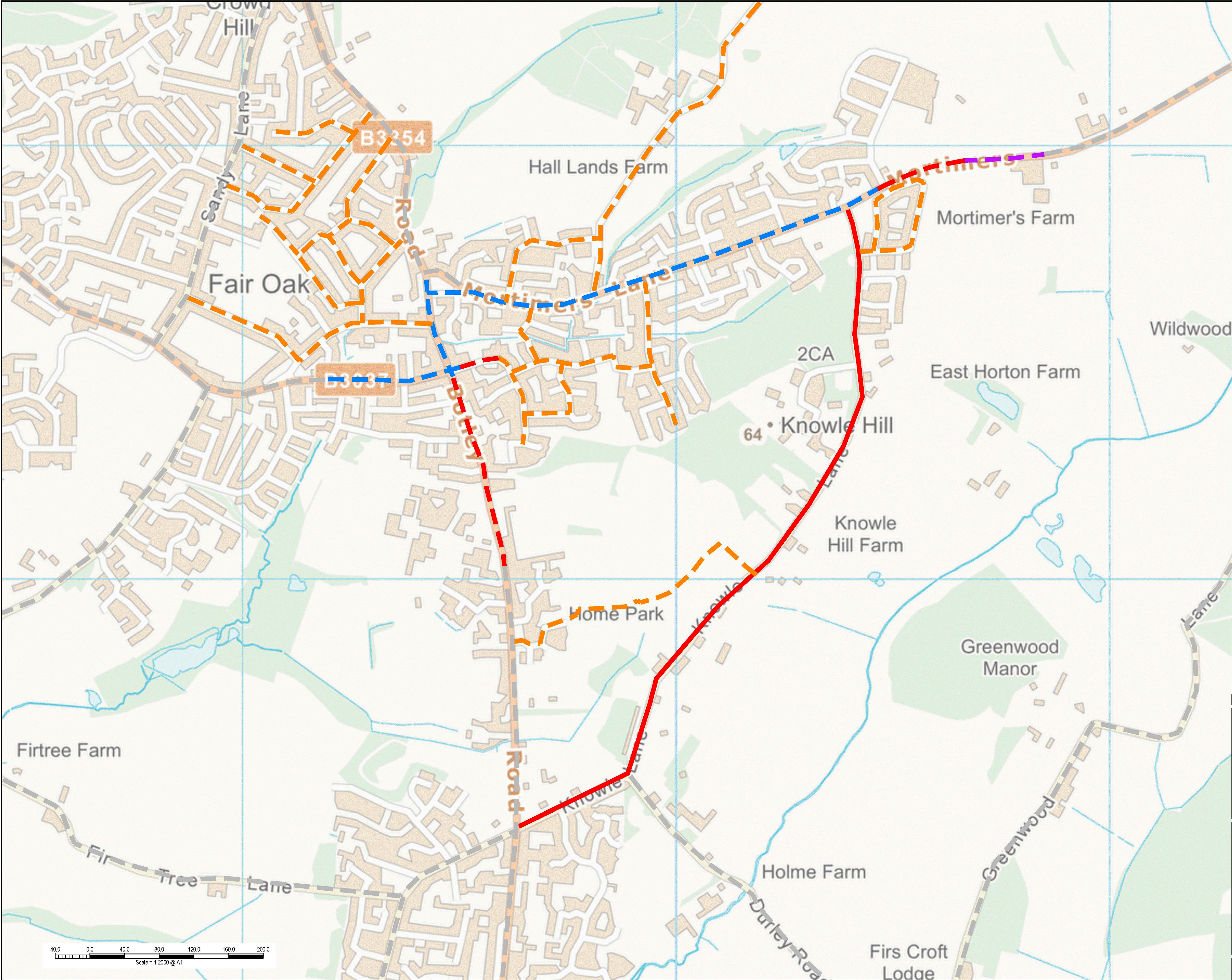


Appendix I

Hampshire County Council Improvement Works - Mortimers Lane / Winchester Road

Appendix J

Proposed Off-Site Highway Works - Mortimers Lane / Winchester Road / Knowle Lane



NOTES

1. This drawing is to be read in conjunction with all relevant documents and specifications.

2. Dimensions are not to be scaled.

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KEY

- Blue dashed line: Cycle infrastructure proposed to be implemented by HCC.
- Green dashed line: Existing cycle infrastructure in Fair Oak.
- Orange dashed line: Roads suitable for on-street cycling.
- Red dashed line: Off road cycle infrastructure proposed to be implemented by Bloor's.
- Red solid line: On road cycle infrastructure proposed to be implemented by Bloor's.
- Grey dashed line: No cycle infrastructure existing or proposed.
- Purple dashed line: Footway infrastructure proposed to be implemented by consented Mortimer's Farm development.

Rev. Description

A	Updated in accordance with HCC comments	23/10/2024	AH	AJ
---	---	------------	----	----

Glanville
Survey > Plan > Engineer

- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client:
Bloor Homes Southern

Project:
Land South of Mortimer's Lane, Fair Oak, Eastleigh

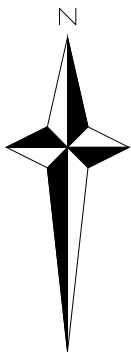
Title:
Wider Cycle Improvements

Engineer: A. Moeleir
Date: August 24

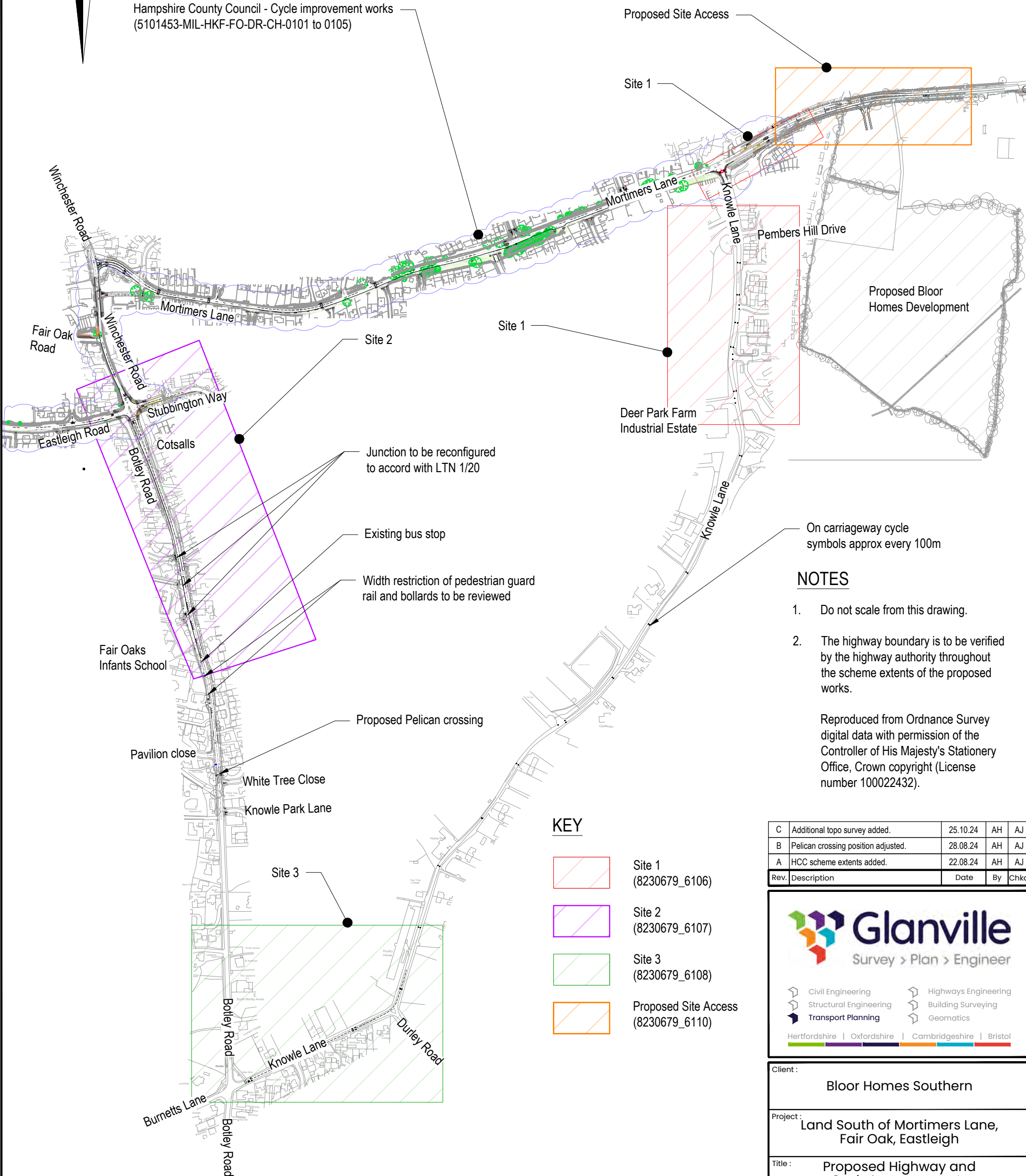
Director: A. Jones
Scale: 1:2000 @ A1

Status: PRELIMINARY

Drawing No. 8230679/6017
Rev A



Hampshire County Council - Cycle improvement works
(5101453-MIL-HKF-FO-DR-CH-0101 to 0105)



NOTES

- 1. Do not scale from this drawing.
- 2. The highway boundary is to be verified by the highway authority throughout the scheme extents of the proposed works.

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KEY

- Site 1 (8230679_6106)
- Site 2 (8230679_6107)
- Site 3 (8230679_6108)
- Proposed Site Access (8230679_6110)

C	Additional topo survey added.	25.10.24	AH	AJ
B	Pelican crossing position adjusted.	28.08.24	AH	AJ
A	HCC scheme extents added.	22.08.24	AH	AJ
Rev.	Description	Date	By	Chkd



Glanville
Survey > Plan > Engineer

 Civil Engineering

 Structural Engineering

 Transport Planning

 Highways Engineering

 Building Surveying

 Geomatics

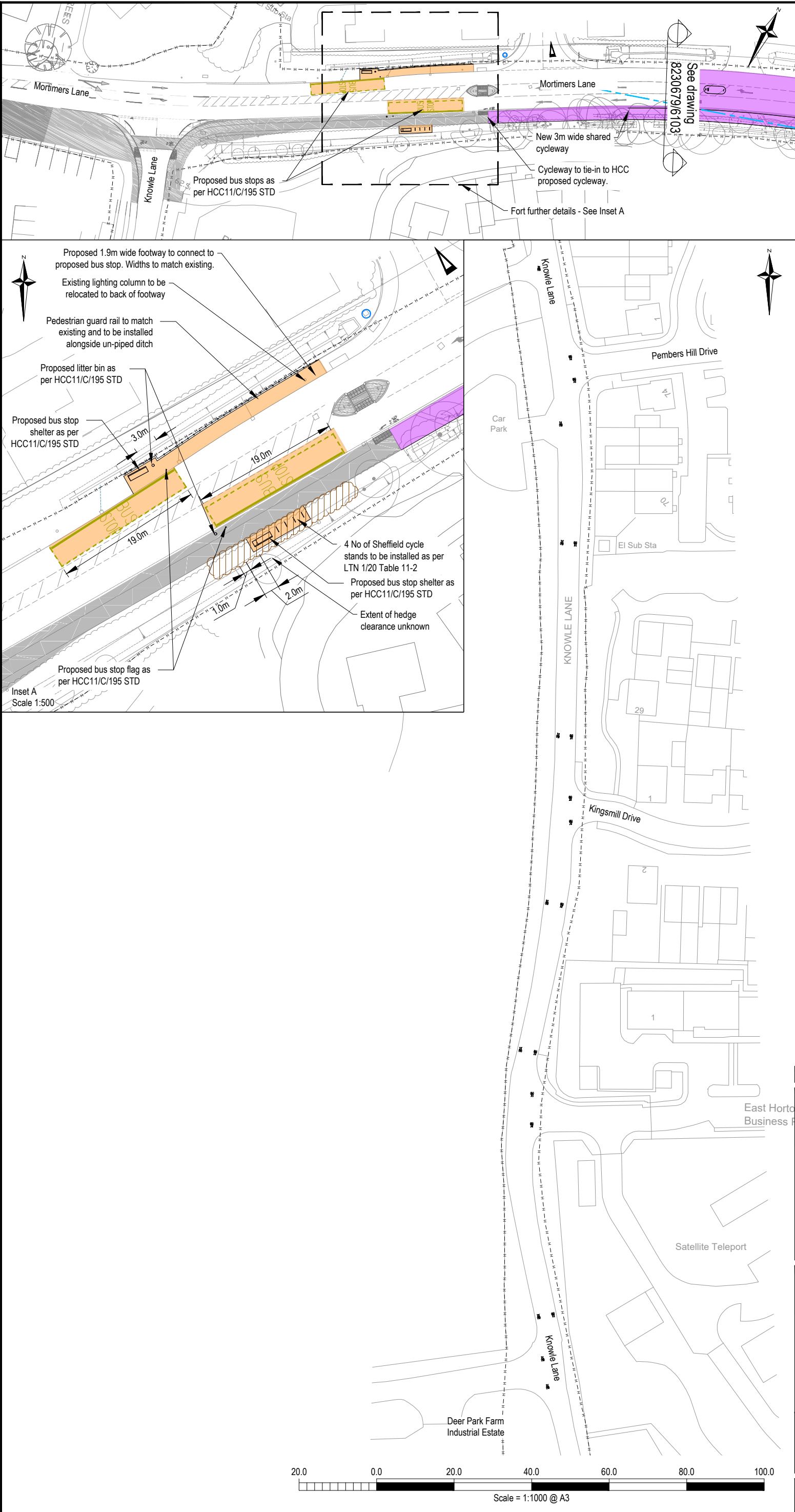
Hertfordshire

Oxfordshire

Cambridgeshire

Bristol

Client :	Bloor Homes Southern		
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh		
Title :	Proposed Highway and Cycle Improvements Overall General Arrangement		
Engineer : A. Harper	Date : July 2024		
Director : A. Jones	Scale : NTS @ A3		
Status :	PRELIMINARY		
Drawing No.	8230679/6105		Rev C



KEY

- Proposed cycleway and junction works to be delivered by Bloor Homes
- Proposed bus stop works to be delivered by Bloor Homes
- Cycle improvement scheme to be delivered by HCC
- Existing vegetation to be cut back / removed to facilitate bus stop waiting area

NOTES

- Do not scale from this drawing.
- The highway boundary is to be verified by the highway authority throughout the scheme extents of the proposed works.

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D	Updated in accordance with HCC comments.	23.10.24	AH	AJ
C	Bus stops added on Mortimers Lane	17.09.24	AH	AJ
B	HCC scheme extents added.	22.08.24	AH	AJ
Rev.	Description	Date	By	Chkd



- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

Client : Bloor Homes Southern

Project : Land South of Mortimers Lane, Fair Oak, Eastleigh

Title : Proposed Highway and Cycle Improvements Site 1 General Arrangement

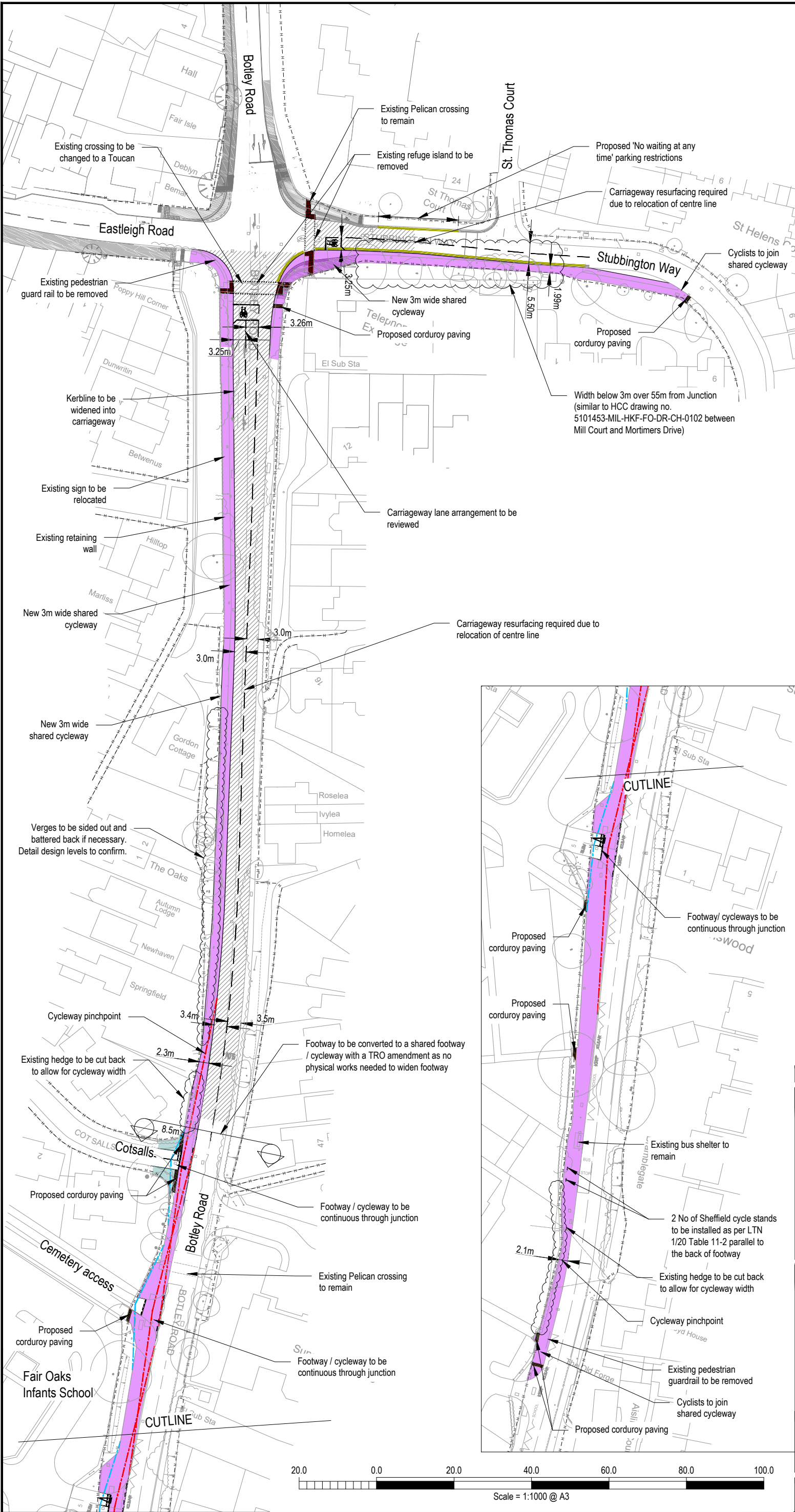
Engineer : A. Harper Date : July 2024

Director : A. Jones Scale : 1:1000 @ A3

Status : PRELIMINARY

Drawing No. 8230679/6106

Rev D



KEY

- Proposed shared use footway
- Proposed carriageway resurfacing
- Proposed footway resurfacing
- Highway boundary interpreted from Hampshire County council records
- 2.4m x 43m junction visibility splay
- 2.4m x 17m cyclist visibility splay as per LTN 1/20 Table 5-5 unless stated otherwise

NOTES

- Do not scale from this drawing.
- The highway boundary is to be verified by the highway authority throughout the scheme extents of the proposed works.

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Existing Junction Intervisibility	
Arm	Compliant with CD 123
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubbington Way	No
Stubbington Way / Botley Rd (S)	No
Hampshire Junction Intervisibility	
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubbington Way	No
Stubbington Way / Botley Rd (S)	No
Bloor Homes Junction Intervisibility	
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubbington Way	No
Stubbington Way / Botley Rd (S)	No

C	Updated in accordance with HCC comments	14.10.24	AH	AJ
B	Sheffield cycle stands added at bus stop.	18.09.24	AH	AJ
A	Updated with HCC Scheme	22.08.24	AH	AJ
Rev.	Description	Date	By	Chkd



Survey > Plan > Engineer

 Civil Engineering

 Structural Engineering

 Transport Planning

 Highways Engineering

 Building Surveying

 Geomatics

Hertfordshire

Oxfordshire

Cambridgeshire

Bristol

Client : Bloor Homes Southern

Project : Land South of Mortimers Lane, Fair Oak, Eastleigh

Title : Proposed Highway and Cycle Improvements Site 2 General Arrangement

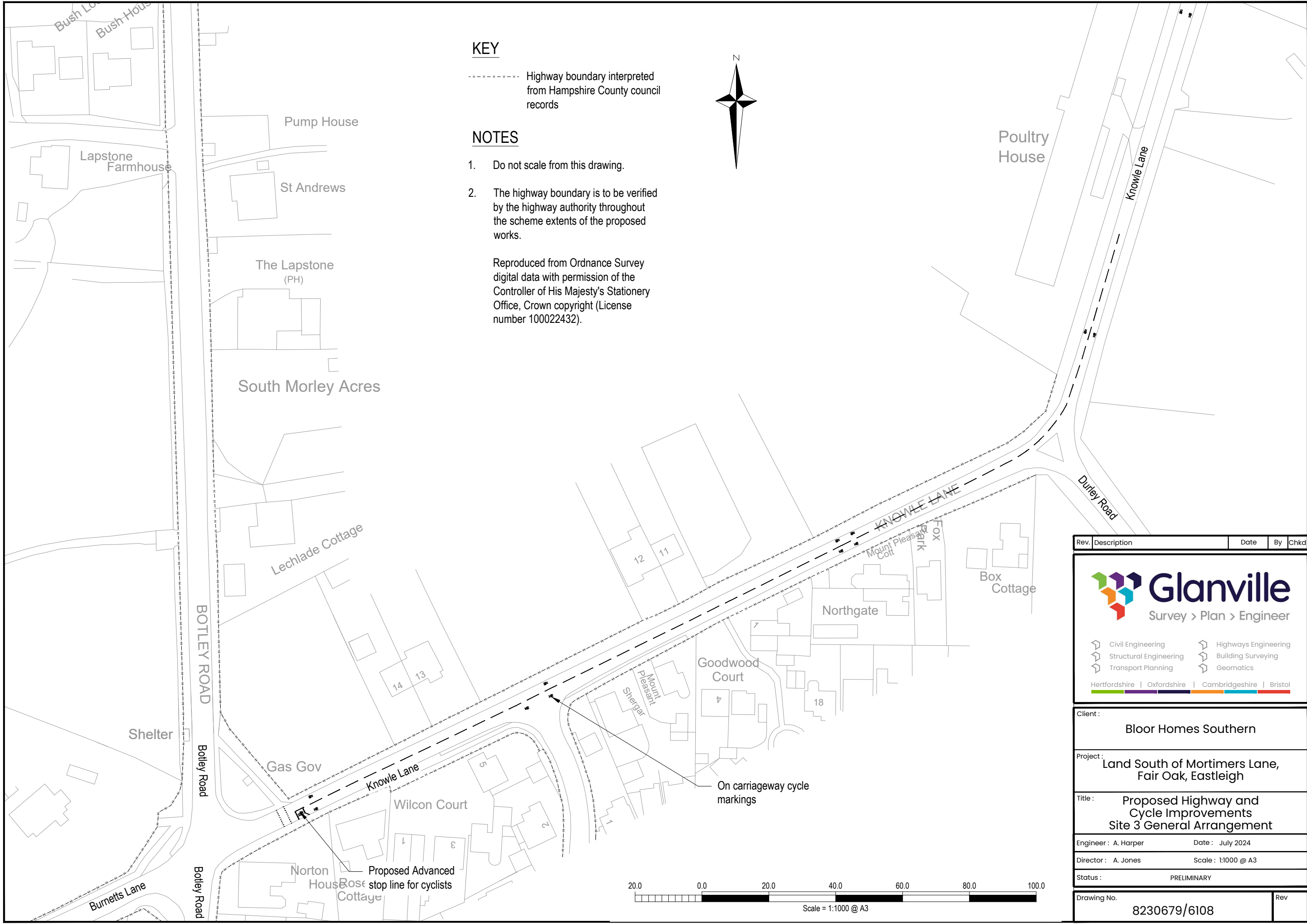
Engineer : A. Harper Date : July 2024

Director : A. Jones Scale : NTS @ A3

Status : PRELIMINARY

Drawing No. 8230679/6107

Rev C



KEY

----- Highway boundary interpreted from Hampshire County council records

NOTES

- 1. Do not scale from this drawing.
- 2. The highway boundary is to be verified by the highway authority throughout the scheme extents of the proposed works.

