

Norfolk Boreas Offshore Wind Farm Design and Access Statement

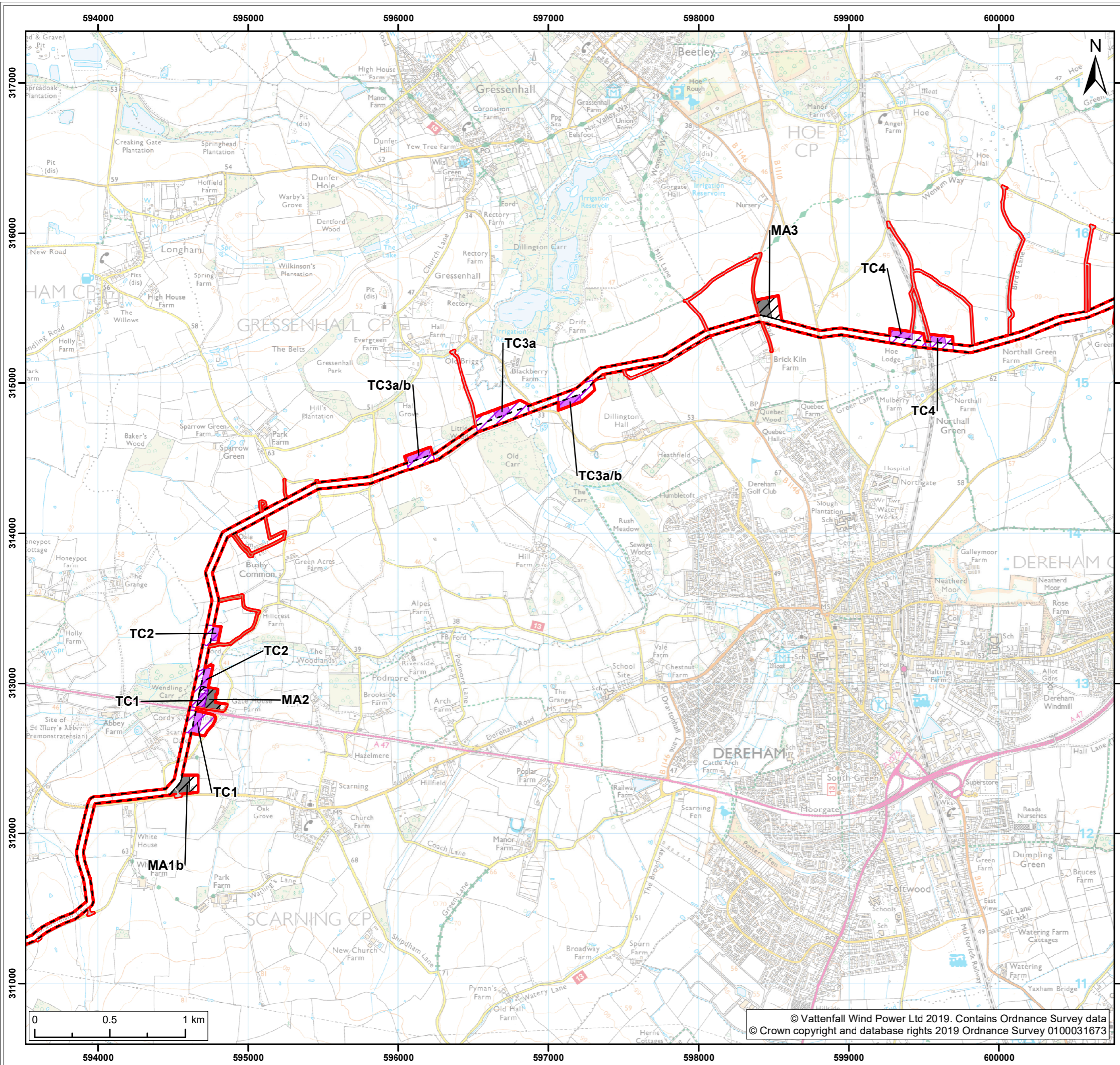
(Version 2) (Clean)
Part 3 of 3

DCO Document 8.3

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

Deadline 2
Revision: Version 2
Date: December 2019
Author: Royal HaskoningDHV

Photo: Ormonde Offshore Wind Farm



Legend:

- Norfolk Boreas Order Limits
- 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

