

The Norfolk County Council (Norwich Northern Distributor Road (A1067 to A47(T))) Order

5.5 Transport Assessment Appendices

Planning Act 2008

Infrastructure Planning

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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Author: Mott MacDonald

Revision	Date	Description
0	8 th January 2014	Revision for Submission



Norwich Northern Distributor Road Application for Development Consent Order

Document Reference: 5.5

Mott MacDonald Ir	ternal Audit		Mott MacDonald
Revision	Originator	Checked By	Approved By
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			G Kelly

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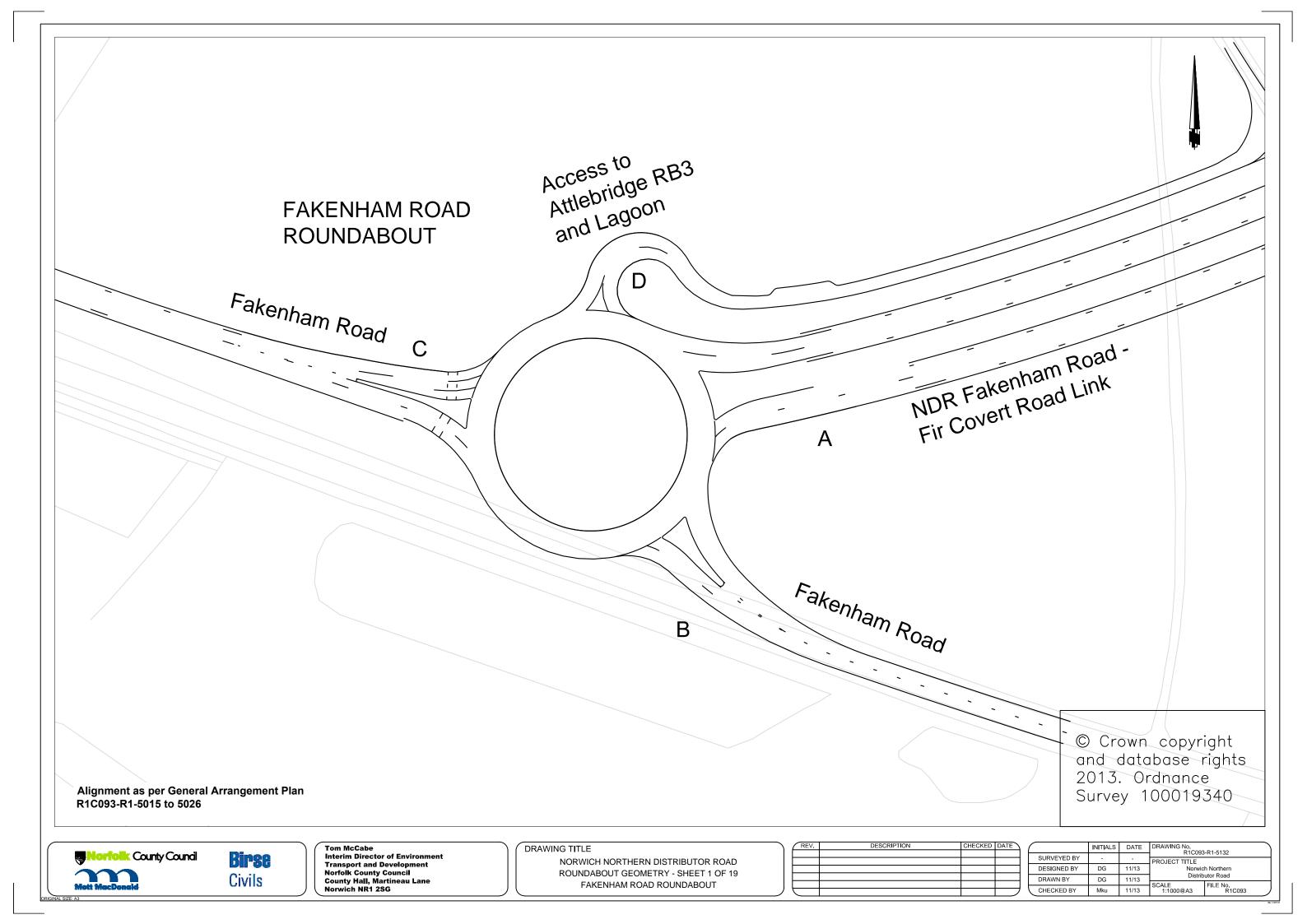
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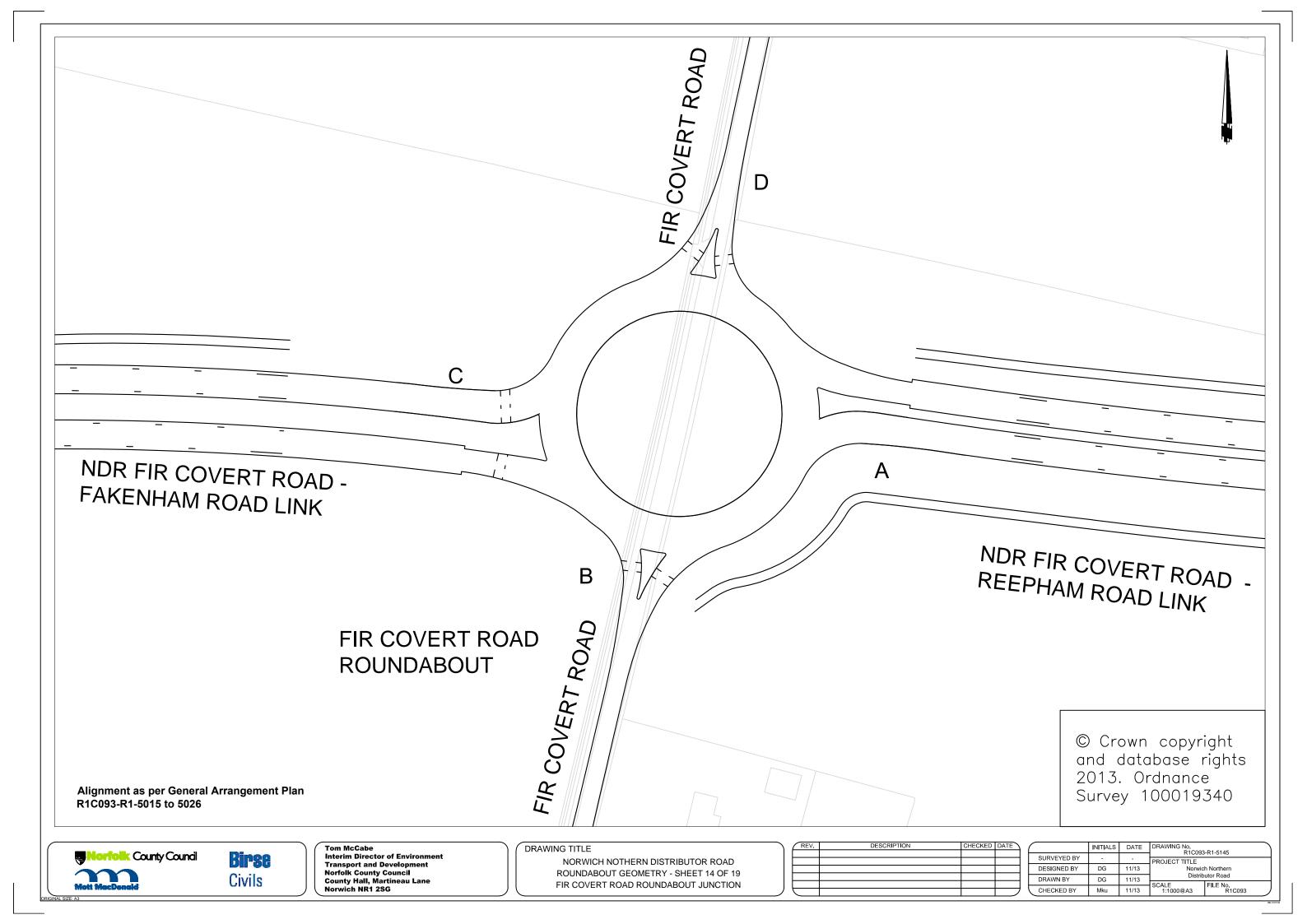
Appendix D – Junction Information

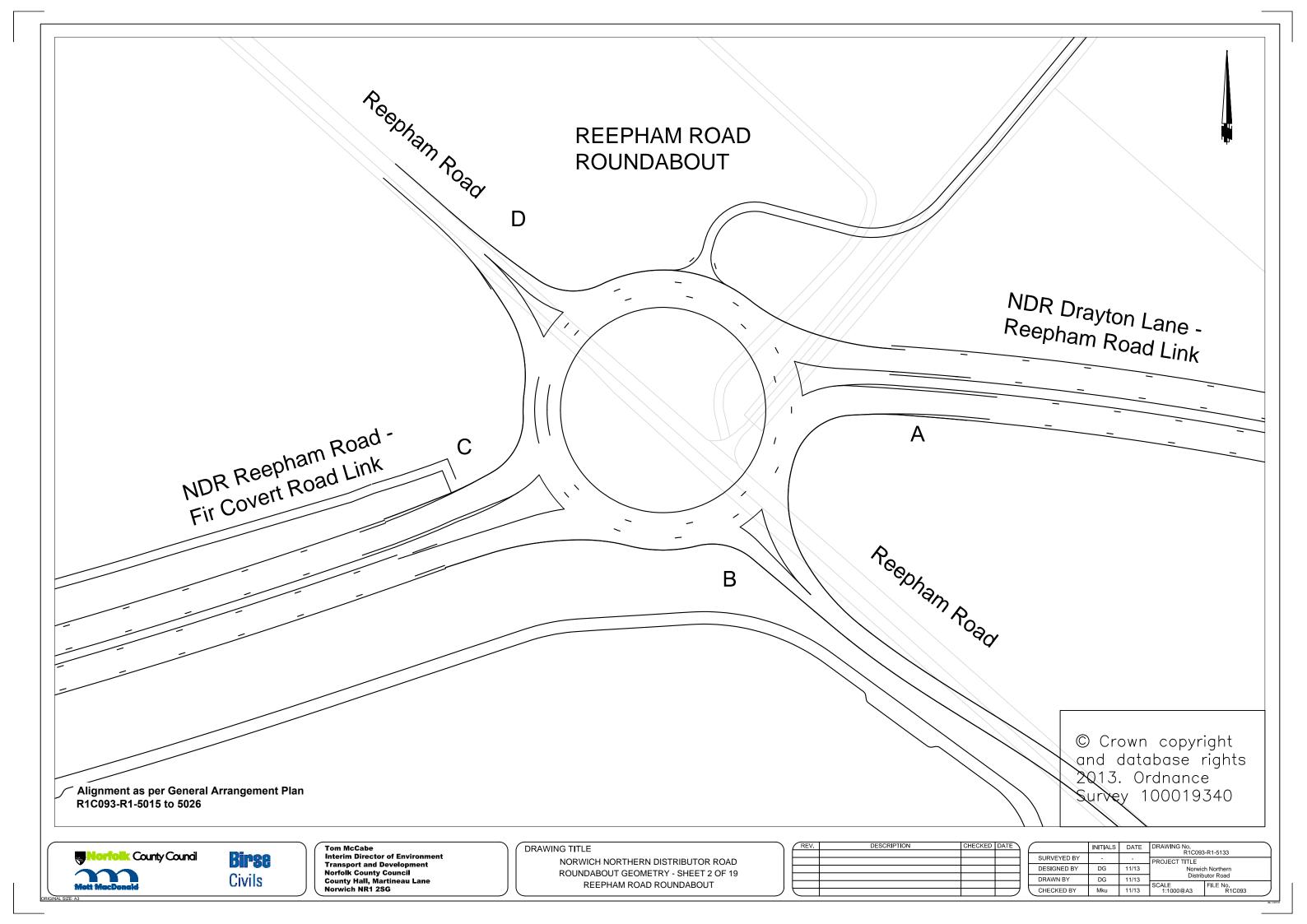
Junction Ref. No.	Junction Description	Drawing Reference
On-line Ju	unctions	
1 2 3 4 5 6 7 8 9 10 11 12 13	Fakenham Road Fir Covert Road Reepham Road Drayton Lane Holt Road/Drayton Lane Cromer Road South Cromer Road North Airport North Walsham Road Wroxham Road Salhouse Road Plumstead Road North Plumstead Road South	R1C093-R1-5132 R1C093-R1-5145 R1C093-R1-5133 R1C093-R1-5134 R1C093-R1-5135 R1C093-R1-5136 R1C093-R1-5137 R1C093-R1-5138 R1C093-R1-5149 R1C093-R1-5140 R1C093-R1-5141 R1C093-R1-5141
14 Postwick	Business Park Junctions	R1C093-R1-5144
POSIWICK	Junctions	
15 16 17 18 19 20	Broadland Gate Peachman Way Postwick NW Postwick NE Oak's Lane Park & Ride	R1C093-R1-5147 R1C093-R1-5148 R1C093-R1-5149 R1C093-R1-5146 R1C093-R1-5150 R1C150-MP-636 B
Off-line J	unctions	
21 22 23 24	A47/A146 Trowse A146/Martineau Lane Bracondale/King Street Crostwick Junction: B1150/Rackheath Lane	5075018-072/A6J04/1001 RevA 276B 135D R1C093-R1-4294