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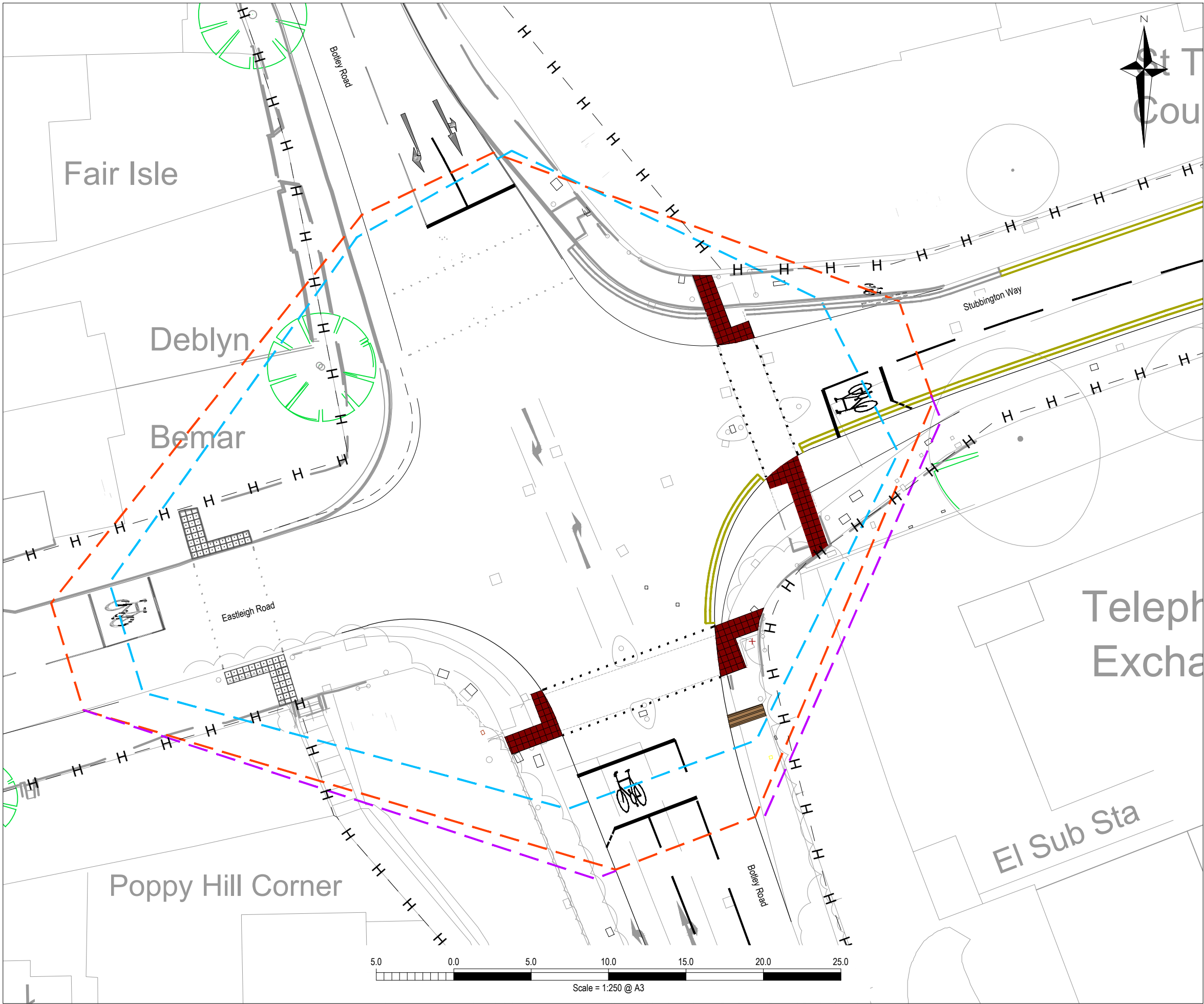
Rev.	Description	Date	By	Chkd
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- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client :	Bloor Homes Southern		
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh		
Title :	Proposed Highway and Cycle Improvements Site 3 General Arrangement		
Engineer : A. Harper	Date : July 2024		
Director : A. Jones	Scale : 1:1000 @ A3		
Status :	PRELIMINARY		
Drawing No.	8230679/6108		Rev



- NOTES**
- 1. This drawing is to be read in conjunction with all relevant documents and specifications.
 - 2. Dimensions are not to be scaled.

- KEY**
- Existing junction intervisibility splay
 - HCC scheme junction intervisibility splay
 - Bloor Homes scheme junction intervisibility splay
 - Highway boundary interpreted from Hampshire CC records to be confirmed by HCC during detailed design stage

Existing Junction Intervisibility	
Arm	Compliant with CD 123
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubington Way	No
Stubington Way / Botley Rd (S)	No
Hampshire Junction Intervisibility	
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubington Way	No
Stubington Way / Botley Rd (S)	No
Bloor Homes Junction Intervisibility	
Botley Rd (S) / Eastleigh Rd	No
Eastleigh Rd / Botley Rd (N)	No
Botley Rd (N) / Stubington Way	No
Stubington Way / Botley Rd (S)	No

A	Additional topo survey added.	25.10.24	AH	AJ
Rev.	Description	Date	By	Chkd



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 Civil Engineering

 Structural Engineering

 Transport Planning

 Highways Engineering

 Building Surveying

 Geomatics

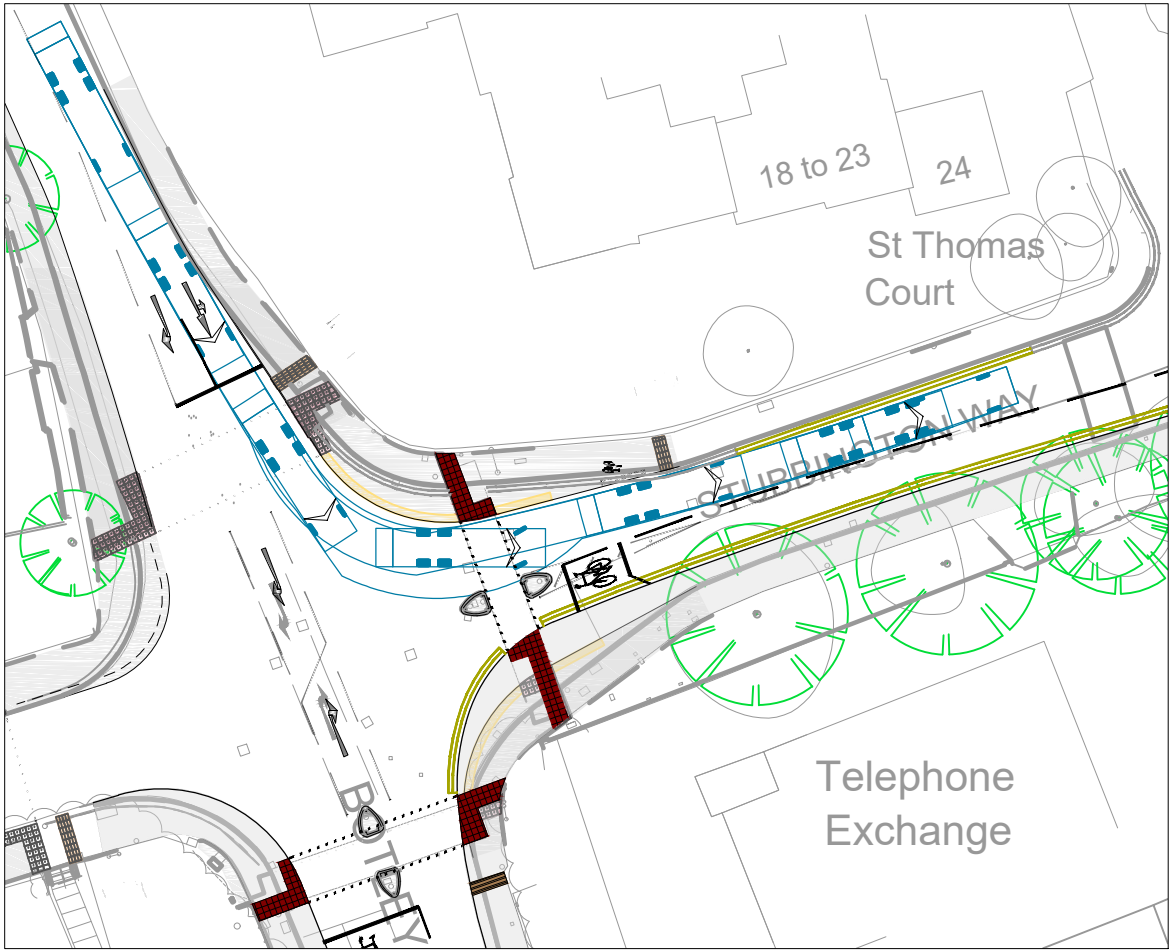
Hertfordshire

Oxfordshire

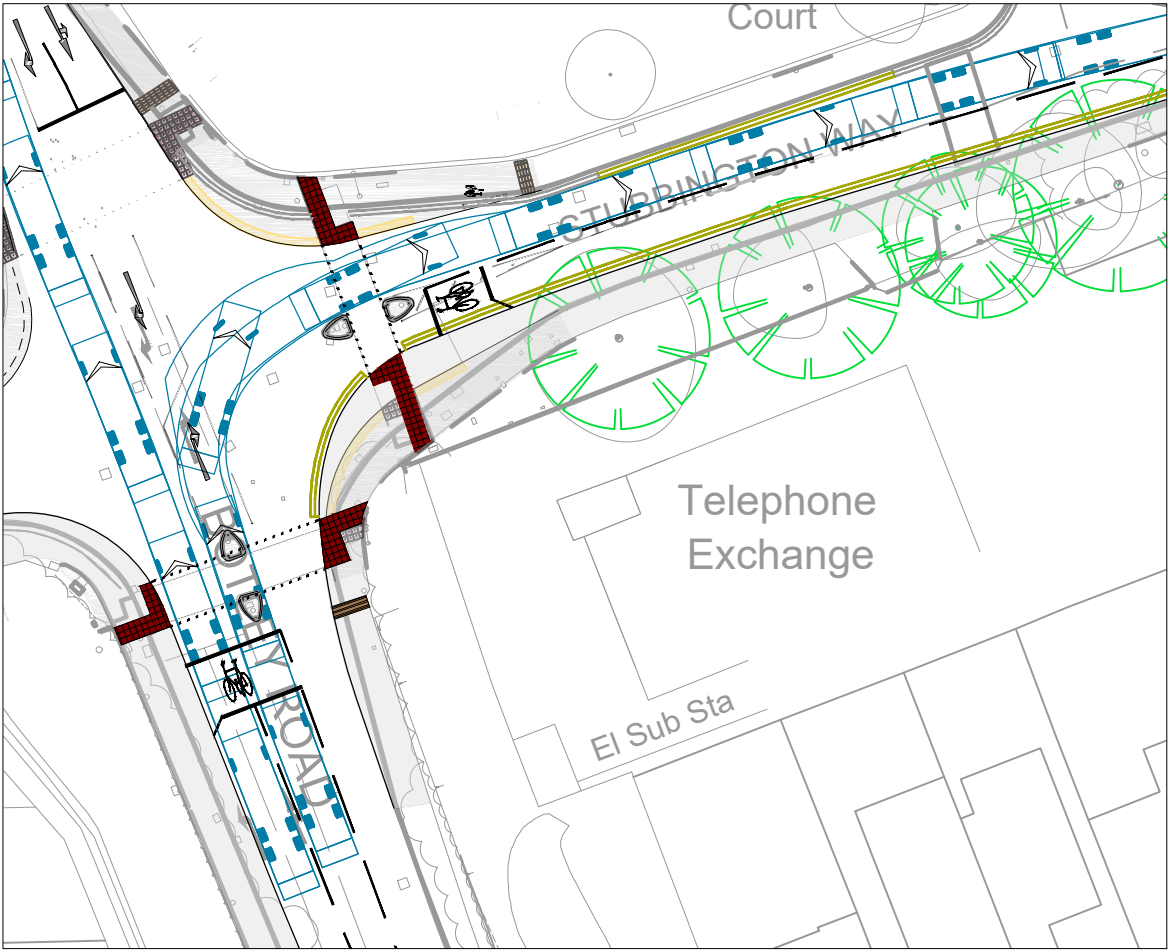
Cambridgeshire

Bristol

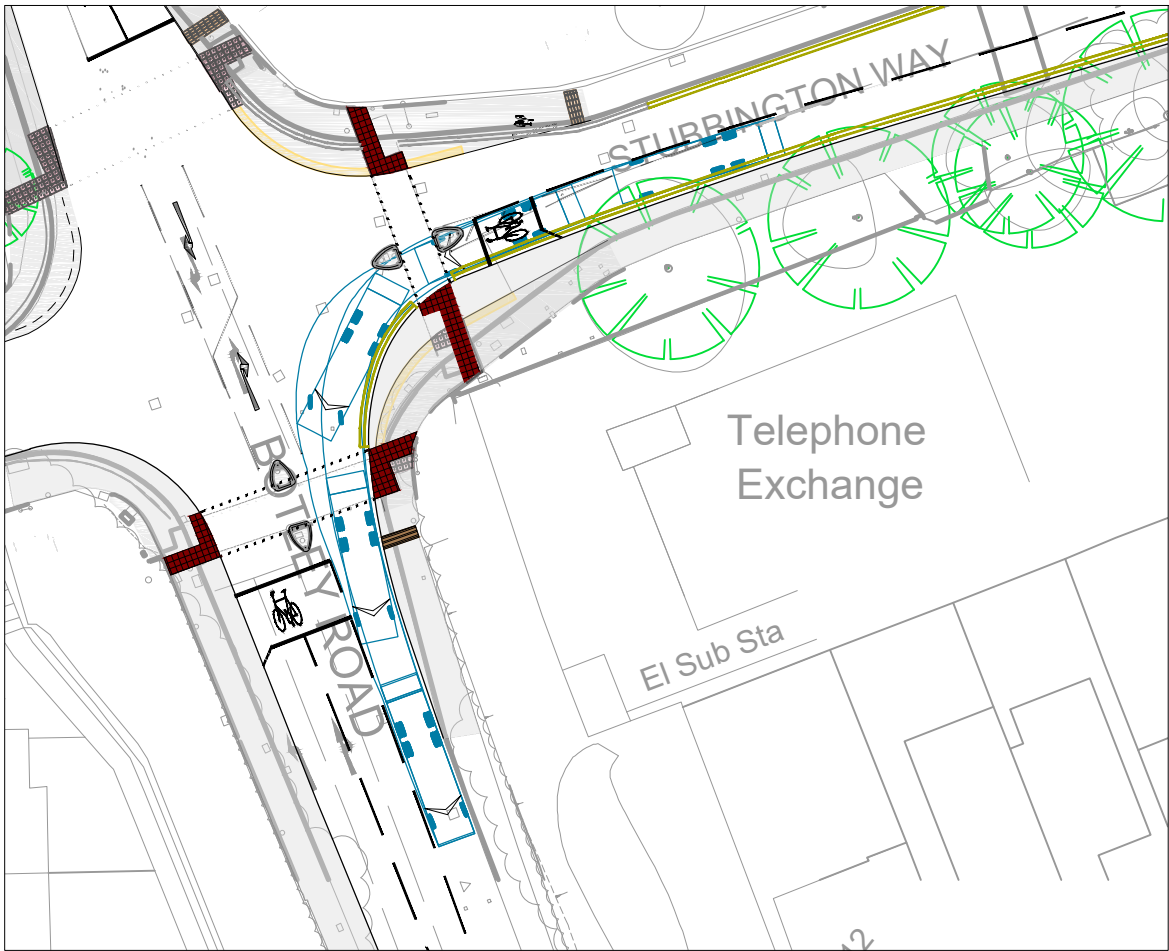
Client :	Bloor Homes Southern		
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh		
Title :	Stubington Way Junction Intervisibility Splays		
Engineer :	A. Harper	Date :	September 2024
Director :	A. Jones	Scale :	1:250 @ A3
Status :	PRELIMINARY		
Drawing No.	8230679/6115		Rev A



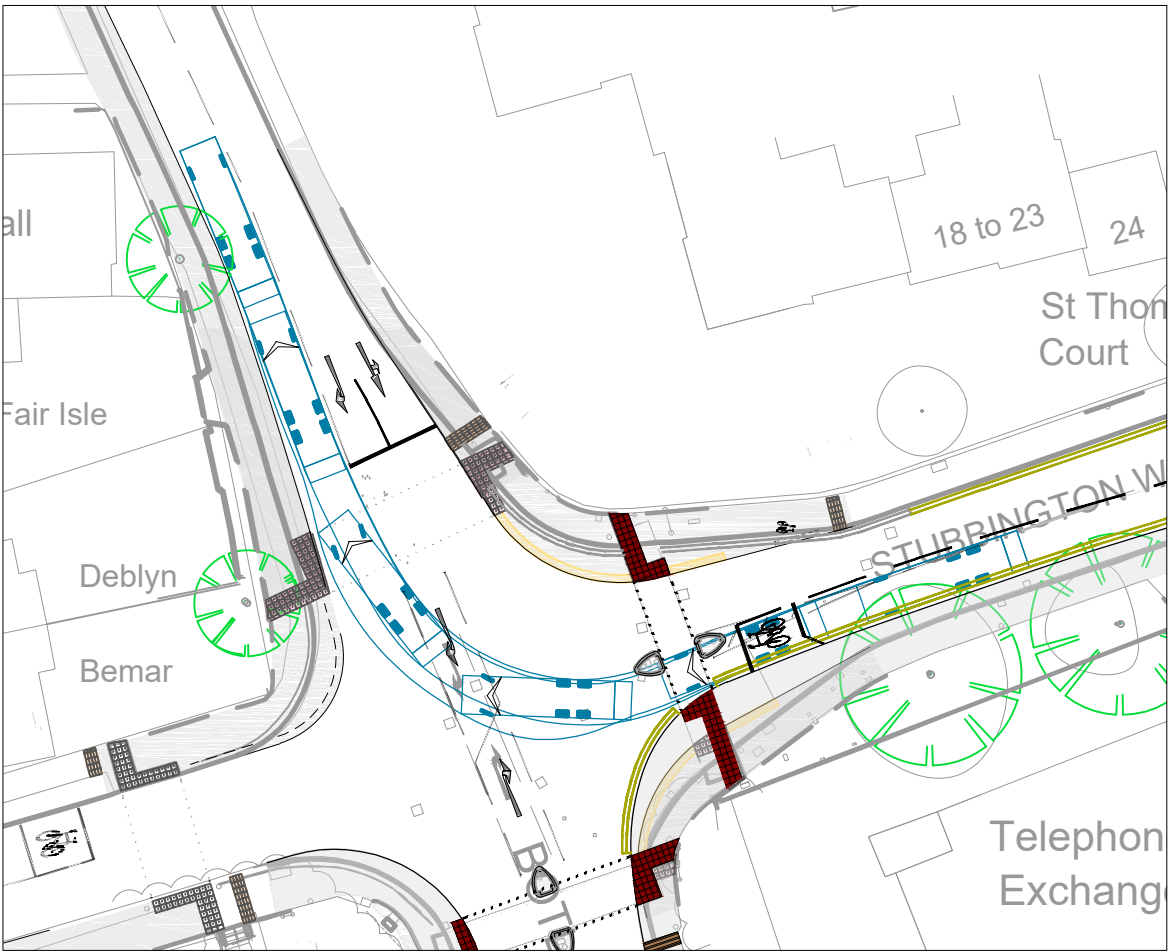
STUBBINGTON WAY LEFT-TURN - ENTRY



STUBBINGTON WAY RIGHT-TURN - ENTRY



STUBBINGTON WAY LEFT-TURN - EXIT



STUBBINGTON WAY RIGHT-TURN - EXIT

- NOTES
1. This drawing is to be read in conjunction with all relevant documents and specifications.
 2. Dimensions are not to be scaled.
- Source: Site Line's drawing number 01MK005 1 to 5
HCC drawing numbers - 510453-MIL-HKF-FO-DR-CH-0101 - 0105

KEY

11.2m refuse vehicle - forward gear



Rev.	Description	Date	By	Chkd
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- Civil Engineering
 - Structural Engineering
 - Transport Planning
 - Highways Engineering
 - Building Surveying
 - Geomatics
- Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client :	Bloor Homes Southern		
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh		
Title :	Swept Path Analysis 11.2m Refuse Vehicle		
Engineer : A. Harper	Date : October 2024		
Director : A. Jones	Scale : 1:500 @ A3		
Status :	PRELIMINARY		
Drawing No.	8230679/6203		Rev

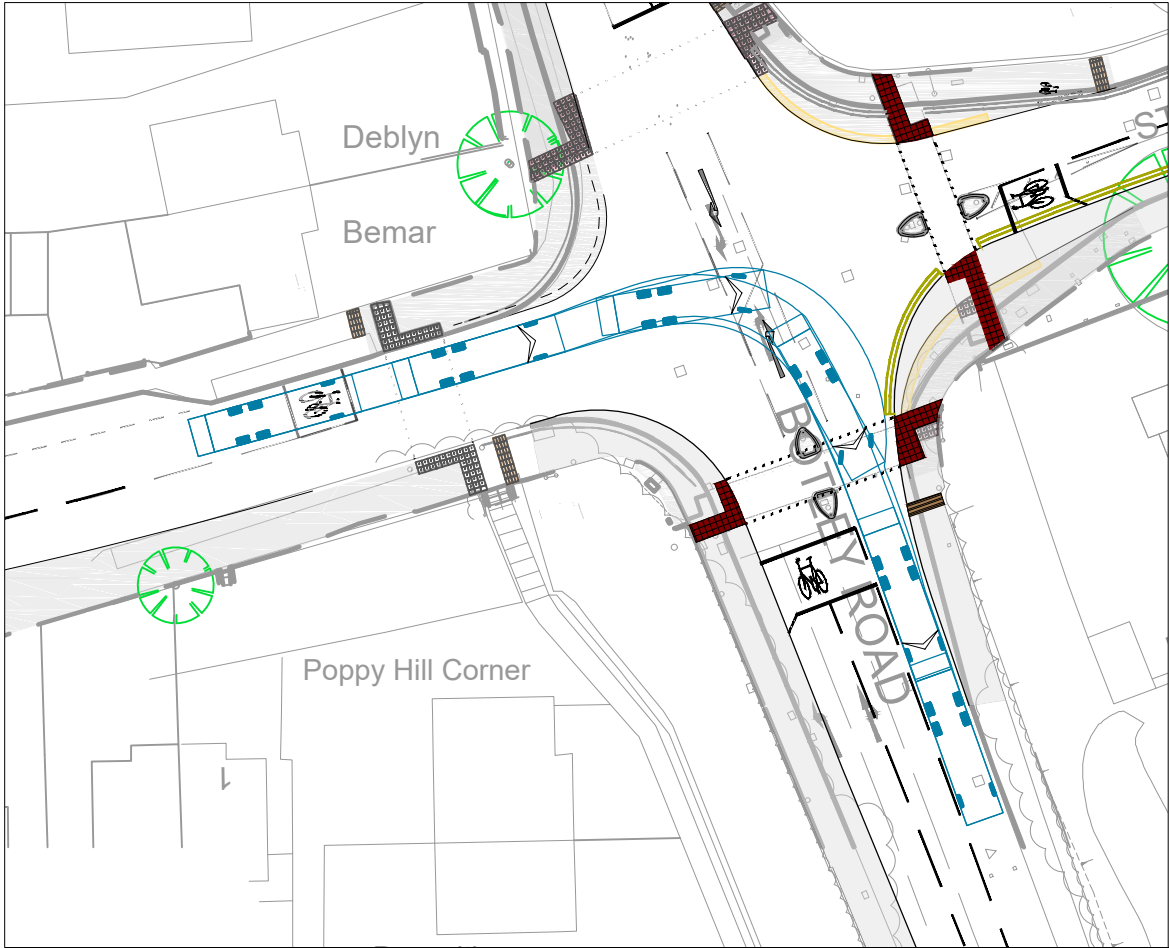
NOTES

1. This drawing is to be read in conjunction with all relevant documents and specifications.
2. Dimensions are not to be scaled.
- Source: Site Line's drawing number
01MK005 1 to 5
HCC drawing numbers -
510453-MIL-HKF-FO-DR-CH-0101 - 0105

