

# Norfolk Boreas Offshore Wind Farm

# Design and Access

# Statement Figures

(Version 4) Part 4 of 4

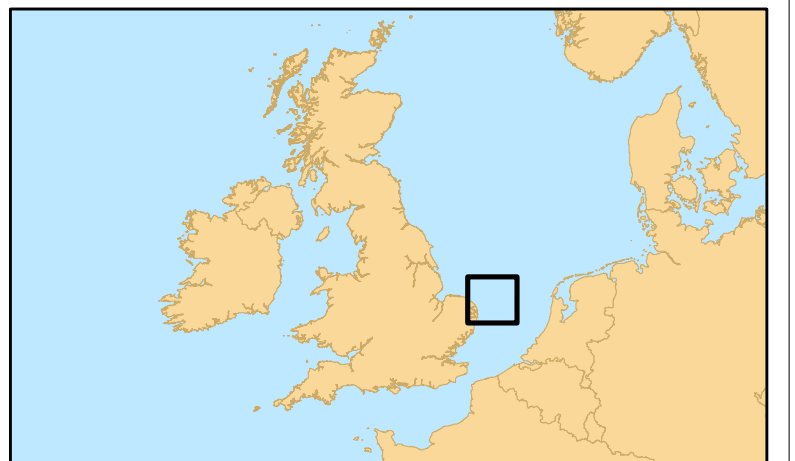
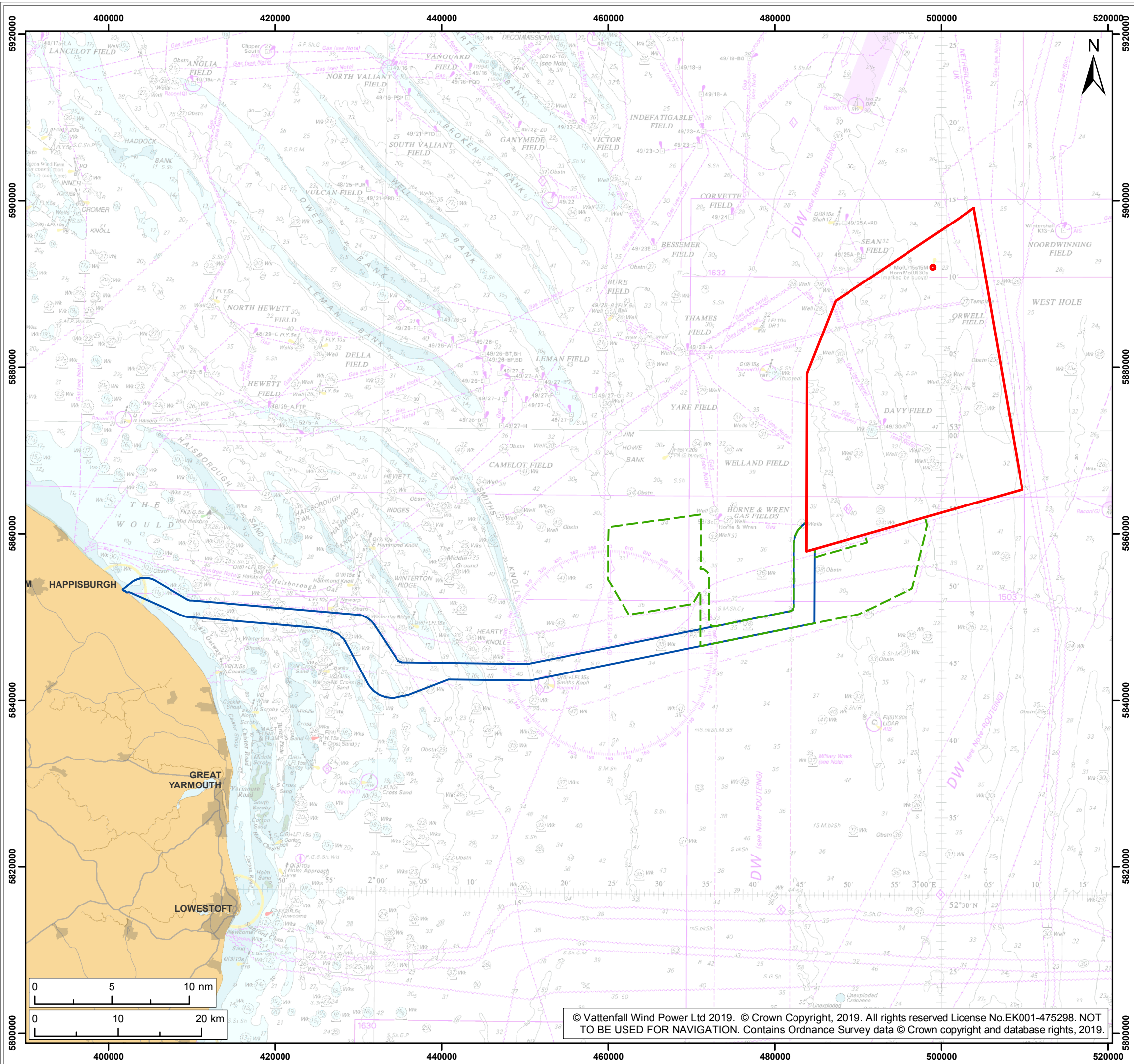
## DCO Document 8.3