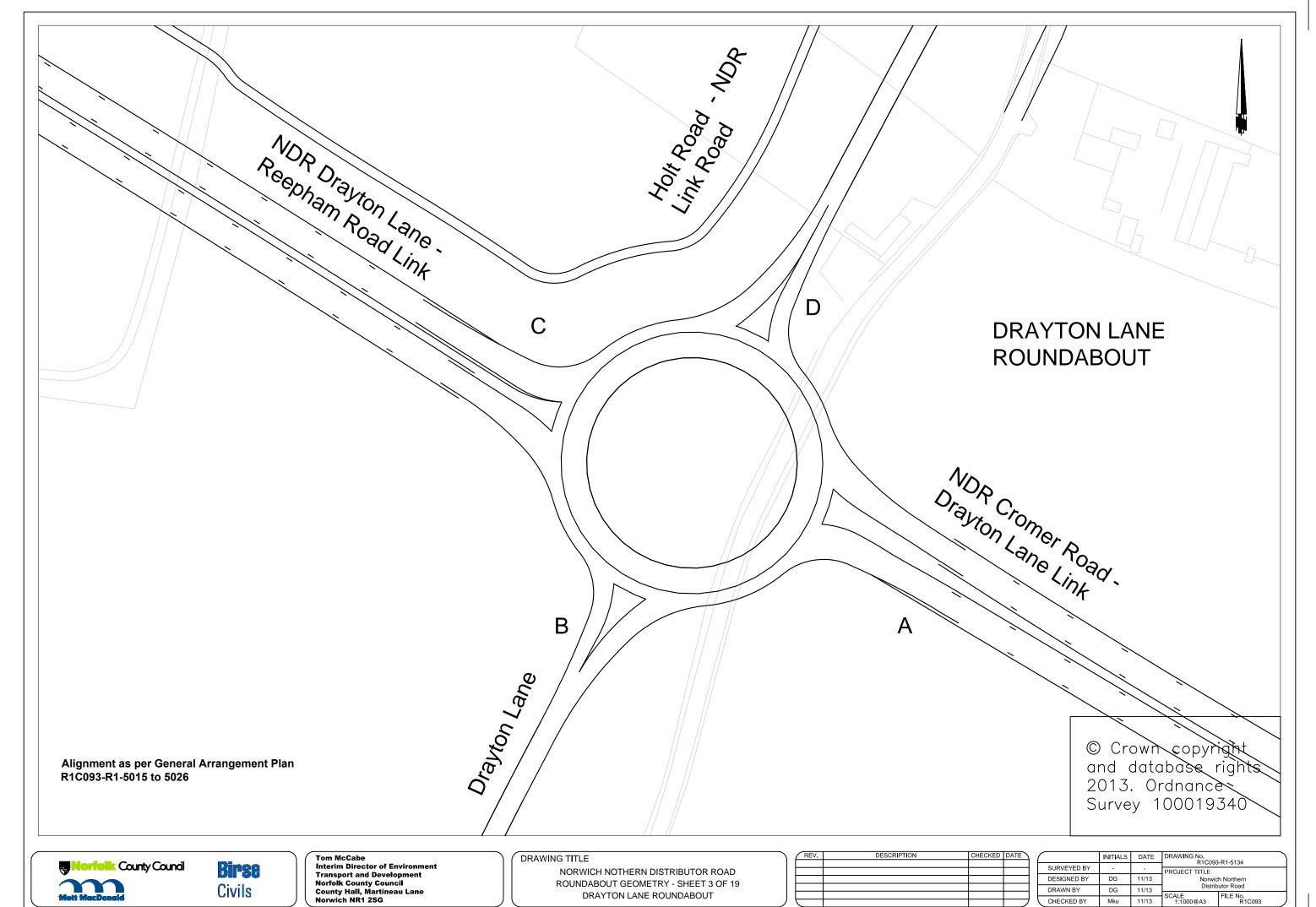
Rackheath Junction: A1151 Wroxham

Rd/Green Lane West

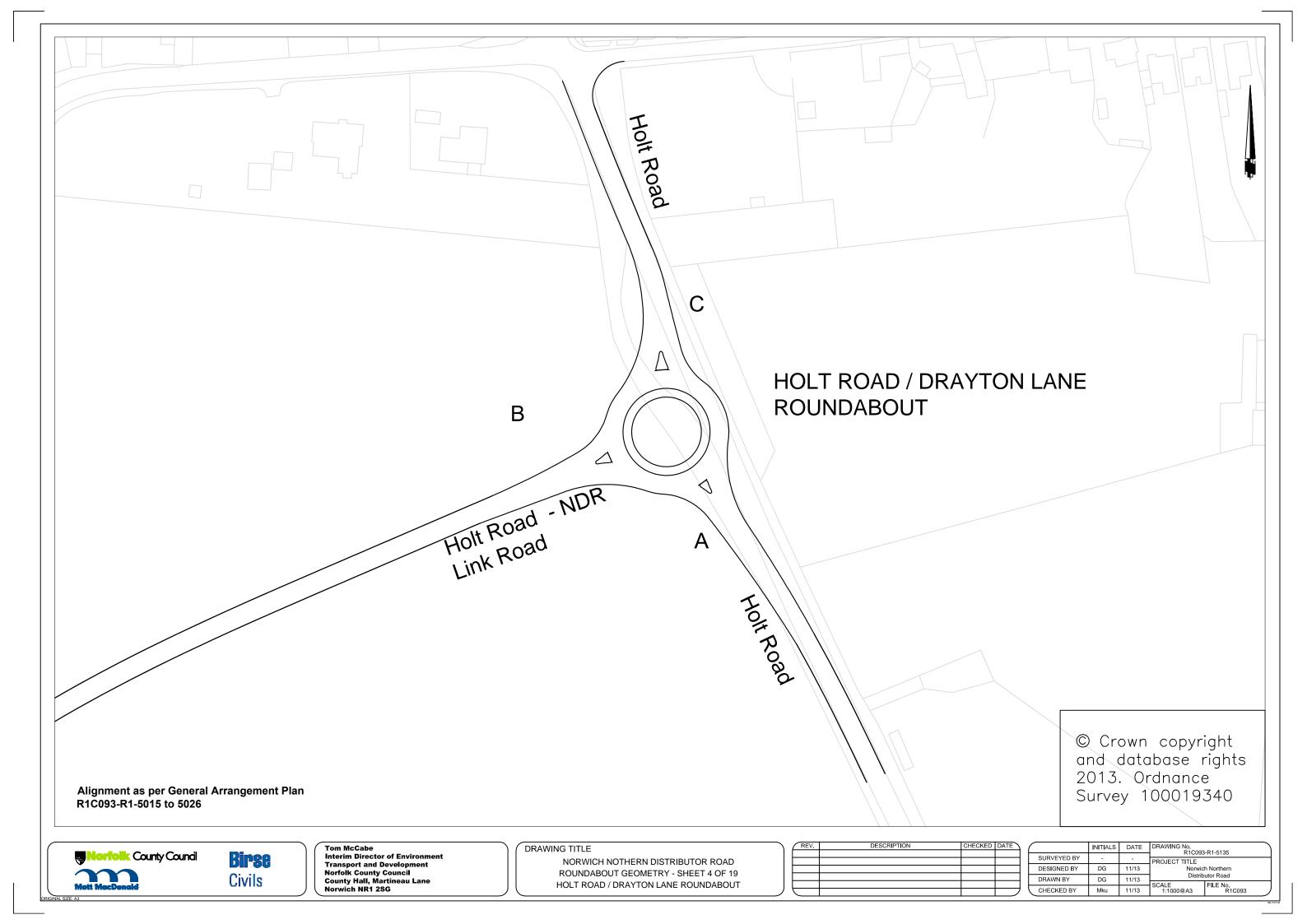


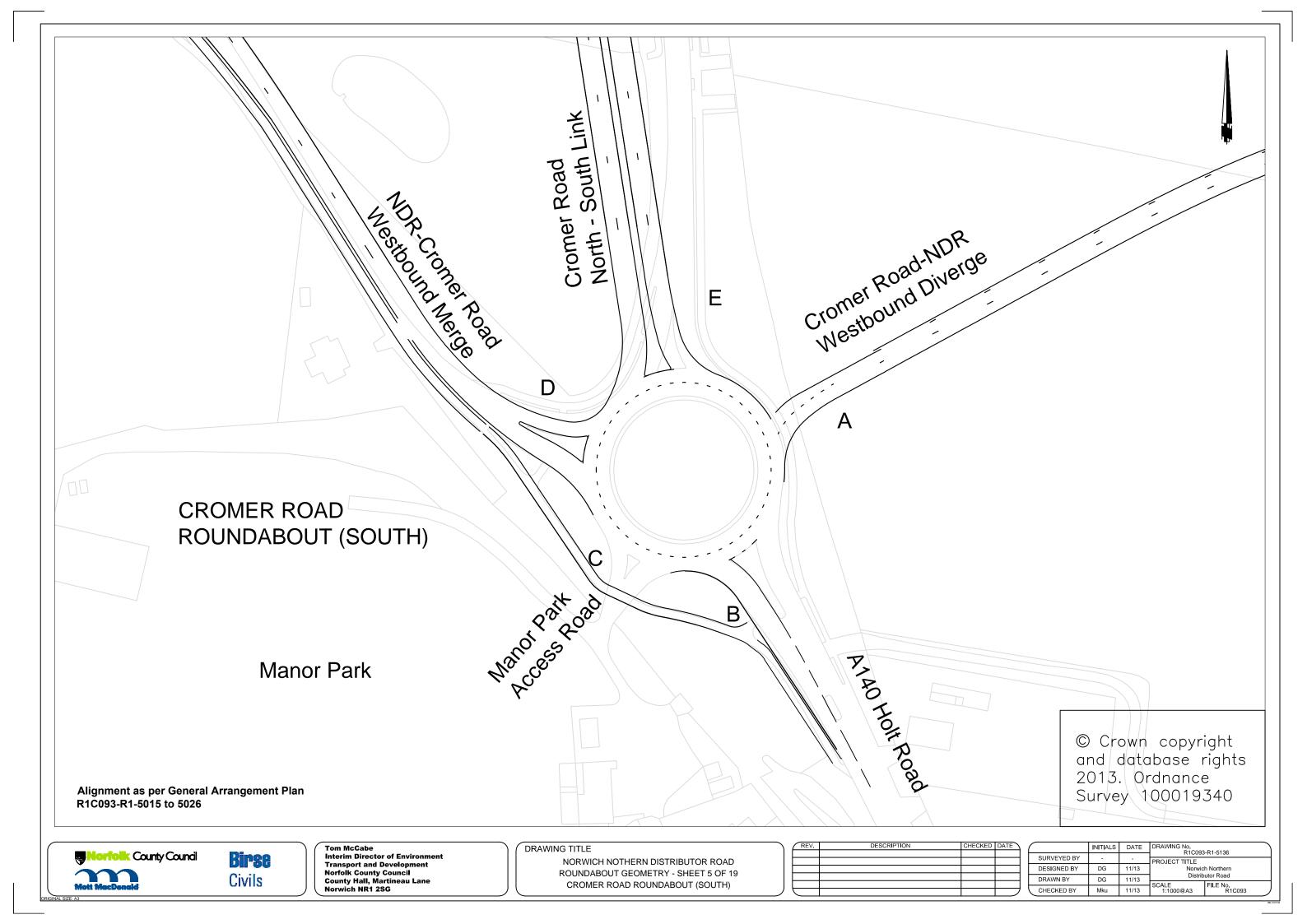


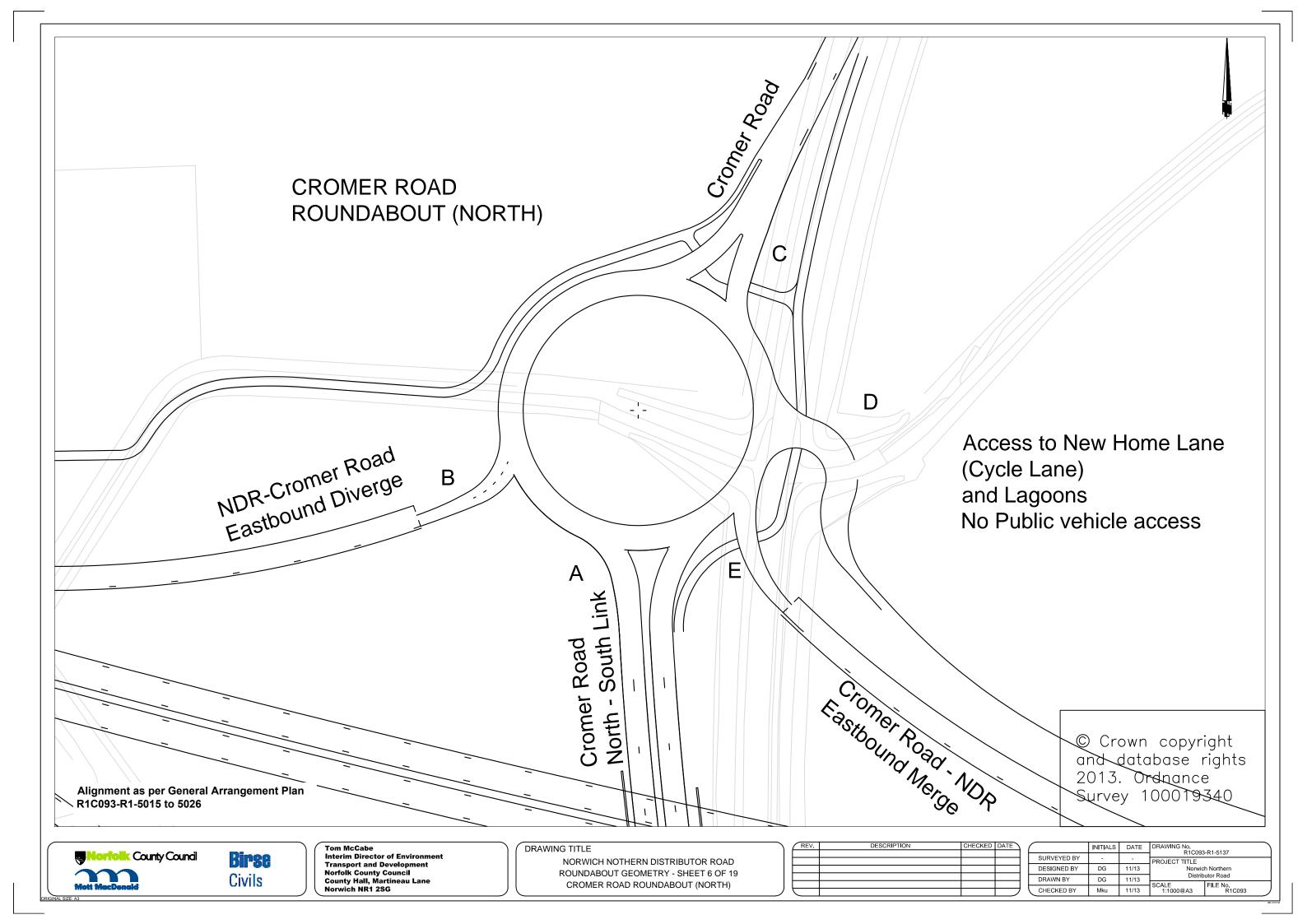


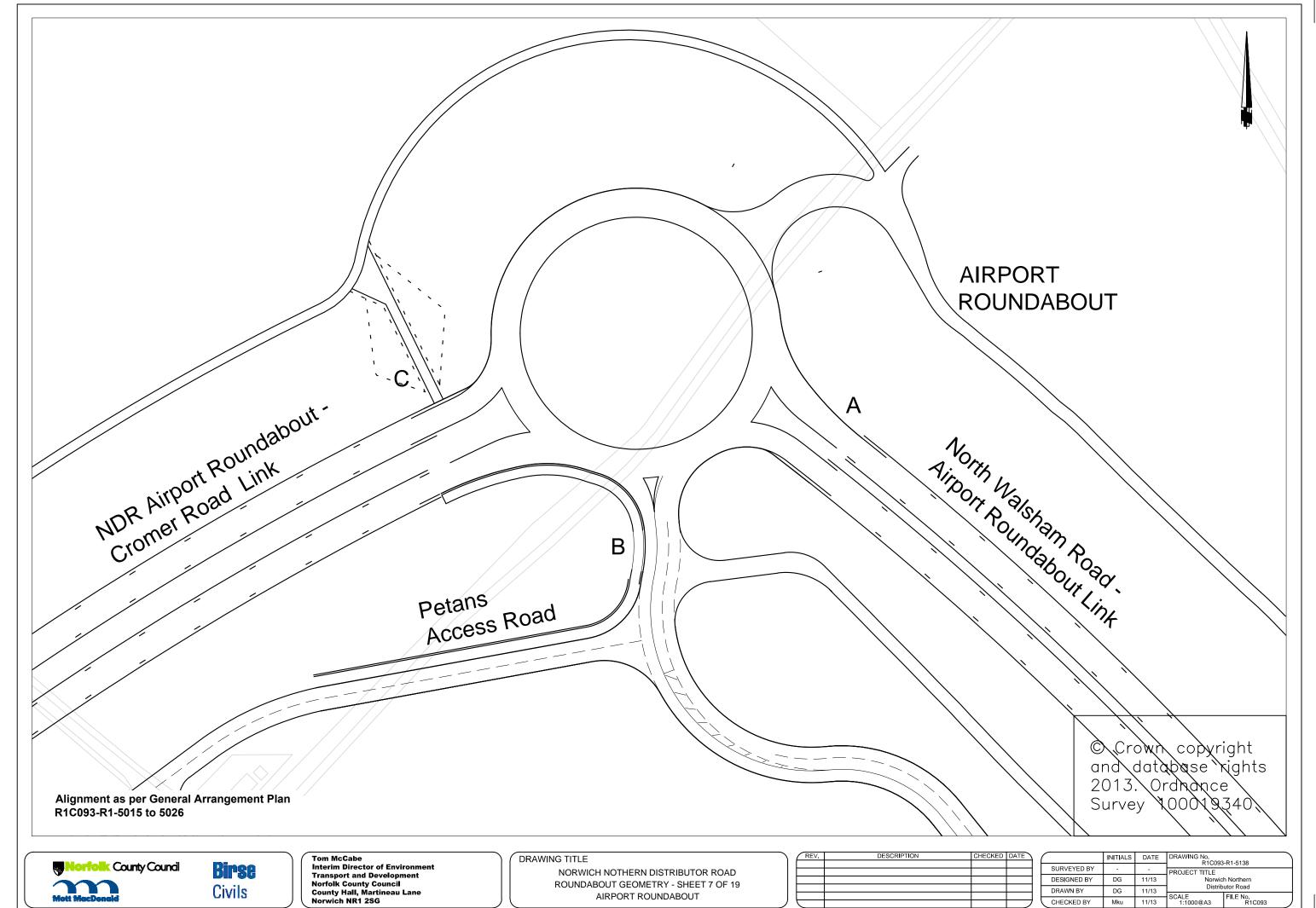


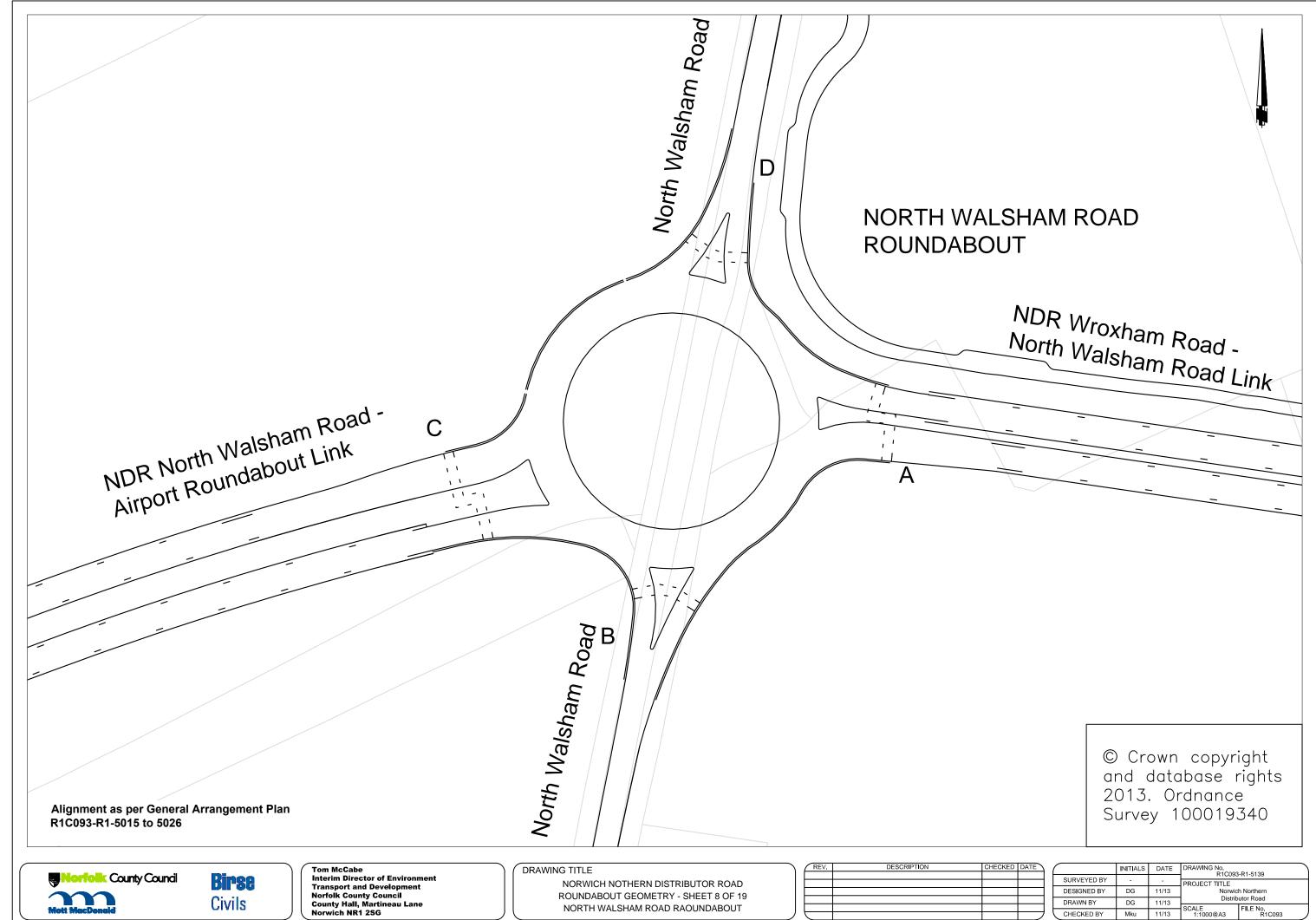


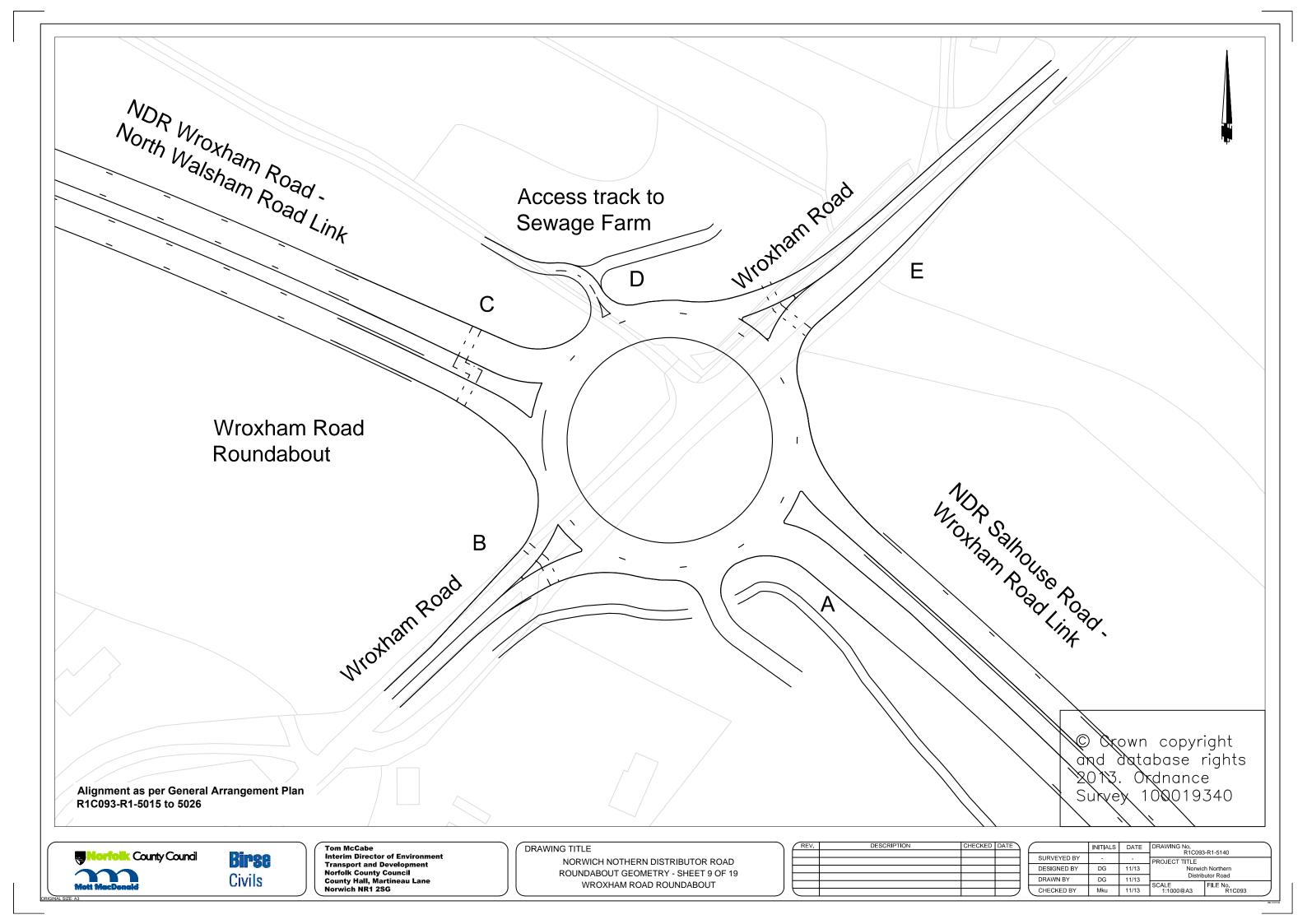


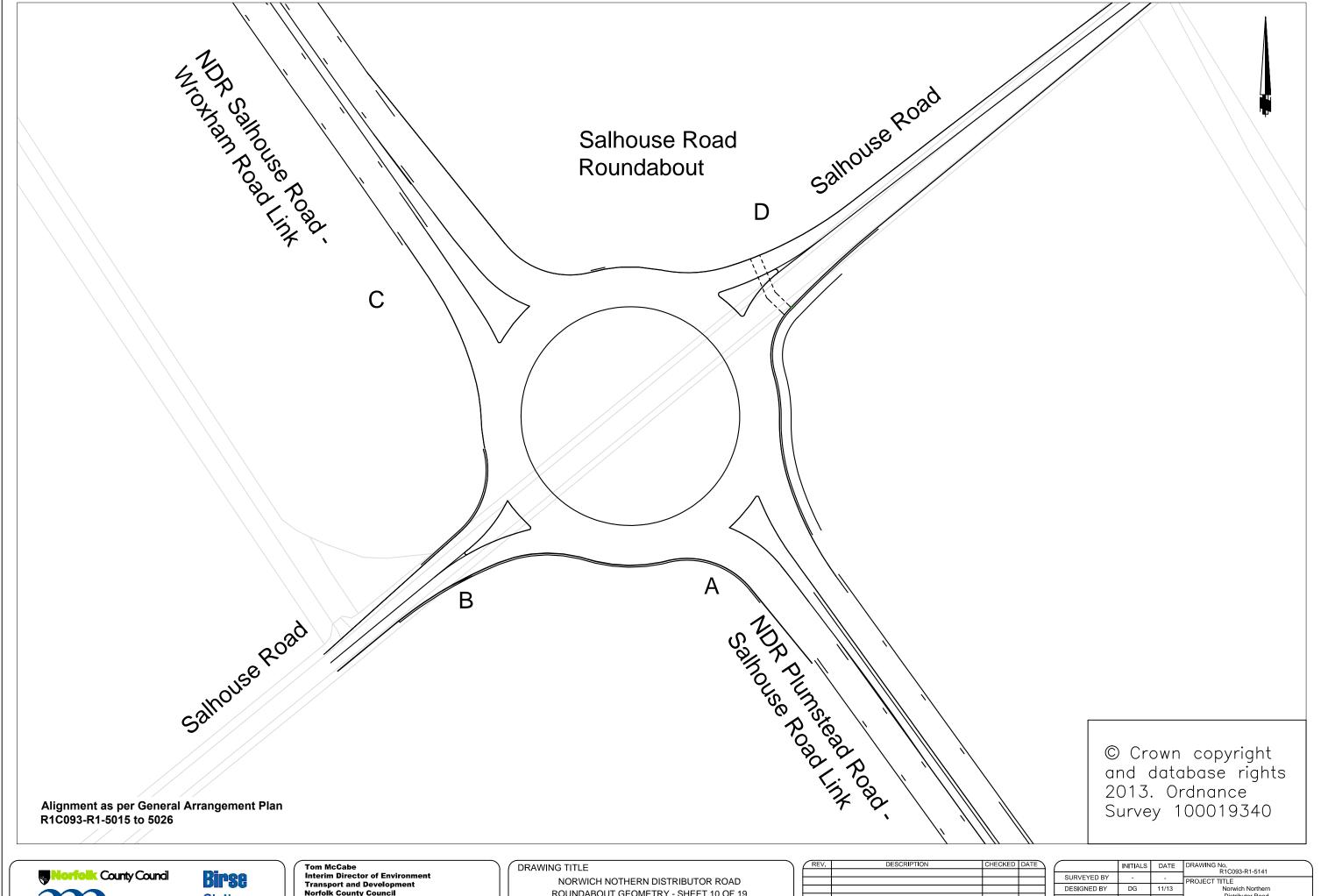














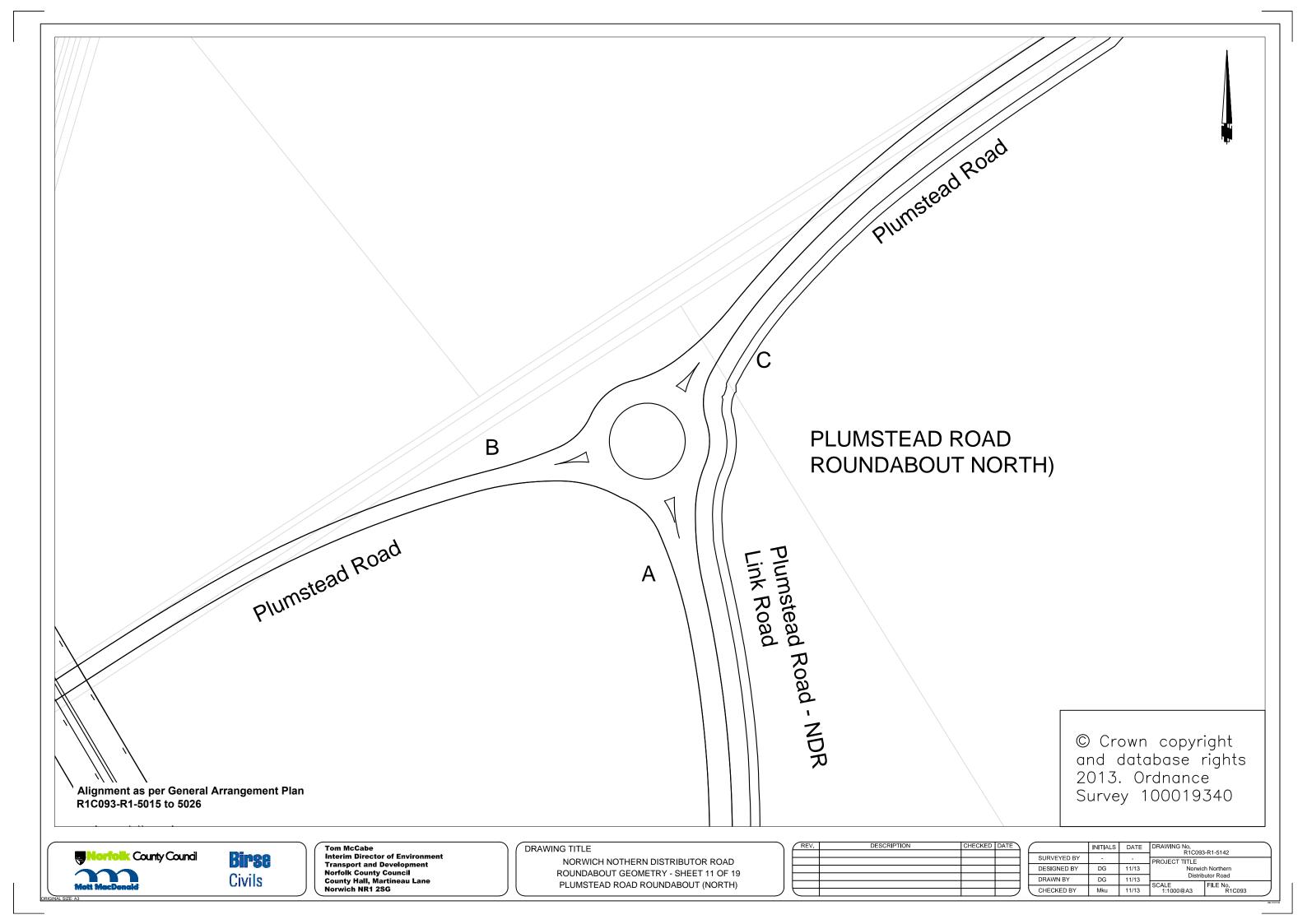


