

Norfolk Boreas Offshore Wind Farm

Outline Traffic Management Plan Figures

(Version 3)

Applicant: Norfolk Boreas
Limited Document Reference: 8.8
Deadline 5
Date: February 2020
Revision: Version 3
Author: Royal HaskoningDHV

Photo: Ormonde Offshore Wind Farm



Legend:
 Norfolk Boreas onshore red line boundary

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Onshore Project Study Area

Figure: 1	Drawing No: PB5640-007-009-001				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
02	15/05/2019	JT	CD	A3	1:200,000
01	24/04/2019	JT	CD	A3	1:200,000

Co-ordinate system: British National Grid EPSG: 27700

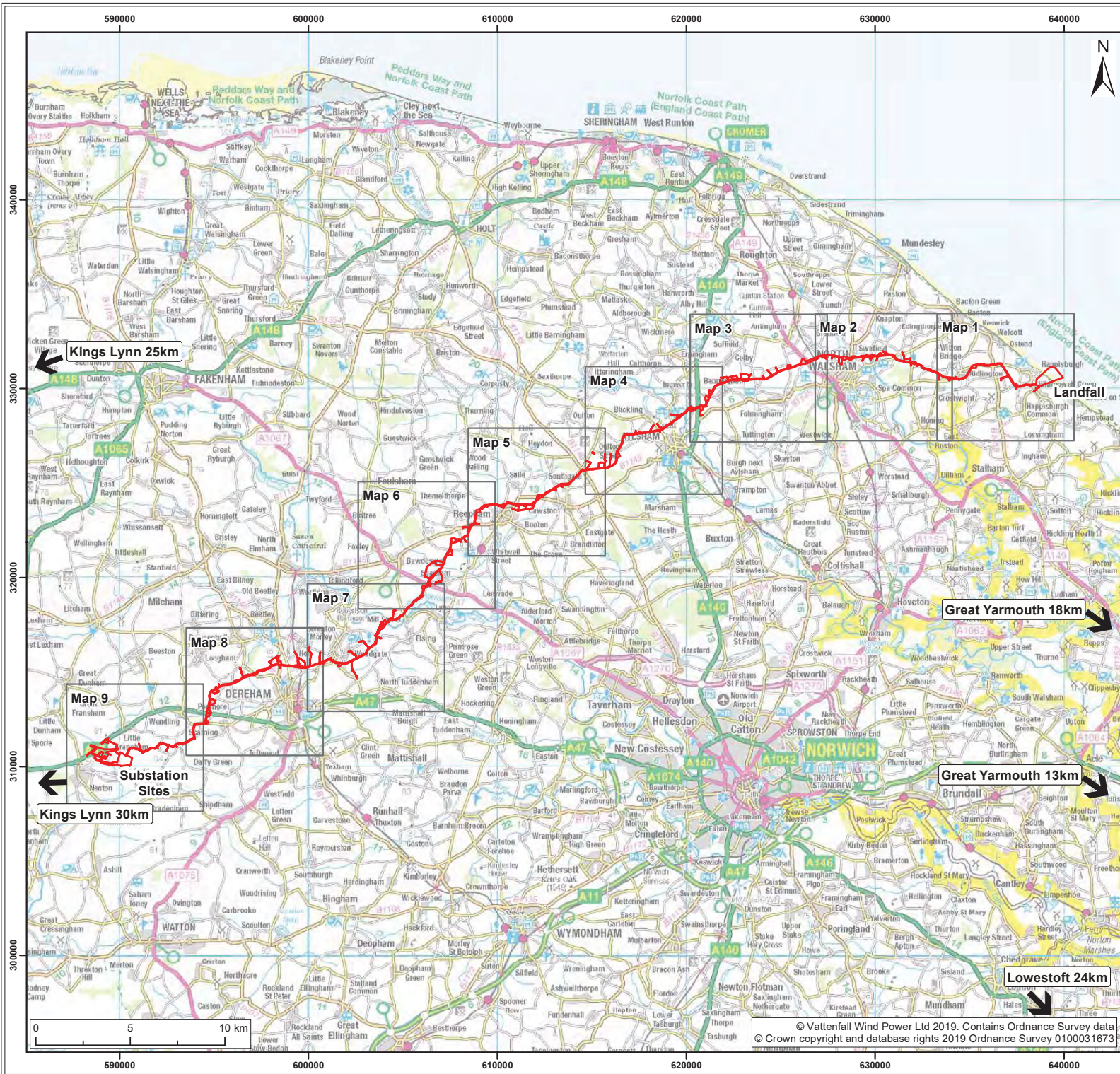


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- Legend:
- Norfolk Boreas onshore red line boundary
 - Location of cable route sections - see figure 2a
 - ◆ Port location¹

NOTE: Distances to towns measured from edge of map.
¹ DECC, 2012.

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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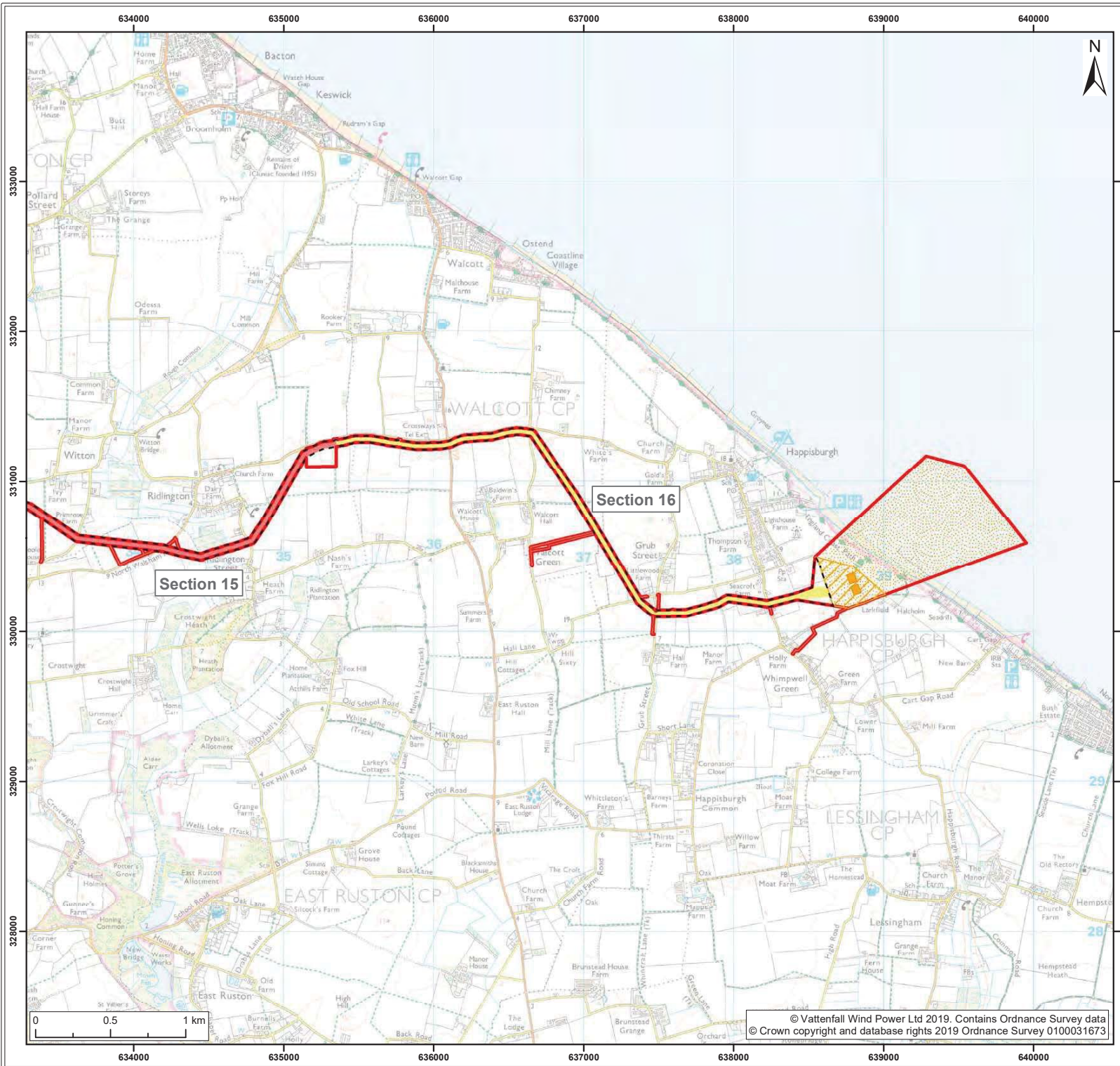
Title:
Scenario 1 - Onshore Infrastructure

Figure: 2	Drawing No: PB5640-007-009-002				
Revision: 01	Date: 24/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:200,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Landfall zone
- Landfall compound zone
- Indicative landfall compound
- Onshore cable route
- Construction access
- Operational access
- Cable Route Sections**
- Section 15
- Section 16

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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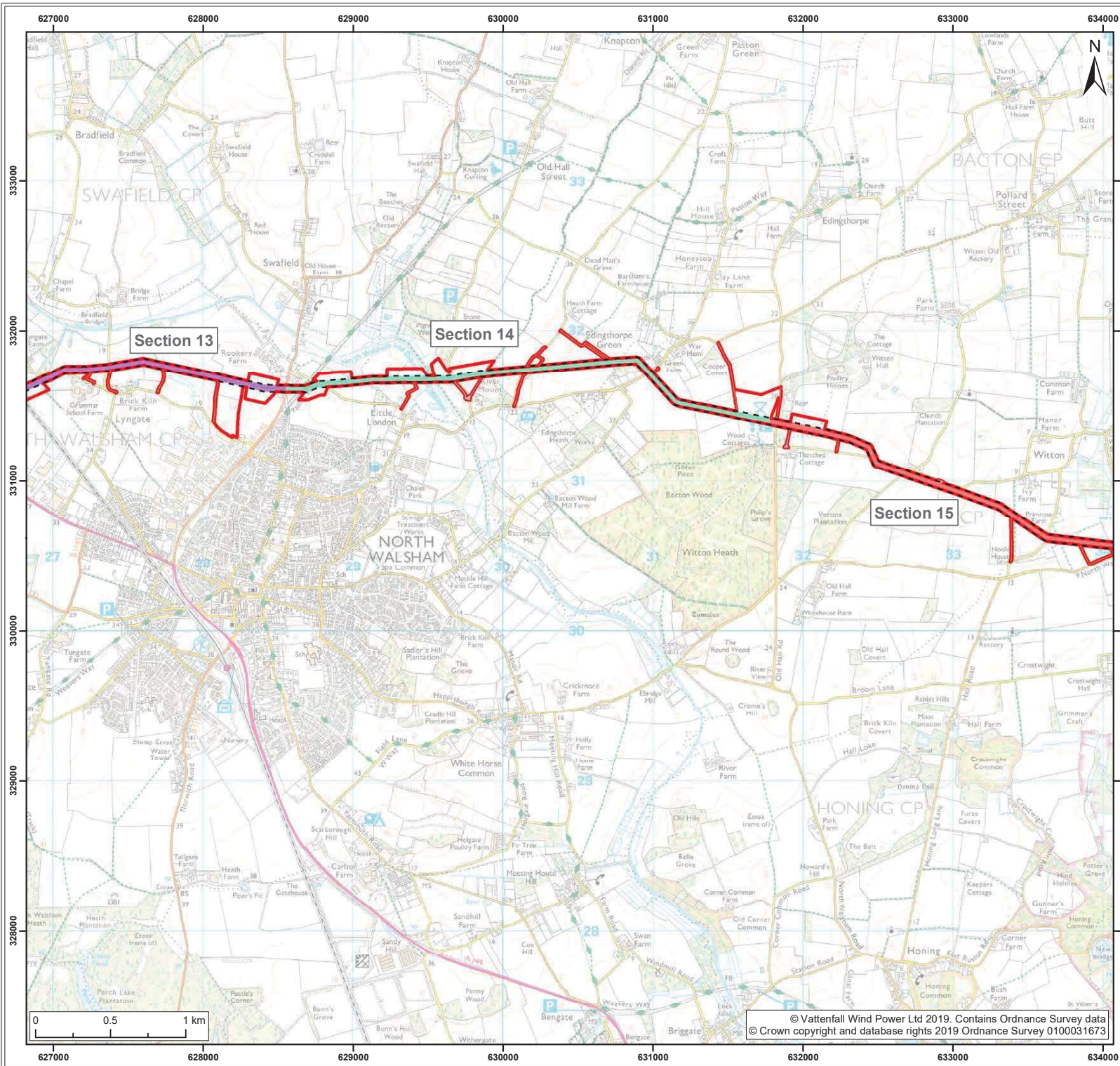
Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 1 of 9)

Figure: 2a	Drawing No: PB5640-007-009-002a				
Revision: 01	Date: 24/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Construction access
- Operational access
- Cable Route Sections**
- Section 13
- Section 14
- Section 15

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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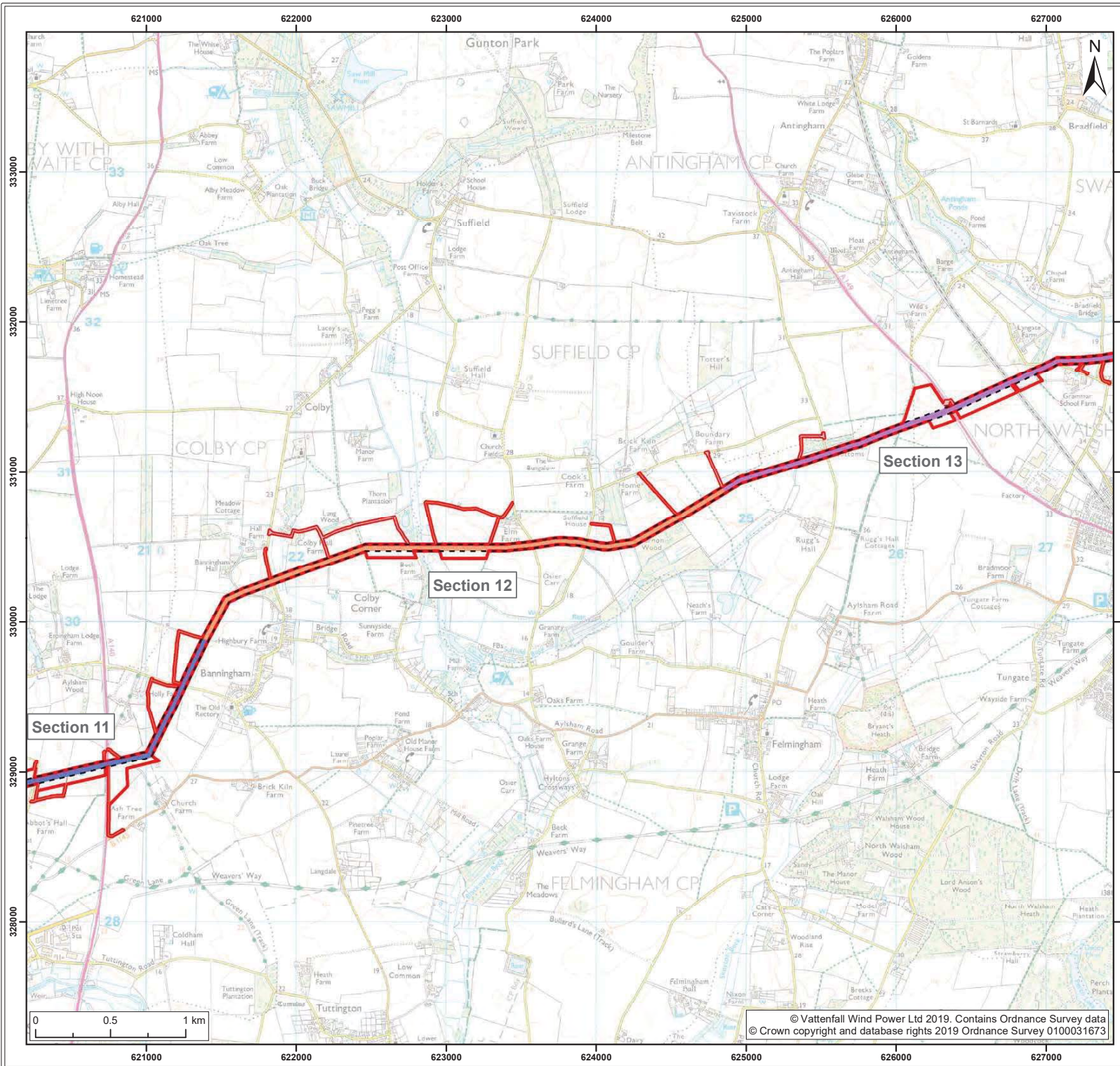
Title:
**Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 2 of 9)**

Figure: 2a	Drawing No: PB5640-007-009-002a				
Revision: 01	Date: 24/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:25,000

Co-ordinate system: **British National Grid** EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Cable Route Sections**
 - Section 11
 - Section 12
 - Section 13

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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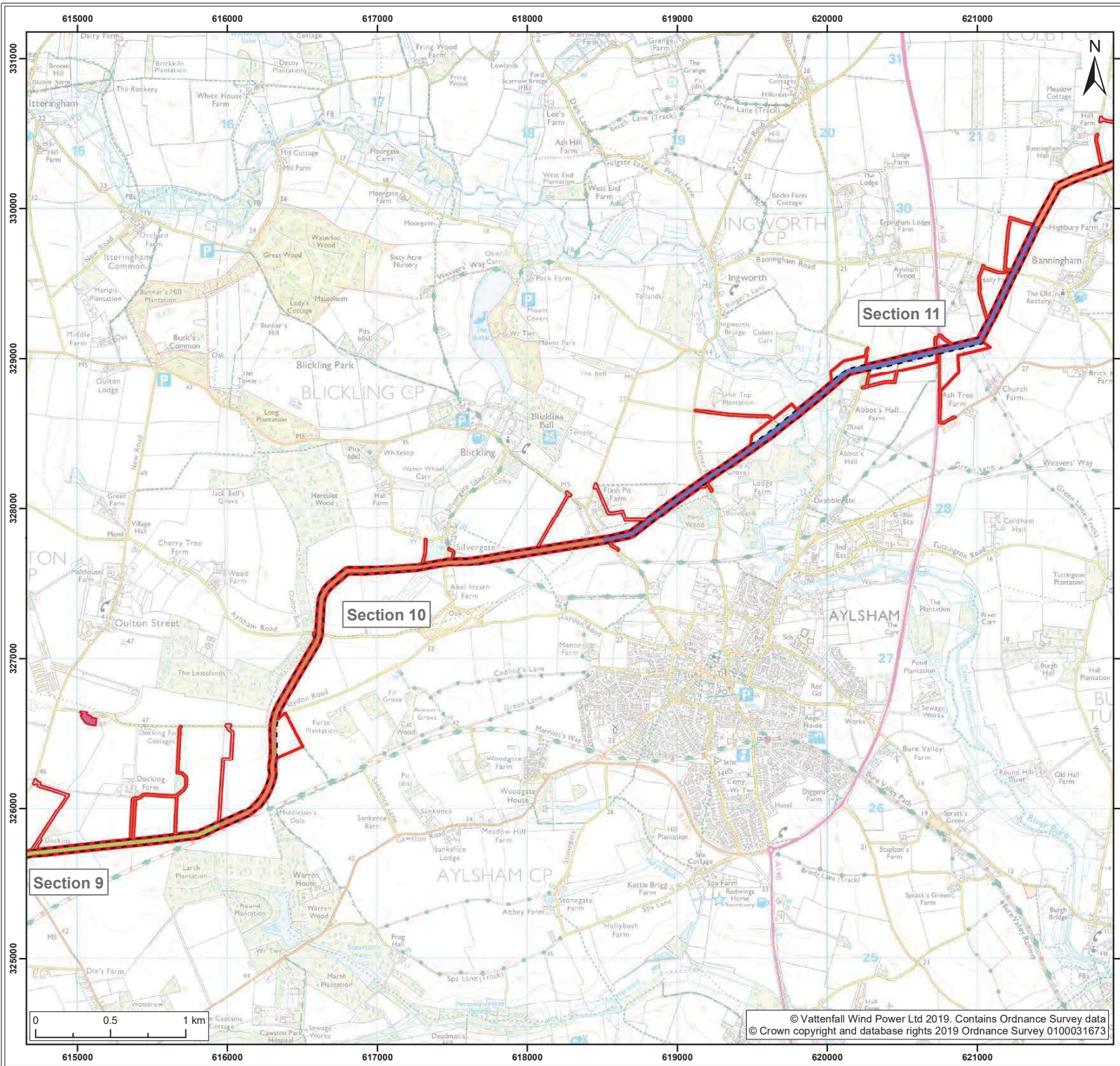
Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 3 of 9)

Figure: 2a	Drawing No: PB5640-007-009-002a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
01	24/04/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Cable logistics area
- Construction access
- Operational access
- Cable Route Sections**
- Section 9
- Section 10
- Section 11
- Section 12

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 4 of 9)

Figure: 2a Drawing No: PB5640-007-009-002a

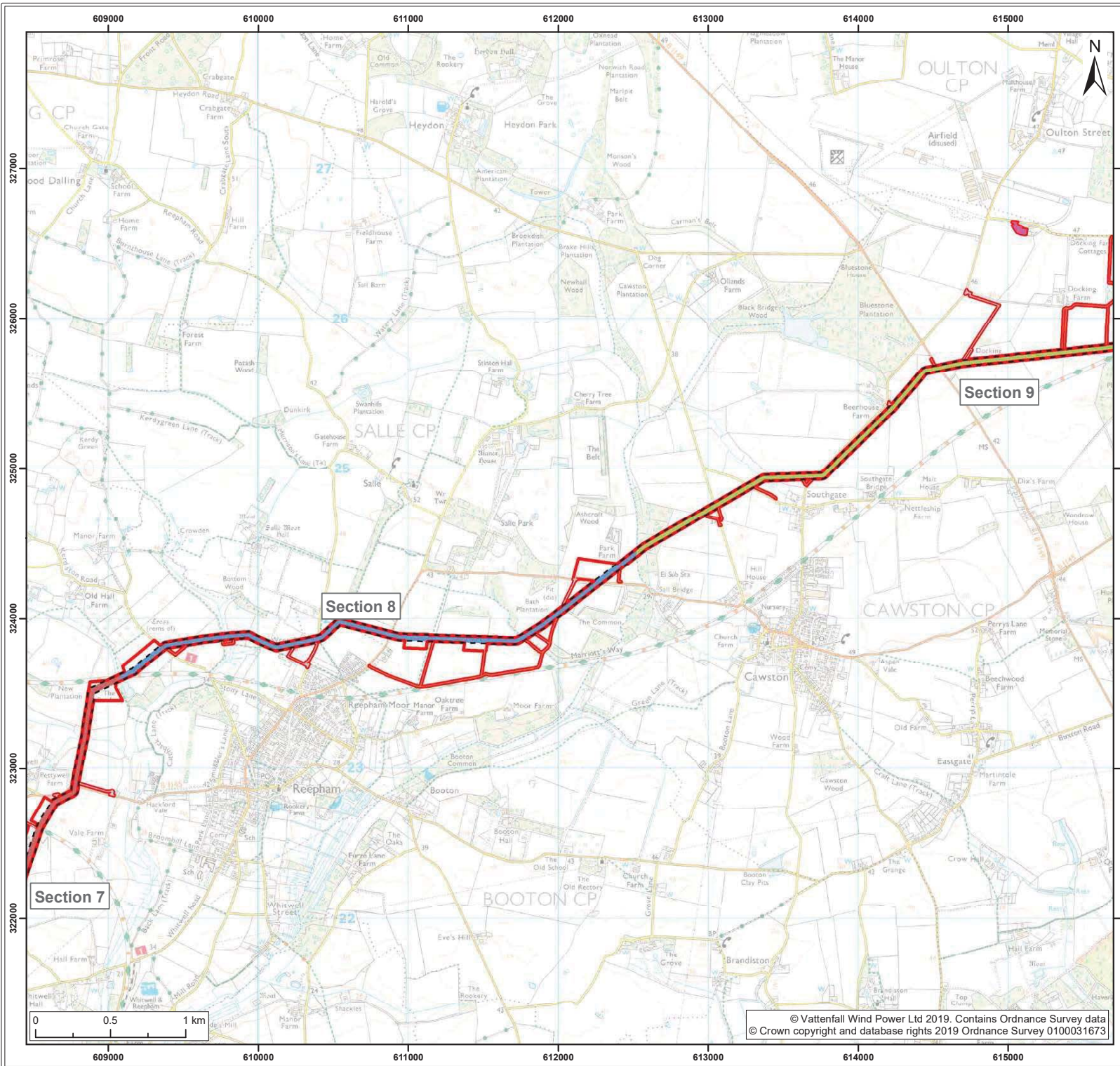
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01	24/04/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid **EPSG:** 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Cable logistics area
- Construction access
- Operational access
- Cable Route Sections**
- Section 7
- Section 8
- Section 9

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 5 of 9)