Applicant: Norfolk Boreas Limited  
Document Reference: 8.3  
Pursuant to APFP Regulation: 5(2)(q)

Deadline 7  
Revision: Version 4  
Date: March 2020  
Author: Royal HaskoningDHV

*Photo: Ormonde Offshore Wind Farm*





Legend:

- Norfolk Boreas site
- Offshore cable corridor
- Project interconnector search area

Project: <b>Norfolk Boreas</b>	Report: <b>Design and Access Statement</b>
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Title:  
**Offshore Project Area**

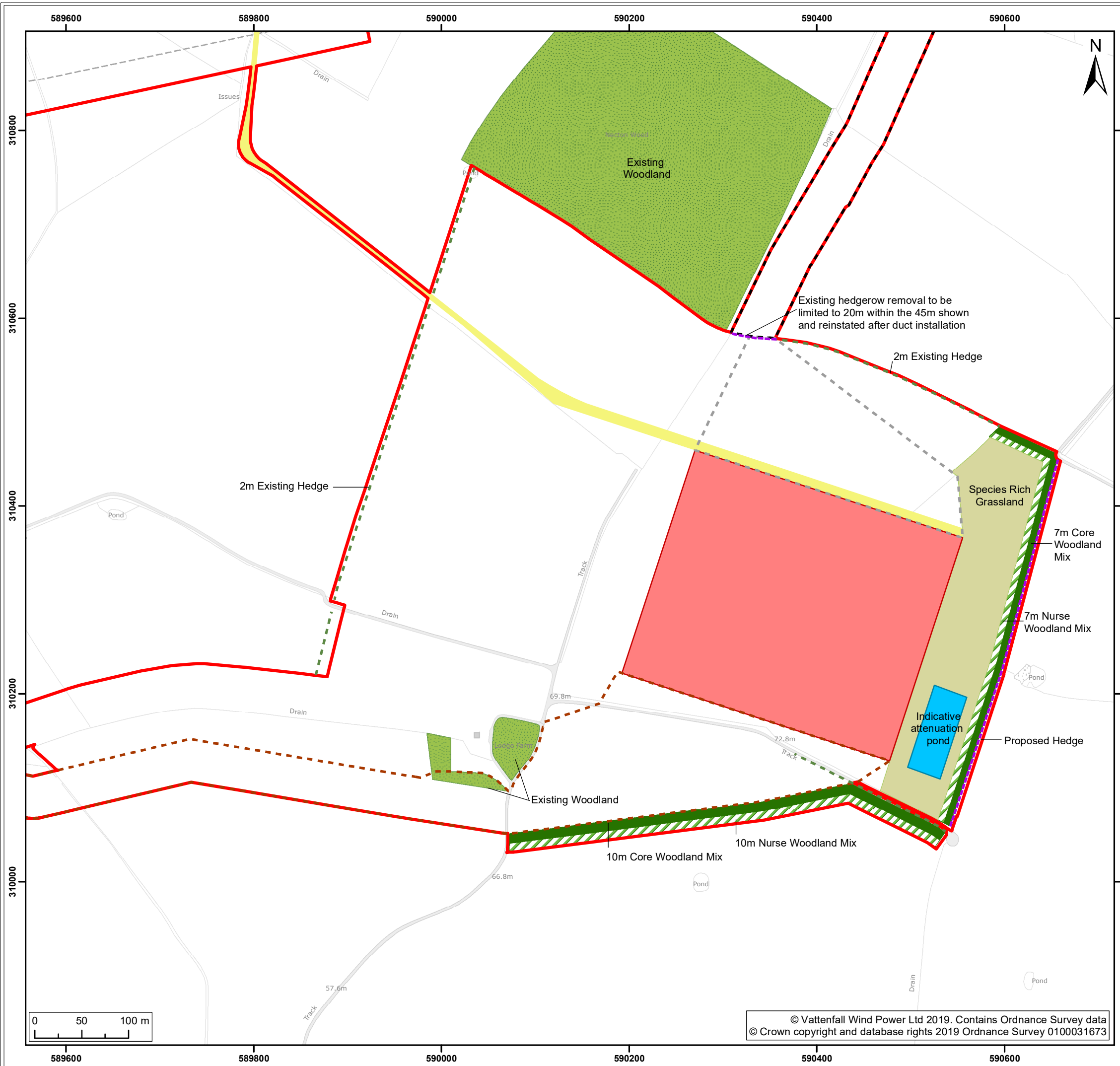
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Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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01	30/11/2018	JT	DT	A3	1:450,000

