

Job Name: **Henfaes Road**

Job No. **IMA-24-077**

Date: **December 2024**

Client: **Emily Byrne**

1 Henfaes Road, Tonna, Neath

Development of 8 dwellings on former Care Home site

Transport Note in support of planning application

1 Introduction and site description

- 1.1 This Transport Note has been prepared to support a planning application for residential development on the B4434 Henfaes Road, Tonna, Neath. The development site at Tyn yr Heol, 1 Henfaes Road, is previously developed land which once contained a listed building used as a care home. The building was severely damaged in a fire approximately 15 years ago and has been derelict ever since. No other use has been made of the site since and it is currently vacant and secured with fencing for safety reasons.
- 1.2 The site is on the east side of Henfaes Road approximately 2 kilometres north of Neath Town Centre. The listed building had an access onto the highway that is presently secured with temporary fencing. The site slopes significantly up from the road frontage and drains towards the highway (See location Plan appendix A)

2 Existing Accessibility by All Modes of Travel

Vehicle access

- 2.1 The existing vehicle access is in the form of a private drive (blocked off by temporary fencing) with dropped kerbs onto Henfaes Road. Henfaes Road is part of the B4434, the historic main road up the valley from Neath to Glyn Neath, which is now bypassed in its entirety by the A465 dual carriageway but still links Tonna to Neath, Clyne, and Resolven and via Dulas Fach Road to Aberdulais and the A465.
- 2.2 Although the signage is slightly unclear it would appear that Henfaes Road is subject to a 20mph limit at the site entrance. Whilst signage suggests that this only applies from a point some 100m north of the site (at this location there is a 20mph roundel on the northbound lane but not the southbound) since September 2023 the standard urban speed limit in Wales, that is the default limit where there is a system of street lighting, is 20mph rather than 30mph.

Pedestrian Access

- 2.3 The B4434 Henfaes Road has footways on both sides passing the site and these footways continue to Neath to the south and Clyne to the north. There are also footways on Dulas Fach Road.

Public Transport

- 2.4 There are bus stops on both sides of Henfaes Road at Lock Hill, some 70m north of the site, and Neath Road, some 100m south of the site. Both sets of stops are served by the same services, with stops on the development side being served by buses heading

towards Neath Town Centre and stops on the other side being served by buses heading towards Clyne, Resolven and Glynneath. There are three services, most buses are the X7, operated by First, which runs between Glynneath and Swansea via Neath Town Centre. This service is hourly Monday to Saturday with the first bus leaving for Neath and Swansea at 655am and the last service arriving from Swansea and Neath at 625pm. The journey time from Swansea is approximately 25 minutes and from Neath approximately 10 minutes. Going in the other direction, journey times to Clyne, Resolven and Glynneath are 6 minutes, 12 minutes, and 27 minutes, respectively.

2.5 In total the following services call at the site

Table 1 - bus services serving Henfaes Road

Route	Origin	Destination	Typical daytime Frequency
X7	Glynneath	Neath/Swansea	1ph M-S
X7	Neath/Swansea	Glynneath	1ph M-S
X5	Glynneath	Neath	Two evening buses extending X7 service to evenings
X5	Neath	Glynneath	Three evening buses extending X7 service to evenings
55	Glynneath	Neath	Sundays only - two buses
55	Neath	Glynneath	Sundays only - two buses

Cycle access

2.6 Whilst there is no specific provision for cycles on the B4434 it is not a difficult or hazardous road to cycle. The Neath Canal towpath runs parallel to the B4434 between Neath and Clyne and can be reached via Quarry Road at Tonna Lock, about 300m from the site. The towpath is a metalled multi-surface user trail extending to Clyne and Abergarwed north (and with a short road section to Resolven and Ysgwrfa) and to Neath, Giants Grave and Briton Ferry to the south.

3 Accident Record

3.1 We have used the accident reporting site CrashMap (Appendix B) to examine the record of highway injury accidents over the last five years. Two are recorded, both slight

injury accidents. The first, in June 2018, occurred between 10 and 11pm involving a moving car colliding with a parked van, the car driver was slightly injured. The second involved a motor cycle that appears to have collided with an unidentified object, this occurred at around 7.15pm on September 21st, both the driver and the pillion passenger were slightly injured.

- 3.2 Neither accident involved another moving vehicle or a pedestrian, neither were near a junction (both reports have the standard entry “more than 20m” to the nearest junction. Although both occurred in the dark neither incident can be ascribed to any failings in the highway design or layout.

4 Existing Use of Site and Trip Generation

- 4.1 The site is presently vacant and abandoned. The site formerly hosted a residential care home, but this was damaged beyond economic repair several years ago.

5 Proposed Development

- 5.1 The site is proposed for a development of 8 dwellings, all houses, consisting of six market houses and two affordable houses. The two affordable dwellings are both 2-bedroom whilst the market housing features three 5-bedroom, two 4-bedroom and one 3-bedroom house. All allocated parking is on private driveways with the 2 & 3 bedroom having two driveway spaces each, the 4-bed and two of the 5-bed having three spaces each (two driveway spaces and a garage spaces) and the remaining 5-bed having two driveway spaces and two garage spaces. There are also two visitor spaces in bays along the access road.
- 5.2 The dwellings are arranged around a private access road that will be adopted and lit as far as the turning head within the site. The overall arrangement can be seen in the general arrangement plan no *IMA-24-077_010 General Arrangement* submitted with this report (Appendix C)

Access

- 5.3 The site will gain access to and from the public highway at the same location as the former care home did, but the access is being widened to allow a vehicle to enter the site as another waits to leave, and to provide visibility along Henfaes Road.
- 5.4 The current default speed limit on Henfaes Road is 20mph following the change in September 2023, and thus a visibility splay of 2.4m by 25m is shown in accordance with this. However should the road revert to the previous 30mph limit then the greater splay of 2.4m by 43m is also achieved. These splays are shown on plan no *IMA-24-077_010 General Arrangement*
- 5.5 The adoptable access road is 5.50m in width with a varying footway of between 1.8- and 2.00m width and service strip of 0.5m, from the access it leads to a large turning head with a ‘t’fork approximately 60m from Henfaes Road, where one arm serves plots 6,7 and 8 whilst the other directly serves plots 4 and 5 and beyond plots 2 and 3 can be reached. Plot 1 is served by a large private driveway that has access to the main driveway approximately 30m from the connection to Henfaes Road.
- 5.6 The road as far as plots 6 and 4 will be offered for adoption under S38 of the Highways Act and will have streetlighting to adoptable standards, the final design of which will

be included with technical submissions. The area offered for adoption and the location of the lights is included in plan no *IMA-24-077_010 General Arrangement*.

Service access

- 5.7 The site has been tracked (refer to Appendix D) for access/egress to all parking areas for access for car, waste collection vehicles and fire tenders. These tracks are shown on plans *IMA-24-077-SK01*, *SK02* and *SK03*. Waste Collection Vehicles can reach the relevant kerbside collection points for each property

Drainage

- 5.8 The site drainage is shown on plan *IMA-24-077_050 Conceptual Drainage Strategy* (Appendix E) and is subject to a separate drainage report. The proposal is for surface water to be attenuated and to be discharged either to soakaway or the highway drain within Henfaes Road (refer to the drainage statement document for calculations etc)

6 Local facilities

- 6.1 Tonnau Primary School is 300m walk from the site, and there is a Spar Grocery Store in Tonna approximately 1km north of the site. Neath Town Centre has all facilities including supermarket, health centre and railway station, this is just under 2km away and served by a regular bus service with a ten-minute journey time. In addition the canal towpath (which can be accessed via link lane approximately 100m to the north west of site) leads to the heart of the town centre and is a fully surfaced multi-user trail suitable for pedestrians, cyclists, and mobility scooters.

