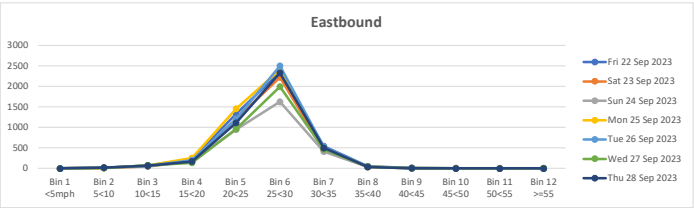


Cuckfield ATC, Hanlye Lane

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Fri 22 Sep 2023	4590	30.6	26.0	4.4	0	13	75	223	1332	2345	538	51	10	2	1	0
Sat 23 Sep 2023	4164	30.4	26.0	4.2	0	12	50	181	1207	2222	448	35	5	3	0	1
Sun 24 Sep 2023	3244	30.6	26.0	4.4	0	8	53	165	945	1624	409	36	3	0	0	1
Mon 25 Sep 2023	4727	30.3	25.8	4.3	0	9	69	249	1451	2402	498	39	9	0	0	1
Tue 26 Sep 2023	4556	30.6	26.2	4.3	0	17	64	197	1204	2497	524	43	10	0	0	0
Wed 27 Sep 2023	3685	30.8	26.3	4.4	0	8	72	132	964	1994	464	41	6	3	0	1
Thu 28 Sep 2023	4228	30.5	26.1	4.2	0	19	62	171	1113	2331	498	32	2	0	0	0
5 Day Ave.	4357	30.5	26.1	4.3	0	13	68	194	1213	2314	504	41	7	1	0	0
7 Day Ave.	4171	30.5	26.1	4.3	0	12	64	188	1174	2202	483	40	6	1	0	1

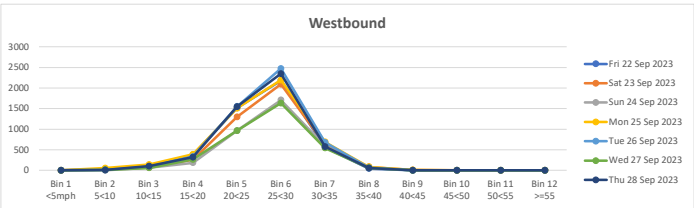
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Fri 22 Sep 2023	4796	30.3	25.4	4.7	0	24	90	376	1516	2182	561	45	2	0	0	0
Sat 23 Sep 2023	4465	31.0	26.1	4.7	0	19	74	261	1299	2091	627	85	8	0	0	1
Sun 24 Sep 2023	3587	31.2	26.4	4.6	0	4	68	184	963	1708	593	63	4	0	0	0
Mon 25 Sep 2023	5082	30.9	25.5	5.2	0	55	144	393	1513	2196	690	85	6	0	0	0
Tue 26 Sep 2023	5213	30.6	25.8	4.5	0	12	91	338	1552	2474	678	63	5	0	0	0
Wed 27 Sep 2023	3547	31.1	26.0	4.9	0	14	61	266	964	1635	541	60	3	0	1	2
Thu 28 Sep 2023	4967	30.3	25.6	4.5	0	12	102	322	1548	2348	579	54	2	0	0	0
5 Day Ave.	4721	30.6	25.7	4.8	0	23	98	339	1419	2167	610	61	4	0	0	0
7 Day Ave.	4522	30.7	25.8	4.7	0	20	90	306	1336	2091	610	65	4	0	0	0

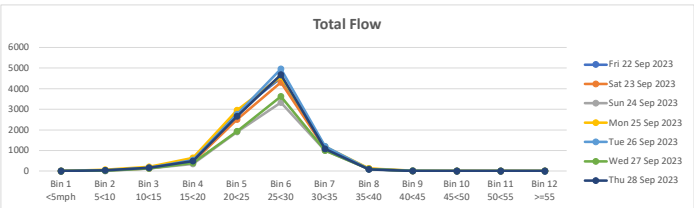
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Fri 22 Sep 2023	9386	30.4	25.7	4.6	0	37	165	599	2848	4527	1099	96	12	2	1	0
Sat 23 Sep 2023	8629	30.7	26.0	4.5	0	31	124	442	2506	4313	1075	120	13	3	0	2
Sun 24 Sep 2023	6831	30.9	26.2	4.5	0	12	121	349	1908	3332	1002	99	7	0	0	1
Mon 25 Sep 2023	9809	30.6	25.6	4.8	0	64	213	642	2964	4598	1188	124	15	0	0	1
Tue 26 Sep 2023	9769	30.6	26.0	4.4	0	29	155	535	2756	4971	1202	106	15	0	0	0
Wed 27 Sep 2023	7232	31.0	26.2	4.6	0	22	133	398	1928	3629	1005	101	9	3	1	3
Thu 28 Sep 2023	9195	30.4	25.9	4.4	0	31	164	493	2661	4679	1077	86	4	0	0	0
5 Day Ave.	9078	30.6	25.9	4.6	0	37	166	533	2631	4481	1114	103	11	1	0	1
7 Day Ave.	8693	30.7	25.9	4.5	0	32	154	494	2510	4293	1093	105	11	1	0	1

