

Norfolk Boreas Offshore Wind Farm

Design and Access

Statement Figures

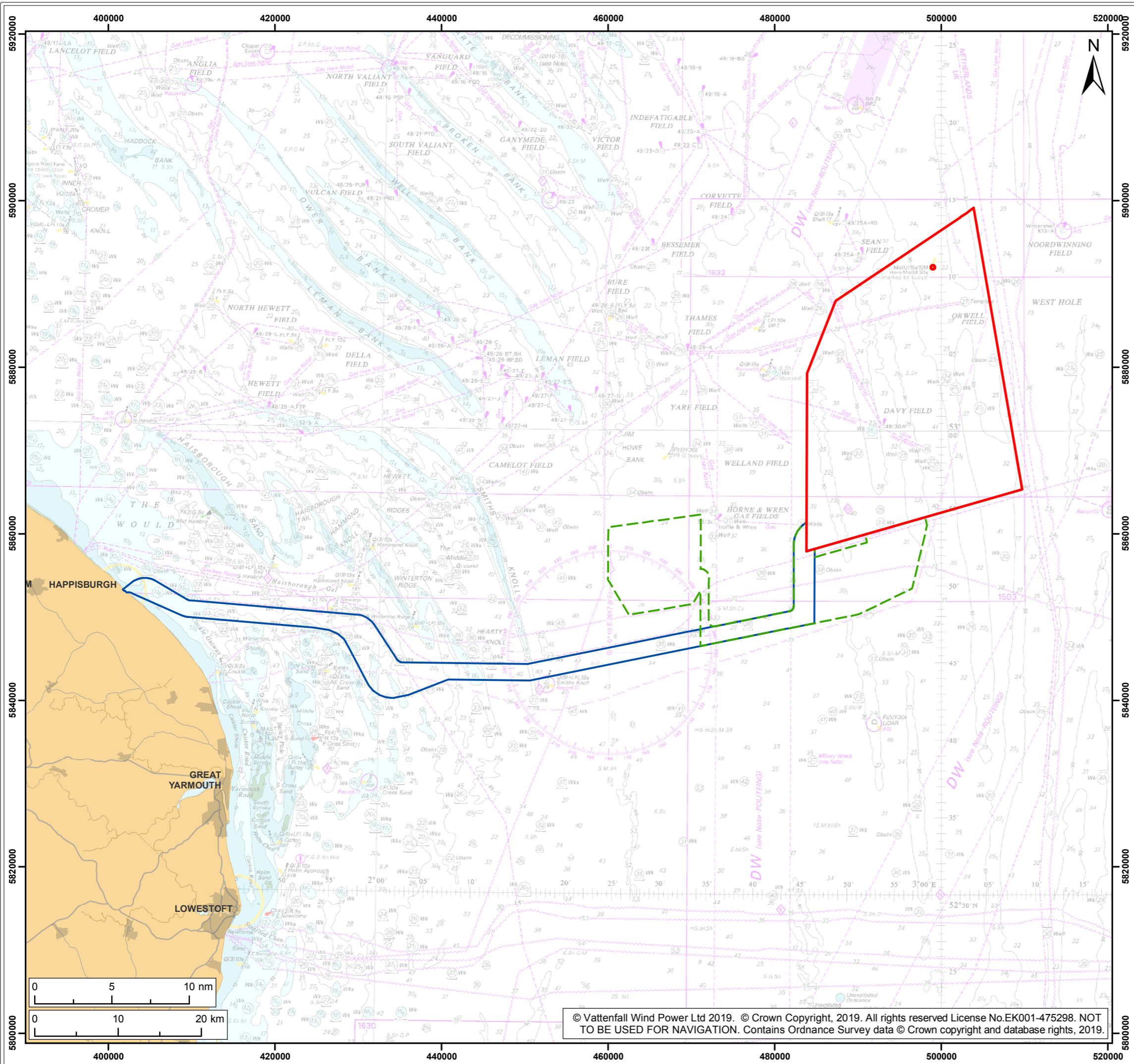
(Version 3) Part 4 of 4

DCO Document 8.3

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

Deadline 5
Revision: Version 3
Date: February 2020
Author: Royal HaskoningDHV

Photo: Ormonde Offshore Wind Farm



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

Project: Norfolk Boreas	Report: Design and Access Statement
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Title:
Offshore Project Area