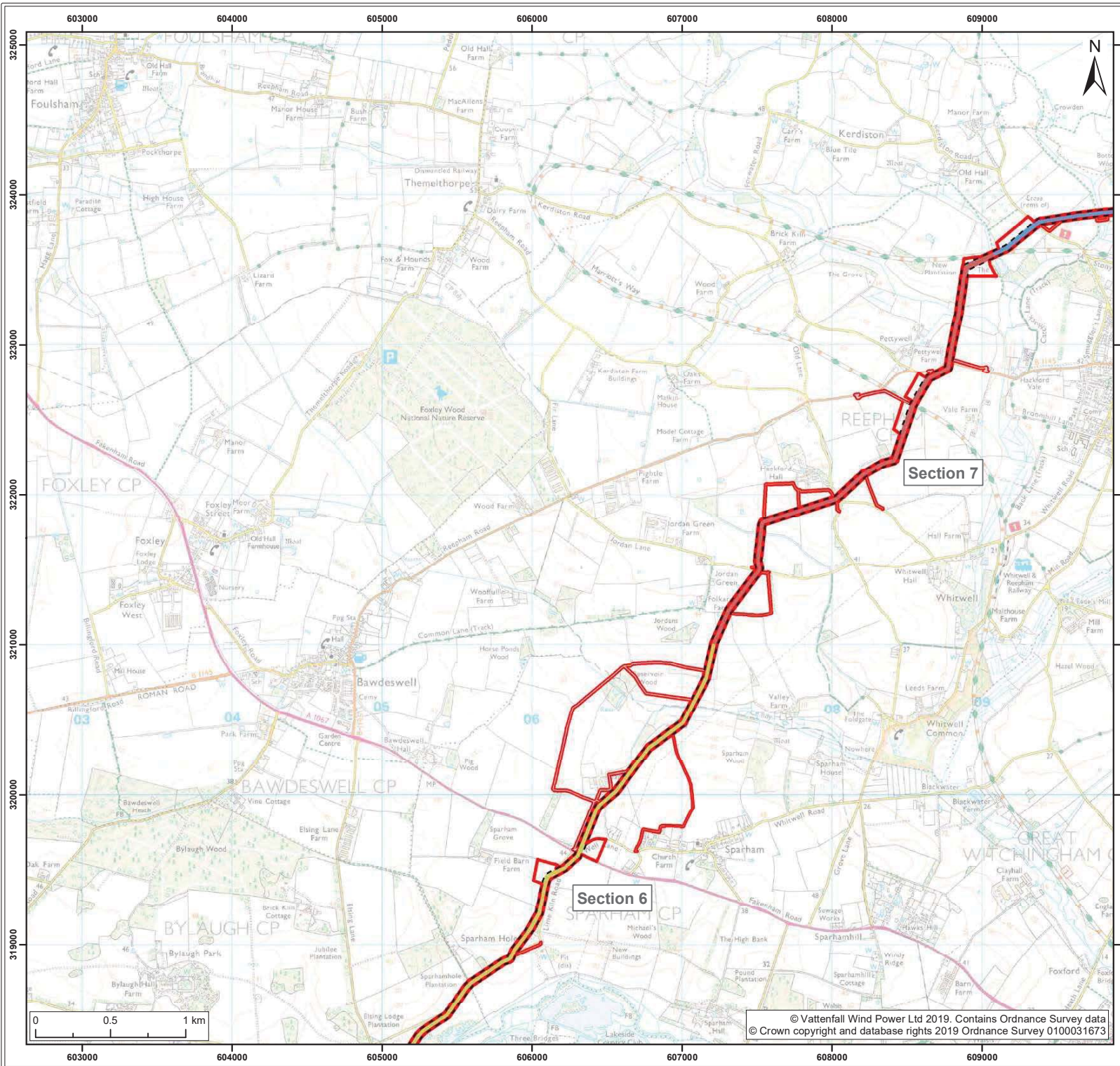
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Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Construction access
- Operational access
- Cable Route Sections**
- Section 6
- Section 7
- Section 8

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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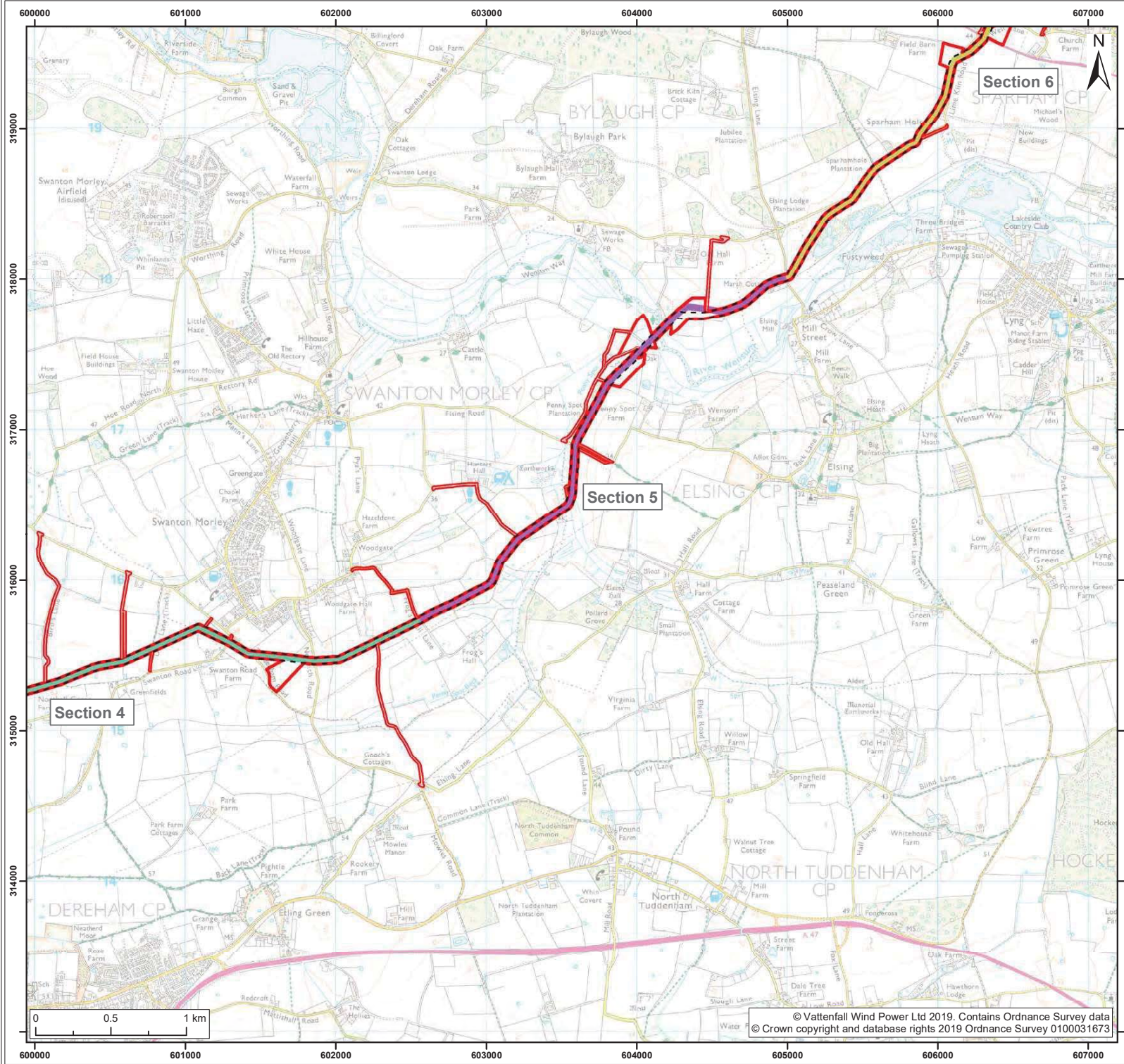
Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 6 of 9)

Figure: 2a	Drawing No: PB5640-007-009-002a				
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Construction access
- Operational access
- Cable Route Sections**
- Section 4
- Section 5
- Section 6

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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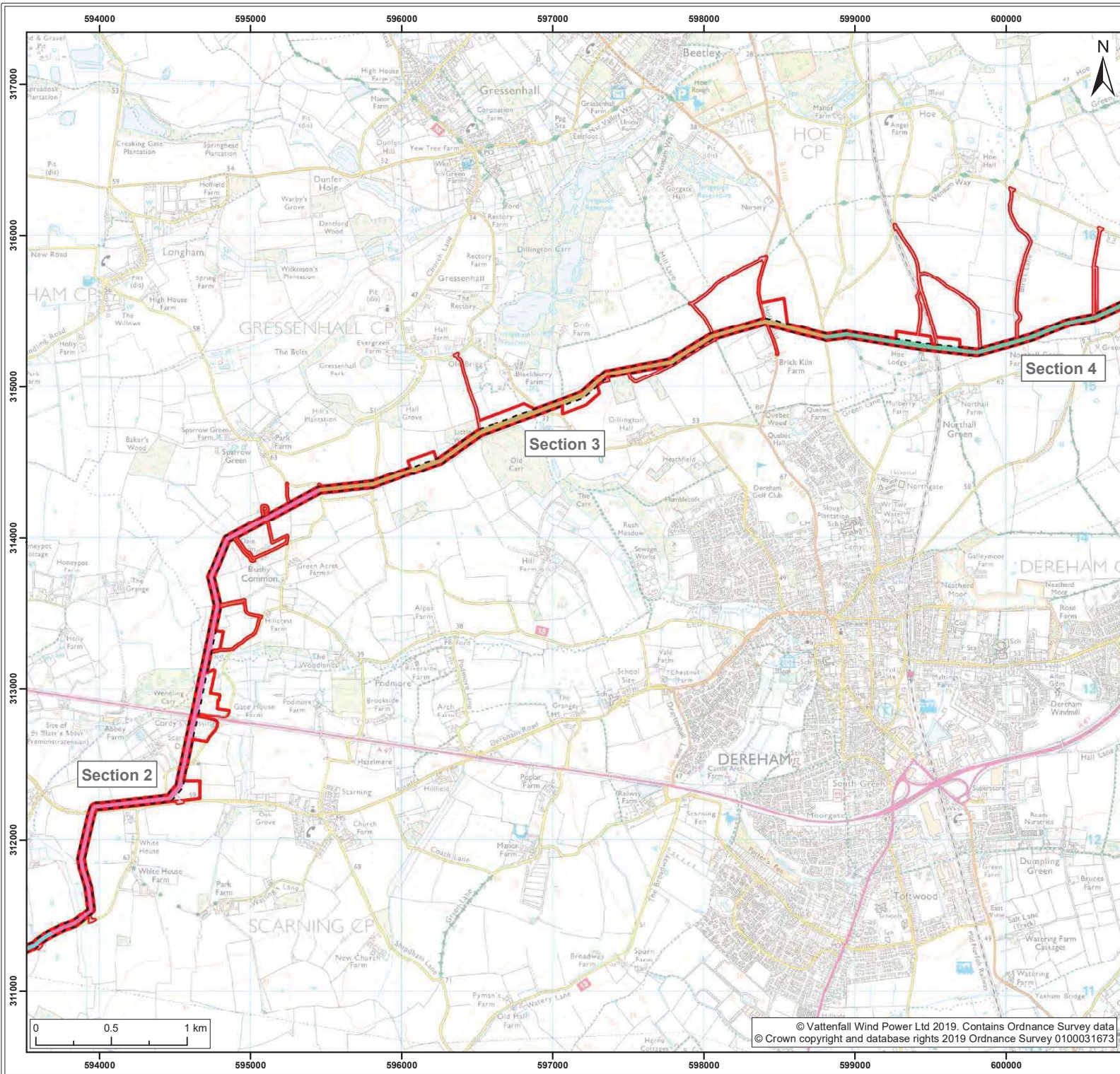
Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 7 of 9)

Figure: 2a	Drawing No: PB5640-007-009-002a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Construction access
- Operational access
- Cable Route Sections**
- Section 1
- Section 2
- Section 3
- Section 4

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
**Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 8 of 9)**

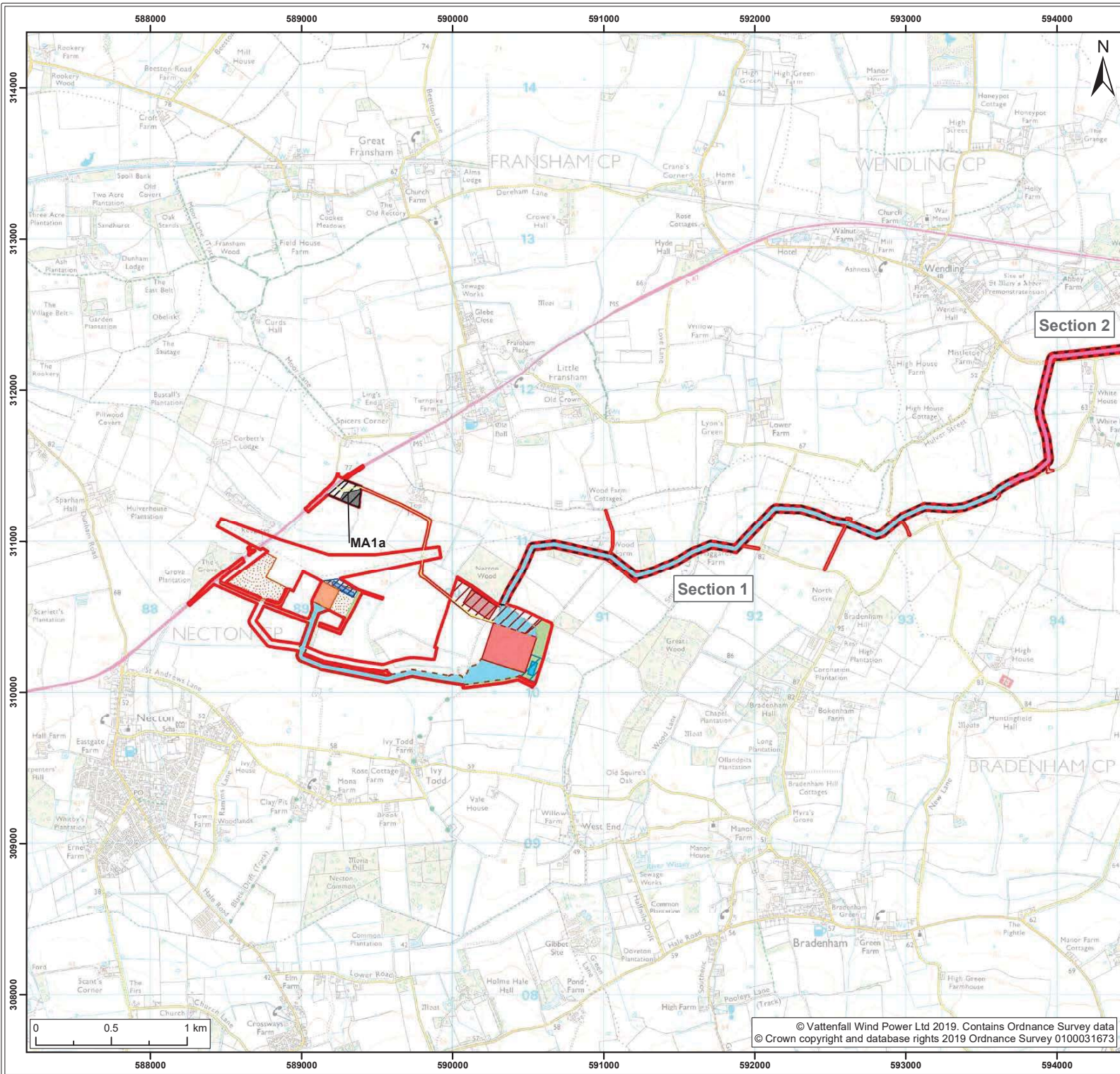
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Revision: 01	Date: 24/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:25,000

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- Legend:**
- Norfolk Boreas red line boundary
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid temporary works
 - National Grid attenuation pond location search area
 - Indicative National Grid attenuation pond
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Section 1
 - Section 2

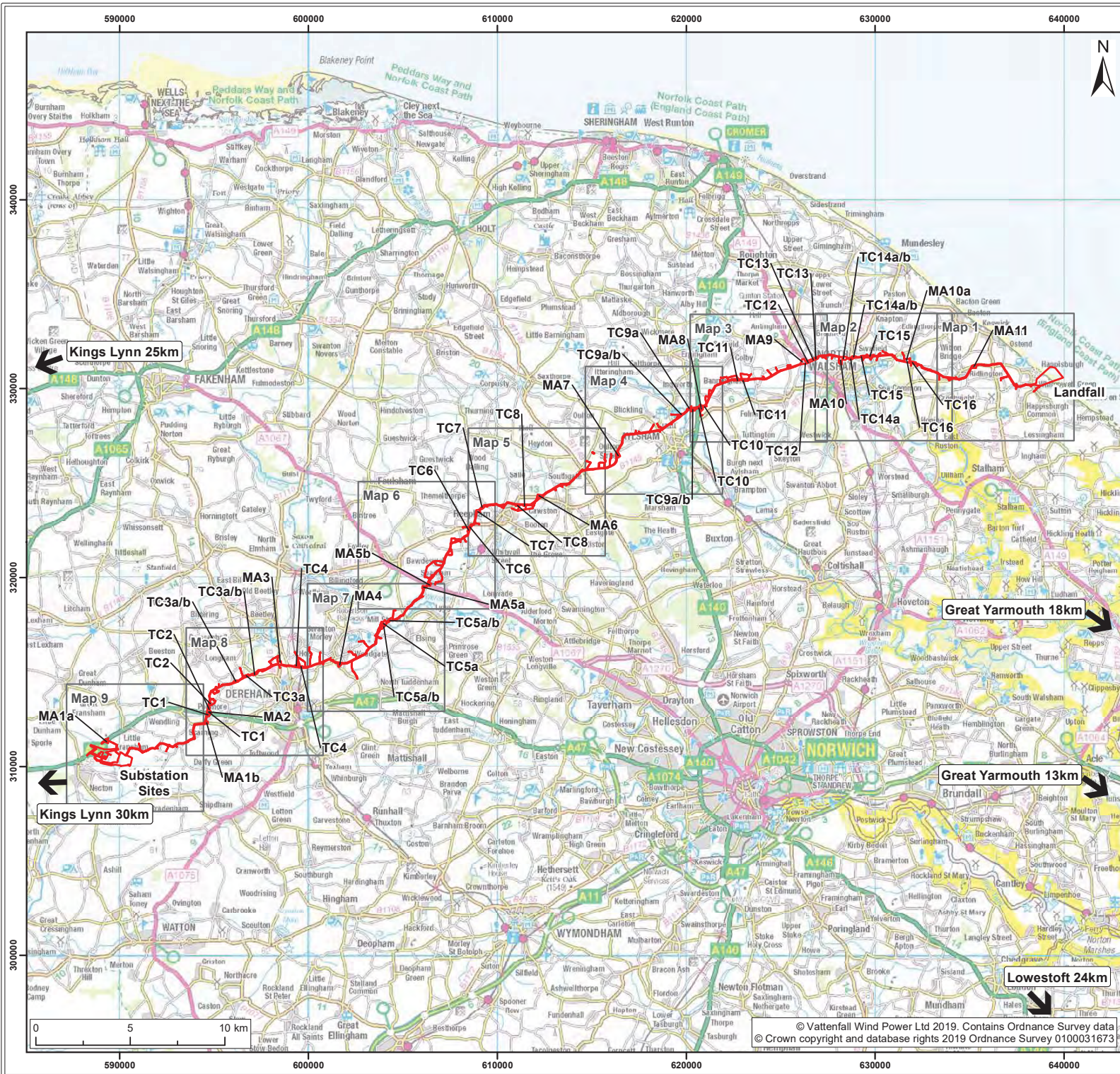
Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:
Scenario 1 - Onshore Infrastructure (1:25,000)
(Map 9 of 9)

Figure: 2a	Drawing No: PB5640-007-009-002a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas onshore red line boundary
- Location of cable route sections - see figure 3a
- ◆ Port location¹

NOTE: Distances to towns measured from edge of map.
 MA = Mobilisation Area; TC = Trenchless Crossing
¹ DECC, 2012.

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:

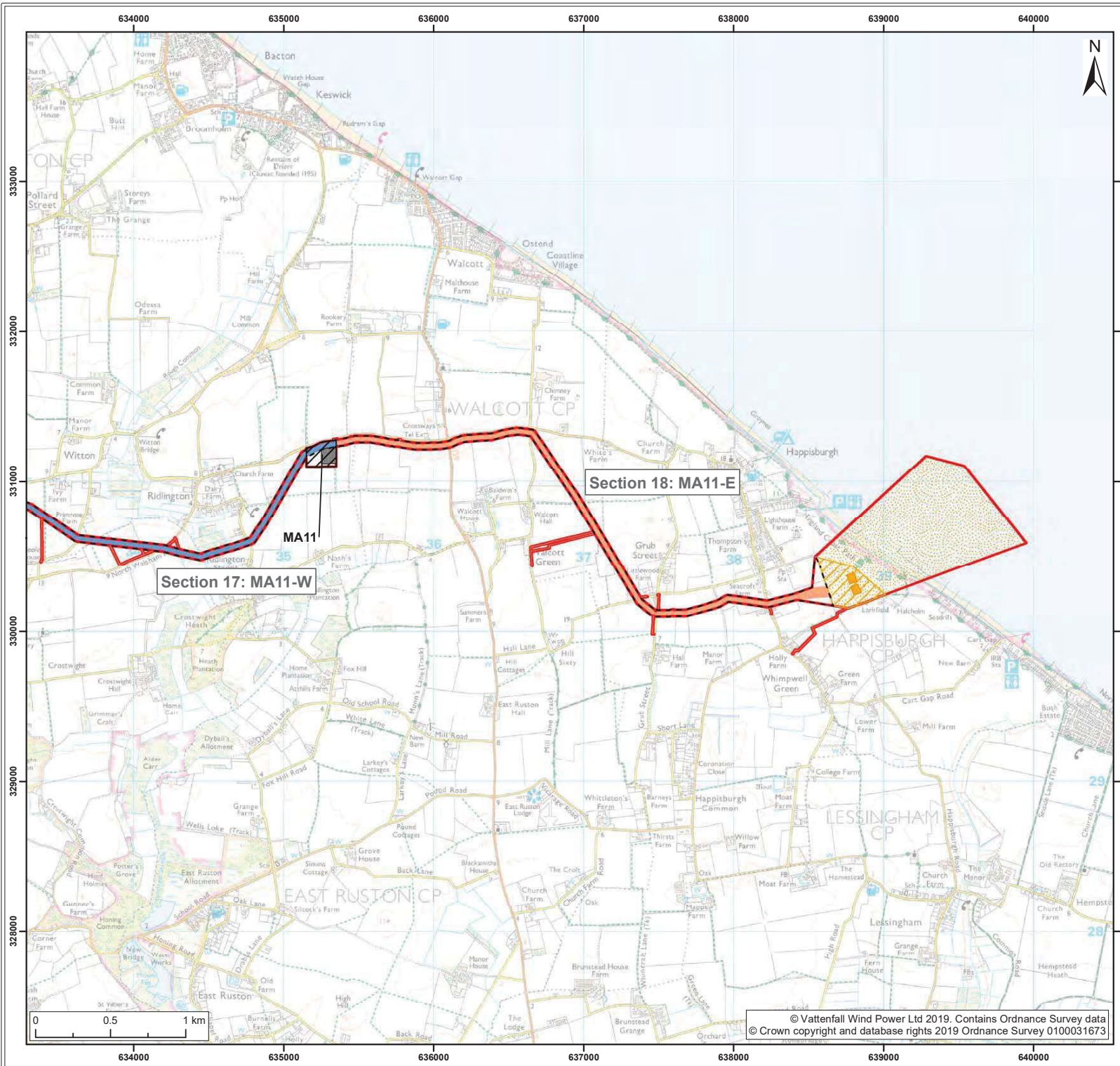
Scenario 2 - Onshore Infrastructure

Figure: 3	Drawing No: PB5640-007-009-003				
Revision: 01	Date: 24/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:200,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Landfall zone
- Landfall compound zone
- Indicative landfall compound
- Onshore cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Construction access
- Operational access
- Cable Route Sections**
- Section 17: MA11-W
- Section 18: MA11-E

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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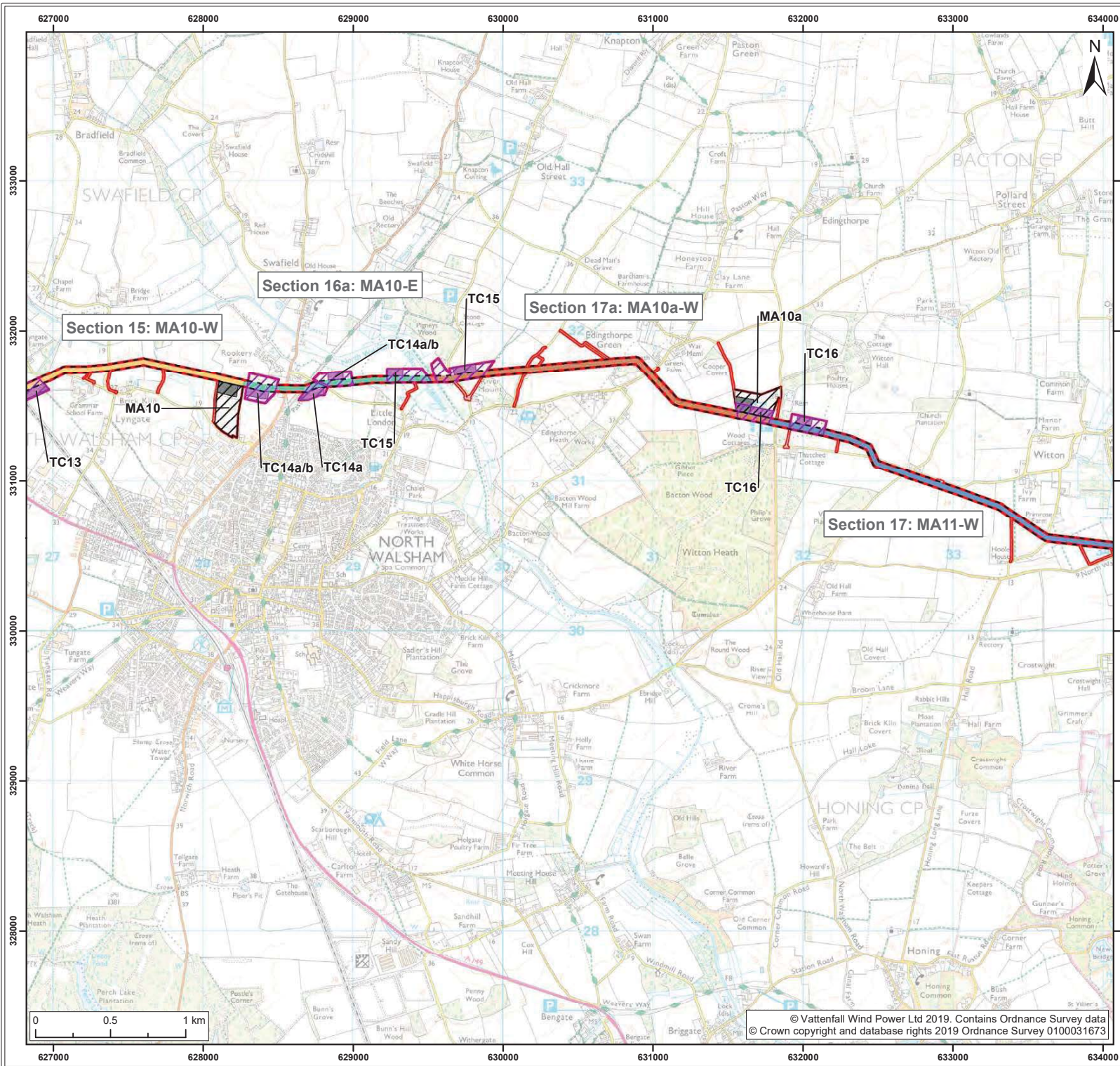
Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 1 of 9)