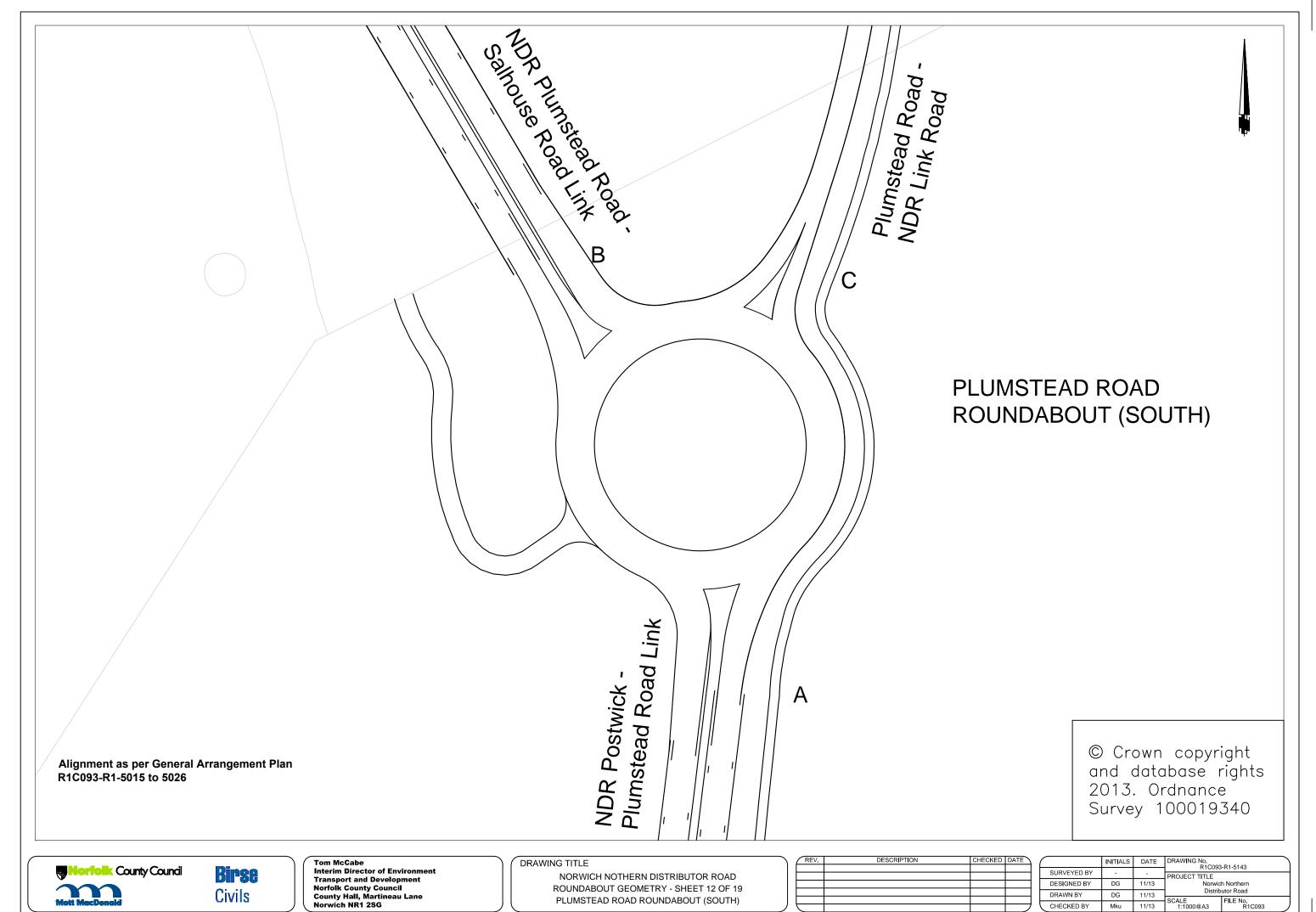
Transport and Development Norfolk County Council County Hall, Martineau Lane Norwich NR1 2SG

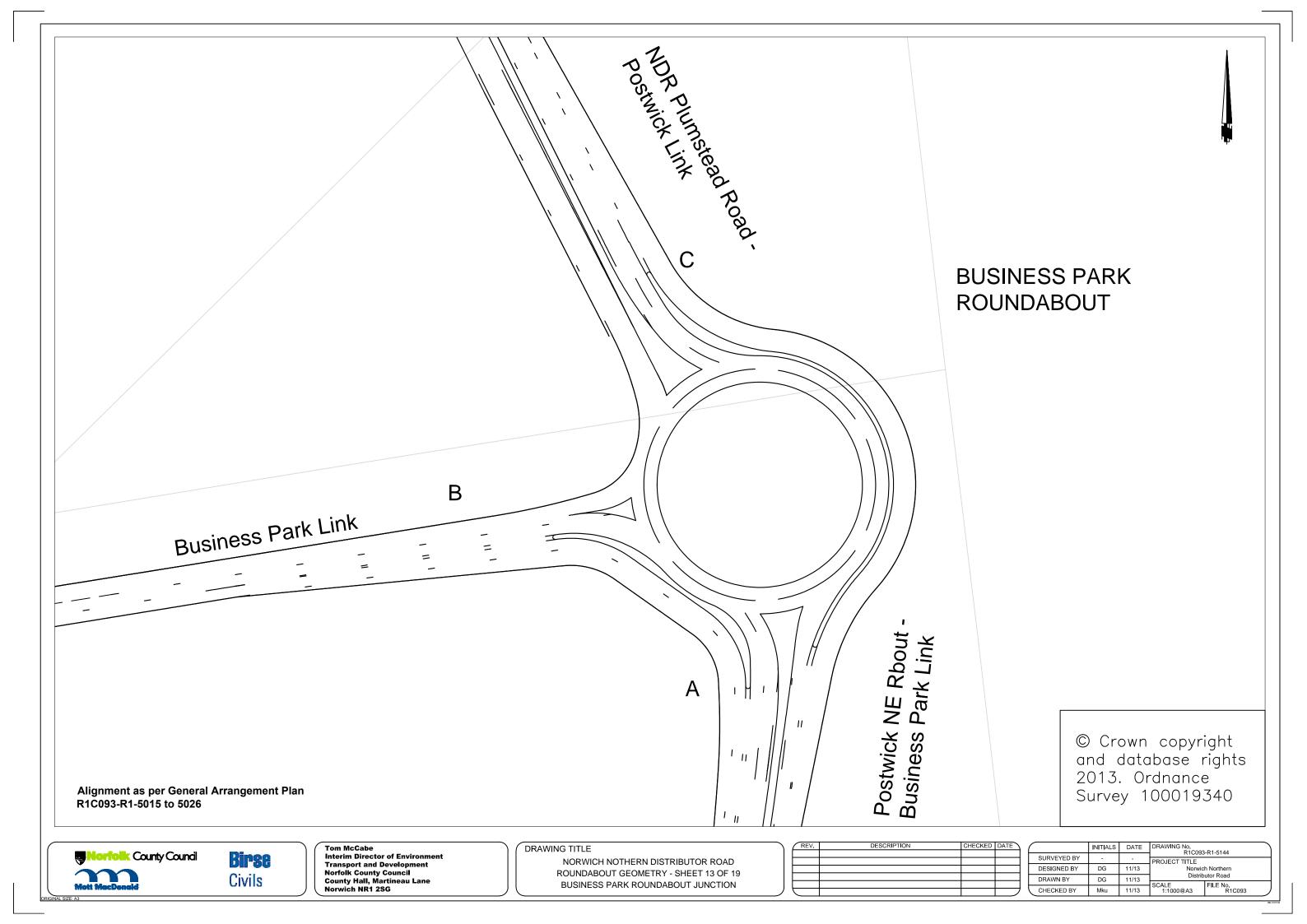
ROUNDABOUT GEOMETRY - SHEET 10 OF 19 SALHOUSE ROAD ROUNDABOUT

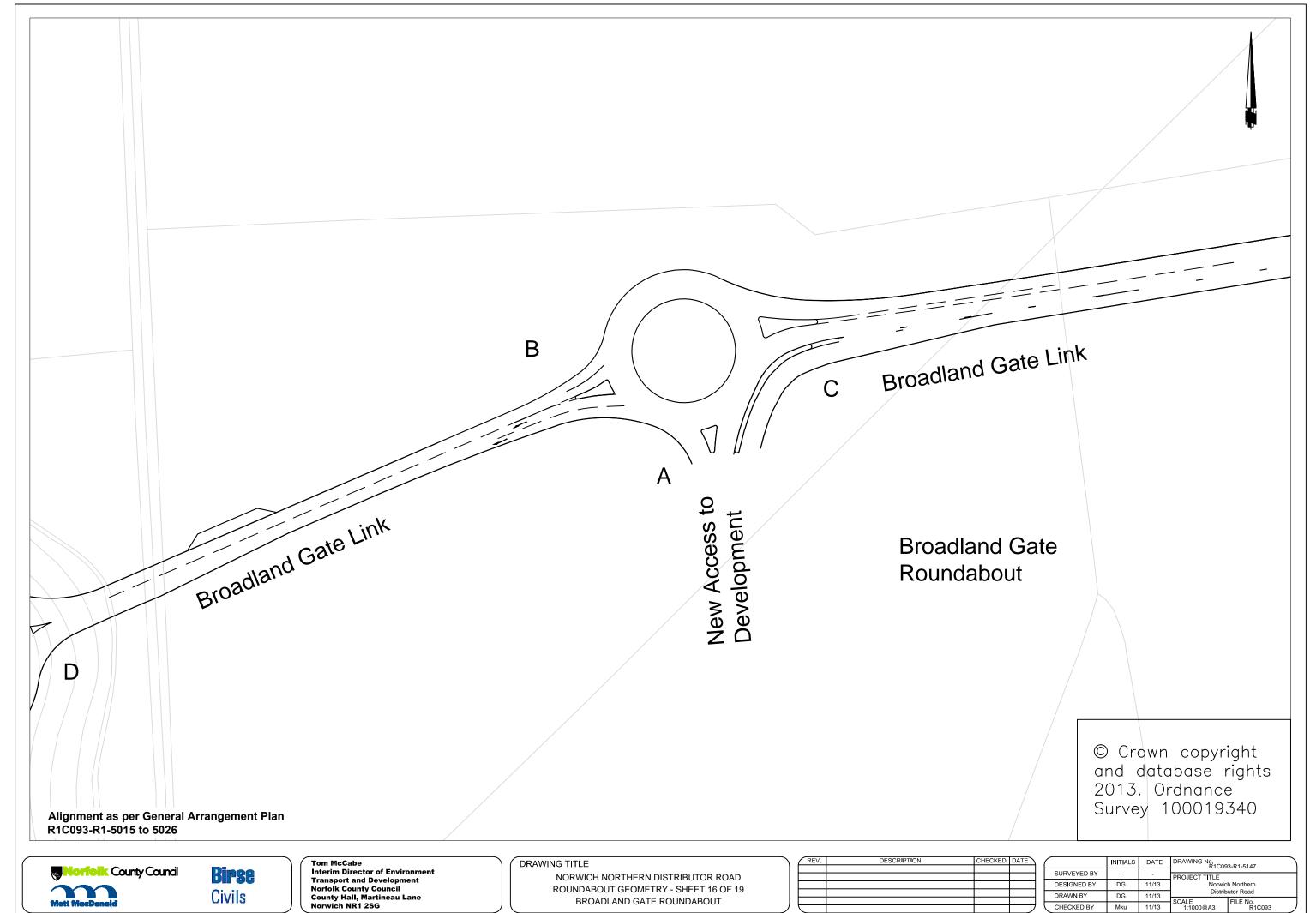
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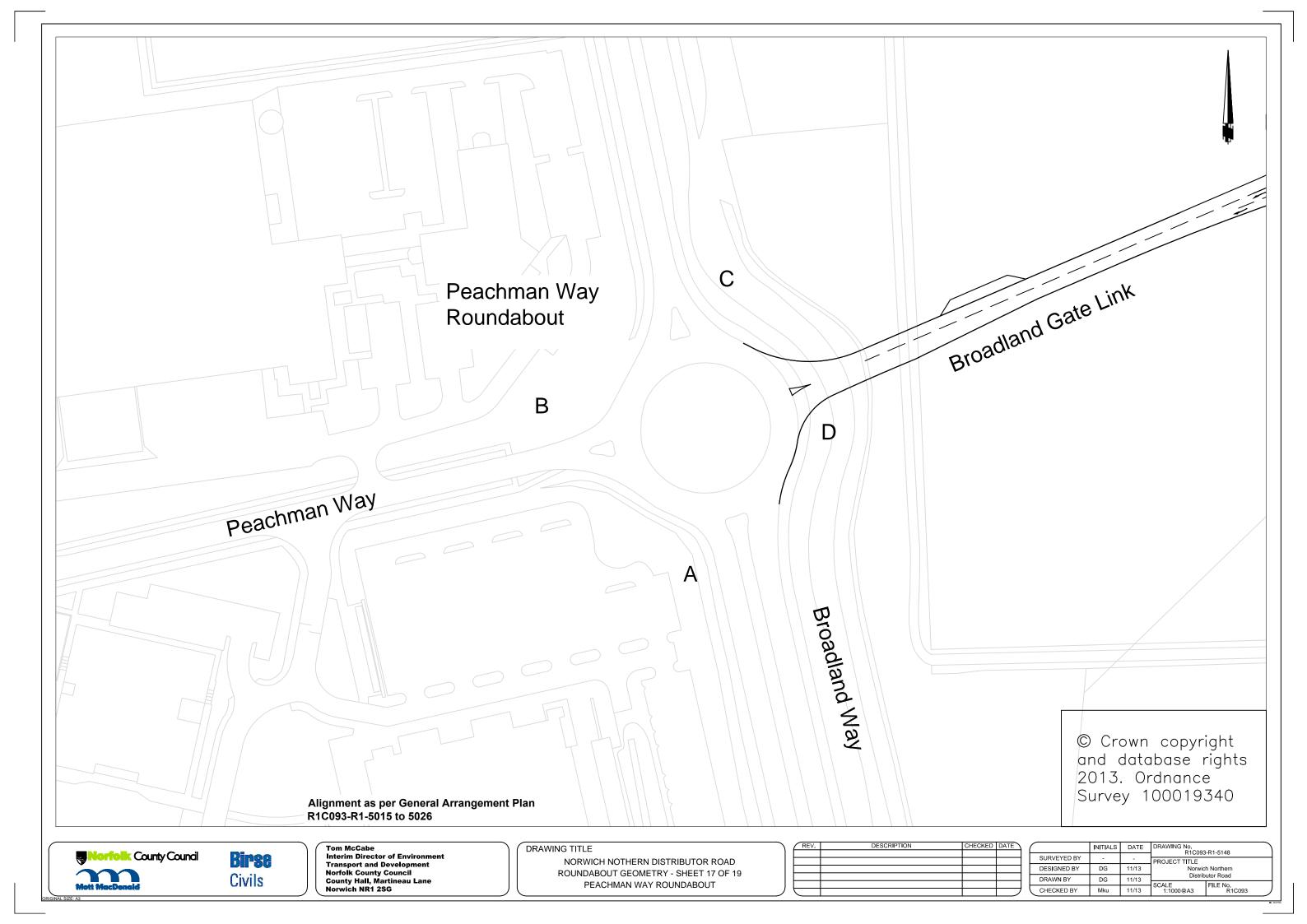
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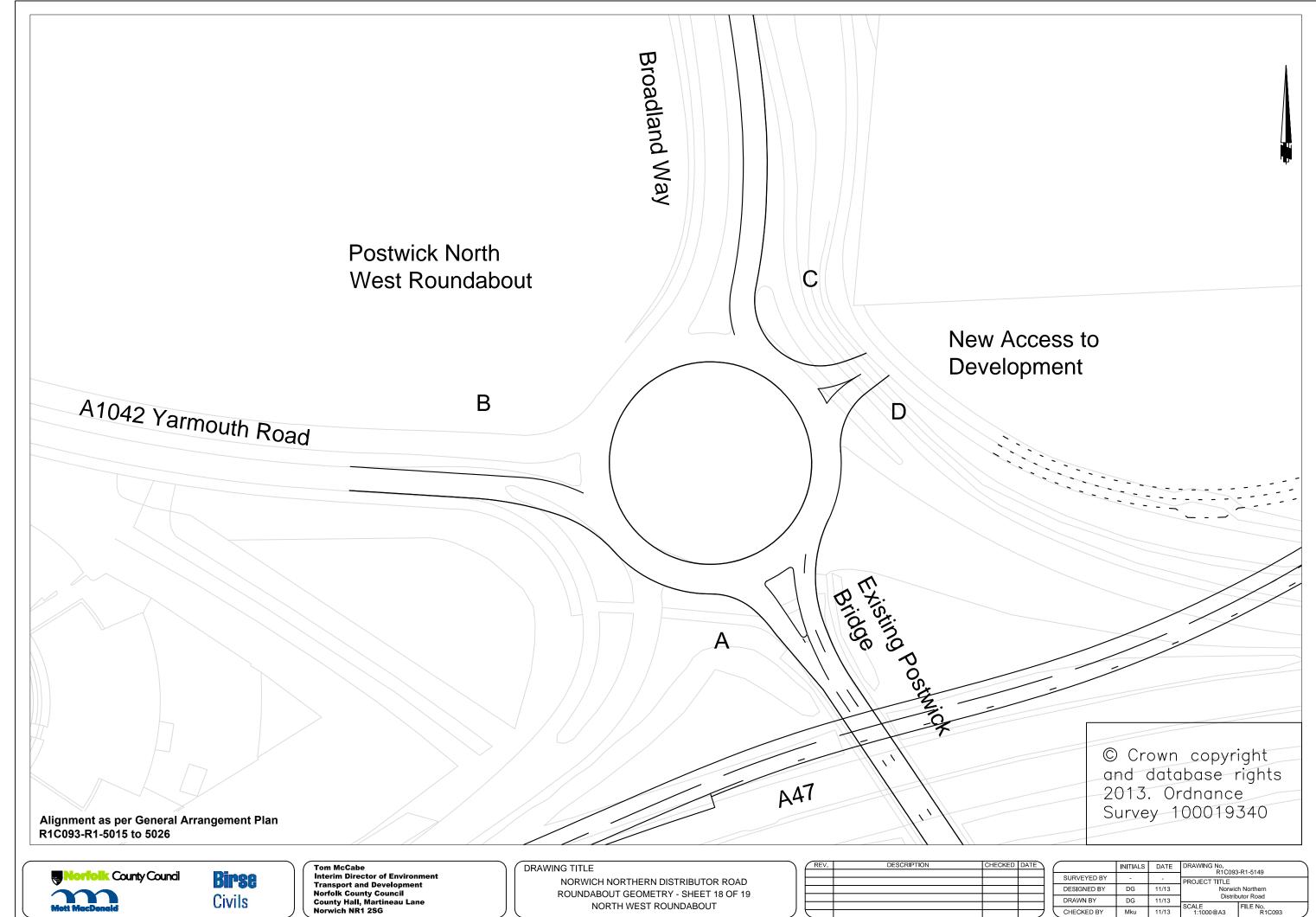