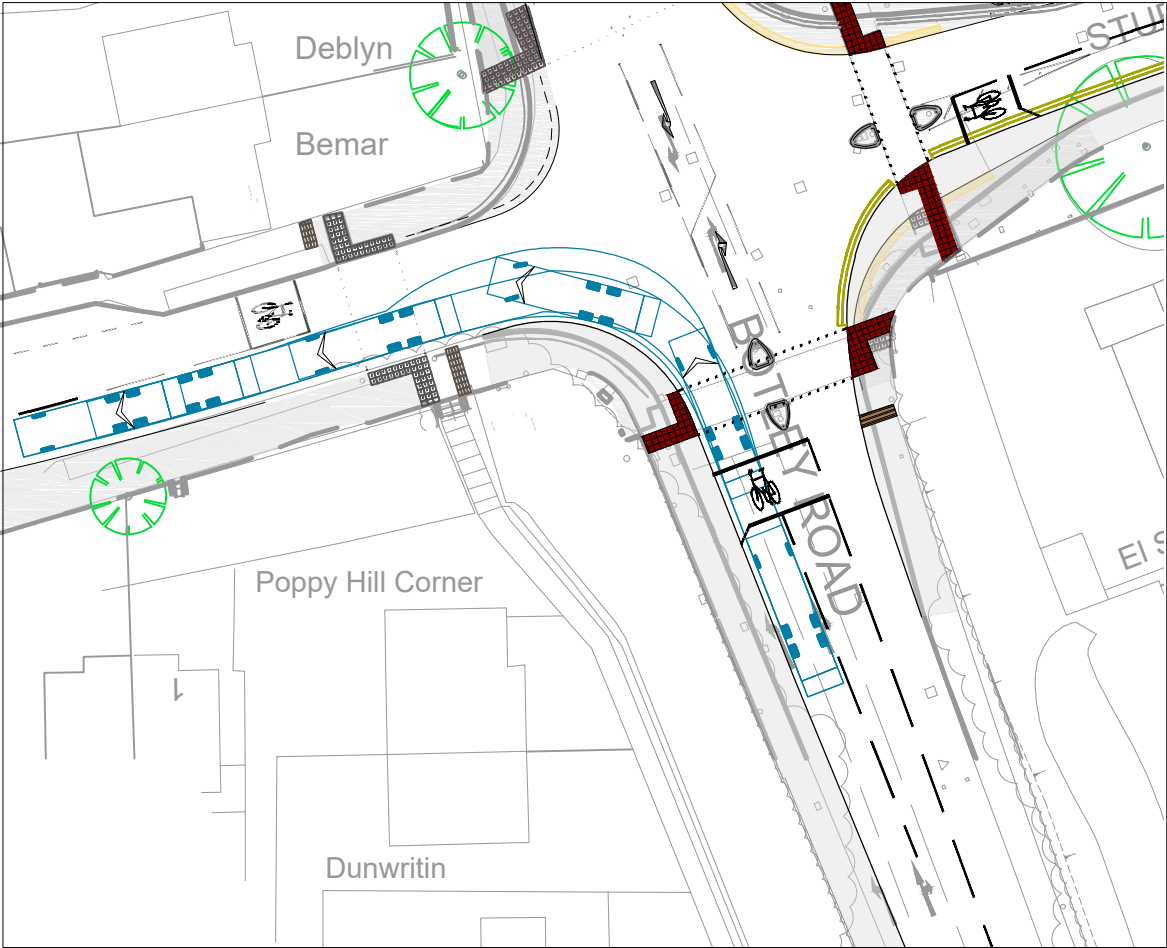
KEY



11.2m refuse vehicle - forward gear



EASTLEIGH ROAD RIGHT-TURN



BOTLEY ROAD LEFT-TURN

Rev.	Description	Date	By	Chkd
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Glanville
Survey > Plan > Engineer

 Civil Engineering

 Structural Engineering

 Transport Planning

 Highways Engineering

 Building Surveying

 Geomatics

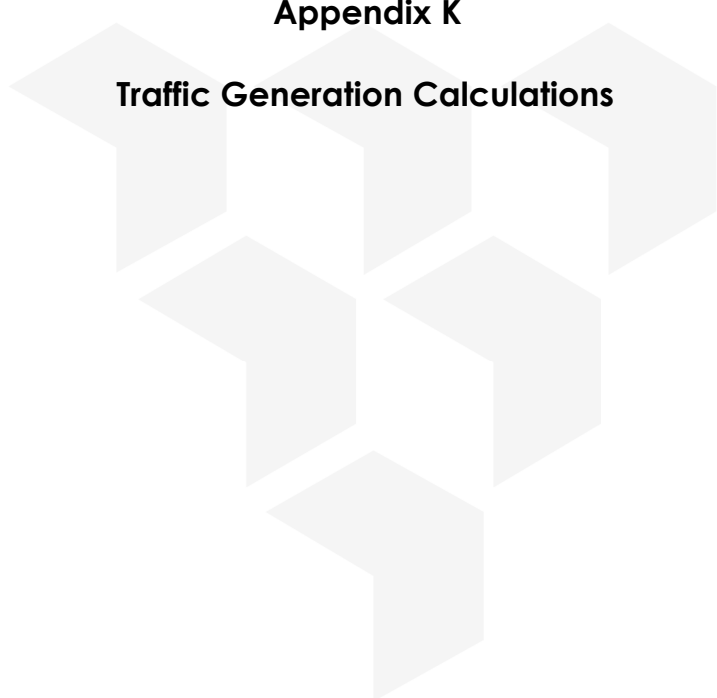
Hertfordshire

Oxfordshire

Cambridgeshire

Bristol

Client :	Bloor Homes Southern		
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh		
Title :	Swept Path Analysis 11.2m Refuse Vehicle		
Engineer : A. Harper	Date : October 2024		
Director : A. Jones	Scale : 1:500 @ A3		
Status :	PRELIMINARY		
Drawing No.	8230679/6204		Rev



Appendix K

Traffic Generation Calculations

Distribution

TOTAL VEHICLE TRIP - based on TRICS 7.10.3

245

	Arr	Dep	Two-way
8am-9am	0.215	0.364	0.579
5pm-6pm	0.264	0.165	0.429
7am-7pm			

	Arr	Dep	Two-way
8am-9am	53	89	142
5pm-6pm	65	40	105
7am-7pm	0	0	0

NTS 0502 (2022)						Purpose by hour
Purposes	Work	Education primary	Education secondary	Leisure	Shopping	Total
8am-9am	19.8%	26.0%	27.6%	22.5%	4.0%	100%
5pm-6pm	31.8%	2.4%	3.50%	50.1%	12.2%	100%
7am-7pm	17.4%	6.9%	7.90%	49.1%	16.7%	100%

	Work			Education primary			Education secondary			Leisure			Shopping		
Purposes	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
8am-9am	10	18	28	14	23	37	15	25	39	12	20	32	2	4	6
5pm-6pm	21	13	33	2	1	3	2	1	4	32	20	53	8	5	13
7am-7pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Purposes	2011 Census - Eastleigh 008	NTS0615		NTS 0409A	
	Work	Primary	Secondary	Leisure	Shopping
Walk					
Cycle					
Public Transport					
Car	100%	100%	100%	100%	100%
Passenger					
Other					
Total	100%	100%	100%	100%	100%

Mode	Total person trips by mode (Work)								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	10	18	28	21	13	33	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	10	18	28	21	13	33	0	0	0

Total person trips by mode (Work)

Mode	Total person trips by mode education - escort								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	14	23	37	2	1	3	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	14	23	37	2	1	3	0	0	0

Total person trips by mode education - escort

Mode	Total person trips by mode education - secondary								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	15	25	39	2	1	4	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	15	25	39	2	1	4	0	0	0

Total person trips by mode education - secondary

Vehicle trip rates

	Arr	Dep	Two-way
8am-9am	0.148	0.491	0.639
5pm-6pm	0.386	0.19	0.576
7am-7pm	2.654	2.59	5.244

Vehicle trip rates

	Arr	Dep	Two-way
8am-9am	36	120	157
5pm-6pm	95	47	141
7am-7pm	650	635	1285

2 Junction capacity analysis

- 3 Given the LHA's comments regarding trip rates, updated TRICS trip generation analysis has been undertaken, with the updated trip generation rates included in Appendix A. In addition, for comparison, a multi-modal manual turning count survey is proposed to be undertaken at the Pember Farm development, to derive a residential trip rate that is bespoke to the scheme and likely to be more accurate for forecast travel trends, given that this development is for a similar to the proposed development in terms of location and the number of dwellings. The traffic will be distributed based on work, education, leisure and retail based trips based on the National Travel Survey 2022-2023.



Anthony Jones

To Asher Davey

Anthony Jones <A.Jones@glanvillegroup.com>

Subject: RE: Land South of Mortimers Lane

Reply Reply All Forward

Fri 23/08/2024 13:01

e-app response attached as discussed.

p Rates

he proposal to carry out a multi-modal manual turning count survey at the Pembers Farm scheme to determine local trip rates does not appear to have been completed. This could be progressed to support the proposed use of multi-modal trip rates and forecast trip generation above. It is noted that the applicant has vehicular movements at this junction and knows the current level of occupancies, but has not presented a vehicular trip rate based on this information."

he development had 242 dwellings occupied as of Dec 2023. Applying this to our traffic surveys gives the following trip rates:

Pembers Farm AM Traffic			Pembers Farm AM Trip Rate		
	two-way		inbound	outbound	two-way
nbound	outbound				
52	88	140	0.215	0.364	0.579

Pembers Farm PM Traffic			Pembers Farm PM Trip Rate		
	two-way		inbound	outbound	two-way
nbound	outbound				
64	40	104	0.264	0.165	0.429

Mode	Total person trips by mode (Leisure)								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	12	20	32	32	20	53	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	12	20	32	32	20	53	0	0	0

Total person trips by mode (Leisure)

Mode	Total person trips by mode (shopping)								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	2	4	6	8	5	13	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	2	4	6	8	5	13	0	0	0

Total person trips by mode (shopping)

Mode	All modes all purposes								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0	0	0	0	0	0	0	0	0
Cycle	0	0	0	0	0	0	0	0	0
Public Transport	0	0	0	0	0	0	0	0	0
Car	53	89	142	65	40	105	0	0	0
Passenger	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	53	89	142	65	40	105	0	0	0

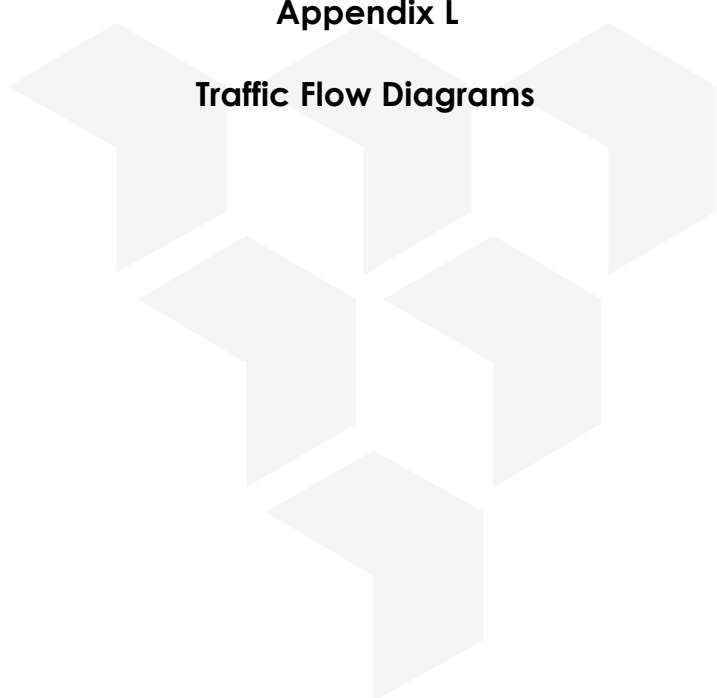
All modes all purposes

Mode	All modes all purposes (%) spl't								
	8am-9am			5pm-6pm			7am-7pm		
	Arr	Dep	Two-way	Arr	Dep	Two-way	Arr	Dep	Two-way
Walk	0%	0%	0%	0%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!
Cycle	0%	0%	0%	0%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!
Public Transport	0%	0%	0%	0%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!
Car	100%	100%	100%	100%	100%	100%	#DIV/0!	#DIV/0!	#DIV/0!
Passenger	0%	0%	0%	0%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!
Other	0%	0%	0%	0%	0%	0%	#DIV/0!	#DIV/0!	#DIV/0!
Total	100%	100%	100%	100%	100%	100%	#DIV/0!	#DIV/0!	#DIV/0!