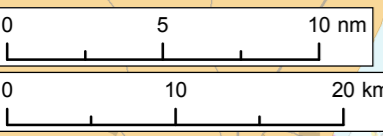
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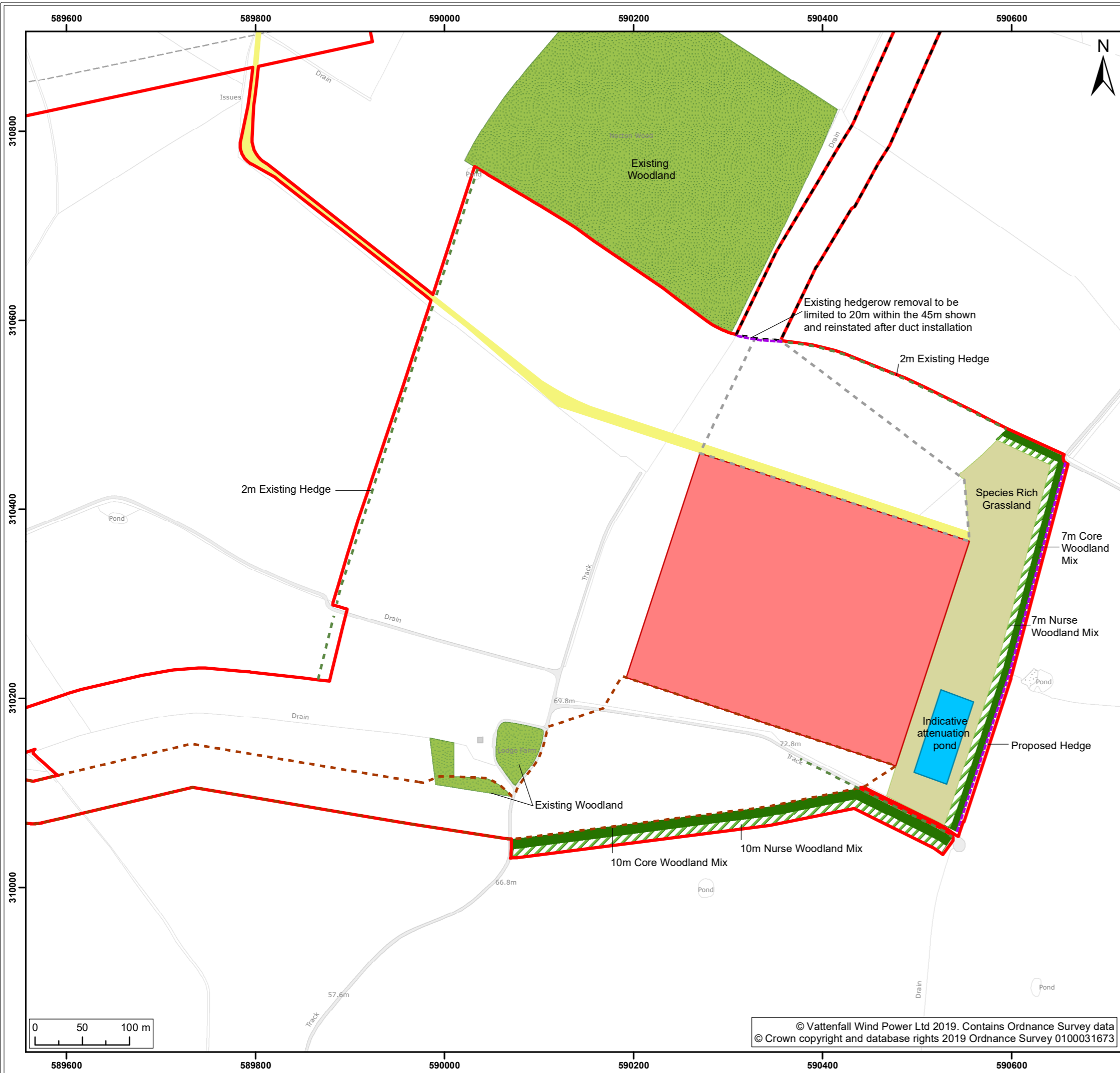
Co-ordinate system: **ETRS 1989 UTM Zone 31N EPSG: 25831**