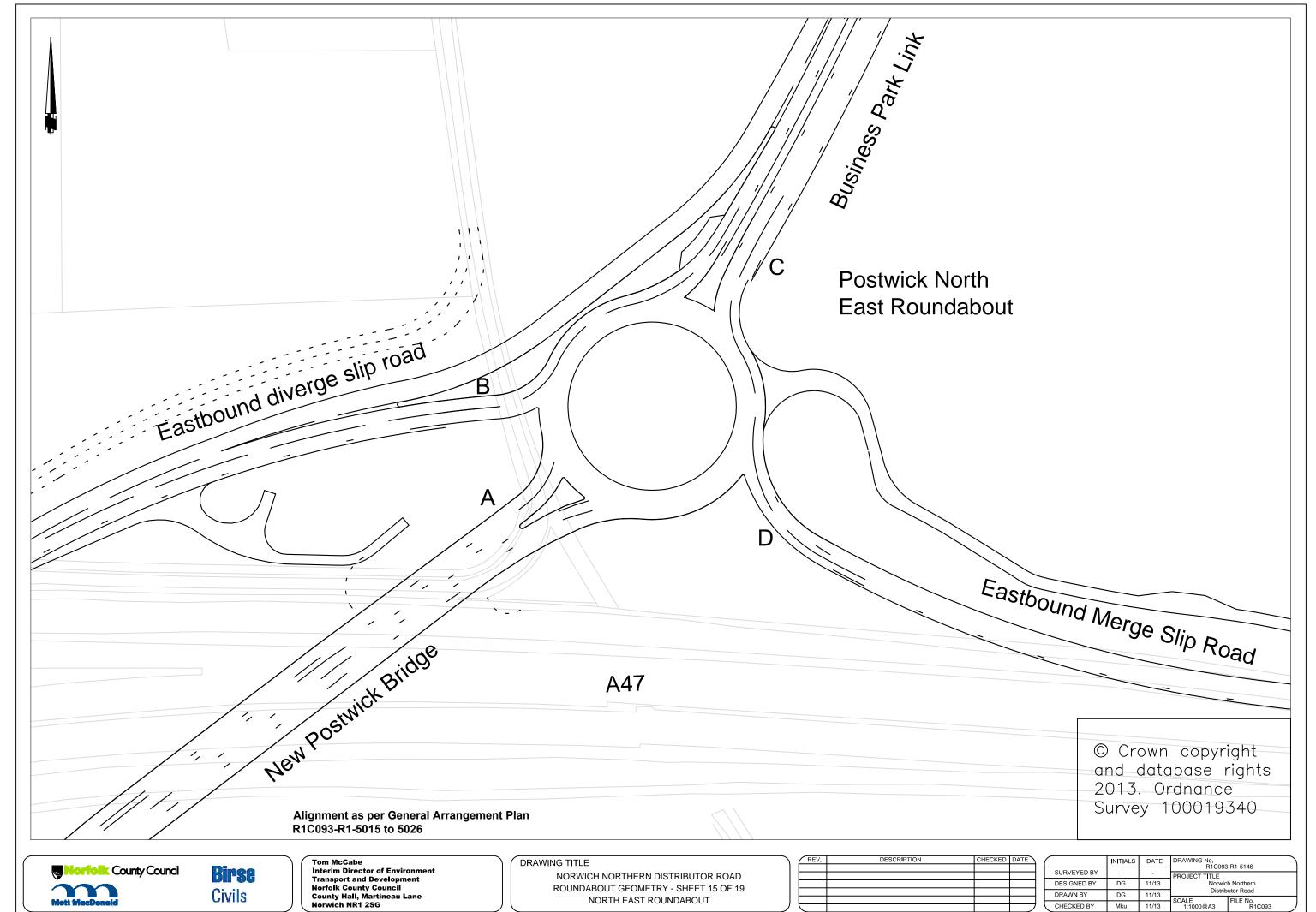


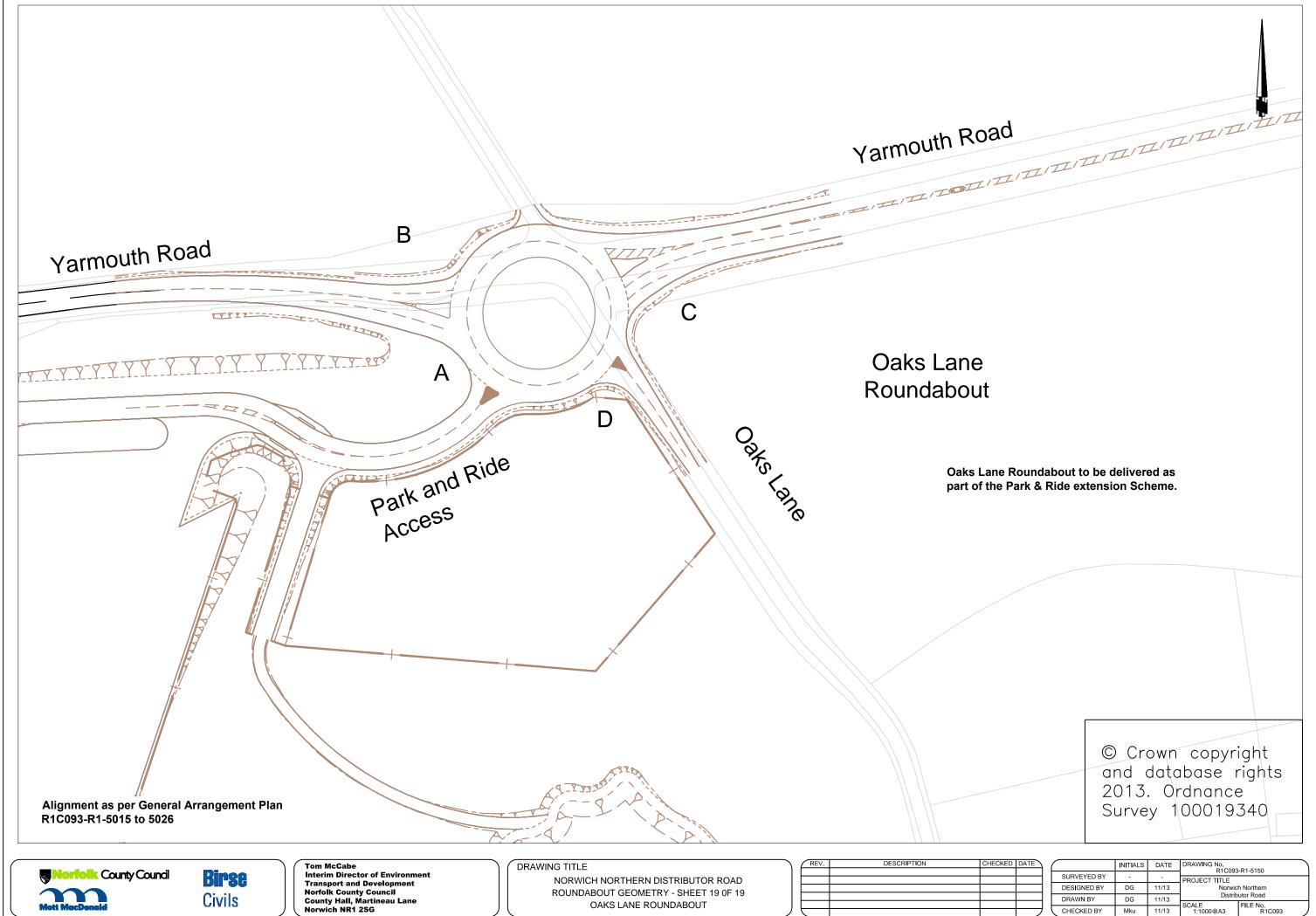




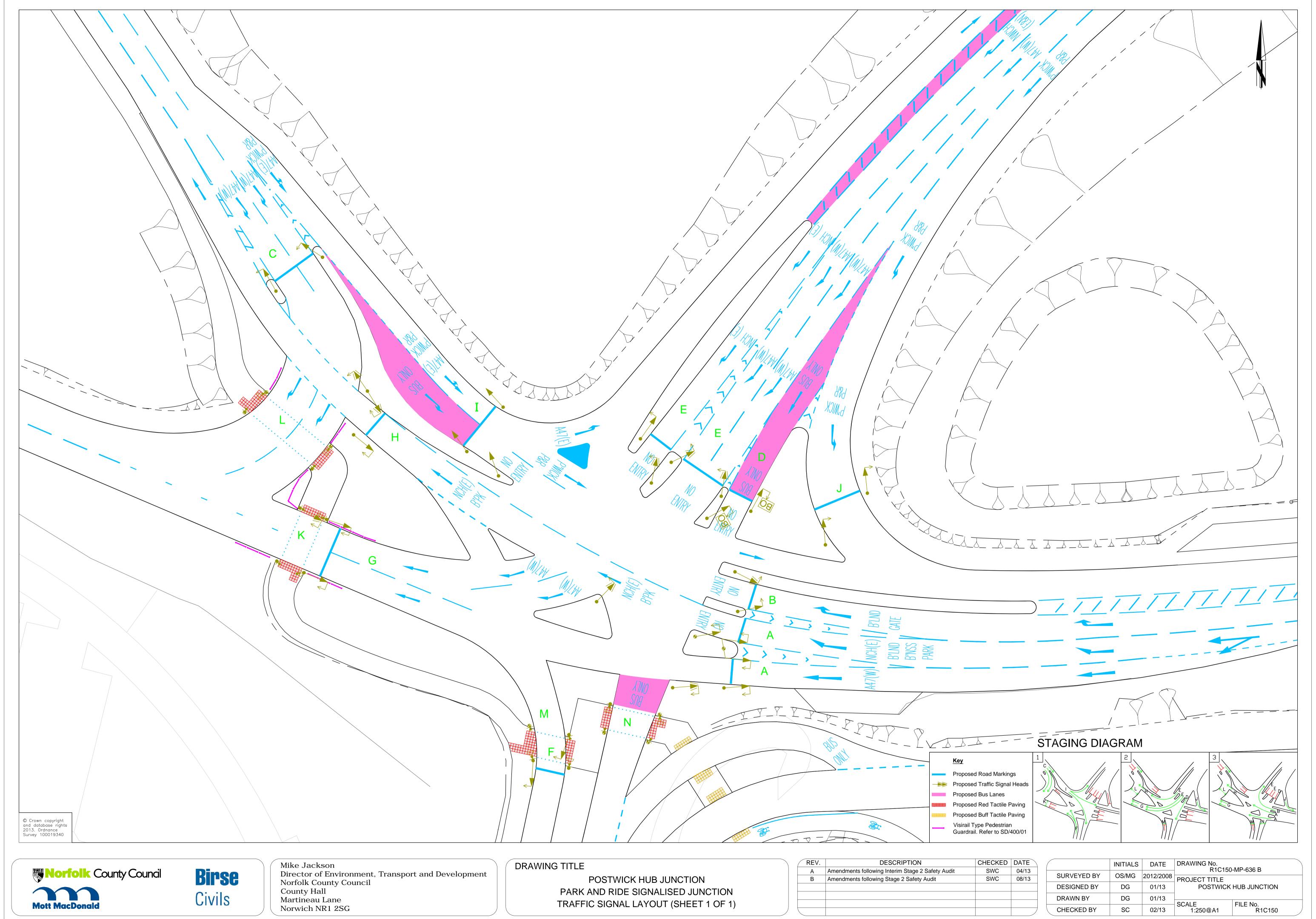


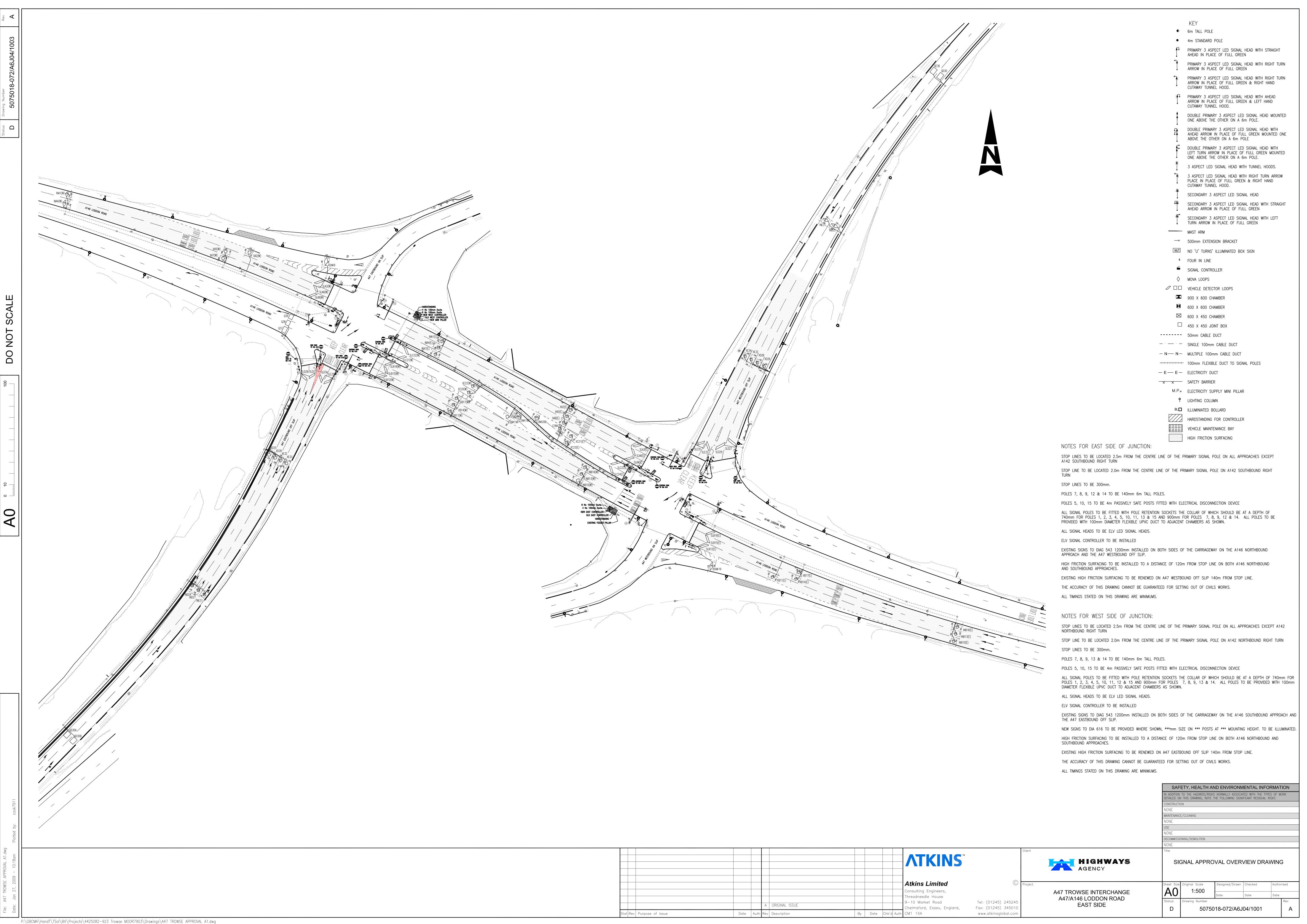


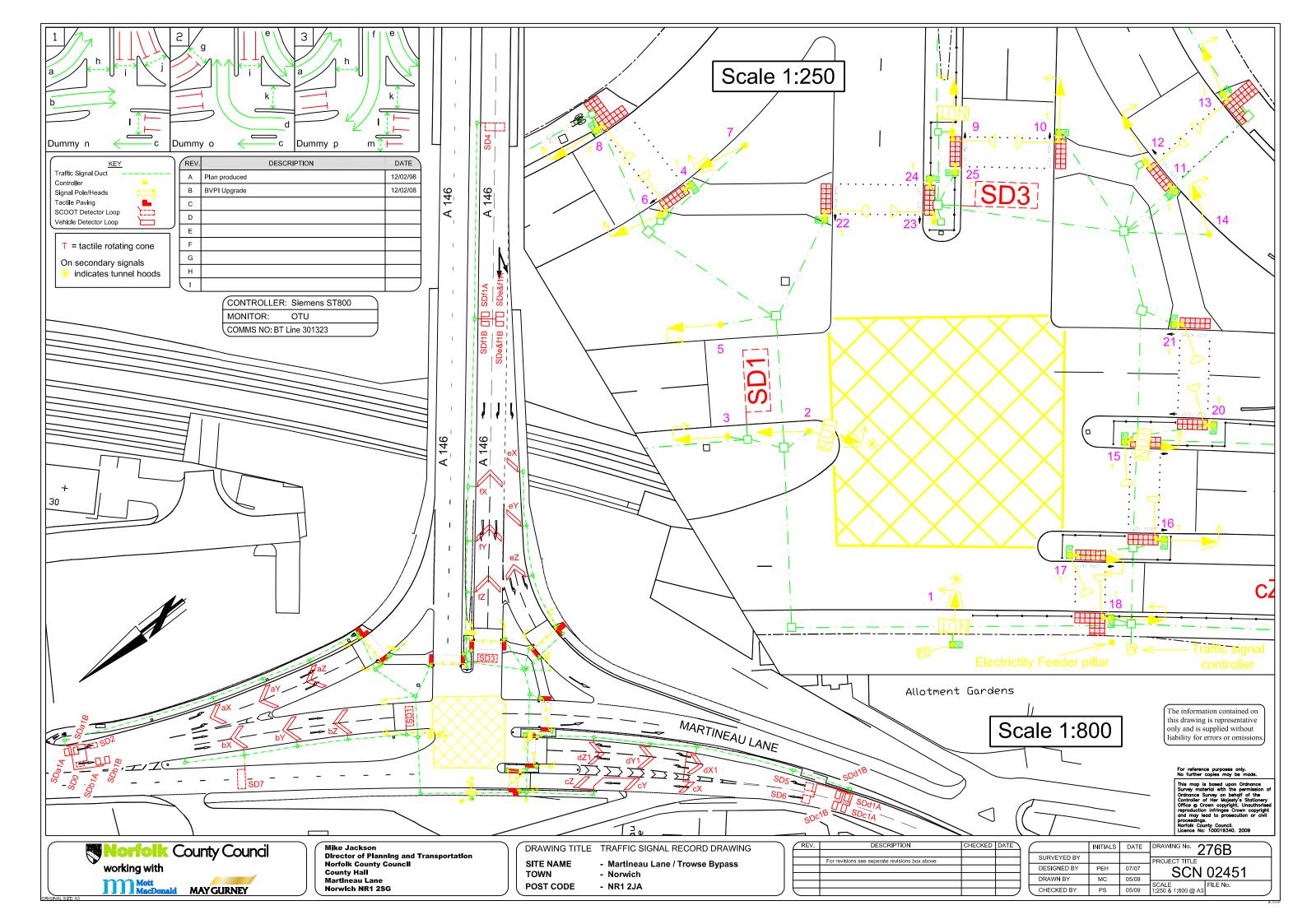


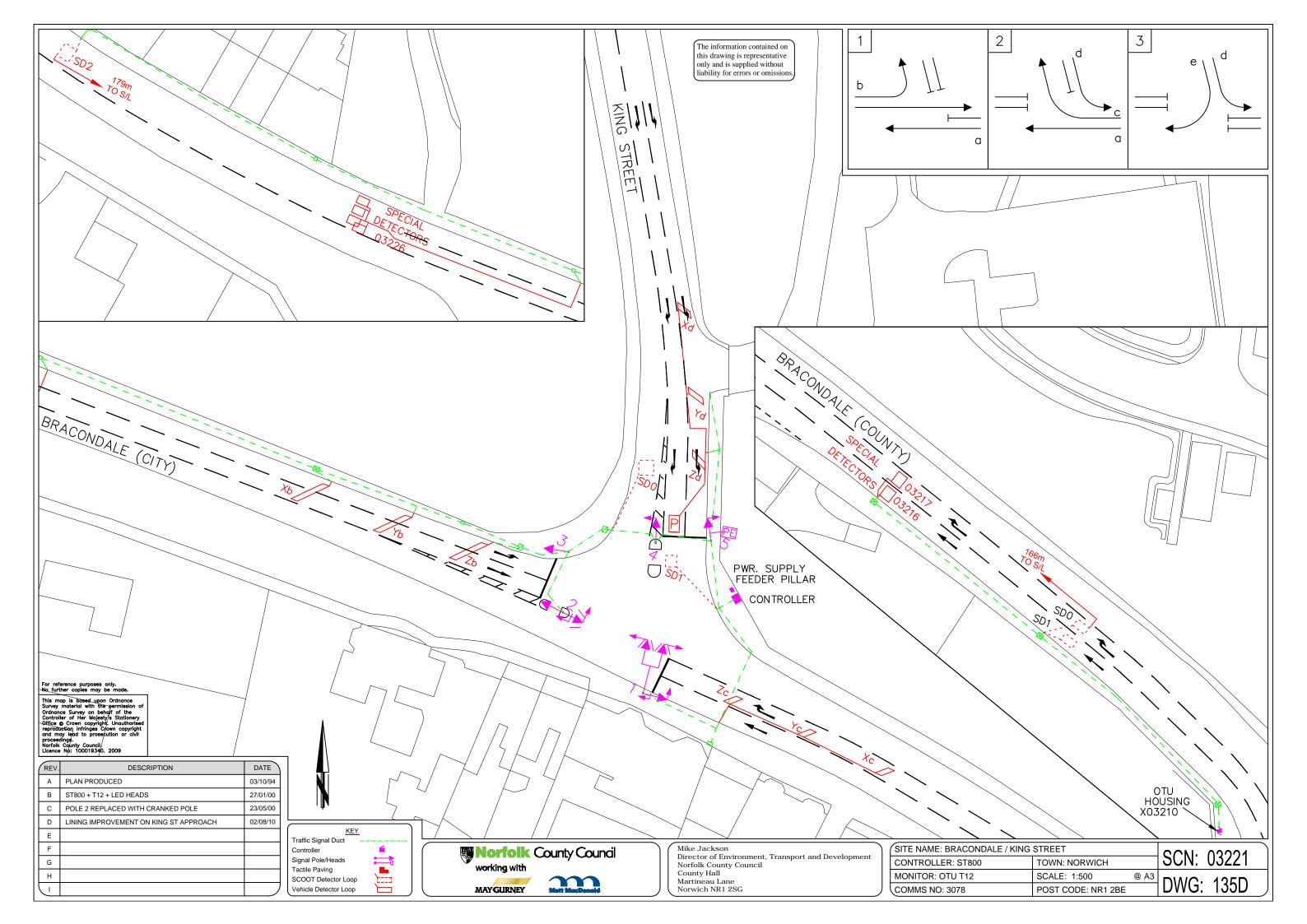


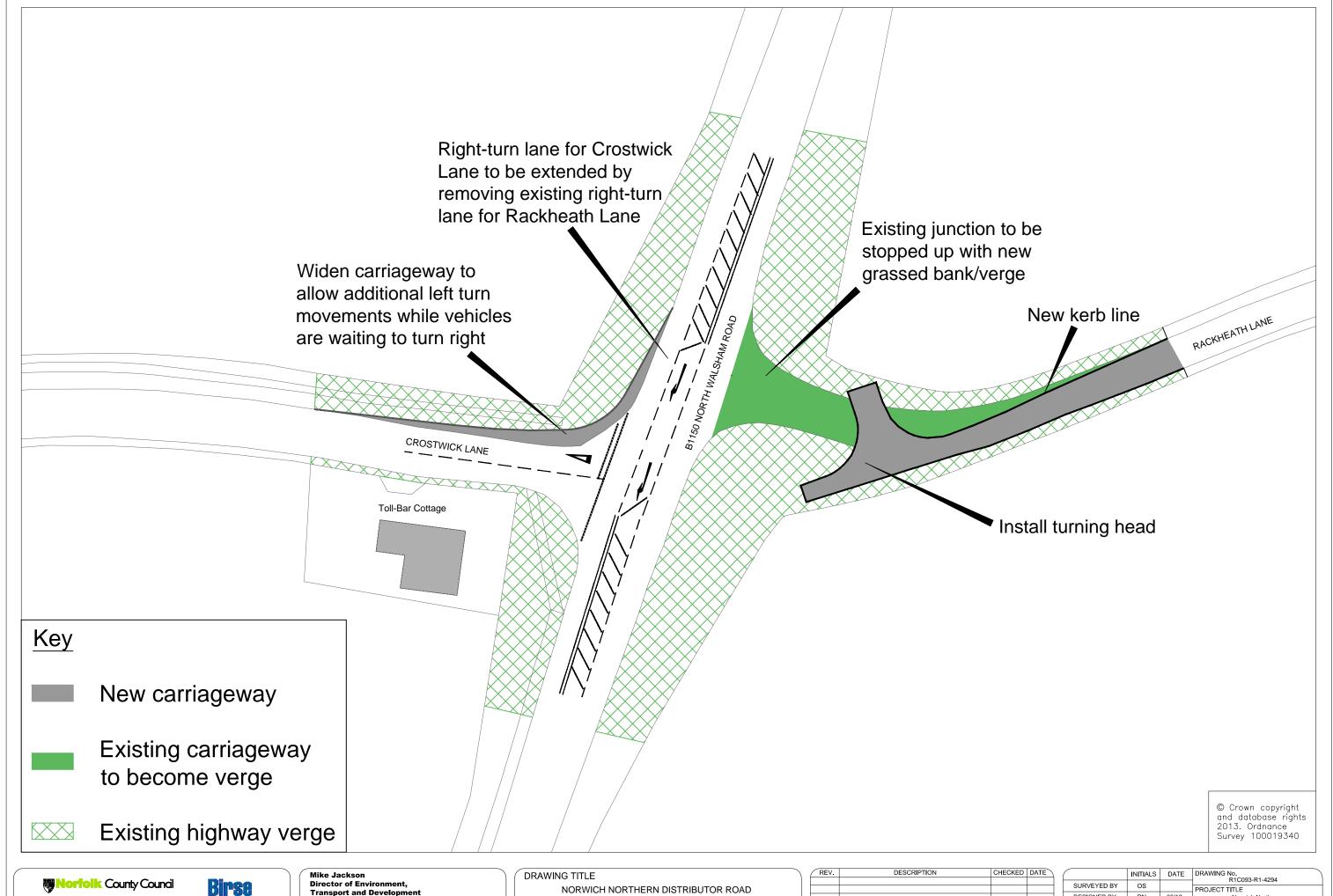
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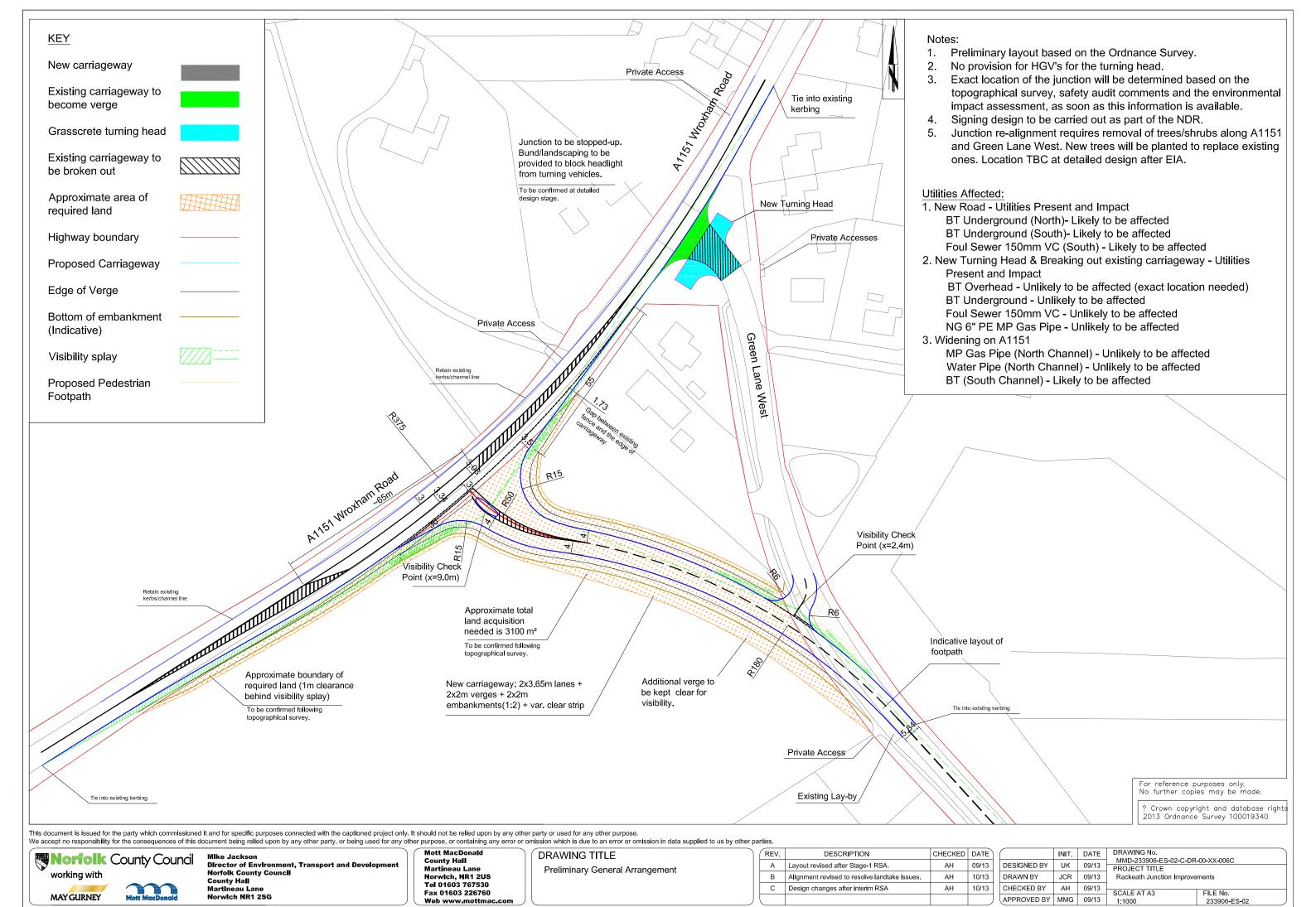


Mike Jackson
Director of Environment,
Transport and Development
Norfolk County Council
County Hall, Martineau Land
Norwich NR1 2SG

NORWICH NORTHERN DISTRIBUTOR ROAL OFF-LINE MEASURES CROSTWICK JUNCTION IMPROVEMENTS

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			Distrib	utor Road	
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ORIGINAL SIZE: A3 30/06/2009



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Appendix E – Geometric Parameters

On-line Junctions

- 01 Fakenham Road
- 02 Fir Covert Road
- 03 Reepham Road
- 04 Drayton Lane
- 05 Holt Road/Drayton Lane
- 06 Cromer Road South
- 07 Cromer Road North
- 08 Airport
- 09 North Walsham Road
- 10 Wroxham Road
- 11 Salhouse Road
- 12 Plumstead Road North
- 13 Plumstead Road South
- 14 Business Park

Postwick Junctions

- 15 Broadland Gate
- 16 Peachman Way
- 17 Postwick NW
- 18 Postwick NE
- 19 Oak's Lane

R1C093-GP01- Fakenham Road I	Roundabout	
Drawing No: R1C093-R1- 5132		
Description	Measurement	Notes
D = inscribed circle diameter	80.0	
central island diameter	62.0	
Arm A:- NDR Fakenham Road - F	Fir Covert Road Link We	stbound
v = approach half width	7.3	
e = entry width	7.7	
l' = effective flare length	6.2	
r = kerb entry radius	20.0	
Ø = entry angle	35°	
Segregated left turn lane	No	
Arm B:- Fakenham Road Northbo	ound	
v = approach half width	3.7	
e = entry width	8.0	
I' = effective flare length	36.8	
r = kerb entry radius	20.0	
Ø = entry angle	46°	
Segregated left turn lane	No	
Arm C:- Fakenham Road Eastbo	und	
v = approach half width	3.7	
e = entry width	9.0	
I' = effective flare length	26.8	
r = kerb entry radius	20.0	
Ø = entry angle	25°	
Segregated left turn lane	No	
Arm D:- Access to Attlebridge Ri	B3 and Lagoon Southbo	ound
v = approach half width	3.0	
e = entry width	4.5	
l' = effective flare length	24.0	
r = kerb entry radius	10.0	
\emptyset = entry angle	42°	
Segregated left turn lane	No	
Originator: D Goutam	Date:18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP14- Fir Covert Road Ro	undabout	
Drawing No: R1C093-R1- 5145		
Description	Measurement	Notes
D = inscribed circle diameter	90.0	
central island diameter	66.0	
Arm A:- NDR Fir Covert Road - Ree	epham Road Link Wes	tbound
v = approach half width	7.3	
e = entry width	10.6	
l' = effective flare length	14.1	
r = kerb entry radius	20.0	
\emptyset = entry angle	45°	
Segregated left turn lane	No	
Arm B:- Fir Covert Road Northbou	nd	
v = approach half width	3.1	
e = entry width	7.0	
l' = effective flare length	12.4	
r = kerb entry radius	20.0	
\emptyset = entry angle	40°	
Segregated left turn lane	No	
Arm C:- NDR Fir Covert Road - Fak	cenham Road Link Eas	tbound
v = approach half width	7.3	
e = entry width	10.7	
I' = effective flare length	13.9	
r = kerb entry radius	20.0	
\emptyset = entry angle	27°	
Segregated left turn lane	No	
Arm D:- Fir Covert Road Southbou	ınd	
v = approach half width	2.9	
e = entry width	6.9	
I' = effective flare length	11.9	
r = kerb entry radius	20.0	
\emptyset = entry angle	40°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP02- Reepham Road F	Roundabout	
Drawing No: R1C093-R1- 5133		
Description	Measurement	Notes
D = inscribed circle diameter	90.0	
central island diameter	66.0	
Arm A:- NDR Drayton Lane - Red	epham Road Link Westb	ound
v = approach half width	7.3	
e = entry width	11.0	
I' = effective flare length	13.8	
r = kerb entry radius	20.0	
Ø = entry angle	58°	
Segregated left turn lane	No	
Arm B:- Reepham Road Northbo	ound	
v = approach half width	3.0	
e = entry width	7.0	
I' = effective flare length	9.2	
r = kerb entry radius	20.0	
Ø = entry angle	42°	
Segregated left turn lane	No	
Arm C:- NDR Reepham Road-Fit	r Covert Road Link Eastb	ound
v = approach half width	7.3	
e = entry width	11.0	
I' = effective flare length	12.8	
r = kerb entry radius	20.0	
\emptyset = entry angle	46°	
Segregated left turn lane	No	
Arm D:- NDR Reepham Road So	outhbound	
v = approach half width	3.0	
e = entry width	7.0	
l' = effective flare length	11.7	
