



Cockley Hill Lane, Kirkheaton

Technical Note

October 2023

Project number 702F

Paragon Highways
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Quality Management

	First Issue	Revision 1	Revision 2	Revision 3
Remarks	Final report			
Date	October 2023			
Prepared by	LJO			
Checked by	AH			

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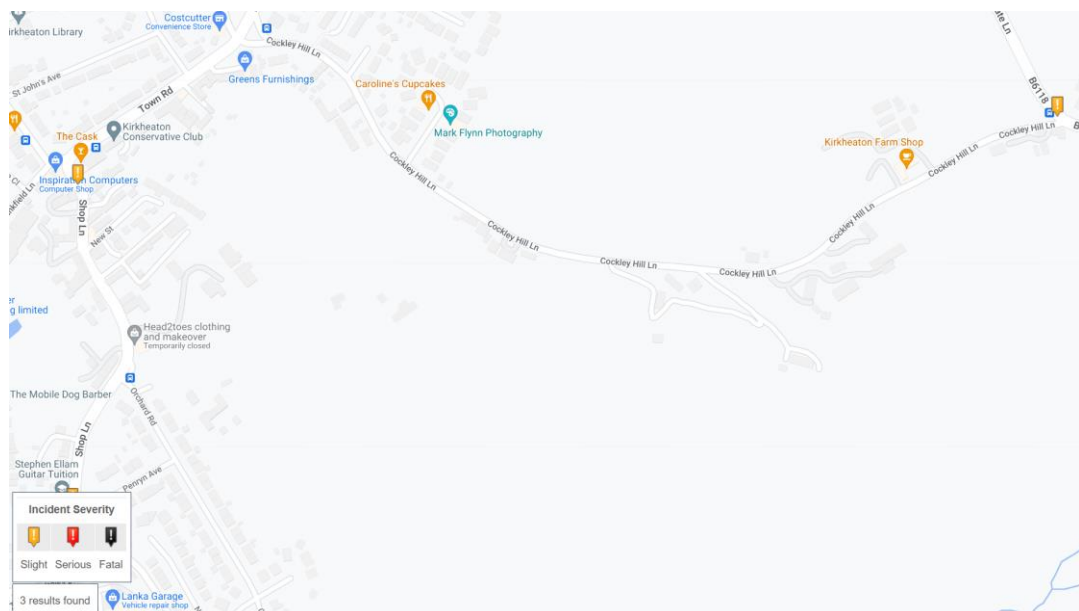
Appendix A	Proposed Site Layout
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1.0 Introduction

- 1.1.1 Paragon Highways have been appointed to prepare this Technical Note to provide highway information associated with a new residential development located off Cockley Hill Lane, Kirkheaton.
- 1.1.2 The proposals comprise of a new development of 84 dwellings containing a mix of terrace, semi-detached and detached properties ranging from 2 bedroom to 4 bedroom properties. The proposals include a new residential access road from Cockley Hill Lane, which will take the form of a traditional estate road with a shared surface street branching off the main access road to the south. The site layout can be found at Appendix A.
- 1.1.3 The site obtained outline planning approval during April 2018 (planning application 2014/91831) and the latest planning application is for the approval of reserved matters for the formation of the access, public space and associated infrastructure (planning application 2021/91506).
- 1.1.4 Following discussions with the Council's Highways Officer this Technical Note provides information on the proposed development and provides an update from the original Transport Statement from 2014 and the updated Transport Statement from 2021 in terms of collision study and Traffic Impact. This Technical Note confirms that the proposals should be acceptable for planning approval purposes.

2.0 Road Traffic Accidents

- 2.1.1 Road traffic accident data has been collected from CrashMap website (crashmap.co.uk), which uses the official collision data published by the Department of Transport based on police reports (recorded using STATS19 accident reporting). The collision data is verified to end of 2021.
- 2.1.2 The study area includes the full length of Cockley Hill Lane and Town Road to the junction with Shop Lane to the west. To the east the study area includes the junction with Highgate Lane and Bellstring Lane. The study period includes the 5 year period up to December 2021. The study area is shown below, and the accident information can be found at Appendix B.



Cockley Hill Lane Search Area – Crashmap.co.uk

- 2.1.3 During the study period there have been 2 reported injury accidents, one occurring in 2017 and the other during 2019 and both were classified as slight.
- 2.1.4 The first incident occurred at the Cockley Hill Lane/ Bellstring Lane/ Highgate Lane junction in May 2017. The weather was fine with dry road surface conditions during the hours of darkness and involved a car and an HGV. The car was in the act of turning left at the junction and collided with the front of an oncoming HGV.

- 2.1.5 The second incident occurred at the Shop Lane/ Town Road junction in October 2019. The weather was fine with dry road surface conditions during daylight hours and involved two cars. The collision data confirms both vehicles were driving normally along the carriageway with no points of impact on the vehicles.
- 2.1.6 There are no clusters of accidents along Cockley Hill Lane or its junctions with the wider network including Town Road and Bellstring Lane/ Highgate Lane, and no collisions in the vicinity of the proposed site access. Although there were two collisions within the study period, it would appear that these are disparate events, that occurred at varying times of the day, lighting conditions and locations.
- 2.1.7 The relatively good injury accident record within the vicinity of the site does not indicate a road safety problem or any trends of any significance that would warrant treatment or be a cause for concern as a result of the slight change in peak hour flows as a result of the development proposals.

3.0 Development Proposals

3.1.1 Proposed Development

3.1.2 The proposed development comprises of 84 new dwellings including a mix of terrace, semi-detached and detached properties. The dwellings will contain between 2 and 4 bedrooms. The site layout plan can be found at Appendix A.

3.1.3 The internal road layout, drainage, street lighting and highway construction will be provided in general accordance with Kirklees Council's current Highway Design Guide.

3.1.4 Secure cycle storage facilities will be provided within the site, the actual type of provision is to be agreed with the LPA.

3.1.5 Access

3.1.6 The site will be accessed via a new priority junction off Cockley Hill Lane located to the west of the Cockley Hill Meadows cul-de-sac opposite the site.

3.1.7 The site will be accessed off Cockley Hill Lane in the form of a simple priority junction with 2.4m x tangential visibility splays in both directions due to the site's location on the outside of a sweeping bend. This will equate to a minimum of 2.4m x 48.5m to the northwest and 2.4m x 46.6m to the southeast for emerging drivers.

3.1.8 Once into the site the majority of the internal road network takes the form of a traditional estate road with footways on both sides. The internal road network also includes a shared surface street arrangement.

3.1.9 Parking Provision

3.1.10 The development proposes suitable parking provision generally in accordance with the Council's suggested parking requirements within the Highway Design Guide. Suitable visitor parking is also provided considering that the majority of the internal road network takes the form of a traditional estate road.

4.0 Traffic Impact

- 4.1.1 The proposals are for 84 new dwellings all served from the proposed site access off Cockley Hill Lane. To determine the anticipated traffic generation from the new development, it has been necessary to interrogate data from the national TRICS database.
- 4.1.2 The TRICS output contains the 85th percentile trip rates for suburban and neighbourhood centre areas and is considered to be robust. The table below shows the typical peak hour trip rates and generations (morning peak 8am to 9am, and evening peak 5pm to 6pm). The TRICS output can be found at Appendix C.