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Appendix F

CLIENT:- SIGMA HOMES

**S278 HIGHWAY WORKS
HANLYE ROAD
CUCKFIELD, WEST SUSSEX**

**ROAD SAFETY AUDIT
STAGE 1 REPORT**

August 2023

M B Projects Ltd.

Job No. 123.122

Issue: DRAFT

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1 INTRODUCTION	2
2 ITEMS RESULTING FROM THIS STAGE 1 AUDIT	4
3 AUDIT TEAM STATEMENT	6
APPENDIX A	7
APPENDIX B	8

1. INTRODUCTION

1.1 This report results from a Stage 1 Road Safety Audit carried out on the preliminary design of the S278 highway works for a residential development off Hanlye Road in Cuckfield, West Sussex, at the request of the Client Organisation, Sigma Homes, 44-46 Springfield Road, Horsham, West Sussex RH12 2PD, on behalf of the Overseeing Organisation, West Sussex County Council.

1.2 The Road Safety Audit Team membership was as follows:

Martin Brownsey	BSc DipEM MCIHT CoC Director, M.B.Projects Ltd
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Lisa Allen	BEng MSc MCIHT MSoRSA CoC Traffic Safety Consultant, M.B.Projects Ltd
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1.3 The Road Safety Audit took place at the Oxted office of M.B.Projects Ltd during August 2023. The Audit was undertaken in accordance with the audit brief in Sigma Homes email dated 2nd August 2023. The Audit comprised an examination of the drawings and documents provided and these are listed in Appendix A.

1.4 The site was visited by the Audit Team together on the afternoon of 9th August 2023 when weather conditions were dry and sunny. Traffic conditions on Hanlye Road were light and no pedestrians and no cyclists observed in the vicinity.

1.5 The terms of reference for this Road Safety Audit are as described in DMRB document GG119 Road Safety Audit. The Audit Team has examined and reported only on the road safety implications of the scheme as presented, and has not examined or verified the compliance of the designs to any other criteria.

1.6 Each problem identified has been given a location reference and these are indicated on the A3 location plan in Appendix B.

1.7 The proposed S278 works includes a simple T- junction on Hanlye Road to access the site, with an estate road and footway layout to serve 55 residential units.

1.8 No details of any Departures from Standard have been provided by the Design Organisation.

1.9 Reference to the 'Crashmap' injury accident database for the 5 year period 2017 to 2021 shows no recorded accidents within the scheme area. The proposals are therefore unlikely to exacerbate an existing accident related problem.

2. ITEMS RESULTING FROM THIS STAGE 1 AUDIT

2.1 GENERAL

2.1.1 PROBLEM

Location: A (drawing 11041-SK191114.1) – Site access road

Summary: Risk of slow restart

It was observed that the land within the site adjacent to Hanlye Road was at a lower level and falls away to the south. This could lead to an uphill approach to the junction, and difficulty restarting, resulting in a slower moving vehicle entering on to Hanlye Road at risk of rear shunt collisions with a following vehicle.

RECOMMENDATION It is recommended that the vertical alignment of the site access road should provide a relatively flat platform from which to enter the main road.

2.1.2 PROBLEM

Location: B (drawing 11041-SK191114.1) – Site access road bellmouth

Summary: Risk of adverse surface water conditions

It was observed that there is an existing drainage gully located just west of the west tangent point at the proposed site access junction. Surface water from the east side of the junction will flow across the bellmouth, possibly past the pedestrian crossing point. Hazardous surface water conditions could arise for in wet and icy weather, leading to slip and fall for pedestrians and two-wheelers.

RECOMMENDATION It is recommended that the channel levels should be checked, and a gully introduced at the east tangent point as found necessary.