7 Traffic Generation

- 7.1 The site is proposed to accommodate 8 dwellings with a total of 22 parking spaces allocated to residents and two visitor spaces. To determine traffic generation we have used the TRICS data base (refer to Appendix G) and specified: *Private residential, all sites in Wales and England. Located in edge of Town/Suburban Location, since 01/01/16 (default date)*. Using these criteria for Wales alone gave results for only one site and thus the search was widened to England as well. The results are given below

Table 2 - Trips rates from TRICS

Residential Trips and Trip Rates - Wales & England						
Time Range	Trip Rates			Trips for 8 units		
	Arrivals	Departs	Total	Arrivals	Departs	Total
AM (08:00-09:00)	0.146	0.372	0.518	1.2	3	4.1
PM (17:00-18:00)	0.34	0.157	0.497	2.7	1.3	4
Daily	2.236	2.225	4.461	17.9	17.8	35.7

- 7.2 Table 2 shows a forecast of 4 vehicle trips in the peak hour and just under 36 over a 12-hour day. In other words, even at the busiest generation the site will generate one vehicle trip every fifteen minutes.

8 Summary and Conclusions

- 8.1 The proposal is for 8 dwellings with associated parking and access on land formerly occupied by a care home that has long since closed. The site access is from the same location as the former care home access but is improved to allow two-way traffic. The access complies with visibility standards for a 30mph speed limit. The speed limit has been 20mph since September 2023.
- 8.2 The access road is to adoptable standards with 5.5m width and footway and service strips and can accommodate refuse vehicles and fire tenders including allowing these vehicles to turn within the site. The access road includes lighting and drainage to adoptable standards.
- 8.3 There is a private parking square and turning area for plots 2,3 and 4. 22 car parking spaces have been provided within the development serving the individual plots and 2 visitor parking spaces have been provided within the adoptable highway area.
- 8.4 The traffic generation of the site is forecast to be 4 vehicles two-way in the peak hour (both AM and PM) and 36 vehicles two way over a 12-hour day. Even at its peak the site will only generate one vehicle movement every 15 minutes.
- 8.5 The site is served by a regular bus service that links the Vale of Neath with Neath Town Centre and Swansea City Centre. Neath Town Centre is a ten-minute journey from the site.
- 8.6 The towpath of the Neath Canal is a recognised multi-user trail and can be reached via a short (300m) walk or cycle ride from the site. This trail leads to Neath Town Centre, and also to Briton Ferry and the Vale of Neath as far as Ysgwrfa.
- 8.7 There is a local primary school and grocery store accessible on foot from the development. All facilities are available in Neath Town Centre which is a ten-minute bus journey from the site.
- 8.8 Overall the site is very accessible by non-car modes and has negligible traffic impact on the local highway network.

Appendix A - Location Plan



The red line indicates the boundary for the new development



TRANSPORT PLANNING
MONTREUX HOUSE, 18A JAMES STREET WEST
BATH BA1 2BT
t: 01225 444 011
www.ima-tp.com

CLIENT:	Emily Byrne
PROJECT:	1 Henfaes Road Neath, Tonna

TITLE:	Site Location Plan
--------	--------------------

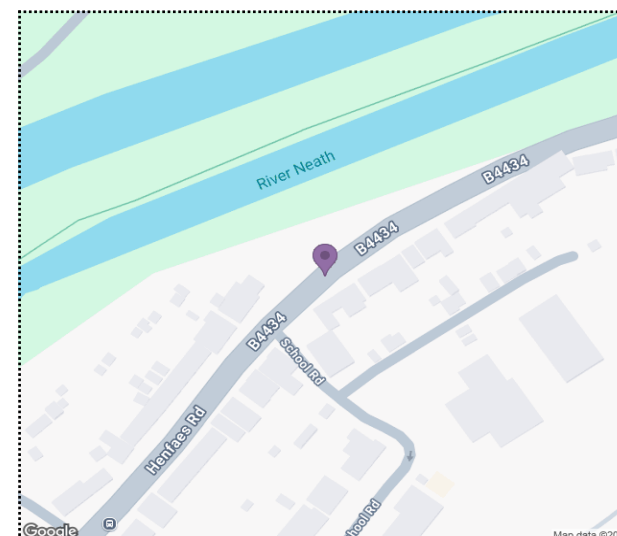
SCALE: (A3) 1:1000	CHECKED: DS	APPROVED: DS
CAD FILE: IMA-24-077_SL01.dwg	DESIGN/DRAWN: PDI	DATE: December 2024
PROJECT No: IMA-24-077	DRAWING No: SL-01	REV: -

Appendix B Crash Map data



Validated Data

Crash Date:	Sunday, June 24, 2018	Time of Crash:	22:45:00	Crash Reference:	2018621800773
Highest Injury Severity:	Slight	Road Number:	B4434	Casualties:	1
Highway Authority:	Neath Port Talbot			Vehicles:	2
Local Authority:	Neath Port Talbot			OS Grid Reference:	277145 198835
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Darkness: street lights present and lit				
Carriageway Hazards:	None				
Junction Detail:	Not at or within 20 metres of junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Not Applicable				



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

To subscribe to unlimited reports using CrashMap Pro visit: www.crashmap.co.uk/home/premium_services



Validated Data

Crash Date:

Sunday, June 24, 2018

Time of Crash: 22:45:00

Crash Reference: 2018621800773

Vehicles Involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneuvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	4	Female	46 - 55	Vehicle proceeding normally along the carriageway, not on a bend	Nearside	Unknown	Parked vehicle	None
2	Van or goods vehicle 3.5 tonnes mgw and under	5	Unknown	Unknown	Vehicle is parked in the carriageway	Nearside	Unknown	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Female	46 - 55	Unknown or other	Unknown or other

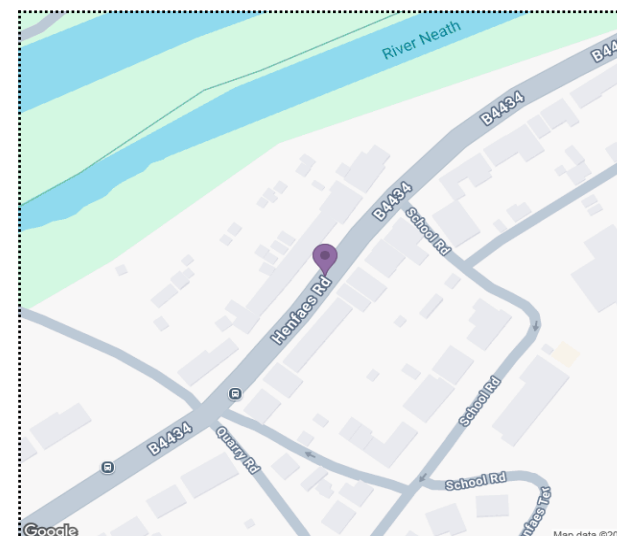
For more information about the data please visit: www.crashmap.co.uk/home/faq

To subscribe to unlimited reports using CrashMap Pro visit: www.crashmap.co.uk/home/premium_services



Validated Data

Crash Date:	Tuesday, September 21, 2021	Time of Crash:	19:16:00	Crash Reference:	2021622100710
Highest Injury Severity:	Slight	Road Number:	B4434	Casualties:	2
Highway Authority:	Neath Port Talbot			Vehicles:	1
Local Authority:	Neath Port Talbot			OS Grid Reference:	277095 198782
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Darkness: street lights present and lit				
Carriageway Hazards:	None				
Junction Detail:	Not at or within 20 metres of junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Not Applicable				



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

To subscribe to unlimited reports using CrashMap Pro visit: www.crashmap.co.uk/home/premium_services



Validated Data

Crash Date:

Tuesday, September 21, 2021

Time of Crash:

19:16:00

Crash Reference: 2021622100710

Vehicles Involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneuvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Motorcycle over 50cc and up to 125cc	-1	Male	16 - 20	Vehicle proceeding normally along the carriageway, not on a bend	Front	Unknown	None	None