	Morning Peak			Evening Peak		
	ARRIVE	DEPART	TOTAL	ARRIVE	DEPART	TOTAL
Trip Rate	0.157	0.588	0.745	0.380	0.274	0.654
Generated Trips	13	49	62	32	23	55

Table 1 – Predicted Development Trip Rates & Generations

- 4.1.3 As can be seen from the table above, the proposed development would generate between 55 and 62 trips during the network peak hours. It should be noted that given the sites sustainable merits, with good quality bus services and local shops and services available within walking distance the actual trip rate should be lower than the 85th percentile rates provided above.
- 4.1.4 During August 2015 a Technical Note was produced to consider the cumulative impact of developments within Dalton and Kirkheaton as part of the outline application (2014/92535). The Technical Note provided distribution information based on 2011 Census information. This origin/ destination information is considered relevant as the 2021 Census does not update this data. The distribution information predicted that from the Cockley Hill Lane site 91.12% would travel northwest from the site with 18.34% travelling to Heaton Moor Road, 24.83% travelling along Moorside Road, 47% would travel along Town Road and Shop Lane. The distribution identified that 8.87% would travel southeast from the site towards Liley Lane.

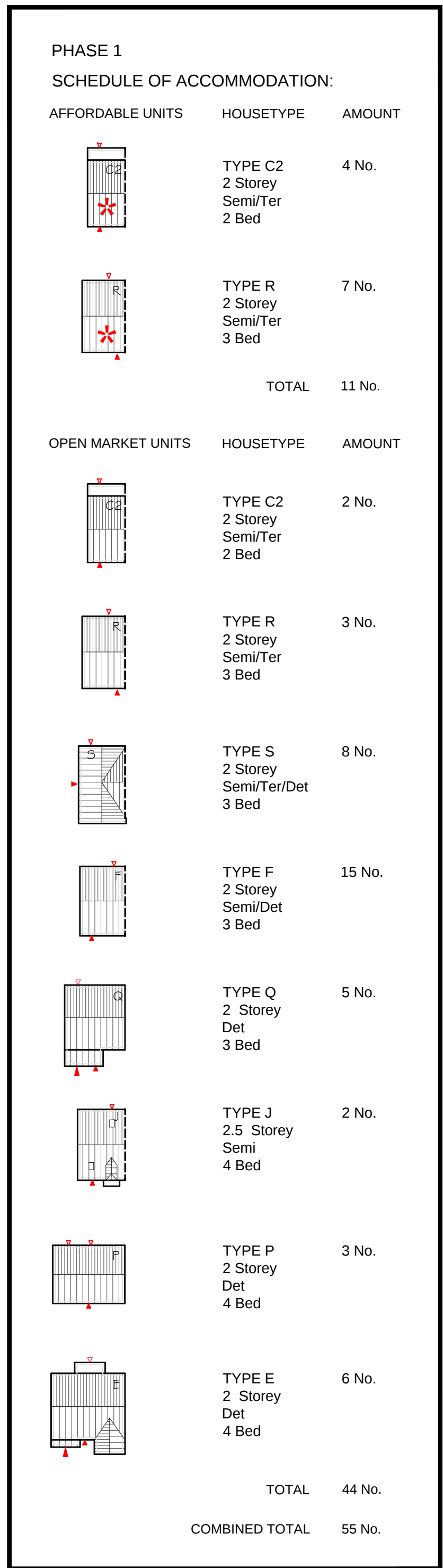
- 4.1.5 Using the distribution information during the network peak hours the development would generate up to 56 traffic movements to the northwest of the site and 6 traffic movements to the southeast. The number of trips using the Cockley Hill Lane/ Town Road junction (not including the segregated section that links to Heaton Moor Road) would equate to 45 trips. The impact on junctions on the wider network is not considered to be significant and should not require junction performance assessment given the observed baseline conditions at these junctions.
- 4.1.6 It is considered that the anticipated increase in the level of traffic generated by the proposed development would not be discernible from the daily fluctuations in flows that could be expected on the highway network. Therefore, the level of traffic can be easily accommodated and will have no material impact on the safe operation of the local highway and will not significantly add to any congestion at the peak times on the local network.

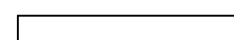
5.0 Conclusion

- 5.1.1 This Technical Note provides an update to the previous Transport Statements and considers the latest proposals for 84 new dwellings on land off Cockley Hill Lane. This report provides updated information on the road safety record, development proposals and traffic impact.
- 5.1.2 It is considered that the anticipated increase in the level of traffic generated by the proposed development would not be discernible from the daily fluctuations in flows that could be expected on the highway network. Therefore, the level of traffic can be easily accommodated and will have no material impact on the safe operation of the local highway and will not significantly add to any congestion at the peak times on the local network.
- 5.1.3 It is therefore concluded that the development is considered acceptable and there are no highways safety or efficiency reasons why planning consent for the proposed development should not be granted.

Appendix A

Proposed Site Layout



	1800mm BRICK WALL
	1800mm BRICK WALL & FENCE
	1800mm TIMBER FENCE
	600mm KNEE HIGH RAIL
	900mm METAL RAILINGS
	REAR GARDEN WALL WITH STEPS
	RETAINING WALLS (LOCATIONS AND DESIGN TO BE CONFIRMED BY CONSULTING ENGINEER)
	ELECTRIC VEHICLE CHARGING POINT
	LOCKABLE REAR ACCESS GATE
	BIN COLLECTION POINTS
	REAR GARDEN CYCLE STORE
	AFFORDABLE DENOTATION
	GRASSED AREAS (FRONT GARDEN)
	GRASSED AREAS (REAR GARDEN)
	BLOCK PAVING
	EXISTING TREES RETAINED
	EXISTING TREES REMOVED
	DRAINAGE EASEMENT
	EXISTING PUBLIC RIGHT OF WAY KIR/8/40
	SITE BOUNDARY

H/24.10.23	FORWARD VISIBILITY PLAYS UPDATED AND ADDITIONAL VISITOR PARKING BAYS ADDED AS PER HIGHWAY OFFICER COMMENTS	SD	LM
H/15.09.23	LANDSCAPE UPDATED	LB	LM
H/17.07.23	SITE LAYOUT UPDATED TO INCLUDE TRACKING AND FORWARD VISIBILITY PLAY, HIGHWAY ADJUNCT PLANT AND LANDSCAPE. INCORPORATE FORWARD VISIBILITY PLAY.	SD	LM
G/22.06.23	PLAY AREA INFORMATION ADDED TO LANDSCAPE PLAN	SD	LM
H/12.04.23	EXISTING TREES IDENTIFIED AND REMOVAL OF EXISTING TREES	THIS	LM
E/19.02.23	PLANT A33-A43, A48 AND B13-23 REAR GARDENS SHOW PLANT PALETTE IN LAND TERRACED WITH HEDGES, OVERSEED REAR PARKING, LANDSCAPE	THIS	LM
D/19.10.23	LANDSCAPE PLAN WITH COMMENTS	JPM	LM
H/03.11.22	PARKING ARRANGEMENT AMENDED PLOTS 18-19 AND 20-21 AS PER HIGHWAY OFFICER COMMENTS	SD	LM
B/09.09.22	SITE LAYOUT UPDATED IN LINE WITH PLANNING APPLICATION COMMENTS	SD	LM