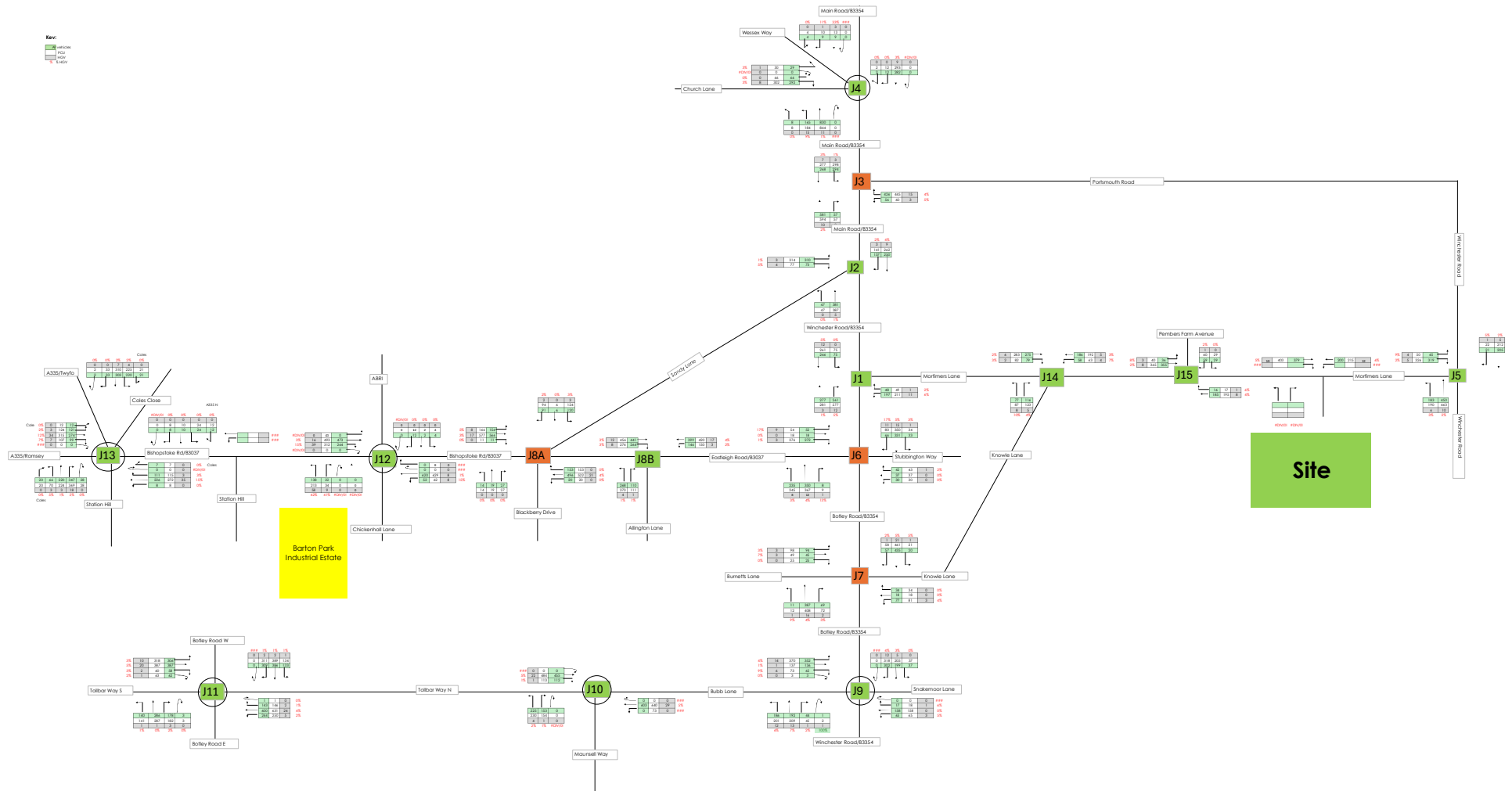
All modes all purposes (%) spl't

Appendix L

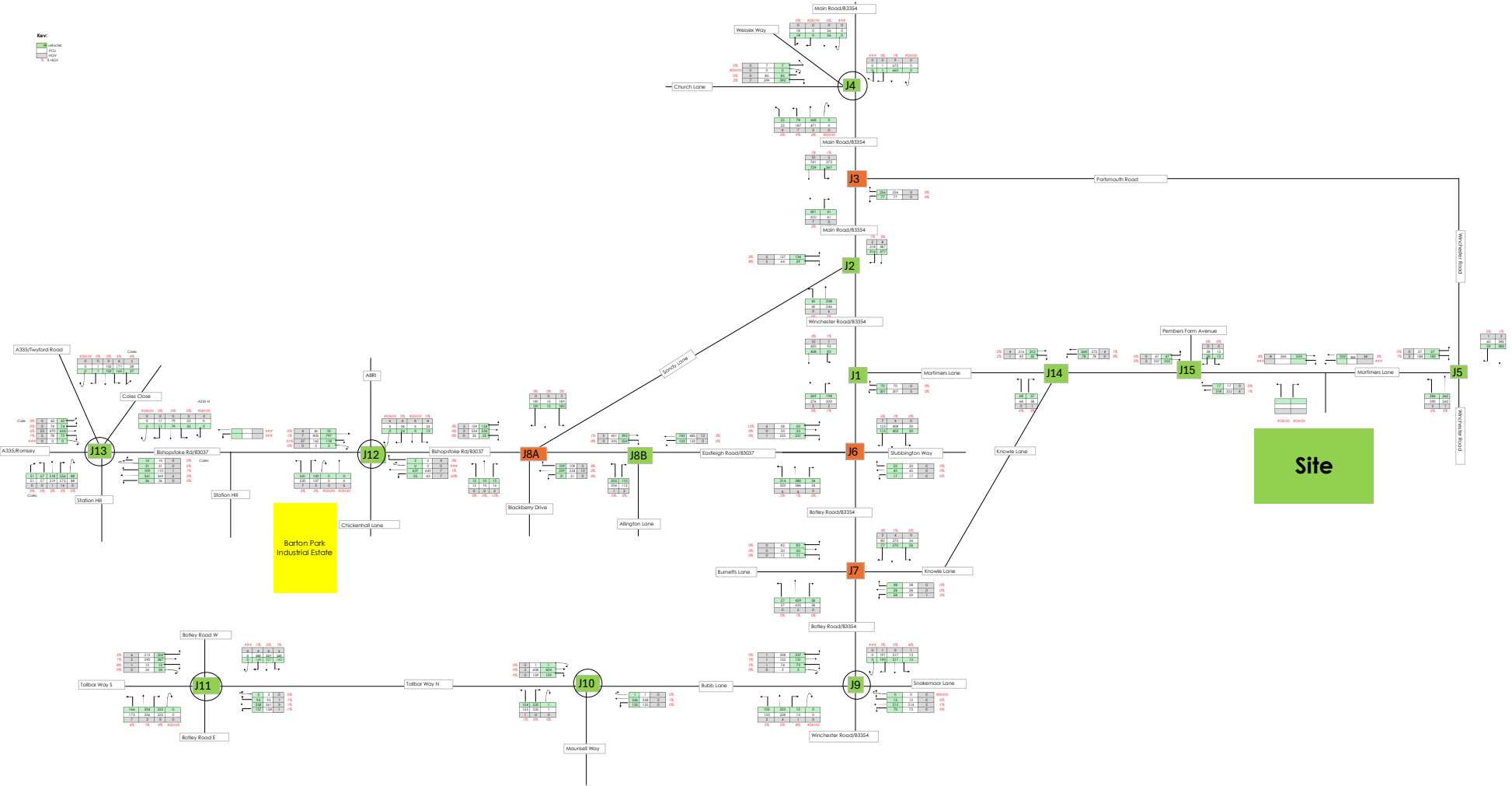
Traffic Flow Diagrams



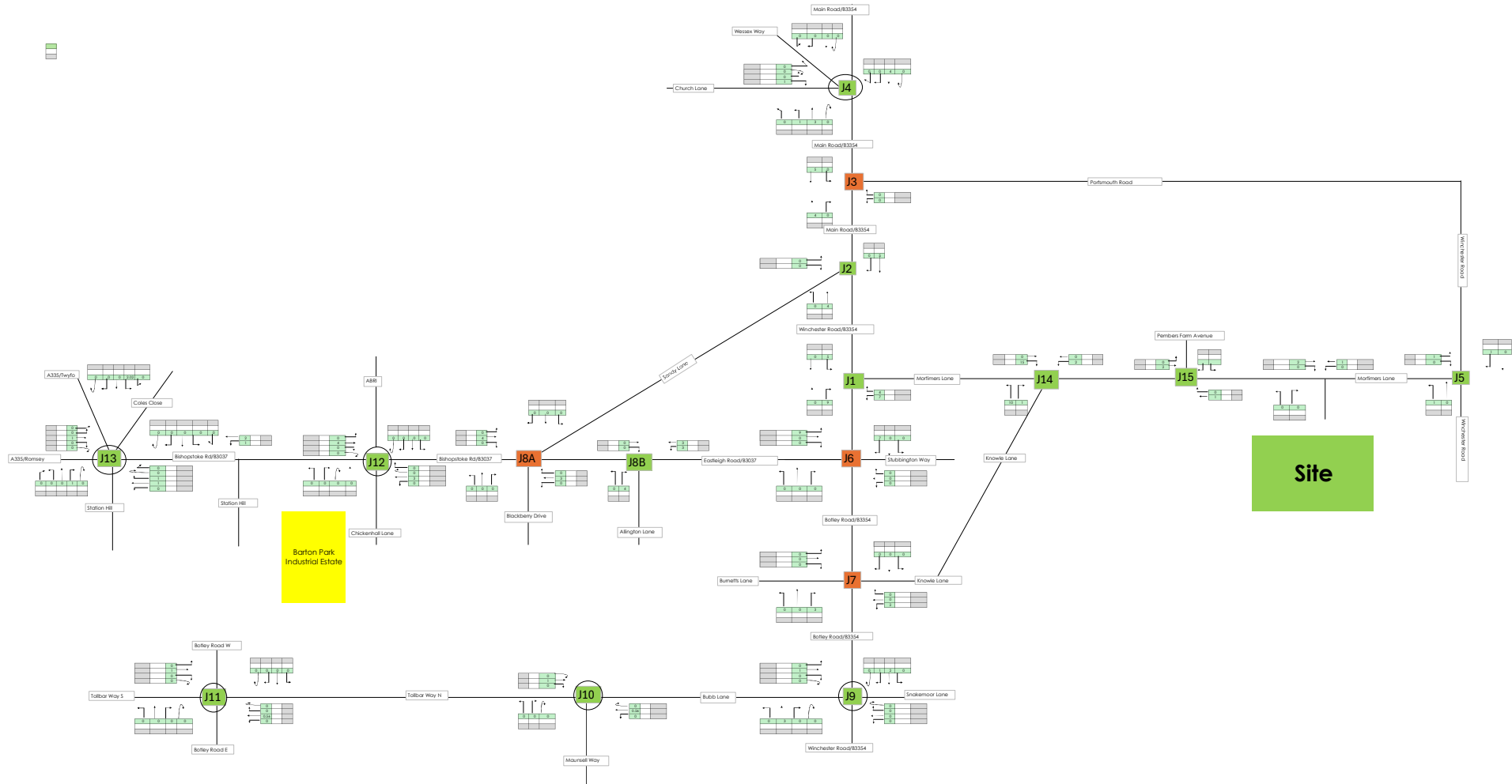
Base 8-9 AM



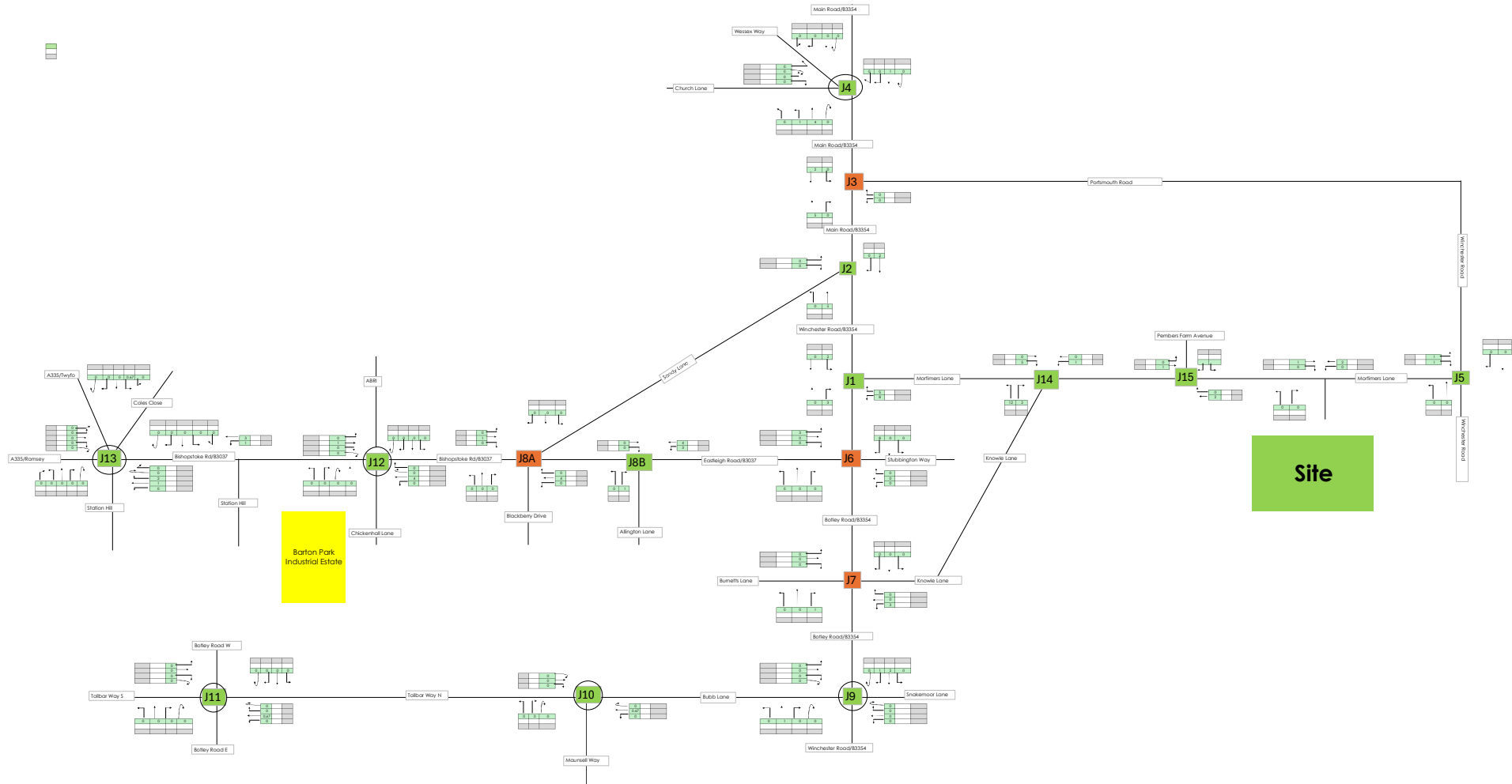
Base 5-6 PM



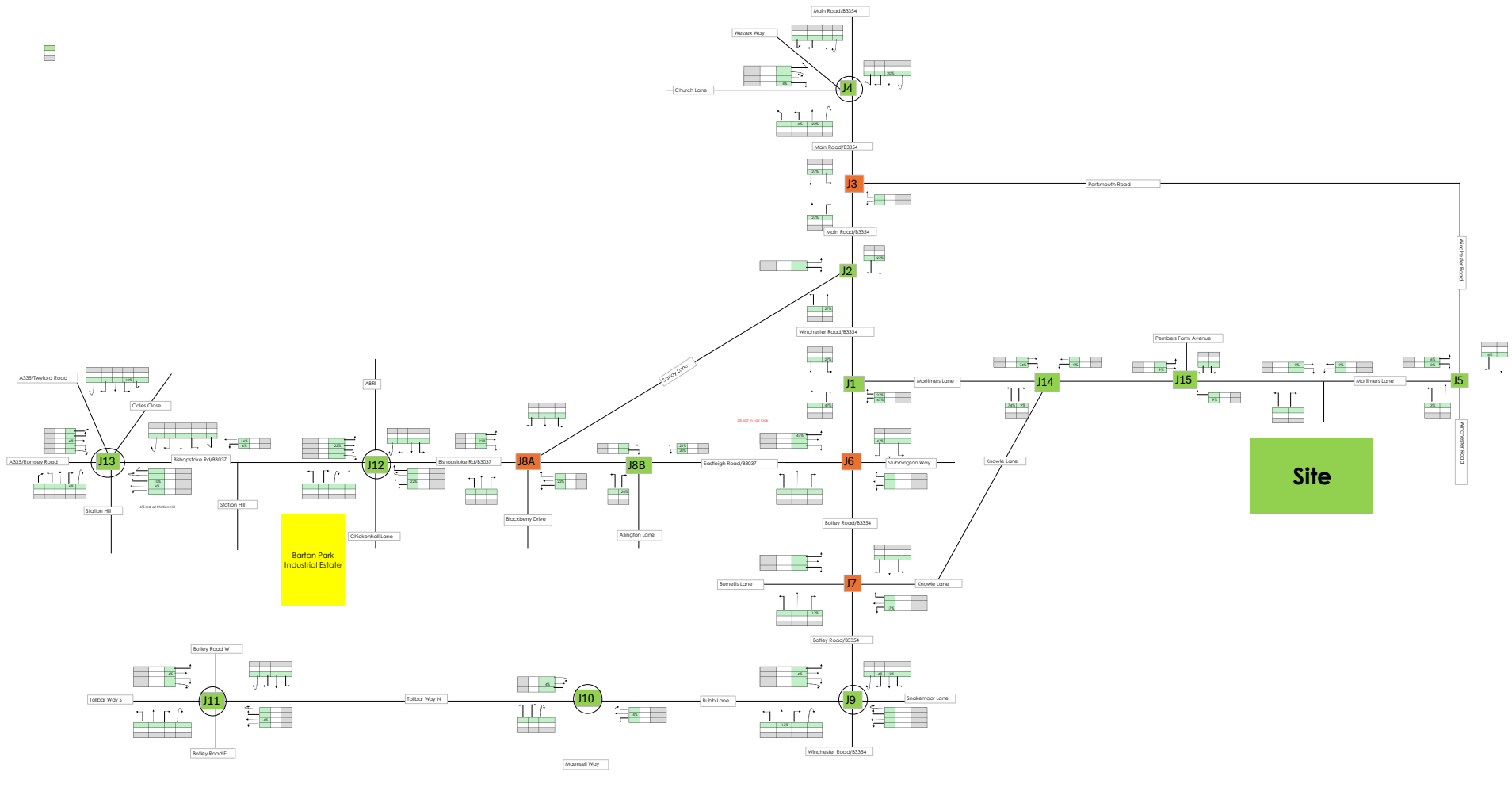
Land East of K.L. F2394668 AM



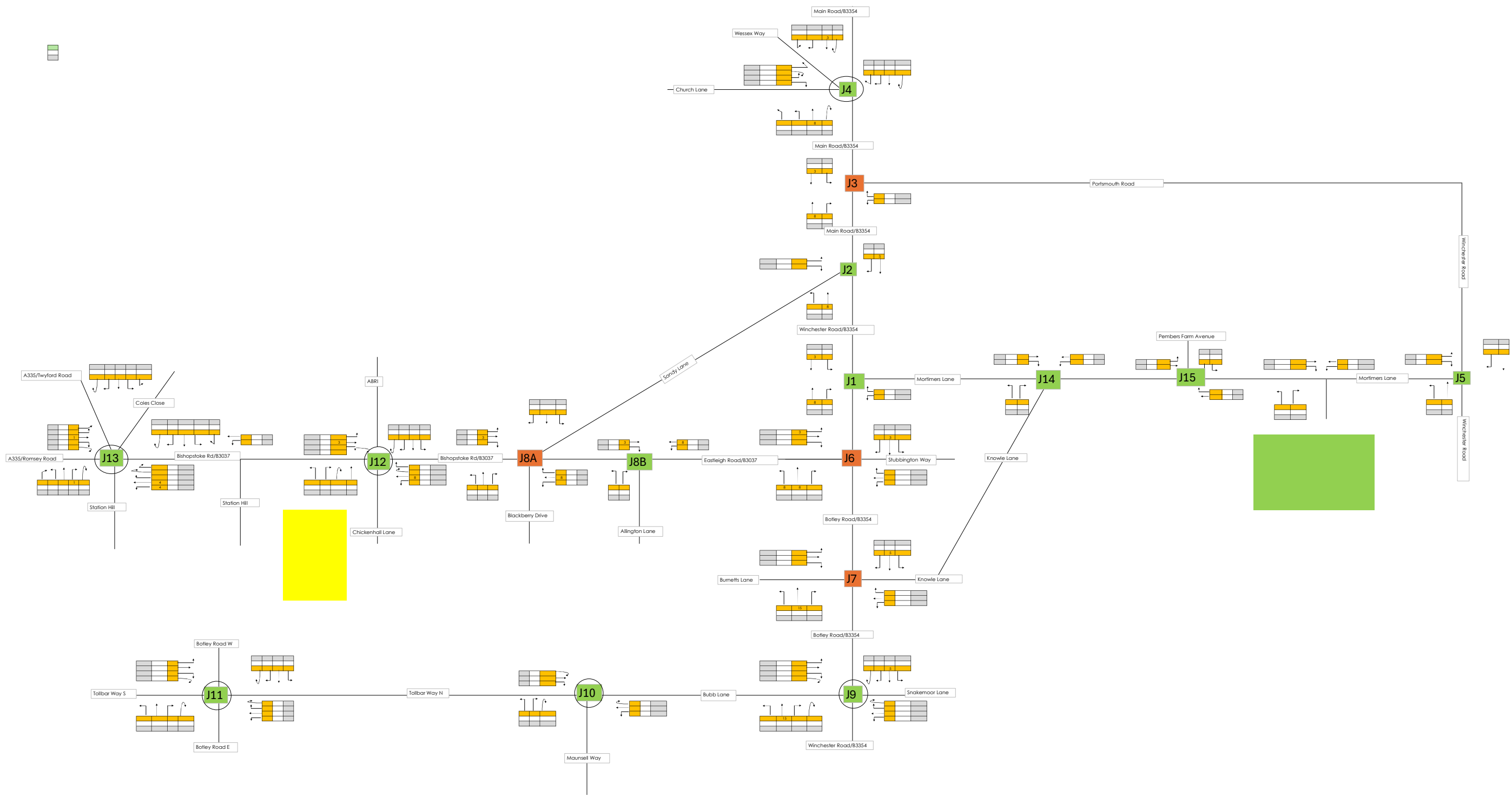
Land East of K.L. F2394668 PM



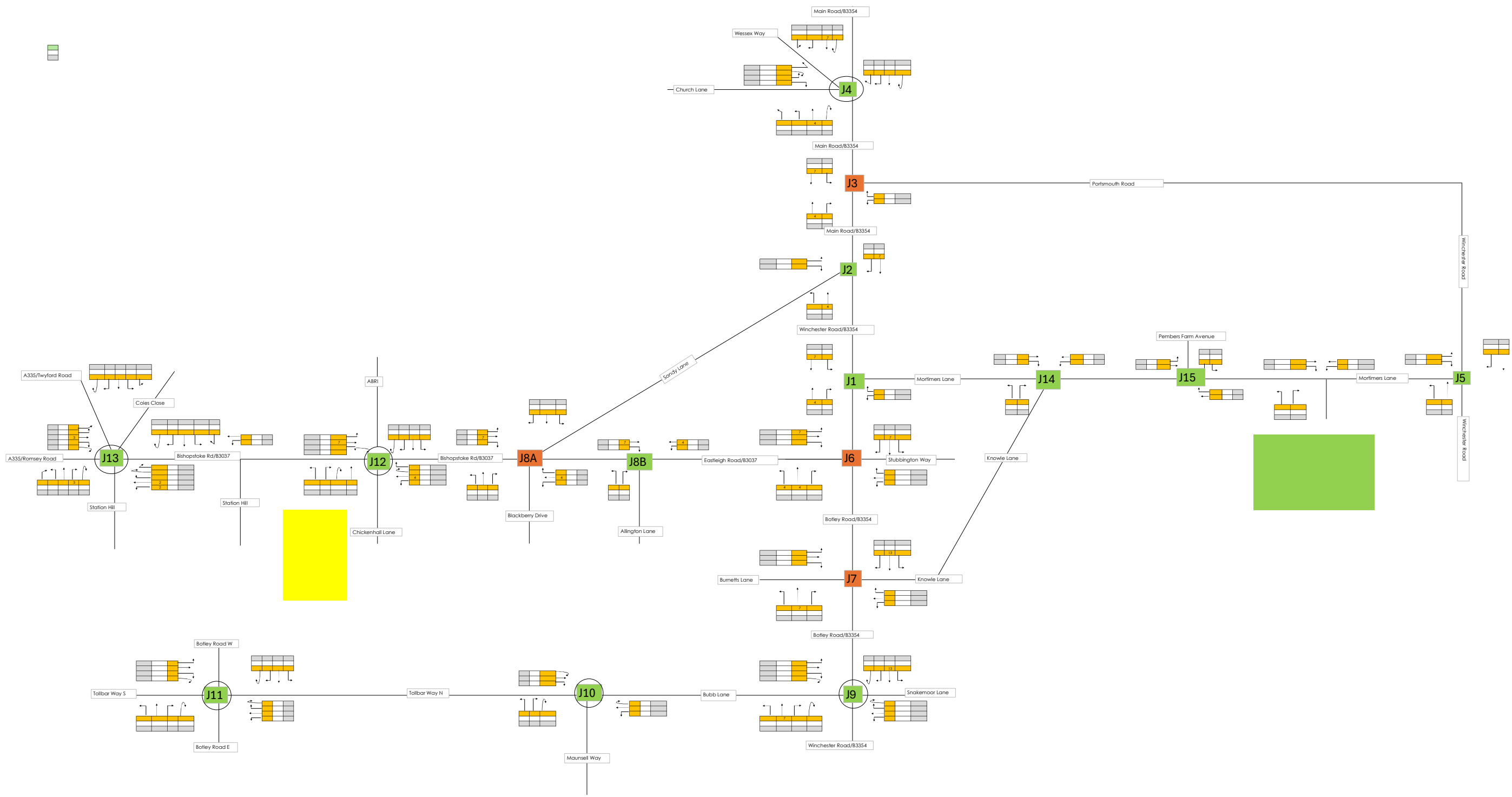
Employment % dist East of K.L.