Co-ordinate system: **ETRS 1989 UTM Zone 31N EPSG: 25831**

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**Legend:**

- Norfolk Boreas Order Limits
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- Permanent access
- Onshore project substation
- Existing vegetation**
- Existing woodland
- Existing hedgerow
- Proposed mitigation area**
- Proposed core woodland
- Proposed nurse woodland
- Proposed species rich grassland
- Indicative attenuation pond
- Proposed hedgerow

Project: Norfolk Boreas	Report: Design and Access Statement
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Title:  
Indicative onshore project substation mitigation planting – Scenario 1

Figure: 5	Drawing No: PB5640-007-001-005				
Revision: 03	Date: 18/11/2019	Drawn: JT	Checked: CD	Size: A3	Scale: 1:4,000
02	18/03/2019	LB	CD	A3	1:4,000

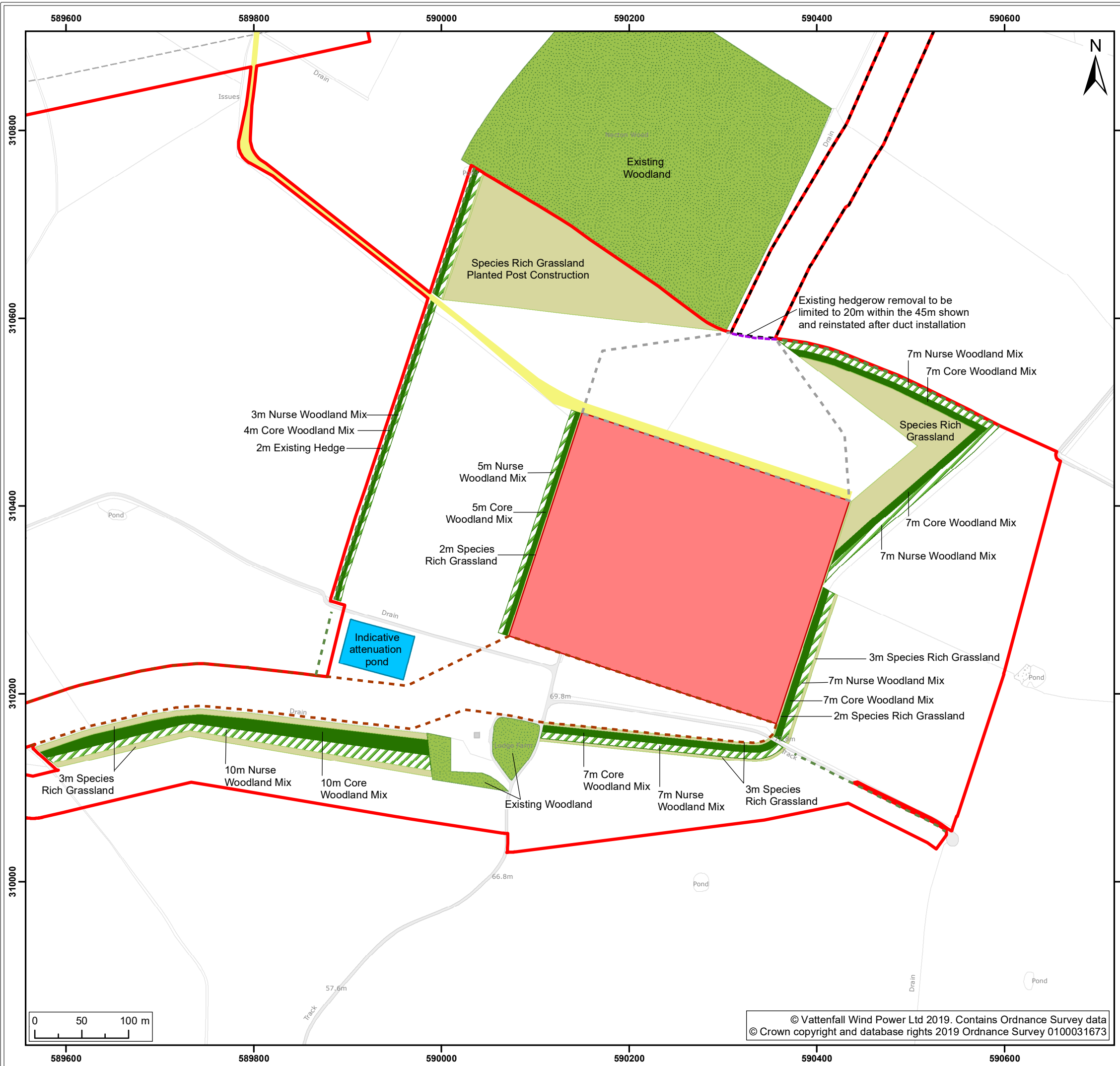
Co-ordinate system: British National Grid EPSG: 27700

