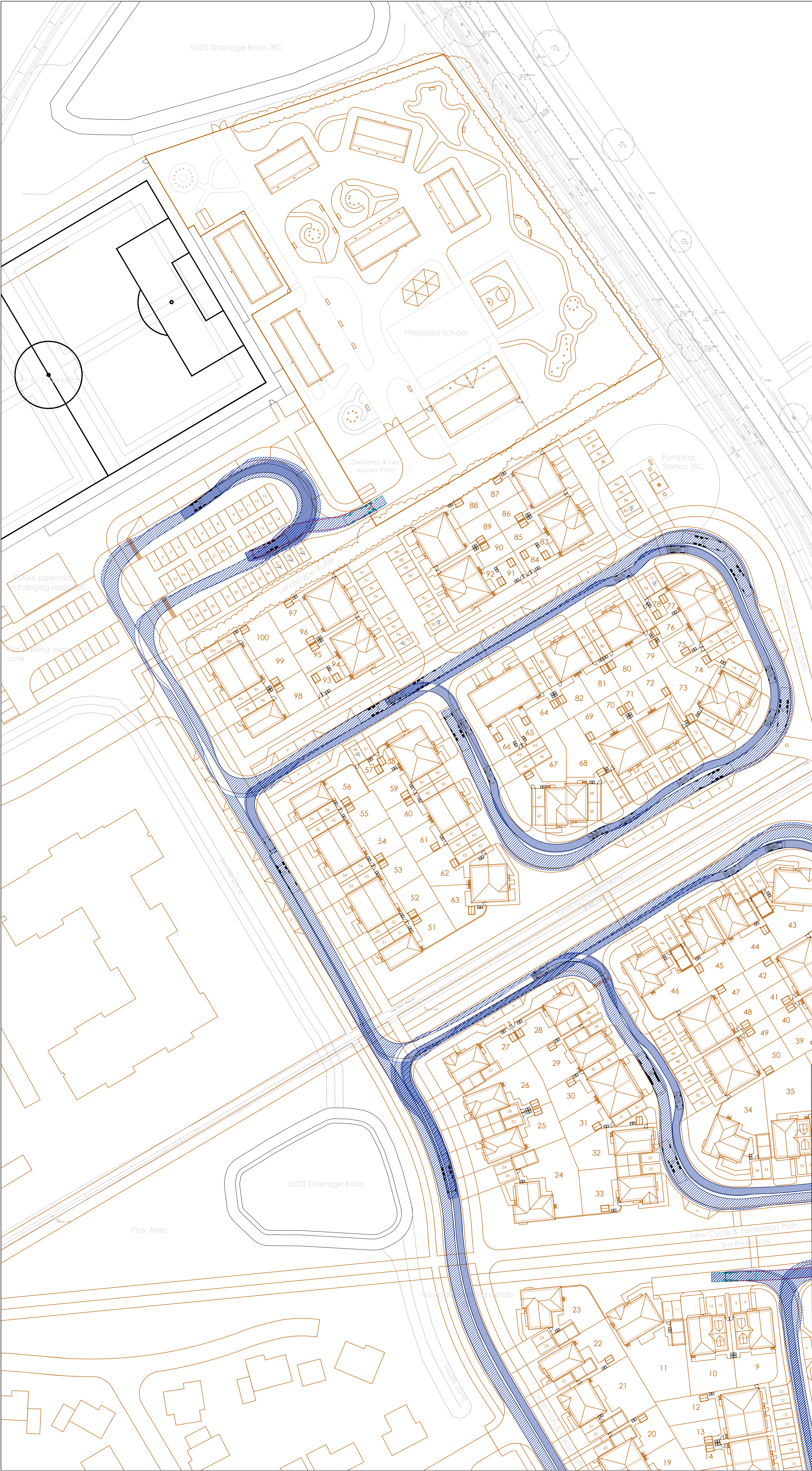
0.207m

1.756m

4.00s

5.950m

P1	FIRST ISSUE	12.11.25	CS
REV	AMENDMENTS	DATE	CHK
Client			
BUGLER HOMES LTD			
Project			
POUND FARM, ICKLEFORD			
Title			
PROPOSED TRACKING - REFUSE/CAR SHEET 1 OF 2			
Drwg	Rev	Scale	Date
34362-T-03	P1	1:500 @A1	12.11.25
dha			
Eclipse House, Eclipse Park, Sittingbourne Road Maidstone, Kent, ME14 3EN t: 01622 776226 e: info@dhaplanning.co.uk			
f: 01622 776227 w: www.dhaplanning.co.uk			
CAD Reference:			A1



NOTES

12.205

1.935

3.75

5.775

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INDICATIVE ONLY

4.71

0.885

2.755

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2.500m

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2.490m

4.00s

11.250m

Overall Length

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Track Width

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1.804m

1.442m

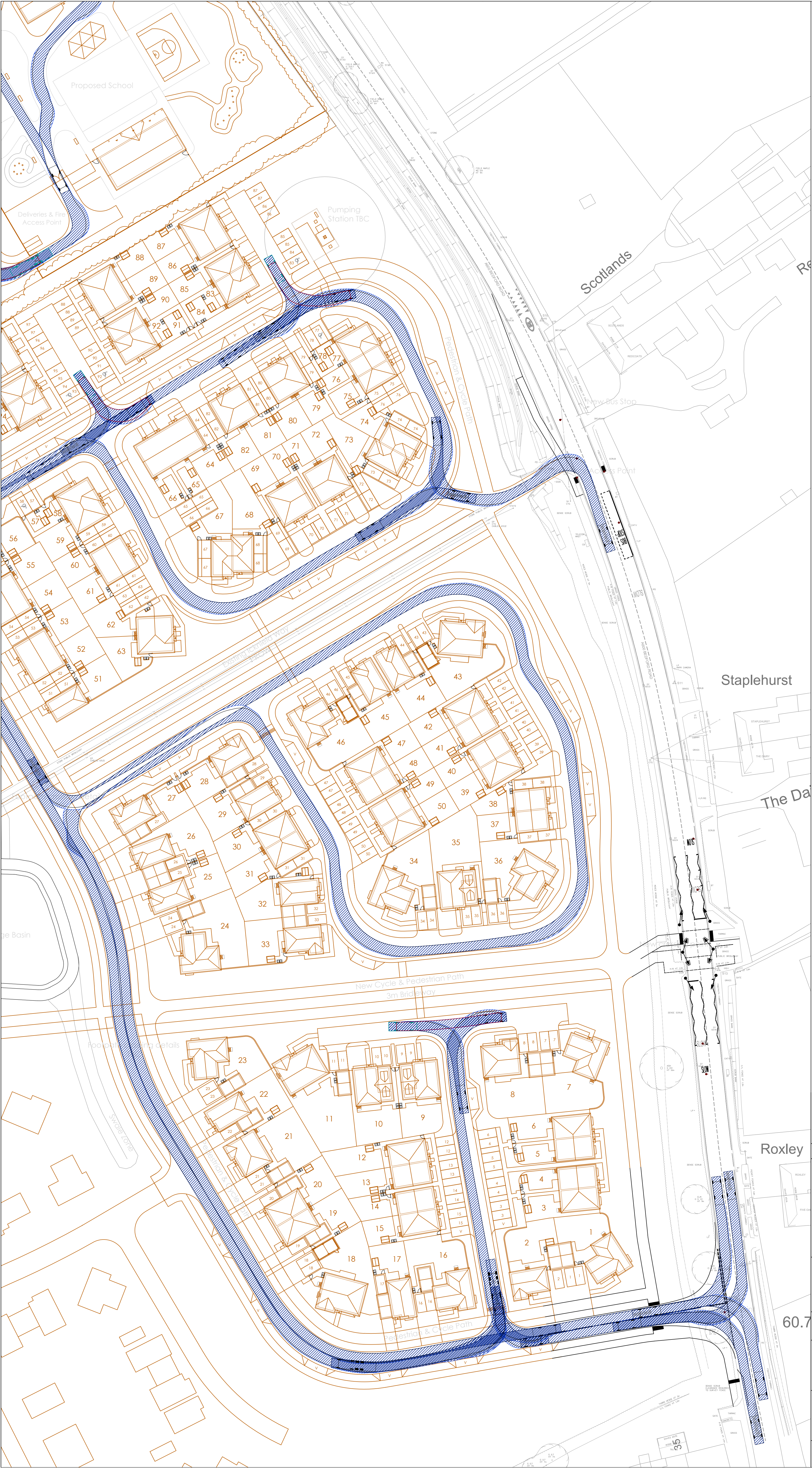
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1.756m

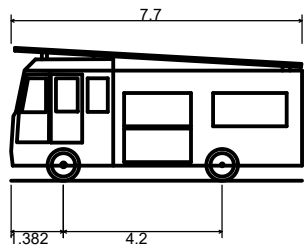
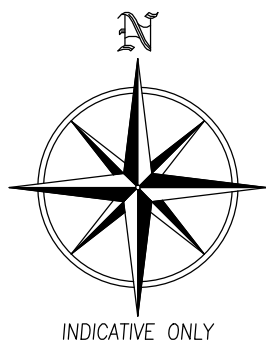
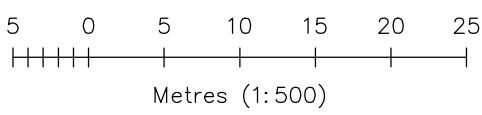
4.00s

5.950m

P1 FIRST ISSUE				12.11.25	CS			
REV AMENDMENTS				DATE	CHK			
Client								
BUGLER HOMES LTD								
Project								
POUND FARM, ICKLEFORD								
Title								
PROPOSED TRACKING - REFUSE/CAR SHEET 1 OF 2								
Drwg	Rev	Scale	Date					
34362-T-04	P1	1:500 @A1	12.11.25					
dha								
Eclipse House, Eclipse Park, Sittingbourne Road Maidstone, Kent, ME14 3EN t: 01622 776226 e: info@dhaplanning.co.uk								
f: 01622 776227 w: www.dhaplanning.co.uk								
CAD Reference:					A1			



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Kerb to Kerb Turning Radius	

P1	FIRST ISSUE	12.11.25	CS
REV	AMENDMENTS	DATE	CHK
Client BUGLER HOMES LTD			
Project POUND FARM, ICKLEFORD			
Title PROPOSED TRACKING - FIRE TENDER SHEET 1 OF 2			
Drwg 34362-T-05	Rev P1	Scale 1:500 @A1	Date 12.11.25
Eclipse House, Eclipse Park, Sittingbourne Road Maidstone, Kent, ME14 3EN t: 01622 776226 e: info@dhaplanning.co.uk			
f: 01622 776227 w: www.dhaplanning.co.uk			
CAD Reference:			A1

APPENDIX H



Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Filtering Summary:

Land Use: 03/A RESIDENTIAL/HOUSES PRIVATELY OWNED

Selected Trip Rate Calculation Parameter Range: 20 - 200 DWELLS

Actual Trip Rate Calculation Parameter Range: 4 - 4334 DWELLS

Date Range: Minimum: 01/01/2016 Maximum: 17/09/2024

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: 940 3900

Days of the week selected:

Monday	6
Thursday	7
Tuesday	13
Wednesday	9

Main Location Types selected:

Edge of Town	23
Neighbourhood Centre (PPS6 Local Centre)	4
Suburban Area (PPS6 Out of Centre)	8

Inclusion of Servicing Vehicles Counts:

Servicing Vehicle Excluded	28
Servicing Vehicles Included	7

Population <1 Mile ranges selected:

10,001 to 15,000	11
15,001 to 20,000	10
20,001 to 25,000	6
5,001 to 10,000	8

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Population <5 Mile ranges selected:

100,001 to 125,000	3
125,001 to 250,000	16
50,001 to 75,000	9
75,001 to 100,000	7

Car Ownership <5 Mile ranges selected:

0.6 to 1.0	9
1.1 to 1.5	26

PTAL Rating:

No PTAL Present	35
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Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: A - HOUSES PRIVATELY OWNED

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	CT	CENTRAL BEDFORDSHIRE	1 day
	ES	EAST SUSSEX	5 days
	HC	HAMPSHIRE	9 days
	HF	HERTFORDSHIRE	1 day
	KC	KENT	2 days
	SC	SURREY	2 days
	WB	WEST BERKSHIRE	1 day
	WS	WEST SUSSEX	5 days
04	EAST ANGLIA		
	NF	NORFOLK	5 days
	PB	PETERBOROUGH	1 day
05	EAST MIDLANDS		
	LE	LEICESTERSHIRE	1 day
	NT	NOTTINGHAMSHIRE	1 day
06	WEST MIDLANDS		
	ST	STAFFORDSHIRE	1 day
08	NORTH WEST		
	AC	CHESHIRE WEST & CHESTER	1 day
	LC	LANCASHIRE	1 day
09	NORTH		
	DH	DURHAM	2 days
11	SCOTLAND		
	HI	HIGHLAND	1 day

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

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

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:	4 to 4334 (units:DWELLS)
Range Selected by User:	20 to 200 (units:DWELLS)
Parking Spaces Range:	6 - 2696

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	01/01/16 to 17/09/24

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:

Friday	5 days
Monday	6 days
Thursday	7 days
Tuesday	13 days
Wednesday	9 days

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

Selected survey types:

Manual count	40
Direction ATC Count	0

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:

Edge of Town	28 days
Neighbourhood Centre (PPS6 Local Centre)	4 days
Suburban Area (PPS6 Out of Centre)	8 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	37 days
Village	3 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	31 days
Servicing vehicles Included	9 days

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Secondary Filtering Selection:

Use Class:

C3	40 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:

72 - 9284

Population within 1 mile:

10,001 to 15,000	14 surveys
15,001 to 20,000	11 surveys
20,001 to 25,000	6 surveys
5,001 to 10,000	9 surveys

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

Population within 5 miles:

100,001 to 125,000	3 surveys
125,001 to 250,000	20 surveys
50,001 to 75,000	10 surveys
75,001 to 100,000	7 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	11 surveys
1.1 to 1.5	28 surveys
1.6 to 2.0	1 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.

