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Land off Butterstile Close Prestwich M25 9RS

Transport Statement

Final Report for:



March 2022

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Infrastructure Highways Transport

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APPENDIX A – PROPOSED SITE PLAN

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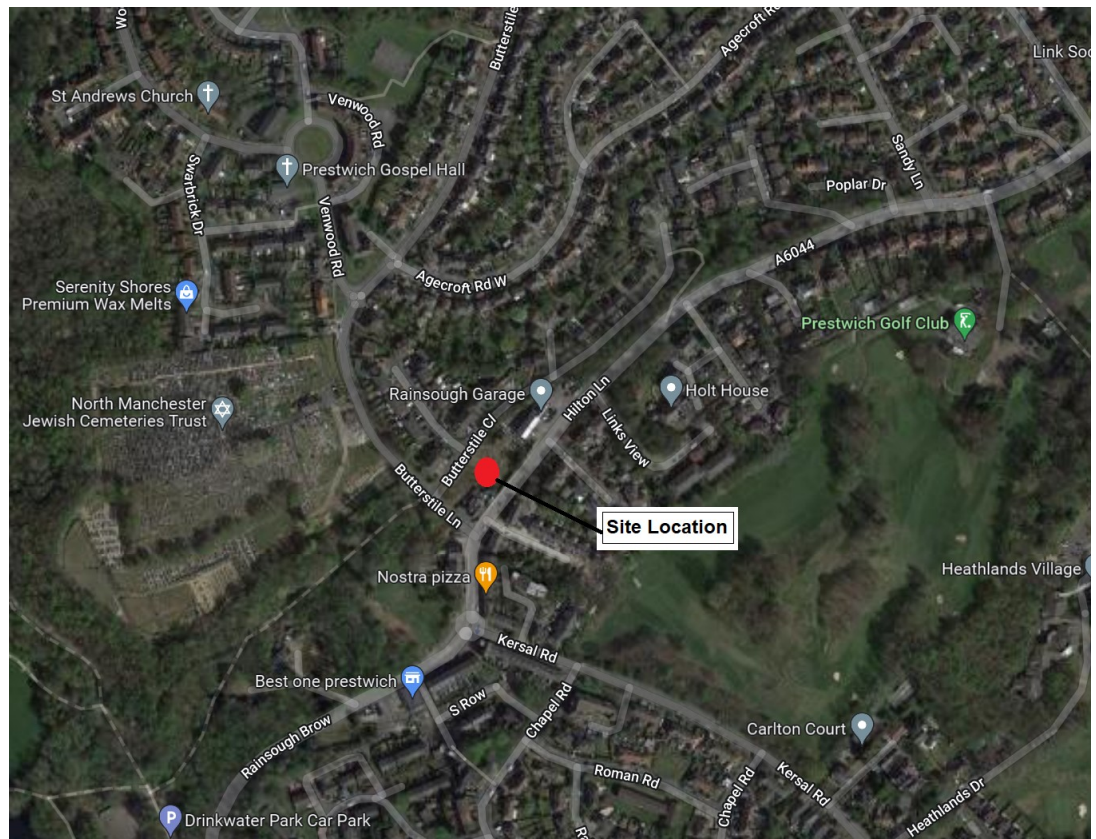
APPENDIX C – TRICS DATA

1.0 INTRODUCTION

1.1 Overview

- 1.1.1 NC Architecture have instructed Cora IHT to prepare a Transport Statement [TS] for a proposed residential development on land between Butterstile Close & Hilton Lane, Prestwich, Manchester, M25 9RS.
- 1.1.2 The site location is illustrated in **Figure 1.1**.

Figure 1.1: Site Location



- 1.1.3 This TS has been prepared in accordance with National Planning Policy Framework and Planning Policy Guidance: Travel Plans, Transport Assessments and Statements in Decision-Taking. It sets out the transport matters relating to the development site and provides details of the development proposals, including an assessment of the predicted traffic flows, the corresponding impact on the surrounding highway network and matters associated with accessibility and connectivity.

1.2.1 Following this brief introduction:

- Section 2 describes the site location.
- Section 3 then describes the development proposals.
- Section 4 provides an assessment of the trip generation.
- The summary and conclusion are set out in Section 5.