Project: Norfolk Boreas	Report: Design and Access Statement
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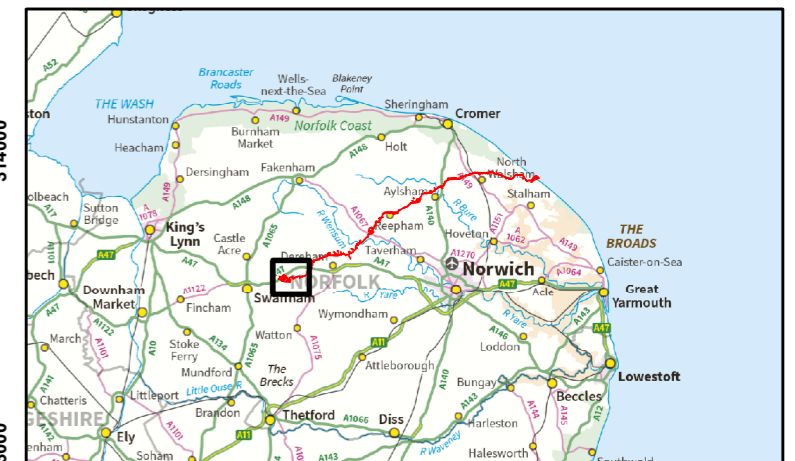
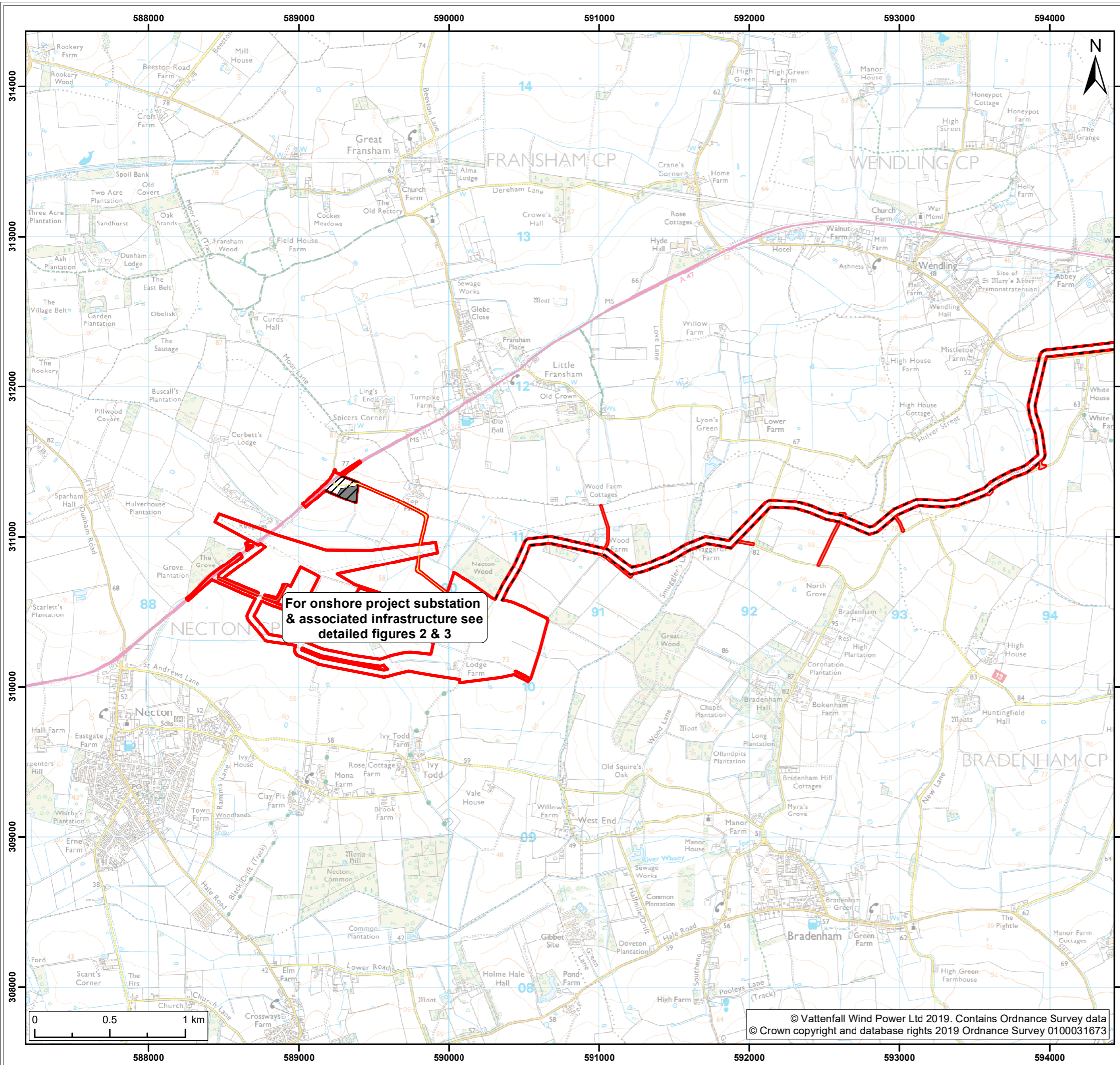
Title:
Onshore Project Area
(Map 8 of 9)

Figure: 1	Drawing No: PB5640-007-001-001				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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02	04/03/2019	JT	CD	A3	1:25,000

Co-ordinate system: British National Grid EPSG: 27700

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Legend:

- Norfolk Boreas Order Limits
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1 & 2)**
- Onshore cable route
- Mobilisation zone
- Indicative mobilisation area compound
- Construction access
- Operational access
- Permanent access

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Title:
Onshore Project Area (Map 9 of 9)