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

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	14 surveys
Yes	26 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:

No PTAL Present	40 surveys
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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.

COVID-19 Restrictions:

No

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

LIST OF SITES relevant to selection parameters:

Site 1:	AC-03-A-04	Site area:	0.5 hect
Development Name:	TOWN HOUSES	Number of dwellings:	24 DWELLS
Location:	NORTHWICH	Housing density:	54.55
Postcode:	CW9 8RZ	Total Bedrooms:	92.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	06/06/2019
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 2:	CT-03-A-03	Site area:	3.69 hect
Development Name:	MIXED HOUSES	Number of dwellings:	73 DWELLS
Location:	STOTFOLD	Housing density:	24.91
Postcode:	SG5 4TB	Total Bedrooms:	231.00
Main Location Type:	Edge of Town	Survey Date:	27/06/2023
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 3:	DH-03-A-01	Site area:	0.9 hect
Development Name:	SEMI DETACHED	Number of dwellings:	50 DWELLS
Location:	BISHOP AUCKLAND	Housing density:	94.34
Postcode:	DL14 6RH	Total Bedrooms:	150.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	28/03/2017
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 4:	DH-03-A-03	Site area:	5.603 hect
Development Name:	SEMI-DETACHED & TERRACED	Number of dwellings:	57 DWELLS
Location:	DURHAM	Housing density:	10.96
Postcode:	DH1 1HD	Total Bedrooms:	169.00
Main Location Type:	Edge of Town	Survey Date:	19/10/2018
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 5:	ES-03-A-07	Site area:	3.49 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	91 DWELLS
Location:	HAILSHAM	Housing density:	34.87
Postcode:	BN27 4FR	Total Bedrooms:	256.00
Main Location Type:	Edge of Town	Survey Date:	07/11/2019
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 6:	ES-03-A-08	Site area:	3.32 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	110 DWELLS
Location:	BEXHILL	Housing density:	36.67
Postcode:	TN40 2LU	Total Bedrooms:	308.00
Main Location Type:	Edge of Town	Survey Date:	12/10/2022
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 7:	ES-03-A-09	Site area:	1.5 hect
Development Name:	DETACHED & SEMI-DETACHED	Number of dwellings:	47 DWELLS
Location:	NEWHAVEN	Housing density:	36.15
Postcode:	BN9 9FF	Total Bedrooms:	143.00
Main Location Type:	Edge of Town	Survey Date:	13/03/2023
Sub Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Site 8:	ES-03-A-10	Site area:	5.41 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	139 DWELLS
Location:	BEXHILL-ON-SEA	Housing density:	33.49
Postcode:	TN39 5DQ	Total Bedrooms:	388.00
Main Location Type:	Edge of Town	Survey Date:	28/09/2023
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 9:	ES-03-A-14	Site area:	3.4 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	120 DWELLS
Location:	NEAR EASTBOURNE	Housing density:	42.86
Postcode:	BN24 5GD	Total Bedrooms:	339.00
Main Location Type:	Edge of Town	Survey Date:	30/04/2024
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 10:	HC-03-A-21	Site area:	1.2 hect
Development Name:	TERRACED & SEMI-DETACHED	Number of dwellings:	39 DWELLS
Location:	BASINGSTOKE	Housing density:	56.52
Postcode:	RG24 9AF	Total Bedrooms:	134.00
Main Location Type:	Edge of Town	Survey Date:	13/11/2018
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 11:	HC-03-A-22	Site area:	1.69 hect
Development Name:	MIXED HOUSES	Number of dwellings:	40 DWELLS
Location:	NEAR EASTLEIGH	Housing density:	32.26
Postcode:	SO50 6JL	Total Bedrooms:	114.00
Main Location Type:	Edge of Town	Survey Date:	31/10/2018
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 12:	HC-03-A-27	Site area:	2.5 hect
Development Name:	MIXED HOUSES	Number of dwellings:	73 DWELLS
Location:	ANDOVER	Housing density:	30.42
Postcode:	SP11 6ZQ	Total Bedrooms:	205.00
Main Location Type:	Edge of Town	Survey Date:	16/11/2021
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 13:	HC-03-A-28	Site area:	5.97 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	125 DWELLS
Location:	WATERLOOVILLE	Housing density:	24.75
Postcode:	PO8 9WN	Total Bedrooms:	359.00
Main Location Type:	Edge of Town	Survey Date:	08/11/2021
Sub Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		
Site 14:	HC-03-A-31	Site area:	2.17 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	44 DWELLS
Location:	LIPHOOK	Housing density:	35.20
Postcode:	GU30 7WU	Total Bedrooms:	125.00
Main Location Type:	Edge of Town	Survey Date:	07/10/2022
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 15:	HC-03-A-32	Site area:	3.29 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	105 DWELLS
Location:	FARNHAM	Housing density:	36.21
Postcode:	GU9 9GD	Total Bedrooms:	278.00
Main Location Type:	Neighbourhood Centre (PPS6	Survey Date:	29/06/2023
Sub Location Type:	Local Centre)	Survey Day:	Thursday
PTAL:	Residential Zone		
	n/a		

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Site 16:	HC-03-A-36	Site area:	6.23 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	145 DWELLS
Location:	EMSWORTH	Housing density:	34.52
Postcode:	PO10 7FG	Total Bedrooms:	386.00
Main Location Type:	Edge of Town	Survey Date:	12/09/2023
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 17:	HC-03-A-37	Site area:	3.46 hect
Development Name:	MIXED HOUSES	Number of dwellings:	50 DWELLS
Location:	FLEET	Housing density:	37.04
Postcode:	GU52 0AF	Total Bedrooms:	143.00
Main Location Type:	Edge of Town	Survey Date:	27/03/2024
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 18:	HC-03-A-38	Site area:	6.2 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	195 DWELLS
Location:	RINGWOOD	Housing density:	39.08
Postcode:	BH24 3FJ	Total Bedrooms:	514.00
Main Location Type:	Edge of Town	Survey Date:	26/06/2024
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 19:	HF-03-A-07	Site area:	6.32 hect
Development Name:	MIXED HOUSES & BUNGALOWS	Number of dwellings:	92 DWELLS
Location:	POTTERS BAR	Housing density:	16.34
Postcode:	EN6 2EE	Total Bedrooms:	280.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	25/03/2024
Sub Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		
Site 20:	HI-03-A-14	Site area:	1.48 hect
Development Name:	SEMI-DETACHED & TERRACED	Number of dwellings:	40 DWELLS
Location:	INVERNESS	Housing density:	36.04
Postcode:	IV3 8LX	Total Bedrooms:	121.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	23/03/2016
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 21:	KC-03-A-03	Site area:	1.38 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	51 DWELLS
Location:	ASHFORD	Housing density:	66.23
Postcode:	TN24 0FR	Total Bedrooms:	157.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	14/07/2016
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 22:	KC-03-A-04	Site area:	4.31 hect
Development Name:	SEMI-DETACHED & TERRACED	Number of dwellings:	110 DWELLS
Location:	AYLESFORD	Housing density:	31.79
Postcode:	ME20 6FN	Total Bedrooms:	330.00
Main Location Type:	Edge of Town	Survey Date:	22/09/2017
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		

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Site 23:	LC-03-A-31	Site area:	1.316 hect
Development Name:	DETACHED HOUSES	Number of dwellings:	32 DWELLS
Location:	PRESTON	Housing density:	30.25
Postcode:	PR4 0NL	Total Bedrooms:	113.00
Main Location Type:	Edge of Town	Survey Date:	17/11/2017
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 24:	LE-03-A-02	Site area:	3.297 hect
Development Name:	DETACHED & OTHERS	Number of dwellings:	85 DWELLS
Location:	IBSTOCK	Housing density:	39.59
Postcode:	LE67 6PG	Total Bedrooms:	308.00
Main Location Type:	Neighbourhood Centre (PPS6	Survey Date:	28/06/2018
	Local Centre)	Survey Day:	Thursday
Sub Location Type:	Village		
PTAL:	n/a		
Site 25:	NF-03-A-13	Site area:	5.56 hect
Development Name:	MIXED HOUSES	Number of dwellings:	198 DWELLS
Location:	GREAT YARMOUTH	Housing density:	38.82
Postcode:	NR31 9FT	Total Bedrooms:	545.00
Main Location Type:	Edge of Town	Survey Date:	11/09/2018
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 26:	NF-03-A-25	Site area:	3.1 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	55 DWELLS
Location:	GORLESTON-ON-SEA	Housing density:	26.70
Postcode:	NR31 9BG	Total Bedrooms:	171.00
Main Location Type:	Edge of Town	Survey Date:	21/09/2021
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 27:	NF-03-A-35	Site area:	5.34 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	116 DWELLS
Location:	NORWICH	Housing density:	25.55
Postcode:	NR6 7FA	Total Bedrooms:	384.00
Main Location Type:	Edge of Town	Survey Date:	28/09/2022
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 28:	NF-03-A-51	Site area:	1.03 hect
Development Name:	SEMI-DETACHED	Number of dwellings:	34 DWELLS
Location:	NORWICH	Housing density:	38.64
Postcode:	NR1 2HJ	Total Bedrooms:	101.00
Main Location Type:	Suburban Area (PPS6 Out of	Survey Date:	13/09/2022
	Centre)	Survey Day:	Tuesday
Sub Location Type:	Residential Zone		
PTAL:	n/a		
Site 29:	NF-03-A-52	Site area:	5.31 hect
Development Name:	MIXED HOUSES	Number of dwellings:	130 DWELLS
Location:	KING'S LYNN	Housing density:	28.76
Postcode:	PE30 3FD	Total Bedrooms:	366.00
Main Location Type:	Suburban Area (PPS6 Out of	Survey Date:	07/11/2023
	Centre)	Survey Day:	Tuesday
Sub Location Type:	Residential Zone		
PTAL:	n/a		

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Site 30:	NT-03-A-08	Site area:	1.61 hect
Development Name:	DETACHED HOUSES	Number of dwellings:	36 DWELLS
Location:	HUCKNALL	Housing density:	22.36
Postcode:	NG15 8JN	Total Bedrooms:	144.00
Main Location Type:	Edge of Town	Survey Date:	18/10/2021
Sub Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		
Site 31:	PB-03-A-04	Site area:	1.71 hect
Development Name:	DETACHED HOUSES	Number of dwellings:	28 DWELLS
Location:	PETERBOROUGH	Housing density:	18.67
Postcode:	PE1 4AW	Total Bedrooms:	94.00
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	17/10/2016
Sub Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		
Site 32:	SC-03-A-10	Site area:	1.42 hect
Development Name:	MIXED HOUSES	Number of dwellings:	32 DWELLS
Location:	ASH	Housing density:	25.20
Postcode:	GU12 6BT	Total Bedrooms:	93.00
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	14/09/2022
Sub Location Type:	Village	Survey Day:	Wednesday
PTAL:	n/a		
Site 33:	SC-03-A-11	Site area:	5.82 hect
Development Name:	MIXED HOUSES	Number of dwellings:	96 DWELLS
Location:	FARNHAM	Housing density:	25.07
Postcode:	GU9 0AX	Total Bedrooms:	272.00
Main Location Type:	Edge of Town	Survey Date:	14/05/2024
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 34:	ST-03-A-08	Site area:	0.8 hect
Development Name:	DETACHED HOUSES	Number of dwellings:	26 DWELLS
Location:	STAFFORD	Housing density:	36.62
Postcode:	ST17 4JS	Total Bedrooms:	90.00
Main Location Type:	Edge of Town	Survey Date:	22/11/2017
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 35:	WB-03-A-03	Site area:	3.9 hect
Development Name:	MIXED HOUSES	Number of dwellings:	108 DWELLS
Location:	READING	Housing density:	36.24
Postcode:	RG31 7ET	Total Bedrooms:	286.00
Main Location Type:	Edge of Town	Survey Date:	09/09/2022
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 36:	WS-03-A-08	Site area:	8.86 hect
Development Name:	MIXED HOUSES	Number of dwellings:	180 DWELLS
Location:	ANGMERING	Housing density:	40.82
Postcode:	BN16 4PQ	Total Bedrooms:	586.00
Main Location Type:	Edge of Town	Survey Date:	19/04/2018
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 37:	WS-03-A-14	Site area:	2.83 hect
Development Name:	MIXED HOUSES	Number of dwellings:	117 DWELLS
Location:	LITTLEHAMPTON	Housing density:	42.70
Postcode:	BN17 7PL	Total Bedrooms:	371.00
Main Location Type:	Edge of Town	Survey Date:	20/10/2021
Sub Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		