2.0 SITE DESCRIPTION

2.1 Existing Site

- 2.1.1 The Application Site is currently vacant, following the demolition of a dilapidated bungalow in 2018. It is surrounded by a temporary wooden hoarding on Butterstile Close and Butterstile Lane and by the stone retaining wall on the Hilton Lane side.
- 2.1.2 The site held permission for the erection of eight dwellings under two separate Planning approvals (refs. 59765 & 61584), however both permissions have since expired. The first Application, submitted in 2016 (ref. 59765), proposed five dwellings accessed off Butterstile Close via a new access and the second Application, submitted in 2017 (ref. 61584), gained permission for a further three terrace houses.
- 2.1.3 The adopted highway plan is provided in **Figure 2.1**.

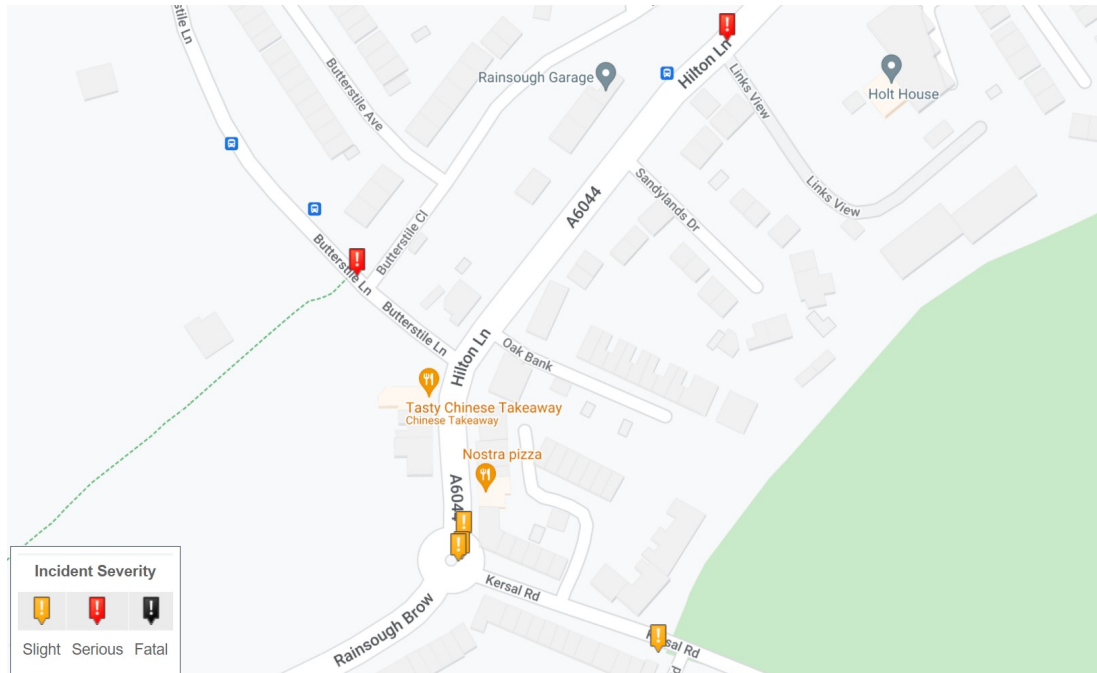
Figure 2.1: Adopted Highway Plan



2.2 Accident Analysis

2.2.1 Accident data has been obtained from the Crashmap website (<http://www.crashmap.co.uk>) for the period of 2017-2021. **Figure 2.2** shows an extract of the accident plot.