Figure: 3a	Drawing No: PB5640-007-009-003a				
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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Onshore cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Cable Route Sections**
 - Section 15: MA10-W
 - Section 16a: MA10-E
 - Section 17: MA11-W
 - Section 17a: MA10a-W

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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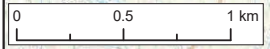
Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 2 of 9)

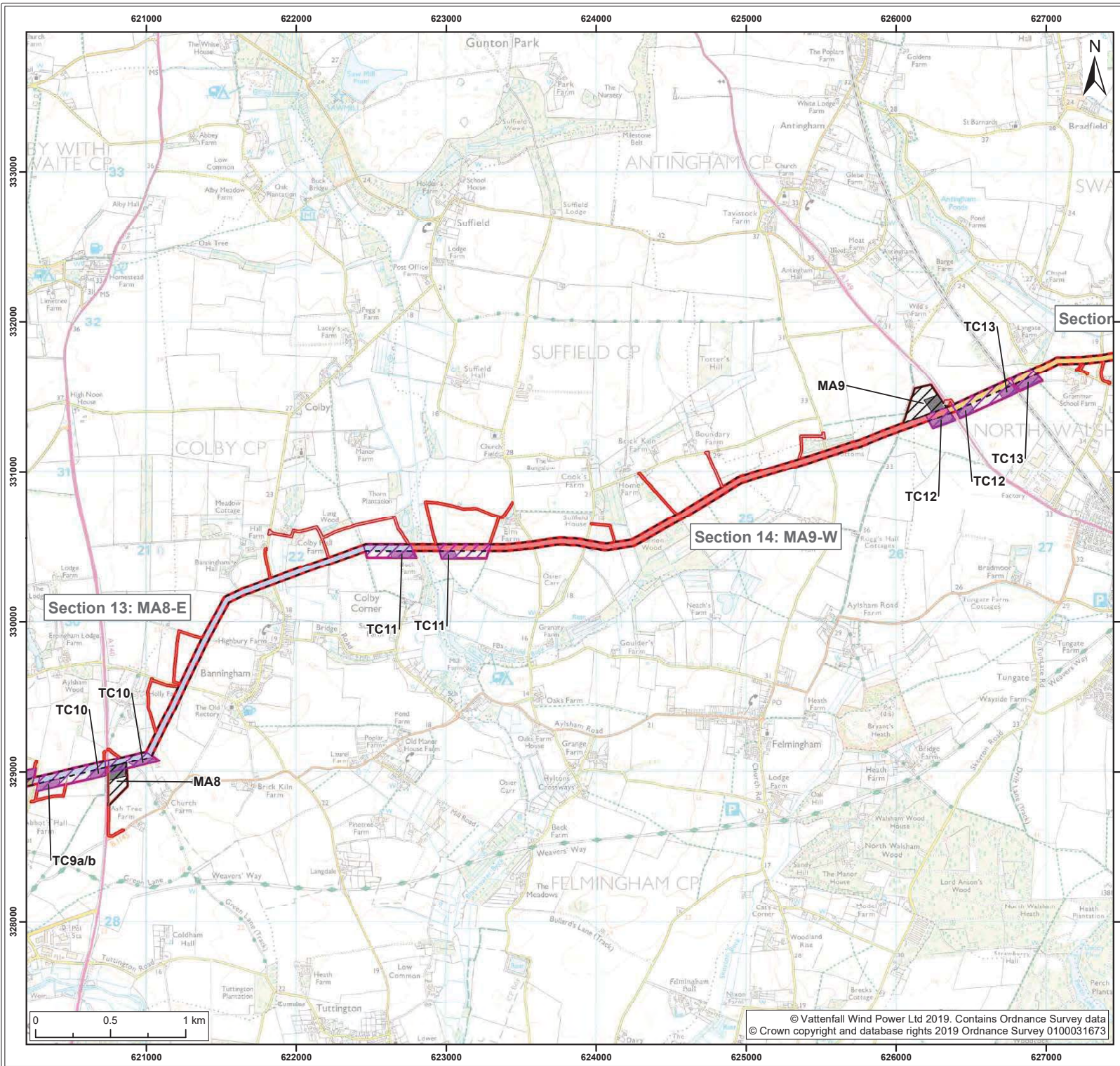
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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Onshore cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Cable Route Sections**
 - Section 12: MA7-E
 - Section 13: MA8-E
 - Section 14: MA9-W
 - Section 15: MA10-W

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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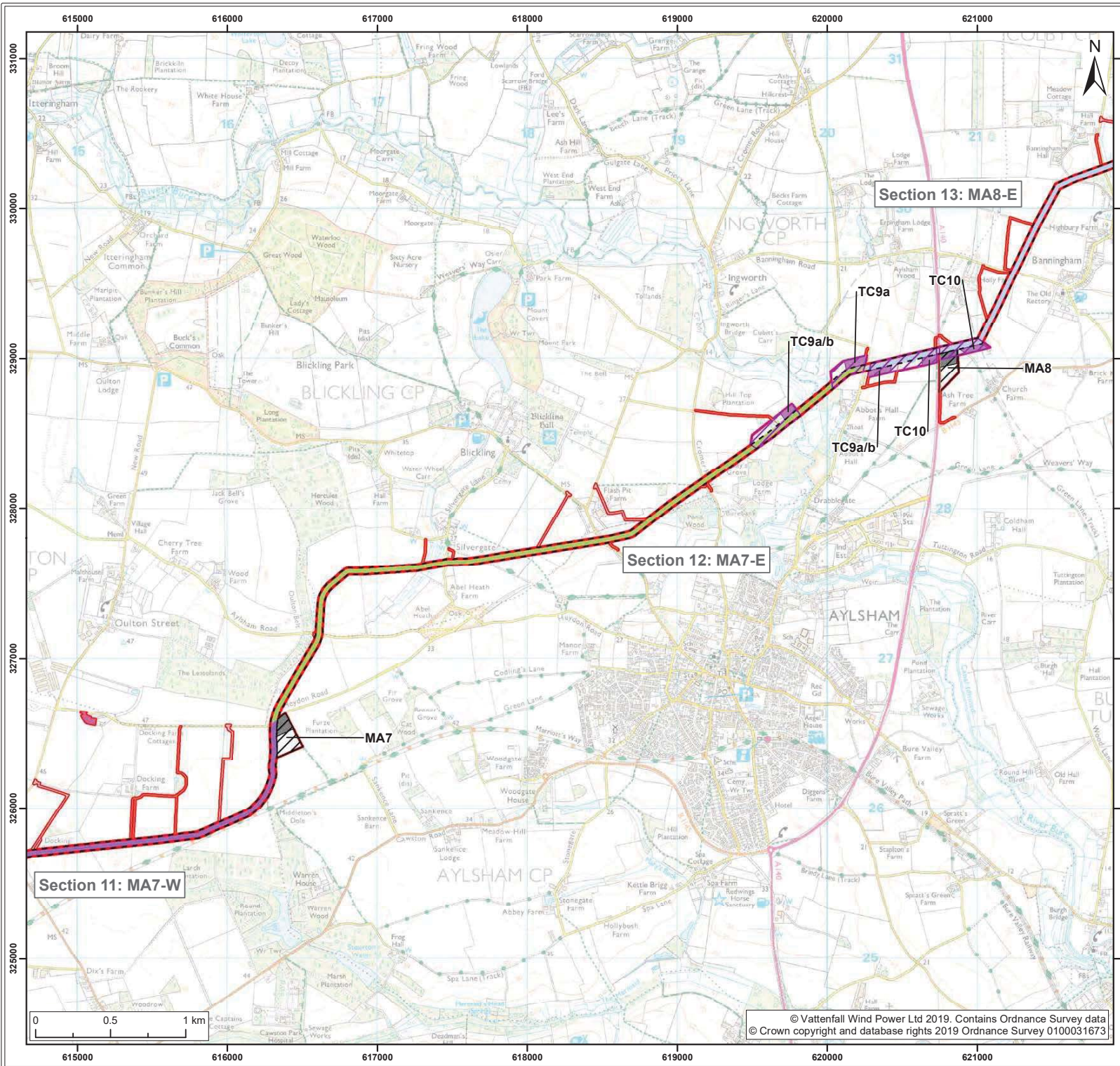
Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 3 of 9)

Figure: 3a	Drawing No: PB5640-007-009-003a				
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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Onshore cable route
- Trenchless crossing zone (e.g. HDD)
- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Cable logistics area
- Construction access
- Operational access
- Cable Route Sections**
- Section 11: MA7-W
- Section 12: MA7-E
- Section 13: MA8-E

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 4 of 9)

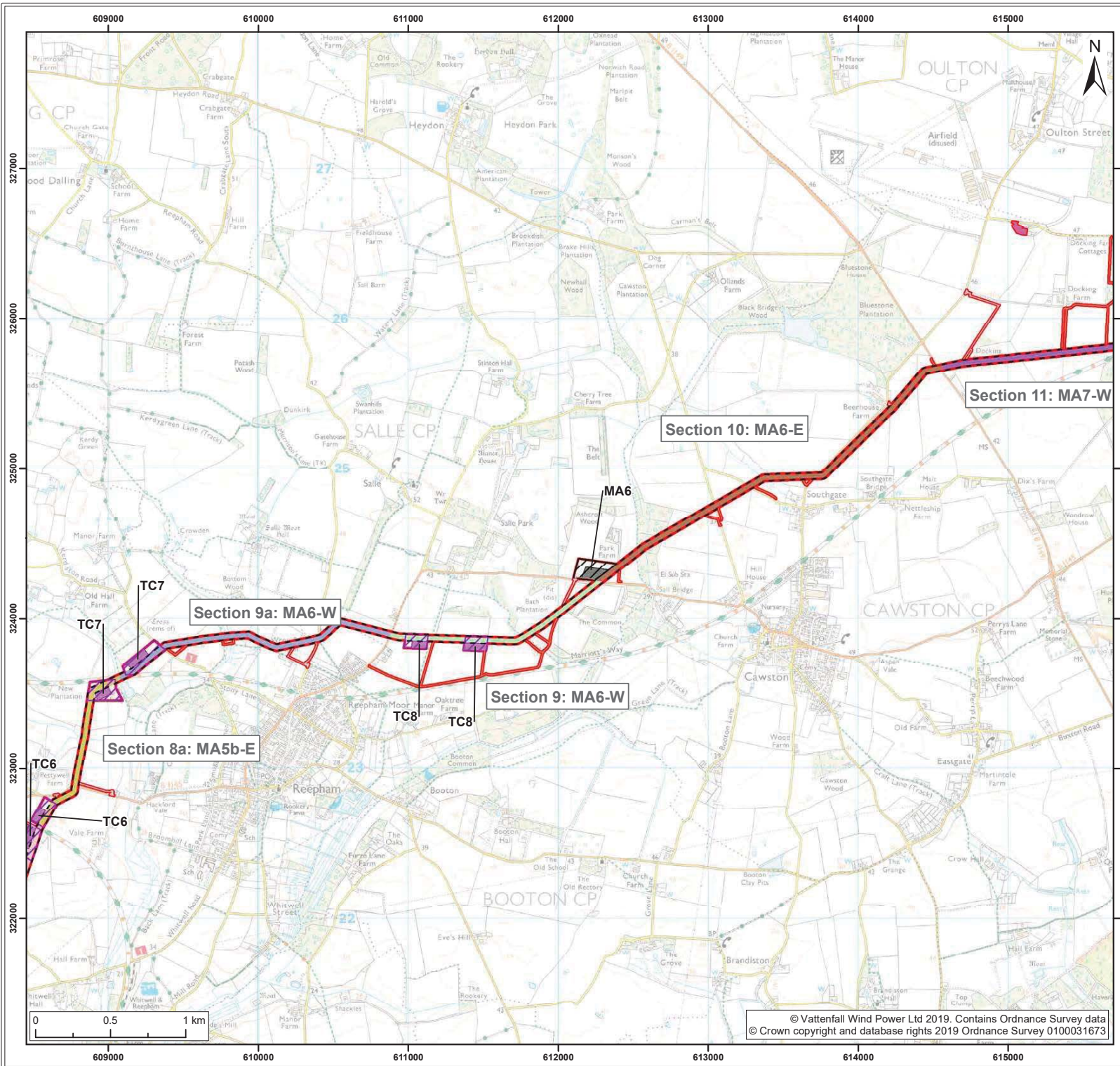
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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Onshore cable route
- Trenchless crossing zone (e.g. HDD)
- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Cable logistics area
- Construction access
- Operational access
- Cable Route Sections**
- Section 8: MA5b-E
- Section 8a: MA5b-E
- Section 9: MA6-W
- Section 9a: MA6-W
- Section 10: MA6-E
- Section 11: MA7-W

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 5 of 9)

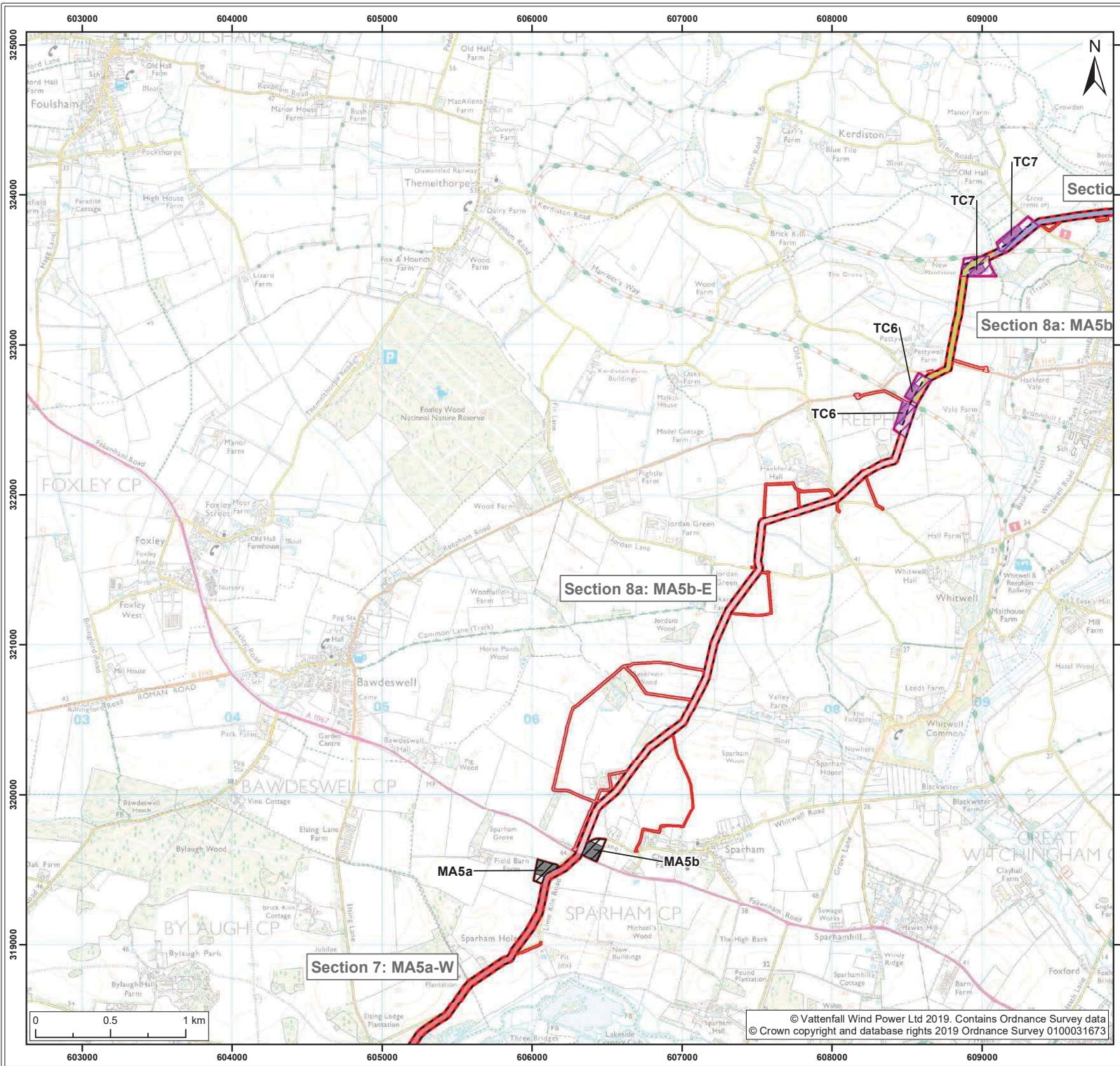
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Onshore cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Cable Route Sections**
 - Section 7: MA5a-W
 - Section 8: MA5b-E
 - Section 8a: MA5b-E
 - Section 9a: MA6-W

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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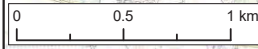
Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 6 of 9)

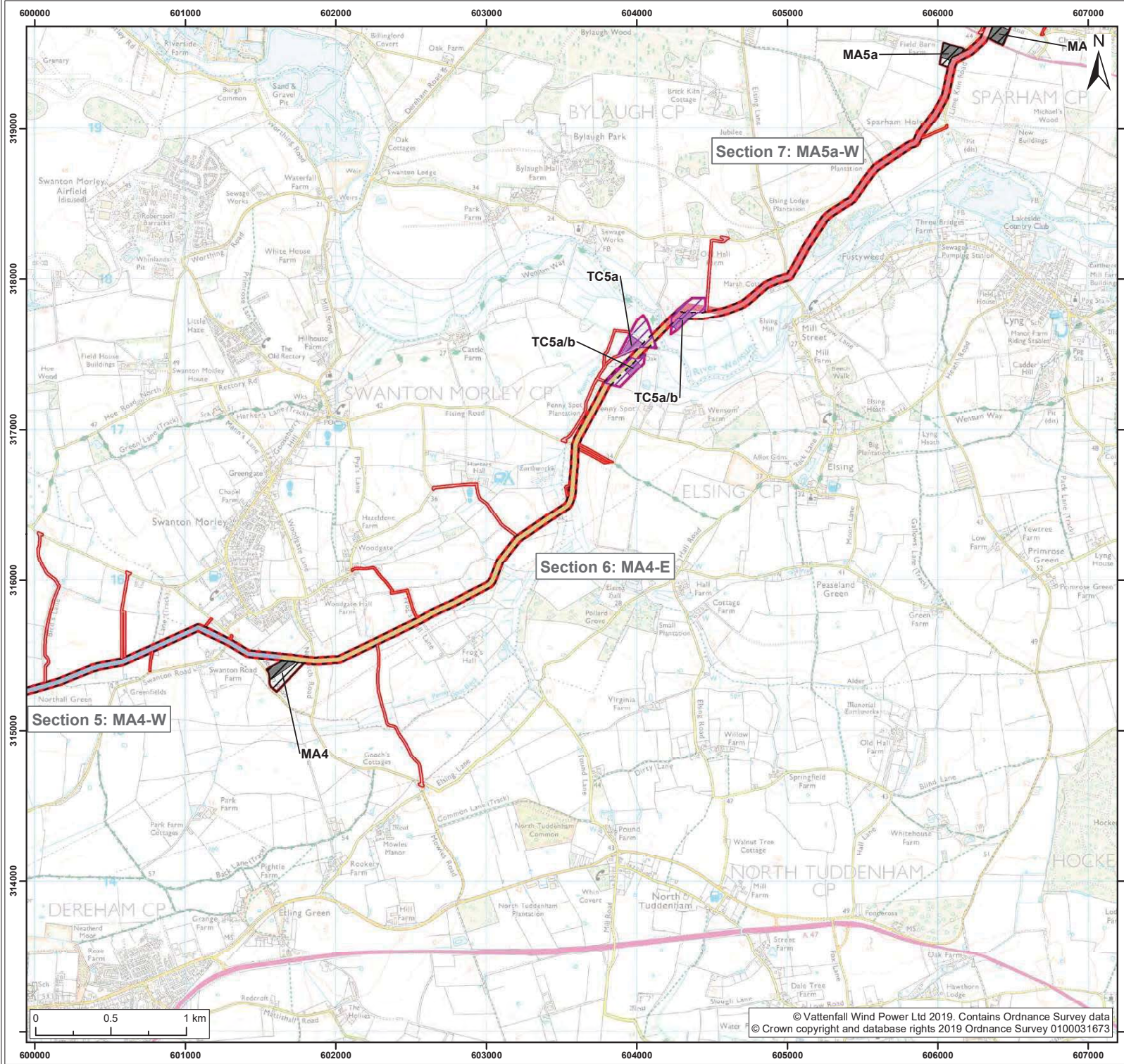
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Co-ordinate system: British National Grid EPSG: 27700



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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Onshore cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Cable Route Sections**
 - Section 5: MA4-W
 - Section 6: MA4-E
 - Section 7: MA5a-W
 - Section 8: MA5b-E

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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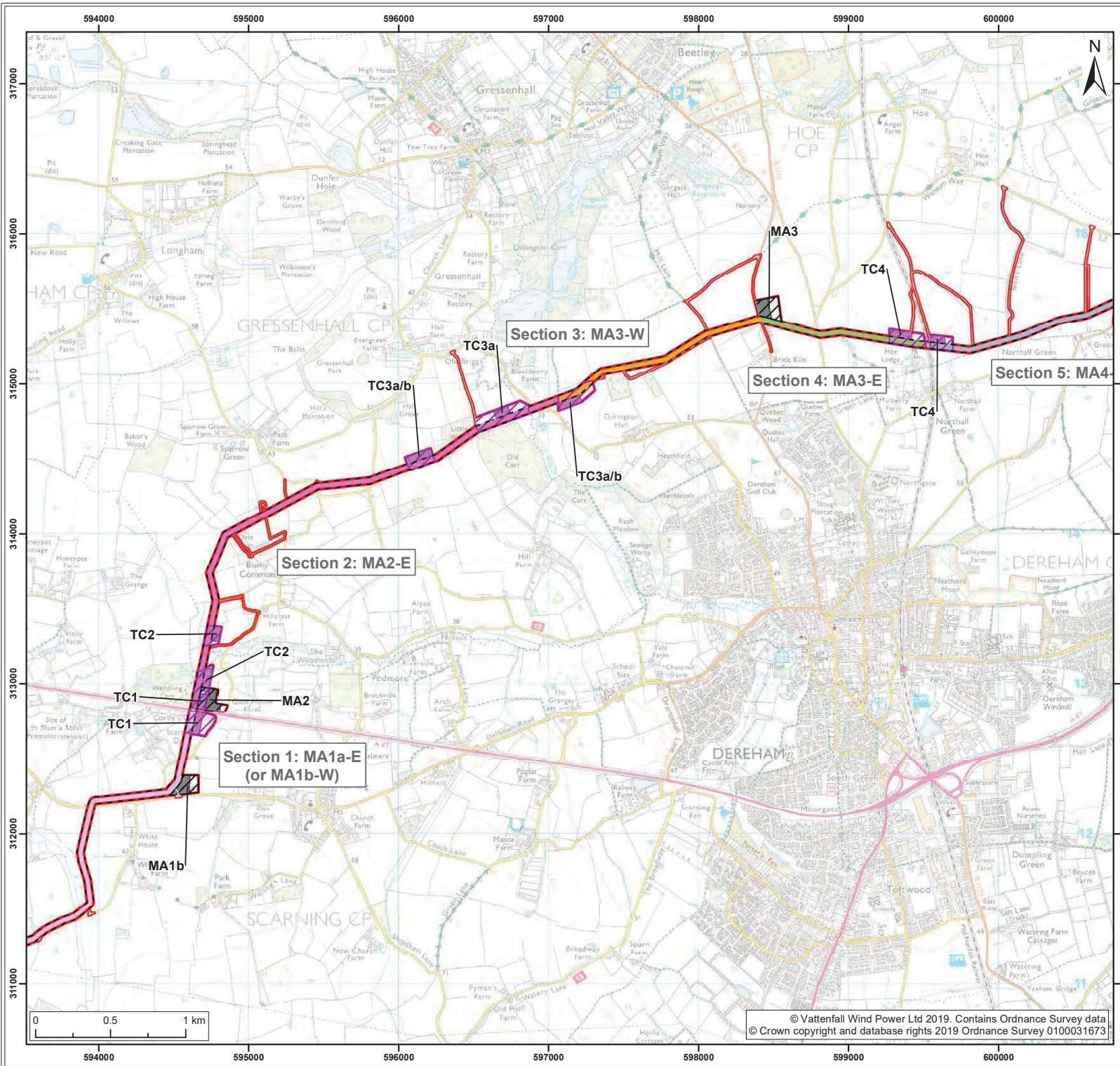
Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 7 of 9)