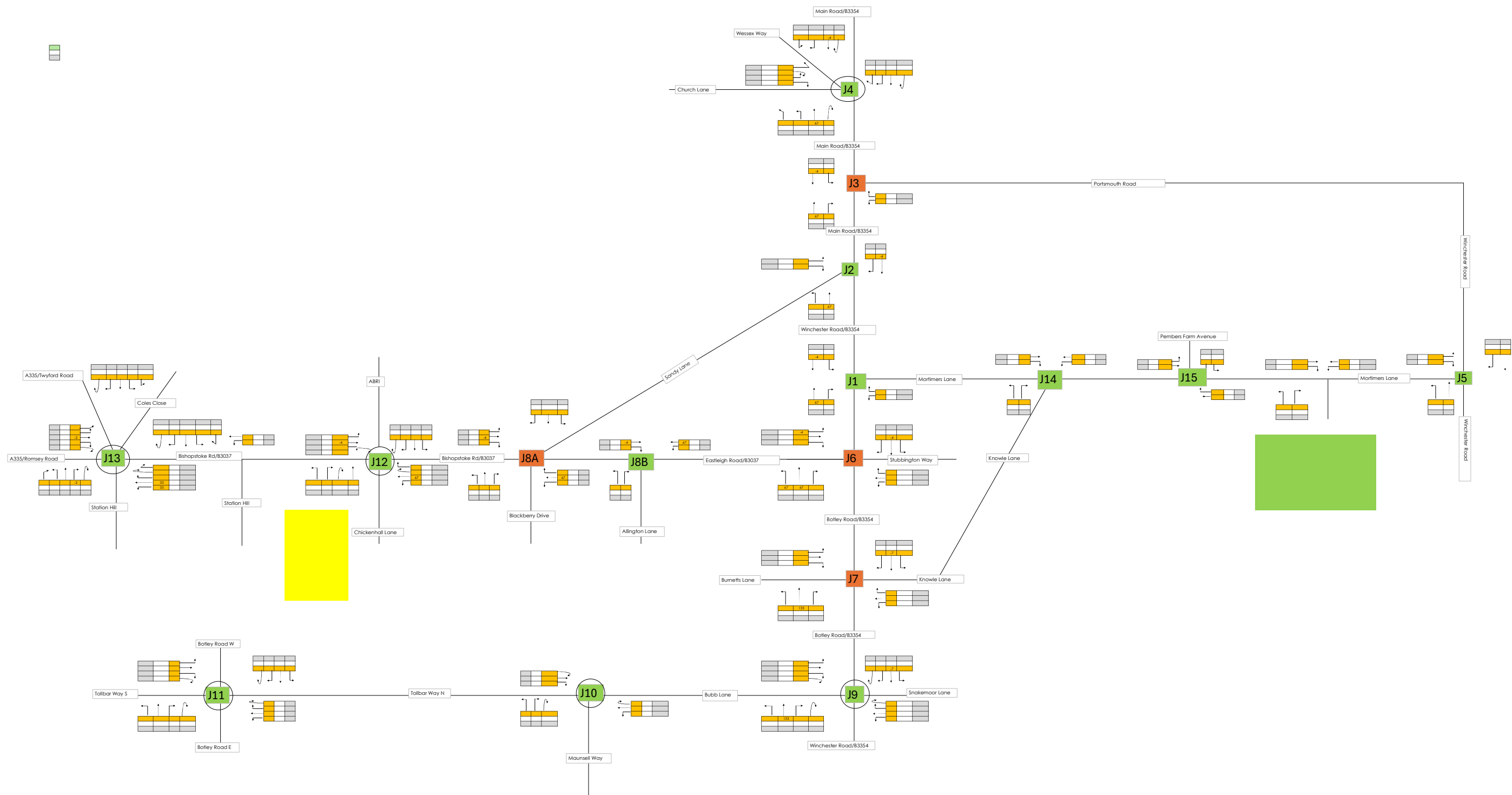
Maddoxford AND Crows Nest Ln AM



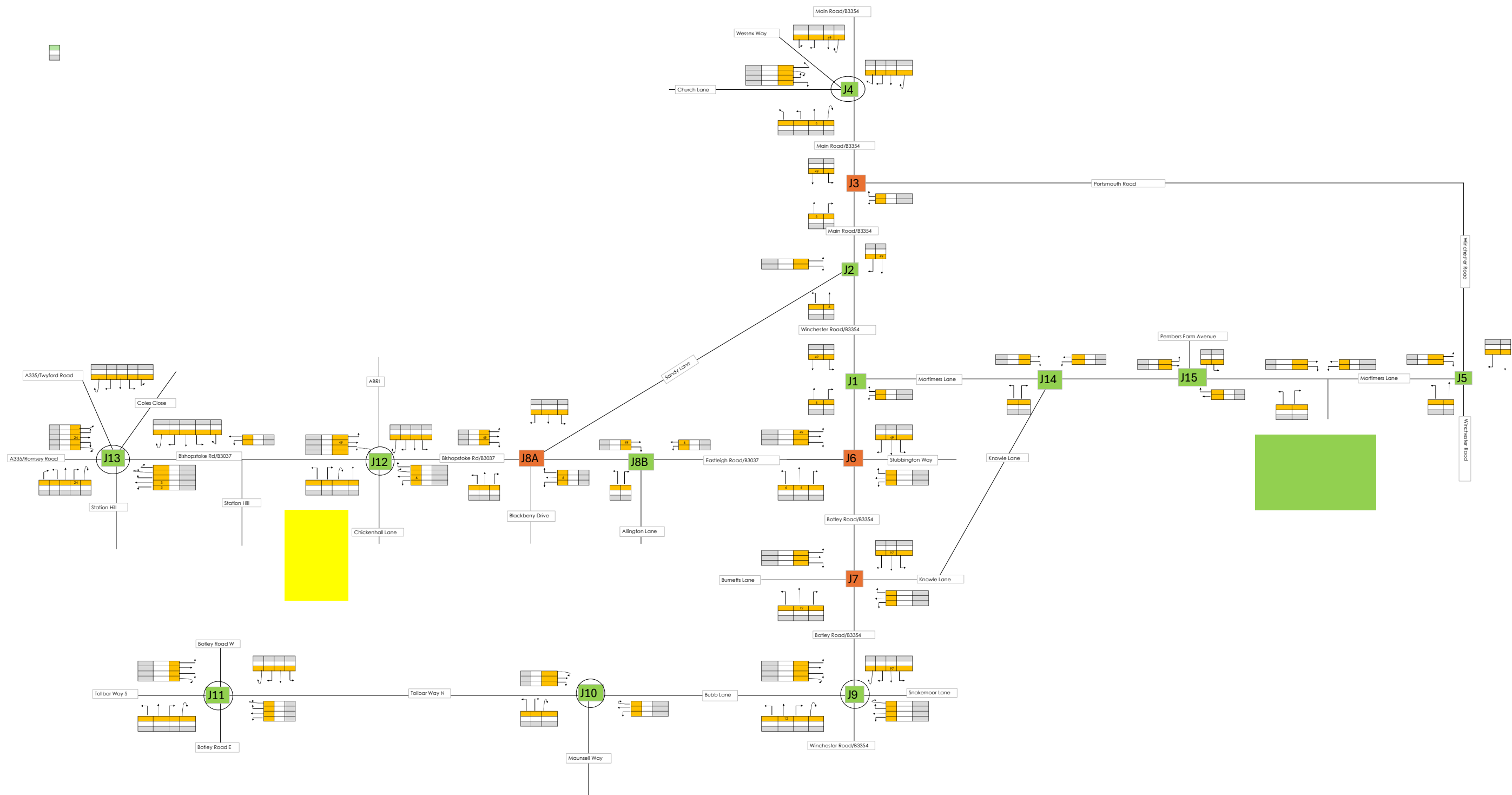
Maddoxford AND Crows Nest Ln PM



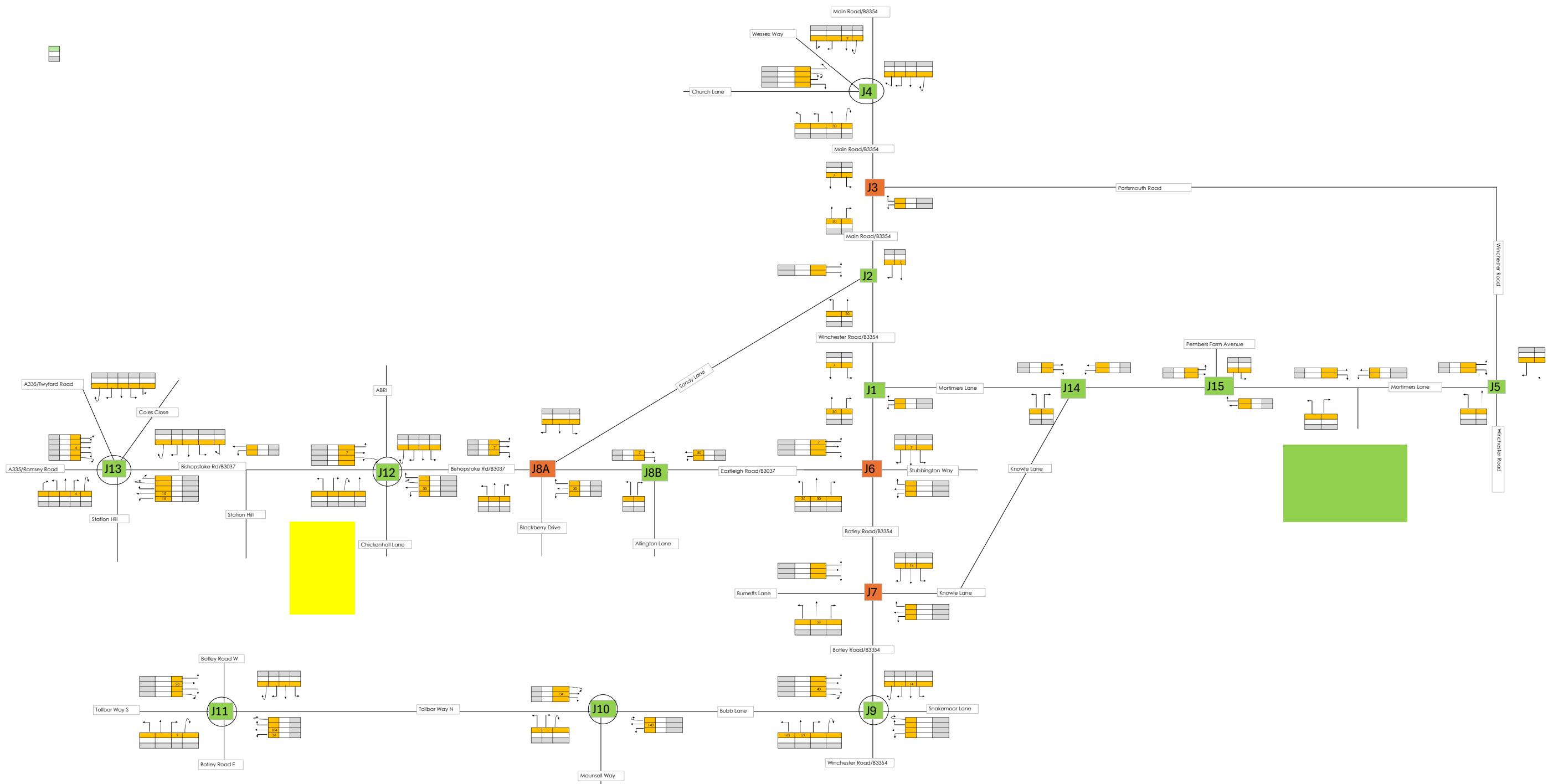
Woodhouse Lane AM

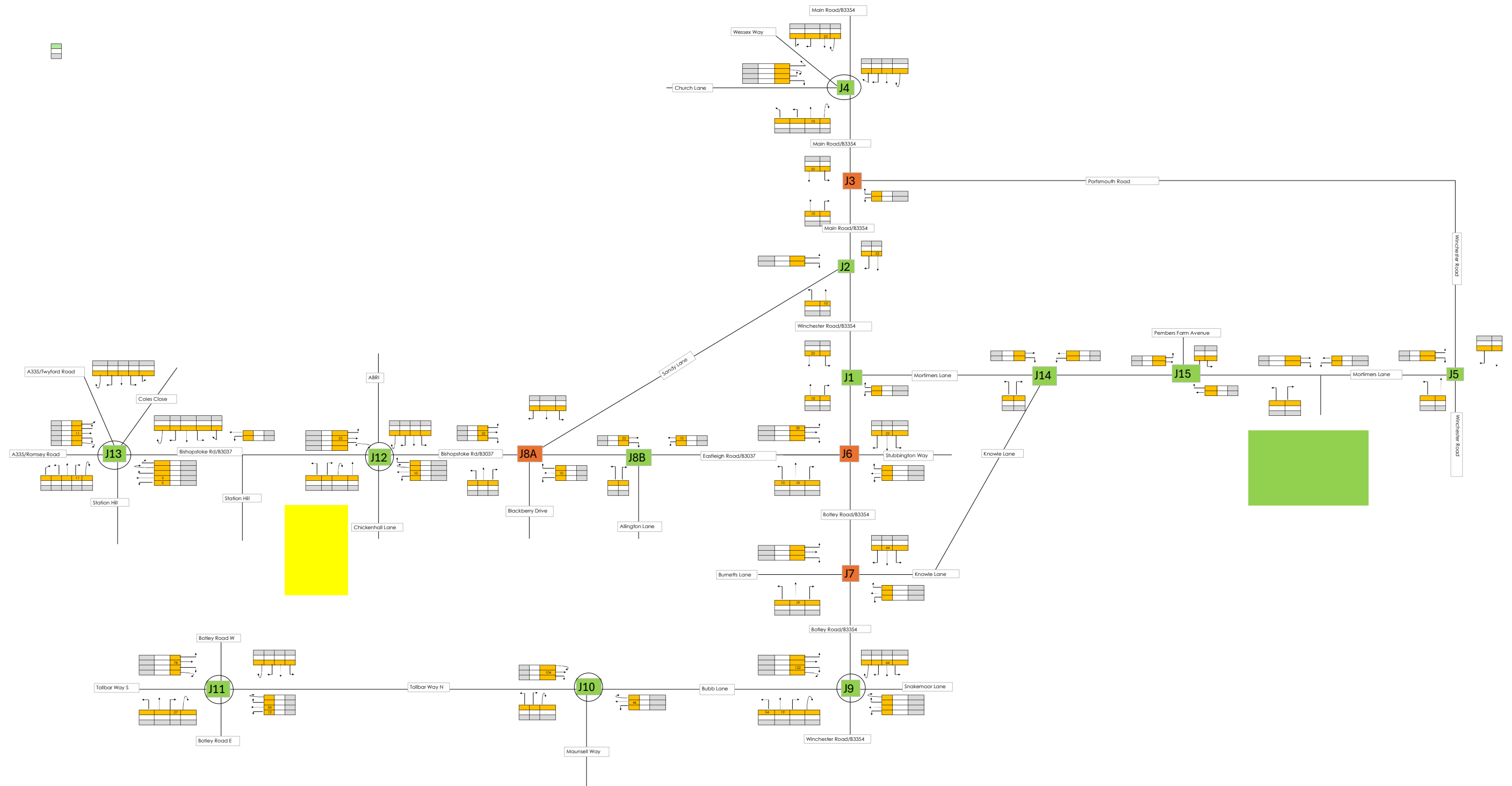


Woodhouse Lane PM

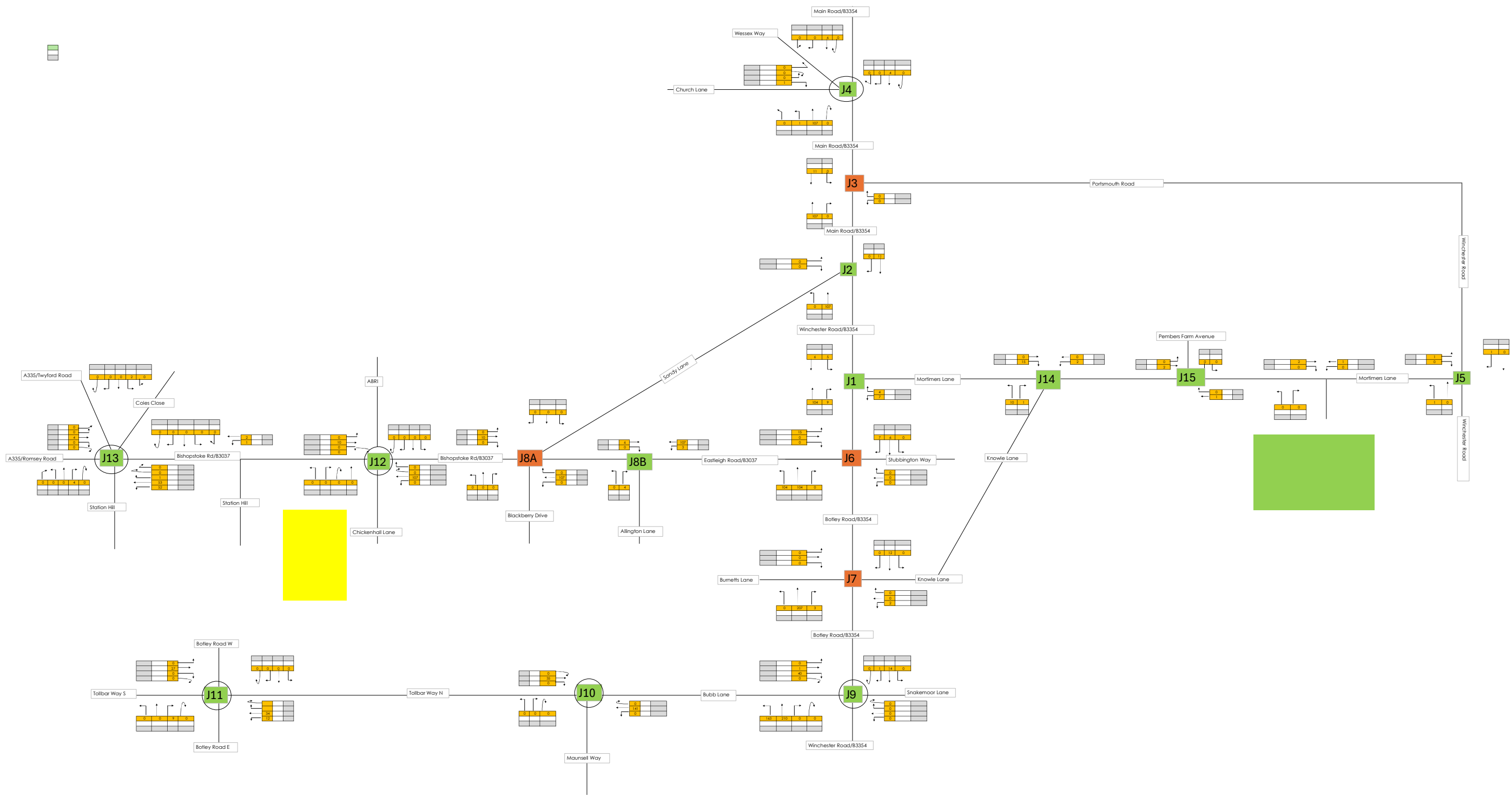


Boorley Gardens AM

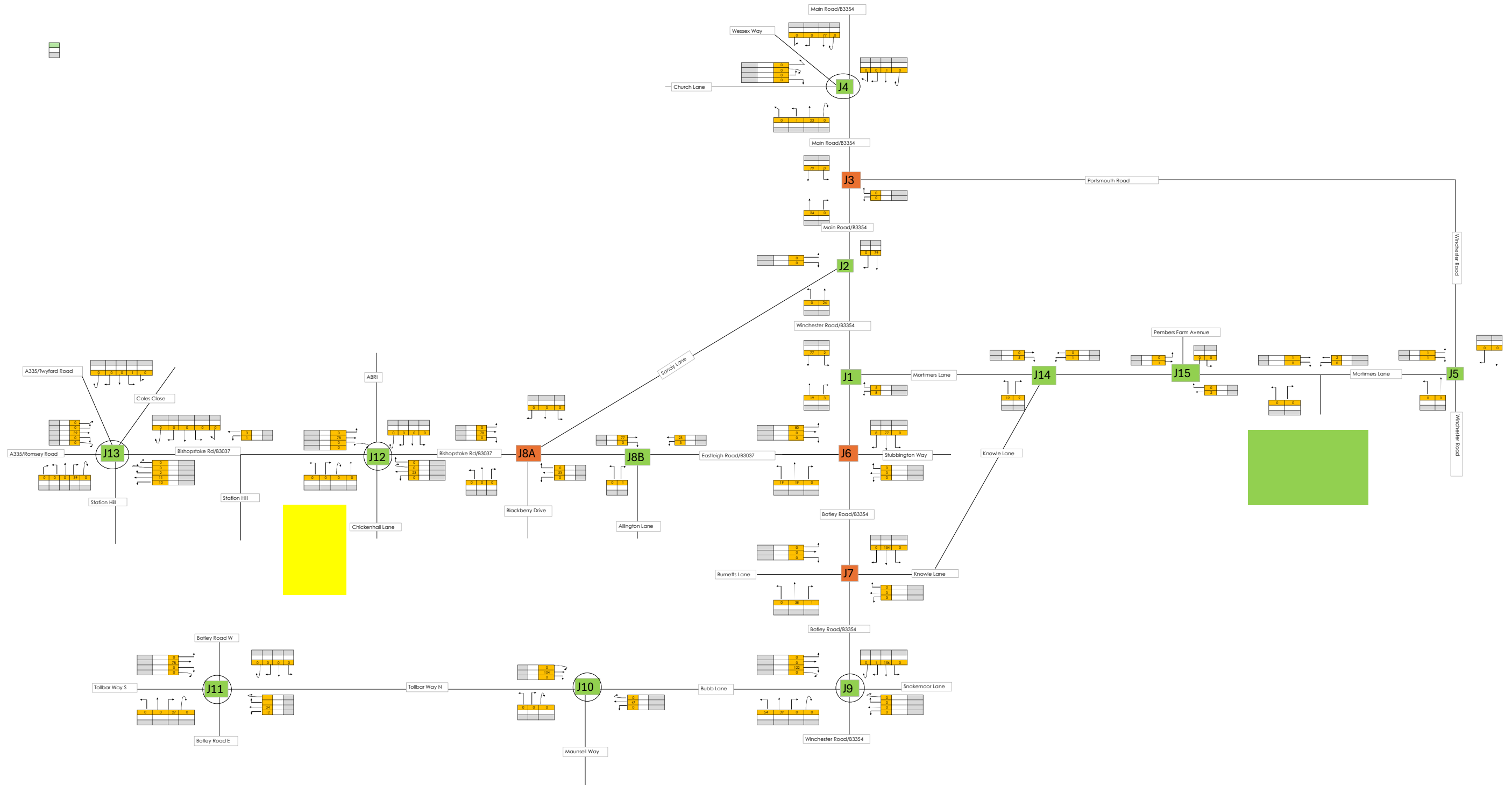




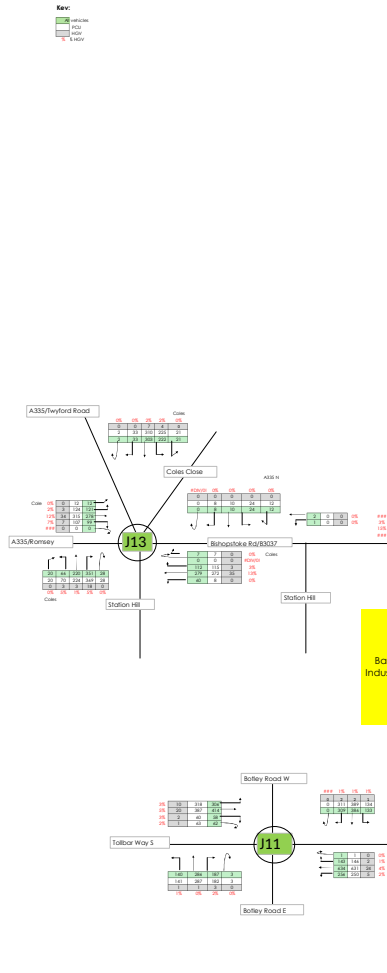
Committed AM



Committed PM



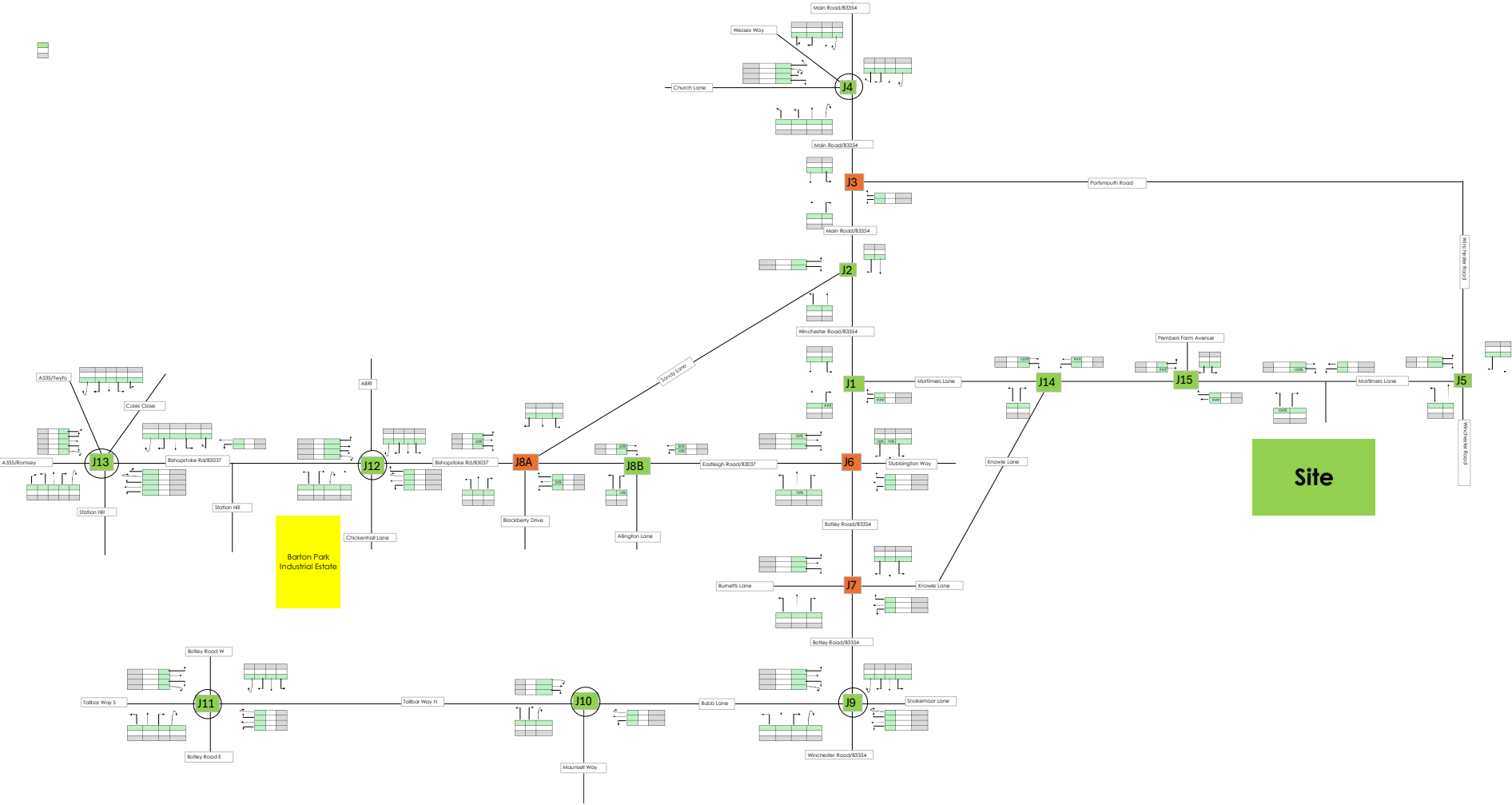
The site plan illustrates the proposed development area, which is a large green rectangle labeled 'Site'. The site is situated within a network of roads and existing buildings. The roads shown are Church Lane, Main Road/B3354, Portsmouth Road, Mortimer Lane, Knowle Lane, Buntingford Way, Botley Road/B3354, Burnetts Lane, Bubb Lane, Snake Moor Lane, and Winchester Road/B3354. Existing buildings are depicted with their footprints and internal layouts, including various rooms and corridors. The plan also includes a north arrow and a scale bar.