Figure 2.2: Crashmap Accident Plan



2.2.2 As shown in **Figure 2.7**, there was 1 accident at the Butterstile Lane / Butterstile Close junction.

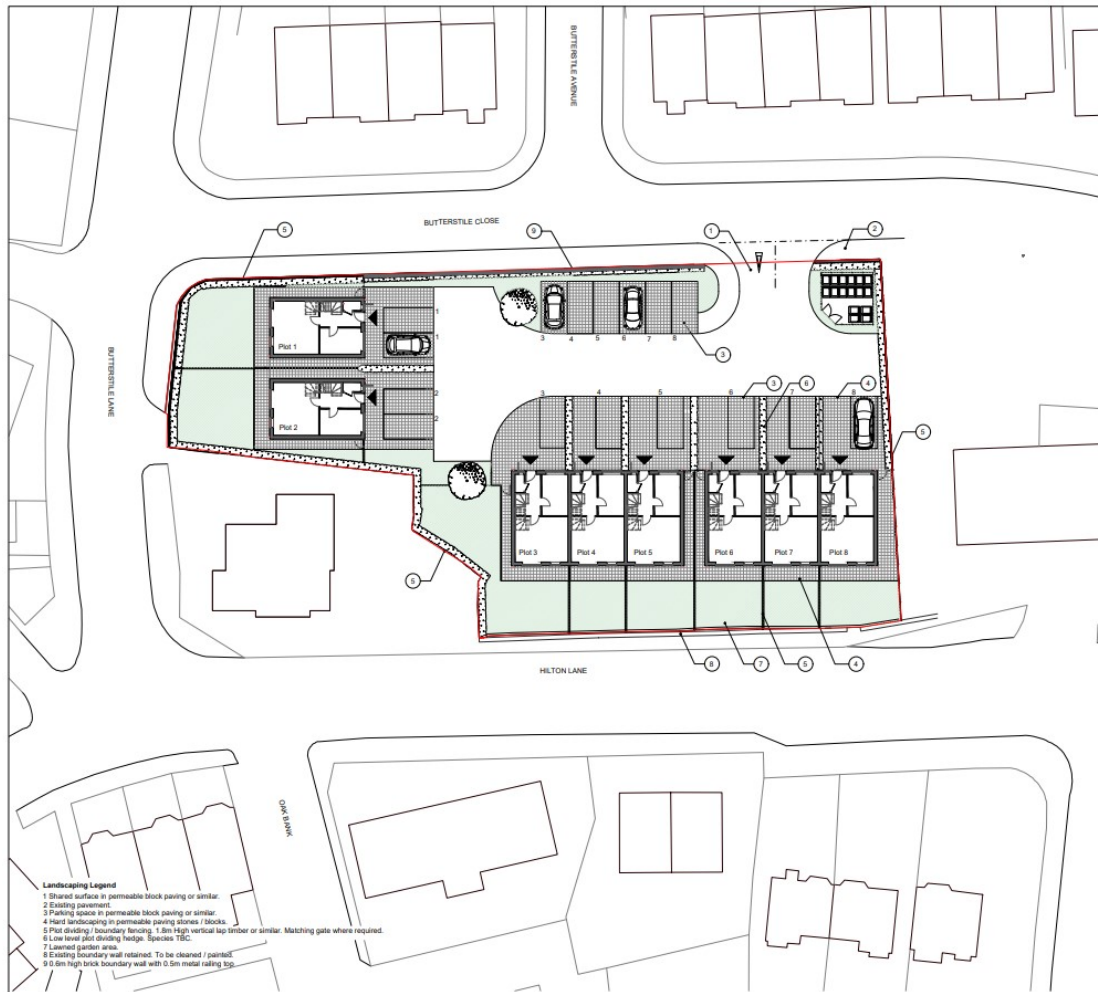
2.2.3 It can be deduced that the recorded accident data within the vicinity of the site does not indicate any existing highway safety patterns or problems, therefore, further detailed accident analysis is not required.

3.0 PROPOSED DEVELOPMENT

3.1 Proposed Development

- 3.1.1 The proposed development consists of 8 residential units.
- 3.1.2 The car parking layout is configured to provide 16 car parking spaces at the Site which equates to 2 car parking space per residential unit.
- 3.1.3 **Figure 3.1** shows an extract of the proposed ground floor plan. **Appendix A** provides the full site layout and accommodation schedule.

Figure 3.1: Proposed Ground Floor Plan



3.2 Servicing and Waste Management

- 3.2.1 There is a bin storage area to the northeast corner of the site which can be collected from Butterstile Close, therefore, no refuse vehicles will enter the site.

3.3 Access

- 3.3.1 The vehicular access to the site is proposed from an existing access off Butterstile Close which will be improved to 5.5m wide.
- 3.3.2 Butterstile Close is subject to a 20mph speed limit, therefore, visibility splays of 2.4m x 25m is required. It can be confirmed that the proposed access conforms to these standards and any vegetation will be cleared to allow the visibility splays to be provided.
- 3.3.3 It can also be confirmed that the land between the adopted highway and red line boundary along the northeast visibility splay is within the applicant's right of way reserved by Title.
- 3.3.4 **Figure 3.2** shows an extract of the proposed access arrangement and visibility splays. **Appendix B** provides the full access drawing.