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Site 38:	WS-03-A-18	Site area:	5.46 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	156 DWELLS
Location:	HASSOCKS	Housing density:	
Postcode:	BN6 9NA	Total Bedrooms:	433.00
Main Location Type:	Neighbourhood Centre (PPS6	Survey Date:	15/05/2023
	Local Centre)	Survey Day:	Monday
Sub Location Type:	Village		
PTAL:	n/a		
Site 39:	WS-03-A-22	Site area:	3.8 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	129 DWELLS
Location:	CHICHESTER	Housing density:	36.86
Postcode:	PO20 2LS	Total Bedrooms:	371.00
Main Location Type:	Edge of Town	Survey Date:	19/03/2024
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 40:	WS-03-A-23	Site area:	6.64 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	197 DWELLS
Location:	EAST GRINSTEAD	Housing density:	37.88
Postcode:	RH19 4LX	Total Bedrooms:	508.00
Main Location Type:	Edge of Town	Survey Date:	14/05/2024
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		

DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
AC-03-A-05	30-04-2021	covid
BO-03-A-01	15-10-2020	covid
LU-03-A-01	21-09-2021	covid
MG-03-A-01	12-10-2021	covid
SF-03-A-10	22-06-2021	covid
WS-03-A-12	16-06-2021	covid
WS-03-A-13	23-06-2021	covid

Audit Code: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

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	40	89	0.085	0.302	0.387
08:00-09:00	40	89	0.161	0.381	0.542
09:00-10:00	40	89	0.149	0.184	0.333
10:00-11:00	40	89	0.136	0.165	0.301
11:00-12:00	40	89	0.132	0.141	0.273
12:00-13:00	40	89	0.158	0.154	0.312
13:00-14:00	40	89	0.161	0.167	0.328
14:00-15:00	40	89	0.161	0.197	0.358
15:00-16:00	40	89	0.272	0.179	0.451
16:00-17:00	40	89	0.276	0.167	0.443
17:00-18:00	40	89	0.326	0.163	0.489
18:00-19:00	40	89	0.281	0.146	0.427
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.298	2.346	4.644

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: c6e49f4d-d901-4f7f-acd1-4c2d99f44e7e

Parameter Summary:

Trip rate parameter range selected:	20 - 200 (units: DWELLS)
Survey date date range:	23/03/2016 - 26/06/2024
Number of weekdays (Monday-Friday):	40
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	18
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.

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

Filtering Summary:

Land Use: 03/B RESIDENTIAL/AFFORDABLE/LOCAL AUTHORITY HOUSES

Selected Trip Rate Calculation Parameter Range: 20 - 200 DWELLS

Actual Trip Rate Calculation Parameter Range: 8 - 516 DWELLS

Date Range: Minimum: 12/11/2025 Maximum: 12/11/2025

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: 255 3300

Days of the week selected:

Friday	4
Monday	2
Saturday	1
Sunday	1
Thursday	1
Tuesday	3

Main Location Types selected:

Edge of Town	11
Suburban Area	1

Inclusion of Servicing Vehicles Counts:

Servicing Vehicle Excluded	12
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Population <1 Mile ranges selected:

10,001 to 15,000	2
15,001 to 20,000	6
20,001 to 25,000	1
5,001 to 10,000	3

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

Population <5 Mile ranges selected:

125,001 to 250,000	8
50,001 to 75,000	3
75,001 to 100,000	1

Car Ownership <5 Mile ranges selected:

0.6 to 1.0	10
1.1 to 1.5	2

PTAL Rating:

No PTAL Present	12
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Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: B - AFFORDABLE/LOCAL AUTHORITY HOUSES

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	ES	EAST SUSSEX	1 day
04	EAST ANGLIA		
	SF	SUFFOLK	1 day
06	WEST MIDLANDS		
	WO	WORCESTERSHIRE	1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	KS	KIRKLEES	2 days
08	NORTH WEST		
	AC	CESHIRE WEST & CHESTER	1 day
09	NORTH		
	CU	CUMBERLAND	1 day
	NB	NORTHUMBERLAND	1 day
10	WALES		
	DB	DENBIGHSHIRE	1 day
11	SCOTLAND		
	DU	DUNDEE CITY	1 day

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

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

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:	8 to 516 (units:DWELLS)
Range Selected by User:	20 to 200 (units:DWELLS)
Parking Spaces Range:	11 - 220

Public Transport Provision:	All Surveys Included
Selection by:	12/11/25 to 12/11/25
Date Range:	

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:	
Friday	3 days
Monday	2 days
Sunday	1 days
Thursday	1 days
Tuesday	3 days

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

Selected survey types:	
Manual count	10
Direction ATC Count	0

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:	
Edge of Town	9 days
Suburban Area	1 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	10 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	10 days

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

Secondary Filtering Selection:

Use Class:

C3	10 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:

255 - 5500

Population within 1 mile:

10,001 to 15,000	2 surveys
15,001 to 20,000	4 surveys
20,001 to 25,000	1 surveys
5,001 to 10,000	3 surveys

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

Population within 5 miles:

125,001 to 250,000	6 surveys
50,001 to 75,000	3 surveys
75,001 to 100,000	1 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	8 surveys
1.1 to 1.5	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.

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

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	10 surveys
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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	10 surveys
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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.

COVID-19 Restrictions:

No

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

LIST OF SITES relevant to selection parameters:

Site 1:	AC-03-B-01	Site area:	1.7400000095367432 hect
Development Name:	HOUSES & FLATS	Number of dwellings:	80 DWELLS
Location:	CHESTER	Housing density:	66.12
Postcode:	CH1 5UP	Total Bedrooms:	204.00
Main Location Type:	Edge of Town	Survey Date:	
Sub Location Type:	Residential Zone	Survey Day:	
PTAL:	n/a		
Site 2:	CU-03-B-01	Site area:	2 hect
Development Name:	TERRACED	Number of dwellings:	135 DWELLS
Location:	CARLISLE	Housing density:	
Postcode:	CA1 2TU	Total Bedrooms:	
Main Location Type:	Edge of Town	Survey Date:	28/10/2003
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 3:	DB-03-B-01	Site area:	1.2999999523162842 hect
Development Name:	SEMI DETACHED	Number of dwellings:	43 DWELLS
Location:	RHYL	Housing density:	
Postcode:		Total Bedrooms:	
Main Location Type:	Edge of Town	Survey Date:	30/11/1999
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 4:	DU-03-B-01	Site area:	2.4800000190734863 hect
Development Name:	TERRACED BUNGALOWS	Number of dwellings:	68 DWELLS
Location:	DUNDEE	Housing density:	56.67
Postcode:	DD4 8UN	Total Bedrooms:	79.00
Main Location Type:	Suburban Area	Survey Date:	21/04/2017
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 5:	ES-03-B-01	Site area:	0.30000001192092896 hect
Development Name:	BUNGALOWS	Number of dwellings:	14 DWELLS
Location:	HAILSHAM	Housing density:	
Postcode:	BN27 2DJ	Total Bedrooms:	
Main Location Type:	Edge of Town	Survey Date:	03/07/2003
Sub Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 6:	KS-03-B-01	Site area:	1.5299999713897705 hect
Development Name:	MIXED HOUSES	Number of dwellings:	54 DWELLS
Location:	HUDDERSFIELD	Housing density:	38.85
Postcode:	HD2 1LU	Total Bedrooms:	144.00
Main Location Type:	Edge of Town	Survey Date:	17/09/2013
Sub Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 7:	KS-03-B-02	Site area:	0.7099999785423279 hect
Development Name:	TERRACED HOUSES	Number of dwellings:	17 DWELLS
Location:	BATLEY	Housing density:	36.17
Postcode:	WF17 OPR	Total Bedrooms:	43.00
Main Location Type:	Edge of Town	Survey Date:	19/10/2018
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 8:	NB-03-B-01	Site area:	3.5999999046325684 hect
Development Name:	SEMI DET. & TERRACED	Number of dwellings:	97 DWELLS
Location:	BEDLINGTON	Housing density:	35.93
Postcode:	NE22 6DX	Total Bedrooms:	292.00
Main Location Type:	Edge of Town	Survey Date:	
Sub Location Type:	Residential Zone	Survey Day:	
PTAL:	n/a		

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

Site 9:	SF-03-B-02	Site area:	2.07 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	60 DWELLS
Location:	IPSWICH	Housing density:	34.29
Postcode:	IP1 6LX	Total Bedrooms:	110.00
Main Location Type:	Edge of Town	Survey Date:	08/11/2024
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 10:	WO-03-B-01	Site area:	2.200000047683716 hect
Development Name:	TERRACED	Number of dwellings:	76 DWELLS
Location:	WORCESTER	Housing density:	
Postcode:		Total Bedrooms:	230.00
Main Location Type:	Edge of Town	Survey Date:	15/03/2002
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		

Audit Code: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

TRIP RATE for Land Use 03 - RESIDENTIAL/B - AFFORDABLE/LOCAL AUTHORITY HOUSES

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	10	64	0.056	0.130	0.186
08:00-09:00	10	64	0.138	0.241	0.379
09:00-10:00	10	64	0.158	0.213	0.371
10:00-11:00	10	64	0.174	0.172	0.346
11:00-12:00	10	64	0.151	0.171	0.322
12:00-13:00	10	64	0.189	0.171	0.360
13:00-14:00	10	64	0.158	0.161	0.319
14:00-15:00	10	64	0.222	0.180	0.402
15:00-16:00	10	64	0.233	0.191	0.424
16:00-17:00	10	64	0.258	0.157	0.415
17:00-18:00	10	64	0.219	0.165	0.384
18:00-19:00	10	64	0.174	0.158	0.332
19:00-20:00	1	43	0.372	0.116	0.488
20:00-21:00	1	43	0.093	0.116	0.209
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.595	2.342	4.937

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: 731cb0b2-fb4d-445d-8ef0-6936860ca1b9

Parameter Summary:

Trip rate parameter range selected:	20 - 200 (units: DWELLS)
Survey date date range:	30/11/1999 - 08/11/2024
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	1
Surveys automatically removed from selection:	2
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.

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 05 - HEALTH

Category: F - CARE HOME (ELDERLY RESIDENTIAL)

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST	
	ES	EAST SUSSEX 1 day
	KC	KENT 1 day
	WG	WOKINGHAM 1 day
	WS	WEST SUSSEX 1 day
03	SOUTH WEST	
	DC	DORSET 1 day
06	WEST MIDLANDS	
	WK	WARWICKSHIRE 1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY	NORTH YORKSHIRE 4 days
08	NORTH WEST	
	BP	BLACKPOOL 1 day
	EC	CHESHIRE EAST 1 day
	LC	LANCASHIRE 1 day
	MS	MERSEYSIDE 1 day
09	NORTH	
	TV	TEES VALLEY 1 day
10	WALES	
	BG	BRIDGEND 4 days
	CP	CAERPHILLY 1 day
11	SCOTLAND	
	AS	ABERDEENSHIRE 1 day
	DG	DUMFRIES & GALLOWAY 1 day
	FA	FALKIRK 1 day
	HI	HIGHLAND 1 day
	NA	NORTH AYRSHIRE 1 day
	SR	STIRLING 1 day
12	CONNAUGHT	
	CS	SLIGO 1 day
14	LEINSTER	
	WX	WEXFORD 1 day
15	GREATER DUBLIN	
	DL	DUBLIN 1 day
17	ULSTER (NORTHERN IRELAND)	
	AR	ARMAGH 2 days

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

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

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:	RESIDE
Actual Range:	16 to 180 (units:RESIDE)
Range Selected by User:	16 to 180 (units:RESIDE)
Parking Spaces Range:	3 - 110

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	30/07/96 to 22/04/25

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:

Friday	4 days
Monday	5 days
Thursday	10 days
Tuesday	8 days
Wednesday	4 days

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

Selected survey types:

Manual count	29
Direction ATC Count	2

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:

Edge of Town	11 days
Neighbourhood Centre	6 days
Suburban Area	14 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:

No Sub Category	7 days
Residential Zone	19 days
Village	5 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 Included	6 days
Servicing vehicles Unknown	25 days

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

Secondary Filtering Selection:

Use Class:

C2	31 surveys
----	------------

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:

300 - 9627

Population within 1 mile:

1,000 or Less	1 surveys
1,001 to 5,000	9 surveys
10,001 to 15,000	5 surveys
15,001 to 20,000	3 surveys
20,001 to 25,000	1 surveys
5,001 to 10,000	12 surveys

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

Population within 5 miles:

100,001 to 125,000	4 surveys
125,001 to 250,000	6 surveys
25,001 to 50,000	5 surveys
5,001 to 25,000	5 surveys
50,001 to 75,000	3 surveys
75,001 to 100,000	8 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	15 surveys
1.1 to 1.5	14 surveys
1.6 to 2.0	1 surveys
Unknown	1 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.

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

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	30 surveys
Yes	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:

No PTAL Present	31 surveys
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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.