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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

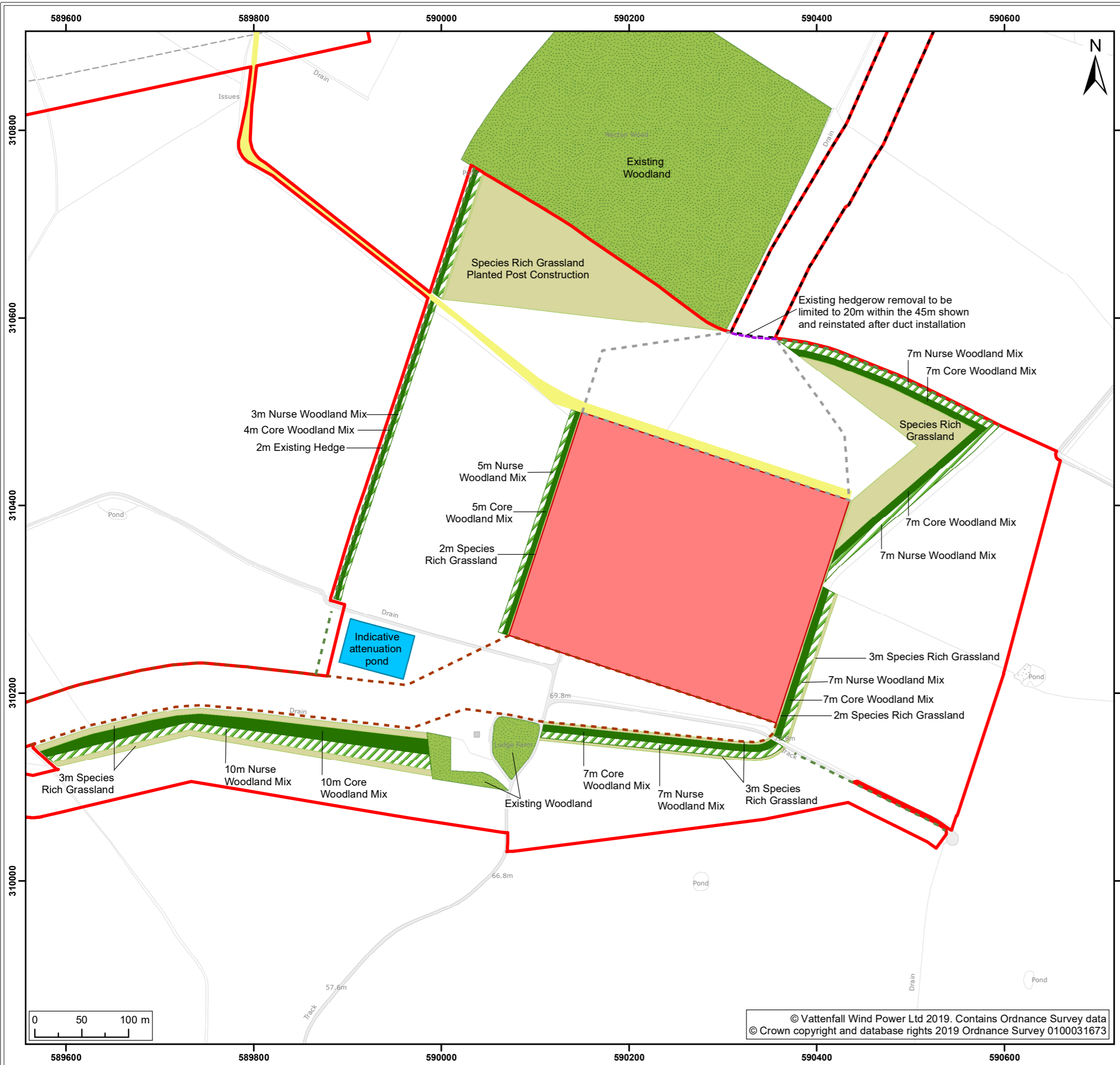
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02	18/03/2019	LB	CD	A3	1:4,000