Rev	Date	Description	Drawn	Checked
 Architecture Planning Urban Design Landscape				

CLIENT: HARTLEY PROPERTIES

DRAWING NUMBER: P19:5336:01 J

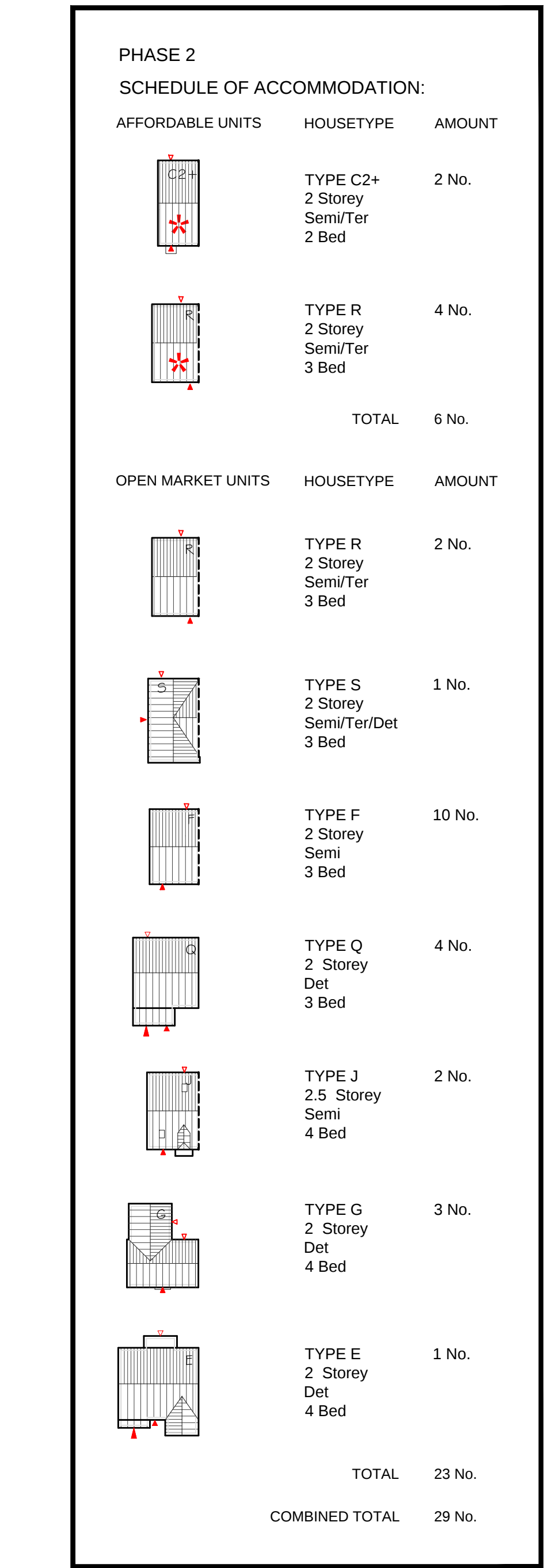
PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT @ COCKLEYVILLE LANE, KIRKBRISTON

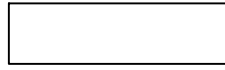
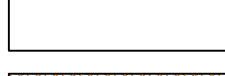
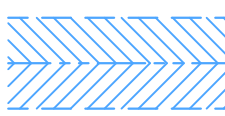
SCALE @ A0: 1:500

DRAWING: PROPOSED SITE LAYOUT **DRAWN:** SD **DATE:** FEB 21

CHECKED: LM DATE: FEB 21

JRP Associates
14 Mariner Court,
Calder Park, Wakefield, WF4 3FL



SITE LAYOUT KEY:	
	1800mm BRICK WALL
	1800mm BRICK WALL & FENCE
	1800mm TIMBER FENCE
	600mm KNEE HIGH RAIL
	900mm METAL RAILINGS
	REAR GARDEN WALL WITH STEPS
	RETAINING WALLS (LOCATIONS AND DESIGN TO BE CONFIRMED BY CONSULTING ENGINEER)
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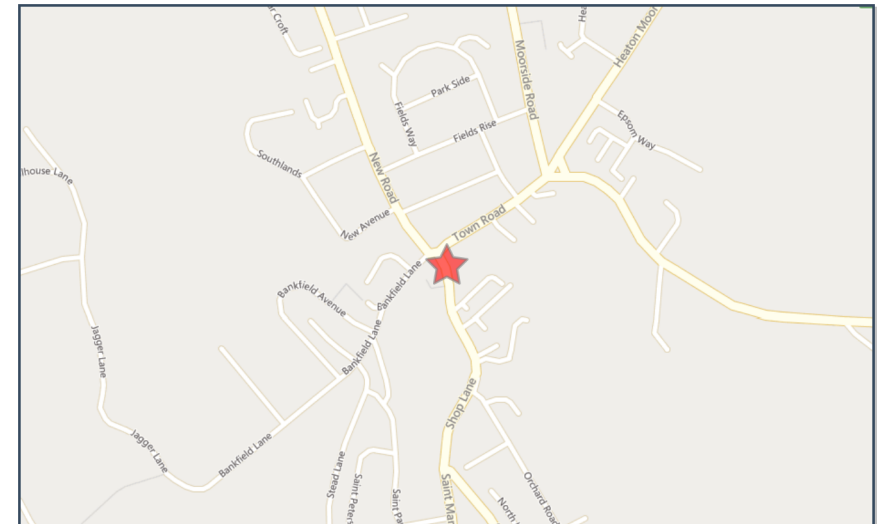
JRP Associates
14 Mariner Court,
Calder Park, Wakefield, WF4 3FL

Appendix B

Road Traffic Accidents



Crash Date:	Tuesday, October 15, 2019	Time of Crash:	5:50:00 PM	Crash Reference:	2019136AF1374
Highest Injury Severity:	Slight	Road Number:	U0	Number of Casualties:	2
Highway Authority:	Kirklees			Number of Vehicles:	2
Local Authority:	Kirklees			OS Grid Reference:	418055 418018
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	T or staggered junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Give way or uncontrolled				



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Validated Data

Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Manoeuvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	0	Male	16 - 20	Vehicle proceeding normally along the carriageway, not on a bend	Did not impact	Unknown	None	None
2	Car (excluding private hire)	13	Female	21 - 25	Vehicle proceeding normally along the carriageway, not on a bend	Did not impact	Unknown	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
2	1	Slight	Driver or rider	Female	21 - 25	Unknown or other	Unknown or other
2	2	Slight	Vehicle or pillion passenger	Female	0 - 5	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq

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crashmap.co.uk

Validated Data

Crash Date: Wednesday, May 31, 2017 **Time of Crash:** 7:20:00 AM **Crash Reference:** 20171345V0278

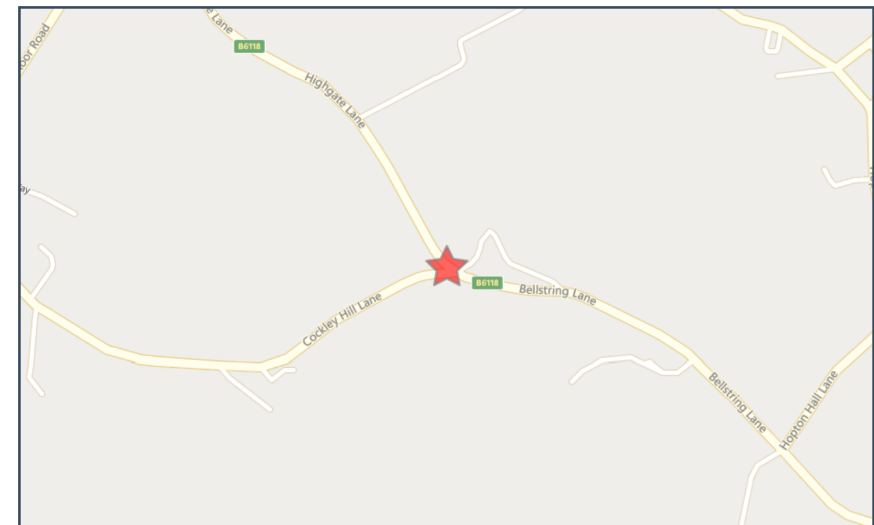
Highest Injury Severity: Slight
Highway Authority: Kirklees
Local Authority: Kirklees
Weather Description: Fine without high winds
Road Surface Description: Dry
Speed Limit: 30
Light Conditions: Darkness: street lighting unknown
Carriageway Hazards: None
Junction Detail: T or staggered junction
Junction Pedestrian Crossing: No physical crossing facility within 50 metres
Road Type: Single carriageway
Junction Control: Give way or uncontrolled