COVID-19 Restrictions:

No

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

1 MOY ROAD PORTADOWN Edge of Town Residential Zone Number of residents: 38 RESIDE Survey date: Thursday 19/10/2023	AR-05-F-01	CARE HOME	ARMAGH	Survey Type: Manual
2 CHARLES STREET PORTADOWN Suburban Area Residential Zone Number of residents: 21 RESIDE Survey date: Wednesday 18/10/2023	AR-05-F-02	NURSING HOME	ARMAGH	Survey Type: Manual
3 FONTHILL ROAD ABERDEEN FERRYHILL Suburban Area Residential Zone Number of residents: 53 RESIDE Survey date: Thursday 26/05/2005	AS-05-F-01	NURSING HOME	ABERDEENSHIRE	Survey Type: Manual
4 BLACKMILL ROAD BLACKMILL PANT-YR-AWEL Neighbourhood Centre Village Number of residents: 60 RESIDE Survey date: Thursday 08/08/1996	BG-05-F-01	NURSING HOME	BRIDGEND	Survey Type: Manual
5 PORTHCAWL ROAD BRIDGEND SOUTH CORNELLY Edge of Town No Sub Category Number of residents: 46 RESIDE Survey date: Thursday 01/08/1996	BG-05-F-02	NURSING HOME	BRIDGEND	Survey Type: Manual
6 COYCHURCH ROAD BRIDGEND PENCOED Edge of Town No Sub Category Number of residents: 45 RESIDE Survey date: Tuesday 06/08/1996	BG-05-F-03	NURSING HOME	BRIDGEND	Survey Type: Manual
7 WEST ROAD BRIDGEND PORTHCAWL Suburban Area Residential Zone Number of residents: 62 RESIDE Survey date: Tuesday 30/07/1996	BG-05-F-04	NURSING HOME	BRIDGEND	Survey Type: Manual
8 LYTHAM ROAD	BP-05-F-01	NURSING HOME	BLACKPOOL	

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

BLACKPOOL
SQUIRES GATE

Edge of Town
Residential Zone

Number of residents: 31 RESIDE
Survey date: Tuesday 27/09/2016

Survey Type: Manual

9	CP-05-F-01	NURS./RES. HOMES	CAERPHILLY
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OLD NANTGARW ROAD
NEAR CARDIFF
NANTGARW
Neighbourhood Centre
Village

Number of residents: 93 RESIDE
Survey date: Friday 19/09/2008

Survey Type: Manual

10	CS-05-F-01	NURSING HOME	SLIGO
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CHURCH HILL
SLIGO

Edge of Town
Residential Zone

Number of residents: 99 RESIDE
Survey date:

Survey Type: Manual

11	DC-05-F-01	NURSING HOME	DORSET
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WIMBORNE ROAD WEST
WIMBORNE

Edge of Town
No Sub Category

Number of residents: 27 RESIDE
Survey date: Wednesday 29/04/1998

Survey Type: Manual

12	DG-05-F-01	NURSING HOME	DUMFRIES & GALLOWAY
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BRUCE STREET
LOCHMABEN

Edge of Town
No Sub Category

Number of residents: 32 RESIDE
Survey date: Tuesday 09/06/1998

Survey Type: Manual

13	DL-05-F-01	NURSING HOME	DUBLIN
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MOUNT ANVILLE PARK
DUBLIN

GOATSTOWN
Suburban Area

Residential Zone
Number of residents: 16 RESIDE
Survey date: Tuesday 05/09/2017

Survey Type: Manual

14	EC-05-F-01	NURSING HOME	CHESHIRE EAST
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CREWE ROAD
NEAR CREWE
HASLINGTON

Neighbourhood Centre
Village

Number of residents: 88 RESIDE
Survey date: Friday 17/10/2008

Survey Type: Manual

15	ES-05-F-01	NURSING HOME	EAST SUSSEX
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WILLINGDON ROAD
EASTBOURNE

Suburban Area
Residential Zone



Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

Number of residents: 54 RESIDE
Survey date: Thursday 12/07/2001

Survey Type: Manual

16 BROWN STREET FALKIRK CAMELON Neighbourhood Centre Residential Zone Number of residents: 56 RESIDE Survey date: Wednesday 20/04/2022	FA-05-F-01	NURSING HOME	FALKIRK	Survey Type: Manual
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17 CAWDOR ROAD NAIRN Edge of Town No Sub Category Number of residents: 44 RESIDE Survey date: Tuesday 09/05/2006	HI-05-F-01	NURSING HOME	HIGHLAND	Survey Type: Manual
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18 LINTON ROAD MAIDSTONE LOOSE MAIDSTONE Suburban Area Residential Zone Number of residents: 40 RESIDE Survey date: Thursday 20/11/1997	KC-05-F-01	NURSING HOME	KENT	Survey Type: Manual
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19 WHITTINGHAM LANE PRESTON GRIMSARGH Neighbourhood Centre Village Number of residents: 26 RESIDE Survey date: Friday 23/10/1998	LC-05-F-01	NURSING HOME	LANCASHIRE	Survey Type: Manual
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20 VICTORIA STREET NEAR SAINT HELENS RAINFORD Neighbourhood Centre Village Number of residents: 50 RESIDE Survey date: Friday 15/09/2023	MS-05-F-01	NURSING HOME	MERSEYSIDE	Survey Type: Manual
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21 BURNS AVENUE SALTCOATS DYKESMAINS Edge of Town Residential Zone Number of residents: 150 RESIDE Survey date: Thursday 04/09/1997	NA-05-F-01	NURSING HOME	NORTH AYRSHIRE	Survey Type: Manual
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22 HARROGATE ROAD RIPON Suburban Area Residential Zone Number of residents: 38 RESIDE Survey date:	NY-05-F-01	NURSING HOME	NORTH YORKSHIRE	Survey Type: Manual
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Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

23 LEEDS ROAD TADCASTER Suburban Area Residential Zone Number of residents: 33 RESIDE Survey date: Tuesday 19/04/2005	NY-05-F-03	NURSING HOME	NORTH YORKSHIRE	Survey Type: Manual
24 SEAGRIM CRESCENT RICHMOND Edge of Town Residential Zone Number of residents: 37 RESIDE Survey date:	NY-05-F-05	NURSING HOME	NORTH YORKSHIRE	Survey Type: Manual
25 HAMBLETON GROVE KNARESBOROUGH Suburban Area Residential Zone Number of residents: 75 RESIDE Survey date:	NY-05-F-06	CARE HOME	NORTH YORKSHIRE	Survey Type: Manual
26 PERTH ROAD DUNBLANE Suburban Area Residential Zone Number of residents: 60 RESIDE Survey date: Wednesday 18/06/2014	SR-05-F-01	NURSING HOME	STIRLING	Survey Type: Manual
27 HUNDENS LANE DARLINGTON Suburban Area No Sub Category Number of residents: 59 RESIDE Survey date:	TV-05-F-01	NURSING HOME	TEES VALLEY	Survey Type: Manual
28 BARKHAM ROAD WOKINGHAM Suburban Area Residential Zone Number of residents: 58 RESIDE Survey date: Tuesday 20/11/2012	WG-05-F-01	NURSING HOME	WOKINGHAM	Survey Type: Manual
29 CLARENDON SQUARE LEAMINGTON SPA Suburban Area Residential Zone Number of residents: 32 RESIDE Survey date: Thursday 25/10/2012	WK-05-F-01	NURSING HOME	WARWICKSHIRE	Survey Type: Manual
30 WHYKE ROAD CHICHESTER WHYKE Edge of Town No Sub Category	WS-05-F-01	NURSING HOME	WEST SUSSEX	

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

Number of residents: 19 RESIDE
Survey date: Friday 07/12/2001
Survey Type: Manual

31	WX-05-F-01	NURSING HOME	WEXFORD
DAVITT ROAD NORTH			
WEXFORD			
Suburban Area			
Residential Zone			
Number of residents: 69 RESIDE			
Survey date: Thursday 20/04/2023			
Survey Type: Manual			

Audit Code: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

Total Vehicles

Calculation factor: 1 RESIDE

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. RESIDE	Arrivals	Departures	Totals
00:00-01:00	6	44	0.000	0.000	0.000
01:00-02:00	6	44	0.000	0.000	0.000
02:00-03:00	6	44	0.004	0.004	0.008
03:00-04:00	6	44	0.000	0.000	0.000
04:00-05:00	6	44	0.004	0.004	0.008
05:00-06:00	6	44	0.000	0.000	0.000
06:00-07:00	7	41	0.097	0.024	0.121
07:00-08:00	31	52	0.148	0.059	0.207
08:00-09:00	31	52	0.092	0.076	0.168
09:00-10:00	31	52	0.091	0.055	0.146
10:00-11:00	31	52	0.098	0.072	0.170
11:00-12:00	31	52	0.097	0.109	0.206
12:00-13:00	31	52	0.081	0.101	0.182
13:00-14:00	31	52	0.131	0.098	0.229
14:00-15:00	31	52	0.155	0.179	0.334
15:00-16:00	31	52	0.106	0.132	0.238
16:00-17:00	31	52	0.068	0.119	0.187
17:00-18:00	31	52	0.058	0.086	0.144
18:00-19:00	31	52	0.063	0.071	0.134
19:00-20:00	23	44	0.076	0.096	0.172
20:00-21:00	23	44	0.024	0.048	0.072
21:00-22:00	9	42	0.013	0.016	0.029
22:00-23:00	6	44	0.000	0.000	0.000
23:00-00:00	6	44	0.000	0.000	0.000
Total Rates:			1.406	1.349	2.755

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: afd2be0d-dc91-4c4f-9be1-d53e26de2ccf

Parameter Summary:

Trip rate parameter range selected:	16 - 180 (units: RESIDE)
Survey date date range:	30/07/1996 - 19/10/2023
Number of weekdays (Monday-Friday):	31
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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.

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: D - AFFORDABLE/LOCAL AUTHORITY FLATS

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

01	GREATER LONDON	
	EG	EALING
		3 days
02	SOUTH EAST	
	HC	HAMPSHIRE
	OX	OXFORDSHIRE
		1 day
03	SOUTH WEST	
	BR	BRISTOL CITY
	PL	PLYMOUTH
		1 day
04	EAST ANGLIA	
	NF	NORFOLK
		1 day
05	EAST MIDLANDS	
	LN	LINCOLNSHIRE
		2 days
06	WEST MIDLANDS	
	HE	HEREFORDSHIRE
	WO	WORCESTERSHIRE
		1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	KS	KIRKLEES
		1 day
09	NORTH	
	DH	DURHAM
		1 day
11	SCOTLAND	
	DU	DUNDEE CITY
		1 day
12	CONNAUGHT	
	GA	GALWAY
	RO	ROSCOMMON
		1 day
17	ULSTER (NORTHERN IRELAND)	
	AN	ANTRIM
		3 days

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

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

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 467 (units:DWELLS)
Range Selected by User:	6 to 467 (units:DWELLS)
Parking Spaces Range:	0 - 399

Public Transport Provision:	
Selection by:	All Surveys Included
Date Range:	09/07/91 to 10/04/24

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:	
Friday	2 days
Monday	1 days
Thursday	5 days
Tuesday	4 days
Wednesday	8 days

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

Selected survey types:	
Manual count	20
Direction ATC Count	0

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:	
Edge of Town	7 days
Neighbourhood Centre	5 days
Suburban Area	8 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:	
Industrial Zone	1 days
No Sub Category	2 days
Residential Zone	16 days
Village	1 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 Included	1 days
Servicing vehicles Unknown	19 days

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

Secondary Filtering Selection:

Use Class:

C3	20 surveys
----	------------

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:

215 - 14600

Population within 1 mile:

1,001 to 5,000	6 surveys
10,001 to 15,000	2 surveys
15,001 to 20,000	3 surveys
20,001 to 25,000	2 surveys
5,001 to 10,000	4 surveys
Not Known	3 surveys

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

Population within 5 miles:

100,001 to 125,000	1 surveys
125,001 to 250,000	7 surveys
25,001 to 50,000	2 surveys
5,000 or Less	1 surveys
5,001 to 25,000	2 surveys
75,001 to 100,000	4 surveys
Not Known	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	8 surveys
1.1 to 1.5	8 surveys
1.6 to 2.0	1 surveys
Not Known	3 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.

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

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 20 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:

No PTAL Present 20 surveys

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.