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**Legend:**

- Norfolk Boreas Order Limits
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
  - Onshore cable route
  - Cable route entry to substation
  - Onshore 400kV cable route
  - Onshore project substation
  - Permanent access
- Existing vegetation**
  - Existing woodland
  - Existing hedgerow
- Proposed mitigation area**
  - Proposed core woodland
  - Proposed nurse woodland
  - Proposed species rich grassland
  - Indicative attenuation pond
  - Proposed hedgerow

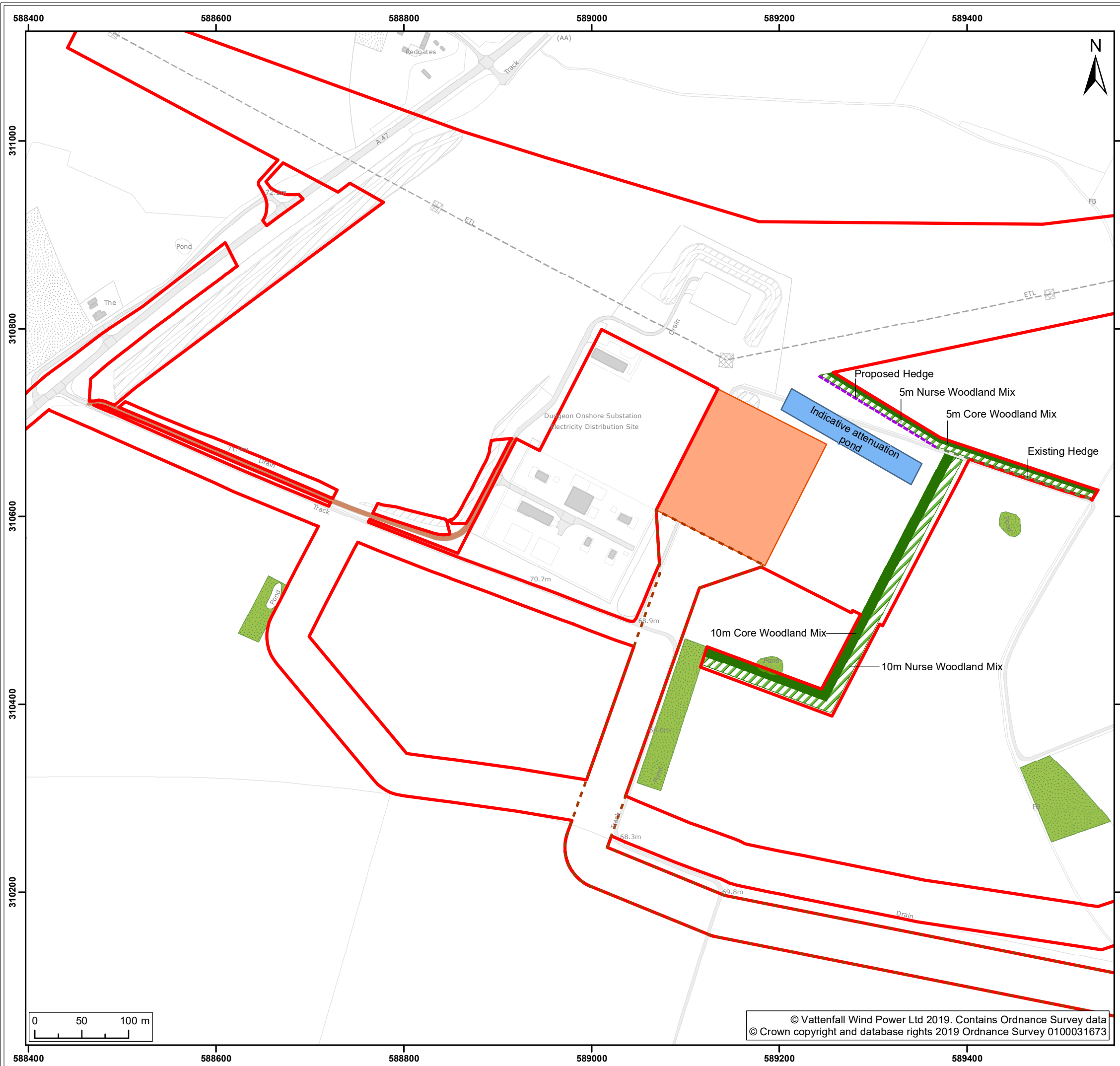
Project:	Report:
Norfolk Boreas	Design and Access Statement

Title:  
Indicative onshore project substation mitigation planting – Scenario 2

Figure: 6	Drawing No: PB5640-007-001-006				
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02	18/03/2019	LB	CD	A3	1:4,000

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**Legend:**

- Norfolk Boreas Order Limits

**Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**

- Onshore 400kV cable route
- Operational access
- National Grid substation extension

**Existing vegetation**

- Existing woodland
- Existing hedgerow

**Proposed mitigation area**

- Proposed core woodland
- Proposed nurse woodland
- Indicative National Grid attenuation pond
- Proposed hedgerow

Project: Norfolk Boreas	Report: Design and Access Statement
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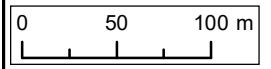
**Title:**  
Indicative National Grid substation extension mitigation planting – Scenario 1

Figure: 7	Drawing No: PB5640-007-001-007				
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**Co-ordinate system:** British National Grid **EPSG:** 27700