Road Number: B6118

Number of Casualties: 1

Number of Vehicles: 2

OS Grid Reference: 419027 418089



For more information about the data please visit: www.crashmap.co.uk/home/Faq

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Validated Data

Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Manoeuvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	13	Male	21 - 25	Vehicle is in the act of turning left	Offside	Unknown	None	None
2	Goods vehicle 7.5 tonnes mgw and over	5	Male	36 - 45	Vehicle proceeding normally along the carriageway, not on a bend	Front	Journey as part of work	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	21 - 25	Unknown or other	Unknown or other

For more information about the data please visit: www.crashmap.co.uk/home/Faq

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Appendix C

TRICS Output

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HC HAMPSHIRE	1 days
	KC KENT	2 days
	MW MEDWAY	1 days
	SC SURREY	2 days
	WS WEST SUSSEX	2 days
03	SOUTH WEST	
	DV DEVON	2 days
	GS GLOUCESTERSHIRE	1 days
	SD SWINDON	1 days
	SM SOMERSET	2 days
	TB TORBAY	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	NF NORFOLK	3 days
	PB PETERBOROUGH	1 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	NM WEST NORTHAMPTONSHIRE	1 days
	NN NORTH NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WK WARWICKSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	BY BARNSLEY	1 days
	LS LEEDS	1 days
	NY NORTH YORKSHIRE	1 days
	SE SHEFFIELD	1 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	3 days
	GM GREATER MANCHESTER	1 days
09	NORTH	
	DH DURHAM	2 days
	TW TYNE & WEAR	1 days

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

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

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: No of Dwellings
Actual Range: 8 to 179 (units:)
Range Selected by User: 6 to 200 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

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

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

Selected survey days:

Monday	5 days
Tuesday	9 days
Wednesday	10 days
Thursday	10 days
Friday	7 days

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

Selected survey types:

Manual count	40 days
Directional ATC Count	1 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	13
Neighbourhood Centre (PPS6 Local Centre)	28

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	17
Village	24

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	12 days - Selected
Servicing vehicles Excluded	44 days - Selected

Secondary Filtering selection:

Use Class:

C3	41 days
----	---------

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

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,000 or Less	2 days
1,001 to 5,000	16 days
5,001 to 10,000	11 days
10,001 to 15,000	3 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	5 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	4 days
25,001 to 50,000	8 days
50,001 to 75,000	6 days
75,001 to 100,000	5 days
100,001 to 125,000	2 days
125,001 to 250,000	11 days
250,001 to 500,000	3 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	12 days
1.1 to 1.5	24 days
1.6 to 2.0	5 days

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

Travel Plan:

Yes	12 days
No	29 days

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

PTAL Rating:

No PTAL Present	41 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	AC-03-A-04 LONDON ROAD NORTHWICH LEFTWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 24 Survey date: THURSDAY 06/06/19	TOWN HOUSES	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
2	AC-03-A-05 MEADOW DRIVE NORTHWICH BARNTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 40 Survey date: FRIDAY 30/04/21	SEMI-DETACHED & TERRACED	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
3	AC-03-A-06 COMMON LANE NEAR CHESTER WAVERTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 99 Survey date: FRIDAY 29/04/22	DETACHED HOUSES	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
4	BY-03-A-01 CHURCH LANE NEAR BARNESLEY WORSBROUGH Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 19 Survey date: WEDNESDAY 09/09/20	BUNGALOWS & DETACHED	BARNESLEY	Survey Type: MANUAL
5	CA-03-A-07 FIELD END NEAR ELY WITCHFORD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 32 Survey date: THURSDAY 27/05/21	MIXED HOUSES	CAMBRIDGESHIRE	Survey Type: MANUAL
6	CA-03-A-08 GIDDING ROAD SAWTRY Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 83 Survey date: THURSDAY 13/10/22	DETACHED & SEMI-DETACHED	CAMBRIDGESHIRE	Survey Type: MANUAL
7	DH-03-A-01 GREENFIELDS ROAD BISHOP AUCKLAND Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 50 Survey date: TUESDAY 28/03/17	SEMI DETACHED	DURHAM	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	DH-03-A-02 LEAZES LANE BISHOP AUCKLAND ST HELEN AUCKLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 125 Survey date: MONDAY 27/03/17	MIXED HOUSES 27/03/17	DURHAM	Survey Type: MANUAL
9	DV-03-A-02 MILLHEAD ROAD HONITON Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 116 Survey date: FRIDAY 25/09/15	HOUSES & BUNGALOWS 25/09/15	DEVON	Survey Type: MANUAL
10	DV-03-A-03 LOWER BRAND LANE HONITON Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 70 Survey date: MONDAY 28/09/15	TERRACED & SEMI DETACHED 28/09/15	DEVON	Survey Type: MANUAL
11	ES-03-A-06 BISHOPS LANE RINGMER Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 12 Survey date: WEDNESDAY 16/06/21	MIXED HOUSES 16/06/21	EAST SUSSEX	Survey Type: MANUAL
12	GM-03-A-11 RUSHFORD STREET MANCHESTER LEVENSHULME Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 37 Survey date: MONDAY 26/09/16	TERRACED & SEMI-DETACHED 26/09/16	GREATER MANCHESTER	Survey Type: MANUAL
13	GS-03-A-02 OAKRIDGE NEAR GLOUCESTER HIGHNAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 40 Survey date: FRIDAY 23/04/21	DETACHED HOUSES 23/04/21	GLOUCESTERSHIRE	Survey Type: MANUAL
14	HC-03-A-23 CANADA WAY LIPHOOK Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 62 Survey date: TUESDAY 19/11/19	HOUSES & FLATS 19/11/19	HAMPSHIRE	Survey Type: MANUAL

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

LIST OF SITES relevant to selection parameters (Cont.)

15	KC-03-A-03 HYTHE ROAD ASHFORD WILLESBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 51 Survey date: THURSDAY 14/07/16	MIXED HOUSES & FLATS	KENT	Survey Type: MANUAL
16	KC-03-A-08 MAIDSTONE ROAD CHARING Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 159 Survey date: TUESDAY 22/05/18	MIXED HOUSES	KENT	Survey Type: MANUAL
17	LE-03-A-02 MELBOURNE ROAD IBSTOCK Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 85 Survey date: THURSDAY 28/06/18	DETACHED & OTHERS	LEICESTERSHIRE	Survey Type: MANUAL
18	LS-03-A-01 SPRING VALLEY CRESCENT LEEDS BRAMLEY Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 46 Survey date: WEDNESDAY 21/09/16	MIXED HOUSING	LEEDS	Survey Type: MANUAL
19	MW-03-A-01 ROCHESTER ROAD NEAR CHATHAM BURHAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 8 Survey date: FRIDAY 22/09/17	DETACHED & SEMI-DETACHED	MEDWAY	Survey Type: MANUAL
20	NF-03-A-27 YARMOUTH ROAD NEAR NORWICH BLOFIELD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 93 Survey date: THURSDAY 16/09/21	MIXED HOUSES & FLATS	NORFOLK	Survey Type: MANUAL
21	NF-03-A-44 MILL LANE NEAR NORWICH HORSFORD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 125 Survey date: WEDNESDAY 21/09/22	MIXED HOUSES	NORFOLK	Survey Type: DIRECTIONAL ATC COUNT

LIST OF SITES relevant to selection parameters (Cont.)