r = kerb entry radius	20.0	
\emptyset = entry angle	41°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP03- Drayton Lane Roo	undabout	
Drawing No: R1C093-R1- 5134		
Description	Measurement	Notes
D = inscribed circle diameter	90.0	
central island diameter	66.0	
Arm A:- NDR Cromer Road - Dra	yton Lane Link Westbou	nd
v = approach half width	7.3	
e = entry width	11.0	
I' = effective flare length	12.4	
r = kerb entry radius	20.0	
Ø = entry angle	55°	
Segregated left turn lane	No	
Arm B:- Drayton Lane Northbou		
v = approach half width	3.3	
e = entry width	6.5	
l' = effective flare length	15.9	
r = kerb entry radius	20.0	
Ø = entry angle	46°	
Segregated left turn lane	NA	
Arm C:- NDR Drayton Lane - Ree	epham Road Link Eastbo	und
v = approach half width	7.3	
e = entry width	11.0	
I' = effective flare length	12.5	
r = kerb entry radius	20.0	
Ø = entry angle	49°	
Segregated left turn lane	No	
Arm D:- Holt Road - NDR Link Ro	oad Southbound	
v = approach half width	3.3	
e = entry width	6.5	
I' = effective flare length	15.7	
r = kerb entry radius	20.0	
Ø = entry angle	41°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

Drawing No: R1C093-R1-5135		
Description	Measurement	Notes
D = inscribed circle diameter	40.0	
central island diameter	28.0	
Arm A:- Holt Road Northbound		
v = approach half width	3.3	
e = entry width	6.0	
I' = effective flare length	30.4	
r = kerb entry radius	20.0	
Ø = entry angle	44°	
Segregated left turn lane	No	
Arm B:- Holt Road - NDR Link Ro	ad Eastbound	
v = approach half width	3.3	
e = entry width	6.0	
I' = effective flare length	12.2	
r = kerb entry radius	20.0	
Ø = entry angle	43°	
Segregated left turn lane	No	
Arm C:- Holt Road Southbound		
v = approach half width	3.3	
e = entry width	6.0	
I' = effective flare length	14.4	
r = kerb entry radius	20.0	
Ø = entry angle	37°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP05- Cromer Road Round	labout (South)	
Drawing No: R1C093-R1-5136		
Description	Measurement	Notes
D = inscribed circle diameter	65.0	
central island diameter	47.5	
Arm A:- Westbound Diverge		
v = approach half width	3.7	
e = entry width	8.8	
l' = effective flare length	14.5	
r = kerb entry radius	20.0	
Ø = entry angle	39°	
Segregated left turn lane	No	
Arm B:- A 140 Holt Road Northbour	nd	Existing
v = approach half width	4.0	Ĭ
e = entry width	7.6	
l' = effective flare length	45.3	
r = kerb entry radius	20.0	
Ø = entry angle	50°	
Segregated left turn lane	No	
Arm C:- Manor Park Access Road		Existing
v = approach half width	3.0	
e = entry width	4.5	
I' = effective flare length	12.3	
r = kerb entry radius	20.0	
\emptyset = entry angle	27°	
Segregated left turn lane	No	
Arm D:- Westbound Merge		
v = approach half width	3.7	
e = entry width	4.5	
I' = effective flare length	28.0	
r = kerb entry radius	12.0	
\emptyset = entry angle	37°	
Segregated left turn lane	No	
Arm E:- Cromer Road North-South	Link Road Southboun	d
v = approach half width	7.3	
e = entry width	7.6	
l' = effective flare length	2.7	
r = kerb entry radius	20.0	
\emptyset = entry angle	37°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP06- Cromer Road Round Drawing No: R1C093-R1-5137 Description			
DCG011P(1011	Measurement	Notes	
D = inscribed circle diameter	90.0		
central island diameter	74.0		
Arm A:- Cromer Road North-South	Link Road Northhbound	1	
v = approach half width	7.3		
e = entry width	8.0		
I' = effective flare length	14.4		
r = kerb entry radius	20.0		
Ø = entry angle	34°		
Segregated left turn lane	No		
Arm B:- Eastbound Diverge			
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	9.9		
r = kerb entry radius	20.0		
\emptyset = entry angle	38°		
Segregated left turn lane	NA		
Arm C:- Cromer Road Southbound			
v = approach half width	3.7		
e = entry width	7.0		
I' = effective flare length	37.5		
r = kerb entry radius	20.0		
\emptyset = entry angle	48°		
Segregated left turn lane	No		
Arm D:- Private Means of Access			
v = approach half width	3.0		
e = entry width	5.0		
I' = effective flare length	39.4		
r = kerb entry radius	10.0		
\emptyset = entry angle	36°		
Segregated left turn lane	NA		
Arm E:- Eastbound Merge		Exit Only	
v = approach half width	NA		
e = entry width	NA		
I' = effective flare length	NA		
r = kerb entry radius	NA		
Ø = entry angle	NA		
Segregated left turn lane	NA		
Originator: D Goutam	Date: 18/11/2013		
Checker: M Kurek	Date: 18/11/2013		