2.2 LOCAL ALIGNMENT

2.2.1 No problems identified in this category at this Stage 1 Audit.

2.3 JUNCTIONS

2.3.1 PROBLEM

Location: C (drawing 11041-SK191114.1) – Hanlye Road

Summary: Risk of obstruction to visibility splay

The proposed visibility splay to the west and east from the proposed site access road will pass through existing hedging that separates the carriageway from the 'twitten'. Inadequate visibility towards an approaching vehicle could result in an exiting vehicle pulling out into the vehicle's path and collision occurring.

RECOMMENDATION It is recommended that the length of hedge that is required to be removed should be determined and shown on the drawings, including an allowance for future growth in order to minimise the need for frequent maintenance.

2.4 WALKING, CYCLING AND HORSE RIDING

2.4.1 PROBLEM

Location: D (drawing 11041-SK191114.1) – Hanlye Road

Summary: Ensuring safe crossing of side road

There is a footway that runs along the south side of Hanlye Road. Pedestrians will need to cross the proposed side road without risk of trip or fall at full upstand kerbing.

RECOMMENDATION It is recommended that a dropped kerb crossing point should be introduced across the site access road, aligning with the footway/twitten.

2.5 TRAFFIC SIGNS, CARRIAGEWAY MARKINGS AND LIGHTING

2.5.1 No problems identified in this category at this Stage 1 Audit.

3. AUDIT TEAM STATEMENT

We certify that this audit has been carried out in accordance with the principles of GG119.

AUDIT TEAM LEADER:

Name: MARTIN G BROWNSEY BSc DipEM MCIHT CoC

Position: Director

Organisation: MB Projects Ltd

Address: Farthings, Grants Lane, Oxted, Surrey, RH8 0RH

Signed:

Date:

AUDIT TEAM MEMBER:

Name: LISA ALLEN BEng MSc MCIHT MSoRSA CoC

Position: Traffic Safety Consultant

Organisation: MB Projects Ltd

Address: Farthings, Grants Lane, Oxted, Surrey, RH8 0RH

Signed:

Date:

MB Projects Ltd
Highways Consultancy

Email: info@mbprojects.co.uk
Tel: 01883 712680

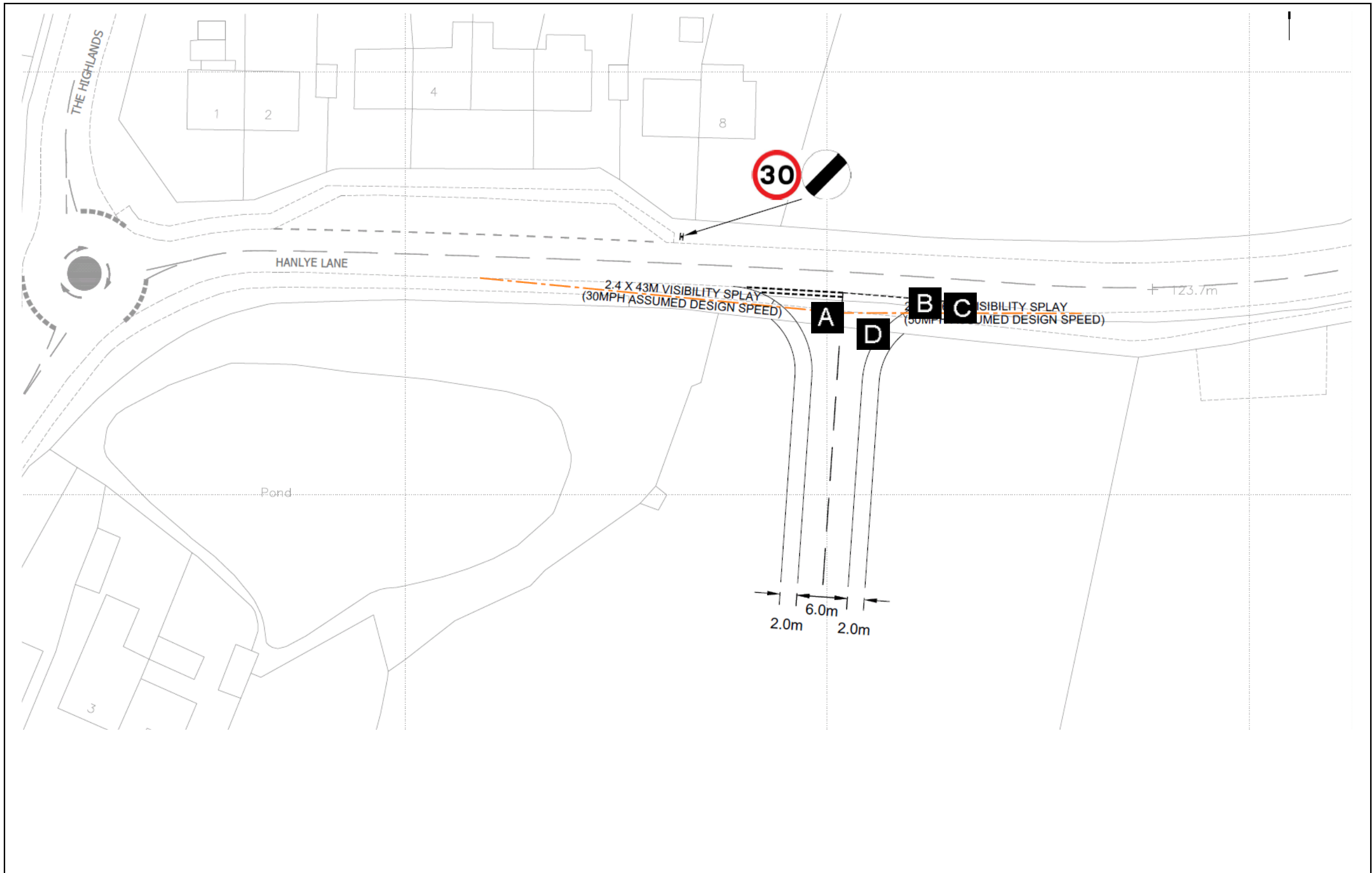
APPENDIX A

LIST OF DRAWINGS AND DOCUMENTS EXAMINED IN THIS AUDIT

Drawing No.	Scale	Description
<u>Connect Consultants</u>		
11041-SK191114.1	1:500	Proposed Site Access
<u>Sigma Homes</u>		
7181-CU/SK02 B	1:500	Feasibility Site Plan 55 Dwellings

Documents:

None

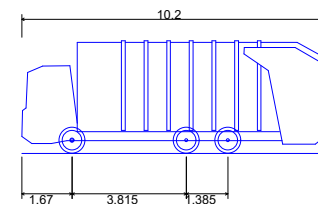


Appendix G

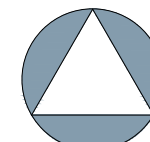
GENERAL NOTES

1. THIS DRAWING IS INTENDED TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS, DETAILS AND SPECIFICATIONS.
2. ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
3. ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. DO NOT SCALE THIS DRAWING.
4. PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES – THIS MUST BE TREATED AS INDICATIVE ONLY.
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VEHICLE PROFILE



Phoenix 2 Duo (P2-12W with Elite 6x4 chassis)	
Overall Length	10.200m
Overall Width	2.530m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	7.800m



NORTH

PRELIMINARY

DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

P02	UPDATED LAYOUT		05.10.23	TNP	CID
P01	FIRST ISSUE		12.09.23	TAF	JAM
Rev	Description		Date	By	App'd
	Date Created	Drawn By	Approved By	Suitability Code	
	11.09.23	TAF	JAM	-	
	PBA Project Number		Scale		
	020.0885		1:1000 (AT A3)		
PBA Drawing No:				Revision	
020.0885-0004				P02	



Project Name

LAND SOUTH OF HANLYE LANE,
CUCKFIELD

Project Phase
PRELIMINARY

INTERNAL SWEPT PATH ANALYSIS FOR REFUSE VEHICLE



Paul Basham Associates Ltd
The Bothy, Cams Hall Estate, Fareham, PO16 8UT
01329 711 000
info@paulbashamassociates.com www.paulbashamassociates.com

Client





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- ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
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VEHICLE PROFILE

DB32 Fire Appliance	
Overall Length	8.680m
Overall Width	2.160m
Overall Body Height	3.452m
Min Body Ground Clearance	0.337m
Max Track Width	2.121m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	7.910m

PRELIMINARY

DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

P02	UPDATED LAYOUT	05.10.23	TNP	CID
P01	FIRST ISSUE	11.09.23	TAF	JAM
Rev	Description	Date	By	App'd
Date Created	Drawn By	Approved By	Suitability Code	
11.09.23	TAF	JAM	-	
PBA Project Number		Scale	(AT A3)	
020.0885		1:1000		
PBA Drawing No:			Revision	
020.0885-0005			P02	