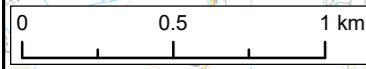
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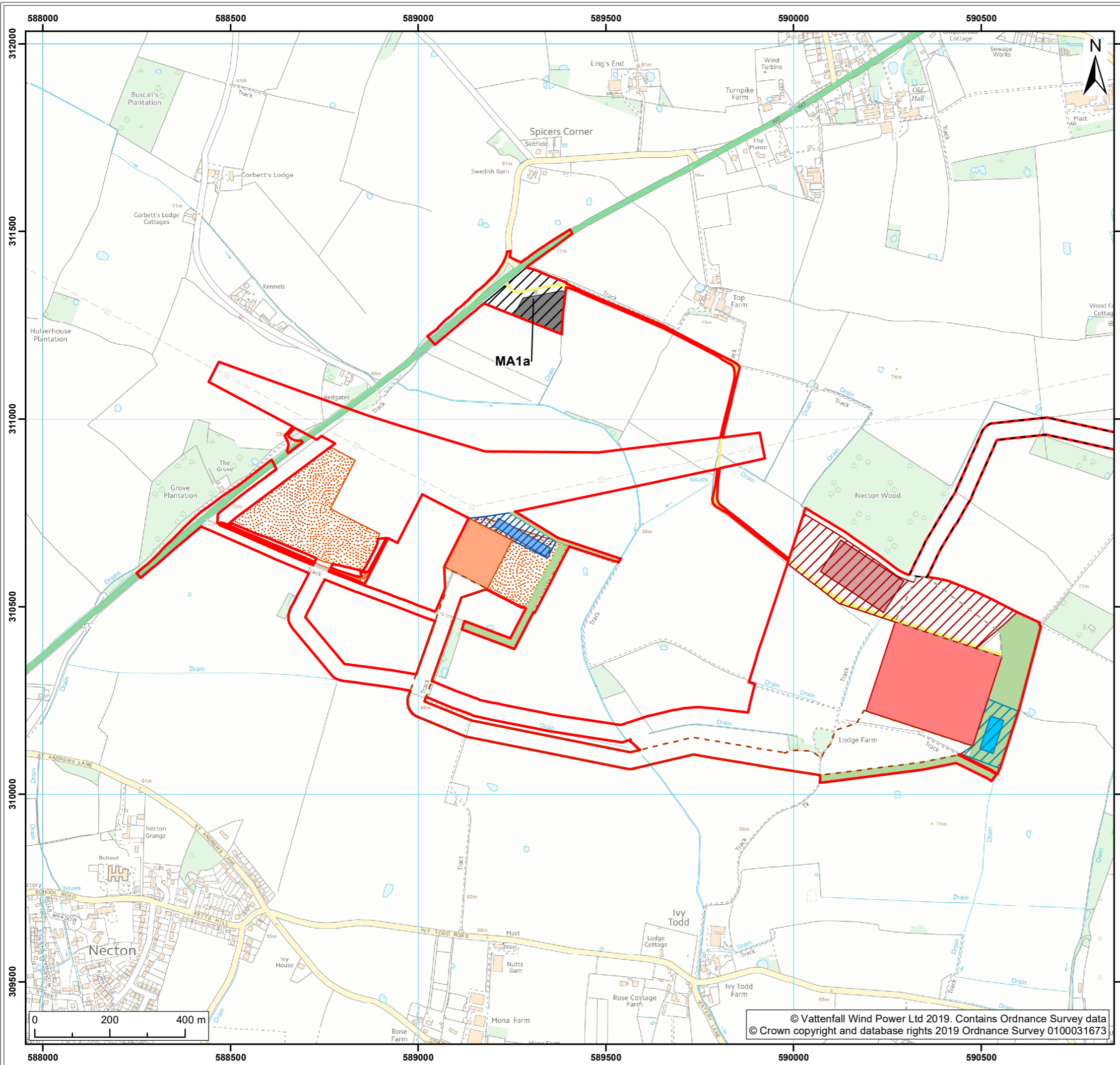
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Legend:

Norfolk Boreas Order Limits	Onshore project substation temporary construction compound zone
Norfolk Boreas Onshore Project Infrastructure (Scenario 1)	Indicative onshore project substation temporary construction compound
Onshore cable route	Attenuation pond zone
Cable route entry to substation	Indicative attenuation pond
Onshore 400kV cable route	Indicative mitigation planting
Mobilisation zone	National Grid substation extension
Indicative mobilisation area compound	National Grid temporary works
Construction access	National Grid attenuation pond location search area
Operational access	Indicative National Grid attenuation pond
Permanent access	
Onshore project substation	