Figure 3.2: Proposed Access Arrangement



4.0 TRIP ASSESSMENT

4.1 Introduction

- 4.1.1 This section of the report considers the trip generations associated with the proposed development.

4.2 Development Trips

- 4.2.1 To identify the trip generation associated with the proposed development, the TRICS database the TRICS database "Houses Privately Owned" has been utilised based on the total apartment unit number. **Table 4.1** summarises the trip rates and generations associated with the proposed 8 apartments. The TRICS outputs are provided in **Appendix C**.

Table 4.1: Estimated Residential Development Trip

	Morning Peak (08:00-09:00)			Evening Peak (17:00-18:00)		
	Arr	Dep	Total	Arr	Dep	Total
Trip Rates	0.057	0.165	0.222	0.155	0.087	0.242
Proposed Trips	1	3	4	3	2	5

- 4.2.2 **Table 4.1** shows that the total trips associated with the proposed development would be minimal.
- 4.2.3 The National Planning Policy Framework [NPPF] (paragraph 111) states that
"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe."
- 4.2.4 The traffic analysis shows that the proposed development will not have a severe impact on the local highway network.

5.0 SUMMARY AND CONCLUSION

5.1 Summary

- 5.1.1 NC Architecture have instructed Cora IHT to prepare a Transport Statement for a proposed residential development on land between Butterstile Close & Hilton Lane, Prestwich, Manchester, M25 9RS.
- 5.1.2 The site held permission for the erection of eight dwellings under two separate Planning approvals (refs. 59765 & 61584), however both permissions have since expired. The first Application, submitted in 2016 (ref. 59765), proposed five dwellings accessed off Butterstile Close via a new access and the second Application, submitted in 2017 (ref. 61584), gained permission for a further three terrace houses.
- 5.1.3 The proposed development consists of 8 residential units.
- 5.1.4 The car parking layout is configured to provide 16 car parking spaces at the Site which equates to 2 car parking space per residential unit.
- 5.1.5 There is a bin storage area to the northeast corner of the site which can be collected from Butterstile Close, therefore, no refuse vehicles will enter the site.
- 5.1.6 The vehicular access to the site is proposed from an existing access off Butterstile Close which will be improved to 5.5m wide.
- 5.1.7 Butterstile Close is subject to a 20mph speed limit, therefore, visibility splays of 2.4m x 25m is required. It can be confirmed that the proposed access conforms to these standards and any vegetation will be cleared to allow the visibility splays to be provided.
- 5.1.8 It can also be confirmed that the land between the adopted highway and red line boundary along the northeast visibility splay is within the applicant's right of way reserved by Title.
- 5.1.9 The recorded accident data within the vicinity of the site does not indicate any existing highway safety patterns or problems
- 5.1.10 The total trips associated with the proposed development would be minimal.
- 5.1.11 The National Planning Policy Framework [NPPF] (paragraph 111) states that
"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe."
- 5.1.12 The traffic analysis shows that the proposed development will not have a severe impact on the local highway network.