Figure: 3a	Drawing No: PB5640-007-009-003a				
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01	24/04/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Onshore cable route
- Trenchless crossing zone (e.g. HDD)
- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Construction access
- Operational access
- Cable Route Sections**
- Section 1: MA1a-E (or MA1b-W)
- Section 2: MA2-E
- Section 3: MA3-W
- Section 4: MA3-E
- Section 5: MA4-W

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 8 of 9)

Figure: 3a Drawing No: PB5640-007-009-003a

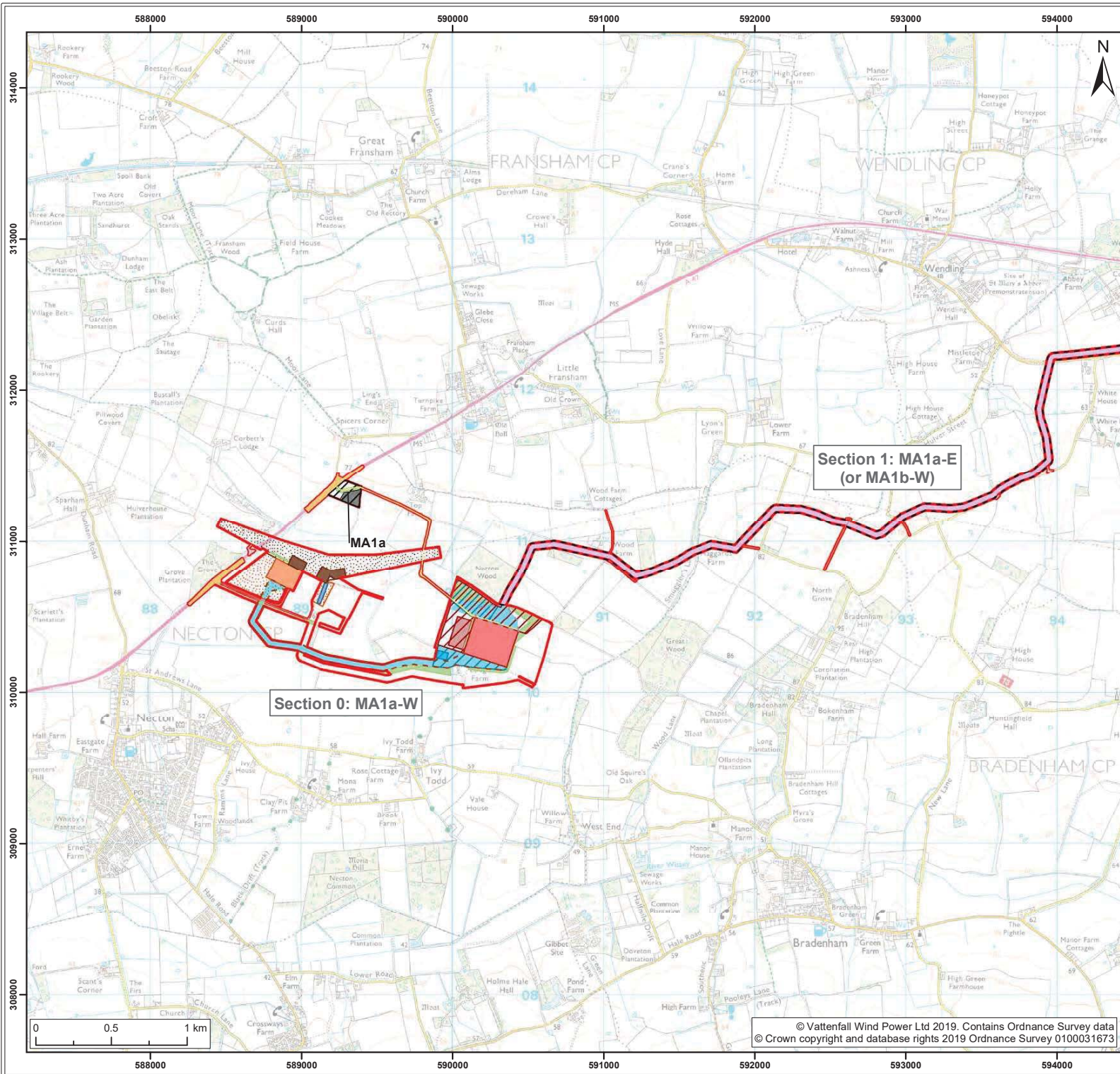
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highways temporary works area
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation
 - temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid new / replacement OHL tower
 - National Grid temporary works
 - Overhead line temporary works
 - National Grid attenuation pond
 - Cable Route Sections**
 - Section 0: MA1a-W
 - Section 1: MA1a-E (or MA1b-W)

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Scenario 2 - Onshore Infrastructure (1:25,000)
(Map 9 of 9)

Figure: 3a	Drawing No: PB5640-007-009-003a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
01	24/04/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas onshore red line boundary
- HGV Route

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:

Scenario 1: Stage 2; Scenario 2: Stage 3
HGV Delivery Routes

Figure: 4	Drawing No: PB5640-007-009-004				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
05	22/05/2019	JT	CD	A3	1:200,000
04	10/05/2019	JT	CD	A3	1:200,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:
 Norfolk Boreas onshore red line boundary
 HGV Route

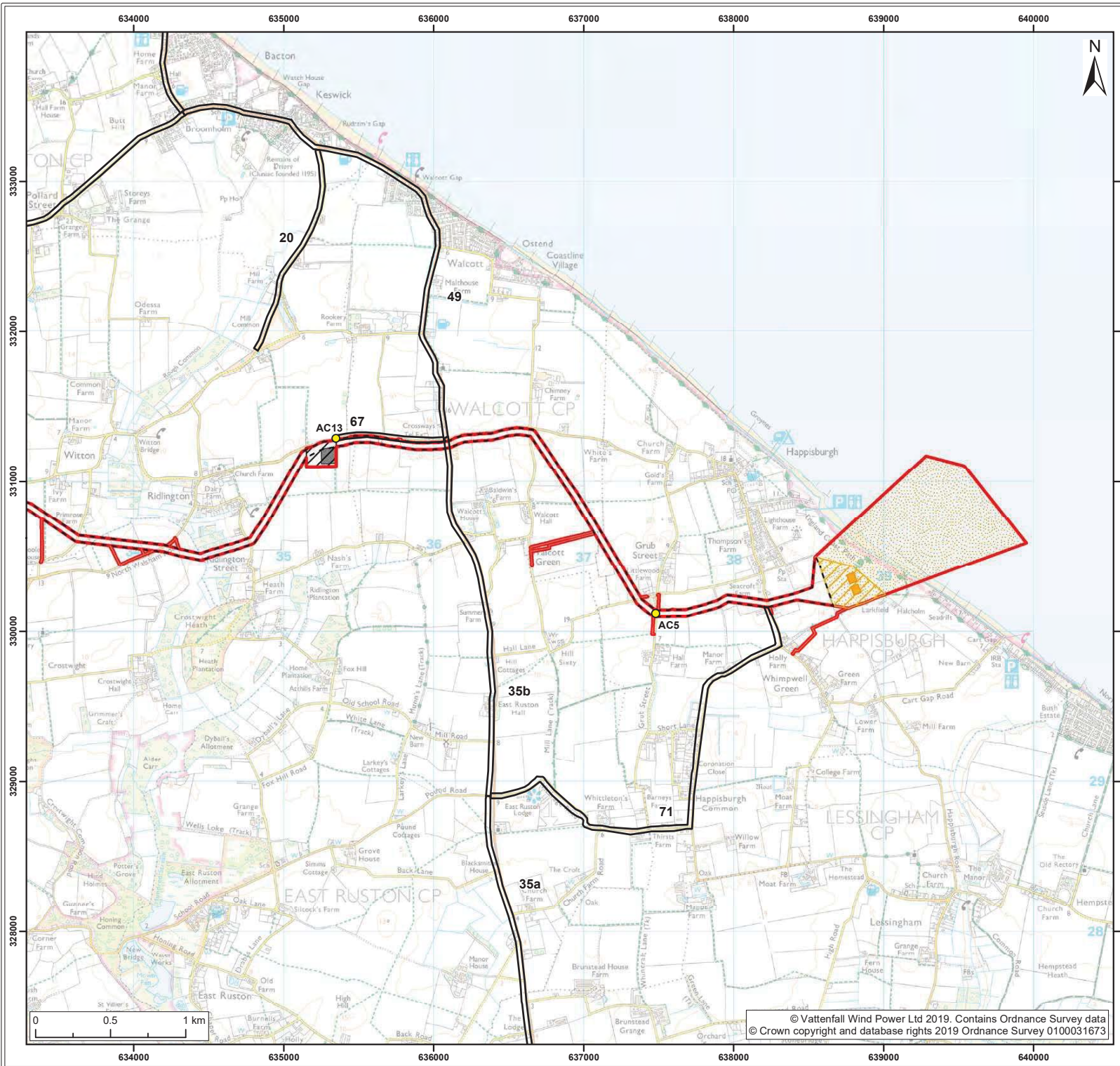
MA = Mobilisation Area; TC = Trenchless Crossing	
Project: Norfolk Boreas	Report: Outline Traffic Management Plan

Title:
 Scenario 1: Stage 1; Scenario 2: Stage 2
 HGV Delivery Routes

Figure: 5	Drawing No: PB5640-007-009-005				
Revision: 04	Date: 22/05/2019	Drawn: LB	Checked: CD	Size: A3	Scale: 1:200,000
03	08/05/2019	JT	CD	A3	1:200,000

Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Landfall zone
 - Landfall compound zone
 - Indicative landfall compound
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2)
(Map 1 of 9)

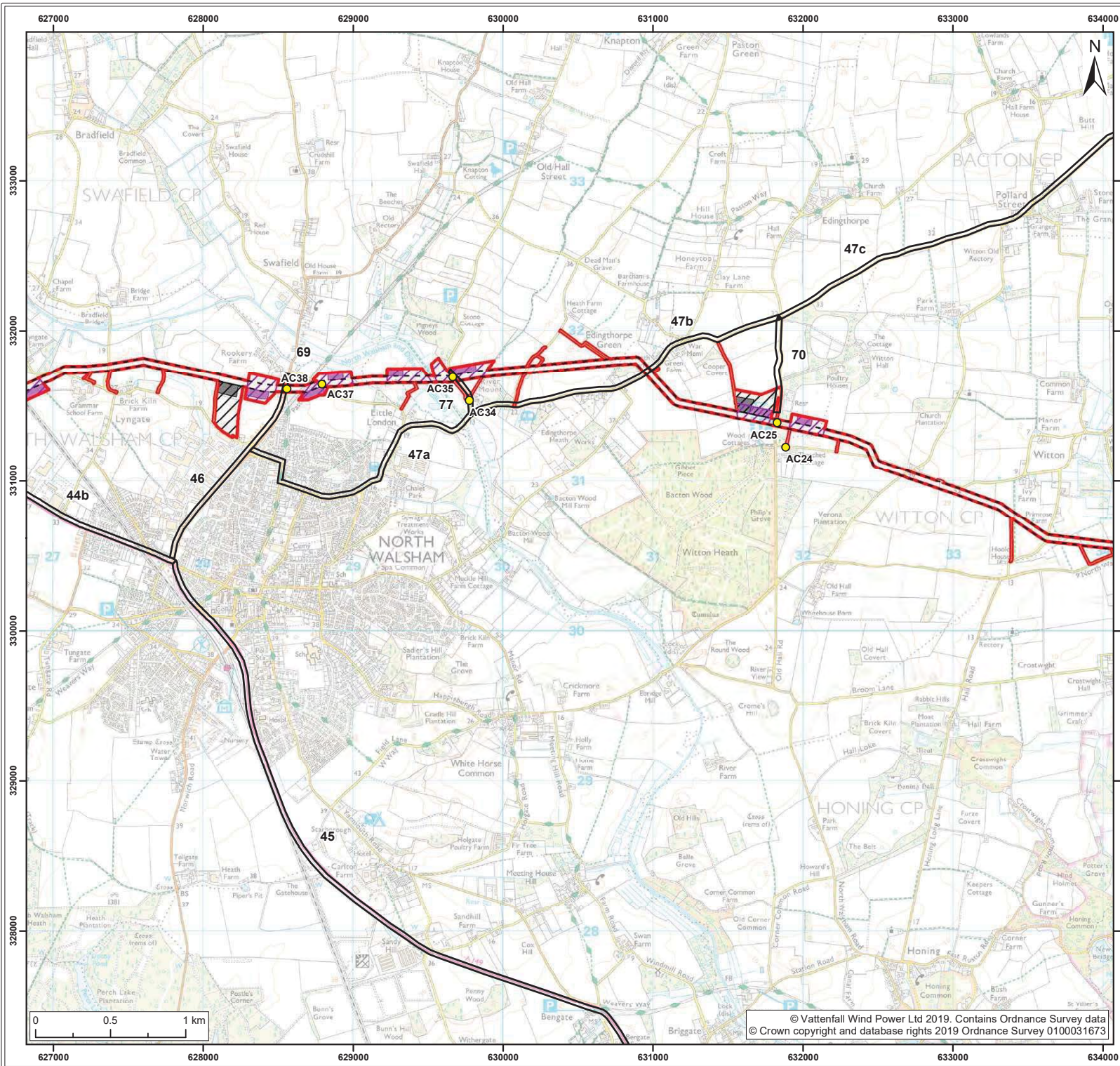
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2) (Map 2 of 9)

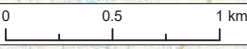
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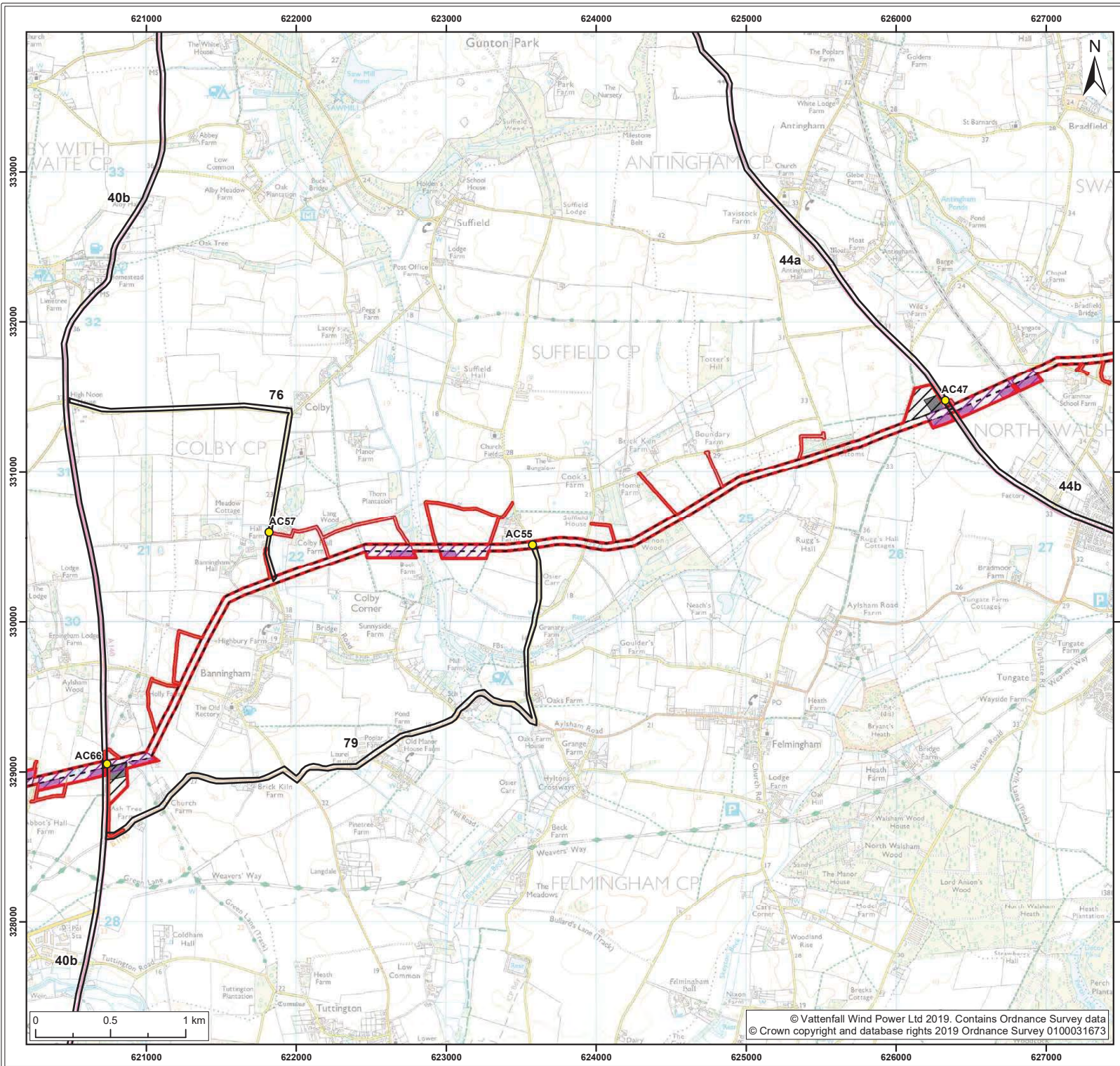
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
- Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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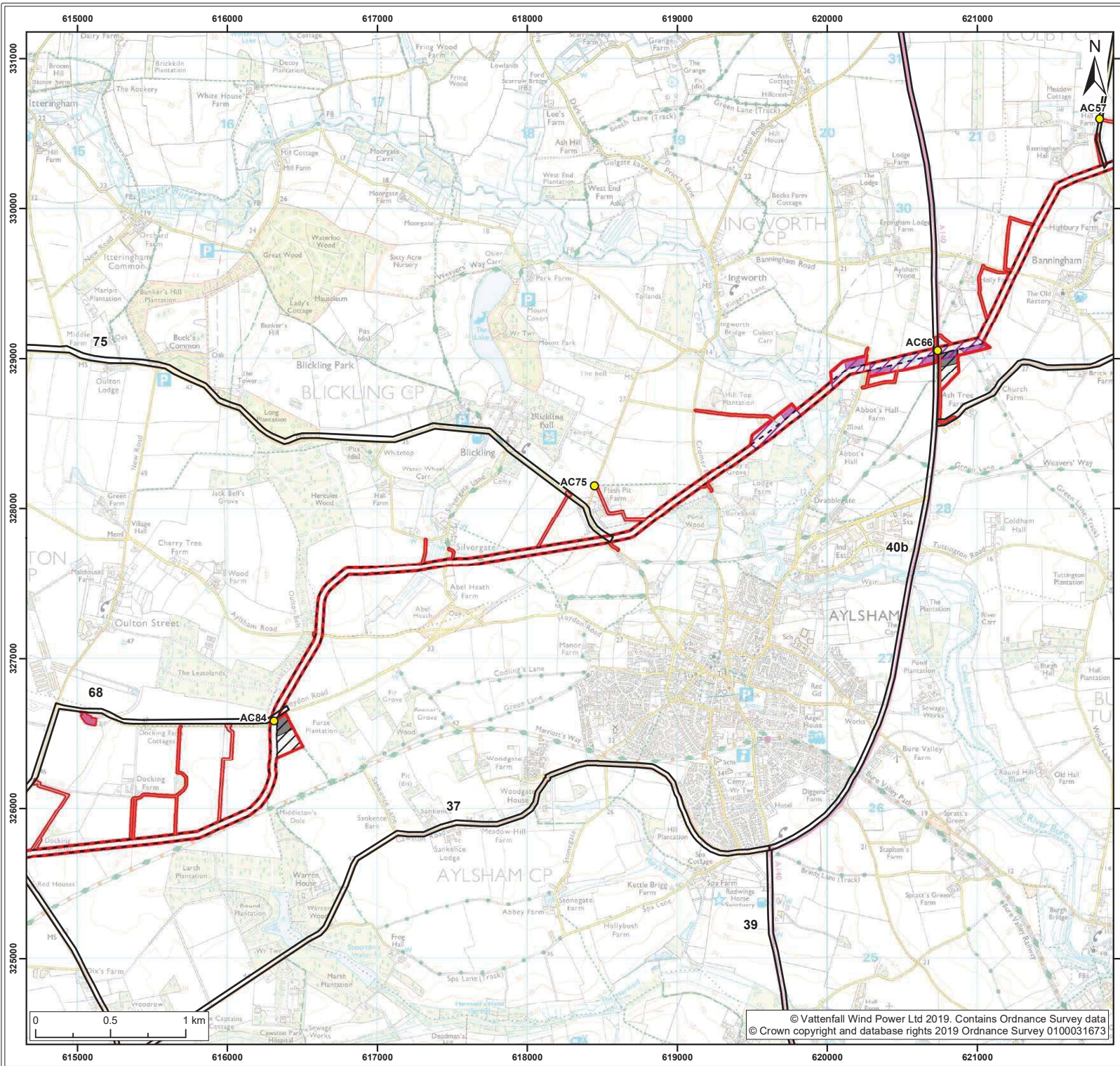
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Cable logistics area
- Construction access
- Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Trenchless crossing zone (e.g. HDD)
- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Highway links**
- Major highway links
- Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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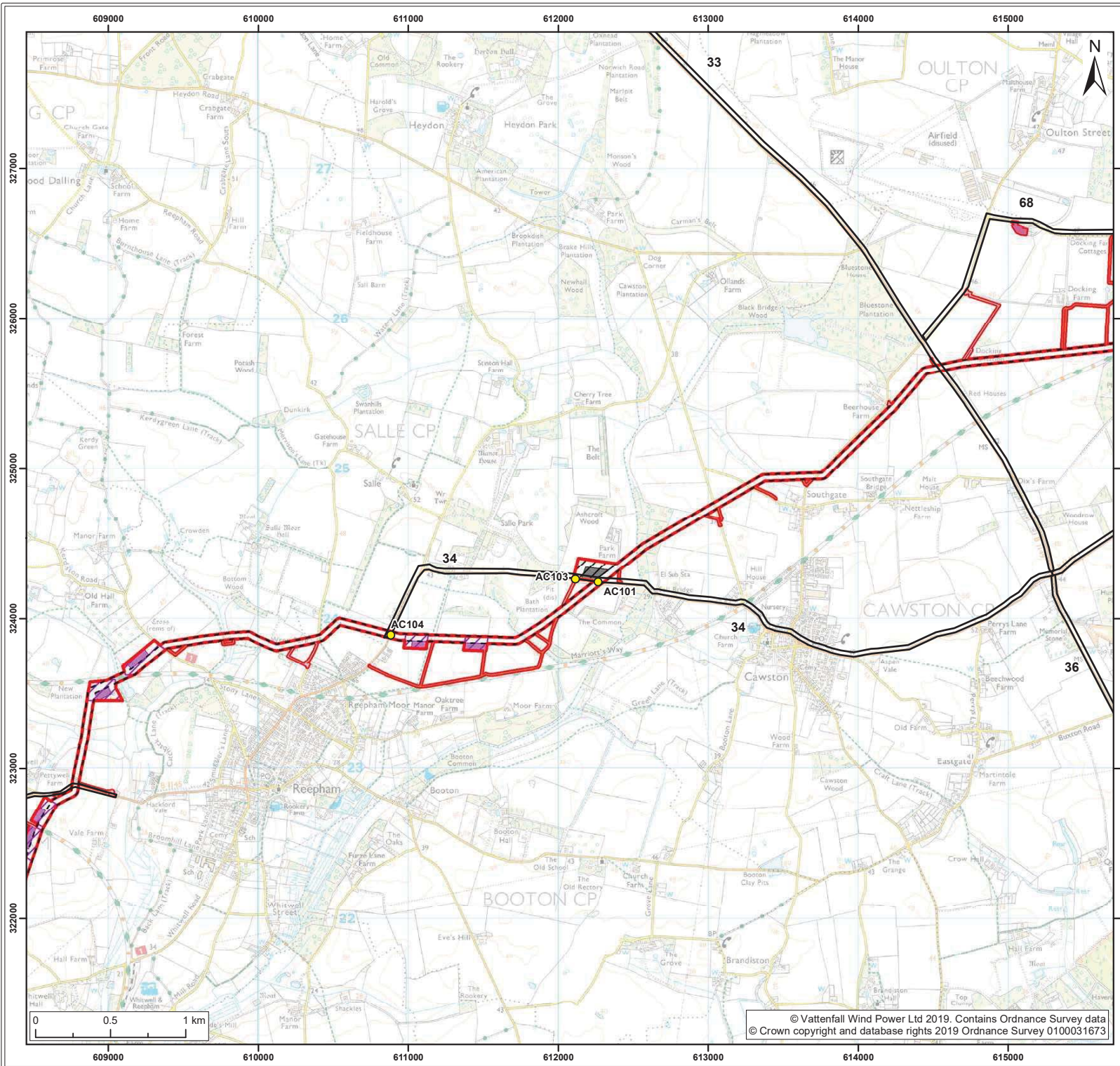
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Cable logistics area
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2)
(Map 5 of 9)