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: Norfolk Boreas	Report: Design and Access Statement
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Title:
Indicative onshore project substation mitigation planting – Scenario 2

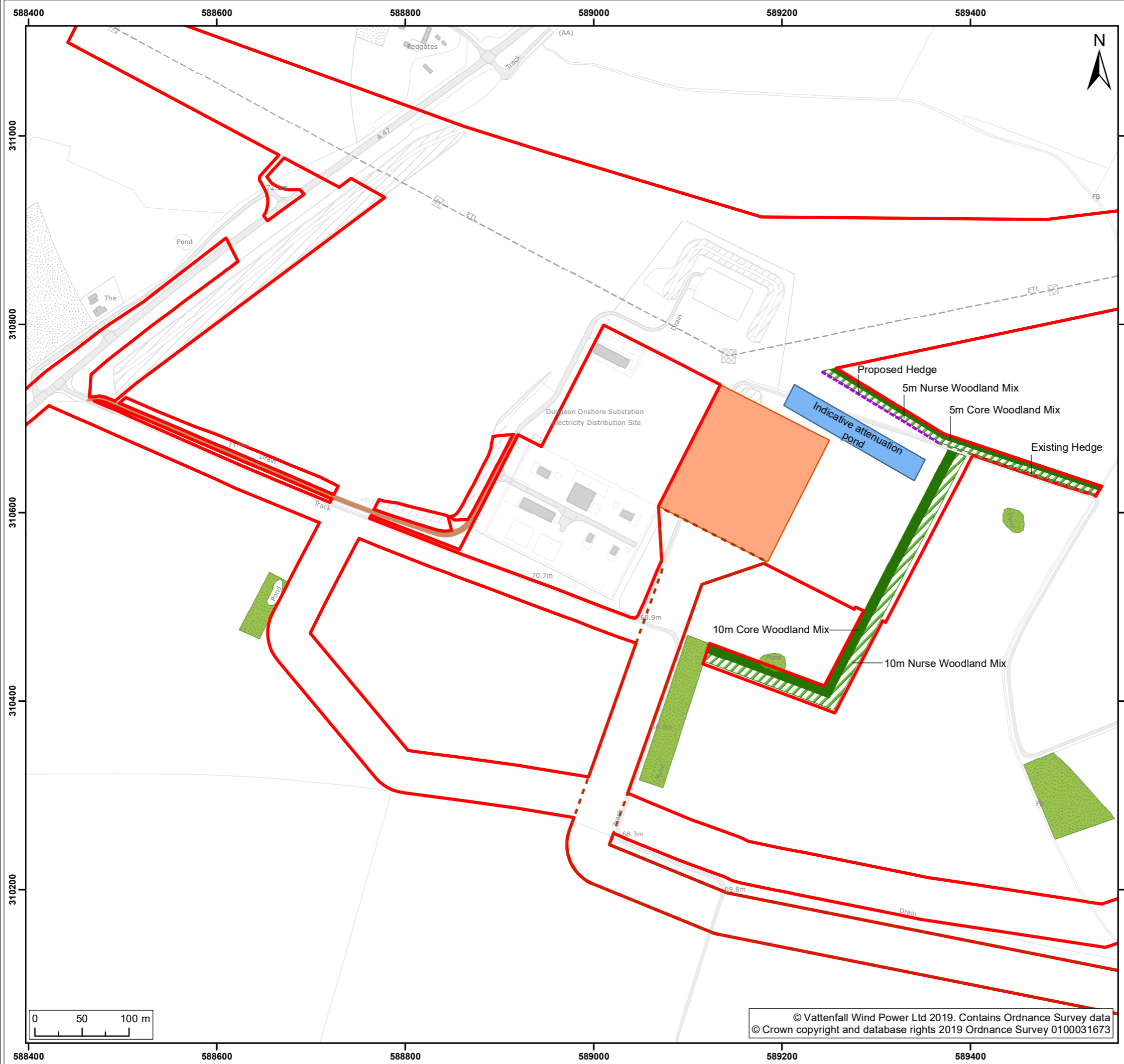
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Co-ordinate system: British National Grid **EPSG:** 27700