5.2 Conclusion

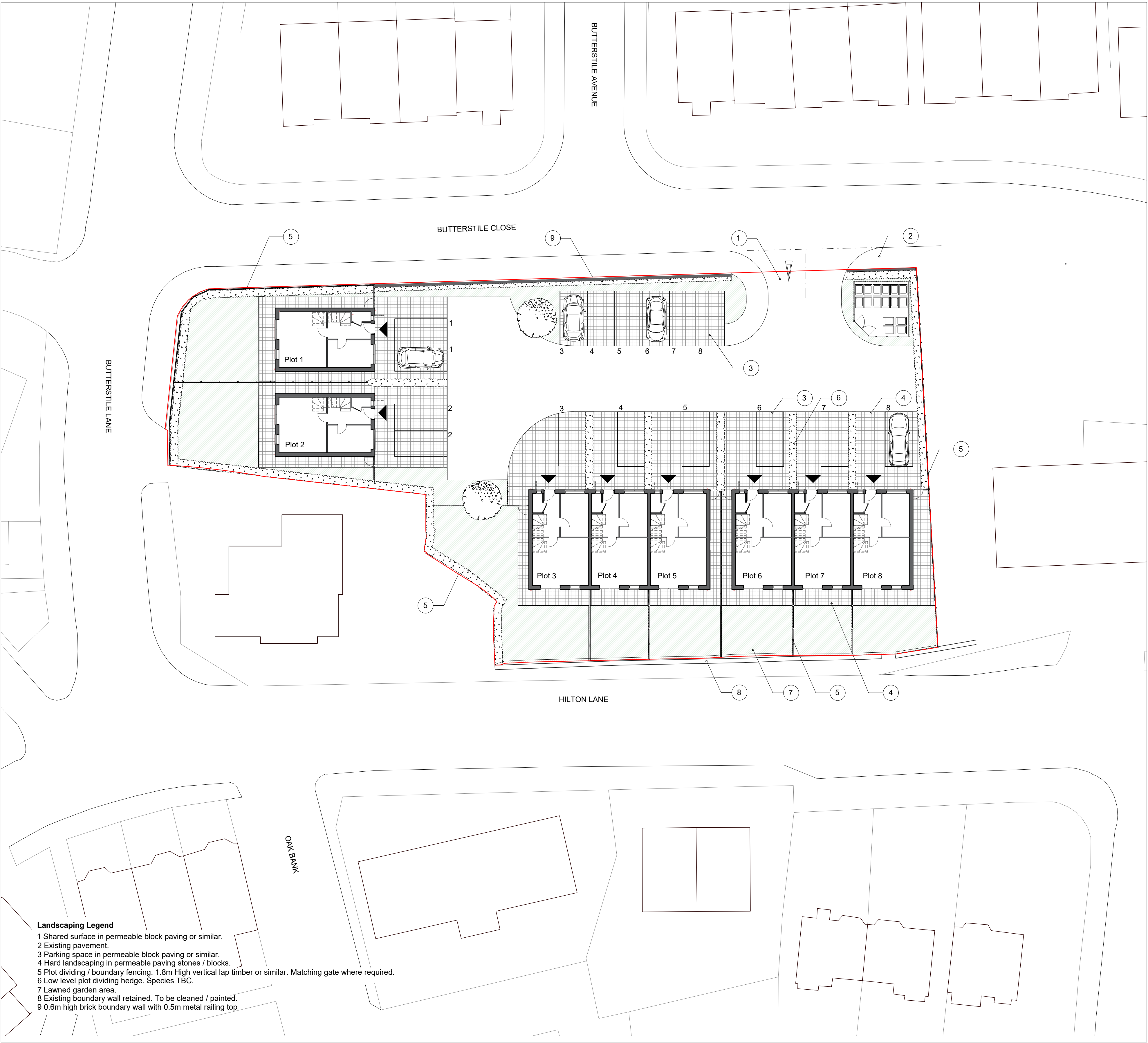
- 5.2.1 It is concluded that the development proposals are acceptable in highways and transportation terms. There are no highways or transportation-related reasons upon which a refusal of the planning application for the proposals would be justified.

APPENDICES

APPENDIX A – PROPOSED SITE PLAN

PLANNING

REV	DESCRIPTION	INTL	CHK	DATE
A	for client comment	MV	TW	14.10.21
B	layout amended	MV	TW	15.10.21
C	planning issue	MV	TW	22.10.21
D	amended following LPA comments	ML	TW	01.03.22