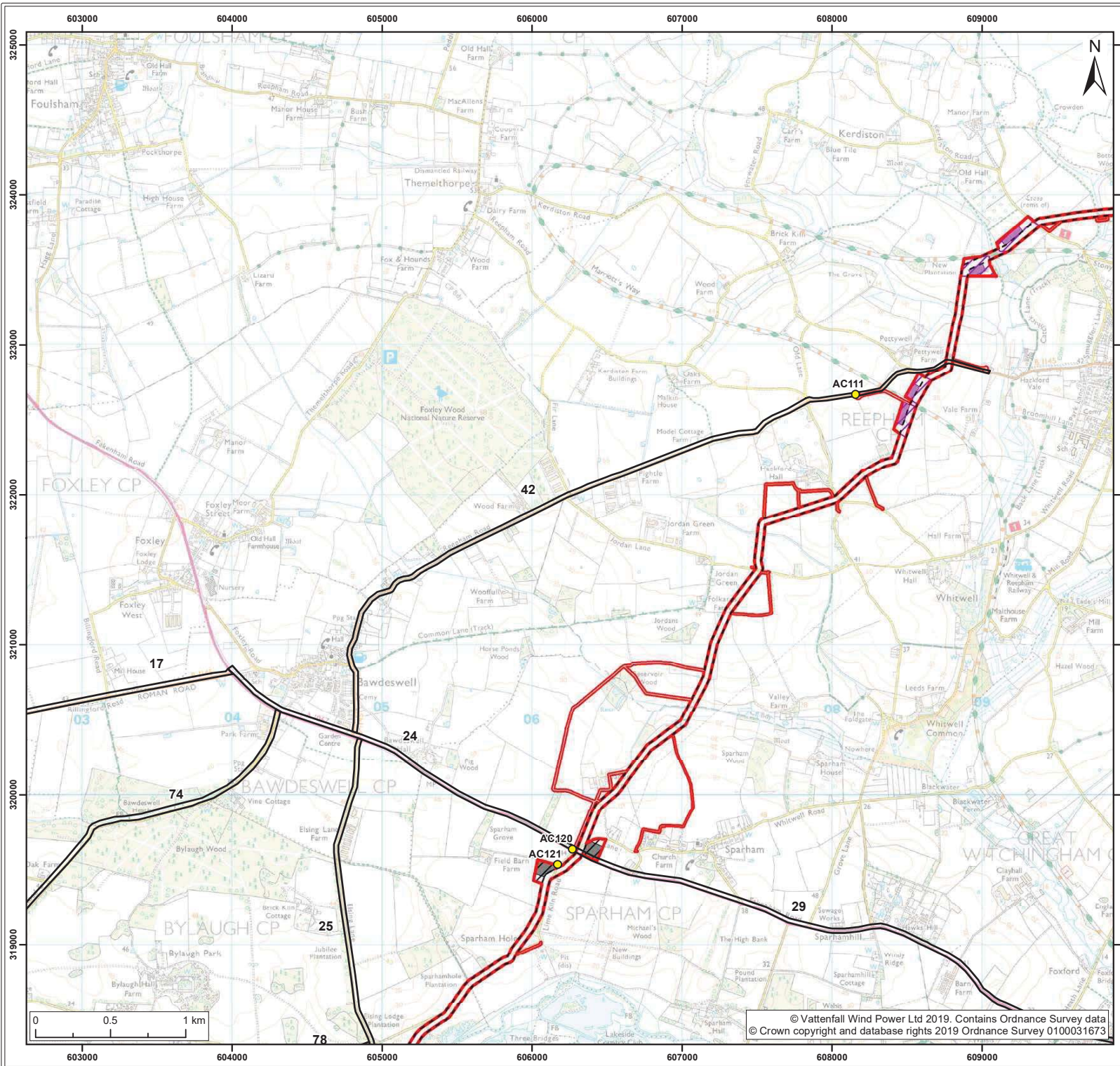
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Construction access
- Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
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- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Highway links**
- Major highway links
- Access point ID

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title: Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2) (Map 6 of 9)

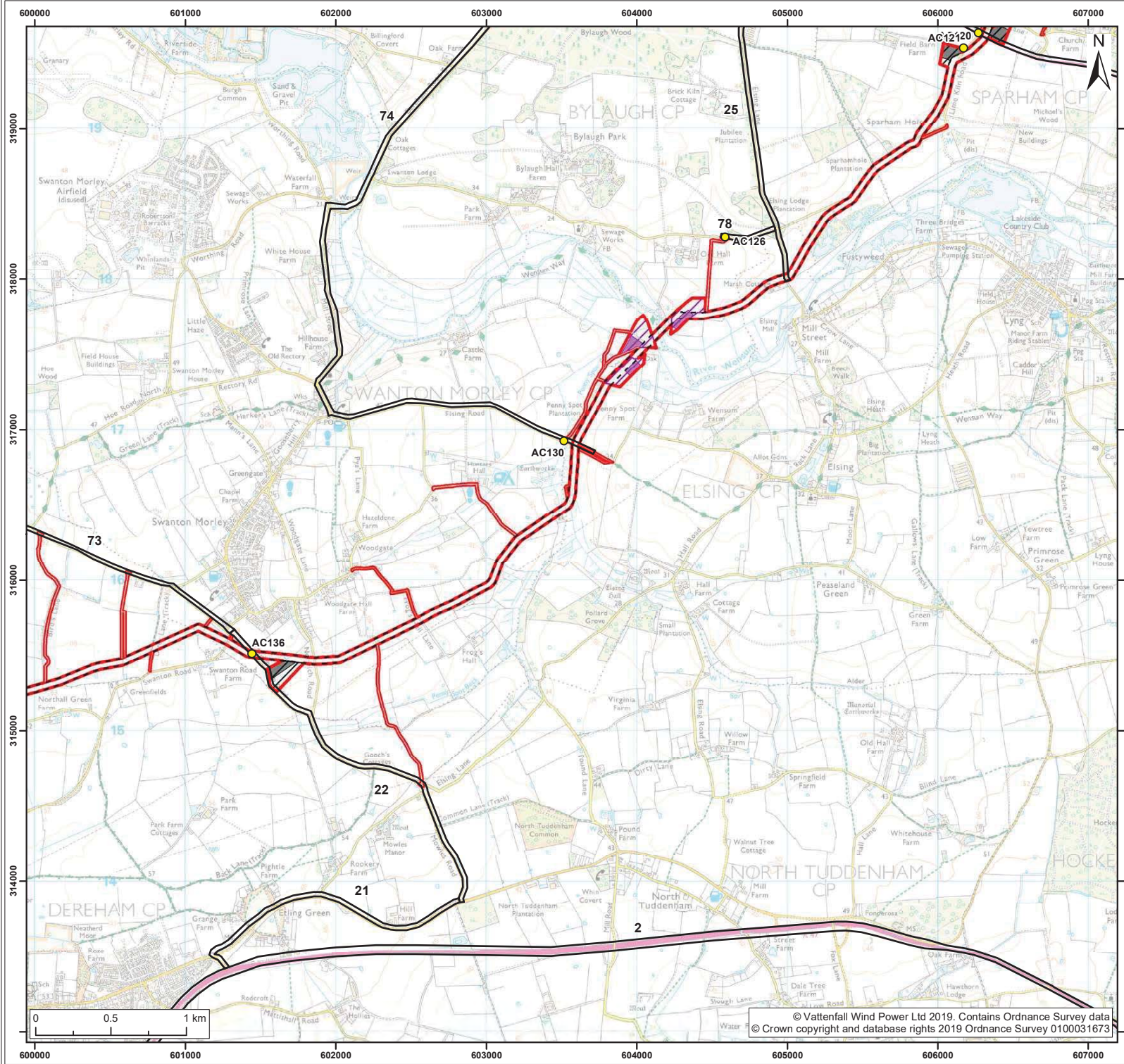
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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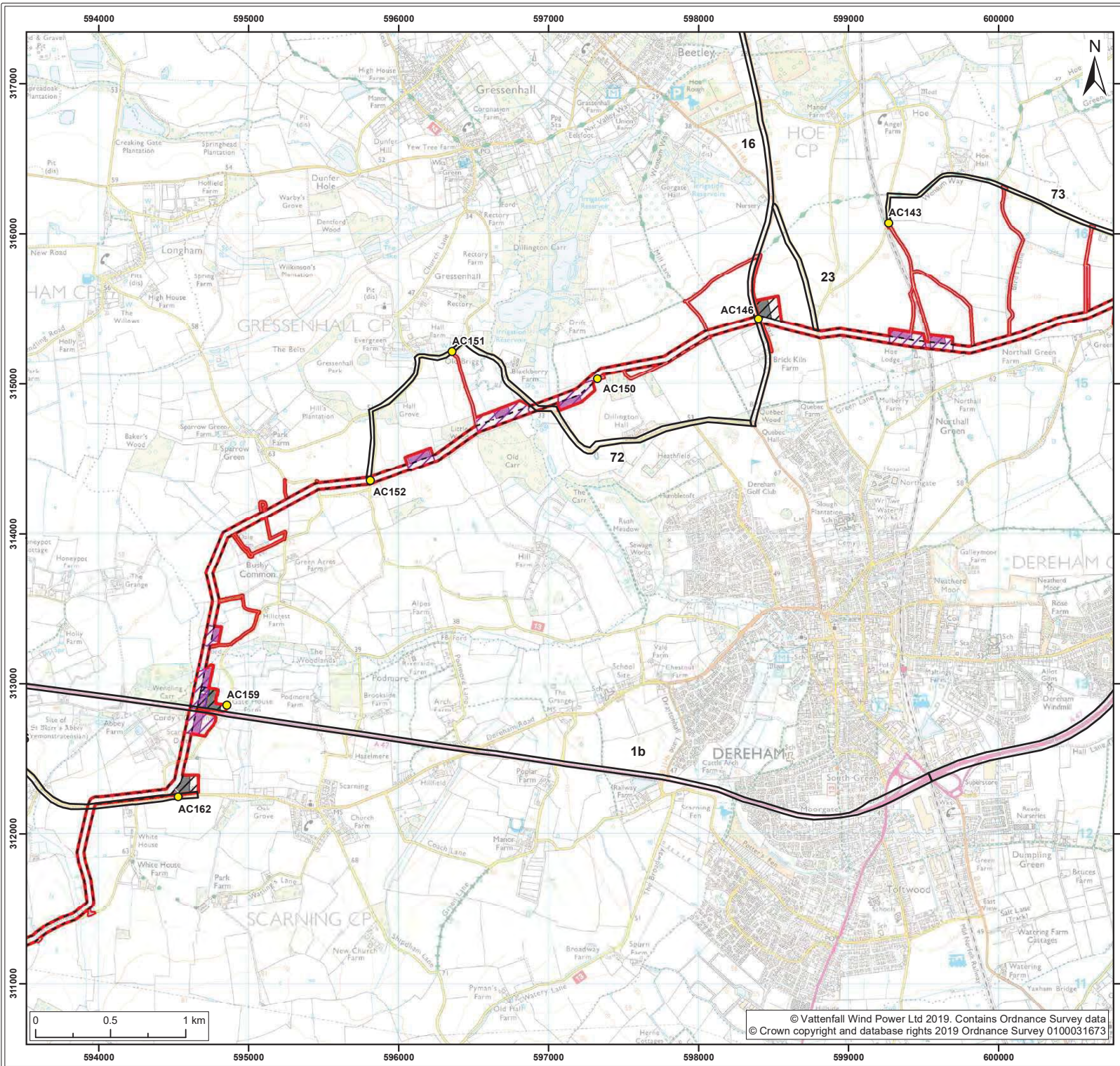
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Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2) (Map 7 of 9)

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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:
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 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2) (Map 8 of 9)

Figure: 6 Drawing No: PB5640-007-009-006a

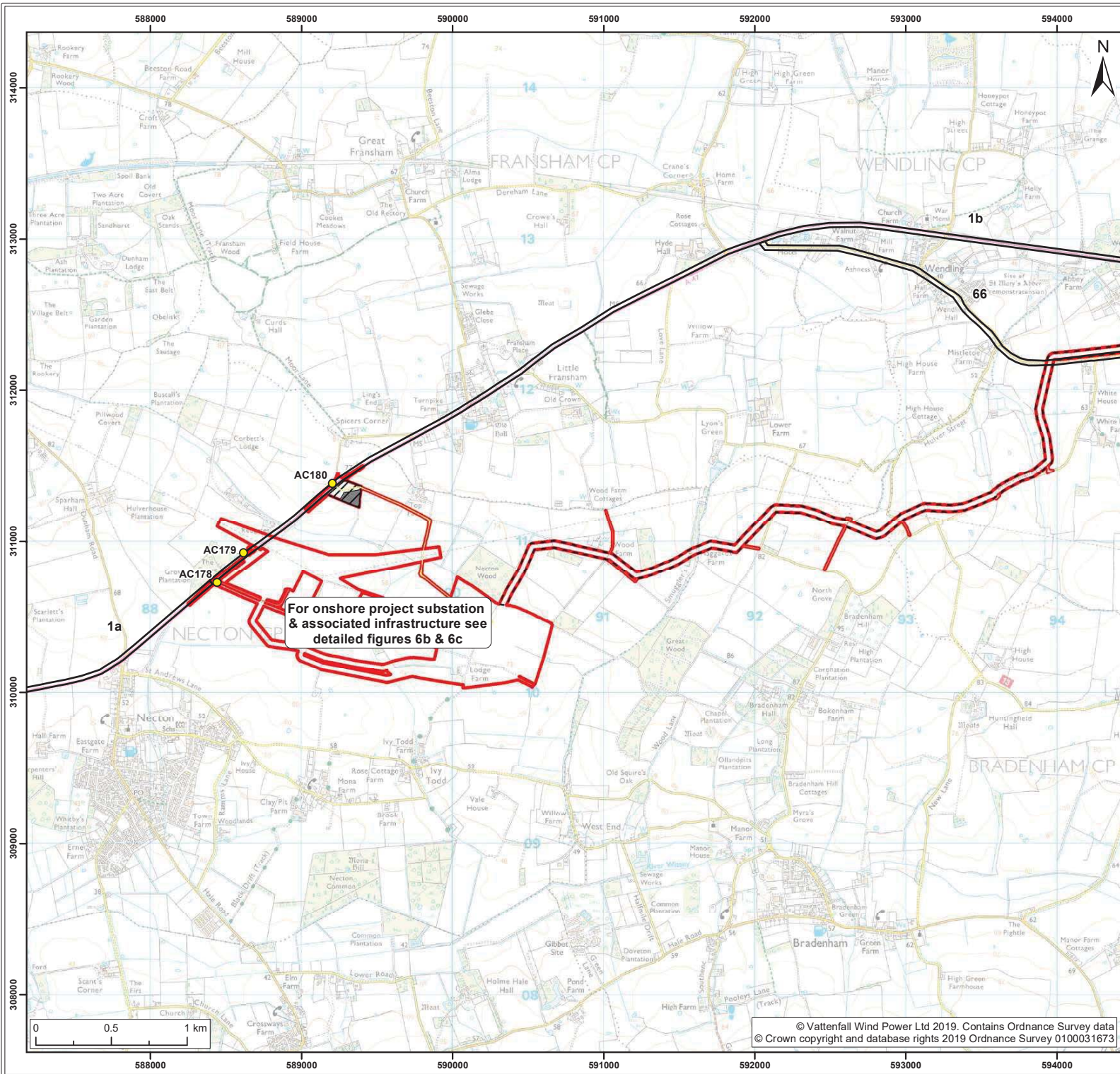
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Highway links**
 - Major highway links
 - Access point ID

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title: Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2) (Map 9 of 9)

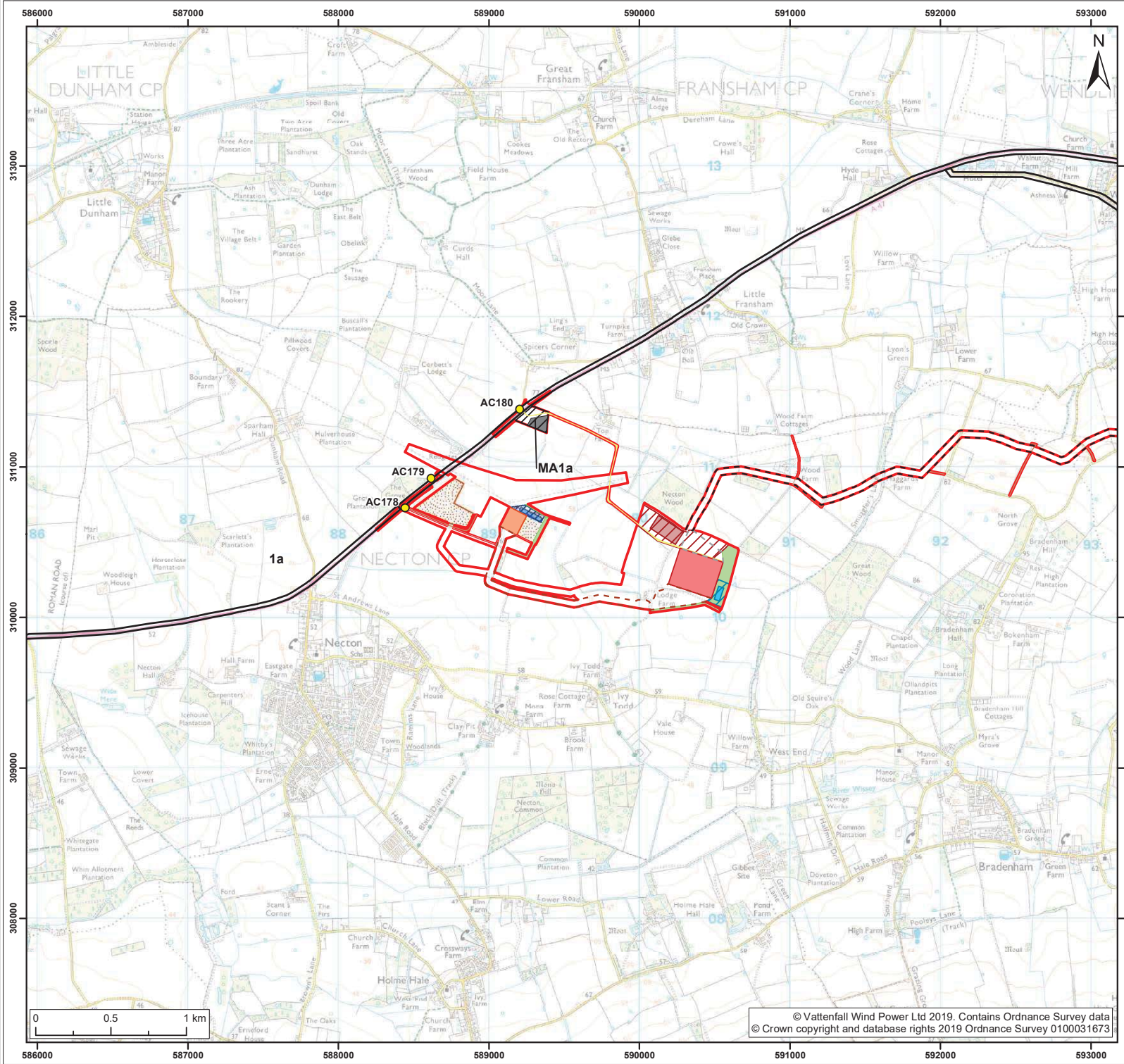
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid temporary works
 - National Grid attenuation pond location search area
 - Indicative National Grid attenuation pond
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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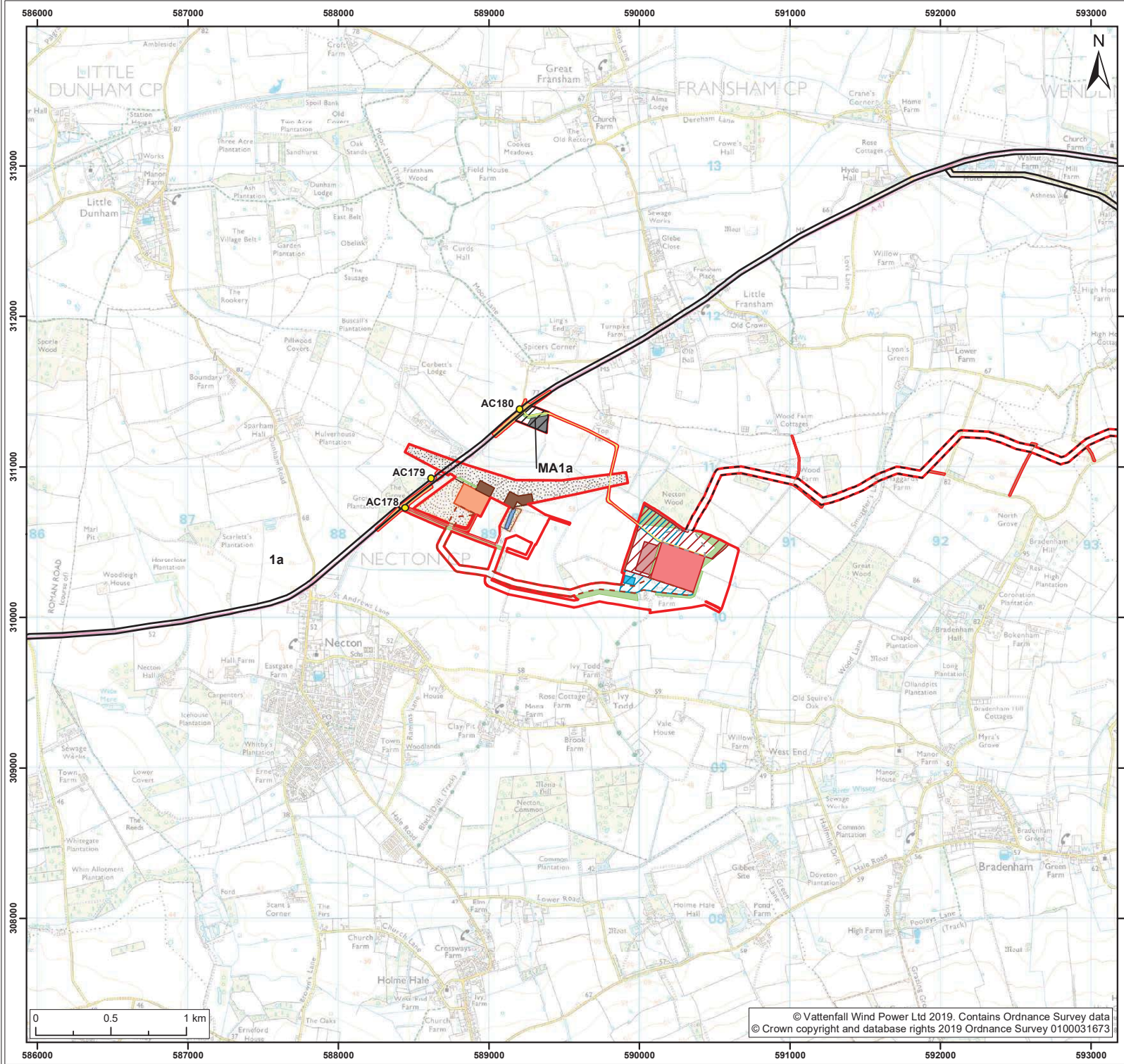
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Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2)

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Co-ordinate system: British National Grid **EPSG:** 27700



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Legend:

- Norfolk Boreas red line boundary
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Highways temporary works area
- Construction access
- Operational access
- Permanent access
- Onshore project substation
- Onshore project substation temporary construction compound zone
- Indicative onshore project construction temporary compound
- Attenuation pond zone
- Indicative attenuation pond
- Indicative mitigation planting
- National Grid substation extension
- National Grid new / replacement OHL tower search area
- National Grid temporary works
- Overhead line temporary works
- National Grid attenuation pond
- Highway Links**
- Major highway links
- Access point ID

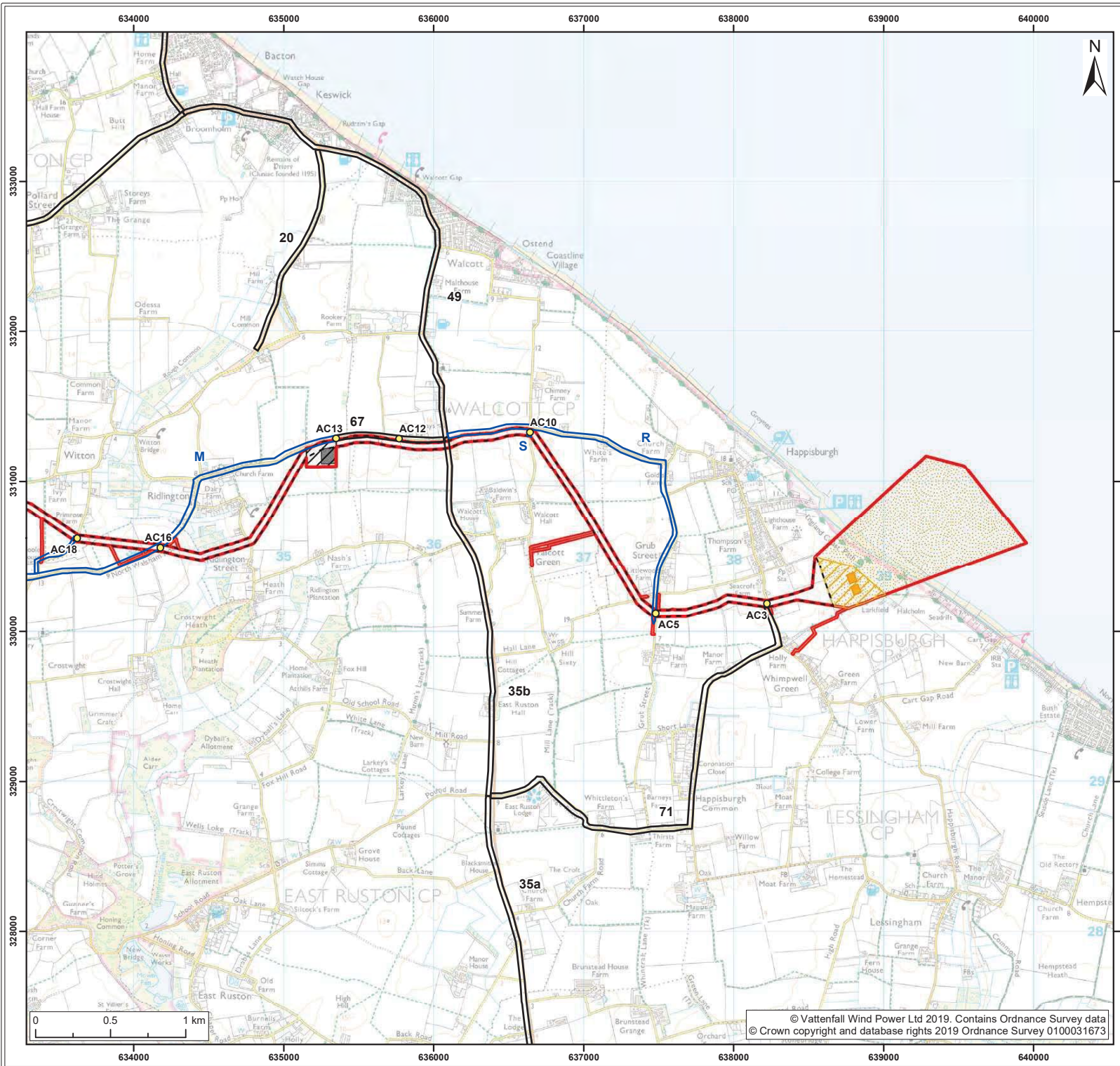
Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 1) and Scenario 2 (Stage 2)