Project Name

LAND SOUTH OF HANLYE LANE,
CUCKFIELD

Project Phase

PRELIMINARY

Title

INTERNAL SWEEP PATH
ANALYSIS FOR
FIRE TENDER VEHICLE

Paul Basham Associates Ltd
The Bothy, Cams Hall Estate, Fareham, PO16 8UT
01329 711 000
info@paulbashamassociates.com www.paulbashamassociates.com

Client

LOCATION + QUALITY + DESIGN

QMS2011/v8/210723/JM

Appendix H

Calculation Reference: AUDIT-247601-230824-0841

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	3 days
	EX ESSEX	1 days
	HC HAMPSHIRE	8 days
	HF HERTFORDSHIRE	1 days
	KC KENT	2 days
	MW MEDWAY	1 days
	SC SURREY	1 days
	WB WEST BERKSHIRE	1 days
	WS WEST SUSSEX	3 days
03	SOUTH WEST	
	DC DORSET	2 days
	DV DEVON	2 days
	SD SWINDON	1 days
	SM SOMERSET	1 days
	TB TORBAY	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: 19 to 195 (units:)
 Range Selected by User: 8 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	3 days
Wednesday	9 days
Thursday	6 days
Friday	6 days

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

Selected survey types:

Manual count	29 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 Centre	1
Suburban Area (PPS6 Out of Centre)	6
Edge of Town	22

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	28
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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	12 days - Selected
Servicing vehicles Excluded	27 days - Selected

Secondary Filtering selection:

Use Class:

C3	29 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:

5,001 to 10,000	8 days
10,001 to 15,000	8 days
15,001 to 20,000	6 days
20,001 to 25,000	5 days
25,001 to 50,000	2 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	3 days
25,001 to 50,000	3 days
50,001 to 75,000	5 days
75,001 to 100,000	2 days
100,001 to 125,000	2 days
125,001 to 250,000	12 days
250,001 to 500,000	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	3 days
1.1 to 1.5	24 days
1.6 to 2.0	2 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	20 days
No	9 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	29 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	CT-03-A-01 ARLESEY ROAD STOTFOLD	MIXED HOUSES		CENTRAL BEDFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	46		
	Survey date: WEDNESDAY	22/06/22	Survey Type: MANUAL	
2	DC-03-A-09 A350 SHAFTESBURY	MIXED HOUSES		DORSET
	Edge of Town No Sub Category Total No of Dwellings:	50		
	Survey date: FRIDAY	19/11/21	Survey Type: MANUAL	
3	DC-03-A-10 ADDISON CLOSE GILLINGHAM	MIXED HOUSES		DORSET
	Edge of Town Residential Zone Total No of Dwellings:	26		
	Survey date: WEDNESDAY	09/11/22	Survey Type: MANUAL	
4	DV-03-A-02 MILLHEAD ROAD HONITON	HOUSES & BUNGALOWS		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	116		
	Survey date: FRIDAY	25/09/15	Survey Type: MANUAL	
5	DV-03-A-03 LOWER BRAND LANE HONITON	TERRACED & SEMI DETACHED		DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	70		
	Survey date: MONDAY	28/09/15	Survey Type: MANUAL	
6	ES-03-A-05 RATTLE ROAD NEAR EASTBOURNE STONE CROSS	MIXED HOUSES & FLATS		EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings:	99		
	Survey date: WEDNESDAY	05/06/19	Survey Type: MANUAL	
7	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	

LIST OF SITES relevant to selection parameters (Cont.)

8	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
9	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
10	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
11	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
12	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
13	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
14	HC-03-A-28 EAGLE AVENUE WATERLOOVILLE LOVEDEAN	MIXED HOUSES & FLATS	HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	125	
	Survey date: MONDAY	08/11/21	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	HC-03-A-29	MIXED HOUSES & FLATS	HAMPSHIRE
	CROW LANE		
	RINGWOOD		
	CROW		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	195	
	Survey date: THURSDAY	30/06/22	Survey Type: MANUAL
16	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
17	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
18	HF-03-A-03	MIXED HOUSES	HERTFORDSHIRE
	HARE STREET ROAD		
	BUNTINGFORD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	160	
	Survey date: MONDAY	08/07/19	Survey Type: MANUAL
19	KC-03-A-03	MIXED HOUSES & FLATS	KENT
	HYTHE ROAD		
	ASHFORD		
	WILLESBOROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	51	
	Survey date: THURSDAY	14/07/16	Survey Type: MANUAL
20	KC-03-A-04	SEMI-DETACHED & TERRACED	KENT
	KILN BARN ROAD		
	AYLESFORD		
	DITTON		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	110	
	Survey date: FRIDAY	22/09/17	Survey Type: MANUAL
21	MW-03-A-02	MIXED HOUSES	MEDWAY
	OTTERHAM QUAY LANE		
	RAINHAM		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	19	
	Survey date: MONDAY	06/06/22	Survey Type: MANUAL
22	SC-03-A-07	MIXED HOUSES	SURREY
	FOLLY HILL		
	FARNHAM		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	41	
	Survey date: WEDNESDAY	11/05/22	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