Future Year PM + CD



Primary Education % dist

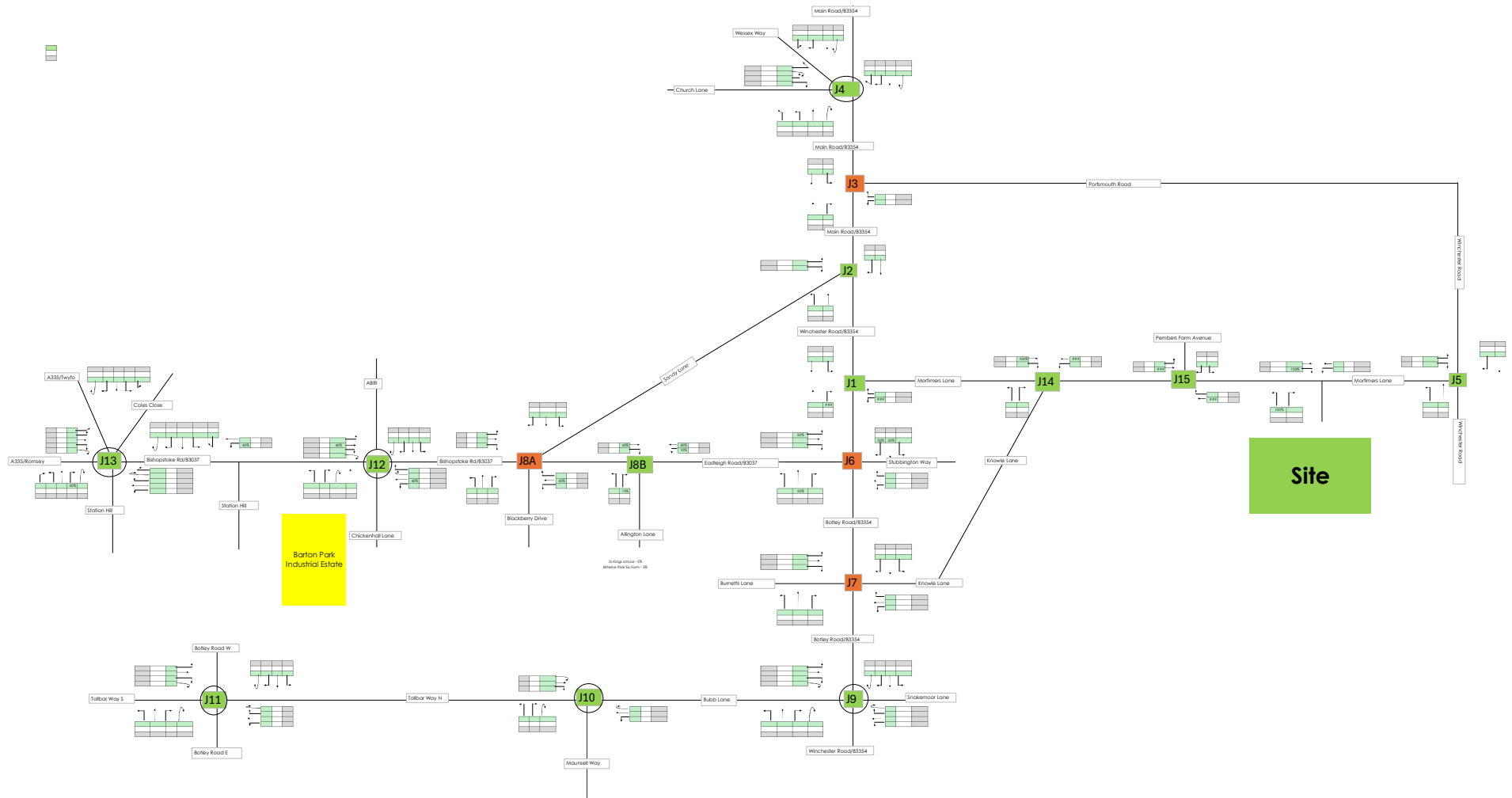


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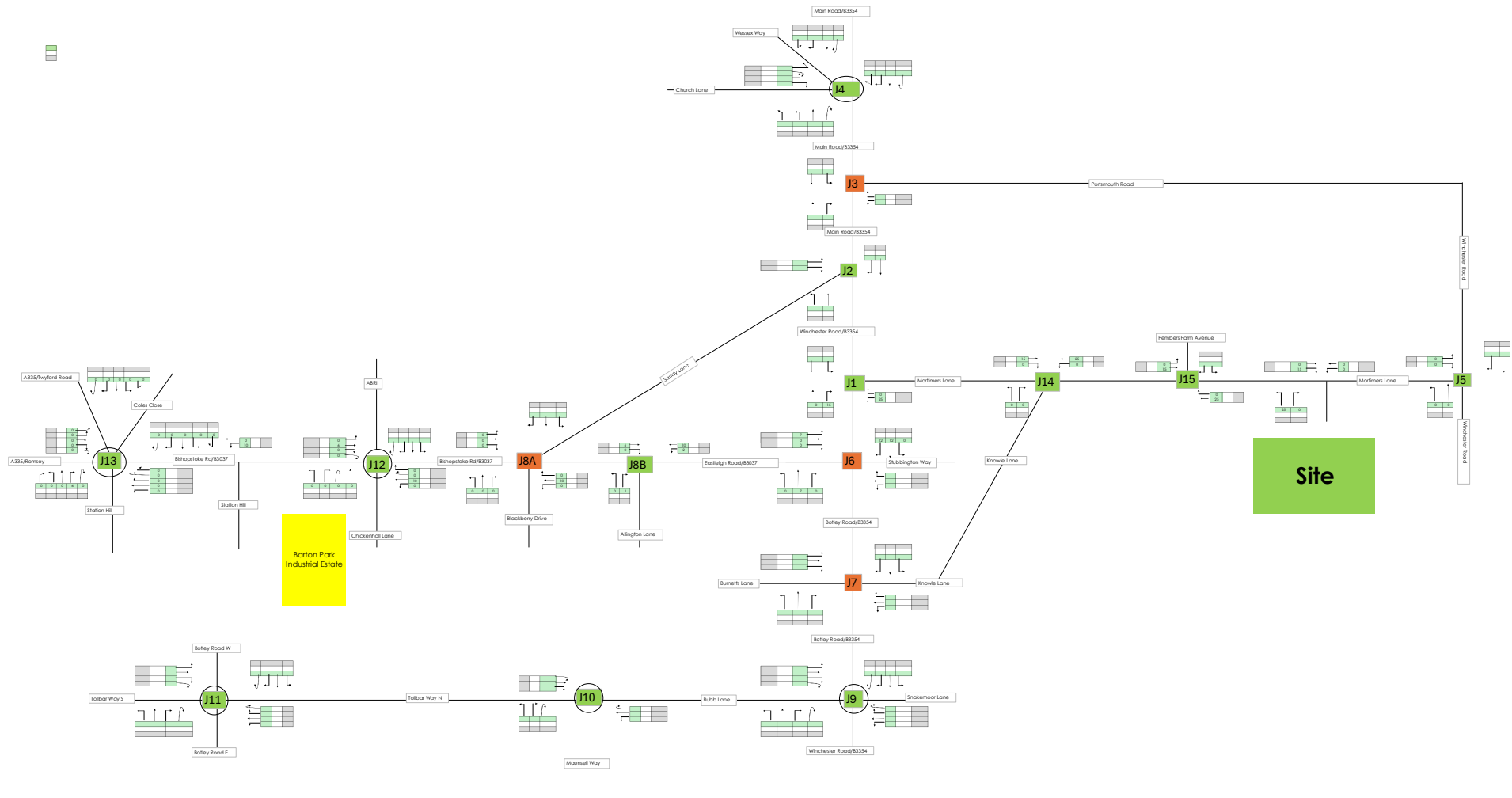
Site

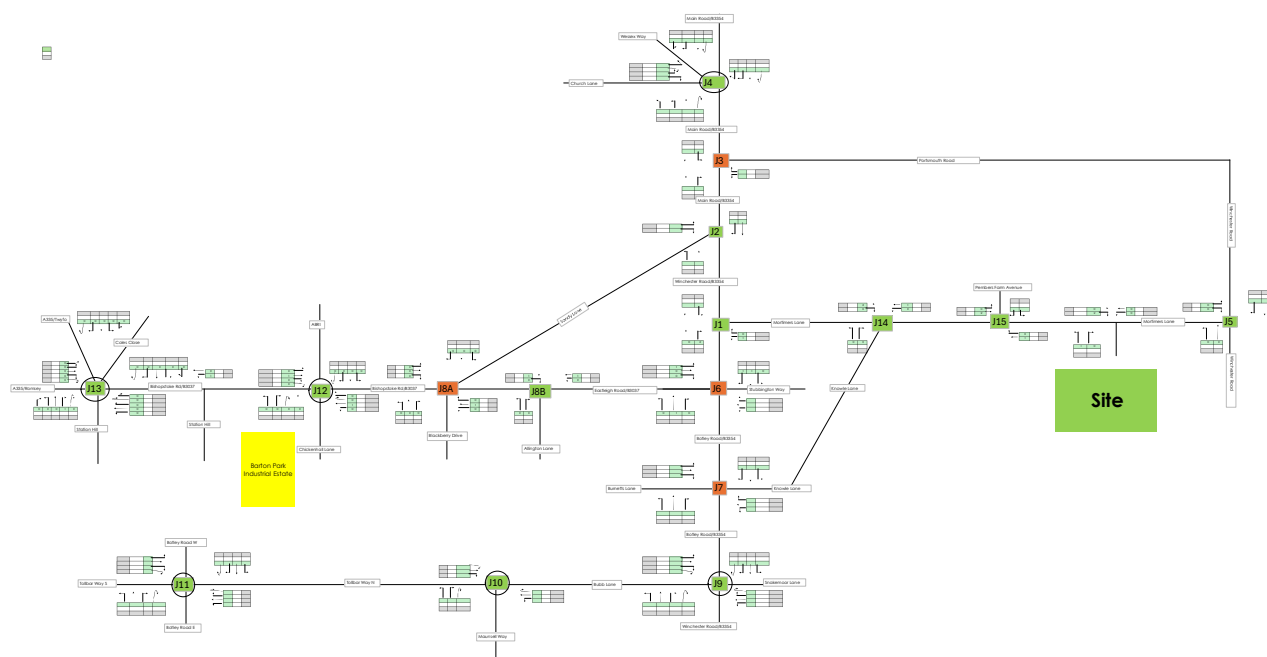
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Secondary Education % dist