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Co-ordinate system: British National Grid **EPSG:** 27700





Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Landfall zone
- Landfall compound zone
- Indicative landfall compound
- Onshore cable route
- Construction access
- Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Mobilisation zone
- Indicative mobilisation area compound
- Highway links**
- Major highway links
- Minor highway links
- Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3)
(Map 1 of 9)

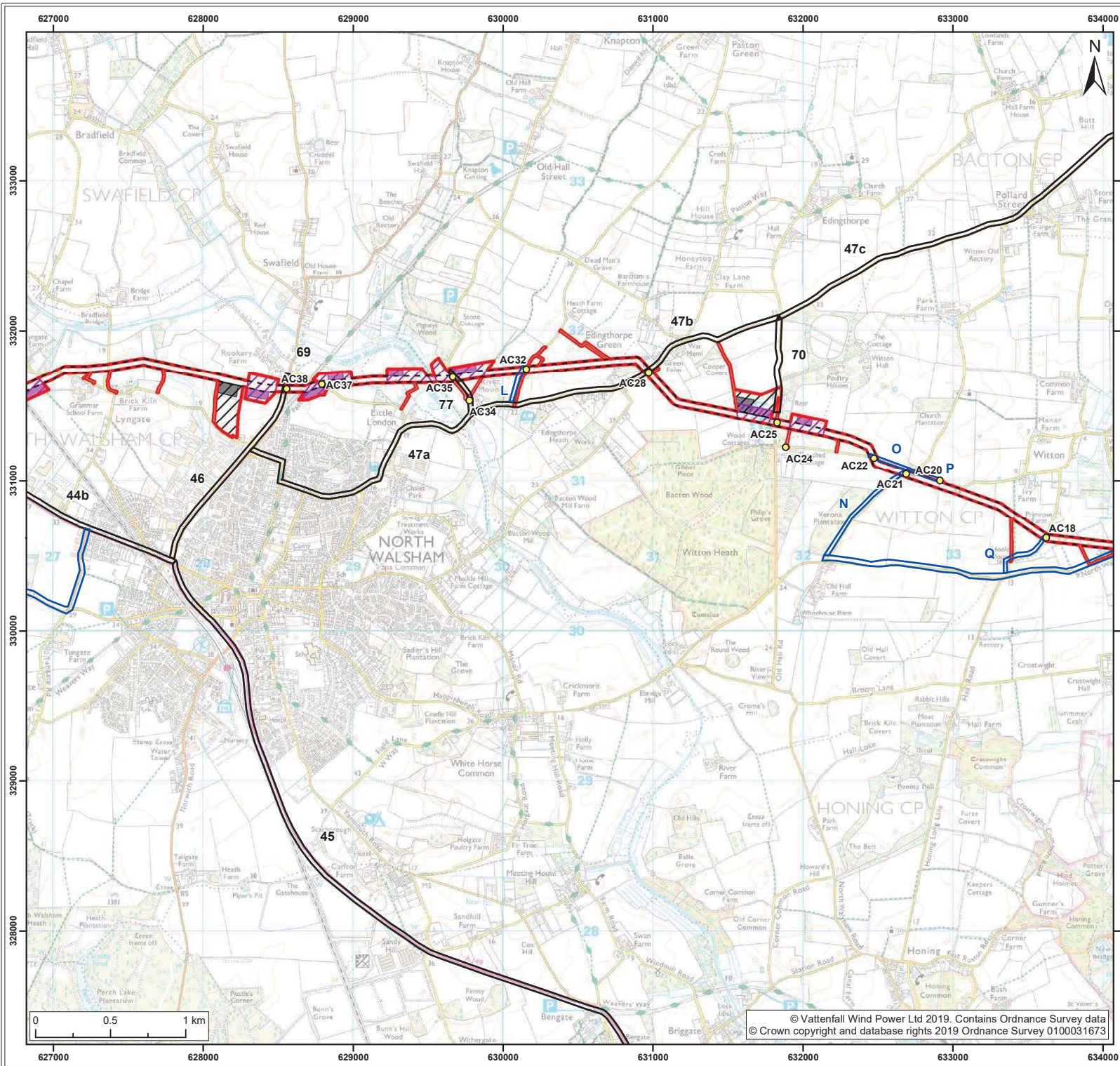
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Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
- Highway links**
 - Major highway links
 - Minor highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 2 of 9)

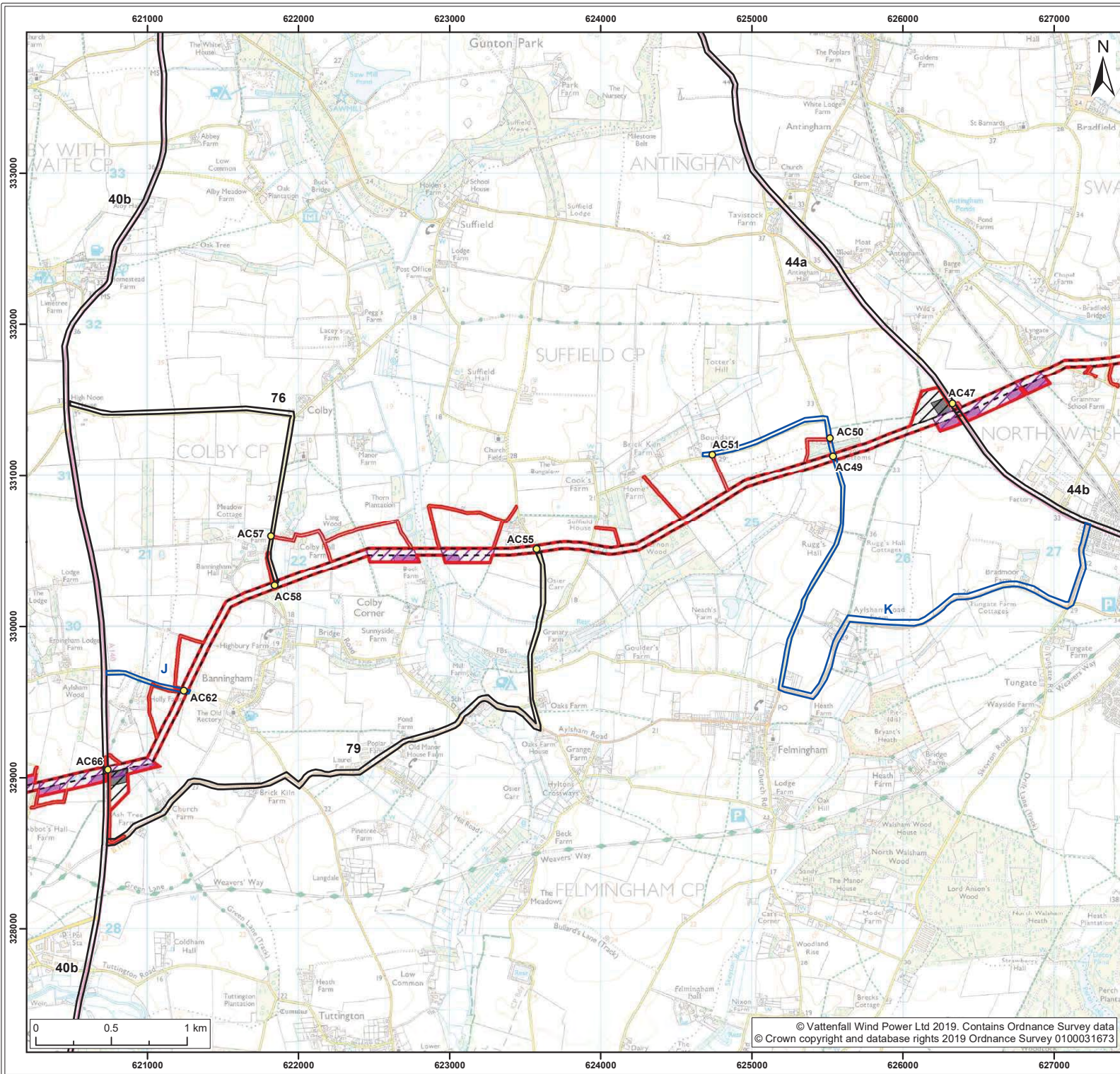
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Co-ordinate system: British National Grid **EPSG:** 27700

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Construction access
- Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
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- Indicative trenchless crossing compound
- Mobilisation zone
- Indicative mobilisation area compound
- Highway links**
- Major highway links
- Minor highway links
- Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 3 of 9)

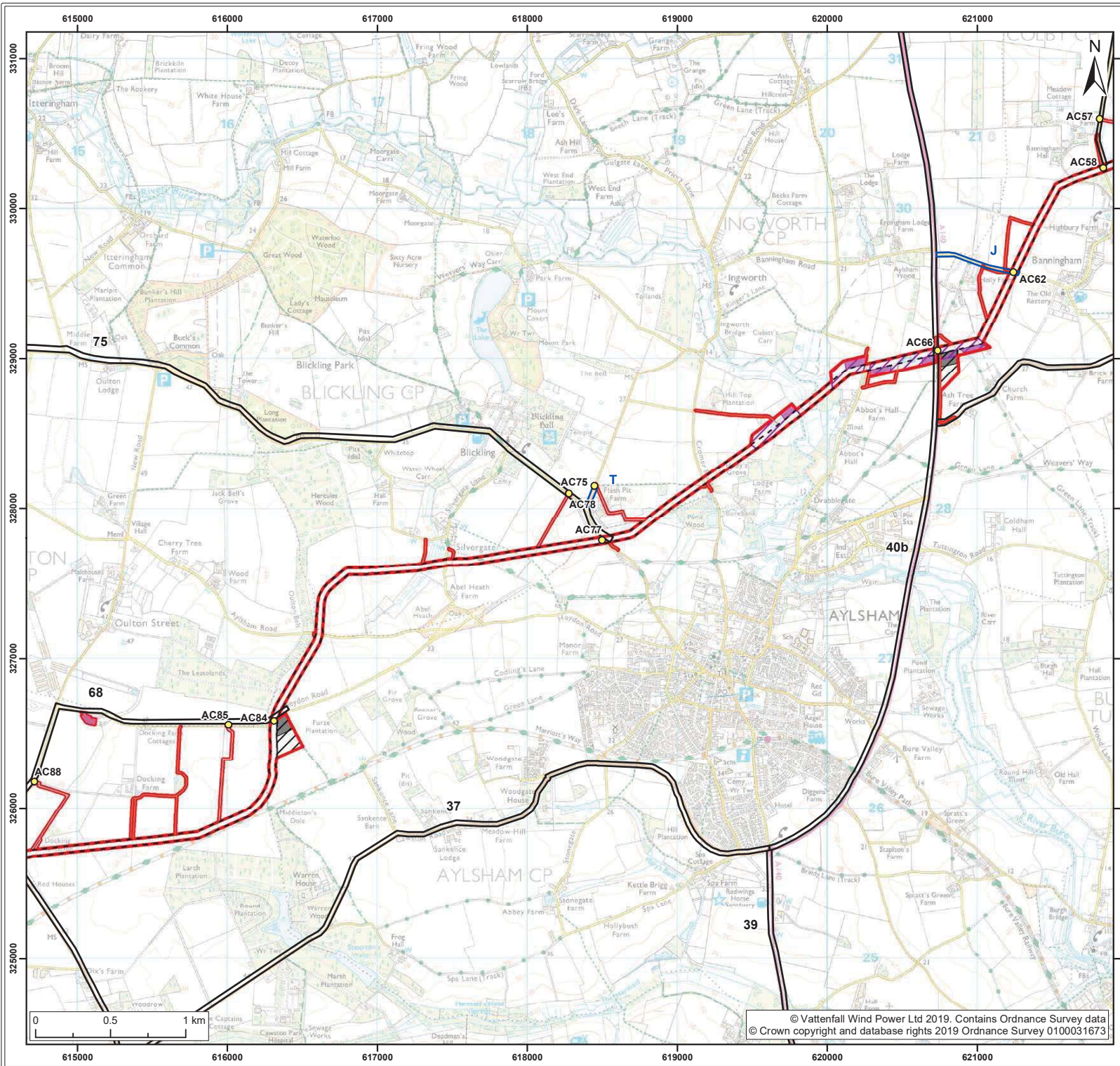
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Cable logistics area
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Minor highway links
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Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 4 of 9)

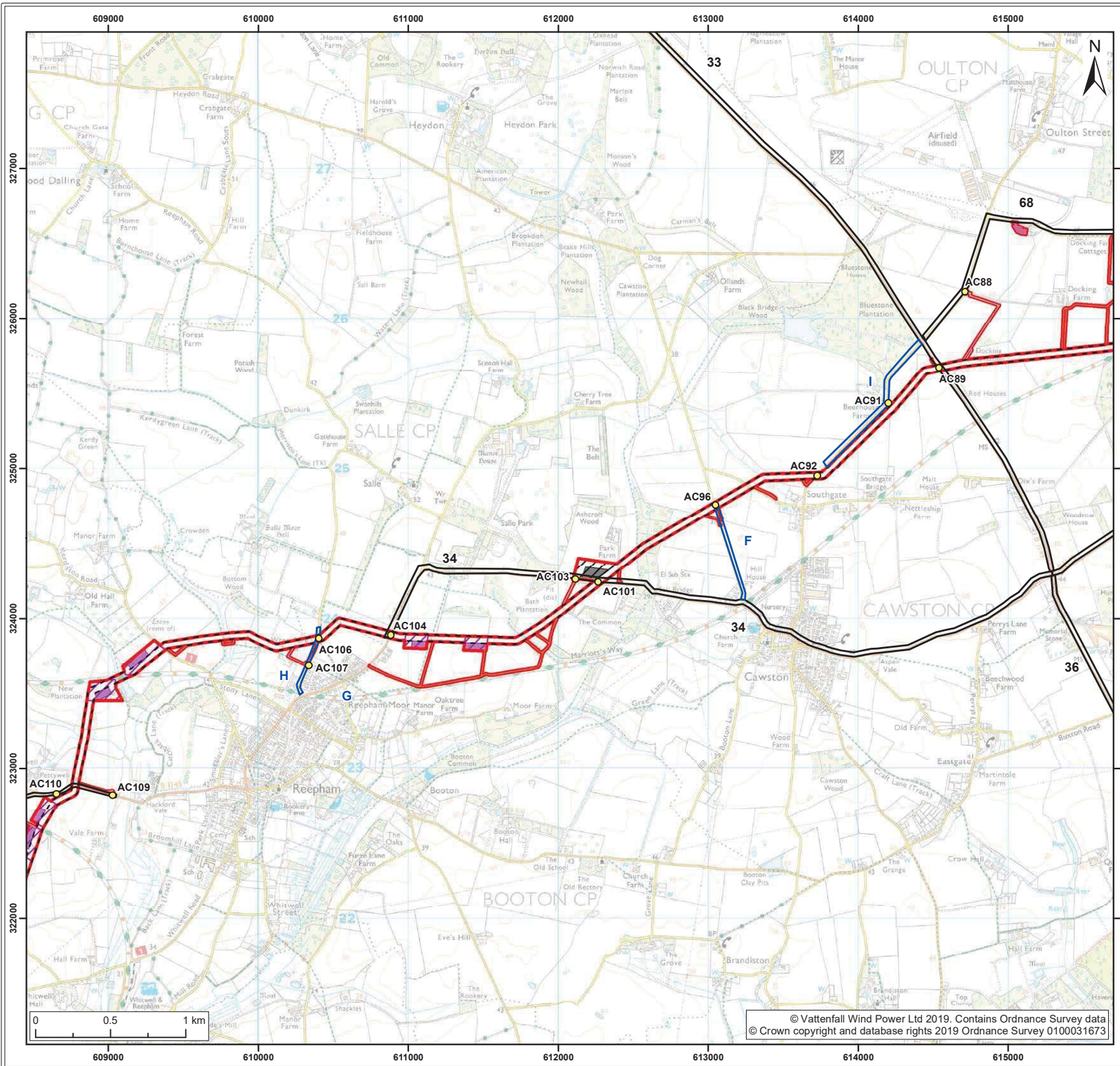
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Cable logistics area
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highway links**
 - Major highway links
 - Minor highway links
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Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3)
(Map 5 of 9)

Figure: 7 Drawing No: PB5640-007-009-007a

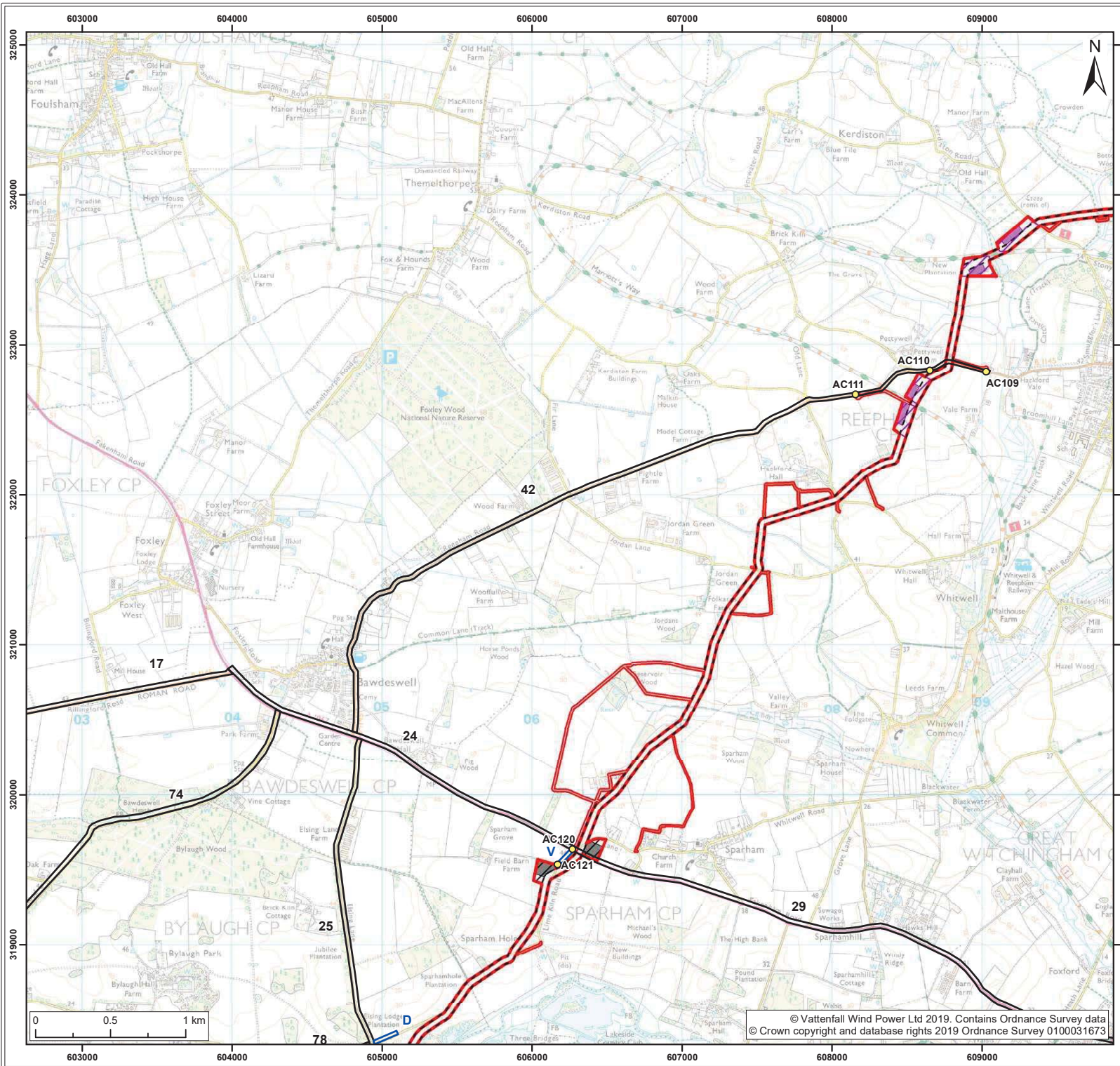
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- Legend:
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
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Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title: Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 6 of 9)

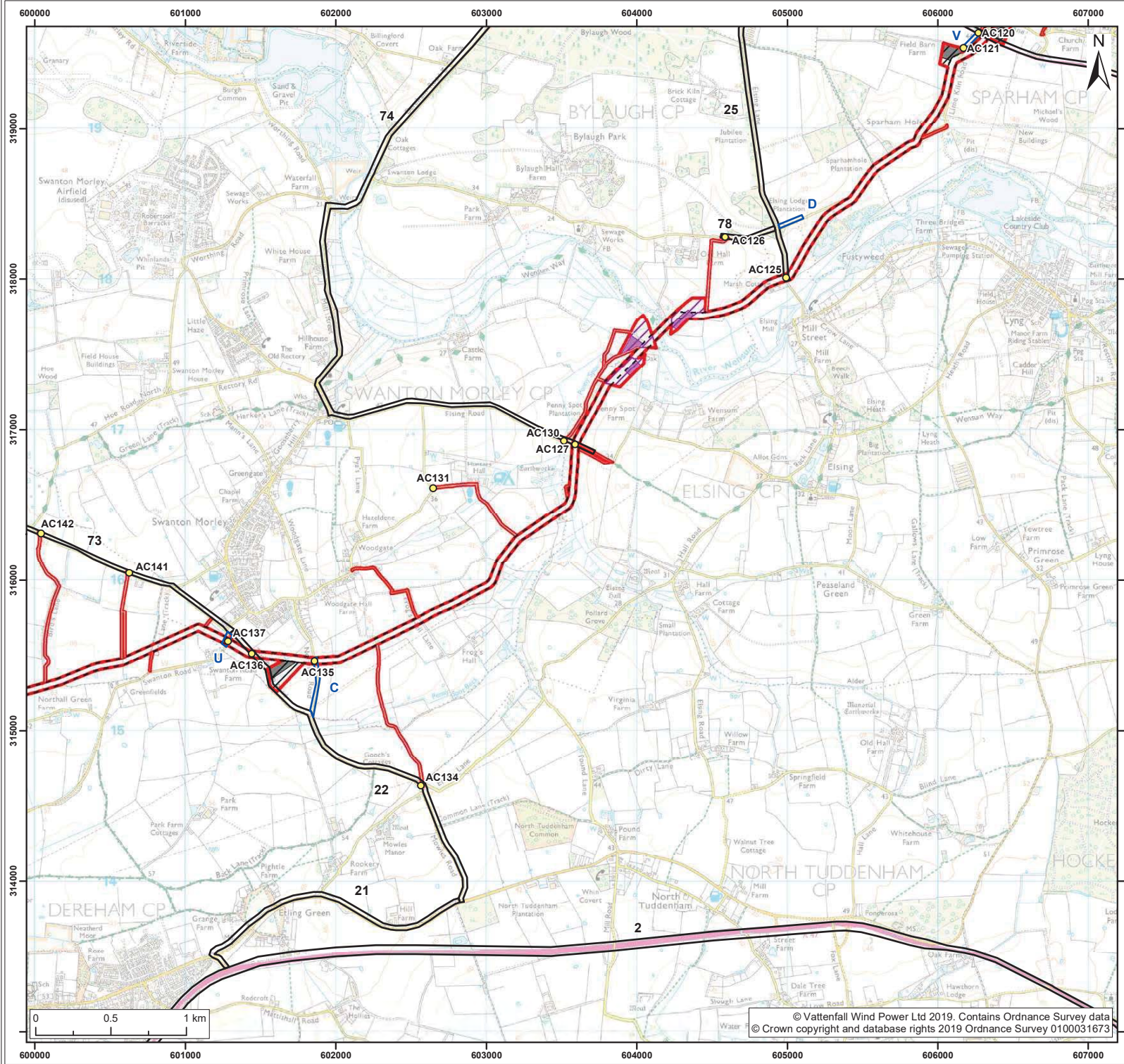
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Co-ordinate system: British National Grid EPSG: 27700