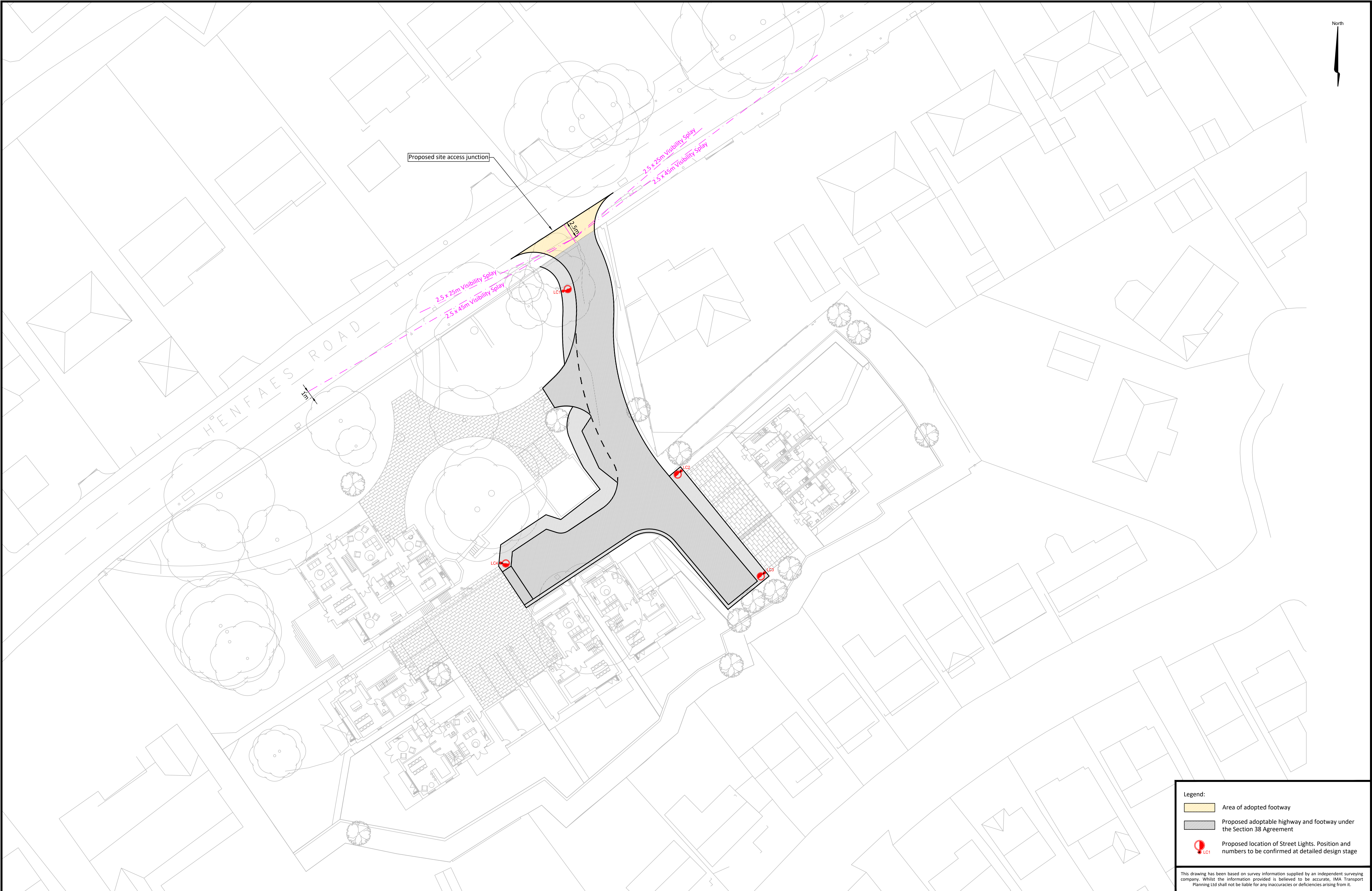
Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	16 - 20	Unknown or other	Unknown or other
1	2	Slight	Vehicle or pillion passenger	Male	16 - 20	Unknown or other	Unknown or other

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

To subscribe to unlimited reports using CrashMap Pro visit: www.crashmap.co.uk/home/premium_services

Appendix C - General Arrangement Planning Layout IMA-24-077_010 General Arrangement

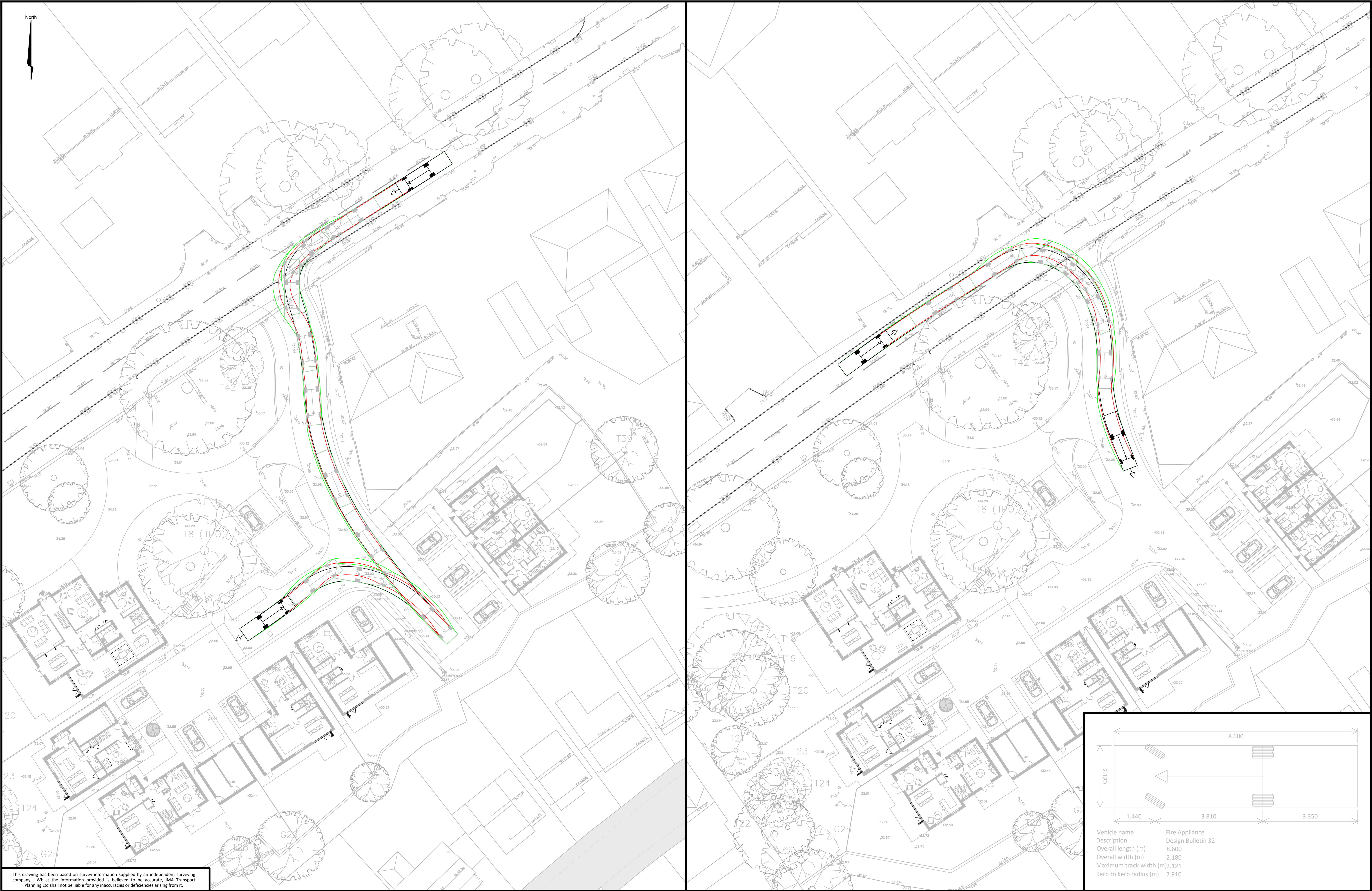


- Legend:**
- Area of adopted footway
 - Proposed adoptable highway and footway under the Section 38 Agreement
 - Proposed location of Street Lights. Position and numbers to be confirmed at detailed design stage

This drawing has been based on survey information supplied by an independent surveying company. Whilst the information provided is believed to be accurate, IMA Transport Planning Ltd shall not be liable for any inaccuracies or deficiencies arising from it.