COVID-19 Restrictions:

No

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

1 COAST ROAD NEAR LARNE DRAINS BAY Neighbourhood Centre Village Site area: 0.10000000149011612 hect Survey date: Wednesday 30/01/2002	AN-03-D-01	BLOCK OF FLATS	ANTRIM	Survey Type: Manual
2 MILL STREET LISBURN Edge of Town Residential Zone Site area: 0.8999999761581421 hect Survey date: Wednesday 13/09/2006	AN-03-D-02	FLATS/SEMI DETACHED	ANTRIM	Survey Type: Manual
3 BELFAST ROAD CARRICKFERGUS WEST DIVISION Suburban Area Residential Zone Site area: 0.9300000071525574 hect Survey date: Wednesday 07/12/2011	AN-03-D-03	FLATS & BUNGALOWS	ANTRIM	Survey Type: Manual
4 HONEY GARSTON ROAD BRISTOL HARTCLIFFE Edge of Town Residential Zone Site area: 0.30000001192092896 hect Survey date: Thursday 02/10/2003	BR-03-D-01	BLOCKS OF FLATS	BRISTOL CITY	Survey Type: Manual
5 DRYBURN ROAD DURHAM FRAMWELLGATE MOOR Edge of Town No Sub Category Site area: 0.30000001192092896 hect Survey date: Thursday 20/06/2002	DH-03-D-01	BLOCKS OF FLATS	DURHAM	Survey Type: Manual
6 JUBILEE PARK NEAR DUNDEE LETHAM Suburban Area Residential Zone Site area: 0.3499999940395355 hect Survey date: Friday 06/05/2011	DU-03-D-01	FLATS IN HOUSES	DUNDEE CITY	Survey Type: Manual
7 DELAMERE ROAD EALING COMMON Suburban Area Residential Zone Site area: 2.799999952316284 hect Survey date: Tuesday 09/07/1991	EG-03-D-01	FLATS	EALING	Survey Type: Manual
8 THE VALE	EG-03-D-02	FLATS	EALING	



Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

EAST ACTON Neighbourhood Centre Residential Zone Site area: 0.800000011920929 hect Survey date: Wednesday 20/11/1991 Survey Type: Manual			
9	EG-03-D-03	FLATS	EALING
HORSENDEN LANE SOUTH PERIVALE Neighbourhood Centre Industrial Zone Site area: 2.799999952316284 hect Survey date: Wednesday 13/11/1991 Survey Type: Manual			
10	GA-03-D-01	BLOCK OF FLATS	GALWAY
DOUGHISKA ROAD GALWAY DOUGHISKA Edge of Town Residential Zone Site area: 0.28999999165534973 hect Survey date: Wednesday 10/04/2024 Survey Type: Manual			
11	HC-03-D-05	BLOCK OF FLATS	HAMPSHIRE
WORTING ROAD BASINGSTOKE Suburban Area Residential Zone Site area: 0.23000000417232513 hect Survey date: Survey Type: Manual			
12	HE-03-D-01	BLOCK OF FLATS	HEREFORDSHIRE
BROXASH DRIVE HEREFORD Neighbourhood Centre Residential Zone Site area: 2.390000104904175 hect Survey date: Friday 22/10/2010 Survey Type: Manual			
13	KS-03-D-01	BLOCK OF FLATS	KIRKLEES
CARR STREET HECKMONDWIKE LIVERSEDGE Edge of Town Residential Zone Site area: 0.5199999809265137 hect Survey date: Thursday 01/05/2014 Survey Type: Manual			
14	LN-03-D-01	BLOCKS OF FLATS	LINCOLNSHIRE
WOODFIELD AVENUE LINCOLN BIRCHWOOD Edge of Town Residential Zone Site area: 0.30000001192092896 hect Survey date: Tuesday 10/09/2002 Survey Type: Manual			
15	LN-03-D-02	FLATS	LINCOLNSHIRE
ADDISON DRIVE LINCOLN Suburban Area Residential Zone Site area: 0.3100000023841858 hect			



Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

Survey date: Wednesday 01/07/2015

Survey Type: Manual

16 DICKENS AVENUE GREAT YARMOUTH Suburban Area Residential Zone Site area: 0.11999999731779099 hect Survey date: Tuesday 20/09/2005	NF-03-D-01	BLOCK OF FLATS	NORFOLK	Survey Type: Manual
17 FAIRLAWN END OXFORD UPPER WOLVERCOTE Edge of Town Residential Zone Site area: 0.10999999940395355 hect Survey date: Tuesday 05/10/2010	OX-03-D-01	FLATS	OXFORDSHIRE	Survey Type: Manual
18 WONFORD ROAD EXETER Suburban Area No Sub Category Site area: 0.5 hect Survey date: Wednesday 12/11/2003	PL-03-D-01	BLOCKS OF FLATS	PLYMOUTH	Survey Type: Manual
19 CIRCULAR ROAD BALLAGHADEREEN Suburban Area Residential Zone Site area: 0.10000000149011612 hect Survey date: Thursday 14/07/2011	RO-03-D-01	FLATS	ROSCOMMON	Survey Type: Manual
20 CRANHAM DRIVE WORCESTER Neighbourhood Centre Residential Zone Site area: 0.15000000596046448 hect Survey date: Thursday 22/05/2014	WO-03-D-02	BLOCKS OF FLATS	WORCESTERSHIRE	Survey Type: Manual

Audit Code: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

TRIP RATE for Land Use 03 - RESIDENTIAL/D - AFFORDABLE/LOCAL AUTHORITY FLATS

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	1	10	0.000	0.000	0.000
01:00-02:00	1	10	0.000	0.000	0.000
02:00-03:00	1	10	0.000	0.000	0.000
03:00-04:00	1	10	0.000	0.000	0.000
04:00-05:00	1	10	0.000	0.000	0.000
05:00-06:00	1	10	0.000	0.000	0.000
06:00-07:00	1	10	0.000	0.000	0.000
07:00-08:00	20	44	0.037	0.077	0.114
08:00-09:00	20	44	0.095	0.163	0.258
09:00-10:00	20	44	0.089	0.107	0.196
10:00-11:00	20	44	0.106	0.101	0.207
11:00-12:00	20	44	0.086	0.097	0.183
12:00-13:00	20	44	0.116	0.095	0.211
13:00-14:00	20	44	0.123	0.112	0.235
14:00-15:00	20	44	0.116	0.119	0.235
15:00-16:00	20	44	0.120	0.088	0.208
16:00-17:00	20	44	0.129	0.102	0.231
17:00-18:00	20	44	0.164	0.137	0.301
18:00-19:00	20	44	0.144	0.121	0.265
19:00-20:00	3	15	0.111	0.111	0.222
20:00-21:00	3	15	0.156	0.156	0.312
21:00-22:00	3	15	0.067	0.111	0.178
22:00-23:00	1	10	0.100	0.000	0.100
23:00-00:00	1	10	0.000	0.000	0.000
Total Rates:			1.759	1.697	3.456

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: b0c34eff-7c13-4c29-9a56-ddeedbe3b2ca

Parameter Summary:

Trip rate parameter range selected:	6 - 467 (units: DWELLS)
Survey date date range:	09/07/1991 - 10/04/2024
Number of weekdays (Monday-Friday):	20
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.

APPENDIX

I



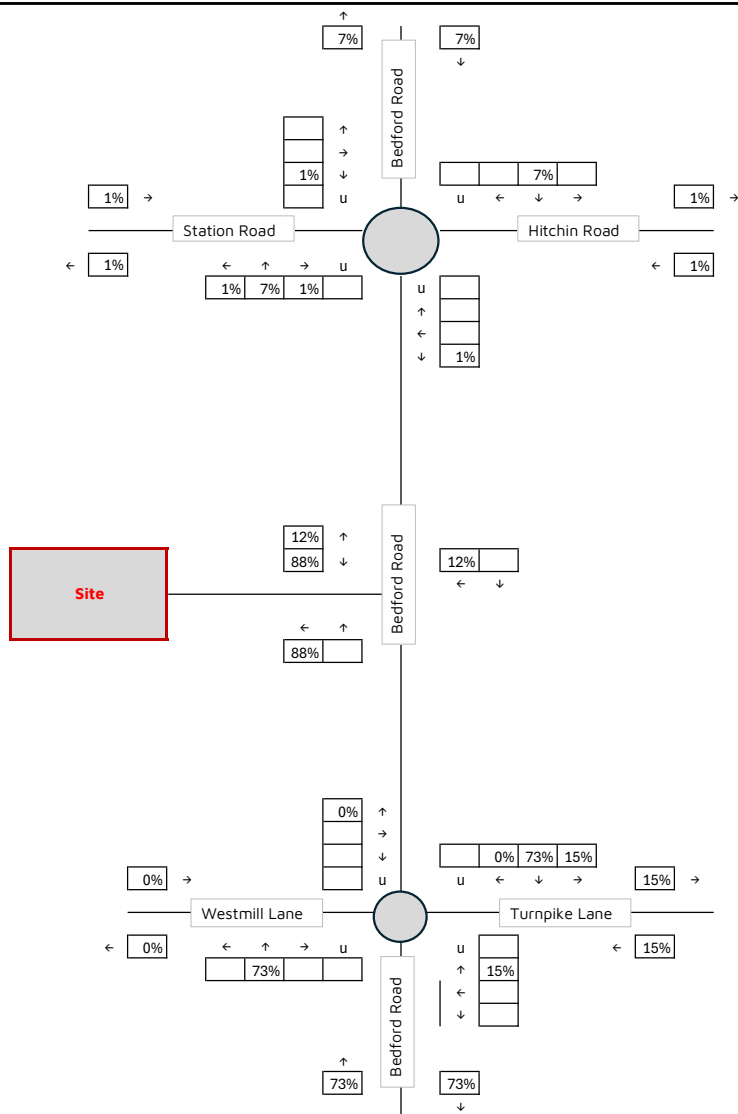
place of work	DRIVING	Site Access		Junction 1			Junction 2		
		North on Bedford Road	South on Bedford Road	Turnpike Lane	Bedford Road	Westmill Lane	Bedford Road	Station Road	Hitchin Road
E02004909 : North Hertfordshire 001	2		2	2					
E02004910 : North Hertfordshire 002	14		14	14					
E02004912 : North Hertfordshire 004	22		22	22					
E02004913 : North Hertfordshire 005	28		28	28					
E02004914 : North Hertfordshire 006	114		114	114					
E02004915 : North Hertfordshire 007	8		8	8					
E02004916 : North Hertfordshire 008	61		61	31	31				
E02004917 : North Hertfordshire 009	9		9	5	5				
E02004918 : North Hertfordshire 010	149		149	75	75				
E02004919 : North Hertfordshire 011	11		11	6	6				
E02004920 : North Hertfordshire 012	167		167		167				
E02004921 : North Hertfordshire 013	26		26	13	13				
E02004922 : North Hertfordshire 014	179	60	119		119				
E02004923 : North Hertfordshire 015	43		43		43				
Basildon	1		1		1				
Bedford	29	29					29		
Braintree	1		1	1					
Broxbourne	15		15	8	8				
Cambridge	19	10	10	10					10
Central Bedfordshire	192	96	96		96		96		
Chelmsford	4		4	4					
Colchester	2		2	2					
Dacorum	51		51		51				
East Hertfordshire	66		66	33	33				
Epping Forest	2		2		2				
Harlow	14		14	7	7				
Hertsmere	35		35		35				
Huntingdonshire	14	14					14		
Luton	326	33	293		293			33	
South Cambridgeshire	28	14	14	14					14
St Albans	191		191		191				
Stevenage	302		302		302				
Three Rivers	7		7		7				
Uttlesford	2		2	2					
Watford	11		11		11				
Waveney	1		1	1					
Welwyn Hatfield	251		251		251				
Daventry	1	1					1		
East Lindsey	1	1					1		
Harborough	1	1					1		
Northampton	6	6					6		
South Northamptonshire	1	1					1		
Barnet	32		32		32				
Bexley	1		1		1				
Brent	7		7		7				
Camden	5		5		5				
Ealing	4		4		4				
Enfield	15		15		15				
Hammersmith and Fulham	6		6		6				
Haringey	5		5		5				
Harrow	7		7		7				
Havering	2		2		2				
Hillingdon	14		14		14				
Hounslow	4		4		4				
Lambeth	3		3		3				
Lewisham	1		1		1				
Merton	1		1		1				
Newham	1		1		1				
Redbridge	1		1		1				
Southwark	1		1		1				
Tower Hamlets	4		4		4				
Waltham Forest	1		1		1				
Wandsworth	1		1		1				
Westminster City of London	25		25		25				
County Durham	1	1					1		
Manchester	1	1					1		
Preston	1	1					1		
Aylesbury Vale	3	3						3	
Basingstoke and Deane	2		2		2				
Bracknell Forest	1		1		1				
Cherwell	2	2					2		
Chiltern	3		3		3				
Dartford	5		5		5				
Elmbridge	1		1		1				
Fareham	1		1		1				
Hart	1		1		1				
Milton Keynes	25	25					25		
Mole Valley	1		1		1				
Reading	1		1		1				
Slough	3		3		3				
South Bucks	1		1		1				
South Oxfordshire	1		1		1				
Spelthorne	1		1		1				
Surrey Heath	1		1		1				
West Berkshire	2		2		2				
Windsor and Maidenhead	1		1		1				
Woking	3		3		3				
Wycombe	3		3		3				
Cheltenham	1	1					1		
East Devon	1		1		1				
East Dorset	1		1		1				
South Gloucestershire	1		1		1				
Stroud	1		1		1				
Birmingham	1	1					1		
Cannock Chase	1	1					1		
Sandwell	1	1					1		
Solihull	1	1					1		
South Staffordshire	2	2					2		
Leeds	2	2					2		
Rotherham	2	2					2		
Sheffield	3	3					3		
Total	2,631	312 12%	2,319 88%	397 15%	1,922 73%	0 0%	193 7%	36 1%	24 1%