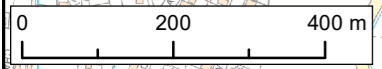
Project:	Report:
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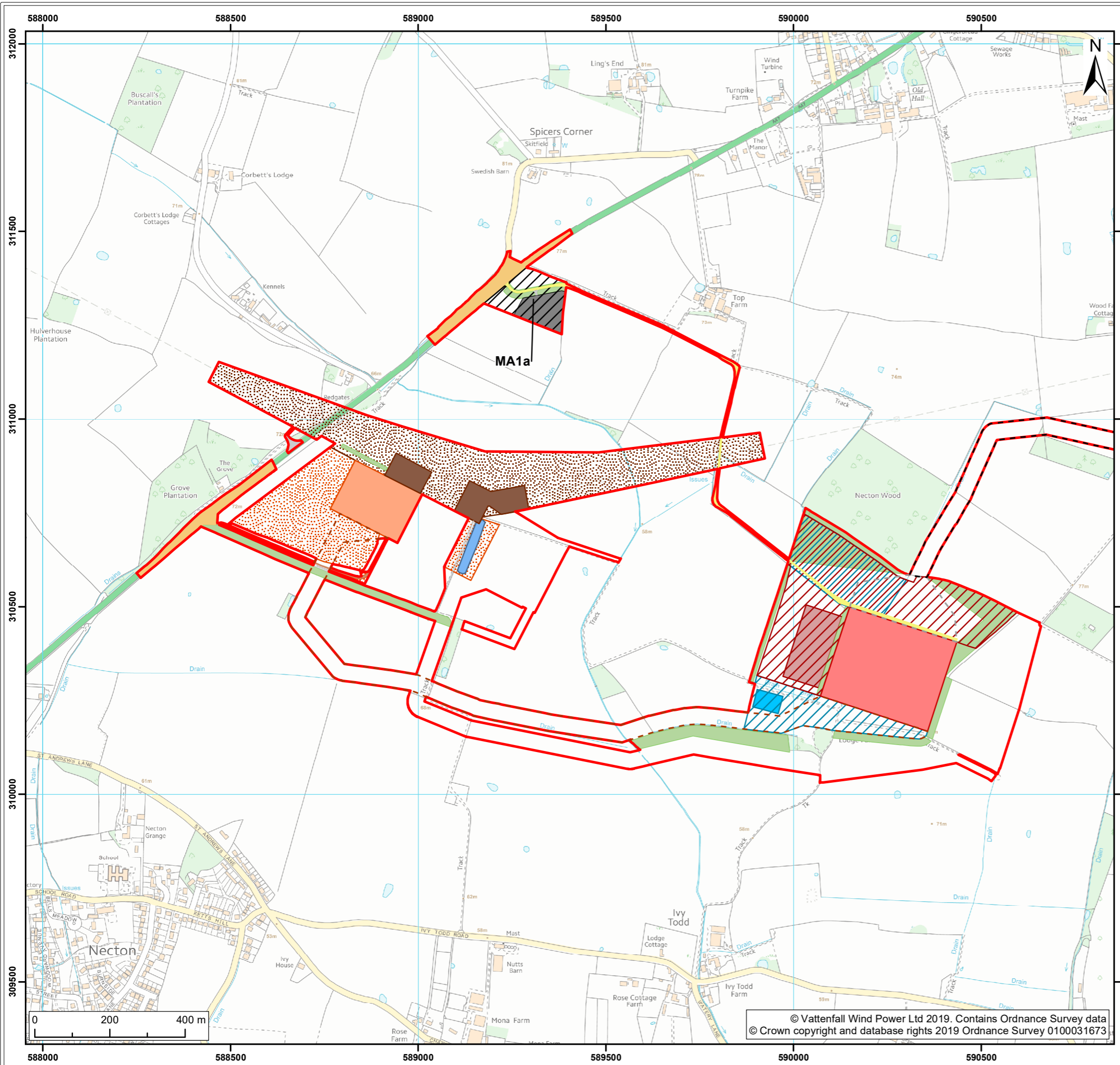
Title:
Onshore Project Substation and National Grid substation extension Scenario 1

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02	04/03/2018	JT	CD	A3	1:10,000	

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Legend:

- Norfolk Boreas Order Limits
- Onshore cable route
- Cable route entry to substation
- Onshore 400kV cable route
- Onshore project substation
- Mobilisation zone
- Indicative mobilisation area compound
- Highways temporary works area
- Construction access
- Operational access
- Permanent access
- 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 new / replacement OHL tower search area; National Grid new / replacement OHL tower
- National Grid substation extension
- National Grid temporary works
- Overhead line temporary works
- National Grid attenuation pond location search area
- National Grid attenuation pond