I M A TRANSPORT PLANNING MONTREUX HOUSE, 18A JAMES STREET WEST BATH BA1 2BT T: 01225 444 011 www.ima-tp.com						NOTES:	CLIENT:	Emily Byrne	TITLE:	General Arrangement	DRAWING STATUS: for Planning		
							PROJECT:	1 Henfaes Road Tonna, Neath			SCALE (A1): 1:250	CHECKED: DS	APPROVED: DS
											CAD FILE: IMA-24-077_010.dwg	DESIGN/DRAWN: PDI	DATE: December 2024
	REV	DATE	BY	DESCRIPTION			CHK	APP			PROJECT No: IMA-24-077	DRAWING No: 010	REV: -

Appendix D - Vehicle Tracking - Car - Refuse vehicle and Fire Tender



This drawing has been based on survey information supplied by an independent surveying company. Whilst the information provided is believed to be accurate, IMA Transport Planning Ltd shall not be liable for any inaccuracies or deficiencies arising from it.

I

M

A

TRANSPORT PLANNING

MONTREUX HOUSE, 18A JAMES STREET WEST
BATH BA1 2BT
T: 01225 444 011
www.ima-tp.com

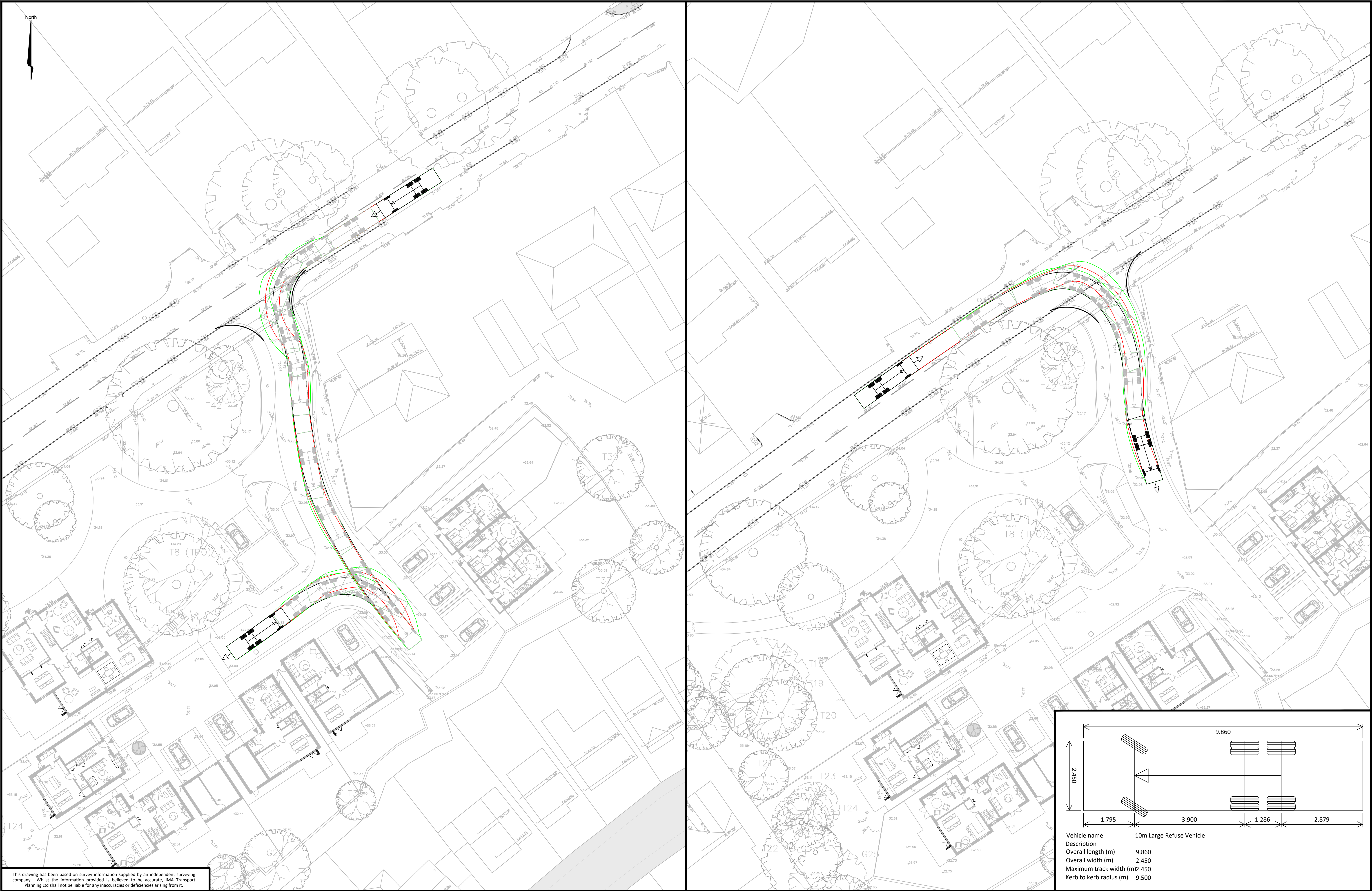
REV	DATE	BY	DESCRIPTION	CHK	APPD
A	15/10/2024	TP	First Issue	DS	DS

NOTES:

CLIENT: Emily Byrne
PROJECT: 1 Henfaes Road, Tonna Neath

TITLE: Vehical Tracking - Fire Appliance

DRAWING STATUS:				For Information		
SCALE (A1)	1:250	CHECKED:	DS	APPROVED:	DS	
CAD FILE:	IMA-24-077_SK002.dwg	DESIGN/DRAWN:	TP	DATE:	October 2024	
PROJECT No:	IMA-24-077	DRAWING No:	SK002	REV:	A	



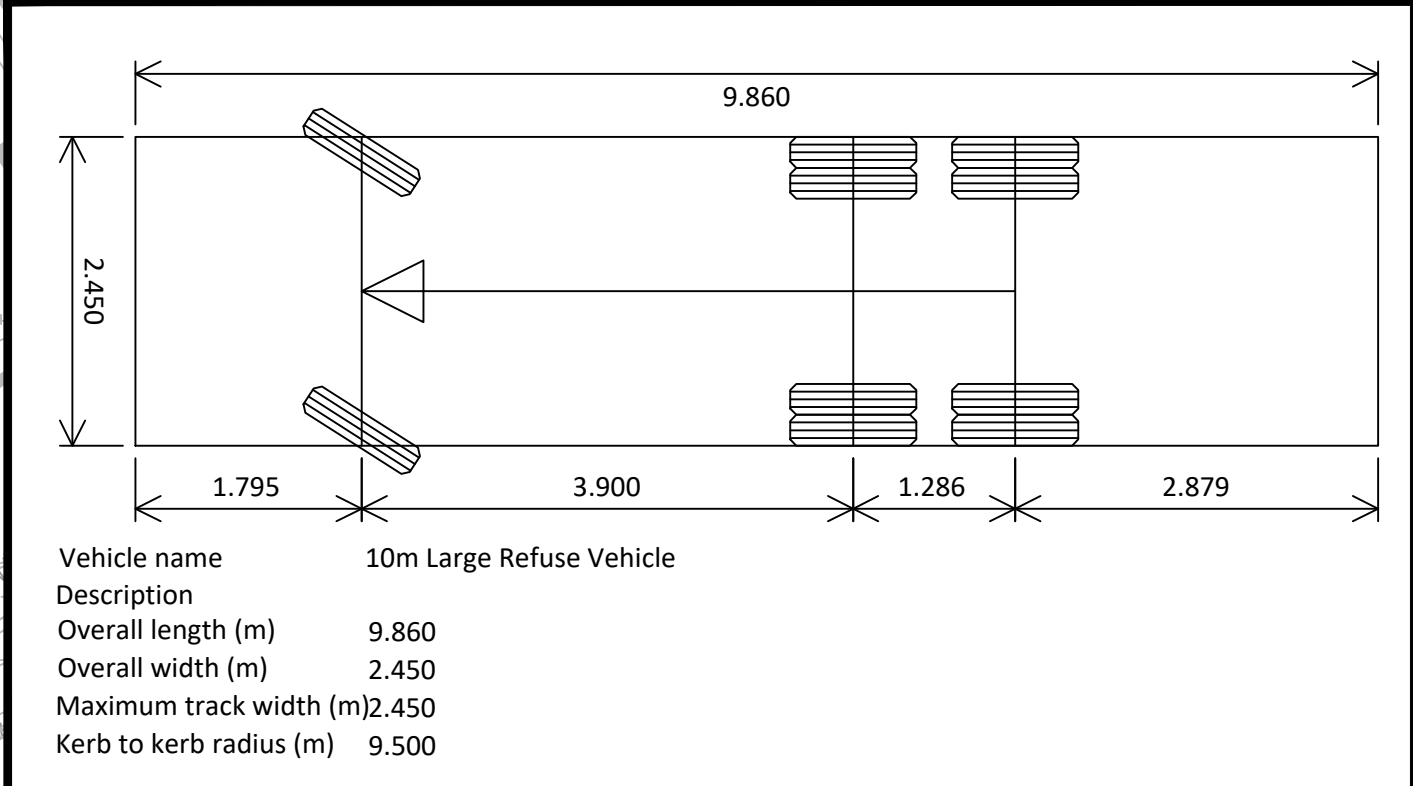
This drawing has been based on survey information supplied by an independent surveying company. Whilst the information provided is believed to be accurate, IMA Transport Planning Ltd shall not be liable for any inaccuracies or deficiencies arising from it.