23	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
24	SM-03-A-01	DETACHED & SEMI	SOMERSET
	WEMBDON ROAD		
	BRIDGWATER		
	NORTHFIELD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	33	
	Survey date: THURSDAY	24/09/15	Survey Type: MANUAL
25	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
26	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
27	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
28	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
29	WS-03-A-17	MIXED HOUSES & FLATS	WEST SUSSEX
	SHOPWHYKE ROAD		
	CHICHESTER		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	86	
	Survey date: WEDNESDAY	01/03/23	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.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
HF-03-A-04	COVID
KC-03-A-09	COVID
WS-03-A-12	COVID
WS-03-A-13	COVID

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL VEHICLES
 Calculation factor: 1 DWELLS
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 1.76

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	29	80	0.075	29	80	0.296	29	80	0.371
08:00 - 09:00	29	80	0.140	29	80	0.380	29	80	0.520
09:00 - 10:00	29	80	0.165	29	80	0.184	29	80	0.349
10:00 - 11:00	29	80	0.138	29	80	0.178	29	80	0.316
11:00 - 12:00	29	80	0.137	29	80	0.145	29	80	0.282
12:00 - 13:00	29	80	0.155	29	80	0.163	29	80	0.318
13:00 - 14:00	29	80	0.178	29	80	0.174	29	80	0.352
14:00 - 15:00	29	80	0.162	29	80	0.195	29	80	0.357
15:00 - 16:00	29	80	0.274	29	80	0.168	29	80	0.442
16:00 - 17:00	29	80	0.264	29	80	0.155	29	80	0.419
17:00 - 18:00	29	80	0.339	29	80	0.155	29	80	0.494
18:00 - 19:00	29	80	0.276	29	80	0.140	29	80	0.416
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.303			2.333			4.636

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:

19 - 195 (units:)

Survey date date range:

01/01/15 - 01/03/23

Number of weekdays (Monday-Friday):

29

Number of Saturdays:

0

Number of Sundays:

0

Surveys automatically removed from selection:

6

Surveys manually removed from selection:

4

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

Appendix I

WF01BEW - Location of usual residence and place of work (OA level)

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population All usual residents ages 16 and over in employment the week before the census
units Persons
date 2011

place of work : 2011 census merged local authority district	E02006614 : Mid Sussex 011			
E02006612 : Mid Sussex 009	637	16.8%		East
Crawley	407	10.7%		West
Westminster, City of London	374	9.9%		West
E02006614 : Mid Sussex 011	370	9.8%		West
Brighton and Hove	218	5.8%		West
Lewes	145	3.8%		West/East
E02006617 : Mid Sussex 014	137	3.6%		West/East
E02006611 : Mid Sussex 008	120	3.2%		West
Horsham	116	3.1%		West
E02006609 : Mid Sussex 006	106	2.8%		West/East
E02006613 : Mid Sussex 010	91	2.4%		West
Reigate and Banstead	74	2.0%		West
E02006610 : Mid Sussex 007	74	2.0%		West/East
Wealden	71	1.9%		West
E02006619 : Mid Sussex 016	69	1.8%		West
Camden	60	1.6%		West
E02006618 : Mid Sussex 015	60	1.6%		West
Tower Hamlets	53	1.4%		West
E02006604 : Mid Sussex 001	51	1.3%		East
Merton	41	1.1%		West
Islington	35	0.9%		West
Tandridge	35	0.9%		West
Southwark	33	0.9%		West
E02006615 : Mid Sussex 012	32	0.8%		East
Croydon	27	0.7%		West
Lambeth	24	0.6%		West
Adur	24	0.6%		West
Worthing	23	0.6%		West
Hillingdon	21	0.6%		West
Mole Valley	20	0.5%		West
E02006620 : Mid Sussex 017	20	0.5%		West
E02006605 : Mid Sussex 002	17	0.4%		West
E02006607 : Mid Sussex 004	15	0.4%		West/East
Kensington and Chelsea	14	0.4%		West
Hounslow	13	0.3%		West
Sutton	13	0.3%		West
Guildford	13	0.3%		West
Hammersmith and Fulham	12	0.3%		West
E02006606 : Mid Sussex 003	11	0.3%		West
E02006616 : Mid Sussex 013	11	0.3%		East
Tunbridge Wells	10	0.3%		East
Wandsworth	9	0.2%		West
Hackney	8	0.2%		West
Tonbridge and Malling	8	0.2%		West
Chichester	8	0.2%		West
Bromley	7	0.2%		West
Epsom and Ewell	7	0.2%		West
Runnymede	7	0.2%		West
Arun	7	0.2%		West
Eastbourne	6	0.2%		West/East
Sevenoaks	6	0.2%		West
Elmbridge	6	0.2%		West
Luton	5	0.1%		West
Kingston upon Thames	5	0.1%		West
E02006608 : Mid Sussex 005	4	0.1%		West