Project: Norfolk Boreas	Report: Design and Access Statement
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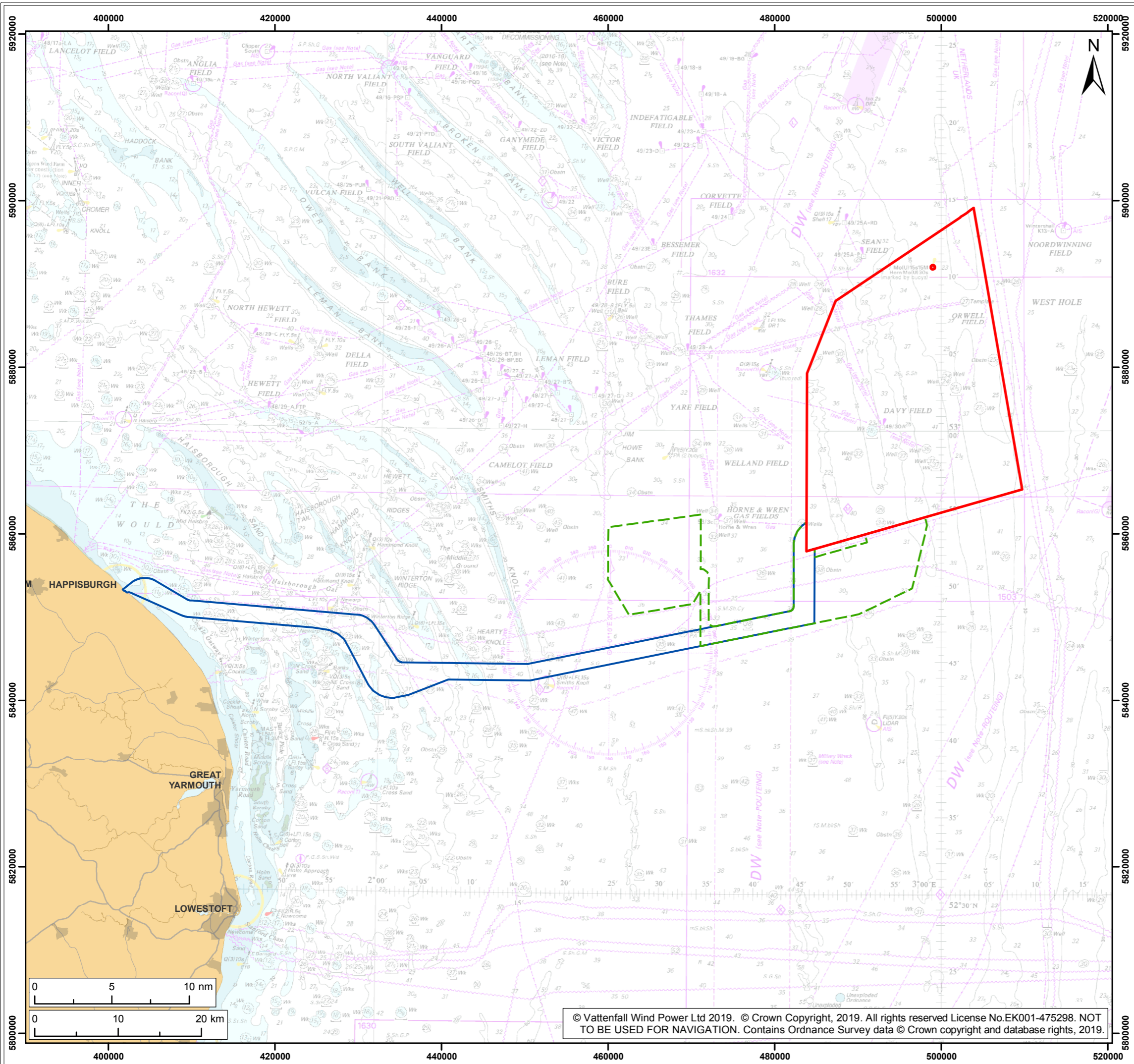
Title:
Onshore Project Substation and National Grid substation extension Scenario 2

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

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Title:
Offshore Project Area