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Legend:

- Norfolk Boreas Order Limits
- 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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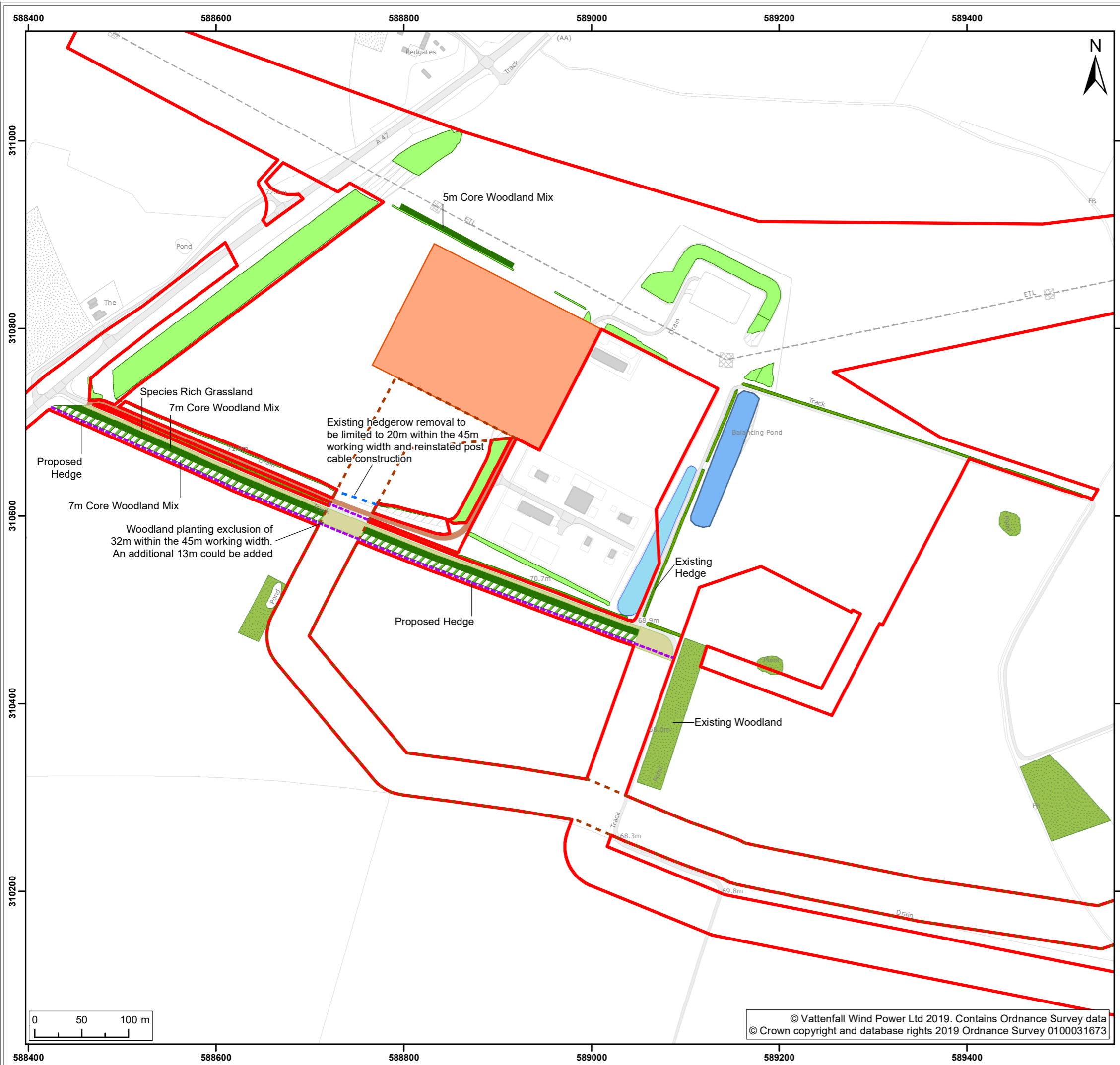
Title:
Indicative National Grid substation extension
mitigation planting – Scenario 1