22	NF-03-A-51	SEMI-DETACHED	NORFOLK
	CITY ROAD		
	NORWICH		
	LAKENHAM		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	34	
	Survey date: TUESDAY	13/09/22	Survey Type: MANUAL
23	NM-03-A-02	DETACHED & SEMI-DETACHED	WEST NORTHAMPTONSHIRE
	HARLESTONE ROAD		
	NEAR NORTHAMPTON		
	CHAPEL BRAMPTON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	47	
	Survey date: TUESDAY	20/10/20	Survey Type: MANUAL
24	NN-03-A-01	MIXED HOUSES & FLATS	NORTH NORTHAMPTONSHIRE
	MAIN STREET		
	NEAR WELLINGBOROUGH		
	LITTLE HARROWDEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	44	
	Survey date: TUESDAY	20/10/20	Survey Type: MANUAL
25	NY-03-A-13	TERRACED HOUSES	NORTH YORKSHIRE
	CATTERICK ROAD		
	CATTERICK GARRISON		
	OLD HOSPITAL COMPOUND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	10	
	Survey date: WEDNESDAY	10/05/17	Survey Type: MANUAL
26	PB-03-A-04	DETACHED HOUSES	PETERBOROUGH
	EASTFIELD ROAD		
	PETERBOROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	28	
	Survey date: MONDAY	17/10/16	Survey Type: MANUAL
27	SC-03-A-09	MIXED HOUSES & FLATS	SURREY
	AMLETS LANE		
	CRANLEIGH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	136	
	Survey date: TUESDAY	24/05/22	Survey Type: MANUAL
28	SC-03-A-10	MIXED HOUSES	SURREY
	GUILDFORD ROAD		
	ASH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	32	
	Survey date: WEDNESDAY	14/09/22	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

29	SD-03-A-01 HEADLANDS GROVE SWINDON	SEMI DETACHED	SWINDON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 27 Survey date: THURSDAY 22/09/16 Survey Type: MANUAL		
30	SE-03-A-01 MANOR ROAD NEAR SHEFFIELD WALES	DETACHED & BUNGALOWS	SHEFFIELD
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 25 Survey date: THURSDAY 10/09/20 Survey Type: MANUAL		
31	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI-DETACHED	SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 38 Survey date: FRIDAY 22/09/17 Survey Type: MANUAL		
32	SF-03-A-08 STANNINGFIELD ROAD NEAR BURY ST EDMUNDS GREAT WHELNETHAM	MIXED HOUSES	SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 34 Survey date: WEDNESDAY 16/09/20 Survey Type: MANUAL		
33	SF-03-A-09 FOXHALL ROAD IPSWICH	MIXED HOUSES & FLATS	SUFFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 179 Survey date: THURSDAY 24/06/21 Survey Type: MANUAL		
34	SM-03-A-02 HYDE LANE NEAR TAUNTON CREECH SAINT MICHAEL	MIXED HOUSES	SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 42 Survey date: TUESDAY 25/09/18 Survey Type: MANUAL		
35	SM-03-A-03 HYDE LANE NEAR TAUNTON CREECH ST MICHAEL	MIXED HOUSES	SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 41 Survey date: TUESDAY 25/09/18 Survey Type: MANUAL		
36	TB-03-A-01 BRONSHILL ROAD TORQUAY	TERRACED HOUSES	TORBAY
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 37 Survey date: WEDNESDAY 30/09/15 Survey Type: MANUAL		

LIST OF SITES relevant to selection parameters (Cont.)

37	TW-03-A-03	MIXED HOUSES	TYNE & WEAR
	STATION ROAD		
	NEAR NEWCASTLE		
	BACKWORTH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	33	
	Survey date: FRIDAY	13/11/15	Survey Type: MANUAL
38	WK-03-A-03	DETACHED HOUSES	WARWICKSHIRE
	BRESE AVENUE		
	WARWICK		
	GUY'S CLIFFE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	23	
	Survey date: WEDNESDAY	25/09/19	Survey Type: MANUAL
39	WM-03-A-04	TERRACED HOUSES	WEST MIDLANDS
	OSBORNE ROAD		
	COVENTRY		
	EARLSDON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total No of Dwellings:	39	
	Survey date: MONDAY	21/11/16	Survey Type: MANUAL
40	WS-03-A-07	BUNGALOWS	WEST SUSSEX
	EMMS LANE		
	NEAR HORSHAM		
	BROOKS GREEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	57	
	Survey date: THURSDAY	19/10/17	Survey Type: MANUAL
41	WS-03-A-16	DETACHED & SEMI-DETACHED	WEST SUSSEX
	BRACKLESHAM LANE		
	BRACKLESHAM BAY		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	58	
	Survey date: WEDNESDAY	09/11/22	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
TOTAL VEHICLES