R1C093-GP07- Airport Roundabout		
Drawing No: R1C093-R1-5138		
Description	Measurement	Notes
D = inscribed circle diameter	90.0	
central island diameter	72.0	
Arm A:- NDR North Walsham Road -	- Airport Round	about Link Westbou
v = approach half width	7.3	
e = entry width	7.8	
I' = effective flare length	3.6	
r = kerb entry radius	20.0	
Ø = entry angle	36°	
Segregated left turn lane	No	
Arm B:- Petan Access Road Northbo	ound	
v = approach half width	3.7	
e = entry width	6.4	
I' = effective flare length	5.3	
r = kerb entry radius	20.0	
\emptyset = entry angle	40°	
Segregated left turn lane	No	
Arm C:- NDR Airport Roundabout - (Cromer Road Li	nk Eastbound
v = approach half width	7.3	
e = entry width	7.7	
I' = effective flare length	3.4	
r = kerb entry radius	20.0	
Ø = entry angle	36°	
Segregated left turn lane	No	
Originator: D. Cautam	Date: 18/11/201	2
Originator: D Goutam Checker: M Kurek	Date: 18/11/2013	
CHECKEL IVI KULEK	Date. 10/11/2013	

R1C093-GP08- North Walsham Road Roundabout			
Drawing No: R1C093-R1- 5139			
Description	Measurement	Notes	
D = inscribed circle diameter	90.0		
central island diameter	66.0		
Arm A:- NDR Wroxham Road - No	rth Walsham Road	d Link Westbound	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	34.8		
r = kerb entry radius	20.0		
\emptyset = entry angle	45°		
Segregated left turn lane	No		
Arm B:- North Walsham Road Nor	thbound		
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	27.4		
r = kerb entry radius	20.0		
Ø = entry angle	38°		
Segregated left turn lane	No		
Arm C:- NDR North Walsham Road	d - Airport Rounda	about Link Eastbound	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	44.5		
r = kerb entry radius	20.0		
Ø = entry angle	42°		
Segregated left turn lane	No		
Arm D:- North Walsham Road Sou	ıthbound		
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	23.6		
r = kerb entry radius	20.0		
\emptyset = entry angle	37°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/201	3	
Checker: M Kurek	Date: 18/11/201	Date: 18/11/2013	

R1C093-GP09- Wroxham Road Roundabout			
Drawing No: R1C093-R1-5140			
Description	Measurement	Notes	
D = inscribed circle diameter	90.0		
central island diameter	66.0		
Arm A:- NDR Salhouse Road - Wrox	ham Road Link	Northbound	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	47.3		
r = kerb entry radius	20.0		
Ø = entry angle	48°		
Segregated left turn lane	No		
Arm B:- Wroxham Road Eastbound			
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	27.2		
r = kerb entry radius	25.0		
\emptyset = entry angle	36°		
Segregated left turn lane	No		
Arm C:- NDR Wroxham Road - North	n Walsham Roa	d Link Southbound	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	54.6		
r = kerb entry radius	20.0		
\emptyset = entry angle	52°		
Segregated left turn lane	No		
Arm D:- Access Track to Sewage Fa	rm Southbound		
v = approach half width	2.5		
e = entry width	4.0		
I' = effective flare length	2.7		
r = kerb entry radius	10.0		
\emptyset = entry angle	37°		
Segregated left turn lane	No		
Arm E:- Wroxham Road Westbound			
v = approach half width	3.7		
e = entry width	10.5		
I' = effective flare length	77.7		
r = kerb entry radius	20.0		
\emptyset = entry angle	59°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/201		
Checker: M Kurek	Date: 18/11/201	3	

R1C093-GP10- Salhouse Road Roundabout		
Drawing No: R1C093-R1-5141		
Description	Measurement	Notes
D = inscribed circle diameter	90.0	
central island diameter	66.0	
Arm A:- NDR Plumstead Road - Salf	nouse Road Lin	k Northbound
v = approach half width	7.3	
e = entry width	11.5	
I' = effective flare length	44.1	
r = kerb entry radius	25.0	
\emptyset = entry angle	39°	
Segregated left turn lane	No	
Arm B:- Salhouse Road Eastbound		
v = approach half width	3.3	
e = entry width	7.3	
I' = effective flare length	27.1	
r = kerb entry radius	25.0	
\emptyset = entry angle	36°	
Segregated left turn lane	No	
Arm C:- NDR Salhouse Road - Wrox	ham Road Link	Southbound
v = approach half width	7.3	
e = entry width	11.5	
I' = effective flare length	65.3	
r = kerb entry radius	25.0	
\emptyset = entry angle	38°	
Segregated left turn lane	No	
Arm D:- Salhouse Road Westbound		
v = approach half width	3.3	
e = entry width	10.5	
I' = effective flare length	71.0	
r = kerb entry radius	20.0	
\emptyset = entry angle	54°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

R1C093-GP11- Plumstead Road Roundabout (North)			
Drawing No: R1C093-R1-5142			
Description	Measurement	Notes	
D = inscribed circle diameter	40.0		
central island diameter	24.4		
Arm A:- NDR Plumstead Road - NDI	R Link Road Noi	rthbound	
v = approach half width	3.7		
e = entry width	7.0		
I' = effective flare length	11.3		
r = kerb entry radius	20.0		
\emptyset = entry angle	39°		
Segregated left turn lane	No		
Arm B:- Plumstead Road Eastboung	d		
v = approach half width	2.8		
e = entry width	6.0		
I' = effective flare length	11.3		
r = kerb entry radius	20.0		
\emptyset = entry angle	52°		
Segregated left turn lane	No		
Arm C:- Plumstead Road Westboun	d		
v = approach half width	2.8		
e = entry width	6.0		
I' = effective flare length	12.8		
r = kerb entry radius	20.0		
\emptyset = entry angle	35°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/2013		
Checker: M Kurek	Date:18/11/2013		

Drawing No: R1C093-R1- 5143			
Description	Measurement	Notes	
D = inscribed circle diameter	90.0		
central island diameter	66.0		
Arm A:- NDR Postwick - Plumstea	d Link Northbound	1	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	28.2		
r = kerb entry radius	20.0		
\emptyset = entry angle	41°		
Segregated left turn lane	No		
Arm B:- NDR Plumstead - Salhous	e Link Southboun	d	
v = approach half width	7.3		
e = entry width	11.0		
I' = effective flare length	32.3		
r = kerb entry radius	20.0		
\emptyset = entry angle	39°		
Segregated left turn lane	No		
Arm C:- Plumstead Road - NDR Li	nk Road Southbou	ind	
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	12.3		
r = kerb entry radius	20.0		
Ø = entry angle	40°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/201	3	
Checker: M Kurek	Date: 18/11/201	Date: 18/11/2013	

Norwich Northern Distributer Road

R1C093-GP13 Business Park RBT		
Drawing No: R1C093-R1-5144		
Description	Measurement	Notes
Business Park Roundabout		
D = inscribed circle diameter	83.0	
central island diameter	66.0	
Arm A:- Business Park Link Road		
v = approach half width	7.3	
e = entry width	7.9	
I' = effective flare length	35.0	
r = kerb entry radius	20.0	
\emptyset = entry angle	40°	
Segregated left turn lane	Yes	
Arm B:- Broadland Gate Link Road		
v = approach half width	3.7	
e = entry width	7.3	
I' = effective flare length	12.2	
r = kerb entry radius	20.0	
\emptyset = entry angle	49°	
Segregated left turn lane	No	
Arm C:- NDR Link Road		
v = approach half width	7.3	
e = entry width	8.1	
I' = effective flare length	11.4	
r = kerb entry radius	35.0	
\emptyset = entry angle	26°	
Segregated Southbound Filter Lane	Yes	
Originator: D Goutam	Date: 18/11/2013	
Checker: M Kurek	Date: 18/11/2013	

Norwich Northern Distributor Road

R1C150-GP16 Broadland Gate Roundabout			
Drawing No: R1C093-R1-5147			
Description	Measurement	Notes	
D = inscribed circle diameter	50.0		
central island diameter	32.0		
Arm A:- New Access to Develo			
v = approach half width	3.7		
e = entry width	7.0		
I' = effective flare length	17.0		
r = kerb entry radius	20.0		
\emptyset = entry angle	39°		
Segregated left turn lane	No		
Arm B:- Eastbound Broadland	Gate Link Road		
y approach half width	3.7	Width excludes additional westbound	
v = approach half width	3.7	lane for Segregated left turn	
e = entry width	7.3		
I' = effective flare length	8.3		
r = kerb entry radius	20.0		
\emptyset = entry angle	41°		
Segregated left turn lane	No		
Arm C:- Westbound Broadland	Gate Link Road	d	
v = approach half width	3.7		
e = entry width	7.3		
I' = effective flare length	15.0		
r = kerb entry radius	20.0		
\emptyset = entry angle	48°		
Segregated left turn lane	Yes		
Originator: D Goutam	Date: 18/11/2013		
Checker: M Kurek	Date: 18/11/2013		

R1C150-GP17 Peachman Way Roundabout			
Drawing No: R1C093-R1-5148			
Description	Measurement	Notes	
D = inscribed circle diameter	60.0		
central island diameter	42.0		
Arm A:- Broadland Way Northbound	1		
v = approach half width	7.3		
e = entry width	8.2		
I' = effective flare length	2.0		
r = kerb entry radius	20.0		
Ø = entry angle	50°		
Segregated left turn lane	No		
Arm B:- Peachman Way Eastbound			
v = approach half width	3.3		
e = entry width	7.0		
I' = effective flare length	8.8		
r = kerb entry radius	20.0		
Ø = entry angle	44°		
Segregated left turn lane	No		
Arm C:- Broadland Way Southboun	d		
v = approach half width	3.8		
e = entry width	7.7		
I' = effective flare length	9.0		
r = kerb entry radius	40.0		
\emptyset = entry angle	40°		
Segregated left turn lane	No		
Arm D:- Broadland Gate Link Road			
v = approach half width	3.7		
e = entry width	7.2		
I' = effective flare length	22.0		
r = kerb entry radius	20.0		
Ø = entry angle	41°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/2013		
Checker: M Kurek	Date: 18/11/2013		

R1C150-GP18 Postwick North West Roundabout			
Drawing No: R1C093-R1-5149			
Description	Measurement	Notes	
D = inscribed circle diameter	80		
central island diameter	62		
Arm A:- Existing Postwick Bridge	Northbound		
v = approach half width	3.0		
e = entry width	8.1		
I' = effective flare length	13.0		
r = kerb entry radius	20.0		
\emptyset = entry angle	48°		
Segregated left turn lane	No		
Arm B:- A1042 Yarmouth Road East	stbound		
v = approach half width	7.3		
e = entry width	9.3		
I' = effective flare length	17.8		
r = kerb entry radius	25.0		
\emptyset = entry angle	45°		
Segregated left turn lane	No		
Arm C:- Broadland Way Southbou	nd		
v = approach half width	7.3		
e = entry width	8.1		
I' = effective flare length	5.6		
r = kerb entry radius	20.0		
Ø = entry angle	40°		
Segregated left turn lane	No		
Arm D:- Broadland Gate Developm	ent		
v = approach half width	3.7		
e = entry width	7.2		
I' = effective flare length	12.5		
r = kerb entry radius	20.0		
\emptyset = entry angle	42°		
Segregated left turn lane	No		
Originator: D Goutam	Date: 18/11/20	 3	
Checker: M Kurek	Date: 18/11/20	13	

R1C150-GP15 Postwick North East Roundabout			
Drawing No: R1C093-R1-5146			
Description	Measurement	Notes	
D = inscribed circle diameter	70.0		
central island diameter	52.0		
Arm A:- New Postwick Bridge			
v = approach half width	3.7		
e = entry width	8.0		
I' = effective flare length	34.5		
r = kerb entry radius	20.0		
Ø = entry angle	41°		
Segregated left turn lane	No		
Arm B:- Eastbound diverge slip roa	nd		
v = approach half width	7.3		
e = entry width	7.7		
l' = effective flare length	4.5		
r = kerb entry radius	20.0		
\emptyset = entry angle	42°		
Segregated left turn lane	Yes		
Arm C:- Business Park Link Road			
v = approach half width	7.3		
e = entry width	7.9		
I' = effective flare length	5.4		
r = kerb entry radius	20.0		
Ø = entry angle	44°		
Segregated left turn lane	No		
Arm D:- Eastbound Merge Slip Roa	d		
v = approach half width	N/A	Exit only	
e = entry width	N/A		
I' = effective flare length	N/A		
r = kerb entry radius	N/A		
Ø = entry angle	N/A		
Segregated left turn lane	N/A		
Originator: D Goutam	Date: 18/11/20		
Checker: M Kurek	Date: 18/11/2013		

R1C150-GP19 Oak's Lane Rounda	about	
Drawing No: R1C093-R1-5150		
Description	Measurement	Notes
D = inscribed circle diameter	54	
central island diameter	34	
Arm A:- Park and Ride Access		
v = approach half width	4.0	
e = entry width	4.3	
I' = effective flare length	1.9	
r = kerb entry radius	10.0	
Ø = entry angle	41°	
Segregated left turn lane	No	
Arm B:- A1042 Yarmouth Road Ea	astbound	
v = approach half width	3.7	
e = entry width	7.6	
I' = effective flare length	9.9	
r = kerb entry radius	10.0	
Ø = entry angle	52°	
Segregated left turn lane	No	
Arm C:- A1042 Yarmouth Road W	estbound/	
v = approach half width	4.9	
e = entry width	9.7	
I' = effective flare length	16.8	
r = kerb entry radius	12.0	
\emptyset = entry angle	58°	
Segregated left turn lane	No	
Arm D:- Oak's Lane		
v = approach half width	1.7	
e = entry width	6.4	
I' = effective flare length	5.9	
r = kerb entry radius	10.0	
Ø = entry angle	49°	
Segregated left turn lane	No	
Originator: D Goutam	Date: 18/11/20	13
Checker: M Kurek	Date: 18/11/20	13



Norwich Northern Distributor Road Application for Development Consent Order

Document Reference: 5.5

Appendix F – Junction Traffic Flows

On-line Junctions

- 01 Fakenham Road- 2017 DS, 2032 DS
- 02 Fir Covert Road- 2017 DS, 2032 DS
- 03 Reepham Road- 2017 DS, 2032 DS
- 04 Drayton Lane- 2017 DS, 2032 DS
- 05 Holt Road/Drayton Lane- 2017 DS, 2032 DS
- 06 Cromer Road South- 2017 DS, 2032 DS
- 07 Cromer Road North- 2017 DS, 2032 DS
- 08 Airport- 2017 DS, 2032 DS
- 09 North Walsham Road- 2017 DS, 2032 DS
- 10 Wroxham Road- 2017 DS, 2032 DS
- 11 Salhouse Road- 2017 DS, 2032 DS
- 12 Plumstead Road North- 2017 DS, 2032 DS
- 13 Plumstead Road South- 2017 DS, 2032 DS
- 14 Business Park- 2017 DS, 2032 DS

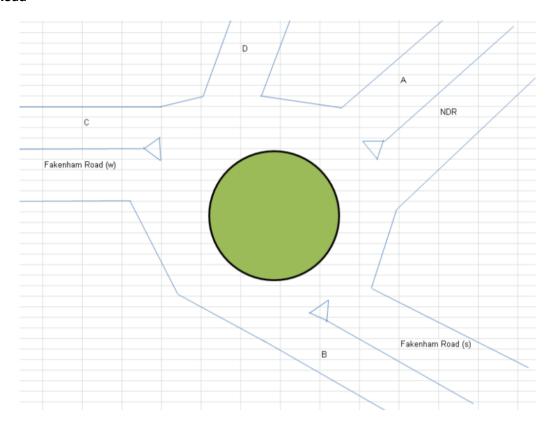
Postwick Junctions

- 15 Broadland Gate- 2017 DS, 2032 DS
- 16 Peachman Way- 2017 DM/DS, 2032 DM/DS
- 17 Postwick NW- 2017 DM/DS, 2032 DM/DS
- 18 Postwick NE- 2017 DS, 2032 DS
- 19 Oak's Lane- 2017 DM/DS, 2032 DM/DS
- 20 Park & Ride- 2017 DM/DS, 2032 DM/DS

Off-line Junctions

- 21 A47/A146 Trowse- 2017 DM/DS, 2032 DM/DS
- 22 A146 / Martineau Lane- 2017 DM/DS, 2032 DM/DS
- 23 Bracondale/King Street- 2017 DM/DS, 2032 DM/DS
- 24 Crostwick Junction: B1150/Rackheath Lane- 2017 DM/DS, 2032 DM/DS
- 25 Rackheath Junction: A1151 Wroxham Rd/Green Lane West- 2017 DM/DS, 2032 DM/DS

Fakenham Road



2017 DS AM peak hour

AM	А	В	С	Totals
A	0	0	621	621
В	0	0	140	140
С	681	190	0	871
Totals	681	190	761	

2017 DS PM peak hour

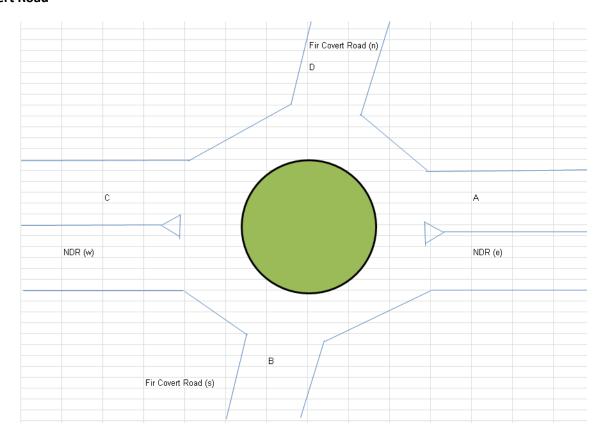
PM	A	В	С	Totals
A	0	0	642	642
В	0	0	149	149
С	669	138	0	807
Totals	669	138	791	

2032 DS AM peak hour

AM	А	В		С	Totals
A		0	0	864	864
В		0	0	146	146
С		812	195	0	1008
Totals		812	195	1010	

PM	А	В	С	Totals
A	0	0	838	838
В	0	0	175	175
С	866	147	0	1013
Totals	866	147	1012	

Fir Covert Road



2017 DS AM peak hour

AM	А	В	С	D	Total
A	0	140	539	0	679
В	140	0	0	130	270
С	653	0	0	26	679
D	0	209	78	0	287
Totals	793	349	617	156	

2017 DS PM peak hour

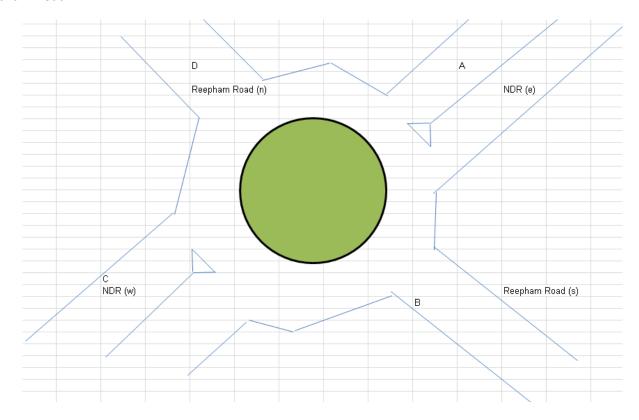
PM	А	В	С	D	Total
Α	0	148	616	0	764
В	153	0	0	197	350
С	631	0	0	34	665
D	0	163	21	0	183
Totals	784	310	637	231	