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

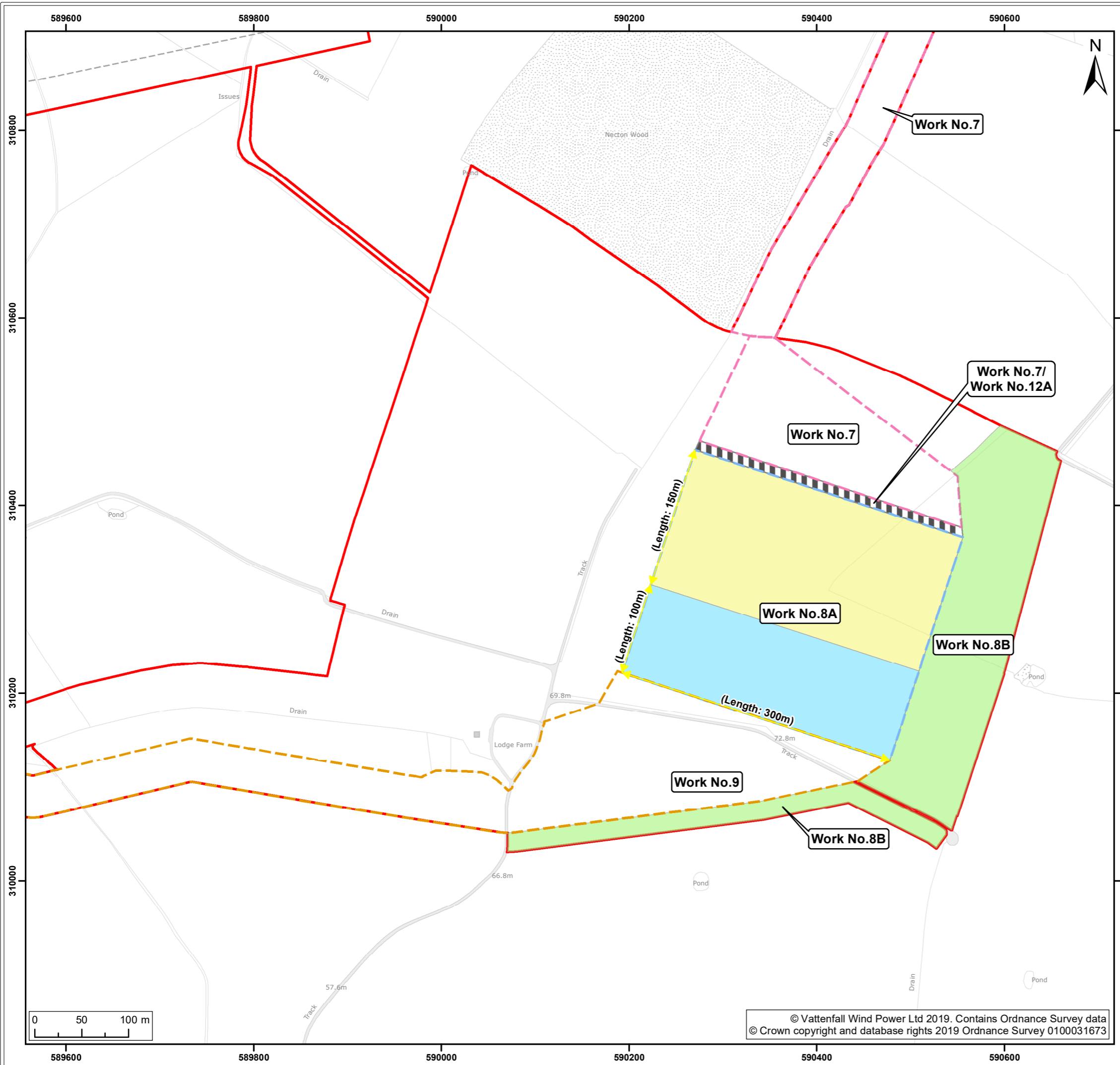
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- Legend:**
- Norfolk Boreas Order Limits
 - Work No.7
 - Work No.7/Work No.12A
 - Work No.8A
 - Work No.8B
 - Work No.9
- Onshore project substation zones**
- Northern zone – Zone containing the converter buildings, control buildings, lightning protection 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