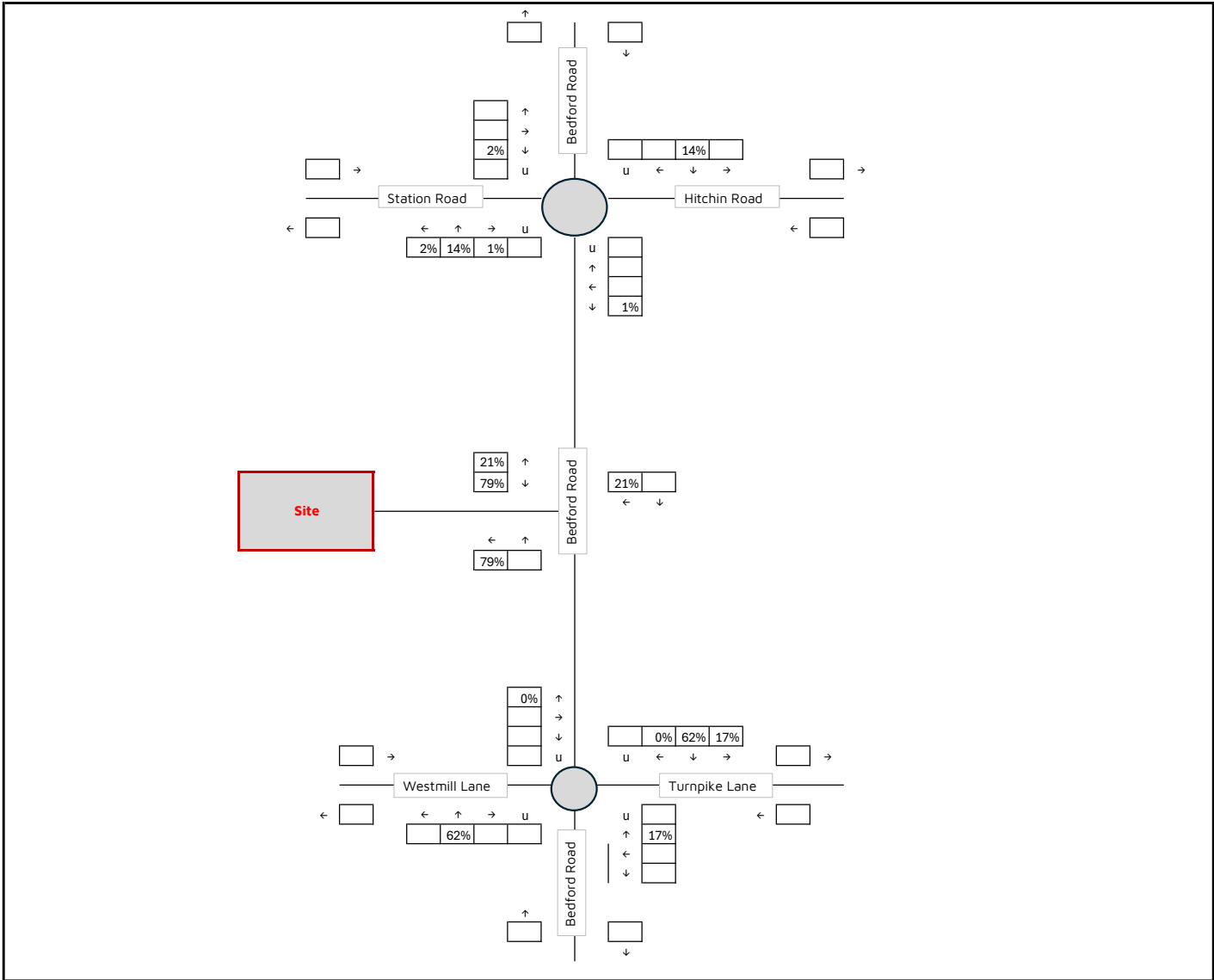
Doesn't reach junction

APPENDIX

J





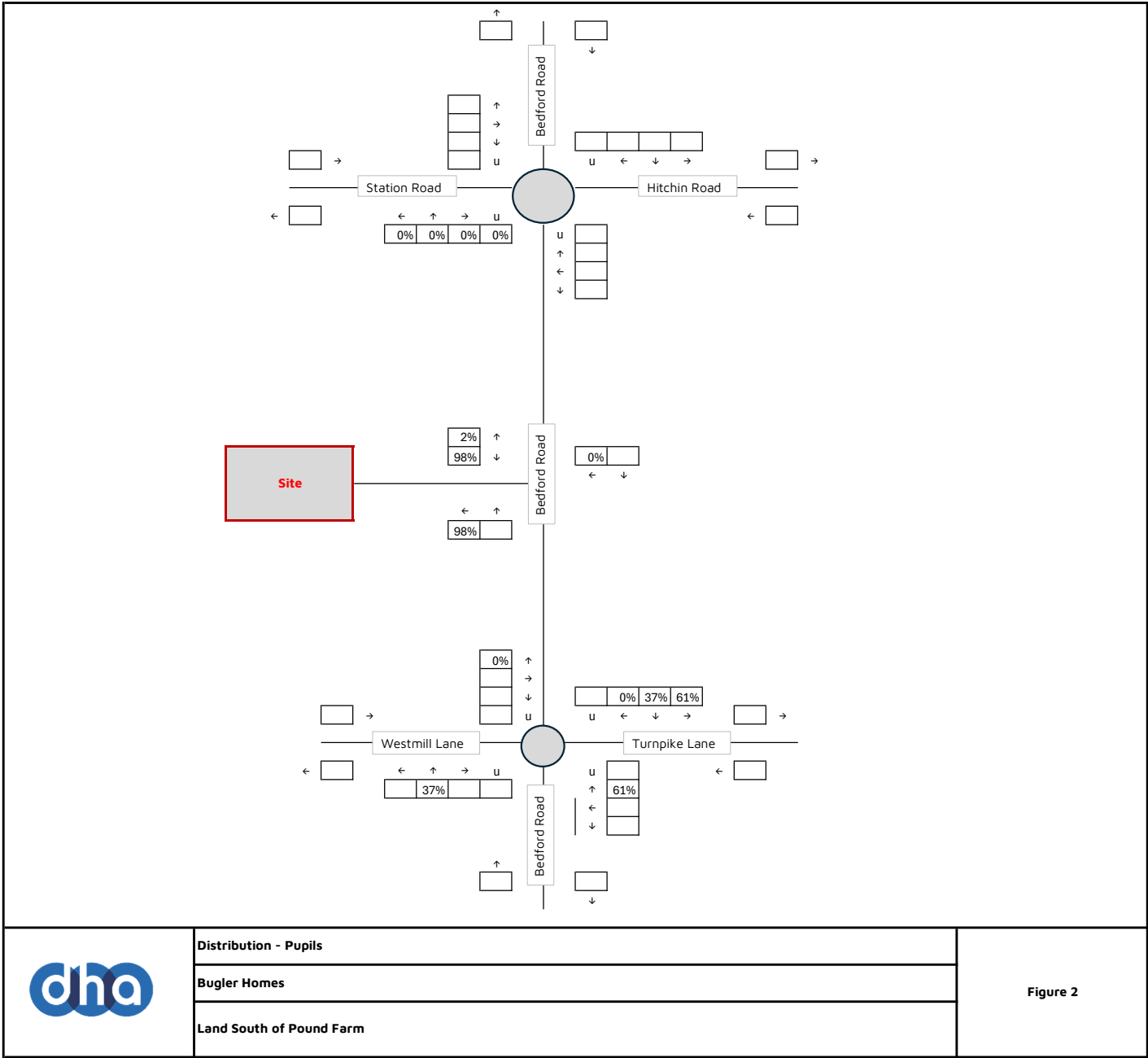


Distribution - Staff

Bugler Homes

Land South of Pound Farm

Figure 3



APPENDIX K



K&MTRAFFIC SURVEYS

SITE: BEDFORD ROAD ICKLEFORD 2

LOCATION: Attached to footpath sign

GRID REFERENCE: 51.970232, -0.287728

DIRECTION: NORTHBOUND SPEED LIMIT: 30

06 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	52	0	0	0	12	18	11	5	2	3	1	0	0	0	0	0	37.9	45.7
0100	15	0	0	0	1	2	4	5	2	0	0	0	0	1	0	0	45.3	50.5
0200	6	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	41.1	-
0300	6	0	0	0	1	1	2	0	1	1	0	0	0	0	0	0	41.1	-
0400	18	0	0	0	0	5	5	3	2	3	0	0	0	0	0	0	44.3	57.2
0500	50	1	0	0	6	10	12	9	8	4	0	0	0	0	0	0	42.1	53.2
0600	104	0	0	0	10	35	31	14	12	2	0	0	0	0	0	0	39.9	48.2
0700	254	0	0	0	24	97	94	33	6	0	0	0	0	0	0	0	37.8	43.7
0800	341	0	0	4	39	141	106	41	7	3	0	0	0	0	0	0	37.3	43.5
0900	295	0	1	0	36	134	87	28	5	3	1	0	0	0	0	0	37	42.9
1000	336	0	0	2	42	164	100	24	4	0	0	0	0	0	0	0	36.3	40.7
1100	383	0	1	3	84	163	95	30	5	1	1	0	0	0	0	0	35.7	41.6
1200	429	0	0	2	57	197	126	41	4	1	1	0	0	0	0	0	36.6	41.6
1300	433	0	3	6	64	196	119	37	4	4	0	0	0	0	0	0	36.1	41.4
1400	472	0	0	4	77	246	104	34	5	2	0	0	0	0	0	0	35.6	40.9
1500	604	0	3	2	65	280	206	45	2	1	0	0	0	0	0	0	36.5	41.7
1600	627	0	0	1	78	267	199	68	9	4	1	0	0	0	0	0	37.2	42.8
1700	666	0	0	3	92	293	234	40	4	0	0	0	0	0	0	0	36.4	41.4
1800	456	0	1	2	50	195	160	41	6	1	0	0	0	0	0	0	37.1	42.2
1900	356	0	3	2	41	157	111	32	7	3	0	0	0	0	0	0	36.9	41.9
2000	275	0	0	1	40	110	79	33	7	5	0	0	0	0	0	0	37.4	43.9
2100	189	0	0	0	28	70	65	17	4	2	3	0	0	0	0	0	37.5	42.9
2200	176	0	0	0	37	64	50	17	5	3	0	0	0	0	0	0	36.8	43

2300	148	0	0	0	15	54	61	13	2	0	1	0	2	0	0	0	38.4	43.1
07-19	5296	0	9	29	708	2373	1630	462	61	20	4	0	0	0	0	0	36.6	41.9
06-22	6220	0	12	32	827	2745	1916	558	91	32	7	0	0	0	0	0	36.7	42.2
06-00	6544	0	12	32	879	2863	2027	588	98	35	8	0	2	0	0	0	36.8	42.3
00-00	6691	1	12	32	900	2900	2062	612	114	46	9	0	2	1	0	0	36.9	42.4

07 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	95	0	0	0	9	20	35	23	6	2	0	0	0	0	0	0	40.7	47.2
0100	35	0	0	0	6	9	6	7	7	0	0	0	0	0	0	0	40.5	50.9
0200	20	0	0	0	0	4	5	3	6	1	1	0	0	0	0	0	45.4	52.1
0300	27	0	0	0	4	5	4	7	5	1	0	1	0	0	0	0	43.2	52.7
0400	17	0	0	0	0	4	6	2	4	1	0	0	0	0	0	0	43.2	54
0500	28	0	0	0	6	9	6	5	0	1	1	0	0	0	0	0	38.5	46.9
0600	38	0	0	0	1	10	16	9	2	0	0	0	0	0	0	0	40.8	47.6
0700	79	0	0	1	10	28	16	16	4	3	0	0	1	0	0	0	39.4	48.1
0800	195	0	0	1	25	71	51	31	11	2	2	1	0	0	0	0	38.7	46.7
0900	254	0	0	2	22	112	83	29	5	1	0	0	0	0	0	0	37.6	43.3
1000	351	0	0	0	48	144	107	41	8	3	0	0	0	0	0	0	37.4	43.5
1100	442	0	1	3	76	208	123	22	8	1	0	0	0	0	0	0	35.8	41
1200	495	0	0	5	79	220	138	41	10	0	0	1	1	0	0	0	36.4	41.8
1300	491	0	0	4	83	201	168	29	4	2	0	0	0	0	0	0	36.2	41.5
1400	481	0	0	10	66	217	153	33	2	0	0	0	0	0	0	0	35.8	40.7
1500	453	0	0	1	89	212	119	28	3	1	0	0	0	0	0	0	35.5	40.5
1600	406	0	0	1	73	177	113	32	8	2	0	0	0	0	0	0	36.3	42.2
1700	373	0	0	0	79	169	107	16	2	0	0	0	0	0	0	0	35.2	40.5
1800	316	0	0	3	76	123	83	26	2	2	1	0	0	0	0	0	35.7	41.9
1900	274	0	0	2	43	120	81	22	6	0	0	0	0	0	0	0	36.5	41.7
2000	221	0	0	0	47	92	53	24	4	1	0	0	0	0	0	0	36.2	43.1
2100	175	0	0	0	42	61	48	16	5	3	0	0	0	0	0	0	36.5	43.2
2200	133	0	0	1	23	47	40	15	5	0	2	0	0	0	0	0	37.3	43.8
2300	116	0	0	0	23	45	29	11	5	2	1	0	0	0	0	0	37.4	44.3
07-19	4336	0	1	31	726	1882	1261	344	67	17	3	2	2	0	0	0	36.3	41.9
06-22	5044	0	1	33	859	2165	1459	415	84	21	3	2	2	0	0	0	36.3	42.1
06-00	5293	0	1	34	905	2257	1528	441	94	23	6	2	2	0	0	0	36.4	42.2
00-00	5515	0	1	34	930	2308	1590	488	122	29	8	3	2	0	0	0	36.6	42.5