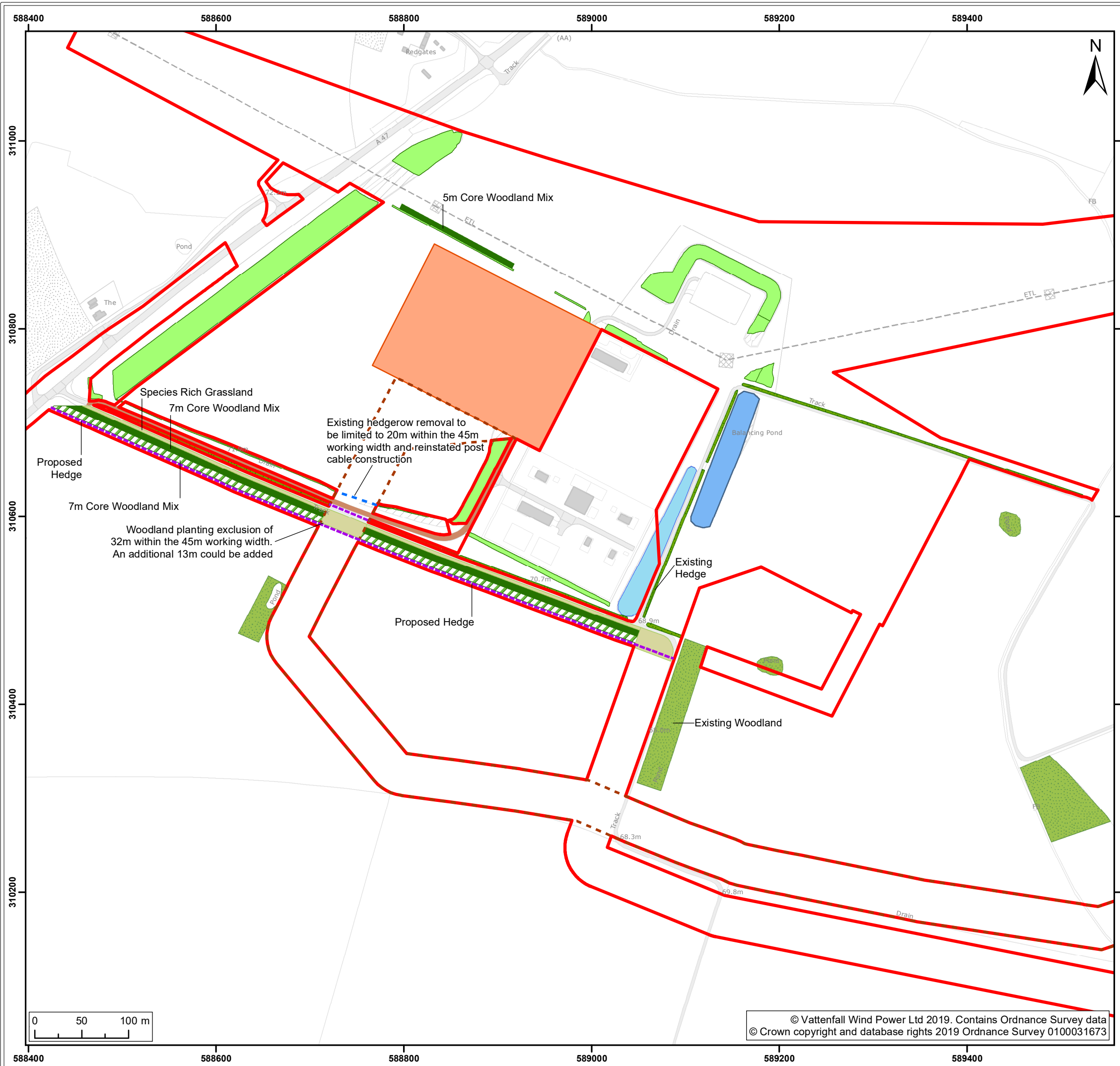
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**Legend:**

- Norfolk Boreas Order Limits
- Norfolk Boreas Onshore Project Infrastructure (Scenario 2)**
- Onshore 400kV cable route
- Operational access
- National Grid substation extension
- Existing mitigation area**
- Dudgeon hedgerow / woodland
- Existing hedgerow / woodland
- Attenuation pond
- Proposed mitigation area**
- Proposed core woodland
- Proposed nurse woodland
- Proposed species rich grassland
- National Grid attenuation pond
- Proposed hedgerow
- Replacement hedge (in areas of removal)

Project: Norfolk Boreas	Report: Design and Access Statement
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**Title:**  
Indicative National Grid substation extension mitigation planting – Scenario 2