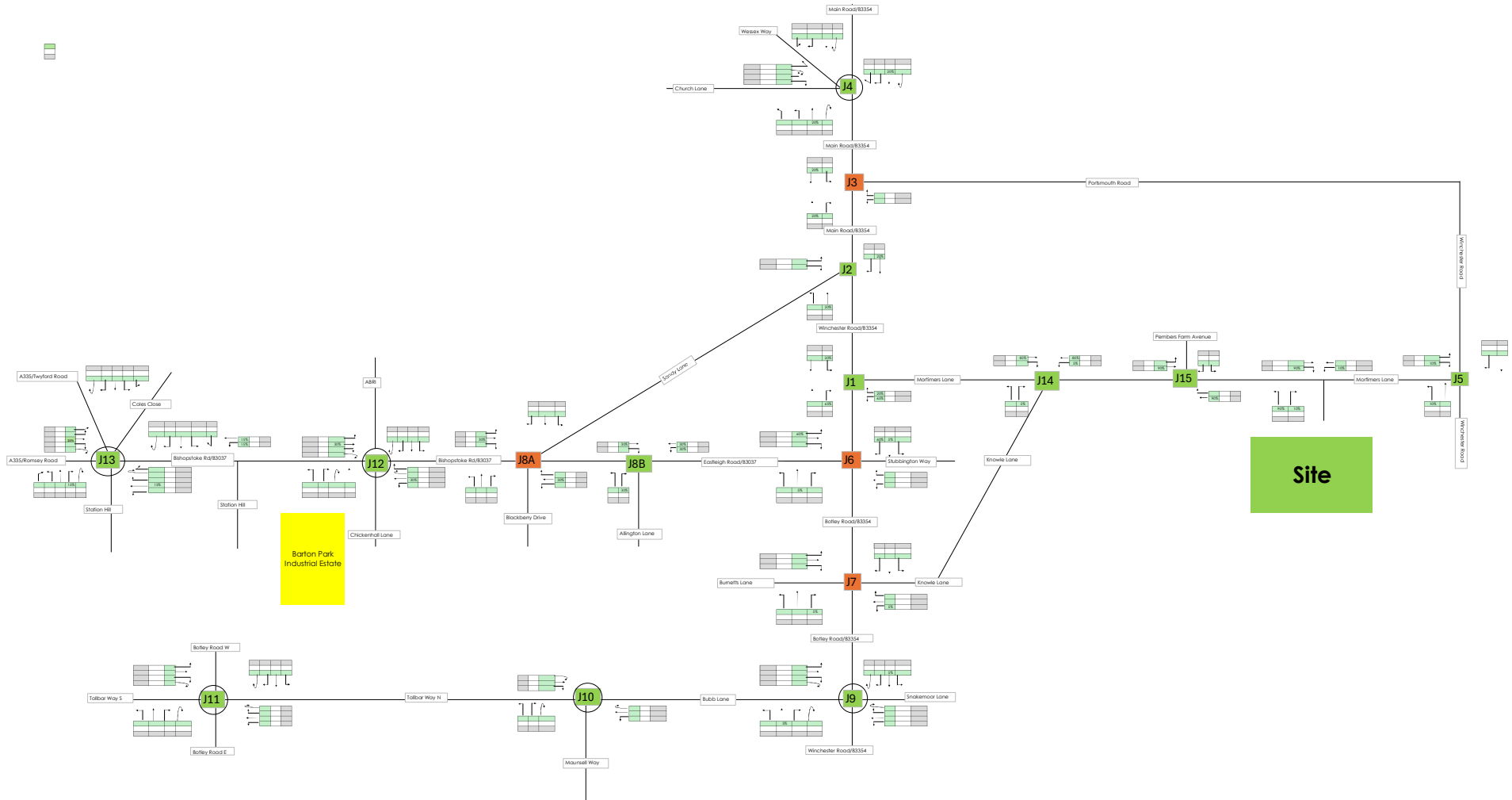


Secondary Education AM TRICS

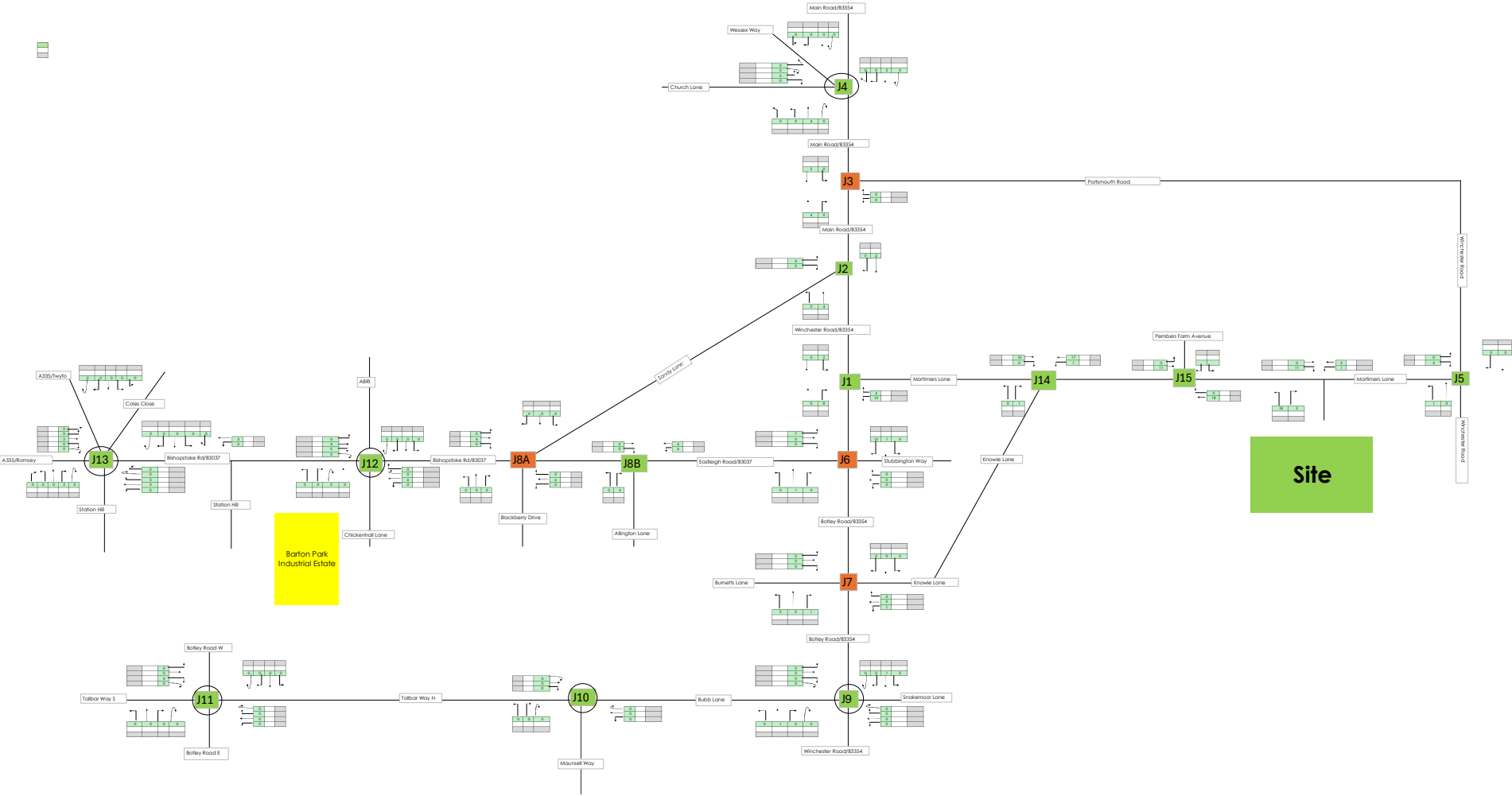




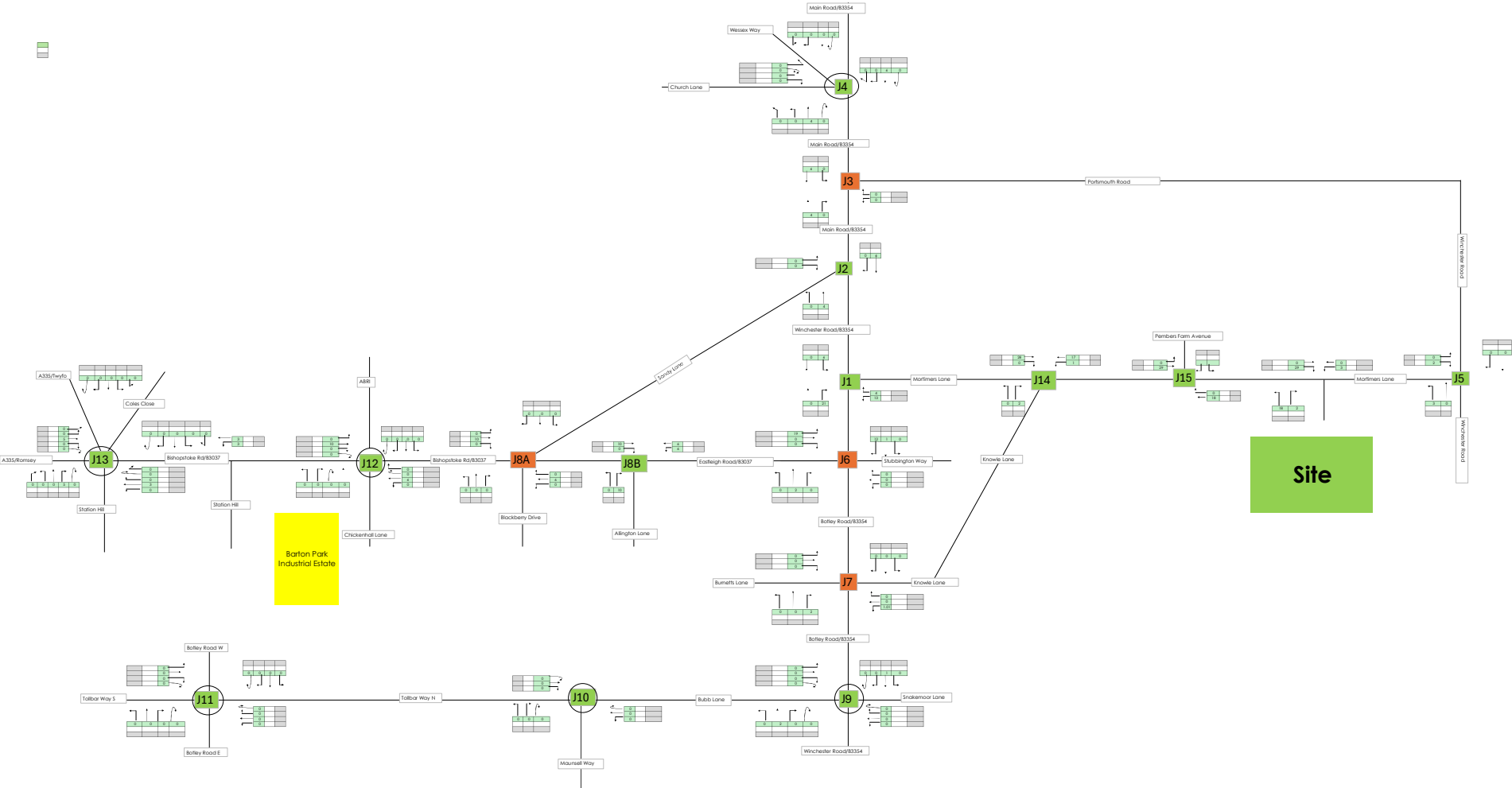
Leisure % dist



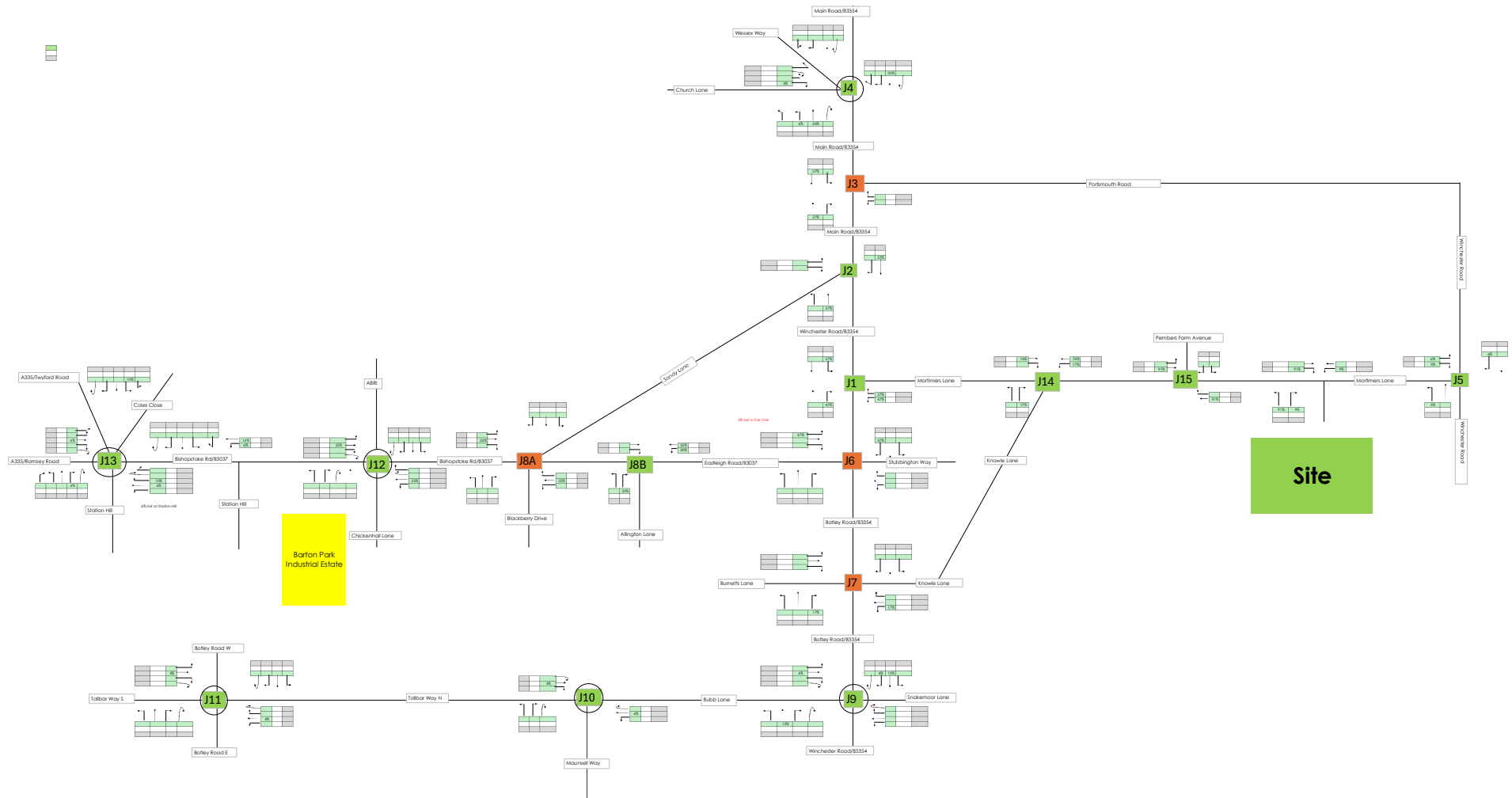
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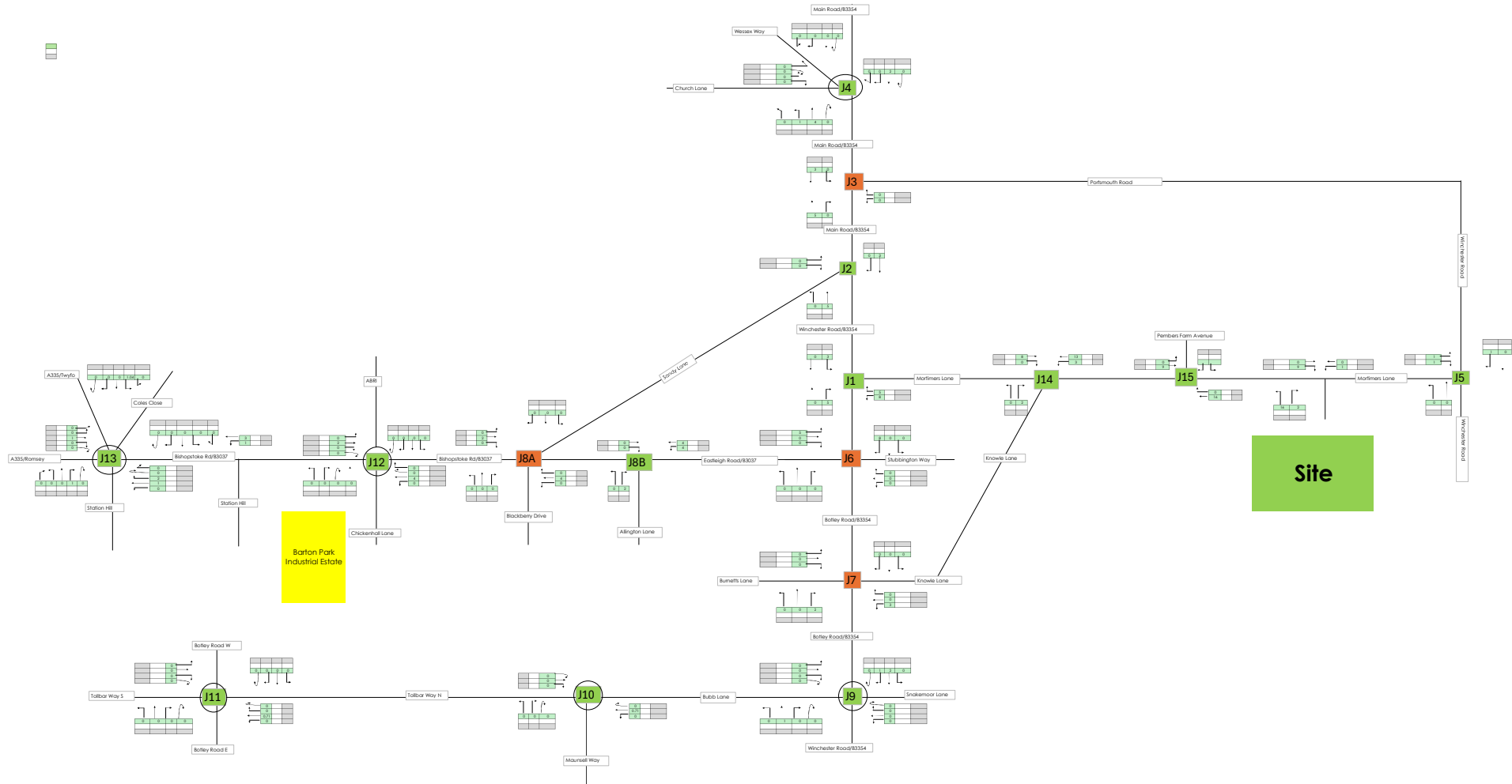
Leisure PM TRICS



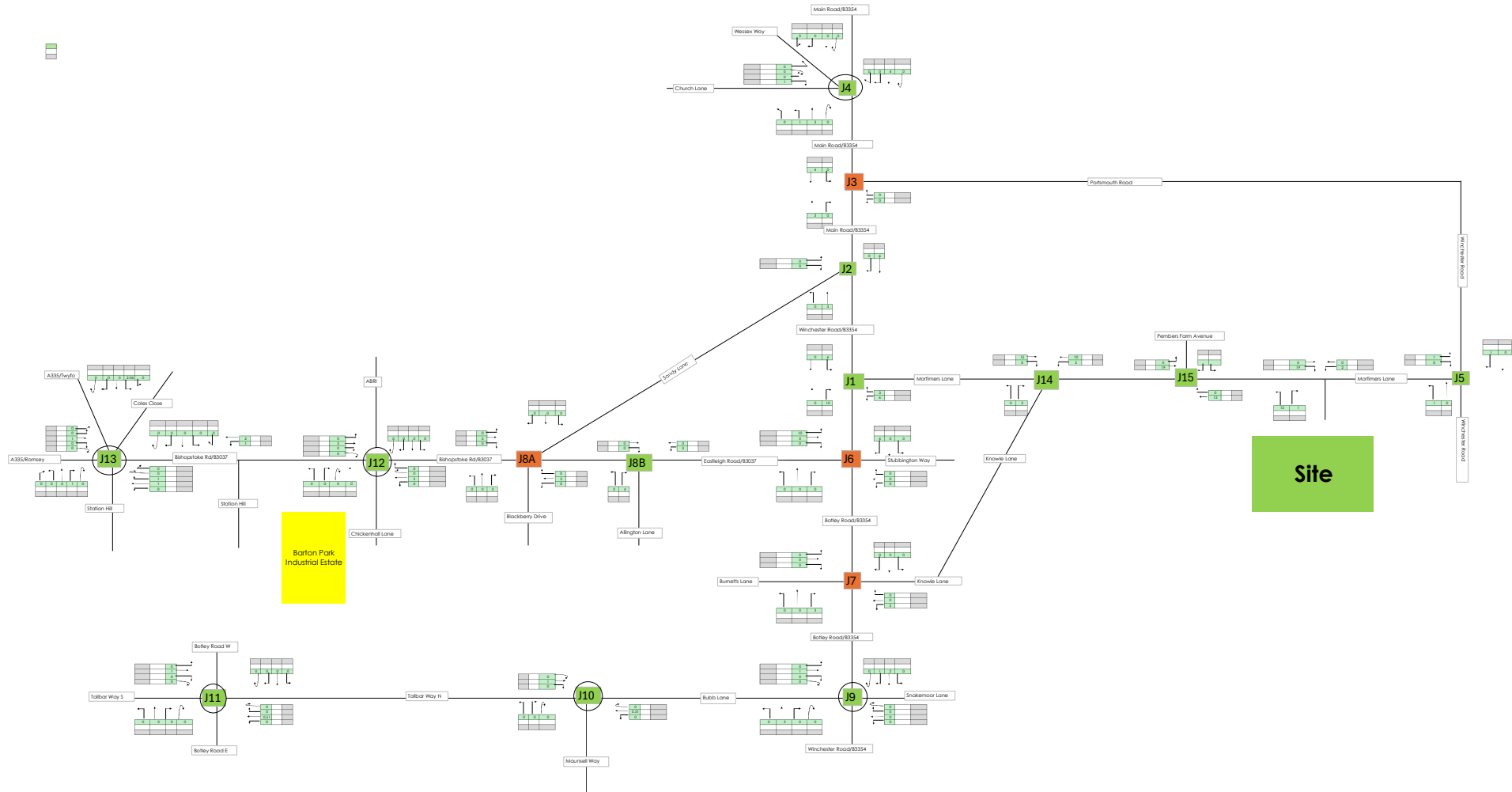
Employment % dist



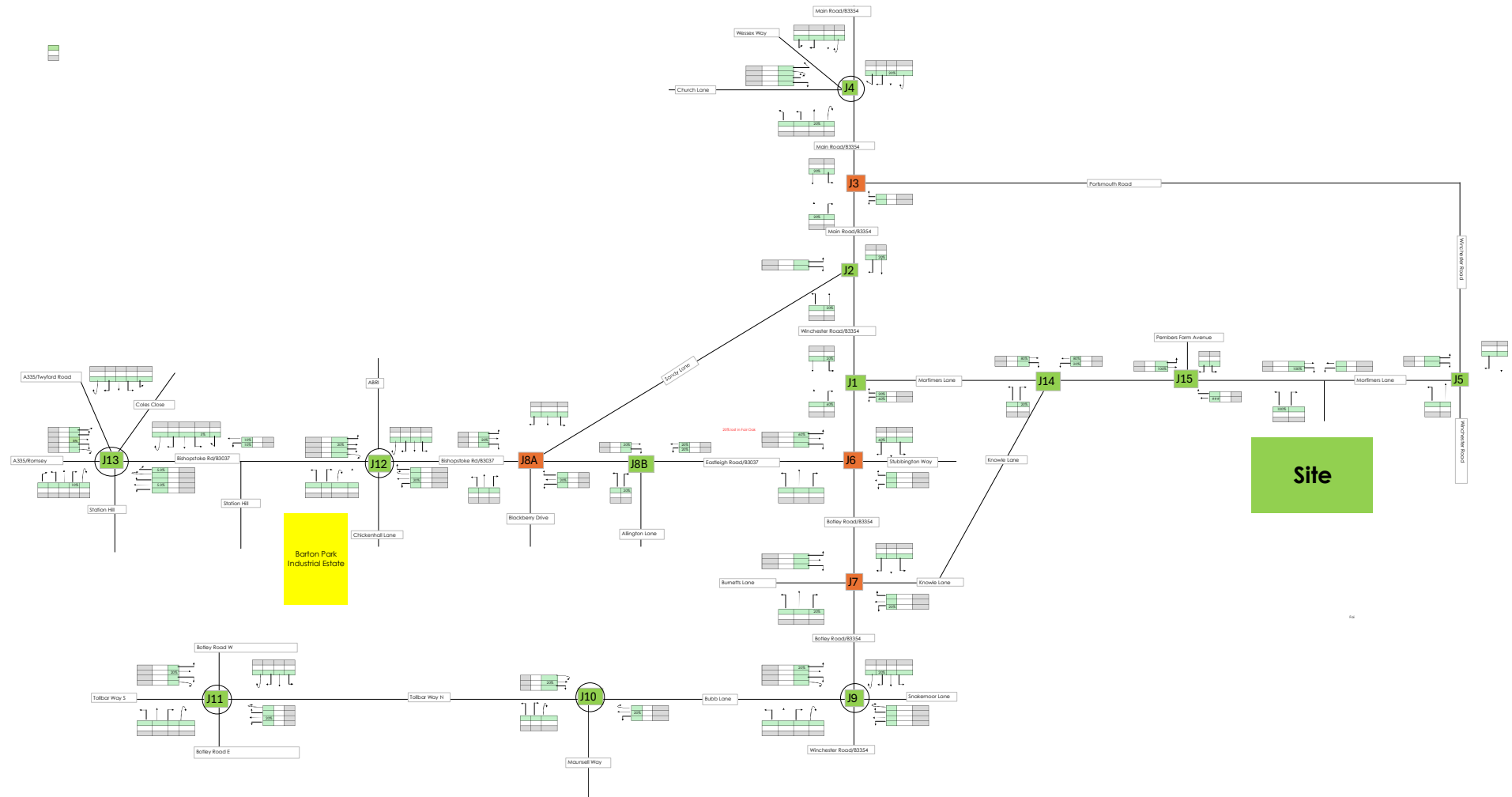
Employment AM TRICS



Employment PM TRICS



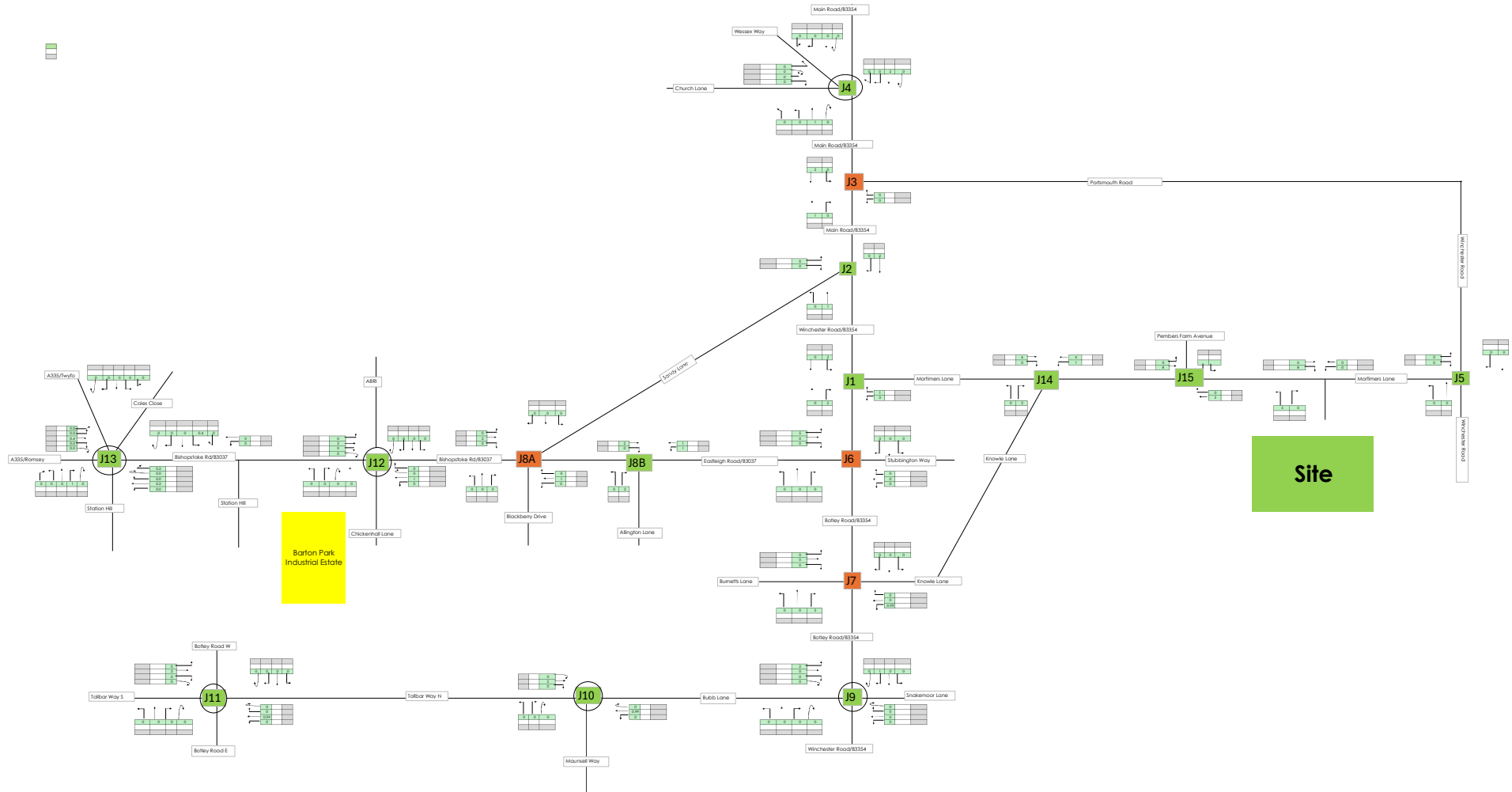
Retail % dist



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Site

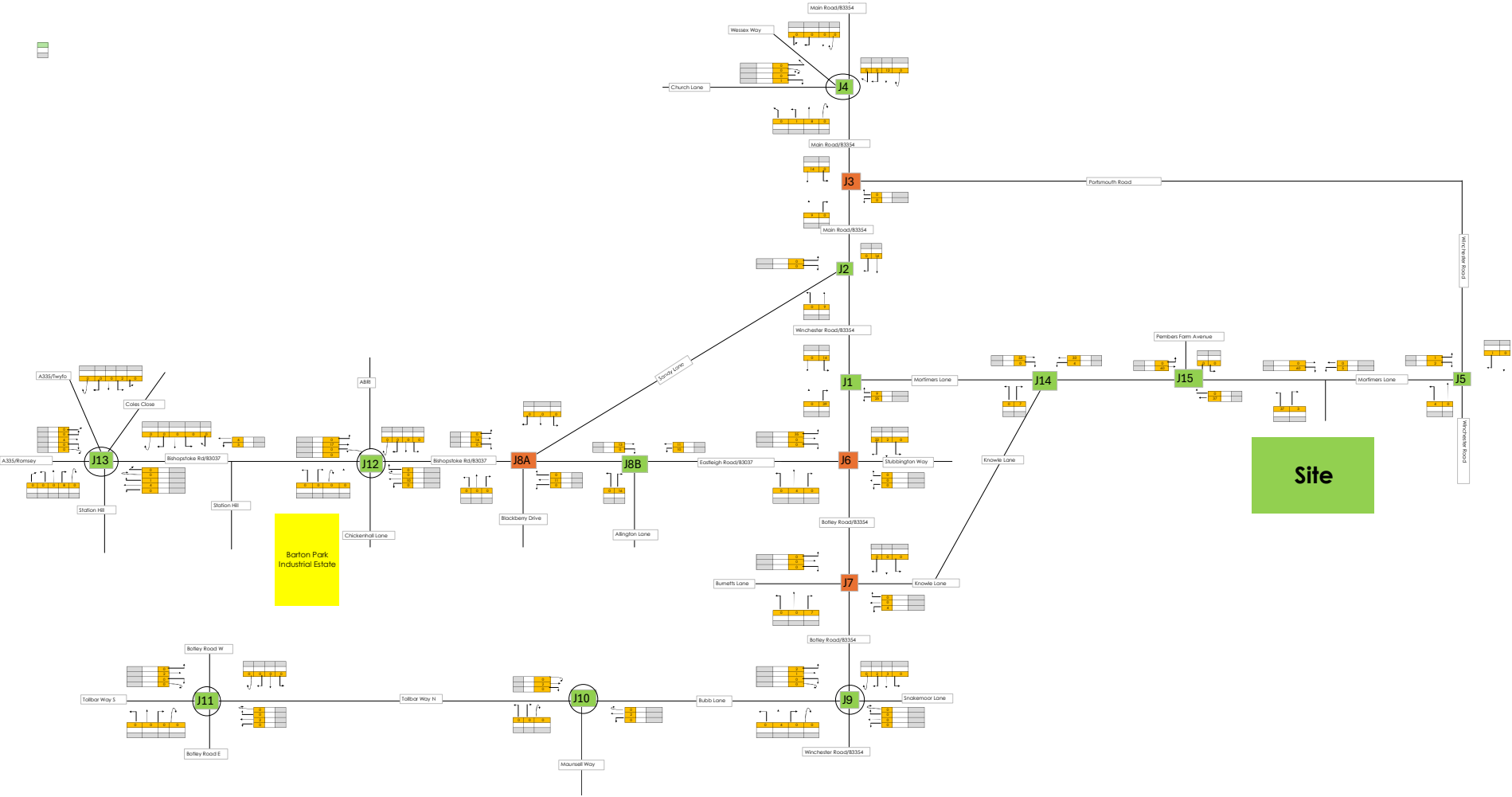
Retail PM TRICS



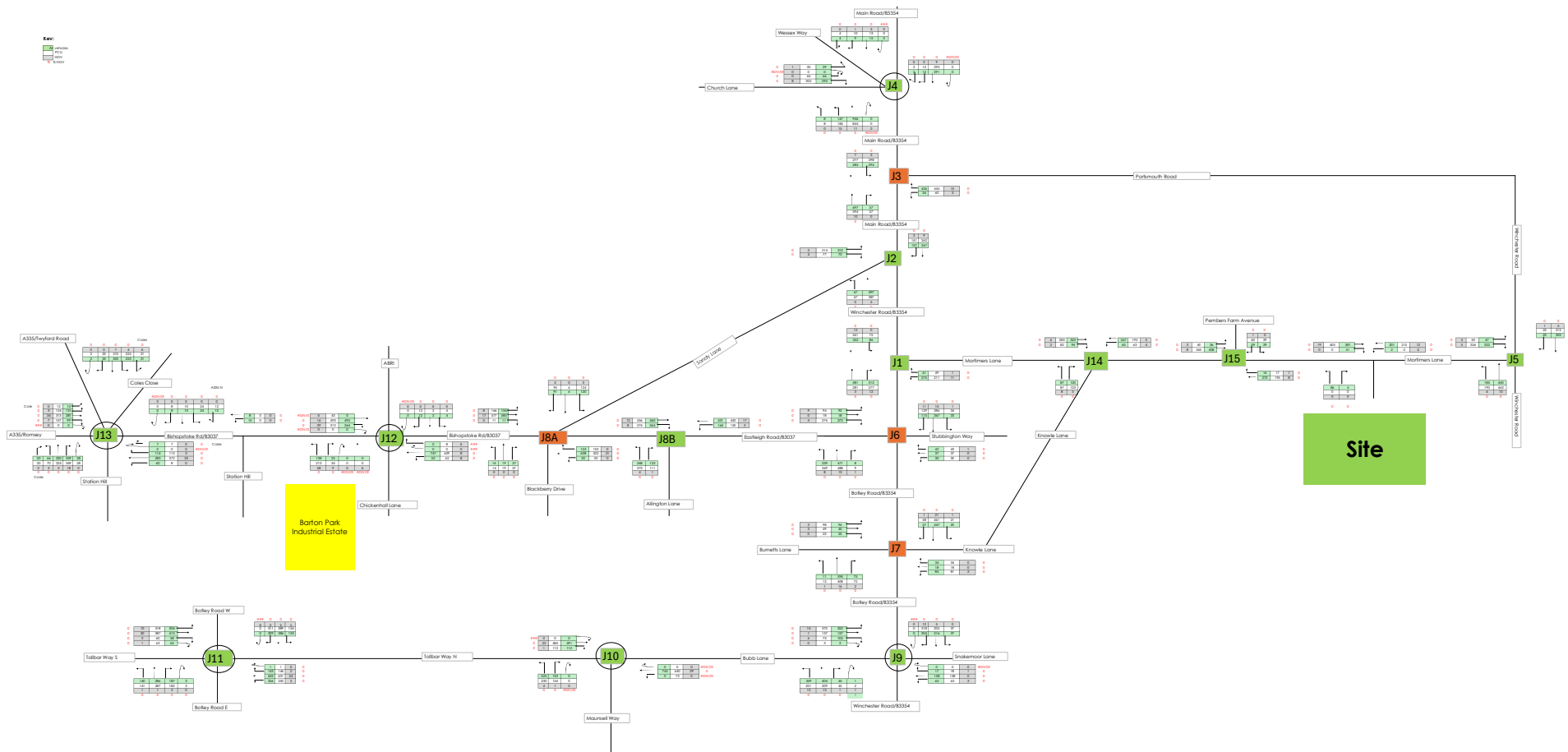
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Site