		TRANSPORT PLANNING		MONTREUX HOUSE, 18A JAMES STREET WEST	
				BATH BA1 2BT	
				T: 01225 444 011	
				www.ima-tp.com	
REV	DATE	BY	DESCRIPTION	CHK	APP
A	15/10/2024	TP	First Issue	DS	DS

NOTES:	

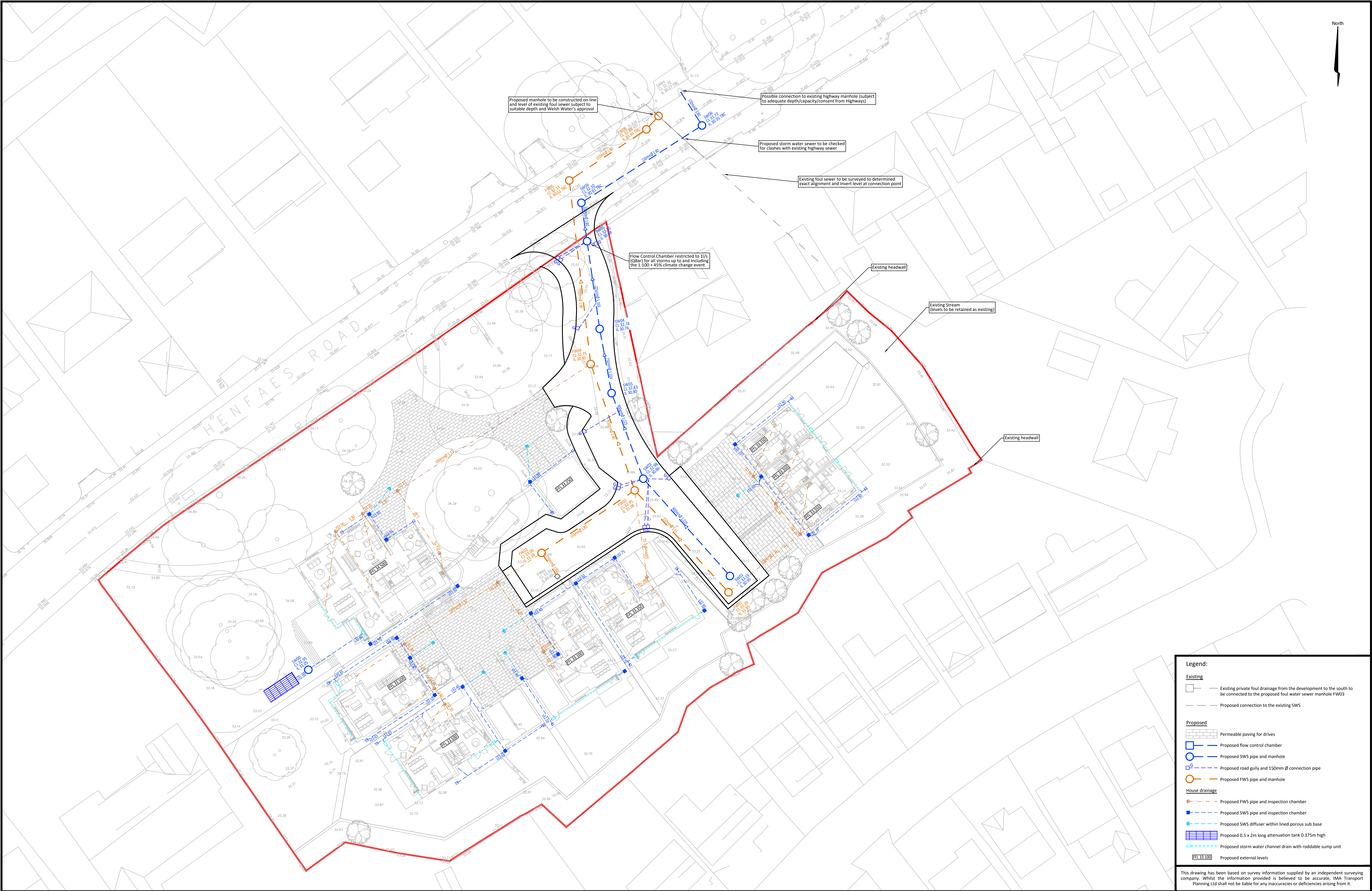
CLIENT:	Emily Byrne
PROJECT:	1 Henfaes Road, Tonna Neath

TITLE:	Vehical Tracking - Large Refuse Vehicle
--------	---



DRAWING STATUS:		For Information	
SCALE (A1)	1:250	CHECKED:	DS
CAD FILE:	MA-24-077_SK003.dwg	DESIGN/DRAWN:	TP
PROJECT NO:	IMA-24-077	DRAWING NO:	SK003
DATE:	October 2024	REV:	A

Appendix E - Drainage



Legend:

Existing

Existing private foul drainage from the development to the south to be connected to the proposed foul water sewer manhole FW03

Proposed connection to the existing SWS

Proposed

Permeable paving for drives

Proposed flow control chamber

Proposed SWS pipe and manhole

Proposed road gully and 150mm Ø connection pipe

Proposed FWS pipe and manhole

House drainage

Proposed FWS pipe and inspection chamber

Proposed SWS pipe and inspection chamber

Proposed SWS diffuser within lined porous sub base

Proposed 0.5 x 2m long attenuation tank 0.375m high

Proposed storm water channel drain with roddable sump unit

Proposed external levels

This drawing has been based on survey information supplied by an independent surveying company. Whilst the information provided is believed to be accurate, IMA Transport Planning Ltd shall not be liable for any inaccuracies or deficiencies arising from it.

