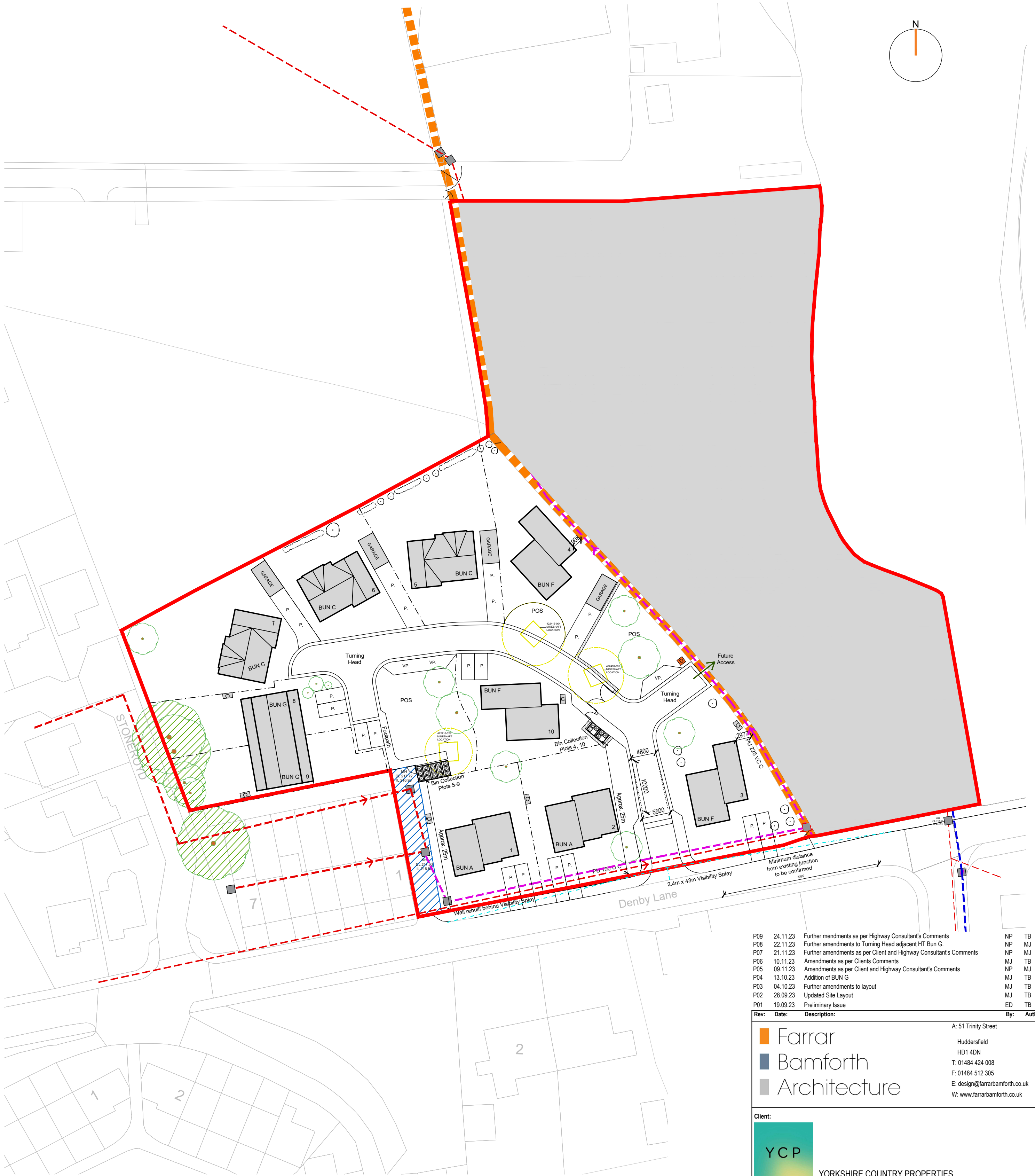


APPENDICES

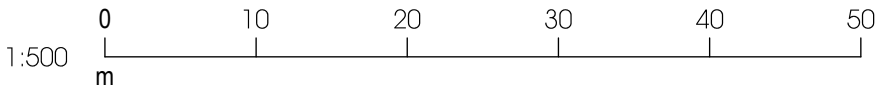
APPENDIX A: Proposed Development Layout



1 Proposed Site Layout

1 : 500

- KEY
- Existing Trees
 - Public Footpath 1.5m wide
 - Combined Sewer
 - Relocated Combined Sewer
 - Surface Water
 - Abandoned Surface Water
 - Underground Electric Cables
 - Visibility Splay
 - Shared Access
 - Shaft - backfilled
 - Shaft - capped
 - Man Hole
 - Defibrillator
 - Household Wheelie Bin
 - Coursed Stone Wall (Low Level)
 - Secure Cycle Locker