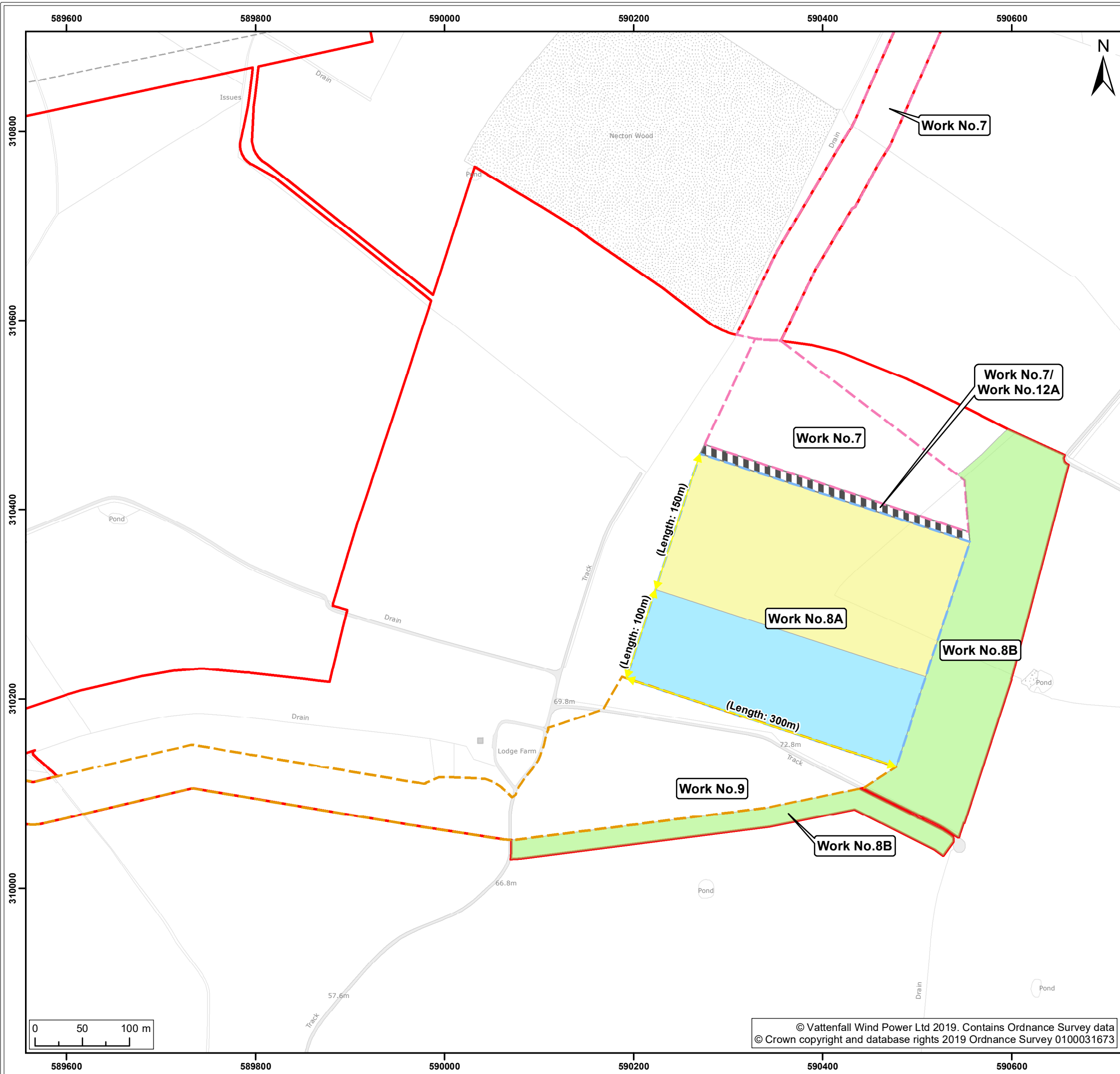
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**Co-ordinate system:** British National Grid **EPSG: 27700**

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- Legend:**
- Norfolk Boreas Order Limits
  - Work No.7
  - Work No.7/Work No.12A
  - Work No.8A
  - Work No.8B
  - Work No.9

- Onshore project substation zones**
- Northern zone – Zone containing the converter buildings, control buildings, lightning protection masts and some outside electrical equipment
  - Southern zone - Zone containing outside electrical equipment

Note: Both zones may also contain fencing, access roads, hardstanding and below ground systems such as drainage, earth system.

Project: Norfolk Boreas	Report: Design and Access Statement
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Title:  
Illustrative Onshore Project Substation Zoning Plan – Scenario 1