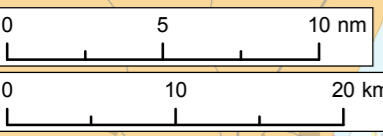
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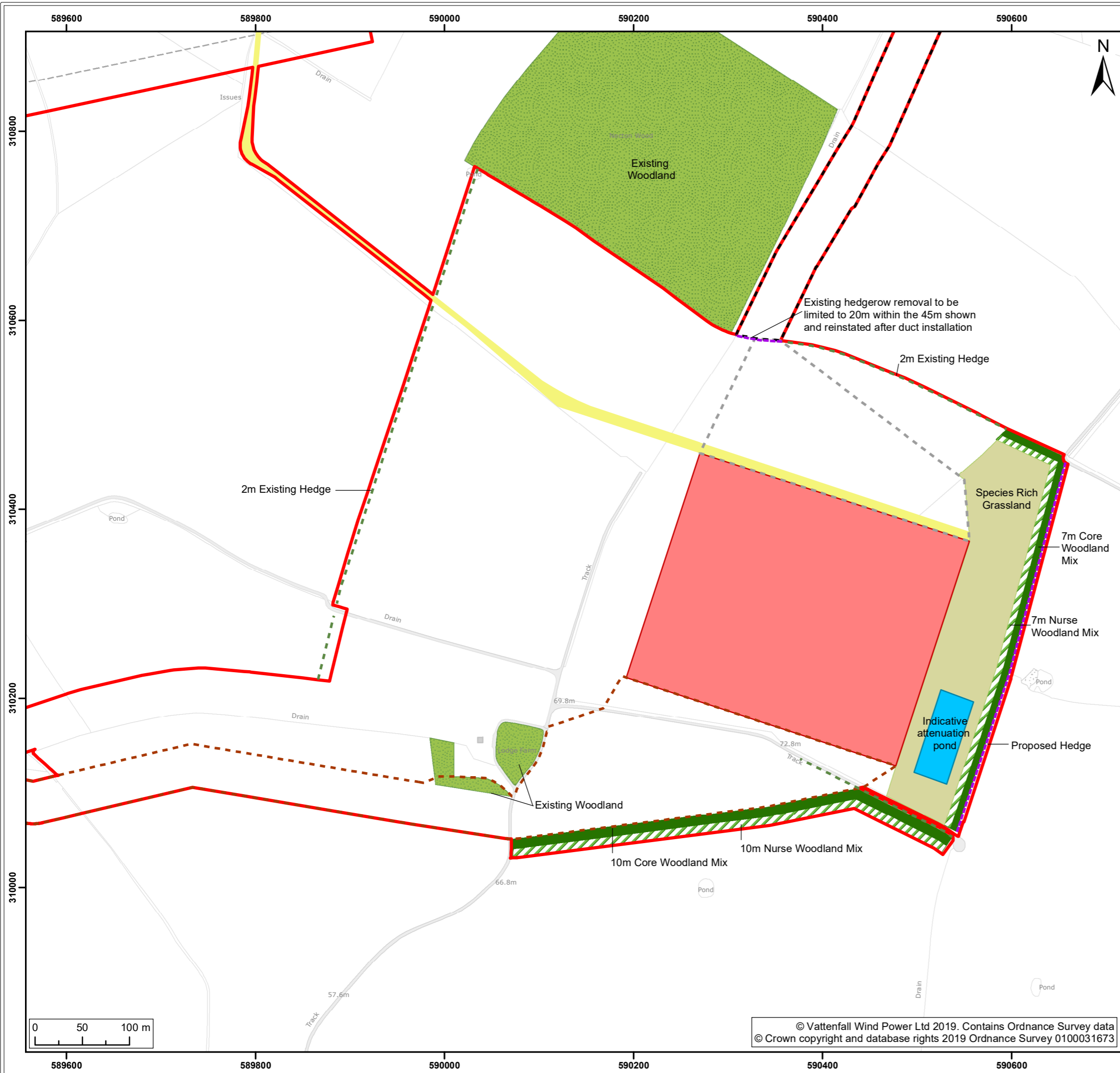
Co-ordinate system: **ETRS 1989 UTM Zone 31N EPSG: 25831**

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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

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Title:
Indicative onshore project substation mitigation planting – Scenario 1

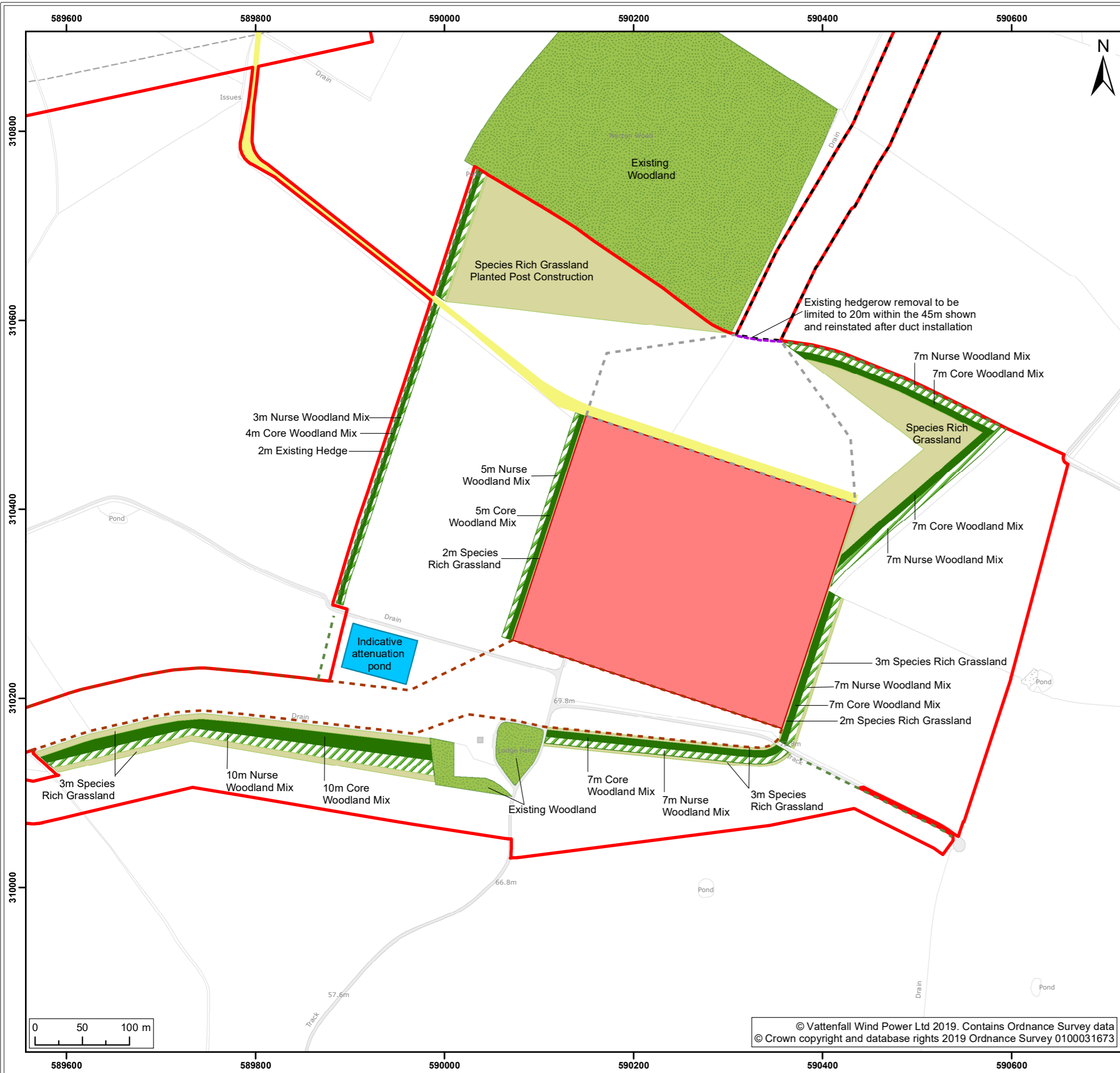
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Legend:

- 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

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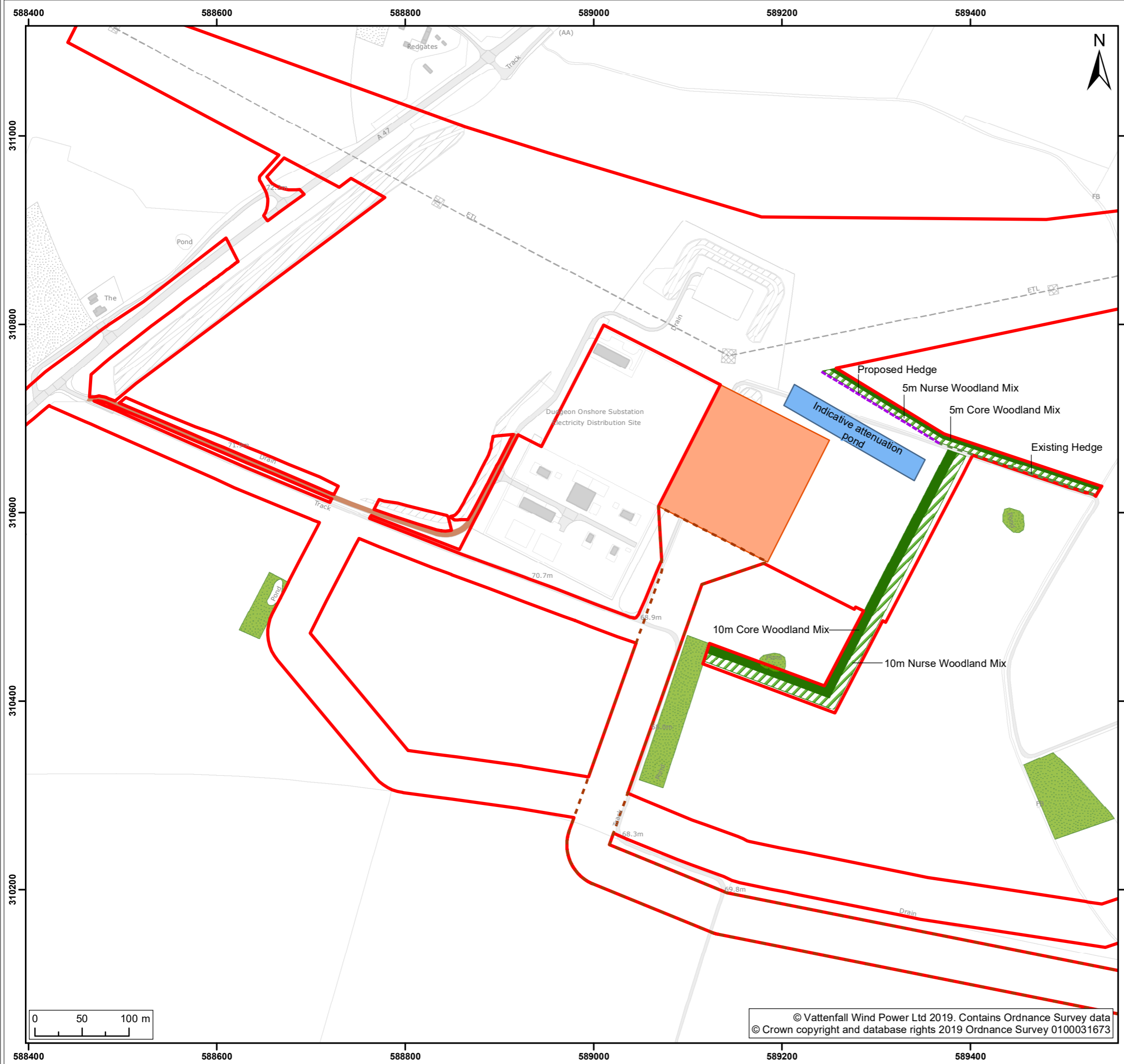
Title:
Indicative onshore project substation mitigation planting – Scenario 2