08 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	103	0	0	2	18	27	34	14	6	1	0	0	1	0	0	0	38.2	45.1
0100	42	0	0	0	8	13	9	7	2	3	0	0	0	0	0	0	38.9	47.8
0200	39	1	0	0	1	12	12	11	0	1	0	0	0	1	0	0	40.3	46
0300	24	0	0	0	4	6	6	3	3	1	1	0	0	0	0	0	40.5	51.8
0400	11	0	0	0	1	2	3	3	1	0	1	0	0	0	0	0	43.5	54.9
0500	22	0	0	0	4	2	6	4	4	0	2	0	0	0	0	0	43.8	55.3
0600	40	0	3	0	4	14	6	5	5	1	0	0	1	0	1	0	40.3	50.8
0700	71	0	3	0	8	20	20	9	9	1	0	1	0	0	0	0	39.2	50.2
0800	177	1	4	4	19	67	54	15	10	2	0	1	0	0	0	0	37.3	45.1
0900	192	2	6	11	27	61	52	24	8	1	0	0	0	0	0	0	36.1	44.4
1000	320	0	3	4	44	146	94	22	4	1	2	0	0	0	0	0	36.3	41.9
1100	331	0	2	5	35	131	104	45	7	2	0	0	0	0	0	0	37.5	44.1
1200	469	0	2	5	66	213	134	42	7	0	0	0	0	0	0	0	36.2	42.6
1300	459	0	0	3	81	200	130	38	7	0	0	0	0	0	0	0	36.1	41.7
1400	405	0	4	1	48	154	142	43	11	2	0	0	0	0	0	0	37.4	43.3
1500	414	0	2	7	73	171	100	47	12	2	0	0	0	0	0	0	36.4	43.5
1600	381	0	2	3	53	161	118	31	9	3	0	0	0	1	0	0	36.7	42.4
1700	308	1	0	1	42	116	105	35	5	1	2	0	0	0	0	0	37.4	42.8
1800	281	0	0	2	50	102	77	34	13	2	0	1	0	0	0	0	37.5	44.6
1900	219	0	0	0	25	87	74	23	5	5	0	0	0	0	0	0	37.9	44.1
2000	180	0	0	0	33	76	50	13	3	2	1	1	1	0	0	0	36.9	41.9
2100	95	0	1	0	18	35	28	7	5	1	0	0	0	0	0	0	37	43
2200	80	0	0	0	11	26	30	8	3	2	0	0	0	0	0	0	38.4	44.5
2300	45	1	1	0	7	11	14	7	2	2	0	0	0	0	0	0	38.2	46.7
07-19	3808	4	28	46	546	1542	1130	385	102	17	4	3	0	1	0	0	36.8	43.2
06-22	4342	4	32	46	626	1754	1288	433	120	26	5	4	2	1	1	0	36.9	43.2
06-00	4467	5	33	46	644	1791	1332	448	125	30	5	4	2	1	1	0	36.9	43.2
00-00	4708	6	33	48	680	1853	1402	490	141	36	9	4	3	2	1	0	37.1	43.4

09 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	20	0	0	0	1	3	7	4	3	2	0	0	0	0	0	0	43.9	54.5
0100	11	0	0	0	3	3	3	2	0	0	0	0	0	0	0	0	36.3	43.9
0200	9	0	1	0	1	5	0	0	0	2	0	0	0	0	0	0	37 -	
0300	9	0	0	0	2	4	1	0	2	0	0	0	0	0	0	0	37.4 -	
0400	17	0	0	0	1	5	6	3	1	1	0	0	0	0	0	0	40.6	50.7
0500	49	0	0	0	3	9	15	13	7	2	0	0	0	0	0	0	42.5	50.2
0600	131	0	1	2	15	48	40	15	8	2	0	0	0	0	0	0	38.2	45
0700	250	7	0	0	27	119	61	30	6	0	0	0	0	0	0	0	36.2	43.3
0800	320	1	1	1	48	147	95	22	3	1	1	0	0	0	0	0	36.2	41.3
0900	100	7	19	14	17	21	17	4	1	0	0	0	0	0	0	0	27.7	40.9
1000	279	1	0	5	41	145	65	18	3	1	0	0	0	0	0	0	35.6	40.3
1100	402	0	5	10	66	186	91	36	6	1	1	0	0	0	0	0	35.6	41
1200	407	0	0	10	75	191	108	15	4	4	0	0	0	0	0	0	35.3	40.7
1300	430	1	2	3	84	198	114	20	7	1	0	0	0	0	0	0	35.3	40.6
1400	446	0	0	1	71	233	100	31	5	4	0	0	0	1	0	0	35.9	40.5
1500	612	0	0	7	90	291	186	35	3	0	0	0	0	0	0	0	35.9	40.9
1600	859	1	2	7	104	445	252	44	4	0	0	0	0	0	0	0	35.8	40.6
1700	840	0	0	3	106	392	286	40	12	1	0	0	0	0	0	0	36.3	40.6
1800	656	0	0	12	105	309	169	54	6	1	0	0	0	0	0	0	35.9	41.7
1900	389	0	0	3	59	145	125	46	9	1	1	0	0	0	0	0	37.1	43.4
2000	271	0	0	1	40	93	97	30	7	3	0	0	0	0	0	0	37.6	43.5
2100	176	0	0	0	34	65	60	11	5	1	0	0	0	0	0	0	36.8	42.5
2200	136	0	0	0	30	50	34	17	4	0	0	1	0	0	0	0	36.8	44
2300	44	0	1	1	6	8	14	7	6	0	0	0	0	1	0	0	40.1	51.1
07-19	5601	18	29	73	834	2677	1544	349	60	14	2	0	0	1	0	0	35.7	40.9
06-22	6568	18	30	79	982	3028	1866	451	89	21	3	0	0	1	0	0	35.9	41.3
06-00	6748	18	31	80	1018	3086	1914	475	99	21	3	1	0	2	0	0	36	41.4
00-00	6863	18	32	80	1029	3115	1946	497	112	28	3	1	0	2	0	0	36.1	41.5

10 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	31	0	0	0	2	11	10	7	0	1	0	0	0	0	0	0	39.1	45.5
0100	11	0	0	0	1	2	5	3	0	0	0	0	0	0	0	0	40.3	46
0200	12	0	1	1	0	2	4	1	1	1	1	0	0	0	0	0	40.3	59.6
0300	10	0	0	0	4	2	3	1	0	0	0	0	0	0	0	0	35.2	-
0400	11	0	0	0	0	4	5	2	0	0	0	0	0	0	0	0	39.2	46.9
0500	51	0	0	2	4	9	14	14	5	1	2	0	0	0	0	0	42	50.2
0600	124	0	0	0	14	35	43	20	9	2	0	0	1	0	0	0	39.9	47.3
0700	310	9	8	5	26	105	108	43	5	1	0	0	0	0	0	0	36.4	44.1
0800	377	16	10	1	47	199	78	17	9	0	0	0	0	0	0	0	34	40
0900	369	10	4	2	44	213	70	21	5	0	0	0	0	0	0	0	34.6	40.3
1000	332	0	0	0	37	165	103	21	3	2	1	0	0	0	0	0	36.7	41.6
1100	334	0	1	2	53	149	87	37	3	2	0	0	0	0	0	0	36.4	42.5
1200	419	0	1	5	57	199	114	33	5	4	1	0	0	0	0	0	36.4	42.2
1300	410	0	0	2	61	188	111	36	11	0	1	0	0	0	0	0	36.6	42.2
1400	497	0	0	0	83	241	124	39	8	2	0	0	0	0	0	0	36.1	41.5
1500	654	1	14	9	101	270	205	44	9	1	0	0	0	0	0	0	35.7	41
1600	839	4	5	12	105	410	268	30	4	1	0	0	0	0	0	0	35.5	40.4
1700	801	0	4	5	105	364	258	58	6	1	0	0	0	0	0	0	36.2	41.4
1800	634	0	4	7	63	292	196	62	7	0	0	3	0	0	0	0	36.7	42.4
1900	407	1	8	15	57	166	121	27	9	1	1	1	0	0	0	0	35.7	41.9
2000	266	0	2	3	27	102	81	39	9	2	0	0	1	0	0	0	37.9	44.6
2100	225	0	0	0	33	89	83	13	5	1	0	0	0	1	0	0	37	41.4
2200	132	0	0	0	13	46	47	19	1	5	0	1	0	0	0	0	38.8	44.6
2300	58	0	0	0	8	23	18	5	4	0	0	0	0	0	0	0	37.9	43.8
07-19	5976	40	51	50	782	2795	1722	441	75	14	3	3	0	0	0	0	36	41.4
06-22	6998	41	61	68	913	3187	2050	540	107	20	4	4	2	1	0	0	36.1	41.6
06-00	7188	41	61	68	934	3256	2115	564	112	25	4	5	2	1	0	0	36.2	41.8
00-00	7314	41	62	71	945	3286	2156	592	118	28	7	5	2	1	0	0	36.2	41.9

11 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	35	0	0	1	7	17	4	4	2	0	0	0	0	0	0	0	35.9	45
0100	21	0	0	0	5	5	4	4	0	3	0	0	0	0	0	0	39.6	54.7
0200	5	0	1	0	1	2	0	0	0	1	0	0	0	0	0	0	34.4	-
0300	13	0	0	0	2	5	3	3	0	0	0	0	0	0	0	0	38	46.3
0400	17	0	0	0	0	1	6	7	2	0	1	0	0	0	0	0	45.3	53.3
0500	51	0	0	0	5	8	18	14	4	1	1	0	0	0	0	0	41.7	49.2
0600	130	0	0	0	13	36	47	22	10	1	1	0	0	0	0	0	39.6	46.4
0700	311	9	2	1	22	128	113	31	4	1	0	0	0	0	0	0	36.7	42.7
0800	383	14	5	2	50	182	106	21	3	0	0	0	0	0	0	0	34.9	40.3
0900	361	8	7	11	48	183	85	18	1	0	0	0	0	0	0	0	34.4	40.6
1000	324	0	0	3	41	147	104	20	9	0	0	0	0	0	0	0	36.7	41.7
1100	421	0	0	1	49	185	138	34	10	3	1	0	0	0	0	0	37.1	42.7
1200	464	0	1	5	57	228	124	36	9	3	1	0	0	0	0	0	36.5	41.7
1300	500	0	0	2	89	215	142	38	9	4	0	0	1	0	0	0	36.3	41.8
1400	528	0	1	13	67	243	142	53	6	2	1	0	0	0	0	0	36.4	42.4
1500	625	0	0	0	95	265	220	40	5	0	0	0	0	0	0	0	36.3	41.5
1600	832	0	0	1	114	420	242	50	2	0	0	1	2	0	0	0	36	40.5
1700	823	0	0	2	94	410	257	55	3	2	0	0	0	0	0	0	36.3	41.1
1800	617	0	0	2	59	262	226	57	7	2	0	1	1	0	0	0	37.4	42.4
1900	419	0	1	1	50	157	133	58	13	4	2	0	0	0	0	0	38	44.1
2000	317	0	1	0	47	113	102	34	15	1	4	0	0	0	0	0	37.8	43.8
2100	228	0	0	0	30	104	52	29	10	3	0	0	0	0	0	0	37.6	44.5
2200	165	0	0	0	27	66	42	18	7	4	0	0	1	0	0	0	37.8	45.1
2300	62	0	1	0	5	24	13	12	4	3	0	0	0	0	0	0	39.7	48.5
07-19	6189	31	16	43	785	2868	1899	453	68	17	3	2	4	0	0	0	36.3	41.6
06-22	7283	31	18	44	925	3278	2233	596	116	26	10	2	4	0	0	0	36.6	42.1
06-00	7510	31	19	44	957	3368	2288	626	127	33	10	2	5	0	0	0	36.6	42.1
00-00	7652	31	20	45	977	3406	2323	658	135	38	12	2	5	0	0	0	36.7	42.3