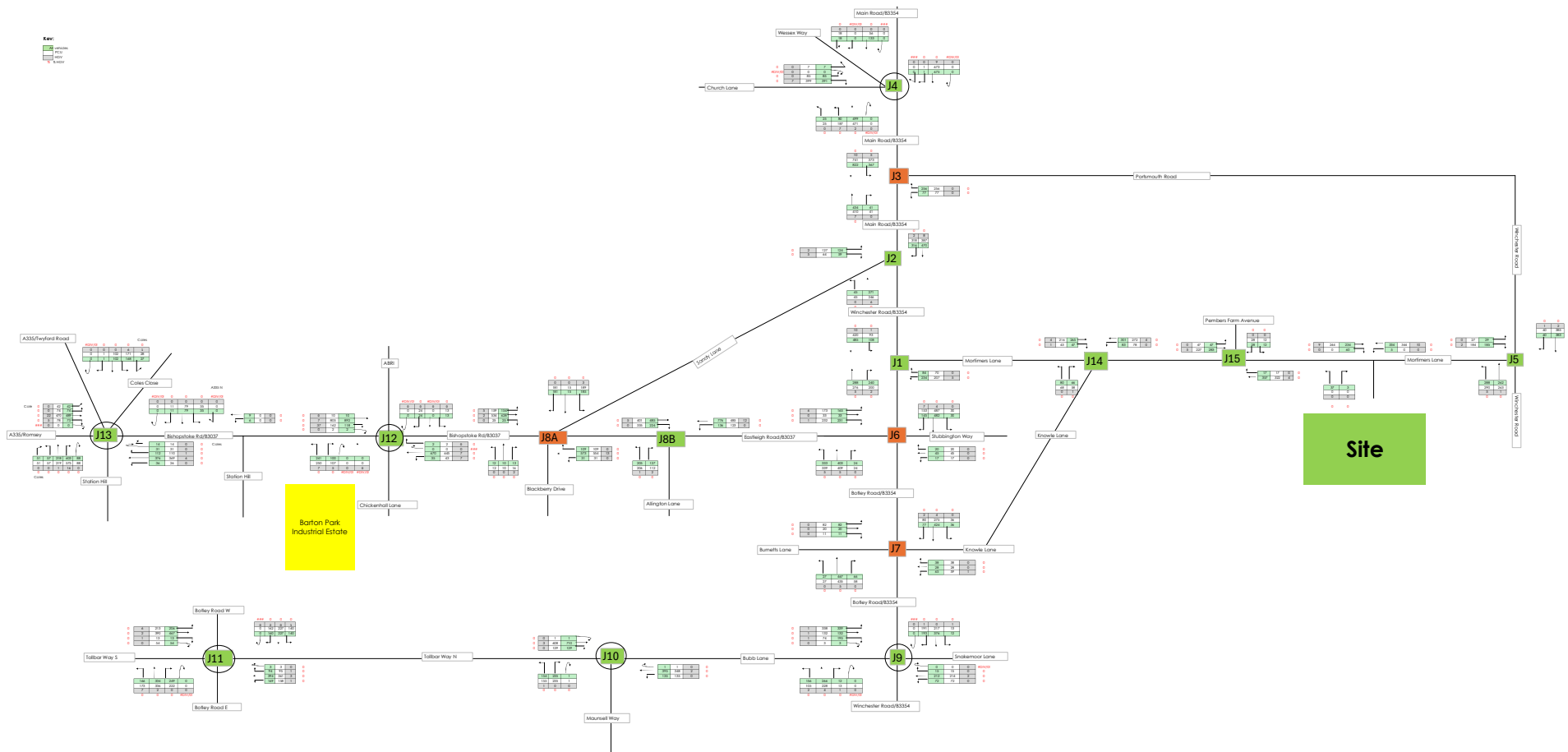
TOTAL DEV TRIPS - PM TRICS



Future Year AM + CD + Dev



Future Year PM + CD + Dev



Site Access / Mortimers Lane Vehicles - OD Tables

Base Year AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	200
B - Site Access	0	0	0
C - Mortimers Lane (W)	379	0	0

Base Year PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	332
B - Site Access	0	0	0
C - Mortimers Lane (W)	233	0	0

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	201
B - Site Access	0	0	0
C - Mortimers Lane (W)	381	0	0

Future Year + Committed PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	334
B - Site Access	0	0	0
C - Mortimers Lane (W)	234	0	0

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	2	201
B - Site Access	4	0	86
C - Mortimers Lane (W)	381	51	0

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	5	334
B - Site Access	3	0	37
C - Mortimers Lane (W)	234	60	0

Site Access / Mortimers Lane HGVs - OD Tables

Base Year AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	6.00%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	5.01%	0.00%	0.00%

Base Year PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	3.01%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	3.86%	0.00%	0.00%

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	5.97%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	4.99%	0.00%	0.00%

Future Year + Committed PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	2.99%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	3.85%	0.00%	0.00%

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	5.97%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	4.99%	0.00%	0.00%

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Site Access	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	2.99%
B - Site Access	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	3.85%	0.00%	0.00%

Mortimers Lane / Winchester Road Vehicles - OD TablesBase Year AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	75	246
B - Mortimers Lane	48	0	197
C - Winchester Road (S)	277	261	0

Base Year PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	92	408
B - Mortimers Lane	70	0	201
C - Winchester Road (S)	269	198	0

Future Year + Committed AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	80	252
B - Mortimers Lane	52	0	204
C - Winchester Road (S)	381	270	0

Future Year + Committed PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	94	485
B - Mortimers Lane	75	0	209
C - Winchester Road (S)	288	201	0

Future Year + Committed + Development AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	86	252
B - Mortimers Lane	61	0	275
C - Winchester Road (S)	381	312	0

Future Year + Committed + Development PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0	108	485
B - Mortimers Lane	84	0	234
C - Winchester Road (S)	288	240	0

Mortimers Lane / Winchester Road HGVs - OD TablesBase Year AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	0.00%	4.88%
B - Mortimers Lane	2.08%	0.00%	5.58%
C - Winchester Road (S)	1.08%	4.60%	0.00%

Base Year PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	1.09%	2.45%
B - Mortimers Lane	0.00%	0.00%	2.49%
C - Winchester Road (S)	1.86%	1.01%	0.00%

Future Year + Committed AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	0.00%	4.76%
B - Mortimers Lane	1.92%	0.00%	5.39%
C - Winchester Road (S)	0.79%	4.44%	0.00%

Future Year + Committed PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	1.06%	2.06%
B - Mortimers Lane	0.00%	0.00%	2.39%
C - Winchester Road (S)	1.74%	1.00%	0.00%

Future Year + Committed + Development AM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	0.00%	4.76%
B - Mortimers Lane	1.64%	0.00%	4.00%
C - Winchester Road (S)	0.79%	3.85%	0.00%

Future Year + Committed + Development PM

To/From	A - Winchester Road (N)	B - Mortimers Lane	C - Winchester Road (S)
A - Winchester Road (N)	0.00%	0.93%	2.06%
B - Mortimers Lane	0.00%	0.00%	2.14%
C - Winchester Road (S)	1.74%	0.83%	0.00%

B3354 / Stubbington Way / B3037 PCU - OD Tables

Base Year AM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	34	350	80
B - Stubbington Way	43	0	30	37
C - B3354 Botley Road (S)	367	9	0	245
D- B3037 Eastleigh Road	54	18	276	0

Base Year PM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	30	408	123
B - Stubbington Way	20	0	17	45
C - B3354 Botley Road (S)	386	24	0	320
D- B3037 Eastleigh Road	58	33	232	0

Future Year + Committed AM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	34	356	87
B - Stubbington Way	43	0	30	37
C - B3354 Botley Road (S)	471	9	0	349
D- B3037 Eastleigh Road	69	18	276	0

Future Year + Committed PM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	30	485	131
B - Stubbington Way	20	0	17	45
C - B3354 Botley Road (S)	405	24	0	339
D- B3037 Eastleigh Road	138	33	232	0

Future Year + Committed + Development AM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	34	386	129
B - Stubbington Way	43	0	30	37
C - B3354 Botley Road (S)	488	9	0	349
D- B3037 Eastleigh Road	94	18	276	0

Future Year + Committed + Development PM

To/From	A - B3354 Botley Road (N)	B - Stubbington Way	C - B3354 Botley Road (S)	D- B3037 Eastleigh Road
A - B3354 Botley Road (N)	0	30	487	153
B - Stubbington Way	20	0	17	45
C - B3354 Botley Road (S)	409	24	0	339
D- B3037 Eastleigh Road	173	33	232	0

Knowle Lane / Mortimers Lane Vehicles - OD Tables

Base Year AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	58	186
B - Knowle Lane	116	0	77
C - Mortimers Lane (W)	275	79	0

Base Year PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	78	268
B - Knowle Lane	57	0	68
C - Mortimers Lane (W)	212	42	0

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	60	186
B - Knowle Lane	117	0	87
C - Mortimers Lane (W)	275	94	0

Future Year + Committed PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	79	268
B - Knowle Lane	59	0	80
C - Mortimers Lane (W)	212	47	0

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	65	267
B - Knowle Lane	120	0	87
C - Mortimers Lane (W)	323	94	0

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	83	301
B - Knowle Lane	66	0	80
C - Mortimers Lane (W)	265	47	0

Knowle Lane / Mortimers Lane HGVs - OD Tables

Base Year AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	6.90%	2.69%
B - Knowle Lane	4.31%	0.00%	10.39%
C - Mortimers Lane (W)	2.18%	2.53%	0.00%

Base Year PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	1.49%
B - Knowle Lane	1.75%	0.00%	0.00%
C - Mortimers Lane (W)	1.89%	2.38%	0.00%

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	6.67%	2.69%
B - Knowle Lane	4.27%	0.00%	9.20%
C - Mortimers Lane (W)	2.18%	2.13%	0.00%

Future Year + Committed PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	1.49%
B - Knowle Lane	1.69%	0.00%	0.00%
C - Mortimers Lane (W)	1.89%	2.13%	0.00%

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	6.15%	1.87%
B - Knowle Lane	4.17%	0.00%	9.20%
C - Mortimers Lane (W)	1.86%	2.13%	0.00%

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Knowle Lane	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	1.33%
B - Knowle Lane	1.52%	0.00%	0.00%
C - Mortimers Lane (W)	1.51%	2.13%	0.00%

Pembers Farm Avenue / Mortimers Lane Vehicles - OD TablesBase Year AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	0
B - Pembers Farm Avenue	0	0	0
C - Mortimers Lane (W)	0	0	0

Base Year PM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	0	0
B - Pembers Farm Avenue	0	0	0
C - Mortimers Lane (W)	0	0	0

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	16	186
B - Pembers Farm Avenue	29	0	59
C - Mortimers Lane (W)	357	36	0

Future Year + Committed PM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	17	320
B - Pembers Farm Avenue	12	0	28
C - Mortimers Lane (W)	223	47	0

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	16	272
B - Pembers Farm Avenue	29	0	59
C - Mortimers Lane (W)	408	36	0

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0	17	357
B - Pembers Farm Avenue	12	0	28
C - Mortimers Lane (W)	283	47	0

Pembers Farm Avenue / Mortimers Lane HGVS - OD TablesBase Year AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	#DIV/0!
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	#DIV/0!	0.00%	0.00%

Base Year PM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	#DIV/0!
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	#DIV/0!	0.00%	0.00%

Future Year + Committed AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	4.30%
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	2.24%	0.00%	0.00%

Future Year + Committed PM

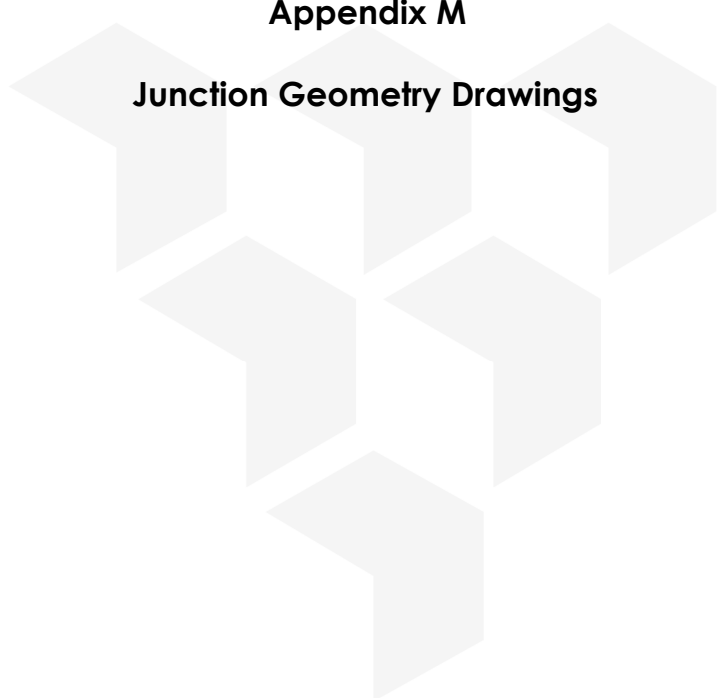
To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	1.25%
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	2.24%	0.00%	0.00%

Future Year + Committed + Development AM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	2.94%
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	1.96%	0.00%	0.00%

Future Year + Committed + Development PM

To/From	A - Mortimers Lane (E)	B - Pembers Farm Avenue	C - Mortimers Lane (W)
A - Mortimers Lane (E)	0.00%	0.00%	1.12%
B - Pembers Farm Avenue	0.00%	0.00%	0.00%
C - Mortimers Lane (W)	1.77%	0.00%	0.00%



Appendix M

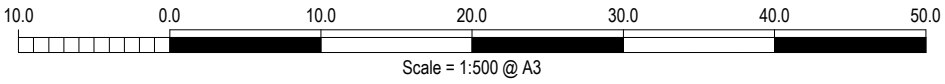
Junction Geometry Drawings



- NOTES**
- 1. This drawing is to be read in conjunction with all relevant documents and specifications.
 - 2. Dimensions are not to be scaled.
 - 3. Geometry for modelling purposes only
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KEY

- 10m x 10m visibility splays
- 162m forward visibility



Rev.	Description	Date	By	Chkd



Glanville
Survey > Plan > Engineer

 Civil Engineering

 Structural Engineering

 Transport Planning

 Highways Engineering

 Building Surveying

 Geomatics

Hertfordshire

Oxfordshire

Cambridgeshire

Bristol

Client :

Bloor Homes Southern

Project :

Land South of Mortimers Lane,
Fair Oak, Eastleigh

Title :

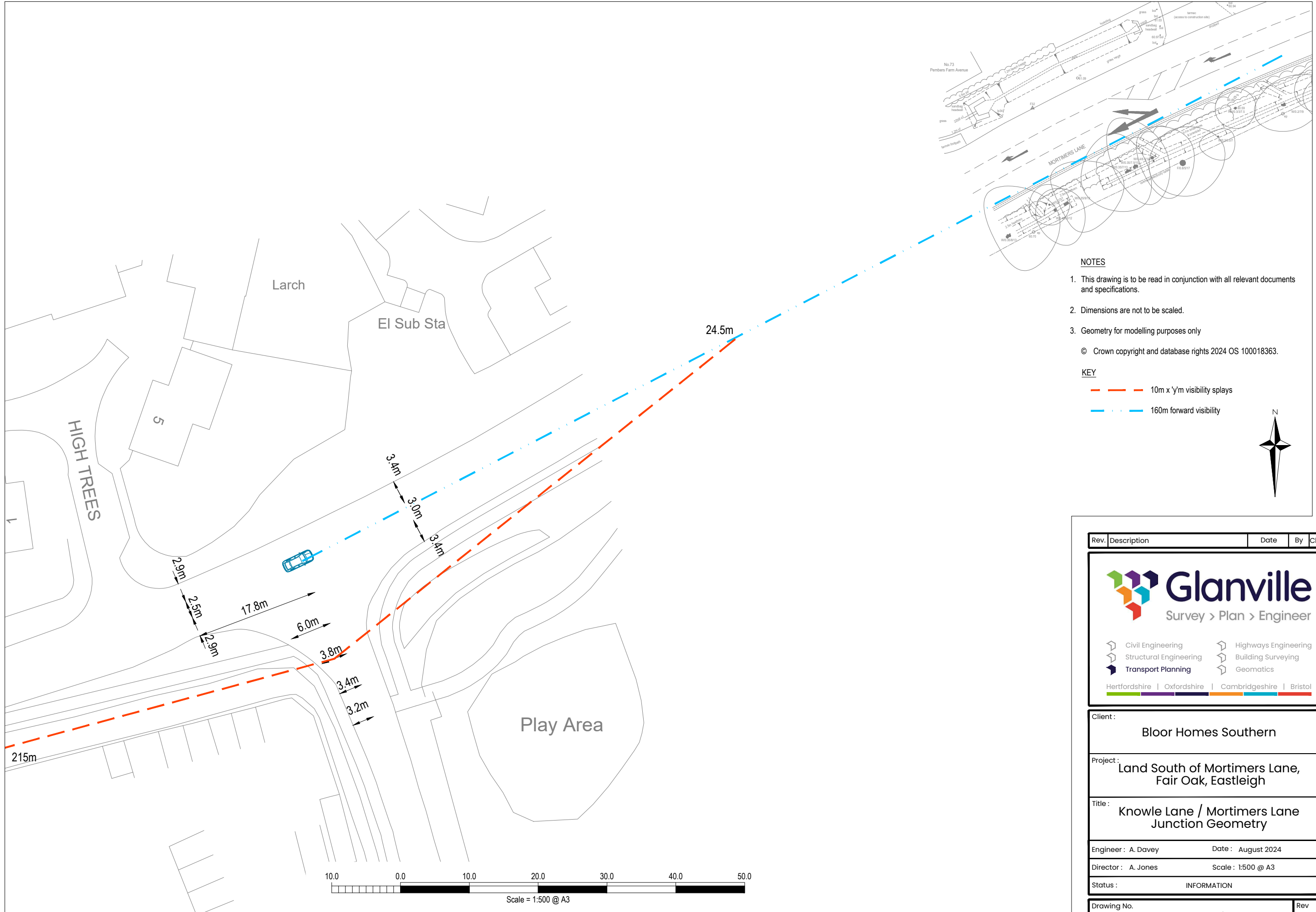
Winchester Road / Mortimers Lane
Junction Geometry

Engineer : T. Hart **Date :** August 2024

Director : A. Jones **Scale :** 1:500 @ A3

Status : INFORMATION

Drawing No. 8230679/6013 **Rev**



- NOTES**
1. This drawing is to be read in conjunction with all relevant documents and specifications.
 2. Dimensions are not to be scaled.
 3. Geometry for modelling purposes only
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- KEY**
- 10m x 10m visibility splays
 - . - 160m forward visibility

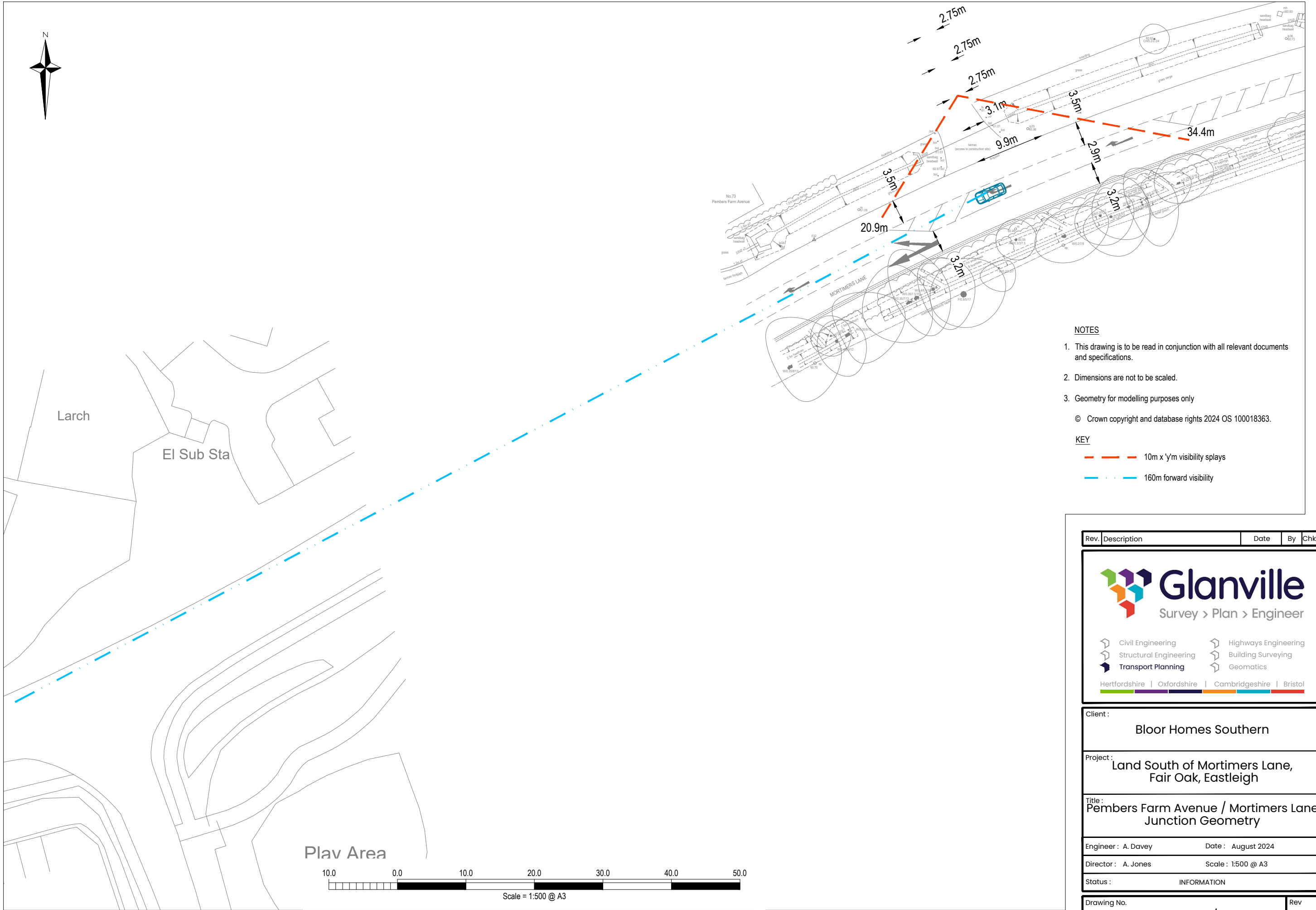


Rev.	Description	Date	By	Chkd
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- Civil Engineering
 - Structural Engineering
 - Transport Planning
 - Highways Engineering
 - Building Surveying
 - Geomatics
- Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client :	Bloor Homes Southern
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh
Title :	Knowle Lane / Mortimers Lane Junction Geometry
Engineer : A. Davey	Date : August 2024
Director : A. Jones	Scale : 1:500 @ A3
Status :	INFORMATION
Drawing No.	8230679/6014
Rev	



NOTES

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KEY

- 10m x 10m visibility splays
- 160m forward visibility

Rev.	Description	Date	By	Chkd
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- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client :	Bloor Homes Southern
Project :	Land South of Mortimers Lane, Fair Oak, Eastleigh
Title :	Pembers Farm Avenue / Mortimers Lane Junction Geometry
Engineer : A. Davey	Date : August 2024
Director : A. Jones	Scale : 1:500 @ A3
Status :	INFORMATION
Drawing No.	8230679/6015
Rev	