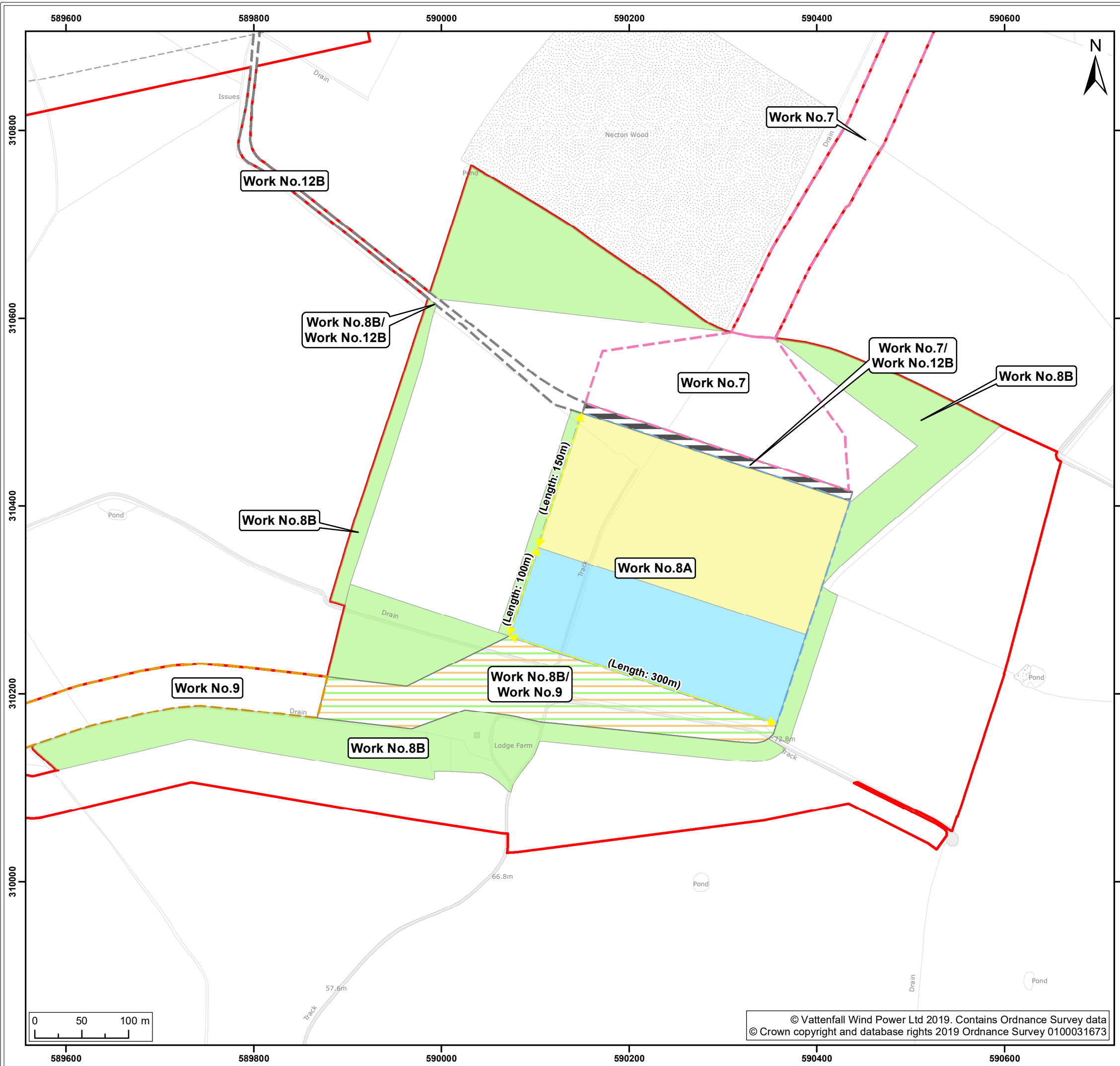
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- Legend:**
- Norfolk Boreas Order Limits
  - Work No.7
  - Work No.7/Work No.12B
  - Work No.8A
  - Work No.8B
  - Work No.8B/Work No.9
  - Work No.9
  - Work No.12B

- Onshore project substation zones**
- Northern zone – Zone containing the converter buildings, control buildings, lightning protection masts and some outside electrical equipment
  - Southern zone - Zone containing outside electrical equipment

Note: Both zones may also contain fencing, access roads, hardstanding and below ground systems such as drainage, earth system.

Project: Norfolk Boreas	Report: Design and Access Statement
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Title:  
Illustrative Onshore Project Substation Zoning Plan – Scenario 2

Figure: 10	Drawing No: PB5640-007-001-010				
Revision: 02	Date: 21/02/2020	Drawn: JT	Checked: CD	Size: A3	Scale: 1:4,000
01	20/02/2020	JT	CD	A3	1:4,000

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