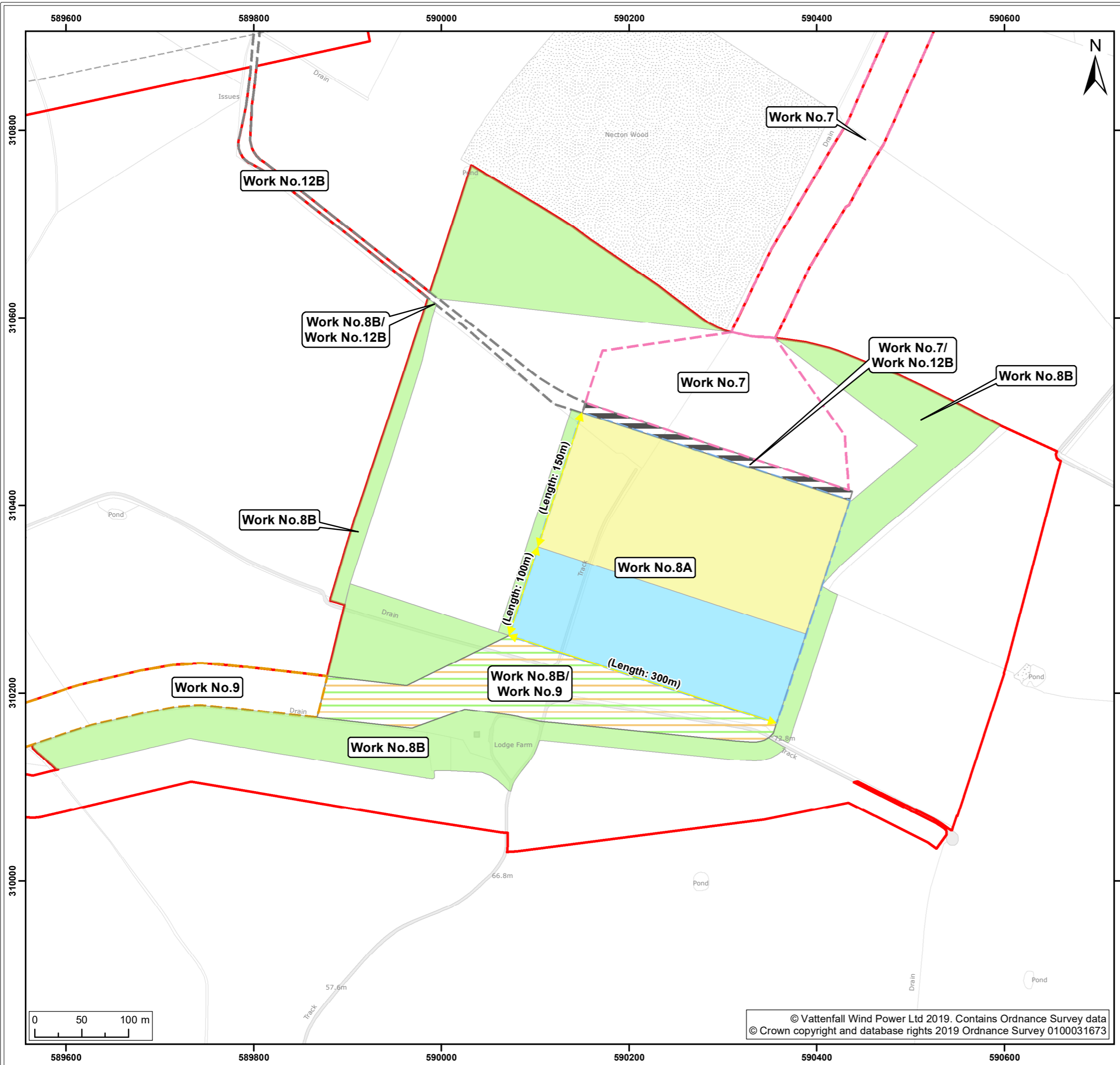
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- Legend:**
- Norfolk Boreas Order Limits
 - Work No.7
 - Work No.7/Work No.12B
 - Work No.8A
 - Work No.8B
 - Work No.8B/Work No.9
 - Work No.9
 - Work No.12B

- 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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