I M A TRANSPORT PLANNING MONTREUX HOUSE, 18A JAMES STREET WEST BATH BA1 2BT T: 01225 444 011 www.ima-tp.com												NOTES:			CLIENT: Emily Byrne			TITLE: Conceptual Drainage Strategy			DRAWING STATUS: for Planning											
															PROJECT: 1 Henfaes Road Tonna, Neath						SCALE (A1): 1:250			CHECKED: DS			APPROVED: DS					
																					CADD FILE: IMA-24-077_500.dwg			DESIGN/DRAWN: PDI			DATE: December 2024					
																					PROJECT NO: IMA-24-077			DRAWING NO: 500			REV: -					
REV			DATE			BY			DESCRIPTION			CHK			APD																	

Appendix G - TRICS data traffic generation

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Calculation Reference: AUDIT-527501-241218-1236

Selected regions and areas:

10 WALES

VG VALE OF GLAMORGAN 1 days

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

IMA Transport Planning Kingsmead Square Bath

Licence No: 527501

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: 12 to 12 (units:)
Range Selected by User: 12 to 277 (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: 01/01/16 to 08/05/17

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

Selected survey days:

Monday 1 days

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

Selected survey types:

Manual count 1 days
Directional ATC Count 0 days

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

Selected Locations:

Edge of Town 1

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

Selected Location Sub Categories:

Residential Zone 1

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included X days - Selected
Servicing vehicles Excluded 1 days - Selected

Secondary Filtering selection:

Use Class:

C3 1 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:

15,001 to 20,000 1 days

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

Population within 5 miles:

125,001 to 250,000 1 days

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

Car ownership within 5 miles:

1.1 to 1.5 1 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:

No 1 days

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

PTAL Rating:

No PTAL Present 1 days

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

LIST OF SITES relevant to selection parameters

1	VG-03-A-01 ARTHUR STREET BARRY	SEMI-DETACHED & TERRACED	VALE OF GLAMORGAN
	Edge of Town Residential Zone		
	Total No of Dwellings:	12	
	Survey date: MONDAY	08/05/17	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.

IMA Transport Planning Kingsmead Square Bath

Licence No: 527501

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	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	12	0.083	1	12	0.333	1	12	0.416
08:00 - 09:00	1	12	0.250	1	12	0.667	1	12	0.917
09:00 - 10:00	1	12	0.083	1	12	0.250	1	12	0.333
10:00 - 11:00	1	12	0.167	1	12	0.250	1	12	0.417
11:00 - 12:00	1	12	0.500	1	12	0.417	1	12	0.917
12:00 - 13:00	1	12	0.333	1	12	0.583	1	12	0.916
13:00 - 14:00	1	12	0.250	1	12	0.333	1	12	0.583
14:00 - 15:00	1	12	0.417	1	12	0.083	1	12	0.500
15:00 - 16:00	1	12	0.333	1	12	0.167	1	12	0.500
16:00 - 17:00	1	12	0.500	1	12	0.167	1	12	0.667
17:00 - 18:00	1	12	0.333	1	12	0.250	1	12	0.583
18:00 - 19:00	1	12	0.333	1	12	0.417	1	12	0.750
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.582			3.917			7.499

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected:	12 - 12 (units:)
Survey date range:	01/01/16 - 08/05/17
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-527501-241218-1250

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	BO BEDFORD	1 days
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	6 days
	EX ESSEX	2 days
	HC HAMPSHIRE	13 days
	HF HERTFORDSHIRE	3 days
	KC KENT	7 days
	MW MEDWAY	1 days
	SC SURREY	2 days
	SP SOUTHAMPTON	1 days
	WB WEST BERKSHIRE	1 days
	WS WEST SUSSEX	7 days
03	SOUTH WEST	
	DC DORSET	2 days
	SD SWINDON	1 days
04	EAST ANGLIA	
	NF NORFOLK	17 days
	PB PETERBOROUGH	1 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	DY DERBY	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	2 days
	WK WARWICKSHIRE	2 days
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	3 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
	LC LANCASHIRE	1 days
09	NORTH	
	DH DURHAM	2 days
	FU WESTMORLAND & FURNESS	1 days
10	WALES	
	VG VALE OF GLAMORGAN	1 days

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

IMA Transport Planning Kingsmead Square Bath

Licence No: 527501

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 1146 (units:)
 Range Selected by User: 6 to 4334 (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: 01/01/16 to 14/05/24

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:

Monday	13 days
Tuesday	31 days
Wednesday	20 days
Thursday	14 days
Friday	7 days

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

Selected survey types:

Manual count	80 days
Directional ATC Count	5 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:

Edge of Town Centre	4
Suburban Area (PPS6 Out of Centre)	12
Edge of Town	69

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	77
Village	1
Out of Town	4
No Sub Category	3

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	28 days - Selected
Servicing vehicles Excluded	112 days - Selected

Secondary Filtering selection:

Use Class:

C3 85 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

Population within 1 mile:

1,001 to 5,000	6 days
5,001 to 10,000	21 days
10,001 to 15,000	28 days
15,001 to 20,000	13 days
20,001 to 25,000	12 days
25,001 to 50,000	5 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	11 days
25,001 to 50,000	9 days
50,001 to 75,000	11 days
75,001 to 100,000	10 days
100,001 to 125,000	2 days
125,001 to 250,000	33 days
250,001 to 500,000	9 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	23 days
1.1 to 1.5	57 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	53 days
No	32 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	84 days
2 Poor	1 days

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
-----------------------	-----	--

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	BO-03-A-01 CARNOUSTIE DRIVE BEDFORD GREAT DENHAM Edge of Town Residential Zone Total No of Dwellings: 30 Survey date: THURSDAY 15/10/20	DETACHED HOUSES	BEDFORD	Survey Type: MANUAL
3	CT-03-A-03 ARLESEY ROAD STOTFOLD Edge of Town Residential Zone Total No of Dwellings: 73 Survey date: TUESDAY 27/06/23	MIXED HOUSES	CENTRAL BEDFORDSHIRE	Survey Type: MANUAL
4	DC-03-A-10 ADDISON CLOSE GILLINGHAM Edge of Town Residential Zone Total No of Dwellings: 26 Survey date: WEDNESDAY 09/11/22	MIXED HOUSES	DORSET	Survey Type: MANUAL
5	DC-03-A-11 A350 SHAFTESBURY Edge of Town No Sub Category Total No of Dwellings: 141 Survey date: TUESDAY 31/10/23	MIXED HOUSES	DORSET	Survey Type: MANUAL
6	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
7	DH-03-A-03 PILGRIMS WAY DURHAM Edge of Town Residential Zone Total No of Dwellings: 57 Survey date: FRIDAY 19/10/18	SEMI-DETACHED & TERRACED	DURHAM	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	DY-03-A-01 RADBOURNE LANE DERBY	MIXED HOUSES	DERBY
	Edge of Town Residential Zone Total No of Dwellings: 371 Survey date: TUESDAY 10/07/18		Survey Type: MANUAL
9	ES-03-A-03 SHEPHAM LANE POLEGATE	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 212 Survey date: MONDAY 11/07/16		Survey Type: MANUAL
10	ES-03-A-07 NEW ROAD HAILSHAM HELLINGLY	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 91 Survey date: THURSDAY 07/11/19		Survey Type: MANUAL
11	ES-03-A-08 WRESTWOOD ROAD BEXHILL	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 110 Survey date: WEDNESDAY 12/10/22		Survey Type: MANUAL
12	ES-03-A-09 THE FAIRWAY NEWHAVEN	DETACHED & SEMI-DETACHED	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 47 Survey date: MONDAY 13/03/23		Survey Type: MANUAL
13	ES-03-A-10 WATERGATE BEXHILL-ON-SEA	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 139 Survey date: THURSDAY 28/09/23		Survey Type: MANUAL
14	ES-03-A-14 RATTLE ROAD NEAR EASTBOURNE STONE CROSS	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 120 Survey date: TUESDAY 30/04/24		Survey Type: MANUAL
15	EX-03-A-02 MANOR ROAD CHIGWELL GRANGE HILL	DETACHED & SEMI-DETACHED	ESSEX
	Edge of Town Residential Zone Total No of Dwellings: 97 Survey date: MONDAY 27/11/17		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