P09	24.11.23	Further amendments as per Highway Consultant's Comments	NP	TB
P08	22.11.23	Further amendments to Turning Head adjacent HT Bun G.	NP	MJ
P07	21.11.23	Further amendments as per Client and Highway Consultant's Comments	NP	MJ
P06	10.11.23	Amendments as per Clients Comments	MJ	TB
P05	09.11.23	Amendments as per Client and Highway Consultant's Comments	NP	MJ
P04	13.10.23	Addition of BUN G	MJ	TB
P03	04.10.23	Further amendments to layout	MJ	TB
P02	28.09.23	Updated Site Layout	MJ	TB
P01	19.09.23	Preliminary Issue	ED	TB

Rev:	Date:	Description:	By:	Auth:

Farrar

Bamforth

Architecture

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Client:
YCP YORKSHIRE COUNTRY PROPERTIES

Project Name:
RESIDENTIAL DEVELOPMENT

Project Address:
DENBY LANE, GRANGE MOOR

Reference:

Project	Originator	Functional	Spatial	Form	Discipline	Number
22D26	FBA	ZZ	XX	DR	A	0708

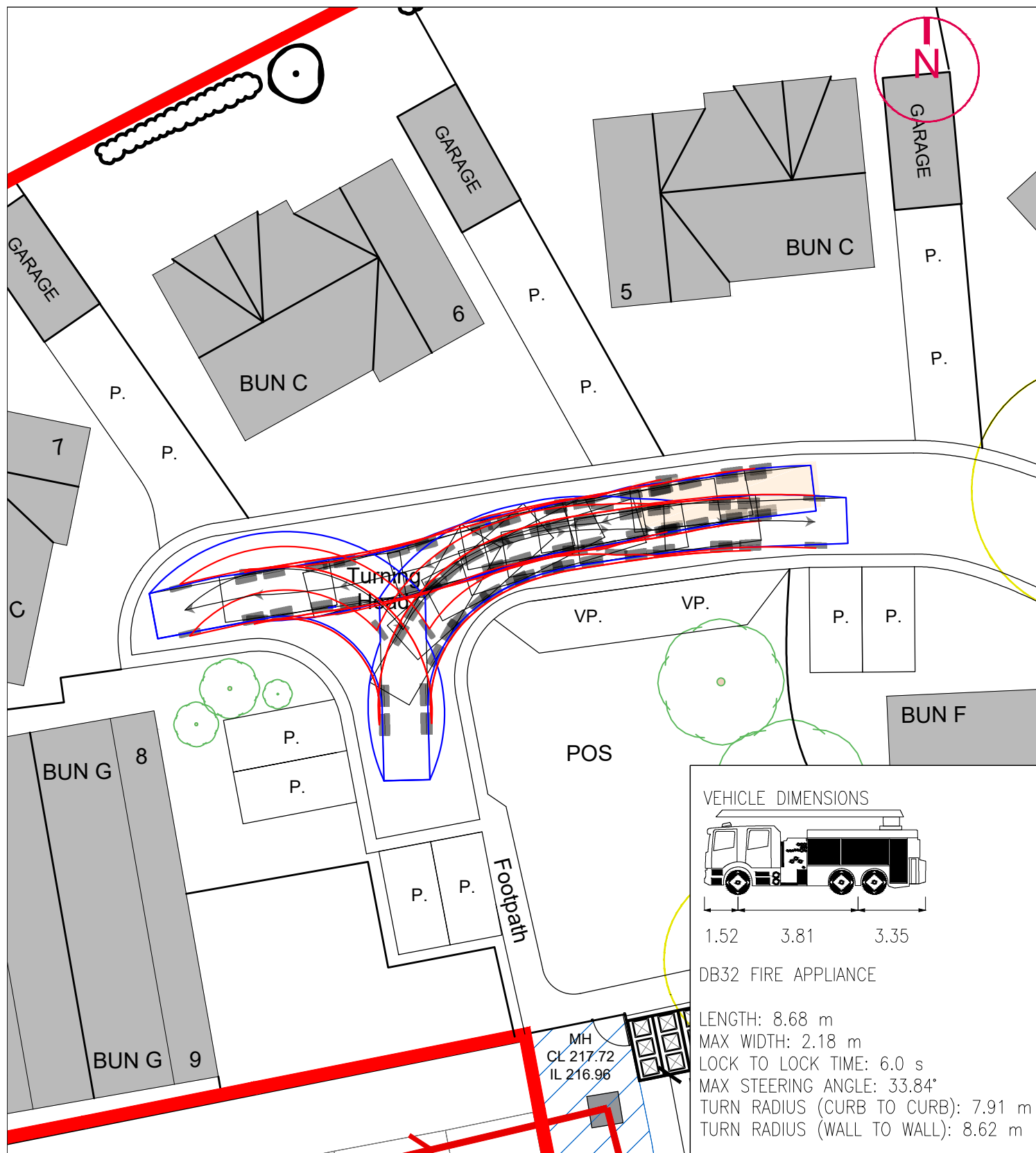
Title:
SITE LAYOUT - PHASE 1

Status:	Code	Description	Revision:	Code
	A3	DEVELOPED DESIGN		P09

Created By:	Authorised By:	Date:	Scale at A2:
ED	TB	OCT 23	1:500

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APPENDIX B: Site Location Plan and Swept Path Analysis



NOTES

1. THIS DRAWING SHOWS THE PRELIMINARY LAYOUT ONLY (NOT TO BE USED FOR CONSTRUCTION) AND IS SUBJECT TO DETAILED DESIGN, FULL CDM COMPLIANCE, STATUTORY UNDERTAKERS SEARCH/DIVERSION REQUIREMENTS, HIGHWAY DRAINAGE PROVISION, LAND OWNERSHIP AND LOCAL AUTHORITY APPROVAL.

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GRANGE MOOR,
SWEPT PATH ANALYSIS

SCALE: 1:250 @A4

DATE: NOVEMBER 2023

DRAWING NUMBER: 2310202

APPENDIX C: TRICS Data

Calculation Reference: AUDIT-407201-231017-1002

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
	MW MEDWAY	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	BY BARNSELEY	1 days
	SE SHEFFIELD	1 days

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

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 25 (units:)
Range Selected by User: 5 to 30 (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 09/11/22

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:

Wednesday 2 days
Thursday 1 days
Friday 1 days

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

Selected survey types:

Manual count 4 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:

Neighbourhood Centre (PPS6 Local Centre) 4

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:

Village 4

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 1 days - Selected
Servicing vehicles Excluded 3 days - Selected

Secondary Filtering selection:

Use Class:

C3 4 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:
1,001 to 5,000 4 days

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

Population within 5 miles:
25,001 to 50,000 1 days
125,001 to 250,000 2 days
500,001 or More 1 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 1 days
1.1 to 1.5 2 days
1.6 to 2.0 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:
Yes 1 days
No 3 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 4 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	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
2	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 EAST SUSSEX	Survey Type: MANUAL
3	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
4	SE-03-A-01 MANOR ROAD NEAR SHEFFIELD WALES Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 25 Survey date: THURSDAY 10/09/20	DETACHED & BUNGALOWS SHEFFIELD	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.

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	4	16	0.109	4	16	0.297	4	16	0.406
08:00 - 09:00	4	16	0.172	4	16	0.359	4	16	0.531
09:00 - 10:00	4	16	0.141	4	16	0.250	4	16	0.391
10:00 - 11:00	4	16	0.234	4	16	0.219	4	16	0.453
11:00 - 12:00	4	16	0.266	4	16	0.188	4	16	0.454
12:00 - 13:00	4	16	0.250	4	16	0.141	4	16	0.391
13:00 - 14:00	4	16	0.234	4	16	0.234	4	16	0.468
14:00 - 15:00	4	16	0.203	4	16	0.203	4	16	0.406
15:00 - 16:00	4	16	0.234	4	16	0.156	4	16	0.390
16:00 - 17:00	4	16	0.250	4	16	0.266	4	16	0.516
17:00 - 18:00	4	16	0.297	4	16	0.188	4	16	0.485
18:00 - 19:00	4	16	0.438	4	16	0.281	4	16	0.719
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.828			2.782			5.610

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:
Survey date date range:
Number of weekdays (Monday-Friday):
Number of Saturdays:
Number of Sundays:
Surveys automatically removed from selection:
Surveys manually removed from selection:

8 - 25 (units:)
01/01/15 - 09/11/22
4
0
0
0
0

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