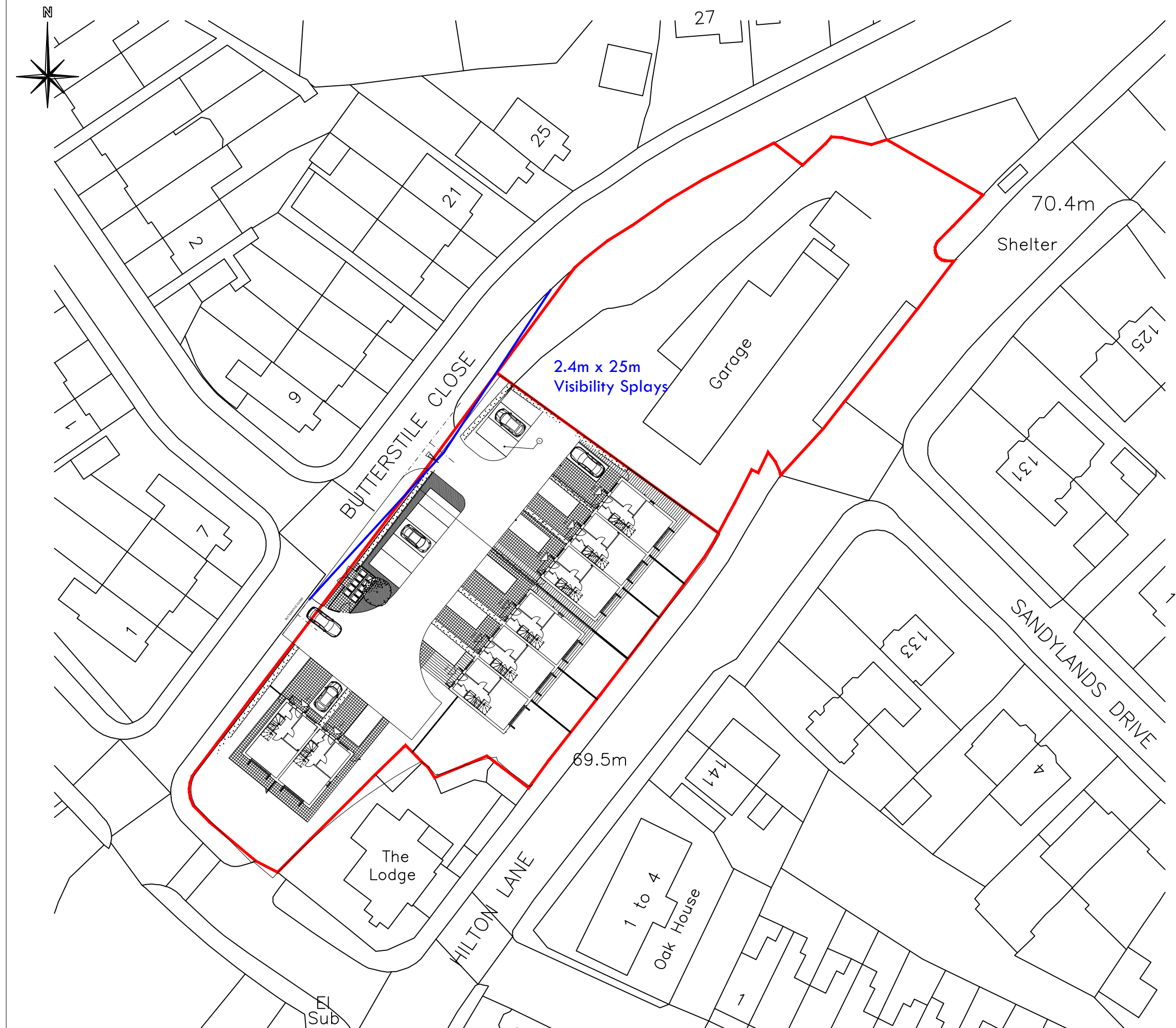
Landscaping Legend

- 1 Shared surface in permeable block paving or similar.
- 2 Existing pavement.
- 3 Parking space in permeable block paving or similar.
- 4 Hard landscaping in permeable paving stones / blocks.
- 5 Plot dividing / boundary fencing, 1.8m High vertical lap timber or similar. Matching gate where required.
- 6 Low level plot dividing hedge. Species TBC.
- 7 Lawned garden area.
- 8 Existing boundary wall retained. To be cleaned / painted.
- 9 0.6m high brick boundary wall with 0.5m metal railing top



1:200

APPENDIX B – PROPOSED SITE ACCESS



- Notes:**
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications. This drawing is copyright.

Rev	Date	Description		Ckd By
Cora iHt Adamson House, Towers Business Park Wilmslow Road Manchester M20 2YY Tel: 0161 955 4422 Email: manchester@coraiht.com Web: www.coraiht.com				
Client				
NC Architecture				
Project				
Butterstile Close Prestwich				
Title				
Proposed Access Arrangement				
Drawing Status				
Job No.				
16-2096				
Drawn MC	Checked TC	Scale at A3 1:500	Date 22/03/22	Issue Date -
Drawing No.				
001				-

APPENDIX C – TRICS DATA

CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

Calculation Reference: AUDIT-662801-220322-0342

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BD BEDFORDSHIRE	1 days
	ES EAST SUSSEX	1 days
	HF HERTFORDSHIRE	1 days
	KC KENT	2 days
03	SOUTH WEST	
	DC DORSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	2 days
	WK WARWICKSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	3 days
	SY SOUTH YORKSHIRE	2 days
08	NORTH WEST	
	CH CHESHIRE	2 days
	LC LANCASHIRE	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days

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

CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

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 30 (units:)
Range Selected by User: 6 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: 01/01/13 to 16/06/21

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	6 days
Tuesday	1 days
Wednesday	10 days
Thursday	6 days
Friday	4 days

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

Selected survey types:

Manual count	26 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:

Edge of Town Centre	3
Suburban Area (PPS6 Out of Centre)	8
Edge of Town	12
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:

Residential Zone	22
Village	4
No Sub Category	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.