16	EX-03-A-03 KESTREL GROVE RAYLEIGH	MIXED HOUSES	ESSEX
	Edge of Town Residential Zone Total No of Dwellings: 123 Survey date: MONDAY 27/09/21		Survey Type: MANUAL
17	FU-03-A-02 MACADAM WAY PENRITH	DETACHED / TERRACED HOUSING	WESTMORLAND & FURNESS
	Edge of Town Centre Residential Zone Total No of Dwellings: 50 Survey date: TUESDAY 21/06/16		Survey Type: MANUAL
18	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS	TERRACED & SEMI-DETACHED	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 39 Survey date: TUESDAY 13/11/18		Survey Type: MANUAL
19	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE	MIXED HOUSES	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 40 Survey date: WEDNESDAY 31/10/18		Survey Type: MANUAL
20	HC-03-A-23 CANADA WAY LIPHOOK	HOUSES & FLATS	HAMPSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 62 Survey date: TUESDAY 19/11/19		Survey Type: MANUAL
21	HC-03-A-26 BOTLEY ROAD WHITELEY	MIXED HOUSES & FLATS	HAMPSHIRE
	Edge of Town Out of Town Total No of Dwellings: 270 Survey date: THURSDAY 24/06/21		Survey Type: MANUAL
22	HC-03-A-27 DAIRY ROAD ANDOVER	MIXED HOUSES	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 73 Survey date: TUESDAY 16/11/21		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

23	HC-03-A-28	MIXED HOUSES & FLATS	HAMPSHIRE
	EAGLE AVENUE		
	WATERLOOVILLE		
	LOVEDEAN		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	125	
	Survey date: MONDAY	08/11/21	Survey Type: MANUAL
24	HC-03-A-30	TERRACED HOUSES	HAMPSHIRE
	MEUDON AVENUE		
	FARNBOROUGH		
	Edge of Town Centre		
	Residential Zone		
	Total No of Dwellings:	31	
	Survey date: FRIDAY	14/10/22	Survey Type: MANUAL
25	HC-03-A-31	MIXED HOUSES & FLATS	HAMPSHIRE
	KILN ROAD		
	LIPHOOK		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	44	
	Survey date: FRIDAY	07/10/22	Survey Type: MANUAL
26	HC-03-A-33	MIXED HOUSES & FLATS	HAMPSHIRE
	CROW LANE		
	RINGWOOD		
	CROW		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	195	
	Survey date: TUESDAY	04/07/23	Survey Type: MANUAL
27	HC-03-A-34	MIXED HOUSES & FLATS	HAMPSHIRE
	STONEHAM LANE		
	EASTLEIGH		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	243	
	Survey date: TUESDAY	14/11/23	Survey Type: MANUAL
28	HC-03-A-35	MIXED HOUSES & FLATS	HAMPSHIRE
	EAGLE AVENUE		
	WATERLOOVILLE		
	LOVEDEAN		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	289	
	Survey date: TUESDAY	31/10/23	Survey Type: MANUAL
29	HC-03-A-36	MIXED HOUSES & FLATS	HAMPSHIRE
	HAVANT ROAD		
	EMSWORTH		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	145	
	Survey date: TUESDAY	12/09/23	Survey Type: MANUAL
30	HC-03-A-37	MIXED HOUSES	HAMPSHIRE
	REDFIELDS LANE		
	FLEET		
	CHURCH CROOKHAM		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	50	
	Survey date: WEDNESDAY	27/03/24	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

31	HF-03-A-03 HARE STREET ROAD BUNTINGFORD	MIXED HOUSES	HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	160	
	Survey date: MONDAY	08/07/19	Survey Type: MANUAL
32	HF-03-A-05 HOLMSIDE RISE WATFORD SOUTH OXHEY	TERRACED HOUSES	HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	8	
	Survey date: MONDAY	05/06/23	Survey Type: MANUAL
33	HF-03-A-06 A505 ROYSTON	MIXED HOUSES & FLATS	HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	180	
	Survey date: TUESDAY	28/11/23	Survey Type: MANUAL
34	KC-03-A-03 HYTHE ROAD ASHFORD WILLESBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone	MIXED HOUSES & FLATS	KENT
	Total No of Dwellings:	51	
	Survey date: THURSDAY	14/07/16	Survey Type: MANUAL
35	KC-03-A-04 KILN BARN ROAD AYLESFORD DITTON	SEMI-DETACHED & TERRACED	KENT
	Edge of Town Residential Zone Total No of Dwellings:	110	
	Survey date: FRIDAY	22/09/17	Survey Type: MANUAL
36	KC-03-A-06 MARGATE ROAD HERNE BAY	MIXED HOUSES & FLATS	KENT
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	363	
	Survey date: WEDNESDAY	27/09/17	Survey Type: MANUAL
37	KC-03-A-07 RECVLVER ROAD HERNE BAY	MIXED HOUSES	KENT
	Edge of Town Residential Zone Total No of Dwellings:	288	
	Survey date: WEDNESDAY	27/09/17	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

38	KC-03-A-10 HEADCORN ROAD STAPLEHURST	MIXED HOUSES	KENT
	Edge of Town Residential Zone Total No of Dwellings: 106 Survey date: TUESDAY 09/05/23		Survey Type: MANUAL
39	KC-03-A-11 COLDHARBOUR ROAD GRAVESEND	MIXED HOUSES & FLATS	KENT
	Edge of Town No Sub Category Total No of Dwellings: 375 Survey date: MONDAY 20/03/23		Survey Type: MANUAL
40	KC-03-A-12 WESTERN LINK FAVERSHAM DAVINGTON	MIXED HOUSES & FLATS	KENT
	Edge of Town Residential Zone Total No of Dwellings: 186 Survey date: TUESDAY 19/09/23		Survey Type: MANUAL
41	LC-03-A-31 GREENSIDE PRESTON COTTAM	DETACHED HOUSES	LANCASHIRE
	Edge of Town Residential Zone Total No of Dwellings: 32 Survey date: FRIDAY 17/11/17		Survey Type: MANUAL
42	MW-03-A-02 OTTERHAM QUAY LANE RAINHAM	MIXED HOUSES	MEDWAY
	Edge of Town Residential Zone Total No of Dwellings: 19 Survey date: MONDAY 06/06/22		Survey Type: MANUAL
43	NF-03-A-10 HUNSTANTON ROAD HUNSTANTON	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 17 Survey date: WEDNESDAY 12/09/18		Survey Type: DIRECTIONAL ATC COUNT
44	NF-03-A-22 ROUND HOUSE WAY NORWICH CRINGLEFORD	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 984 Survey date: TUESDAY 13/10/20		Survey Type: DIRECTIONAL ATC COUNT

LIST OF SITES relevant to selection parameters (Cont.)

45	NF-03-A-23 SILFIELD ROAD WYMONDHAM	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Out of Town Total No of Dwellings: 514 Survey date: WEDNESDAY 22/09/21		Survey Type: MANUAL
46	NF-03-A-25 WOODFARM LANE GORLESTON-ON-SEA	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 55 Survey date: TUESDAY 21/09/21		Survey Type: MANUAL
47	NF-03-A-28 ATLANTIC AVENUE NORWICH SPROWSTON	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 1146 Survey date: THURSDAY 22/09/22		Survey Type: MANUAL
48	NF-03-A-31 BRANDON ROAD SWAFFHAM	MIXED HOUSES	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 321 Survey date: THURSDAY 22/09/22		Survey Type: DIRECTIONAL ATC COUNT
49	NF-03-A-32 HUNSTANTON ROAD HUNSTANTON	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 164 Survey date: WEDNESDAY 21/09/22		Survey Type: DIRECTIONAL ATC COUNT
50	NF-03-A-33 LONDON ROAD ATTLEBOROUGH	MIXED HOUSES	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 143 Survey date: THURSDAY 29/09/22		Survey Type: MANUAL
51	NF-03-A-34 NORWICH ROAD SWAFFHAM	MIXED HOUSES	NORFOLK
	Edge of Town Out of Town Total No of Dwellings: 80 Survey date: TUESDAY 27/09/22		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