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- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
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Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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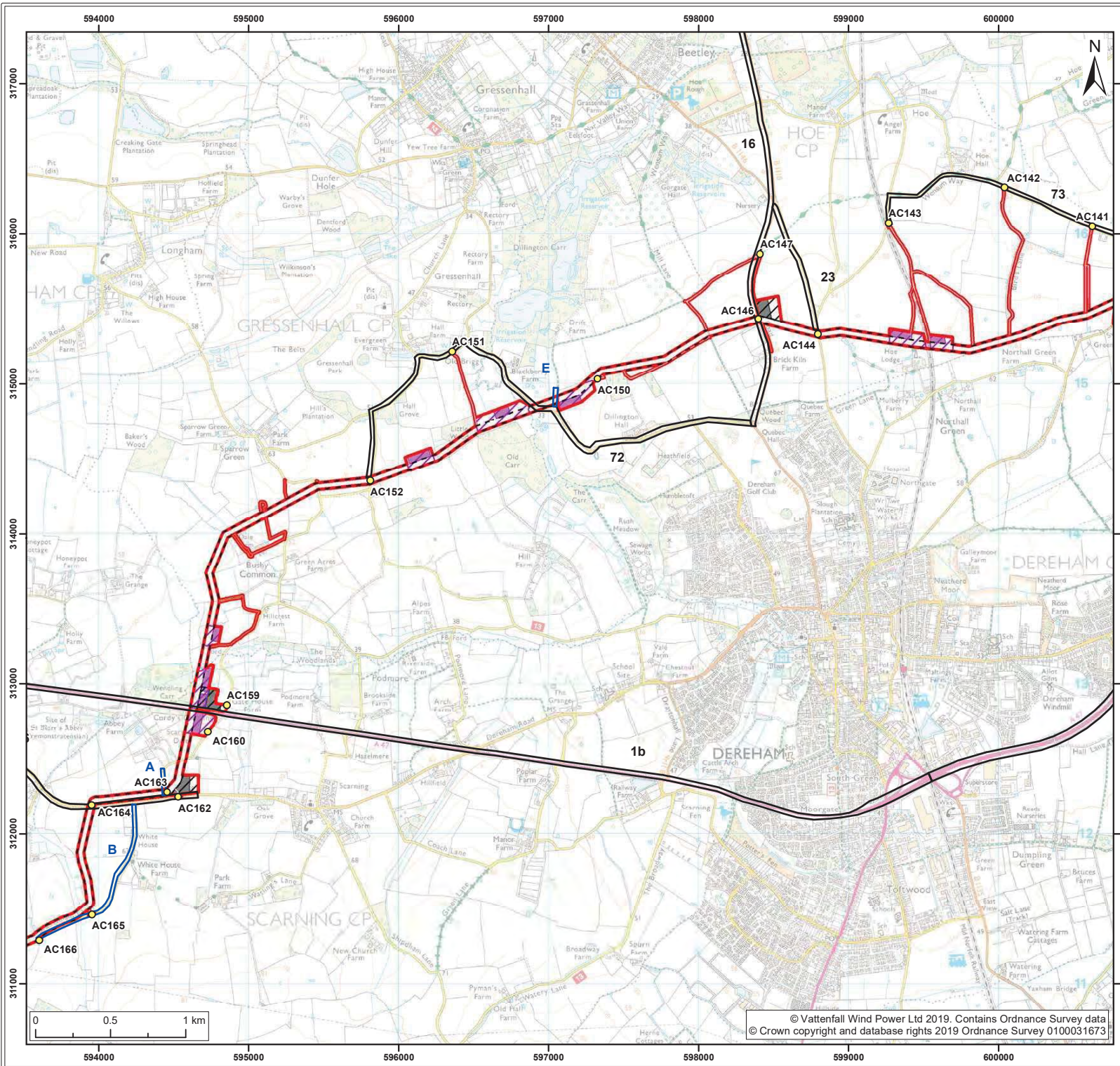
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Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 7 of 9)

Figure: 7	Drawing No: PB5640-007-009-007a				
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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Construction access
- Operational access
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Trenchless crossing zone (e.g. HDD)
- Indicative trenchless crossing compound
- Mobilisation zone
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- Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3) (Map 8 of 9)

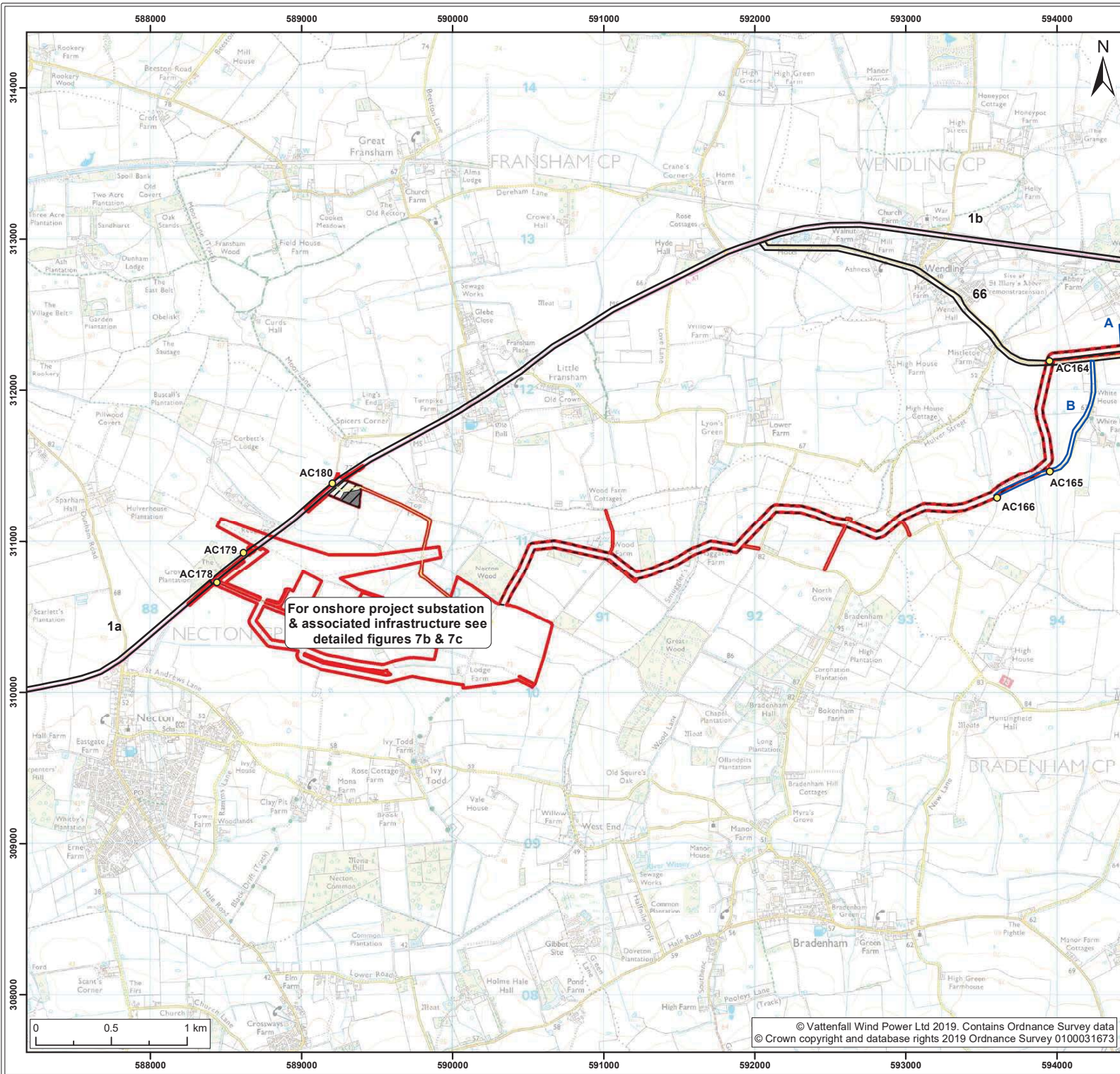
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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Construction access
- Operational access
- Permanent access
- Highway links**
- Major highway links
- Minor highway links
- Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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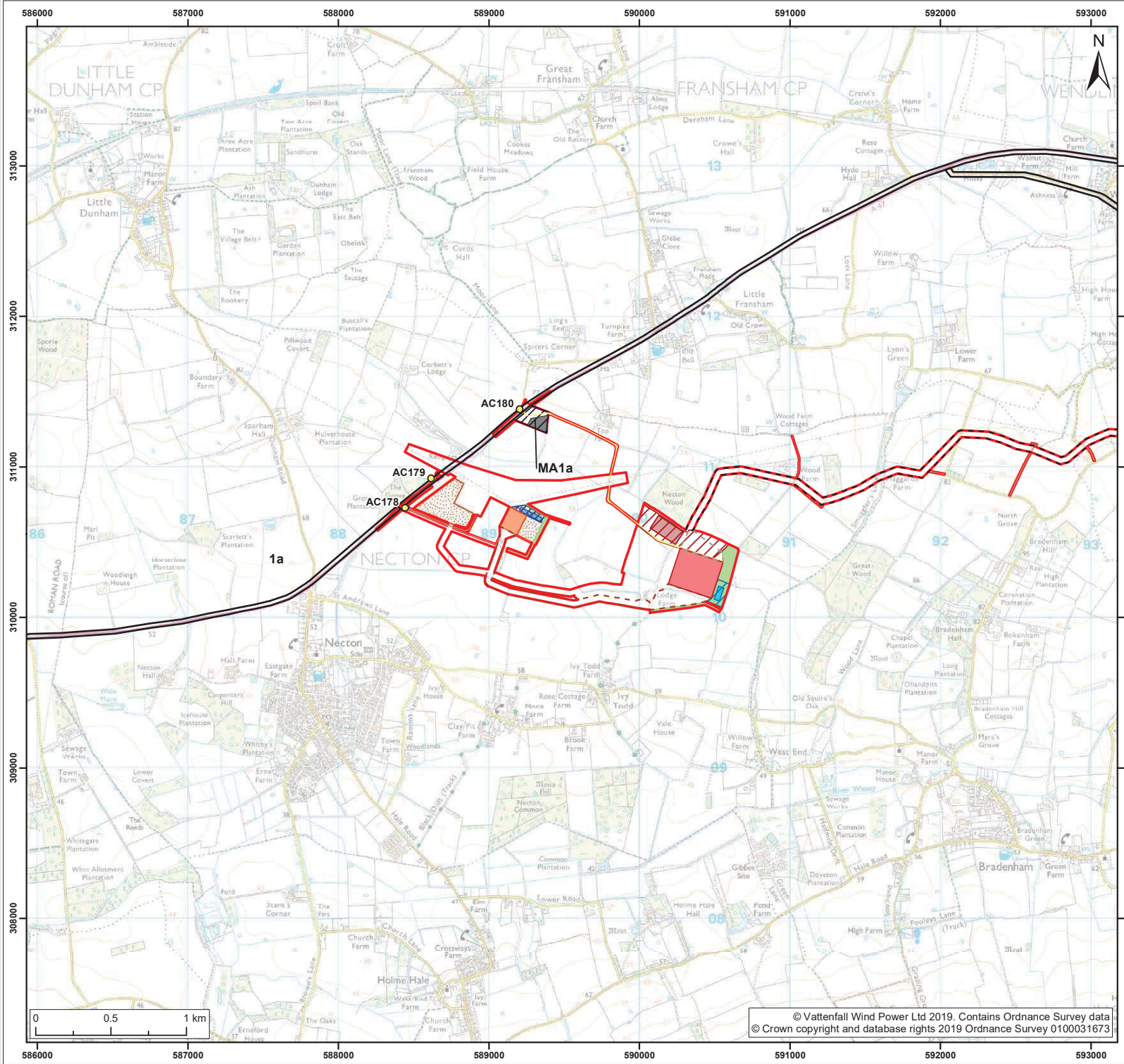
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(Map 9 of 9)

Figure: 7	Drawing No: PB5640-007-009-007a				
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- Legend:**
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid temporary works
 - National Grid attenuation pond location search area
 - Indicative National Grid attenuation pond
 - Highway links**
 - Major highway links
 - Access point ID

Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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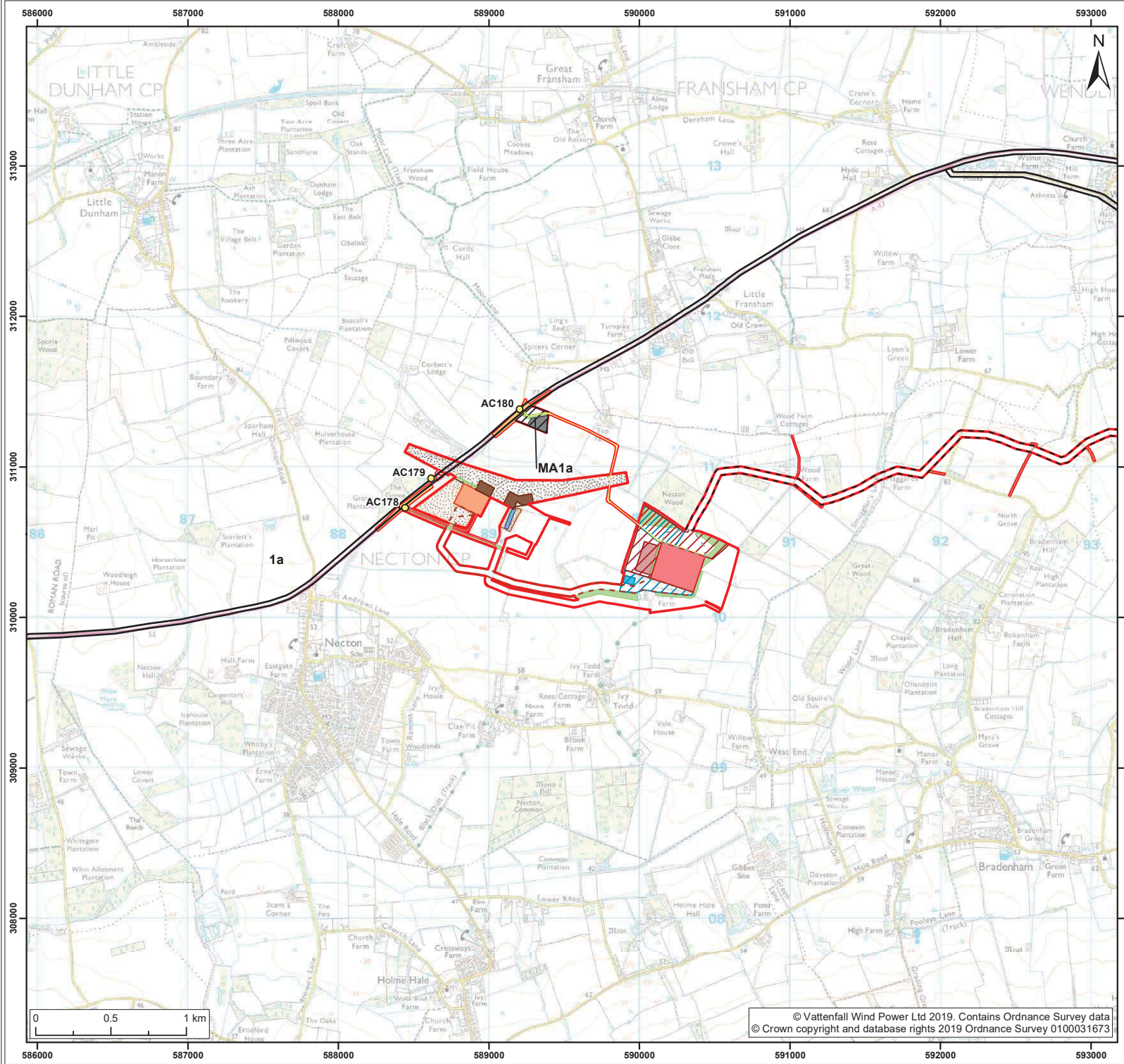
Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3)

Figure: 7	Drawing No: PB5640-007-009-007b				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
04	15/05/2019	JT	CD	A3	1:25,000
03	13/05/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas red line boundary
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Highways temporary works area
- Construction access
- Operational access
- Permanent access
- Onshore project substation
- Onshore project substation temporary construction compound zone
- Indicative onshore project construction temporary compound
- Attenuation pond zone
- Indicative attenuation pond
- Indicative mitigation planting
- National Grid substation extension
- National Grid new / replacement OHL tower search area
- National Grid temporary works
- Overhead line temporary works
- National Grid attenuation pond
- Highway Links**
- Major highway links
- Access point ID

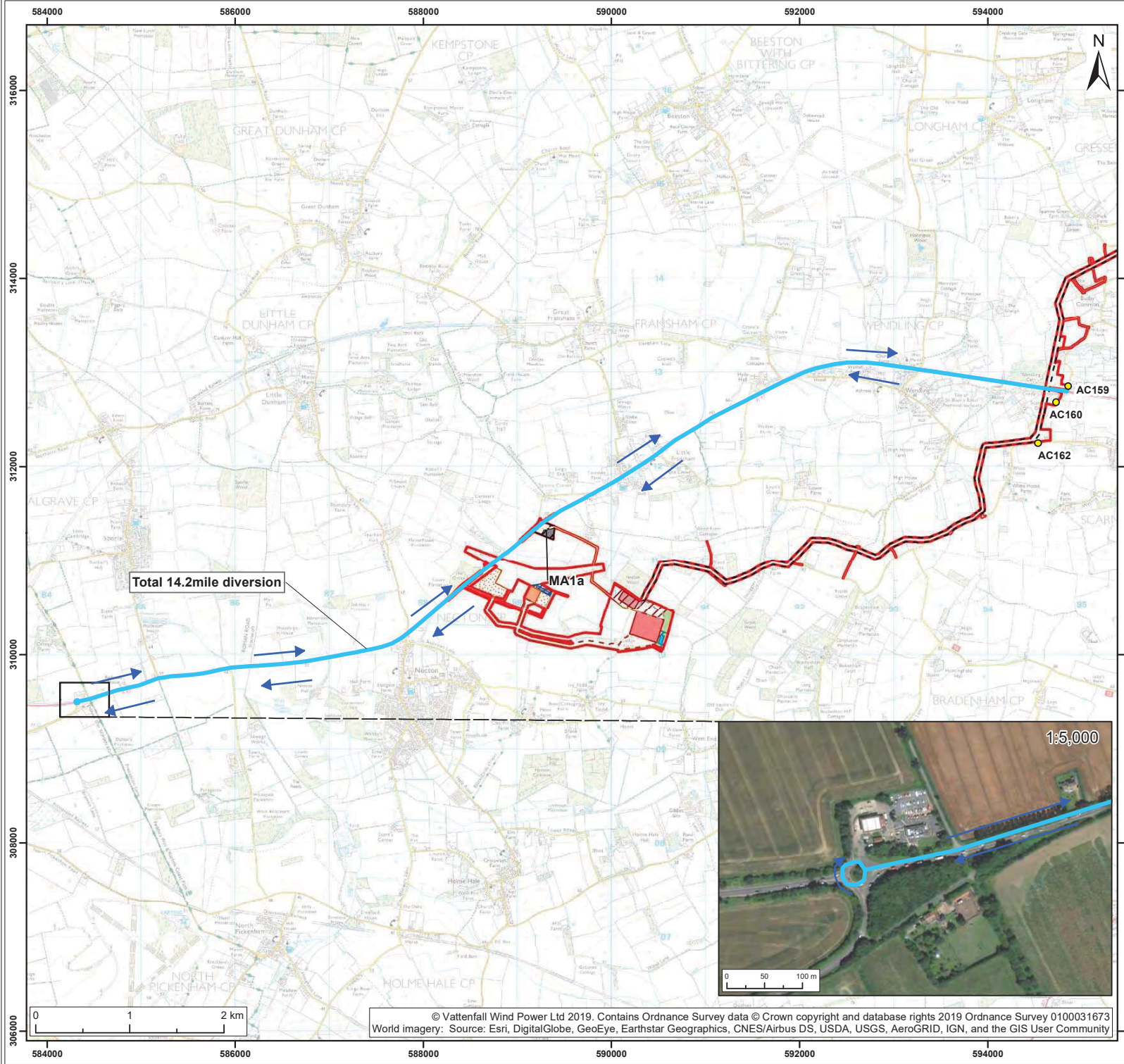
Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Highways Links – Scenario 1 (Stage 2) and Scenario 2 (Stage 3)

Figure: 7	Drawing No: PB5640-007-009-007c				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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03	13/05/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid **EPSG:** 27700





Legend:

- Norfolk Boreas red line boundary
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Construction access
- Operational access
- Permanent access
- Onshore project substation
- Onshore project substation temporary construction compound zone
- Indicative onshore project substation temporary construction compound
- Attenuation pond zone
- Indicative attenuation pond
- Indicative mitigation planting
- National Grid substation extension
- National Grid temporary works
- National Grid attenuation pond location search area
- Indicative National Grid attenuation pond
- Construction vehicle u-turn route
- Access Point ID
- ➔ Direction of travel

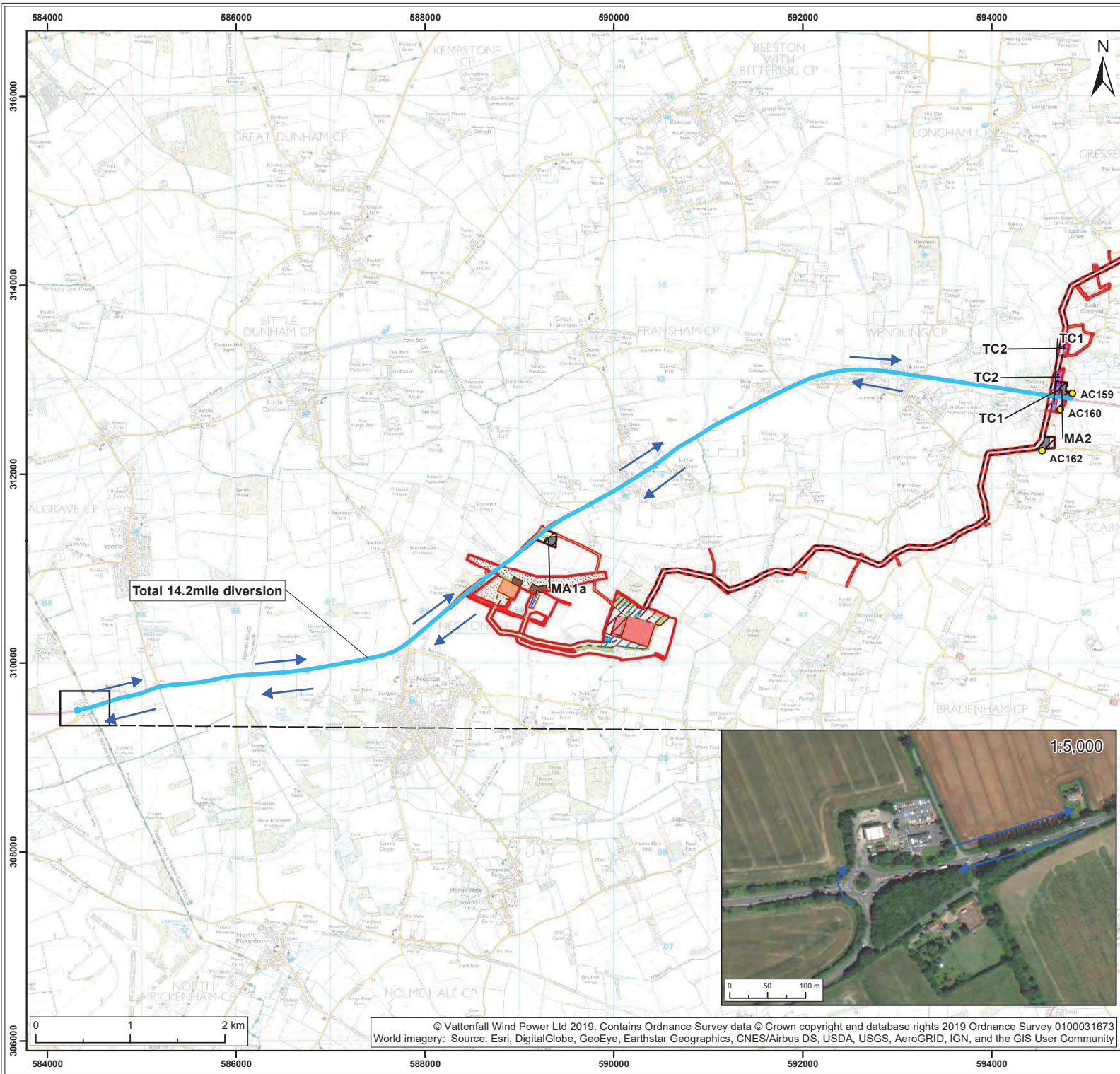
Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Diversion utilising the 'McDonalds Roundabout' u-turn route (AC159) (Scenario 1)

Figure: 8a	Drawing No: PB5640-007-009-008a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	15/05/2019	JT	CD	A3	1:40,000
02	08/05/2019	JT	CD	A3	1:40,000

Co-ordinate system: British National Grid EPSG: 27700





- Legend:**
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highways temporary works area
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid new / replacement OHL tower search area
 - National Grid temporary works
 - Overhead line temporary works
 - National Grid attenuation pond
 - Construction vehicle u-turn route
 - Access Point ID
 - Direction of travel