West
East

74%
26%

1.91%
1.81%

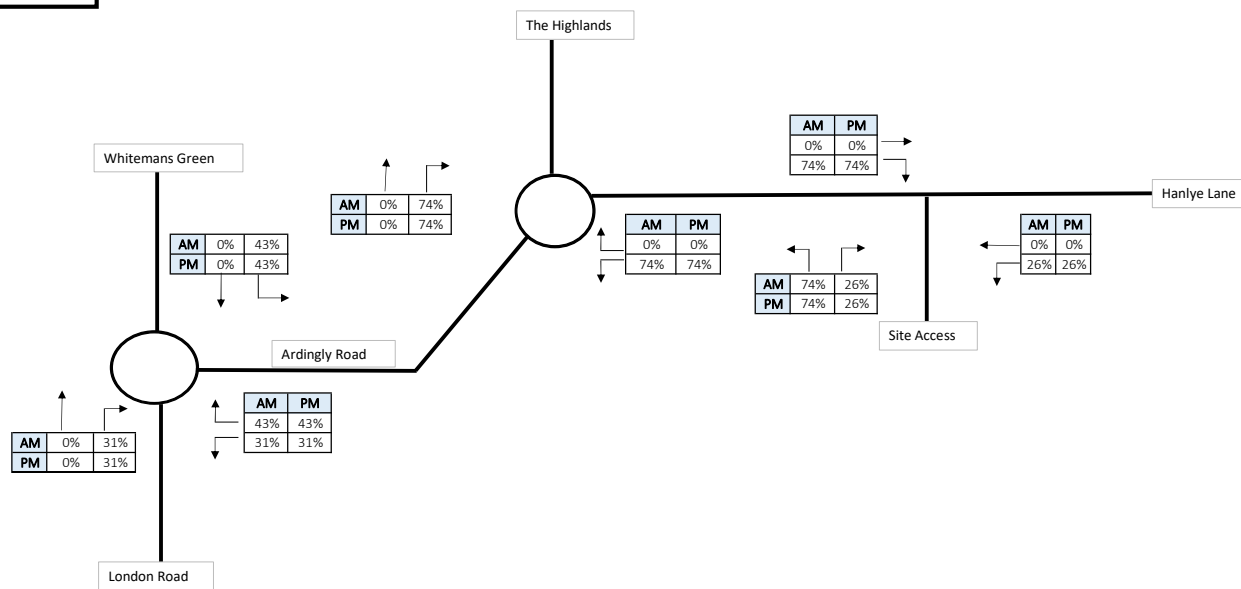
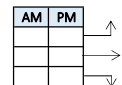
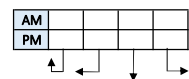
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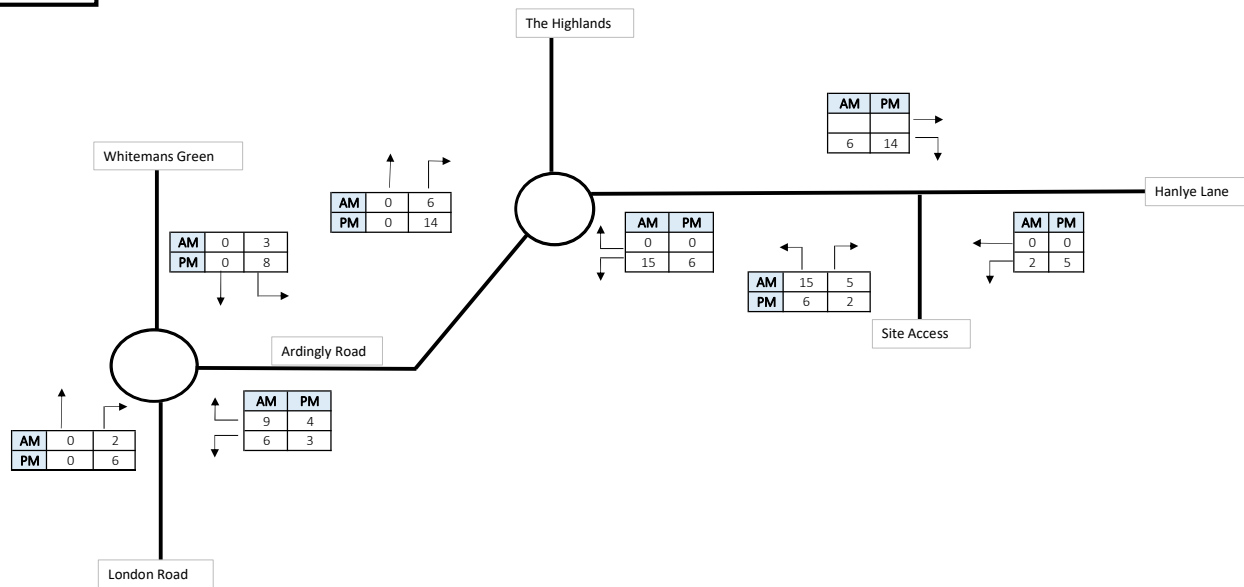