Ranking Type: TOTALS

Time Range: 08:00-09:00

CALCULATION FACTOR 1 DWELLS

15th Percentile = No. 35 NN-03-A-01 Tot: 0.273

85th Percentile = No. 7 KC-03-A-03 Tot: 0.745

Median Values

Arrivals: 0.123

Departures: 0.324

Totals: 0.447

Mean Values

Arrivals: 0.146

Departures: 0.329

Totals: 0.475

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Totals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	SD-03-A-01	SEMI DETACHED	SWINDON	SWINDON	27	Thu	22/09/16	0.444	0.481	0.925	4.52
2	ES-03-A-06	MIXED HOUSES	RINGMER	EAST SUSSEX	12	Wed	16/06/21	0.333	0.583	0.916	3.25
3	NY-03-A-13	TERRACED HOUSE	CATTERICK GARRISON	NORTH YORKSHIRE	10	Wed	10/05/17	0.200	0.700	0.900	1.90
4	AC-03-A-04	TOWN HOUSES	NORTHWICH	CHESHIRE WEST & CHE	24	Thu	06/06/19	0.292	0.542	0.834	1.96
5	SM-03-A-02	MIXED HOUSES	NEAR TAUNTON	SOMERSET	42	Tue	25/09/18	0.286	0.500	0.786	3.38
6	TW-03-A-03	MIXED HOUSES	NEAR NEWCASTLE	TYNE & WEAR	33	Fri	13/11/15	0.212	0.545	0.757	4.00
7	KC-03-A-03	MIXED HOUSES &	ASHFORD	KENT	51	Thu	14/07/16	0.157	0.588	0.745	2.16
8	SE-03-A-01	DETACHED & BUN	NEAR SHEFFIELD	SHEFFIELD	25	Thu	10/09/20	0.200	0.480	0.680	4.08
9	PB-03-A-04	DETACHED HOUSE	PETERBOROUGH	PETERBOROUGH	28	Mon	17/10/16	0.143	0.536	0.679	3.50
10	TB-03-A-01	TERRACED HOUSE	TORQUAY	TORBAY	37	Wed	30/09/15	0.162	0.459	0.621	2.78
11	DV-03-A-03	TERRACED & SEM	HONITON	DEVON	70	Mon	28/09/15	0.086	0.529	0.615	1.66
12	HC-03-A-23	HOUSES & FLATS	LIPHOOK	HAMPSHIRE	62	Tue	19/11/19	0.113	0.500	0.613	2.19
13	AC-03-A-05	SEMI-DETACHED	NORTHWICH	CHESHIRE WEST & CHE	40	Fri	30/04/21	0.125	0.475	0.600	1.85
14	SC-03-A-09	MIXED HOUSES &	CRANLEIGH	SURREY	136	Tue	24/05/22	0.162	0.419	0.581	2.64
15	LE-03-A-02	DETACHED & OTH	IBSTOCK	LEICESTERSHIRE	85	Thu	28/06/18	0.212	0.353	0.565	4.27
16	SM-03-A-03	MIXED HOUSES	NEAR TAUNTON	SOMERSET	41	Tue	25/09/18	0.171	0.390	0.561	2.88
17	AC-03-A-06	DETACHED HOUSE	NEAR CHESTER	CHESHIRE WEST & CHE	99	Fri	29/04/22	0.182	0.343	0.525	2.19
18	LS-03-A-01	MIXED HOUSING	LEEDS	LEEDS	46	Wed	21/09/16	0.217	0.283	0.500	1.26
19	CA-03-A-08	DETACHED & SEM	SAWTRY	CAMBRIDGESHIRE	83	Thu	13/10/22	0.169	0.325	0.494	2.25
20	NF-03-A-51	SEMI-DETACHED	NORWICH	NORFOLK	34	Tue	13/09/22	0.147	0.324	0.471	1.79
21	SF-03-A-09	MIXED HOUSES &	IPSWICH	SUFFOLK	179	Thu	24/06/21	0.123	0.324	0.447	2.23
22	SF-03-A-08	MIXED HOUSES	NEAR BURY ST EDMUND	SUFFOLK	34	Wed	16/09/20	0.118	0.294	0.412	2.03
23	NF-03-A-44	MIXED HOUSES	NEAR NORWICH	NORFOLK	125	Wed	21/09/22	0.128	0.280	0.408	2.42
24	WM-03-A-04	TERRACED HOUSE	COVENTRY	WEST MIDLANDS	39	Mon	21/11/16	0.128	0.256	0.384	1.15
25	NF-03-A-27	MIXED HOUSES &	NEAR NORWICH	NORFOLK	93	Thu	16/09/21	0.129	0.247	0.376	2.67
26	CA-03-A-07	MIXED HOUSES	NEAR ELY	CAMBRIDGESHIRE	32	Thu	27/05/21	0.125	0.250	0.375	2.25
27	DV-03-A-02	HOUSES & BUNGA	HONITON	DEVON	116	Fri	25/09/15	0.103	0.241	0.344	2.25
28	NM-03-A-02	DETACHED & SEM	NEAR NORTHAMPTON	WEST NORTHAMPTONSHI	47	Tue	20/10/20	0.191	0.149	0.340	2.85
29	KC-03-A-08	MIXED HOUSES	CHARING	KENT	159	Tue	22/05/18	0.113	0.214	0.327	3.02
30	BY-03-A-01	BUNGALOWS & DE	NEAR BARNSELEY	BARNSELEY	19	Wed	09/09/20	0.105	0.211	0.316	2.00
31	SC-03-A-10	MIXED HOUSES	ASH	SURREY	32	Wed	14/09/22	0.063	0.250	0.312	2.63
32	GS-03-A-02	DETACHED HOUSE	NEAR GLOUCESTER	GLOUCESTERSHIRE	40	Fri	23/04/21	0.125	0.175	0.300	2.65
33	SF-03-A-06	DETACHED & SEM	KENTFORD	SUFFOLK	38	Fri	22/09/17	0.053	0.237	0.290	0.92
34	WS-03-A-07	BUNGALOWS	NEAR HORSHAM	WEST SUSSEX	57	Thu	19/10/17	0.140	0.140	0.280	1.89
35	NN-03-A-01	MIXED HOUSES &	NEAR WELLINGBOROUGH	NORTH NORTHAMPTONSH	44	Tue	20/10/20	0.091	0.182	0.273	1.11
36	WK-03-A-03	DETACHED HOUSE	WARWICK	WARWICKSHIRE	23	Wed	25/09/19	0.087	0.174	0.261	2.74
37	WS-03-A-16	DETACHED & SEM	BRACKLESHAM BAY	WEST SUSSEX	58	Wed	09/11/22	0.052	0.138	0.190	2.28
38	GM-03-A-11	TERRACED & SEM	MANCHESTER	GREATER MANCHESTER	37	Mon	26/09/16	0.054	0.108	0.162	1.08
39	DH-03-A-01	SEMI DETACHED	BISHOP AUCKLAND	DURHAM	50	Tue	28/03/17	0.020	0.140	0.160	1.74
40	DH-03-A-02	MIXED HOUSES	BISHOP AUCKLAND	DURHAM	125	Mon	27/03/17	0.032	0.104	0.136	0.99
41	MW-03-A-01	DETACHED & SEM	NEAR CHATHAM	MEDWAY	8	Fri	22/09/17	0.000	0.000	0.000	2.00

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each individual survey day in the table is also displayed.

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HC HAMPSHIRE	1 days
	KC KENT	2 days
	MW MEDWAY	1 days
	SC SURREY	2 days
	WS WEST SUSSEX	2 days
03	SOUTH WEST	
	DV DEVON	2 days
	GS GLOUCESTERSHIRE	1 days
	SD SWINDON	1 days
	SM SOMERSET	2 days
	TB TORBAY	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	NF NORFOLK	3 days
	PB PETERBOROUGH	1 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	NM WEST NORTHAMPTONSHIRE	1 days
	NN NORTH NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WK WARWICKSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	BY BARNSLEY	1 days
	LS LEEDS	1 days
	NY NORTH YORKSHIRE	1 days
	SE SHEFFIELD	1 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	3 days
	GM GREATER MANCHESTER	1 days
09	NORTH	
	DH DURHAM	2 days
	TW TYNE & WEAR	1 days

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

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

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: No of Dwellings
Actual Range: 8 to 179 (units:)
Range Selected by User: 6 to 200 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

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

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

Selected survey days:

Monday	5 days
Tuesday	9 days
Wednesday	10 days
Thursday	10 days
Friday	7 days

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

Selected survey types:

Manual count	40 days
Directional ATC Count	1 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	13
Neighbourhood Centre (PPS6 Local Centre)	28

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	17
Village	24

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	12 days - Selected
Servicing vehicles Excluded	44 days - Selected

Secondary Filtering selection:**Use Class:**

C3	41 days
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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:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,000 or Less	2 days
1,001 to 5,000	16 days
5,001 to 10,000	11 days
10,001 to 15,000	3 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	5 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	4 days
25,001 to 50,000	8 days
50,001 to 75,000	6 days
75,001 to 100,000	5 days
100,001 to 125,000	2 days
125,001 to 250,000	11 days
250,001 to 500,000	3 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	12 days
1.1 to 1.5	24 days
1.6 to 2.0	5 days

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

Travel Plan:

Yes	12 days
No	29 days

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

PTAL Rating:

No PTAL Present	41 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	AC-03-A-04 LONDON ROAD NORTHWICH LEFTWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 24 Survey date: THURSDAY 06/06/19	TOWN HOUSES	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
2	AC-03-A-05 MEADOW DRIVE NORTHWICH BARNTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 40 Survey date: FRIDAY 30/04/21	SEMI-DETACHED & TERRACED	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
3	AC-03-A-06 COMMON LANE NEAR CHESTER WAVERTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 99 Survey date: FRIDAY 29/04/22	DETACHED HOUSES	CHESHIRE WEST & CHESTER	Survey Type: MANUAL
4	BY-03-A-01 CHURCH LANE NEAR BARNESLEY WORSBROUGH Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 19 Survey date: WEDNESDAY 09/09/20	BUNGALOWS & DETACHED	BARNESLEY	Survey Type: MANUAL
5	CA-03-A-07 FIELD END NEAR ELY WITCHFORD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 32 Survey date: THURSDAY 27/05/21	MIXED HOUSES	CAMBRIDGESHIRE	Survey Type: MANUAL
6	CA-03-A-08 GIDDING ROAD SAWTRY Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 83 Survey date: THURSDAY 13/10/22	DETACHED & SEMI-DETACHED	CAMBRIDGESHIRE	Survey Type: MANUAL
7	DH-03-A-01 GREENFIELDS ROAD BISHOP AUCKLAND Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 50 Survey date: TUESDAY 28/03/17	SEMI DETACHED	DURHAM	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	DH-03-A-02 LEAZES LANE BISHOP AUCKLAND ST HELEN AUCKLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 125 Survey date: MONDAY 27/03/17	MIXED HOUSES 27/03/17	DURHAM	Survey Type: MANUAL
9	DV-03-A-02 MILLHEAD ROAD HONITON Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 116 Survey date: FRIDAY 25/09/15	HOUSES & BUNGALOWS 25/09/15	DEVON	Survey Type: MANUAL
10	DV-03-A-03 LOWER BRAND LANE HONITON Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 70 Survey date: MONDAY 28/09/15	TERRACED & SEMI DETACHED 28/09/15	DEVON	Survey Type: MANUAL
11	ES-03-A-06 BISHOPS LANE RINGMER Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 12 Survey date: WEDNESDAY 16/06/21	MIXED HOUSES 16/06/21	EAST SUSSEX	Survey Type: MANUAL
12	GM-03-A-11 RUSHFORD STREET MANCHESTER LEVENSHULME Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 37 Survey date: MONDAY 26/09/16	TERRACED & SEMI-DETACHED 26/09/16	GREATER MANCHESTER	Survey Type: MANUAL
13	GS-03-A-02 OAKRIDGE NEAR GLOUCESTER HIGHNAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 40 Survey date: FRIDAY 23/04/21	DETACHED HOUSES 23/04/21	GLOUCESTERSHIRE	Survey Type: MANUAL
14	HC-03-A-23 CANADA WAY LIPHOOK Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 62 Survey date: TUESDAY 19/11/19	HOUSES & FLATS 19/11/19	HAMPSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	KC-03-A-03 HYTHE ROAD ASHFORD WILLESBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 51 Survey date: THURSDAY 14/07/16	MIXED HOUSES & FLATS	KENT	Survey Type: MANUAL
16	KC-03-A-08 MAIDSTONE ROAD CHARING Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 159 Survey date: TUESDAY 22/05/18	MIXED HOUSES	KENT	Survey Type: MANUAL
17	LE-03-A-02 MELBOURNE ROAD IBSTOCK Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 85 Survey date: THURSDAY 28/06/18	DETACHED & OTHERS	LEICESTERSHIRE	Survey Type: MANUAL
18	LS-03-A-01 SPRING VALLEY CRESCENT LEEDS BRAMLEY Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total No of Dwellings: 46 Survey date: WEDNESDAY 21/09/16	MIXED HOUSING	LEEDS	Survey Type: MANUAL
19	MW-03-A-01 ROCHESTER ROAD NEAR CHATHAM BURHAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 8 Survey date: FRIDAY 22/09/17	DETACHED & SEMI-DETACHED	MEDWAY	Survey Type: MANUAL
20	NF-03-A-27 YARMOUTH ROAD NEAR NORWICH BLOFIELD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 93 Survey date: THURSDAY 16/09/21	MIXED HOUSES & FLATS	NORFOLK	Survey Type: MANUAL
21	NF-03-A-44 MILL LANE NEAR NORWICH HORSFORD Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 125 Survey date: WEDNESDAY 21/09/22	MIXED HOUSES	NORFOLK	Survey Type: DIRECTIONAL ATC COUNT

LIST OF SITES relevant to selection parameters (Cont.)

22	NF-03-A-51	SEMI-DETACHED	NORFOLK
	CITY ROAD		
	NORWICH		
	LAKENHAM		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	34	
	Survey date: TUESDAY	13/09/22	Survey Type: MANUAL
23	NM-03-A-02	DETACHED & SEMI-DETACHED	WEST NORTHAMPTONSHIRE
	HARLESTONE ROAD		
	NEAR NORTHAMPTON		
	CHAPEL BRAMPTON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	47	
	Survey date: TUESDAY	20/10/20	Survey Type: MANUAL
24	NN-03-A-01	MIXED HOUSES & FLATS	NORTH NORTHAMPTONSHIRE
	MAIN STREET		
	NEAR WELLINGBOROUGH		
	LITTLE HARROWDEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	44	
	Survey date: TUESDAY	20/10/20	Survey Type: MANUAL
25	NY-03-A-13	TERRACED HOUSES	NORTH YORKSHIRE
	CATTERICK ROAD		
	CATTERICK GARRISON		
	OLD HOSPITAL COMPOUND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	10	
	Survey date: WEDNESDAY	10/05/17	Survey Type: MANUAL
26	PB-03-A-04	DETACHED HOUSES	PETERBOROUGH
	EASTFIELD ROAD		
	PETERBOROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	28	
	Survey date: MONDAY	17/10/16	Survey Type: MANUAL
27	SC-03-A-09	MIXED HOUSES & FLATS	SURREY
	AMLETS LANE		
	CRANLEIGH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	136	
	Survey date: TUESDAY	24/05/22	Survey Type: MANUAL
28	SC-03-A-10	MIXED HOUSES	SURREY
	GUILDFORD ROAD		
	ASH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	32	
	Survey date: WEDNESDAY	14/09/22	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

29	SD-03-A-01	SEMI DETACHED	SWINDON
	HEADLANDS GROVE		
	SWINDON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	27	
	Survey date: THURSDAY	22/09/16	Survey Type: MANUAL
30	SE-03-A-01	DETACHED & BUNGALOWS	SHEFFIELD
	MANOR ROAD		
	NEAR SHEFFIELD		
	WALES		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	25	
	Survey date: THURSDAY	10/09/20	Survey Type: MANUAL
31	SF-03-A-06	DETACHED & SEMI-DETACHED	SUFFOLK
	BURY ROAD		
	KENTFORD		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	38	
	Survey date: FRIDAY	22/09/17	Survey Type: MANUAL
32	SF-03-A-08	MIXED HOUSES	SUFFOLK
	STANNINGFIELD ROAD		
	NEAR BURY ST EDMUNDS		
	GREAT WHELNETHAM		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	34	
	Survey date: WEDNESDAY	16/09/20	Survey Type: MANUAL
33	SF-03-A-09	MIXED HOUSES & FLATS	SUFFOLK
	FOXHALL ROAD		
	IPSWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	179	
	Survey date: THURSDAY	24/06/21	Survey Type: MANUAL
34	SM-03-A-02	MIXED HOUSES	SOMERSET
	HYDE LANE		
	NEAR TAUNTON		
	CREECH SAINT MICHAEL		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	42	
	Survey date: TUESDAY	25/09/18	Survey Type: MANUAL
35	SM-03-A-03	MIXED HOUSES	SOMERSET
	HYDE LANE		
	NEAR TAUNTON		
	CREECH ST MICHAEL		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	41	
	Survey date: TUESDAY	25/09/18	Survey Type: MANUAL
36	TB-03-A-01	TERRACED HOUSES	TORBAY
	BRONSHILL ROAD		
	TORQUAY		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	37	
	Survey date: WEDNESDAY	30/09/15	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

37	TW-03-A-03	MIXED HOUSES	TYNE & WEAR
	STATION ROAD		
	NEAR NEWCASTLE		
	BACKWORTH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	33	
	Survey date: FRIDAY	13/11/15	Survey Type: MANUAL
38	WK-03-A-03	DETACHED HOUSES	WARWICKSHIRE
	BRESE AVENUE		
	WARWICK		
	GUY'S CLIFFE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	23	
	Survey date: WEDNESDAY	25/09/19	Survey Type: MANUAL
39	WM-03-A-04	TERRACED HOUSES	WEST MIDLANDS
	OSBORNE ROAD		
	COVENTRY		
	EARLSDON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total No of Dwellings:	39	
	Survey date: MONDAY	21/11/16	Survey Type: MANUAL
40	WS-03-A-07	BUNGALOWS	WEST SUSSEX
	EMMS LANE		
	NEAR HORSHAM		
	BROOKS GREEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	57	
	Survey date: THURSDAY	19/10/17	Survey Type: MANUAL
41	WS-03-A-16	DETACHED & SEMI-DETACHED	WEST SUSSEX
	BRACKLESHAM LANE		
	BRACKLESHAM BAY		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	58	
	Survey date: WEDNESDAY	09/11/22	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