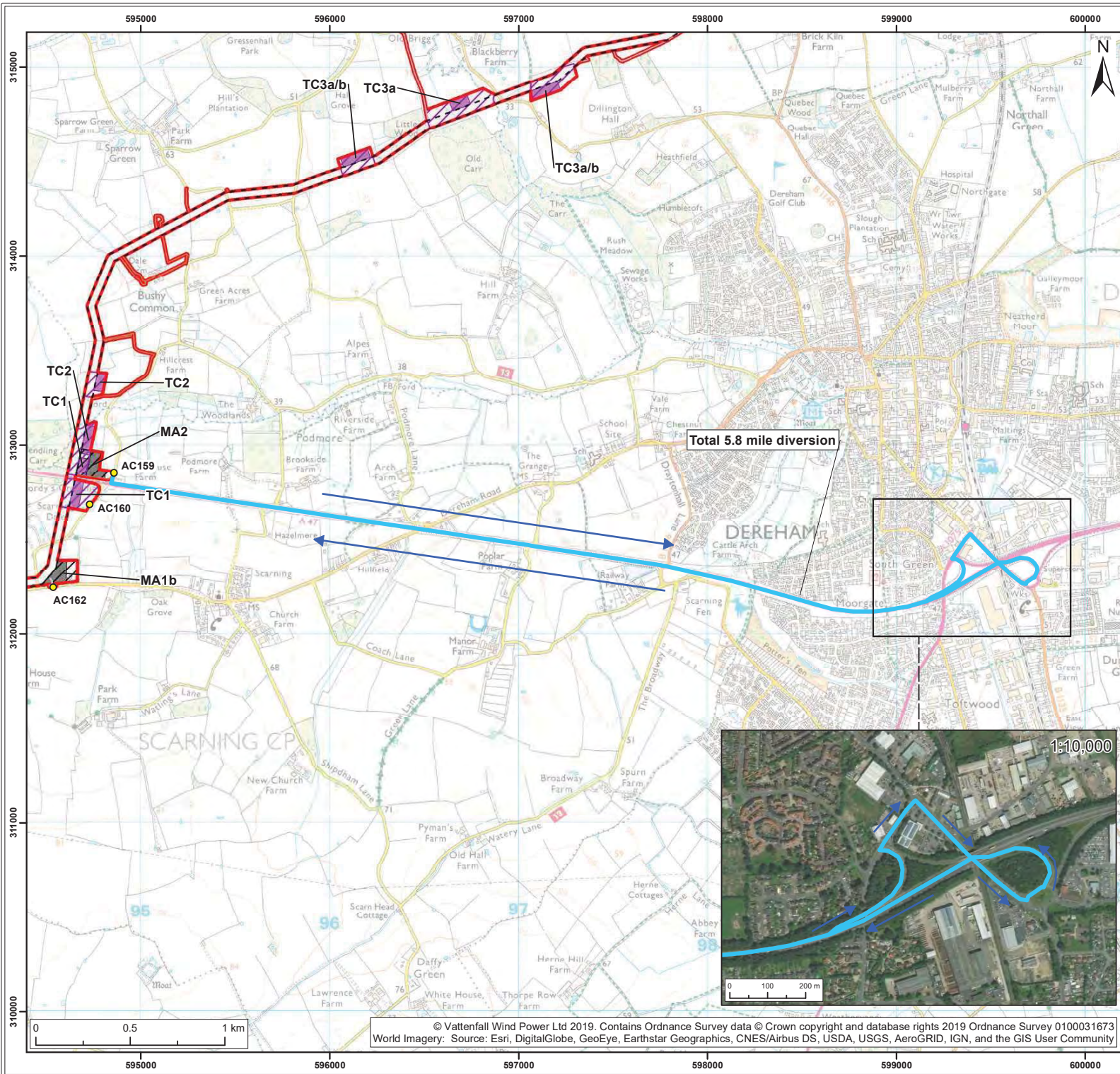
Project: Norfolk Boreas	Report: Outline Traffic Management Plan
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Title:
Diversion utilising the 'McDonalds Roundabout' u-turn route (AC159) (Scenario 2)

Figure: 8b	Drawing No: PB5640-007-009-008b				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	15/05/2019	JT	CD	A3	1:40,000
02	08/05/2019	JT	CD	A3	1:40,000

Co-ordinate system: British National Grid EPSG: 27700





- Legend:
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - Construction vehicle u-turn route
 - Access Point ID
 - Direction of travel
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound

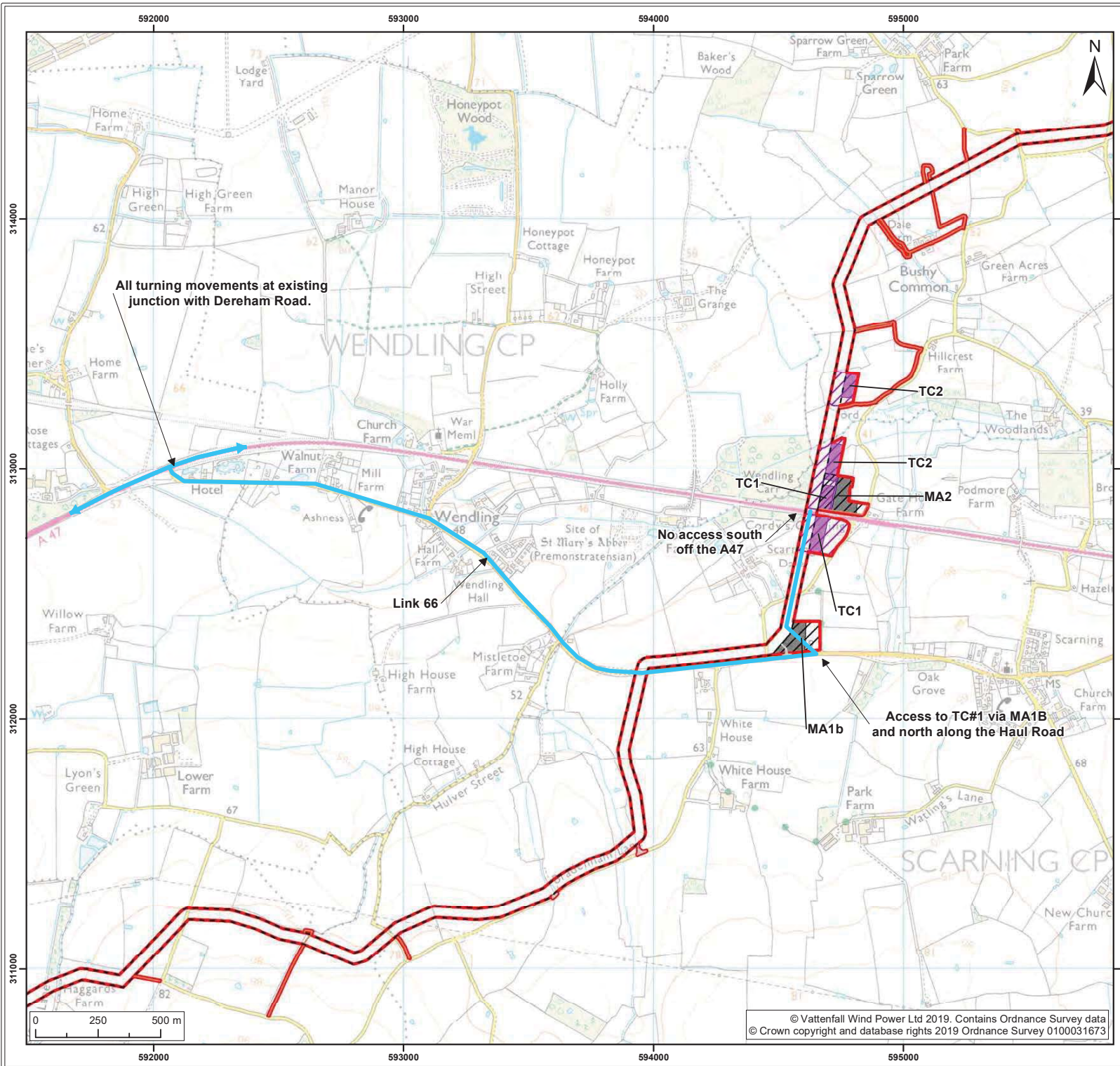
Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:
 Diversion utilising Dereham u-turn route (AC159)

Figure: 9	Drawing No: PB5640-007-009-009				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
02	08/05/2019	JT	CD	A3	1:20,000
01	25/04/2019	JT	CD	A3	1:10,000

Co-ordinate system: British National Grid EPSG: 27700





- Legend:**
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
 - Onshore cable route
 - Construction access
 - Operational access
 - TC1 south construction vehicle access route
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:

Construction vehicle access route to TC1 south (AC162)

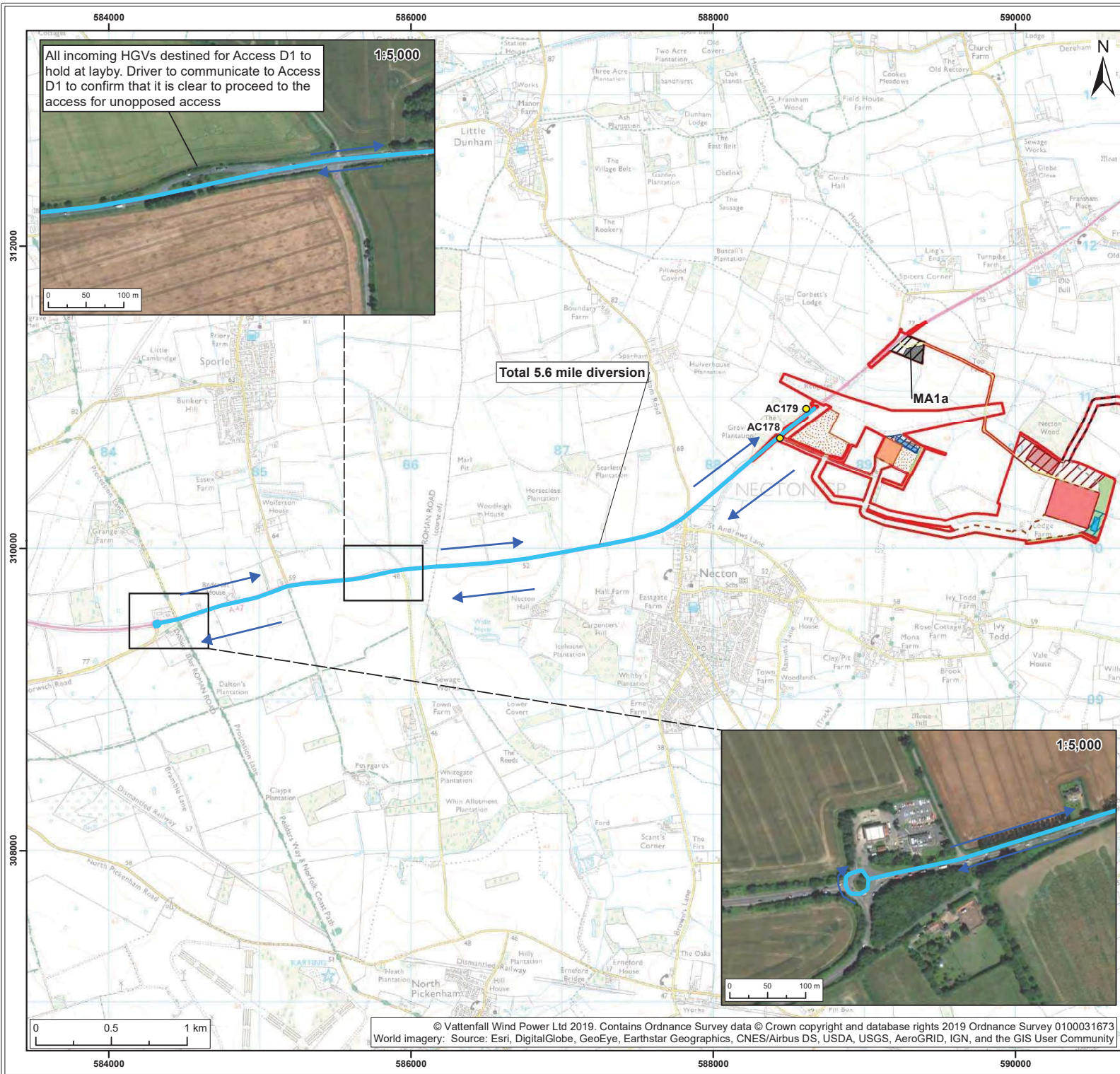
Figure: 10	Drawing No: PB5640-007-009-010				
Revision: 02	Date: 08/05/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:15,000
Revision: 01	Date: 25/04/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:15,000

Co-ordinate system: British National Grid EPSG: 27700

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- Legend:
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid temporary works
 - National Grid attenuation pond location search area
 - Indicative National Grid attenuation pond
 - Construction vehicle u-turn route
 - Access Point ID
 - ➔ Direction of travel

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

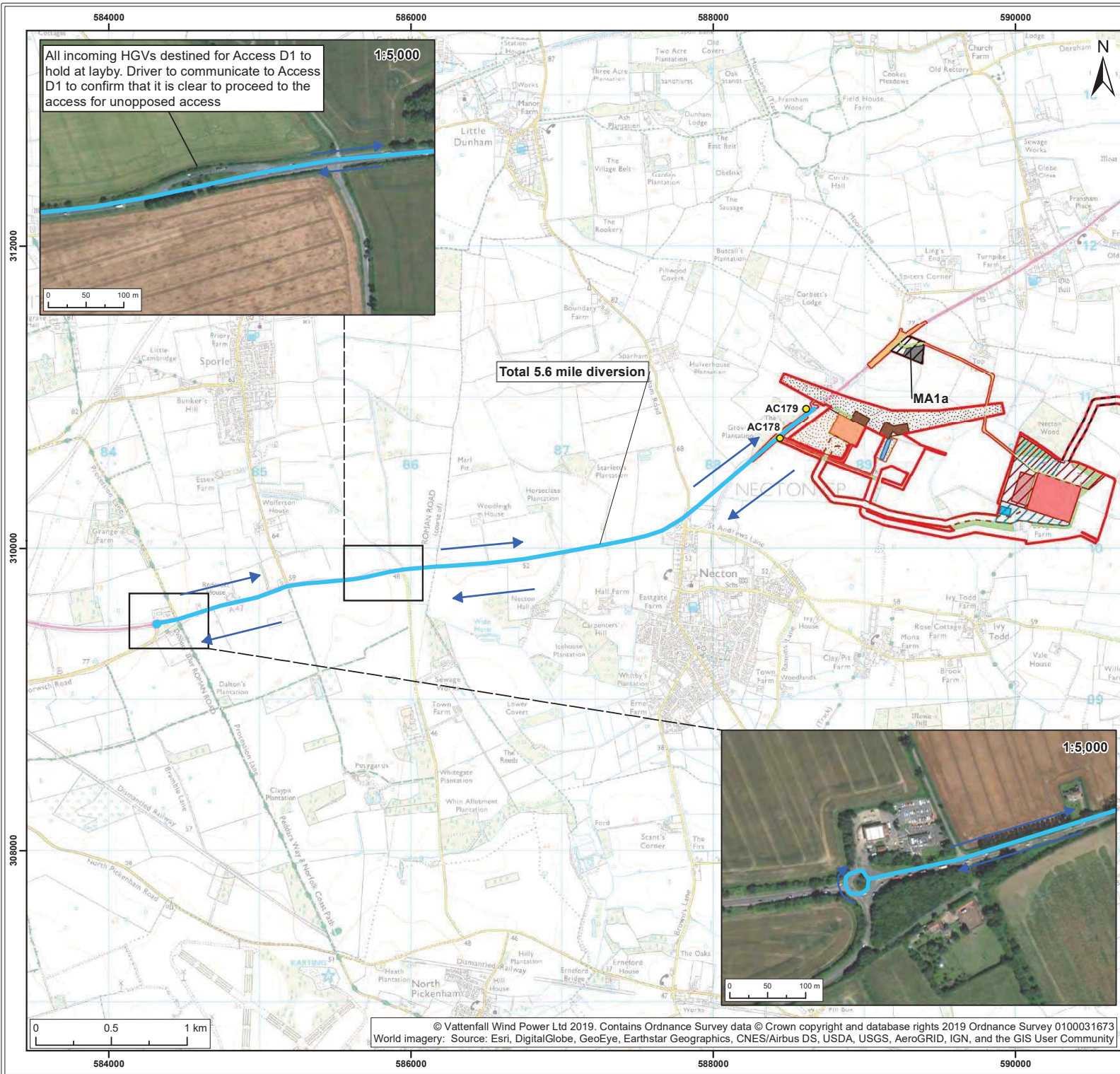
Title:
 Diversion utilising the 'McDonalds Roundabout' u-turn route (AC178 & AC179)

Figure: 11a	Drawing No: PB5640-007-009-011a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	08/05/2019	JT	CD	A3	1:25,000
02	02/05/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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All incoming HGVs destined for Access D1 to hold at layby. Driver to communicate to Access D1 to confirm that it is clear to proceed to the access for unopposed access

1:5,000

Total 5.6 mile diversion

AC179

AC178

MA1a

1:5,000

0 50 100 m

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Legend:

- Norfolk Boreas red line boundary
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- route
- Mobilisation zone
- Indicative mobilisation area compound
- Highways temporary works area
- Construction access
- Operational access
- Permanent access
- Onshore project substation
- Onshore project substation temporary construction compound zone
- Indicative onshore project substation temporary construction compound
- Attenuation pond zone
- Indicative attenuation pond
- Indicative mitigation planting
- National Grid substation extension
- National Grid new / replacement OHL tower search area
- National Grid temporary works
- Overhead line temporary works
- National Grid attenuation pond
- Construction vehicle u-turn route
- Access Point ID
- Direction of travel

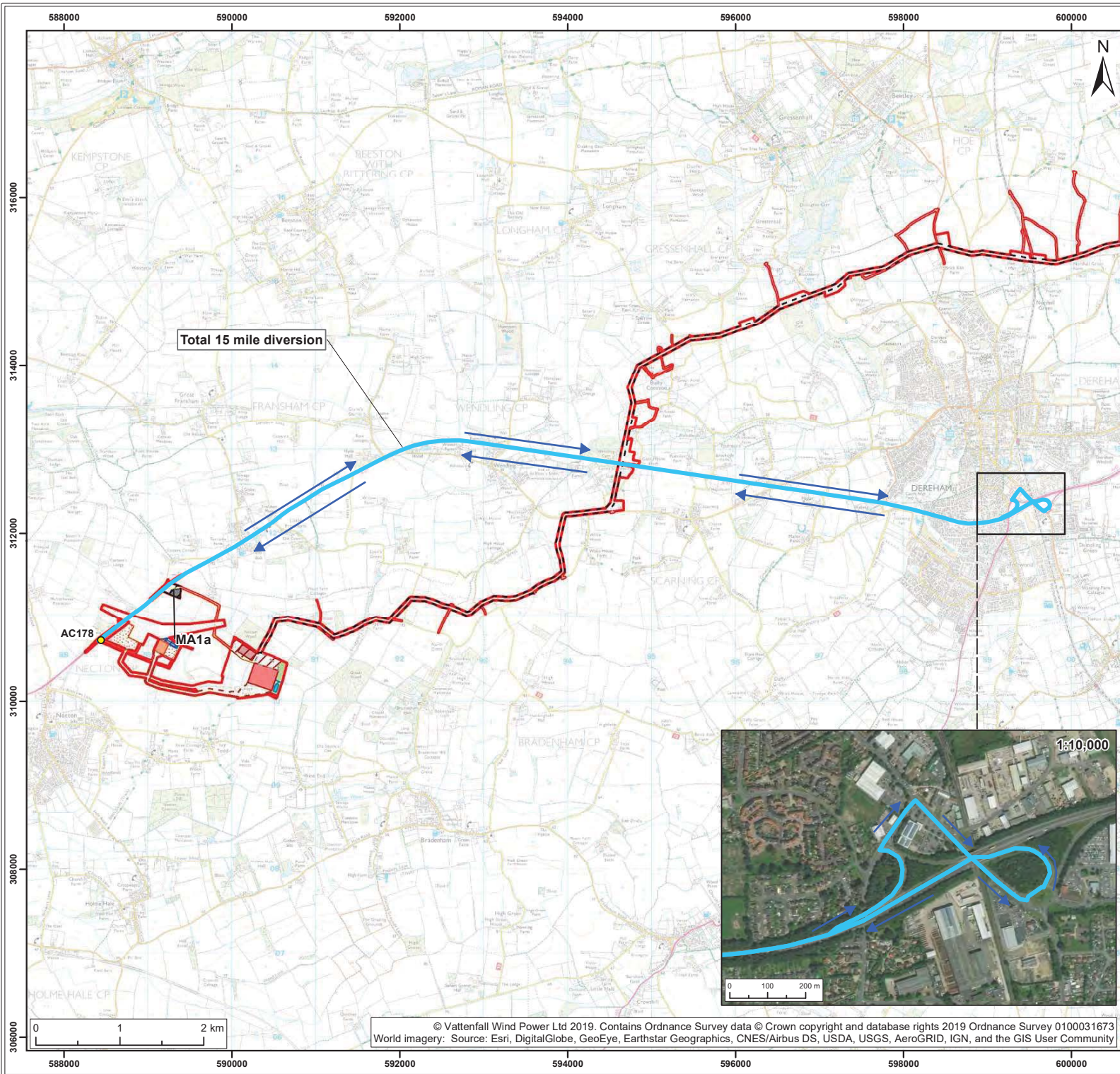
Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:
Diversion utilising the 'McDonalds Roundabout' u-turn route (AC178 & AC179)

Figure: 11b	Drawing No: PB5640-007-009-011b				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	08/05/2019	JT	CD	A3	1:25,000
02	02/05/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700





- Legend:
- Norfolk Boreas red line boundary
 - Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Construction access
 - Operational access
 - Permanent access
 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid temporary works
 - National Grid attenuation pond location search area
 - Indicative National Grid attenuation pond
 - Construction vehicle u-turn route
 - Access Point ID
 - Direction of travel

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

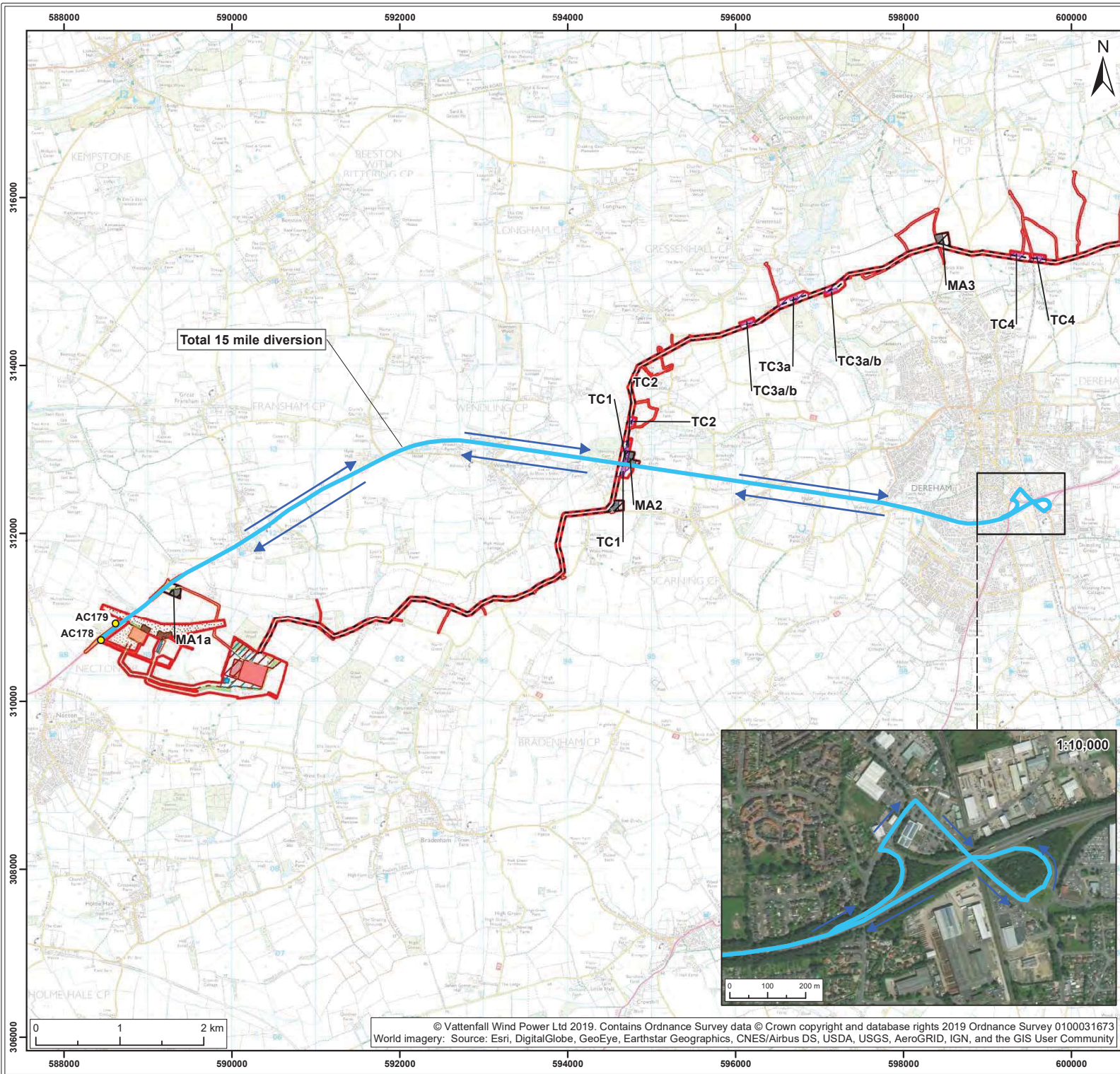
Title:

Diversion utilising Dereham u-turn route (AC178) (Scenario 1)

Figure: 12a	Drawing No: PB5640-007-009-012a				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
04	15/05/2019	JT	CD	A3	1:45,000
03	08/05/2019	JT	CD	A3	1:45,000

Co-ordinate system: British National Grid EPSG: 27700





- Legend:**
- Norfolk Boreas red line boundary
 - Onshore cable route
 - Cable route entry to substation
 - Onshore 400kV cable route
 - Trenchless crossing zone (e.g. HDD)
 - Indicative trenchless crossing compound
 - Mobilisation zone
 - Indicative mobilisation area compound
 - Highways temporary works area
 - Construction access
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 - Onshore project substation
 - Onshore project substation temporary construction compound zone
 - Indicative onshore project substation temporary construction compound
 - Attenuation pond zone
 - Indicative attenuation pond
 - Indicative mitigation planting
 - National Grid substation extension
 - National Grid new / replacement OHL tower search area
 - National Grid temporary works
 - Overhead line temporary works
 - National Grid attenuation pond
 - Construction vehicle u-turn route
 - Access Point ID
 - Direction of travel

Project:	Report:
Norfolk Boreas	Outline Traffic Management Plan

Title:
 Diversion utilising Dereham u-turn route (AC178 & AC179) (Scenario 2)

Figure: 12b	Drawing No: PB5640-007-009-012b				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
04	15/05/2019	JT	CD	A3	1:45,000
03	08/05/2019	JT	CD	A3	1:45,000

Co-ordinate system: British National Grid EPSG: 27700