52	NF-03-A-35 REPTON AVENUE NORWICH	MIXED HOUSES & FLATS		NORFOLK
	Edge of Town Residential Zone Total No of Dwellings:		116	
	Survey date: WEDNESDAY		28/09/22	Survey Type: MANUAL
53	NF-03-A-36 LONDON ROAD WYMONDHAM	MIXED HOUSES		NORFOLK
	Edge of Town No Sub Category Total No of Dwellings:		75	
	Survey date: THURSDAY		29/09/22	Survey Type: MANUAL
54	NF-03-A-37 GREENFIELDS ROAD DEREHAM	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total No of Dwellings:		44	
	Survey date: TUESDAY		27/09/22	Survey Type: MANUAL
55	NF-03-A-38 BEAUFORT WAY GREAT YARMOUTH BRADWELL	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total No of Dwellings:		537	
	Survey date: TUESDAY		20/09/22	Survey Type: MANUAL
56	NF-03-A-39 HEATH DRIVE HOLT	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total No of Dwellings:		212	
	Survey date: TUESDAY		27/09/22	Survey Type: MANUAL
57	NF-03-A-47 BURGH ROAD AYLSHAM	MIXED HOUSES & FLATS		NORFOLK
	Edge of Town Residential Zone Total No of Dwellings:		300	
	Survey date: WEDNESDAY		21/09/22	Survey Type: DIRECTIONAL ATC COUNT
58	NF-03-A-51 CITY ROAD NORWICH LAKENHAM	SEMI-DETACHED		NORFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:		34	
	Survey date: TUESDAY		13/09/22	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

59	NF-03-A-52 LYNNSPORT WAY KING'S LYNN	MIXED HOUSES		NORFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 130 Survey date: TUESDAY 07/11/23 Survey Type: MANUAL			
60	NT-03-A-08 WIGHAY ROAD HUCKNALL	DETACHED HOUSES		NOTTINGHAMSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 36 Survey date: MONDAY 18/10/21 Survey Type: MANUAL			
61	NY-03-A-12 RACECOURSE LANE NORTHALLERTON	TOWN HOUSES		NORTH YORKSHIRE
	Edge of Town Centre Residential Zone Total No of Dwellings: 47 Survey date: TUESDAY 27/09/16 Survey Type: MANUAL			
62	NY-03-A-13 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	TERRACED HOUSES		NORTH YORKSHIRE
63	NY-03-A-14 PALACE ROAD RIPON	DETACHED & BUNGALOWS		NORTH YORKSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 45 Survey date: WEDNESDAY 18/05/22 Survey Type: MANUAL			
64	PB-03-A-04 EASTFIELD ROAD PETERBOROUGH	DETACHED HOUSES		PETERBOROUGH
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 28 Survey date: MONDAY 17/10/16 Survey Type: MANUAL			
65	SC-03-A-08 REIGATE ROAD HORLEY	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total No of Dwellings: 790 Survey date: WEDNESDAY 04/05/22 Survey Type: MANUAL			

LIST OF SITES relevant to selection parameters (Cont.)

66	SC-03-A-11 FOLLY HILL FARNHAM	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total No of Dwellings:	96		
	Survey date: TUESDAY	14/05/24	Survey Type: MANUAL	
67	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	
68	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	
69	SF-03-A-10 LOVETOFTS DRIVE IPSWICH WHITEHOUSE	TERRACED & SEMI-DETACHED		SUFFOLK
	Edge of Town Residential Zone Total No of Dwellings:	149		
	Survey date: TUESDAY	22/06/21	Survey Type: MANUAL	
70	SP-03-A-02 BARNFIELD WAY NEAR SOUTHAMPTON HEDGE END	MIXED HOUSES & FLATS		SOUTHAMPTON
	Edge of Town Out of Town Total No of Dwellings:	250		
	Survey date: TUESDAY	12/10/21	Survey Type: MANUAL	
71	ST-03-A-07 BEACONSIDE STAFFORD MARSTON GATE	DETACHED & SEMI-DETACHED		STAFFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	248		
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL	
72	ST-03-A-08 SILKMORE CRESCENT STAFFORD MEADOWCROFT PARK	DETACHED HOUSES		STAFFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	26		
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL	
73	VG-03-A-01 ARTHUR STREET BARRY	SEMI-DETACHED & TERRACED		VALE OF GLAMORGAN
	Edge of Town Residential Zone Total No of Dwellings:	12		
	Survey date: MONDAY	08/05/17	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

74	WB-03-A-03	MIXED HOUSES		WEST BERKSHIRE
	DORKING WAY			
	READING			
	CALCOT			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	108		
	Survey date: FRIDAY	09/09/22	Survey Type: MANUAL	
75	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	
76	WK-03-A-04	DETACHED HOUSES		WARWICKSHIRE
	DALEHOUSE LANE			
	KENILWORTH			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	49		
	Survey date: FRIDAY	27/09/19	Survey Type: MANUAL	
77	WM-03-A-05	TERRACED & DETACHED		WEST MIDLANDS
	COUNDON ROAD			
	COVENTRY			
	Edge of Town Centre			
	Residential Zone			
	Total No of Dwellings:	89		
	Survey date: MONDAY	21/11/16	Survey Type: MANUAL	
78	WO-03-A-07	MIXED HOUSES & FLATS		WORCESTERSHIRE
	RYE GRASS LANE			
	REDDITCH			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	47		
	Survey date: THURSDAY	01/10/20	Survey Type: MANUAL	
79	WS-03-A-08	MIXED HOUSES		WEST SUSSEX
	ROUNDSTONE LANE			
	ANGMERING			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	180		
	Survey date: THURSDAY	19/04/18	Survey Type: MANUAL	
80	WS-03-A-11	MIXED HOUSES		WEST SUSSEX
	ELLIS ROAD			
	WEST HORSHAM			
	S BROADBRIDGE HEATH			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	918		
	Survey date: TUESDAY	02/04/19	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

81	WS-03-A-12	MIXED HOUSES	WEST SUSSEX
	MADGWICK LANE		
	CHICHESTER		
	WESTHAMPNETT		
	Edge of Town		
	Village		
	Total No of Dwellings:	152	
	Survey date: WEDNESDAY	16/06/21	Survey Type: MANUAL
82	WS-03-A-13	MIXED HOUSES & FLATS	WEST SUSSEX
	LITTLEHAMPTON ROAD		
	WORTHING		
	WEST DURRINGTON		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	197	
	Survey date: WEDNESDAY	23/06/21	Survey Type: MANUAL
83	WS-03-A-14	MIXED HOUSES	WEST SUSSEX
	TODDINGTON LANE		
	LITTLEHAMPTON		
	WICK		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	117	
	Survey date: WEDNESDAY	20/10/21	Survey Type: MANUAL
84	WS-03-A-22	MIXED HOUSES & FLATS	WEST SUSSEX
	SHOPWHYKE ROAD		
	CHICHESTER		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	129	
	Survey date: TUESDAY	19/03/24	Survey Type: MANUAL
85	WS-03-A-23	MIXED HOUSES & FLATS	WEST SUSSEX
	TURNERS HILL ROAD		
	EAST GRINSTEAD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	197	
	Survey date: TUESDAY	14/05/24	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.

IMA Transport Planning Kingsmead Square Bath

Licence No: 527501

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	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	85	168	0.074	85	168	0.294	85	168	0.368
08:00 - 09:00	85	168	0.146	85	168	0.372	85	168	0.518
09:00 - 10:00	85	168	0.126	85	168	0.156	85	168	0.282
10:00 - 11:00	85	168	0.113	85	168	0.135	85	168	0.248
11:00 - 12:00	85	168	0.122	85	168	0.129	85	168	0.251
12:00 - 13:00	85	168	0.141	85	168	0.139	85	168	0.280
13:00 - 14:00	85	168	0.146	85	168	0.136	85	168	0.282
14:00 - 15:00	85	168	0.151	85	168	0.173	85	168	0.324
15:00 - 16:00	85	168	0.249	85	168	0.164	85	168	0.413
16:00 - 17:00	85	168	0.265	85	168	0.153	85	168	0.418
17:00 - 18:00	85	168	0.340	85	168	0.157	85	168	0.497
18:00 - 19:00	85	168	0.270	85	168	0.144	85	168	0.414
19:00 - 20:00	1	97	0.062	1	97	0.052	1	97	0.114
20:00 - 21:00	1	97	0.031	1	97	0.021	1	97	0.052
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.236			2.225			4.461

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected: 8 - 1146 (units:)
 Survey date range: 01/01/16 - 14/05/24
 Number of weekdays (Monday-Friday): 85
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 55
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.