12 June 2025

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
0000	31	0	0	0	0	12	12	7	0	0	0	0	0	0	0	0	39.1	44.8
0100	21	0	0	1	3	9	1	7	0	0	0	0	0	0	0	0	37.1	46.6
0200	9	0	1	0	0	1	2	1	3	1	0	0	0	0	0	0	43.8	-
0300	17	0	0	0	1	9	5	0	0	2	0	0	0	0	0	0	37.9	46.9
0400	20	0	0	0	1	4	10	3	1	1	0	0	0	0	0	0	41.6	49.3
0500	55	0	0	0	2	13	10	17	7	5	1	0	0	0	0	0	43.9	51.4
0600	136	0	0	0	16	45	35	27	9	4	0	0	0	0	0	0	39.7	47.6
0700	327	7	14	4	49	133	74	39	5	2	0	0	0	0	0	0	35.3	43.3
0800	375	9	2	2	34	179	122	19	7	1	0	0	0	0	0	0	35.9	41.2
0900	324	0	1	1	30	149	87	43	9	2	2	0	0	0	0	0	37.6	44.5
1000	275	0	1	1	44	120	85	21	3	0	0	0	0	0	0	0	36.2	41.5
1100	358	0	3	0	42	171	107	32	3	0	0	0	0	0	0	0	36.5	42
1200	444	1	0	9	75	203	117	31	6	1	1	0	0	0	0	0	35.8	41.4
1300	455	0	1	5	96	197	115	34	6	0	0	1	0	0	0	0	35.6	41.1
1400	477	0	0	4	71	231	122	42	7	0	0	0	0	0	0	0	36.2	41.7
1500	651	0	7	12	89	301	189	45	4	1	1	2	0	0	0	0	36	41.4
1600	765	0	0	2	109	401	198	45	8	2	0	0	0	0	0	0	36	41
1700	845	0	0	20	124	436	220	37	7	0	0	0	0	0	1	0	35.3	39.7
1800	624	0	0	4	55	259	210	76	14	5	0	0	1	0	0	0	37.8	43.5
1900	421	0	1	7	56	165	137	42	8	1	4	0	0	0	0	0	37	42.9
2000	341	1	0	0	42	141	112	38	5	2	0	0	0	0	0	0	36.9	42.8
2100	237	0	1	1	31	91	69	34	6	1	2	1	0	0	0	0	37.7	44.4
2200	208	0	0	0	35	101	45	17	5	2	2	0	1	0	0	0	36.5	42.9
2300	79	0	0	0	5	26	30	12	4	2	0	0	0	0	0	0	39.4	45.9
07-19	5920	17	29	64	818	2780	1646	464	79	14	4	3	1	0	1	0	36.1	41.6
06-22	7055	18	31	72	963	3222	1999	605	107	22	10	4	1	0	1	0	36.3	41.9
06-00	7342	18	31	72	1003	3349	2074	634	116	26	12	4	2	0	1	0	36.4	41.9
00-00	7495	18	32	73	1010	3397	2114	669	127	35	13	4	2	0	1	0	36.5	42.2

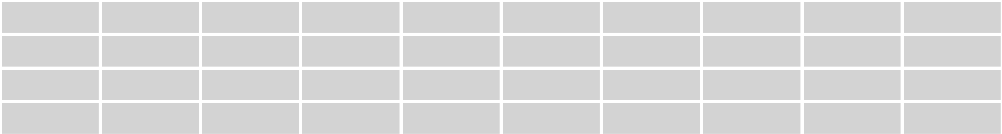
Grand Total

Time [--	Total	Vbin 6 12	Vbin 12 19	Vbin 19 25	Vbin 25 31	Vbin 31 37	Vbin 37 43	Vbin 43 50	Vbin 50 56	Vbin 56 62	Vbin 62 68	Vbin 68 75	Vbin 75 81	Vbin 81 87	Vbin 87 93	Vbin 93 99	Mean	Vpp 85
--	46238	115	192	383	6471	20265	13593	4006	869	240	61	19	16	6	2	0	36.5	42.3



Northbound	Southbound
85%ile s 42.30 mph	85%ile s 36.00 mph
68.06 kph	57.92 kph
68.06 kph	57.92 kph
SSD=vt+v2/2d	SSD=vt+v2/2d
where:	where:
v = speed (m/s)	v = speed (m/s)
t = driver reaction time (s)	t = driver reaction time (s)
d = decelleration (m/s2)	d = decelleration (m/s2)
1kph= 0.2778 m/s	1kph= 0.2778 m/s
v= 18.91	v= 16.09
t= 2	t= 2
d= 3.68	d= 3.68
a= 0	a= 0
vt= 37.81	vt= 32.18
v2= 357.43	v2= 258.89
2(d+0.1; 7.36	2(d+0.1; 7.36
SSD= 86.375 m	SSD= 67.355 m

plus 2.4 88.775 inc bonet length	plus 2.4 69.755 inc bonet length
----------------------------------	----------------------------------



K&M TRAFFIC SURVEYS

DATE : THURSDAY 12TH JUNE 2025

LOCATION : ICKELFORD & HENLOW, HERTS

J1 - BEDFORD ROAD / WESTMILL LANE / TURNPIKE LANE ROUNDABOUT, ICKLEFORD

	A600 BEDFORD RD NORTH LEFT TURN TO TURNPIKE LANE EAST						TOT		A600 BEDFORD RD NORTH STRAIGHT AHEAD TO A600 BEDFORD RD SOUTH						TOT		A600 BEDFORD RD NORTH RIGHT TURN TO WESTMILL LANE WEST						TOT		A600 BEDFORD RD NORTH U TURNS						TOT	
	CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY			
0700-0715	112	1					113		131	4					135		0						0		0					0		
0715-0730	114	2					116		151	5		1			157		1						1		0					0		
0730-0745	124						124		125	2		1			128		0						0		0					0		
0745-0800	108	1					109		119	4	2	1			126		1						1		1					1		
0800-0815	109	2		1			112		120	7	1	2	2		132		0						0		0					0		
0815-0830	91			2			93		98	7	1	1	1		108		2						2		0					0		
0830-0845	101	3		1			105		83	2			1		86		0						0		0					0		
0845-0900	91			4			95		103	5		1			109		1						1		0					0		
0900-0915	53	1					54		108	5	2	1			116		0						0		1					1		
0915-0930	55						55		108	5					113		0						0		0					0		
0930-0945	43	3					46		56	1	1	1			59		0						0		0					0		
0945-1000	32						32		63			2	1	1	67		0						0		0					0		
0700-1000	1033	13	0	8	0		1054		1265	47	9	10	5		1336		5	0	0	0	0	0	5		2	0	0	0	0	0	2	
0700-0800	458	4	0	0	0		462		526	15	2	3	0		546		2	0	0	0	0	0	2		1	0	0	0	0	1		
0715-0815	455	5	0	1	0		461		515	18	3	5	2		543		2	0	0	0	0	2		1	0	0	0	0	1			
0730-0830	432	3	0	3	0		438		462	20	4	5	3		494		3	0	0	0	0	3		1	0	0	0	0	1			
0745-0845	409	6	0	4	0		419		420	20	4	4	4		452		3	0	0	0	0	3		1	0	0	0	0	1			
0800-0900	392	5	0	8	0		405	407	404	21	2	4	4		435	460	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	
0815-0915	336	4	0	7	0		347		392	19	3	3	2		419		3	0	0	0	0	3		1	0	0	0	0	1			
0830-0930	300	4	0	5	0		309		402	17	2	2	1		424		1	0	0	0	0	1		1	0	0	0	0	1			
0845-0945	242	4	0	4	0		250		375	16	3	3	0		397		1	0	0	0	0	1		1	0	0	0	0	1			
0900-1000	183	4	0	0	0		187		335	11	5	3	1		355		0	0	0	0	0	0		1	0	0	0	0	1			

K&M TRAFFIC SURVEYS

DATE : THURSDAY 12TH JUNE 2025

LOCATION : ICKELFORD & HENLOW, HERTS

J1 - BEDFORD ROAD / WESTMILL LANE / TURNPIKE LANE ROUNDABOUT, ICKLEFORD

	A600 BEDFORD RD NORTH LEFT TURN TO TURNPIKE LANE EAST						TOT		A600 BEDFORD RD NORTH STRAIGHT AHEAD TO A600 BEDFORD RD SOUTH						TOT		A600 BEDFORD RD NORTH RIGHT TURN TO WESTMILL LANE WEST						TOT		A600 BEDFORD RD NORTH U TURNS						TOT	
	CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY				CAR	HGV	BUS	MCY	PCY			
1600-1615	62	1					63		103	1		1			105		0						0		0						0	
1615-1630	44	1					45		64	3		1	1		69		2						2		0						0	
1630-1645	71						71		98	1		1			100		1						1		0						0	
1645-1700	40						40		71	4	3				78		2						2		0						0	
1700-1715	72	1	1				74		101			1			102		0						0		0						0	
1715-1730	63						63		104	2	1	1			108		1						1		0						0	
1730-1745	57						57		129						129		0						0		0						0	
1745-1800	62				3		65		76	2					78		0						0		1						1	
1800-1815	54						55		111		2	1			114		0						0		0						0	
1815-1830	48				1		49		77	1			1		79		1						1		0						0	
1830-1845	45						45		84	1	1	1	2		89		0						0		0						0	
1845-1900	37				1		38		83			2			85		1						1		0						1	
1600-1900	655	3	1	6	0		665		1101	13	9	9	4		1136		8	0	0	0	0	0	8		1	0	0	0	0	0	1	
1600-1700	217	2	0	0	0	0	219		336	9	3	3	1		352		5	0	0	0	0	0	5		0	0	0	0	0	0	0	
1615-1715	227	2	1	0	0	0	230		334	8	3	3	1		349		5	0	0	0	0	0	5		0	0	0	0	0	0	0	
1630-1730	246	1	1	0	0	0	248		374	7	4	3	0		388		4	0	0	0	0	4		0	0	0	0	0	0	0	0	
1645-1745	232	1	1	0	0	0	234		405	6	4	2	0		417		3	0	0	0	0	3		0	0	0	0	0	0	0	0	
1700-1800	254	1	1	3	0		259	260	410	2	3	2	0		417	421	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	
1715-1815	236	0	0	4	0		240		420	2	5	2	0		429		1	0	0	0	0	1		1	0	0	0	0	0	1		
1730-1830	221	0	0	5	0		226		393	1	4	1			400		1	0	0	0	0	1		1	0	0	0	0	0	1		
1745-1845	209	0	0	5	0		214		348	2	5	2	3		360		1	0	0	0	0	1		1	0	0	0	0	0	1		
1800-1900	184	0	0	3	0		187		355	2	3	4	3		367		2	0	0	0	0	2		0	0	0	0	0	0	0	0	

K&M TRAFFIC SURVEYS

DATE : THURSDAY 12TH JUNE 2025

LOCATION : ICKELFORD & HENLOW, HERTS

J1 - BEDFORD ROAD / WESTMILL LANE / TURNPIKE LANE ROUNDABOUT, ICKLEFORD

	TURNPIKE LANE EAST LEFT TURN TO A600 BEDFORD RD SOUTH								TURNPIKE LANE EAST STRAIGHT AHEAD TO WESTMILL LANE WEST								TURNPIKE LANE EAST RIGHT TURN TO A600 BEDFORD RD NORTH								TURNPIKE LANE U TURNS					
	CAR	HGV	BUS	MCY	PCY	TOT	CAR		HGV	BUS	MCY	PCY	TOT	CAR	HGV		BUS	MCY	PCY	TOT	CAR	HGV	BUS		MCY					
0700-0715	17						17		0					0		19							19		0					0
0715-0730	23						23		0					0		22							22		0					0
0730-0745	23						23		3					3		25	1						26		0					0
0745-0800	26	1					27		3					3		29							29		0					0
0800-0815	43	1					44		1					1		27							27		0					0
0815-0830	36	1					37		3					3		19							19		1					1
0830-0845	32	2					34		2					2		23							23		0					0
0845-0900	24	1					25		3					3		29	1	1					31		0					0
0900-0915	20						20		1					1		32	1						33		0					0
0915-0930	32						32		3					3		19	1						20		0					0
0930-0945	27						27		1					1		14		1					15		0					0
0945-1000	19	1					20		1					1		11							11		0					0
0700-1000	322	7	0	0	0	0	329		21	0	0	0	0	0	21	269	4	1	1	0	0	275		1	0	0	0	0		
0700-0800	89	1	0	0	0	0	90		6	0	0	0	0	6		95	1	0	0	0	0	96		0	0	0	0	0		
0715-0815	115	2	0	0	0	0	117		7	0	0	0	0	7		103	1	0	0	0	0	104		0	0	0	0	0		
0730-0830	128	3	0	0	0	0	131		10	0	0	0	0	10		100	1	0	0	0	0	101		1	0	0	0	0		
0745-0845	137	5	0	0	0	0	142		9	0	0	0	0	9		98	0	0	0	0	0	98		1	0	0	0	0		
0800-0900	135	5	0	0	0	0	140	147	9	0	0	0	0	9	9	98	1	1	0	0	0	100	102	1	0	0	0	0		
0815-0915	112	4	0	0	0	0	116		9	0	0	0	0	9		103	2	1	0	0	0	106		1	0	0	0	0		
0830-0930	108	3	0	0	0	0	111		9	0	0	0	0	9		103	3	1	0	0	0	107		0	0	0	0	0		
0845-0945	103	1	0	0	0	0	104		8	0	0	0	0	8		94	3	1	1	0	0	99		0	0	0	0	0		
0900-1000	98	1	0	0	0	0	99		6	0	0	0	0	6		76	2	0	1	0	0	79		0	0	0	0	0		