Secondary Filtering selection:

Use Class:

C3 27 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 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	6 days
5,001 to 10,000	5 days
10,001 to 15,000	7 days
15,001 to 20,000	1 days
20,001 to 25,000	3 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	2 days
25,001 to 50,000	3 days
50,001 to 75,000	3 days
75,001 to 100,000	3 days
125,001 to 250,000	8 days
250,001 to 500,000	7 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:

0.5 or Less	1 days
0.6 to 1.0	11 days
1.1 to 1.5	14 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	4 days
No	23 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	27 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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CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

LIST OF SITES relevant to selection parameters

1	BD-03-A-03 CARNOUSTIE DRIVE BEDFORD GREAT DENHAM Edge of Town Residential Zone Total No of Dwellings: Survey date: THURSDAY	DETACHED HOUSES 30 15/10/20	BEDFORDSHIRE Survey Type: MANUAL
2	CA-03-A-05 EASTFIELD ROAD PETERBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: MONDAY	DETACHED HOUSES 28 17/10/16	CAMBRIDGESHIRE Survey Type: MANUAL
3	CH-03-A-09 GREYSTOKE ROAD MACCLESFIELD HURDSFIELD Edge of Town Residential Zone Total No of Dwellings: Survey date: MONDAY	TERRACED HOUSES 24 24/11/14	CHESHIRE Survey Type: MANUAL
4	CH-03-A-11 LONDON ROAD NORTHWICH LEFTWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: THURSDAY	TOWN HOUSES 24 06/06/19	CHESHIRE Survey Type: MANUAL
5	DC-03-A-08 HURSTDENE ROAD BOURNEMOUTH CASTLE LANE WEST Edge of Town Residential Zone Total No of Dwellings: Survey date: MONDAY	BUNGALOWS 28 24/03/14	DORSET Survey Type: MANUAL
6	ES-03-A-06 BISHOPS LANE RINGMER Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: Survey date: WEDNESDAY	MIXED HOUSES 12 16/06/21	EAST SUSSEX Survey Type: MANUAL
7	HF-03-A-04 HOLMSIDE RISE WATFORD SOUTH OXHEY Edge of Town Residential Zone Total No of Dwellings: Survey date: TUESDAY	TERRACED HOUSES 8 08/06/21	HERTFORDSHIRE Survey Type: MANUAL
8	KC-03-A-05 ROCHESTER ROAD NEAR CHATHAM BURHAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: Survey date: FRIDAY	DETACHED & SEMI-DETACHED 8 22/09/17	KENT Survey Type: MANUAL

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LIST OF SITES relevant to selection parameters (Cont.)

9	KC-03-A-09 WESTERN LINK FAVERSHAM DAVINGTON Edge of Town Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	MIXED HOUSES & FLATS 14 09/06/21	KENT Survey Type: MANUAL
10	LC-03-A-30 WATSON ROAD BLACKPOOL Edge of Town Centre Residential Zone Total No of Dwellings: Survey date: FRIDAY	SEMI-DETACHED 24 14/06/13	LANCASHIRE Survey Type: MANUAL
11	LN-03-A-04 EGERTON ROAD LINCOLN Edge of Town Centre Residential Zone Total No of Dwellings: Survey date: MONDAY	DETACHED & SEMI-DETACHED 30 29/06/15	LINCOLNSHIRE Survey Type: MANUAL
12	MS-03-A-03 BEMPTON ROAD LIVERPOOL OTTERSPOOL Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: FRIDAY	DETACHED 15 21/06/13	MERSEYSIDE Survey Type: MANUAL
13	NF-03-A-03 HALING WAY THETFORD Edge of Town Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	DETACHED HOUSES 10 16/09/15	NORFOLK Survey Type: MANUAL
14	NF-03-A-10 HUNSTANTON ROAD HUNSTANTON Edge of Town Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	MIXED HOUSES & FLATS 17 12/09/18	NORFOLK Survey Type: DIRECTIONAL ATC COUNT
15	NY-03-A-08 NICHOLAS STREET YORK Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: MONDAY	TERRACED HOUSES 21 16/09/13	NORTH YORKSHIRE Survey Type: MANUAL
16	NY-03-A-11 HORSEFAIR BOROUGHBRIDGE Edge of Town Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	PRIVATE HOUSING 23 18/09/13	NORTH YORKSHIRE Survey Type: MANUAL

CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

LIST OF SITES relevant to selection parameters (Cont.)

17	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	
18	SF-03-A-05	DETACHED HOUSES		SUFFOLK
	VALE LANE			
	BURY ST EDMUNDS			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	18		
	Survey date: WEDNESDAY	09/09/15	Survey Type: MANUAL	
19	SH-03-A-06	BUNGALOWS		SHROPSHIRE
	ELLESMERE ROAD			
	SHREWSBURY			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	16		
	Survey date: THURSDAY	22/05/14	Survey Type: MANUAL	
20	ST-03-A-06	SEMI-DET. & TERRACED		STAFFORDSHIRE
	STANFORD ROAD			
	WOLVERHAMPTON			
	BLAKENHALL			
	Edge of Town Centre			
	No Sub Category			
	Total No of Dwellings:	17		
	Survey date: FRIDAY	09/05/14	Survey Type: MANUAL	
21	ST-03-A-08	DETACHED HOUSES		STAFFORDSHIRE
	SILKMORE CRESCENT			
	STAFFORD			
	MEADOWCROFT PARK			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	26		
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL	
22	SY-03-A-02	DETACHED & BUNGALOWS		SOUTH YORKSHIRE
	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	
23	SY-03-A-03	BUNGALOWS & DETACHED		SOUTH YORKSHIRE
	CHURCH LANE			
	NEAR BARNSELY			
	WORSBROUGH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Village			
	Total No of Dwellings:	19		
	Survey date: WEDNESDAY	09/09/20	Survey Type: MANUAL	
24	TW-03-A-02	SEMI-DETACHED		TYNE & WEAR
	WEST PARK ROAD			
	GATESHEAD			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:	16		
	Survey date: MONDAY	07/10/13	Survey Type: MANUAL	

CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

LIST OF SITES relevant to selection parameters (Cont.)

25	WK-03-A-02	BUNGALOWS		WARWICKSHIRE
	NARBERTH WAY			
	COVENTRY			
	POTTERS GREEN			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	17		
	Survey date: THURSDAY	17/10/13	Survey Type: MANUAL	
26	WK-03-A-03	DETACHED HOUSES		WARWICKSHIRE
	BRESE AVENUE			
	WARWICK			
	GUYS CLIFFE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:	23		
	Survey date: WEDNESDAY	25/09/19	Survey Type: MANUAL	
27	WL-03-A-02	SEMI DETACHED		WILTSHIRE
	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	

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.

CORA IHT WILMSLOW ROAD MANCHESTER

Licence No: 662801

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	27	20	0.100	27	20	0.279	27	20	0.379
08:00 - 09:00	27	20	0.183	27	20	0.374	27	20	0.557
09:00 - 10:00	27	20	0.142	27	20	0.202	27	20	0.344
10:00 - 11:00	27	20	0.187	27	20	0.187	27	20	0.374
11:00 - 12:00	27	20	0.185	27	20	0.191	27	20	0.376
12:00 - 13:00	27	20	0.245	27	20	0.192	27	20	0.437
13:00 - 14:00	27	20	0.215	27	20	0.202	27	20	0.417
14:00 - 15:00	27	20	0.196	27	20	0.236	27	20	0.432
15:00 - 16:00	27	20	0.291	27	20	0.240	27	20	0.531
16:00 - 17:00	27	20	0.275	27	20	0.198	27	20	0.473
17:00 - 18:00	27	20	0.309	27	20	0.202	27	20	0.511
18:00 - 19:00	27	20	0.279	27	20	0.172	27	20	0.451
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.607			2.675			5.282

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: 8 - 30 (units:)
 Survey date range: 01/01/13 - 16/06/21
 Number of weekdays (Monday-Friday): 27
 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.