2032 DS AM peak hour

AM	A	В	С	D	Total
Α	0	202	786	0	988
В	414	0	0	128	542
С	795	0	0	15	810
D	0	236	80	0	316
Totals	1209	438	866	144	

PM	А	В	С	D	Total
Α	0	276	808	0	1084
В	302	0	0	209	511
С	826	0	0	36	862
D	0	175	22	0	197
Totals	1128	452	830	245	

Reepham Road



2017 DS AM peak hour

AM	А	В	С	D	Total
Α	0	31	643	211	885
В	94	0	35	47	176
С	757	35	0	0	792
D	249	132	0	0	381
Totals	1100	199	678	257	

2017 DS PM peak hour

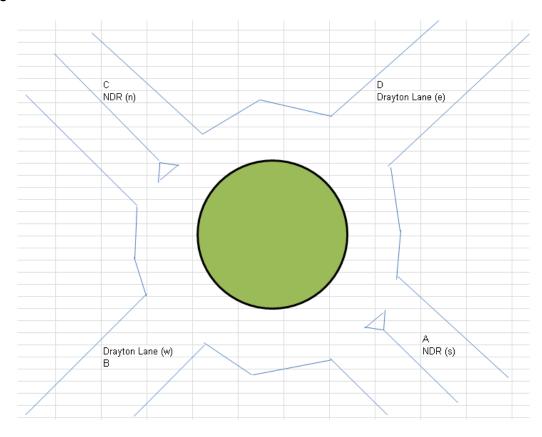
PM	А	В	С	D	Total
Α	0	65	727	270	1062
В	36	0	35	91	162
С	747	35	0	0	782
D	209	90	0	0	298
Totals	991	190	763	360	

2032 DS AM peak hour

AM	А	В	С	D	Total
A	0	78	956	211	1245
В	171	0	29	58	258
С	1180	36	0	0	1216
D	235	152	0	0	387
Totals	1586	266	985	269	

PM	А	В	С	D	Total
A	0	147	1047	251	1445
В	87	0	34	92	214
С	1092	34	0	0	1126
D	201	88	0	0	289
Totals	1381	268	1082	343	

Drayton Lane



2017 DS AM peak hour

AM	А		В	С	D	Total
Α		0	169	672	176	1018
В		184	0	175	248	607
С		930	133	0	41	1104
D		316	381	46	0	742
Totals		1430	683	893	465	

2017 DS PM peak hour

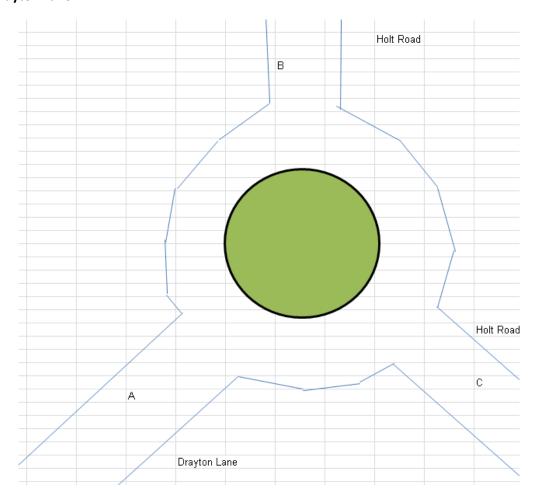
PM	А	В	С	D	Total
Α	0	198	804	220	1222
В	173	0	231	324	728
С	826	113	0	55	995
D	171	206	32	0	410
Totals	1170	517	1067	600	

2032 DS AM peak hour

AM	А	В	С	D	Total
Α	0	208	969	202	1379
В	258	0	231	220	709
С	1334	201	0	57	1592
D	324	305	54	0	683
Totals	1916	715	1254	478	

PM	А	В	С	D	Total
Α	0	246	1123	238	1607
В	228	0	277	239	744
С	1146	150	0	87	1383
D	185	181	49	0	415
Totals	1559	577	1449	564	

Holt Road/ Drayton Lane



2017 DS AM peak hour

AM	А	В	С	Total
A	0	469		469
В	742	0		742
С				0
Total	742	469	0	

2017 DS PM peak hour

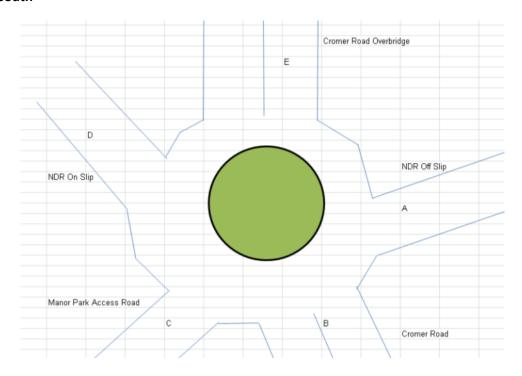
PM	A	В	С	Total
A	0	604		604
В	410	0		410
С				0
Total	410	604	0	

2032 DS AM peak hour

AM	A	В	С	Total
A	0	482		482
В	683	0		683
С				0
Total	683	482	0	

PM	Α	В	С	Total
Α	0	570		570
В	415	0		415
С				0
Total	415	570	0	

Cromer Road South



2017 DS AM peak hour

AM	А	В	С	D	E	Total
A	0	207		0	92	298
В	0	2		317	607	926
С						0
D	0	0		0	0	0
E	0	1205		52	0	1256
Total	0	1413	0	369	698	

2017 DS PM peak hour

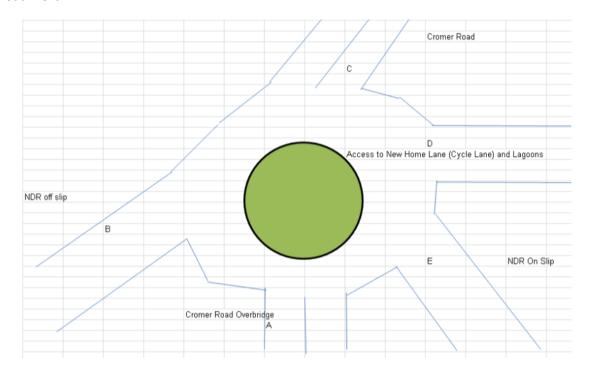
PM	А	В	С	D	Е	Total
A	0	141		0	118	260
В	0	2		412	901	1314
С						0
D	0	0		0	0	0
E	0	871		70	0	941
Total	0	1014	0	482	1019	

2032 DS AM peak hour

AM	А	В	С	D	E	Total
A	(309		0	322	631
В	(2		369	953	1324
С						0
D	(0		0	0	0
E	(1200		71	0	1271
Total	(1511	0	440	1275	

PM	А	В	С	D	Е	Total
Α	0	206		0	199	405
В	0	2		435	1070	1507
С						0
D	0	0		0	0	0
E	0	1187		187	0	1374
Total	0	1396	0	621	1269	

Cromer Road North



2017 DS AM peak hour

AM	А	В	С	D	E	Total
A	(0	606	2	91	699
В	450	3 0	123	0	0	576
С	809	5 0	0	0	189	994
D		2 0	0	0	0	2
E	(0	0	0	0	0
Total	1260	0	729	2	280	

2017 DS PM peak hour

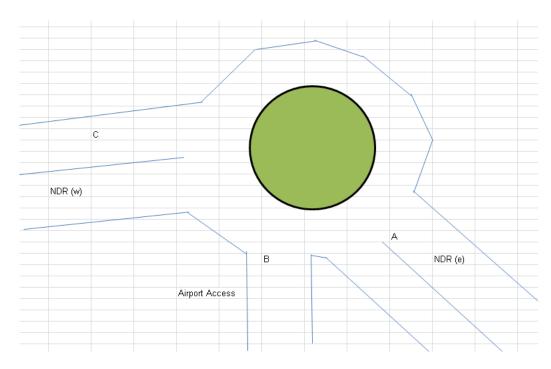
PM	А	В	С	D	E	Total
A	0	0	834	2	183	1019
В	346	0	146	0	0	492
С	602	0	0	0	106	708
D	2	0	0	0	0	2
E	0	0	0	0	0	0
Total	950	0	980	2	289	

2032 DS AM peak hour

AM	А	В	С	D	E	Total
A	0	0	611	557	108	1276
В	413	0	130	142	0	685
С	758	0	0	16	294	1068
D	109	0	3	0	60	171
E	0	0	0	0	0	0
Total	1280	0	744	715	462	

PM	А	В	С	D	Е	Total
Α	0	0	926	103	243	1272
В	373	0	144	19	0	536
С	602	0	0	3	163	767
D	411	0	13	0	170	594
E	0	0	0	0	0	0
Total	1386	0	1083	124	577	,

Airport



2017 DS AM peak hour

AM	A	В	С	Totals
Α	0		939	939
В		0		0
С	1128		0	1128
Total	1128	0	939	

2017 DS PM peak hour

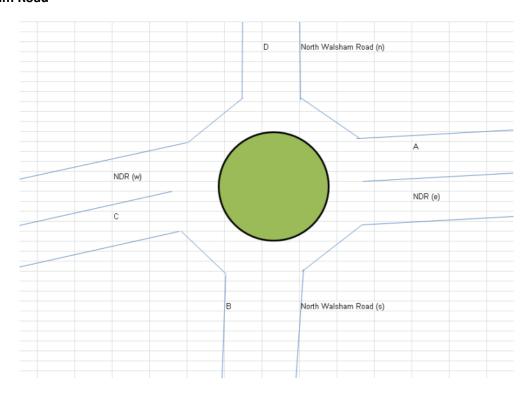
PM	А	В	С	Totals
A	0		994	994
В		0		0
С	963			963
Total	963	0	994	

2032 DS AM peak hour

AM	Α	В	С
Α	0		1561
В		0	
С	1688		
Total	1688	0	1561

PM	A	В	С
A	0		1387
В		0	
С	1595		
Total	1595	0	1387

North Walsham Road



2017 DS AM peak hour

AM	А	В	С	D	Total
A	0	65	761	388	1214
В	117	0	146	156	418
С	958	109	0	61	1129
D	621	324	30	0	976
Totals	1696	498	937	605	

2017 DS PM peak hour

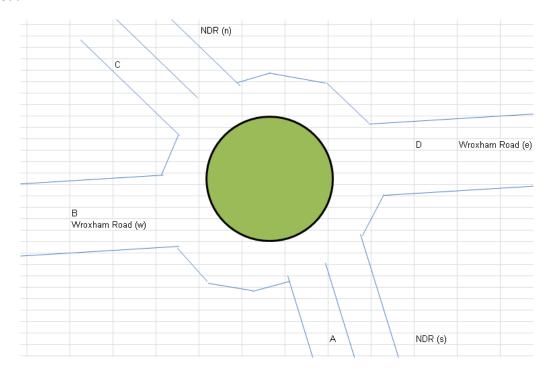
PM	А	В	С	D	Total
A	0	100	792	594	1486
В	75	0	106	362	544
С	858	101	0	3	963
D	411	140	96	0	647
Totals	1344	342	994	959	

2032 DS AM peak hour

AM	Α	В	С	D	Total
Α	0	107	1163	438	1708
В	150	0	280	163	593
С	1392	196	0	100	1688
D	582	214	116	0	912
Totals	2123	517	1559	701	

PM	А	В	С	D	Total
A	0	168	1094	613	1874
В	119	0	169	317	605
С	1331	201	0	63	1595
D	486	120	123	0	728
Totals	1935	488	1385	993	

Wroxham Road



2017 DS AM peak hour

AM	А	В	С	D	Total
Α	0	141	1022	287	1450
В	123	0	15	246	385
С	1459	14	0	222	1696
D	491	336	174	0	1002
Totals	2074	492	1211	756	

2017 DS PM peak hour

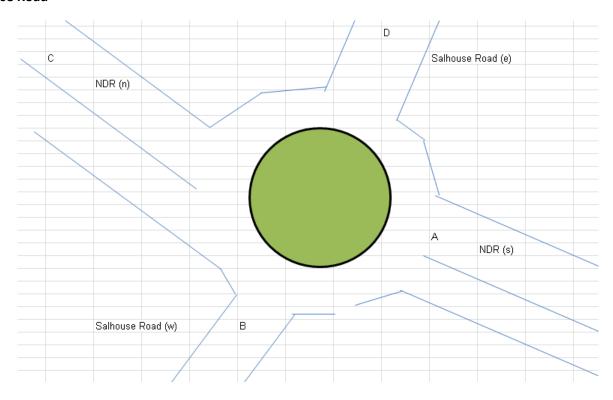
PM	A	В	С	D	Total
Α	0	128	1254	418	1799
В	135	0	16	320	471
С	1057	36	0	252	1346
D	399	231	216	0	846
Totals	1591	394	1485	990	

2032 DS AM peak hour

AM	A	В	С	D	Total
Α	0	132	1469	345	1946
В	154	0	25	356	535
С	1760	6	0	348	2114
D	506	417	206	0	1128
Totals	2420	555	1700	1048	

PM	А	В	С	D	Total
A	0	198	1480	390	2068
В	150	0	31	379	560
С	1545	86	0	302	1932
D	444	339	358	0	1142
Totals	2140	623	1869	1070	

Salhouse Road



2017 DS AM peak hour

AM	А	В	С	D	Total
A	0	238	1104	130	1472
В	178	0	190	124	492
С	1805	210	0	47	2062
D	225	207	157	0	589
Totals	2209	655	1451	300	

2017 DS PM peak hour

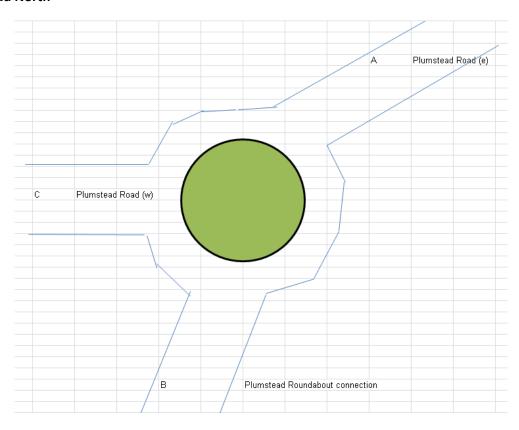
PM	А	В	С	D	Total
A	0	216	1536	189	1940
В	195	0	212	179	587
С	1331	178	0	83	1592
D	152	139	49	0	341
Totals	1679	533	1797	451	

2032 DS AM peak hour

AM	Α	В	С	D	Total
A	0	274	1405	286	1965
В	76	0	414	223	713
С	2067	270	0	54	2391
D	440	258	128	0	825
Totals	2583	802	1946	563	

PM	А	В	С	D	Total
Α	0	237	1368	363	1968
В	23	0	369	247	638
С	1386	365	0	387	2138
D	313	281	360	0	954
Totals	1721	884	2097	997	

Plumstead Road North



2017 DS AM peak hour

AM	A	В	С	Total
A	0	192	80	272
В	121	0	243	364
С	58	230	0	288
Total	179	422	323	

2017 DS PM peak hour

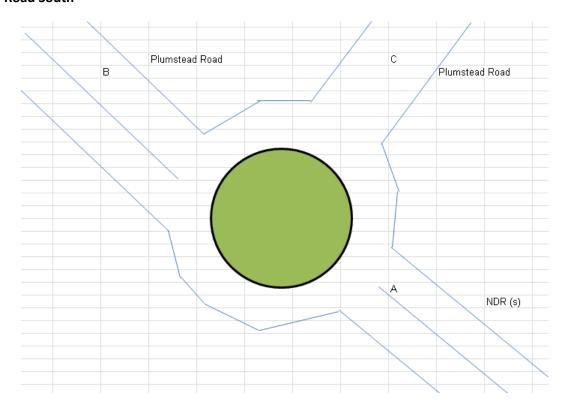
PM	A	В	С	Total
Α	0	136	74	209
В	155	0	356	511
С	94	171	0	265
Total	249	307	429	

2032 DS AM peak hour

AM	А	В	С	Total
Α	0	244	228	472
В	90	0	171	260
С	79	100	0	179
Total	169	344	399	

PM	A	В	С	Total
A	0	99	144	243
В	178	0	370	548
С	131	65	0	196
Total	309	164	514	

Plumstead Road South



2017 DS AM peak hour

AM	Α	В	С	Total
A	0	1190	114	1304
В	1957	0	250	2207
С	146	280	0	426
Total	2103	1470	364	

2017 DS PM peak hour

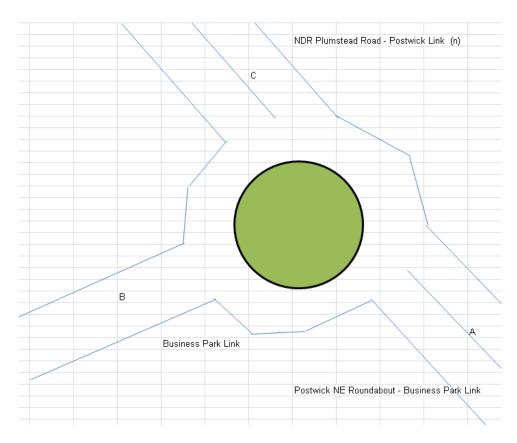
PM	А		В	С	Total
A		0	1708	249	1956
В		1411	0	261	1671
С		81	229	0	311
Total		1492	1937	509	

2032 DS AM peak hour

AM	А		В	С	Total
Α		0	1748	107	1855
В		2399	0	152	2552
С		130	218	0	348
Total		2529	1966	260	

PM	А	В	С	Total
A	0	1873	394	2267
В	1563	0	148	1711
С	76	92	0	168
Total	1638	1965	542	

Business Park



2017 DS AM peak hour

AM	A	В	С	Total
A	0	0	1173	1173
В	30	0	124	155
С	0	414	0	414
Total	30	414	1297	

2017 DS PM peak hour

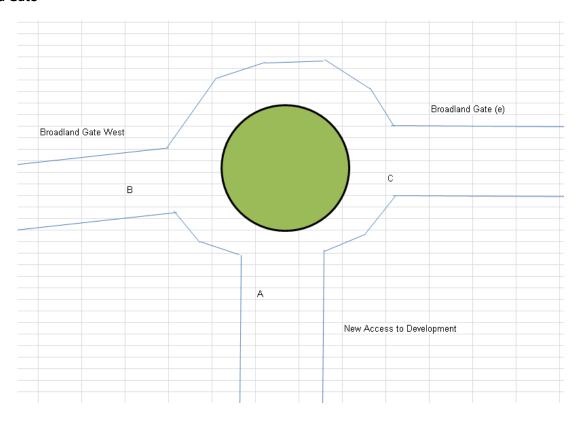
PM	А	В	С	Total
Α	0	0	1537	1537
В	74	0	412	486
С	0	127	0	127
Total	74	127	1949	

2032 DS AM peak hour

AM	A	В	С	Total
A	0	0	1619	1619
В	39	0	223	262
С	0	662	0	662
Total	39	662	1842	

PM	A	В	С	Total
A	0	0	1785	1785
В	88	0	477	565
С	0	613	0	613
Total	88	613	2262	_

Broadland Gate



2017 DS AM peak hour

AM	A	В	С	Total
A	0	0	5	5
В	1	0	149	151
С	0	1263	0	1263
Total	1	1264	155	

2017 DS PM peak hour

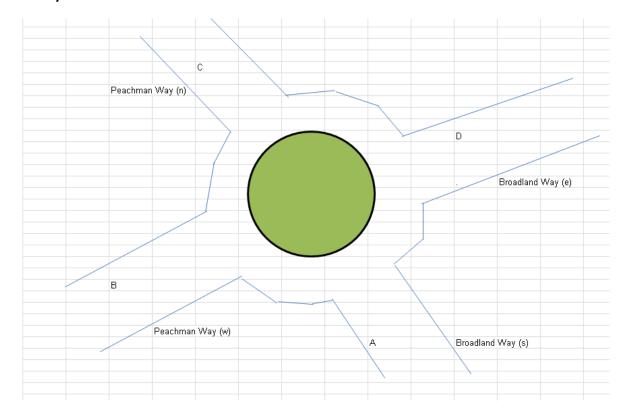
PM	А	В	С	Total
A	0	0	18	18
В	1	0	468	469
С	0	204	0	204
Total	1	204	486	

2032 DS AM peak hour

AM	А	В	С	Total
A	0	7	69	76
В	45	0	196	241
С	0	1377	0	1377
Total	45	1384	265	

PM	A	В	С	Total
A	0	70	171	241
В	23	0	399	422
С	0	809	0	809
Total	23	879	570	

Peachman Way



2017 DM AM peak hour

AM	А	В	С	D	Totals
Α	0	431	120	52	602
В	564	0	0	12	576
С	10	0	0	0	11
D	15	0	4	0	20
Totals	590	431	123	64	

2017 DM PM peak hour

PM	Α	В	С	D	Totals
Α	0	341	0	15	356
В	638	0	0	6	644
С	8	0	0	0	8
D	51	9	0	0	60
Totals	697	350	0	21	