Figure: 6	Drawing No: PB5640-007-001-006				
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Legend:

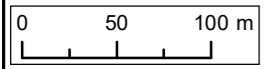
- Norfolk Boreas Order Limits
- Norfolk Boreas Onshore Project Infrastructure (Scenario 1)**
- Onshore 400kV cable route
- Operational access
- National Grid substation extension
- Existing vegetation**
- Existing woodland
- Existing hedgerow
- Proposed mitigation area**
- Proposed core woodland
- Proposed nurse woodland
- Indicative National Grid attenuation pond
- Proposed hedgerow

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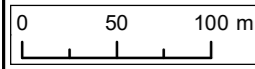
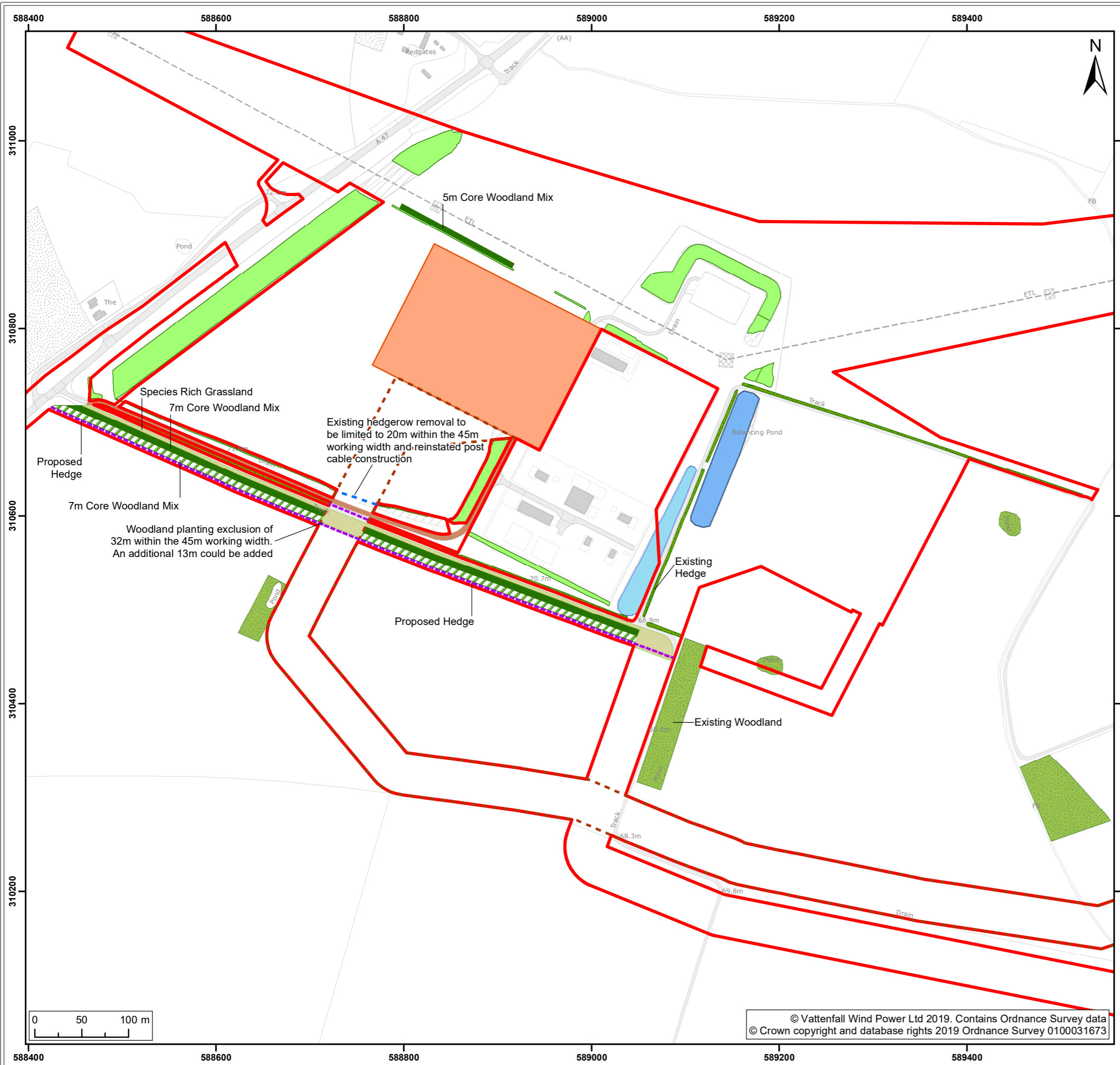
Title:
Indicative National Grid substation extension mitigation planting – Scenario 1

Figure: 7	Drawing No: PB5640-007-001-007				
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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)

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Title:
Indicative National Grid substation extension mitigation planting – Scenario 2

Figure: 8	Drawing No: PB5640-007-001-008				
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