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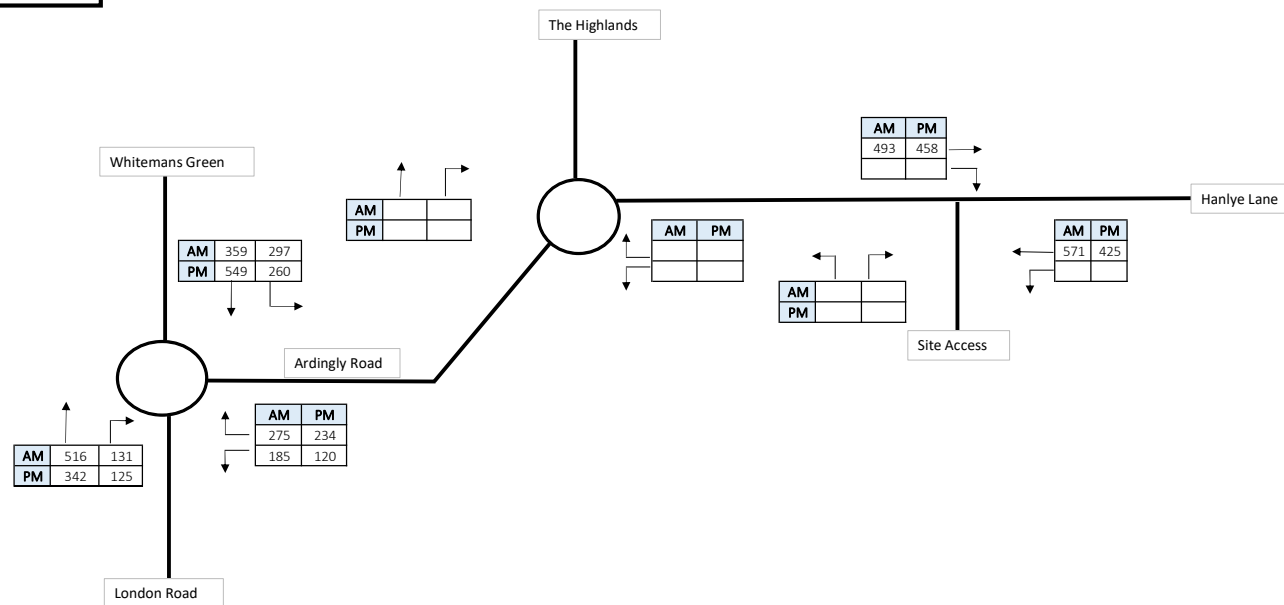
Appendix J



units 55

	Arr	Dep		Arr	Dep
AM	0.140	0.380	PM	0.339	0.155
	8	21		19	9





Growth Factor

AM 1.0317

PM 1.0321