2017 DS AM peak hour

AM	А	В	С	D	Total
Α	0	173	1	93	267
В	162	0	0	58	220
С	0	0	0	0	0
D	941	321	2	0	1264
Totals	1103	494	2	151	

2017 DS PM peak

PM	А	В	С	D	Total
Α	0	75	0	299	374
В	443	0	0	169	611
С	0	0	0	0	0
D	109	96	0	0	205
Totals	551	172	0	467	

2032 DM AM peak hour

AM	Α	В	С	D	Totals
Α	0	622	2	390	1013
В	651	0	0	120	771
С	327	0	0	78	404
D	134	42	0	0	177
Totals	1112	664	2	587	

2032 DM PM peak hour

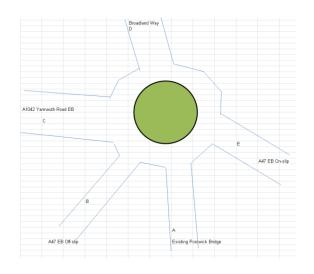
PM	А	В	С	D	Totals
Α	0	633	0	91	725
В	827	0	11	104	942
С	0	0	0	0	0
D	264	290	0	0	555
Totals	1091	924	11	195	

2032 DS AM peak hour

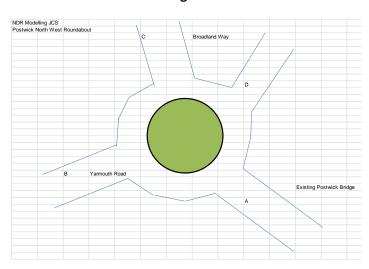
AM	А	В	С	D	Total
Α	0	132	6	126	265
В	390	0	0	116	505
С	0	0	0	0	0
D	1023	349	16	0	1388
Totals	1413	481	22	241	

PM	А	В	С	D	Total
Α	0	67	3	274	345
В	485	0	0	145	630
С	0	0	0	0	0
D	667	209	9	0	885
Totals	1152	277	13	419	

Postwick NW Do Minimum



Postwick NW Do Something



2017 DM AM peak hour

AM	А	В	С	D	Е	Total
Α	0	0	664	115	24	804
В	32	0	0	391	0	423
С	469	0	0	99	372	940
D	434	0	121	0	0	555
Е	0	0	0	0	0	0
Total	936	0	785	605	396	

2017 DM PM peak

PM	А	В	С	D	Е	Total
Α	0	0	427	78	152	658
В	50	0	0	259	0	309
С	879	0	0	29	661	1569
D	454	0	153	0	0	607
E	0	0	0	0	0	0
Total	1383	0	580	367	813	

2017 DS AM peak hour

AM	А	В	С	D	Total
Α	0	734	75	3	812
В	605	0	192	30	826
С	114	988	0	0	1102
D	6	9	0	0	15
Totals	725	1731	267	33	

2017 DS PM peak hour

PM	А	В	С	D	Total
Α	0	716	41	5	762
В	1241	0	333	10	1584
С	249	300	0	0	549
D	17	27	0	0	44
Totals	1507	1043	374	15	

2032 DM AM peak hour

AM	А	В	С	D	Е	Total
Α	0	0	347	102	10	460
В	31	0	0	686	0	718
С	537	0	0	220	422	1179
D	885	0	158	0	0	1043
E	0	0	0	0	0	0
Total	1454	0	505	1009	432	

2032 DM PM peak hour

PM	Α	В	С	D	E	Total
Α	0	0	290	98	152	539
В	45	0	0	616	0	661
С	823	0	0	36	407	1265
D	804	0	125	0	1	930
E	0	0	0	0	0	0
Total	1672	0	415	750	560	

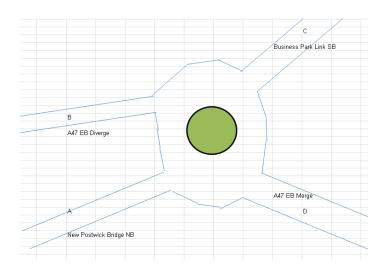
2032 DS AM peak hour

AM	А	В	С	D	Total
Α	0	633	74	6	713
В	660	0	191	195	1046
С	330	1079	0	0	1408
D	48	62	0	0	110
Totals	1038	1773	266	201	

2032 DS PM peak

PM	Α	В	С	D	Total
Α	5	532	30	8	575
В	1385	0	314	66	1765
С	837	310	0	0	1148
D	147	196	0	0	344
Totals	2375	1039	344	74	

Postwick NE 2017



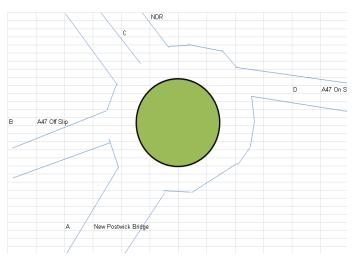
2017 DS AM peak hour

AM	Α	В	С	D	Total
Α	0	0	401	231	633
В	140	0	0	0	140
С	1072	0	0	646	1718
D	0	0	0	0	0
Totals	1212	0	401	877	

2017 DS PM peak hour

PM	Α	В	С	D	Total
Α	2	0	416	584	1002
В	334	0	0	0	334
С	804	0	0	631	1435
D	0	0	0	0	0
Totals	1140	0	416	1214	

Postwick NE 2032



2032 DS AM peak hour

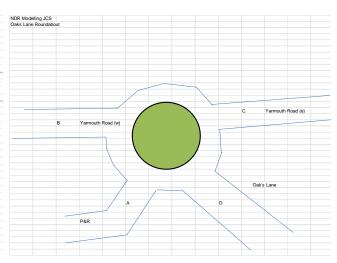
AM	Α	В	С	D	Total
Α	2	0	468	203	672
В	72	0	437	0	509
С	1196	0	0	712	1908
D	0	0	0	0	0
Totals	1271	0	904	915	

PM	А	В	С	D	Total
Α	2	0	260	641	903
В	190	0	59	0	249
С	457	0	0	615	1072
D	0	0	0	0	0
Totals	649	0	319	1256	

Oak's Lane Do Minimum

B Yarmouth Road (w) A Oak's Lane

Oak's Lane Do Something



2017 DM AM peak hour

AM	Α	В	С	Total
Α	0	117	1	118
В	66	0	0	66
С	41	878	0	919
Total	107	995	1	

2017 DM PM peak hour

PM	Α	В	С	Total
Α	0	110	3	113
В	104	0	0	104
С	28	460	0	488
Total	132	570	3	

2017 DS AM peak hour

AM	Α	В	С	D	Total
Α	0	1	0	0	1
В	15	0	0	74	89
С	121	1057	0	37	1215
D	6	114	0	0	120
Totals	143	1171	0	110	

2017 DS PM peak hour

PM	Α	В	С	D	Total
A	0	148	0	8	155
В	1	0	0	106	107
С	0	806	0	24	831
D	0	115	0	0	115
Totals	1	1069	0	138	

2032 DM AM peak hour

AM	Α	В	C	Total
Α	0	106	1	107
В	59	0	0	59
С	43	523	0	566
Total	102	629	1	

2032 DM PM peak hour

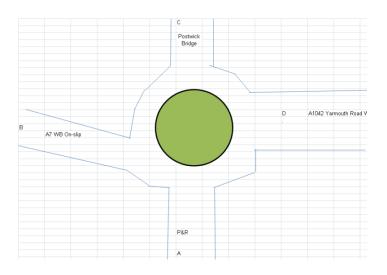
PM	А	В	С	Total
Α	0	102	3	105
В	90	0	0	90
С	32	352	0	384
Total	121	454	3	

2032 DS AM peak hour

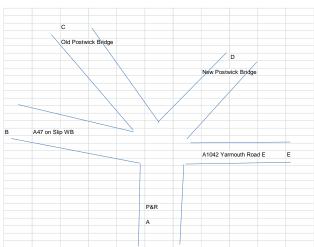
AM	Α	В	С	D	Total
Α	0	1	0	0	1
В	87	0	0	70	156
С	127	1095	0	36	1257
D	4	107	0	0	111
Totals	218	1202	0	106	

PM	А	В	С	D	Total
Α	0	212	18	6	237
В	1	0	0	101	102
С	0	549	0	26	575
D	0	106	3	0	109
Totals	1	867	21	134	

Park & Ride Do Minimum



Park & Ride Do Something



2017 DM AM peak hour

AM	Α	В	С	D	Totals
Α	0	0	0	0	1
В	0	0	0	0	0
С	19	850	0	66	936
D	115	55	812	0	982
Totals	134	906	812	66	

2032 DM AM peak hour

AM	Α	В	С	D	Totals
Α	0	0	0	0	1
В	0	0	0	0	0
С	98	1290	0	61	1449
D	76	46	498	0	619
Totals	174	1336	498	61	

2017 DM PM peak hour

PM	А	В	С	D	Totals
Α	0	0	148	7	155
В	0	0	0	0	0
С	1	1252	0	98	1351
D	0	37	526	0	563
Totals	1	1289	674	105	

2032 DM PM peak hour

PM	Α	В	С	D	Totals
Α	0	1	166	5	173
В	0	0	0	0	0
С	1	1530	0	87	1618
D	0	33	412	0	445
Totals	1	1565	579	92	

2017 DS AM peak hour

AM	Α	В	С	D	E	Total
Α	0	16	0	0	0	16
В	0	0	0	0	0	0
С	0	453	0	211	26	691
D	16	1035	109	0	63	1223
E	0	39	714	419	0	1171
Total	16	1543	823	630	89	

2032 DS AM peak hour

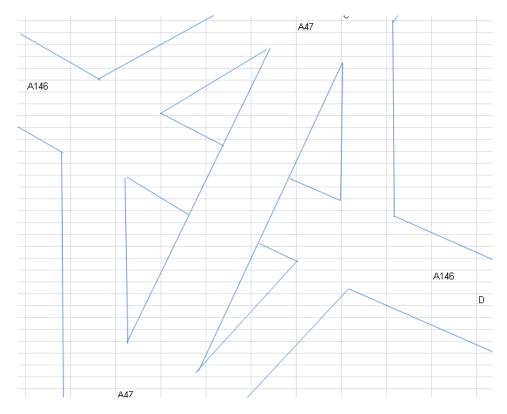
AM	А	В	С	D	Е	Total
Α	0	16	0	0	0	16
В	0	0	0	0	0	0
С	0	772	0	183	38	993
D	16	1108	44	0	119	1287
E	0	36	679	488	0	1202
Total	16	1932	723	671	156	

PM	А	В	С	D	Е	Total
Α	0	10	0	0	0	10
В	0	0	0	0	0	0
С	0	1011	0	452	31	1494
D	10	753	300	0	76	1139
Е	0	32	470	567	0	1069
Total	10	1806	770	1019	108	

2032 DS PM peak hour

PM	Α	В	С	D	Е	Total
Α	0	10	0	0	0	10
В	0	0	0	0	0	0
С	0	1801	0	503	28	2332
D	10	388	184	0	74	606
E	0	43	443	421	0	907
Total	10	2192	627	924	102	

A47/A146 Trowse



2017 DM AM peak hour

AM	Α	В	С	D	Total
Α	0	497	1760	488	2746
В	416	0	589	577	1581
С	1677	625	0	208	2510
D	602	1138	279	0	2019
Totals	2695	2261	2628	1272	

2017 DM PM peak hour

PM	Α	В	С	D	Total
Α	0	362	1678	528	2568
В	513	0	688	1092	2292
С	1751	588	0	296	2635
D	428	758	191	0	1377
Totals	2692	1708	2557	1915	

2017 DS AM peak hour

AM	А	В	С	D	Total
Α	0	522	1745	431	2698
В	405	0	658	524	1586
С	1721	747	0	260	2728
D	586	1115	324	0	2025
Totals	2712	2384	2726	1215	

2017 DS PM peak hour

PM	А	В	С	D	Total
Α	0	396	1610	495	2502
В	472	0	892	1052	2416
С	1796	686	0	341	2823
D	378	744	222	0	1344
Totals	2647	1826	2724	1889	

2032 DM AM peak hour

AM	Α	В	С	D	Total
Α	0	494	2143	480	3117
В	511	0	673	563	1747
С	2285	750	1	234	3271
D	677	1139	488	0	2304
Totals	3474	2384	3305	1276	

2032 DM PM peak hour

PM	А	В	С	D	Total
Α	0	534	2170	542	3246
В	612	0	803	1018	2433
С	2083	728	0	392	3204
D	480	750	234	0	1463
Totals	3175	2012	3207	1952	

2032 DS AM peak hour

AM	А	В	С	D	Total
Α	0	566	2005	452	3022
В	496	0	787	514	1796
С	2154	780	0	263	3197
D	673	1080	513	0	2266
Totals	3322	2426	3304	1229	

PM	А	В	С	D	Total
A	0	531	2077	569	3178
В	521	0	1019	911	2451
С	2233	896	0	478	3607
D	416	702	261	0	1378
Totals	3169	2129	3357	1959	

A146/ Martineau Lane

Martineau	Lane					Martineau	Lane	
В						С		
				А	A146			
				^	A140			

2017 DM AM peak hour

AM	Α		В		С		Total
Α		0		771	15	17	2288
В		638		0	1	94	833
С		960		114		0	1074
Total		1598		885	17	12	

2017 DM PM peak hour

PM	А	В	С	Total
Α	0	712	1011	1723
В	993	0	197	1190
С	1332	118	0	1450
Total	2326	830	1207	

2017 DS AM peak hour

AM	Α	В	С	Total
Α	0	841	1568	2409
В	659	0	206	865
С	950	121	0	1070
Total	1609	961	1774	

2017 DS PM peak hour

PM	А	В	С	Total
Α	0	733	1110	1843
В	1076	0	210	1285
С	1367	125	0	1492
Total	2443	858	1319	

2032 DM AM peak hour

AM	А	В	С	Total
Α	0	814	1617	2431
В	669	0	146	816
С	1127	70	0	1197
Total	1796	884	1764	

2032 DM PM peak hour

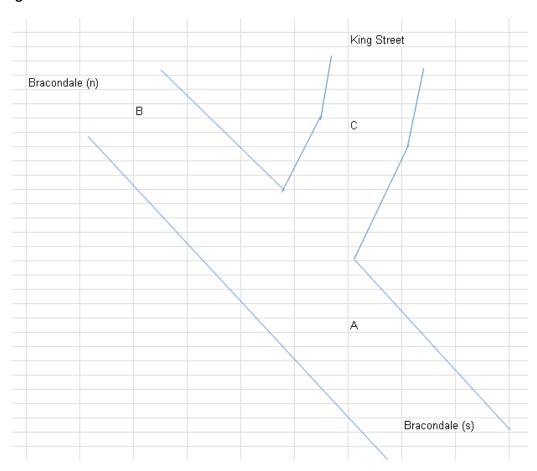
PM	А	В	С	Total
Α	0	792	1245	2037
В	1106	0	147	1253
С	1363	91	0	1454
Total	2469	883	1392	

2032 DS AM peak hour

AM	А	В	С	Total
Α	0	818	1638	2455
В	675	0	186	861
С	1167	68	0	1235
Total	1842	885	1824	

PM	А	В	С	Total
Α	0	872	1268	2141
В	1119	0	196	1315
С	1359	114	0	1473
Total	2478	987	1464	

Bracondale/King Street



2017 DM AM peak hour

AM	Α	В	С	Total
Α	0	522	830	1352
В	420	0	318	738
С	993	367	0	1360
Total	1413	889	1148	

2017 DM PM peak hour

PM	Α	В	С	Total
Α	0	599	828	1427
В	330	0	391	722
С	974	263	0	1237
Total	1304	862	1220	

2017 DS AM peak hour

AM	Α	В	С	Total
Α	0	551	812	1362
В	422	0	252	674
С	986	369	0	1355
Total	1408	920	1063	

2017 DS PM peak hour

PM	Α	В	С	Total
Α	0	627	810	1437
В	329	0	307	636
С	921	265	0	1186
Total	1251	892	1117	

2032 DM AM peak hour

AM	Α	В	С	Total
Α	0	555	843	1398
В	407	0	326	733
С	1014	378	0	1392
Total	1421	933	1169	

2032 DM PM peak hour

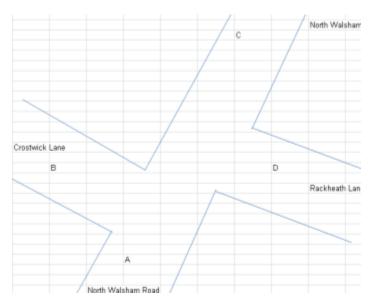
PM	Α	В	С	Total
Α	0	648	837	1485
В	351	0	426	777
С	958	270	0	1228
Total	1310	917	1263	

2032 DS AM peak hour

AM	Α	В	С	Total
Α	0	564	815	1379
В	425	0	324	749
С	953	377	0	1330
Total	1378	941	1139	

PM	А	В		С	Total
A	()	628	825	1453
В	362	2	0	433	795
С	883	3	270	0	1154
Total	1246	3	898	1258	

Crostwick Junction: B1150/Rackheath Lane Do Minimum



2017 DM AM peak hour

AM	А	В	С	D	Total
Α	0	85	288	5	378
В	27	0	3	113	143
С	744	2	0	95	841
D	5	111	35	0	152
Total	777	198	326	213	

2017 DM PM peak hour

PM	А	В	С	D	Total
Α	0	100	569	8	676
В	59	0	1	115	176
С	293	2	0	72	368
D	4	97	46	0	147
Total	357	199	616	196	

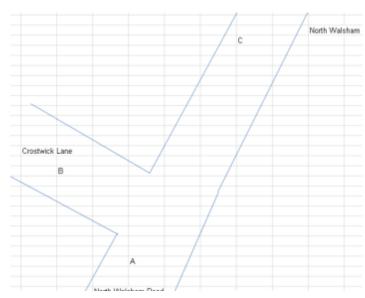
2017 DS AM peak hour

AM	А	В	С	Total
Α	0	124	486	609
В	126	0	0	126
С	875	0	0	875
Total	1001	124	486	

2017 DS PM peak hour

PM	А	В	С	Total
Α	0	187	770	958
В	93	0	0	93
С	554	3	0	556
Total	647	190	770	

Crostwick Junction: B1150/Rackheath Lane Do Something



2032 DM AM peak hour

AM	А	В	С	D	Total
Α	0	13	374	4	391
В	19	0	2	99	121
С	753	2	0	57	813
D	5	156	25	0	186
Total	777	172	401	161	

2032 DM PM peak hour

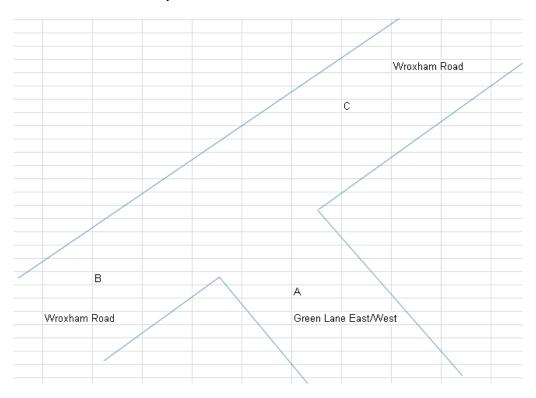
PM	А	В	С	D	Total
Α	0	112	588	9	709
В	104	0	2	108	214
С	377	4	0	57	439
D	5	106	83	0	194
Total	486	222	673	174	

2032 DS AM peak hour

AM	А	В	С	Total
Α	0	115	589	704
В	123	0	0	123
С	795	2	0	797
Total	919	117	589	

PM	А	В	С	Total
Α	0	164	836	1000
В	107	0	0	107
С	621	3	0	625
Total	728	167	836	

Rackheath Junction: A1151 Wroxham Rd/Green Lane West



2017 DM AM peak hour

AM	А	В	С	Total
Α	0	101	124	225
В	96	0	370	466
С	262	519	0	781
Total	358	620	494	

2017 DM PM peak hour

PM	А	В	С	Total
Α	0	97	136	234
В	93	0	528	620
С	184	422	0	605
Total	276	519	664	

2017 DS AM peak hour

AM	А	В	С	Total
Α	0	95	7	102
В	127	0	631	757
С	16	909	0	925
Total	142	1004	638	

2017 DS PM peak hour

PM	А	В	С	Total
Α	0	125	15	140
В	85	0	907	992
С	10	721	0	731
Total	95	846	922	

2032 DM AM peak hour

AM	А	В	С	Total
A	0	307	150	457
В	254	0	320	574
С	210	330	0	540
Total	464	637	469	

2032 DM PM peak hour

PM	Α	В	С	Total
Α	0	301	209	511
В	359	0	392	750
С	182	328	0	511
Total	541	629	601	

2032 DS AM peak hour

AM	А	В	С	Total
Α	0	343	4	347
В	338	0	710	1048
С	7	787	0	794
Total	344	1130	715	

PM	А	В	С	Total
Α	0	350	7	357
В	319	0	758	1077
С	4	792	0	796
Total	323	1142	766	