Paragon Highways The Nostell Estate Wakefield

Licence No: 742101

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Ranking Type: TOTALS

Time Range: 17:00-18:00

CALCULATION FACTOR 1 DWELLS

15th Percentile = No. 35 WS-03-A-07 Tot: 0.158

85th Percentile = No. 7 SF-03-A-09 Tot: 0.654

Median Values

Arrivals: 0.313

Departures: 0.141

Totals: 0.454

Mean Values

Arrivals: 0.279

Departures: 0.160

Totals: 0.439

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Totals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	KC-03-A-03	MIXED HOUSES &	ASHFORD	KENT	51	Thu	14/07/16	0.569	0.314	0.883	2.16
2	SE-03-A-01	DETACHED & BUN	NEAR SHEFFIELD	SHEFFIELD	25	Thu	10/09/20	0.480	0.320	0.800	4.08
3	PB-03-A-04	DETACHED HOUSE	PETERBOROUGH	PETERBOROUGH	28	Mon	17/10/16	0.357	0.429	0.786	3.50
4	SD-03-A-01	SEMI DETACHED	SWINDON	SWINDON	27	Thu	22/09/16	0.519	0.259	0.778	4.52
5	ES-03-A-06	MIXED HOUSES	RINGMER	EAST SUSSEX	12	Wed	16/06/21	0.417	0.333	0.750	3.25
6	SM-03-A-03	MIXED HOUSES	NEAR TAUNTON	SOMERSET	41	Tue	25/09/18	0.537	0.146	0.683	2.88
7	SF-03-A-09	MIXED HOUSES &	IPSWICH	SUFFOLK	179	Thu	24/06/21	0.380	0.274	0.654	2.23
8	WK-03-A-03	DETACHED HOUSE	WARWICK	WARWICKSHIRE	23	Wed	25/09/19	0.304	0.348	0.652	2.74
9	CA-03-A-08	DETACHED & SEM	SAWTRY	CAMBRIDGESHIRE	83	Thu	13/10/22	0.458	0.193	0.651	2.25
10	SM-03-A-02	MIXED HOUSES	NEAR TAUNTON	SOMERSET	42	Tue	25/09/18	0.452	0.190	0.642	3.38
11	HC-03-A-23	HOUSES & FLATS	LIPHOOK	HAMPSHIRE	62	Tue	19/11/19	0.532	0.097	0.629	2.19
12	DV-03-A-02	HOUSES & BUNGA	HONITON	DEVON	116	Fri	25/09/15	0.388	0.233	0.621	2.25
13	NF-03-A-44	MIXED HOUSES	NEAR NORWICH	NORFOLK	125	Wed	21/09/22	0.400	0.216	0.616	2.42
14	TW-03-A-03	MIXED HOUSES	NEAR NEWCASTLE	TYNE & WEAR	33	Fri	13/11/15	0.333	0.273	0.606	4.00
15	SF-03-A-08	MIXED HOUSES	NEAR BURY ST EDMUND	SUFFOLK	34	Wed	16/09/20	0.353	0.206	0.559	2.03
16	NF-03-A-27	MIXED HOUSES &	NEAR NORWICH	NORFOLK	93	Thu	16/09/21	0.344	0.204	0.548	2.67
17	LE-03-A-02	DETACHED & OTH	IBSTOCK	LEICESTERSHIRE	85	Thu	28/06/18	0.329	0.212	0.541	4.27
18	GS-03-A-02	DETACHED HOUSE	NEAR GLOUCESTER	GLOUCESTERSHIRE	40	Fri	23/04/21	0.250	0.250	0.500	2.65
19	TB-03-A-01	TERRACED HOUSE	TORQUAY	TORBAY	37	Wed	30/09/15	0.297	0.189	0.486	2.78
20	DV-03-A-03	TERRACED & SEM	HONITON	DEVON	70	Mon	28/09/15	0.371	0.100	0.471	1.66
21	AC-03-A-06	DETACHED HOUSE	NEAR CHESTER	CHESHIRE WEST & CHE	99	Fri	29/04/22	0.313	0.141	0.454	2.19
22	CA-03-A-07	MIXED HOUSES	NEAR ELY	CAMBRIDGESHIRE	32	Thu	27/05/21	0.281	0.156	0.437	2.25
23	NY-03-A-13	TERRACED HOUSE	CATTERICK GARRISON	NORTH YORKSHIRE	10	Wed	10/05/17	0.200	0.200	0.400	1.90
24	SC-03-A-09	MIXED HOUSES &	CRANLEIGH	SURREY	136	Tue	24/05/22	0.243	0.140	0.383	2.64
25	AC-03-A-05	SEMI-DETACHED	NORTHWICH	CHESHIRE WEST & CHE	40	Fri	30/04/21	0.175	0.175	0.350	1.85
26	SF-03-A-06	DETACHED & SEM	KENTFORD	SUFFOLK	38	Fri	22/09/17	0.263	0.079	0.342	0.92
27	NN-03-A-01	MIXED HOUSES &	NEAR WELLINGBOROUGH	NORTH NORTHAMPTONSH	44	Tue	20/10/20	0.227	0.091	0.318	1.11
28	KC-03-A-08	MIXED HOUSES	CHARING	KENT	159	Tue	22/05/18	0.220	0.088	0.308	3.02
29	NM-03-A-02	DETACHED & SEM	NEAR NORTHAMPTON	WEST NORTHAMPTONSHI	47	Tue	20/10/20	0.191	0.106	0.297	2.85
30	SC-03-A-10	MIXED HOUSES	ASH	SURREY	32	Wed	14/09/22	0.188	0.094	0.282	2.63
31	DH-03-A-01	SEMI DETACHED	BISHOP AUCKLAND	DURHAM	50	Tue	28/03/17	0.220	0.020	0.240	1.74
32	NF-03-A-51	SEMI-DETACHED	NORWICH	NORFOLK	34	Tue	13/09/22	0.176	0.059	0.235	1.79
33	GM-03-A-11	TERRACED & SEM	MANCHESTER	GREATER MANCHESTER	37	Mon	26/09/16	0.108	0.108	0.216	1.08
34	WM-03-A-04	TERRACED HOUSE	COVENTRY	WEST MIDLANDS	39	Mon	21/11/16	0.103	0.103	0.206	1.15
35	WS-03-A-07	BUNGALOWS	NEAR HORSHAM	WEST SUSSEX	57	Thu	19/10/17	0.088	0.070	0.158	1.89
36	LS-03-A-01	MIXED HOUSING	LEEDS	LEEDS	46	Wed	21/09/16	0.043	0.109	0.152	1.26
37	MW-03-A-01	DETACHED & SEM	NEAR CHATHAM	MEDWAY	8	Fri	22/09/17	0.125	0.000	0.125	2.00
38	WS-03-A-16	DETACHED & SEM	BRACKLESHAM BAY	WEST SUSSEX	58	Wed	09/11/22	0.103	0.017	0.120	2.28
39	DH-03-A-02	MIXED HOUSES	BISHOP AUCKLAND	DURHAM	125	Mon	27/03/17	0.064	0.016	0.080	0.99
40	BY-03-A-01	BUNGALOWS & DE	NEAR BARNSELEY	BARNSELEY	19	Wed	09/09/20	0.053	0.000	0.053	2.00
41	AC-03-A-04	TOWN HOUSES	NORTHWICH	CHESHIRE WEST & CHE	24	Thu	06/06/19	0.000	0.000	0.000	1.96

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each individual survey day in the table is also displayed.