

AENC-ARC-ENV-REP-0141

# Norwich to Tilbury

**Volume 6: Environmental Statement**

Document: 6.8.A1 Figure A8.1.1: UK Habitat Map

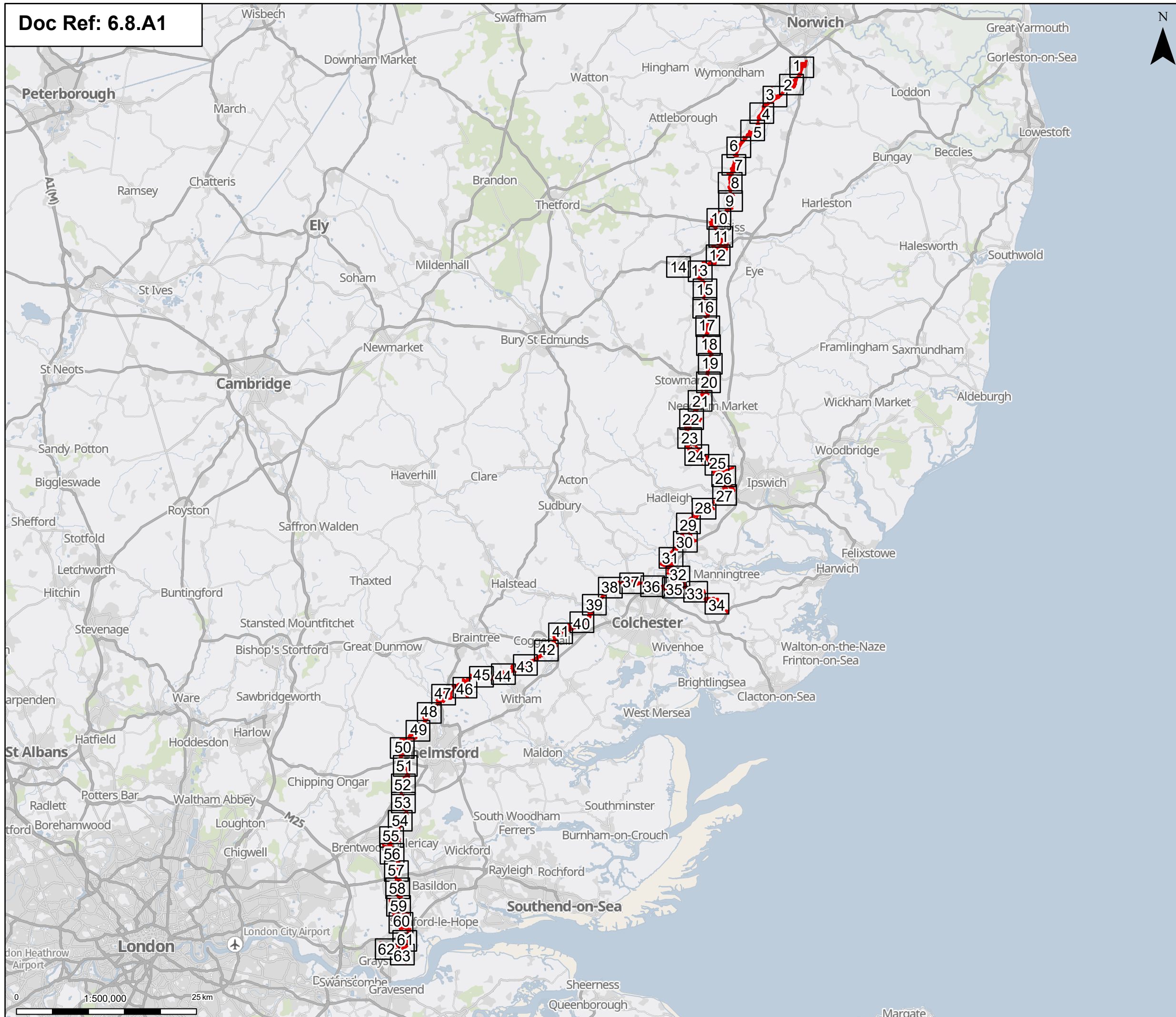
Final Issue C

May 2026

Planning Inspectorate Reference: EN020027

Infrastructure Planning (Applications: Prescribed Forms and Procedure)  
Regulations 2009 Regulation 5(2)(a)

**nationalgrid**



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Rev | Date | Description | Drawn | Check | Approv

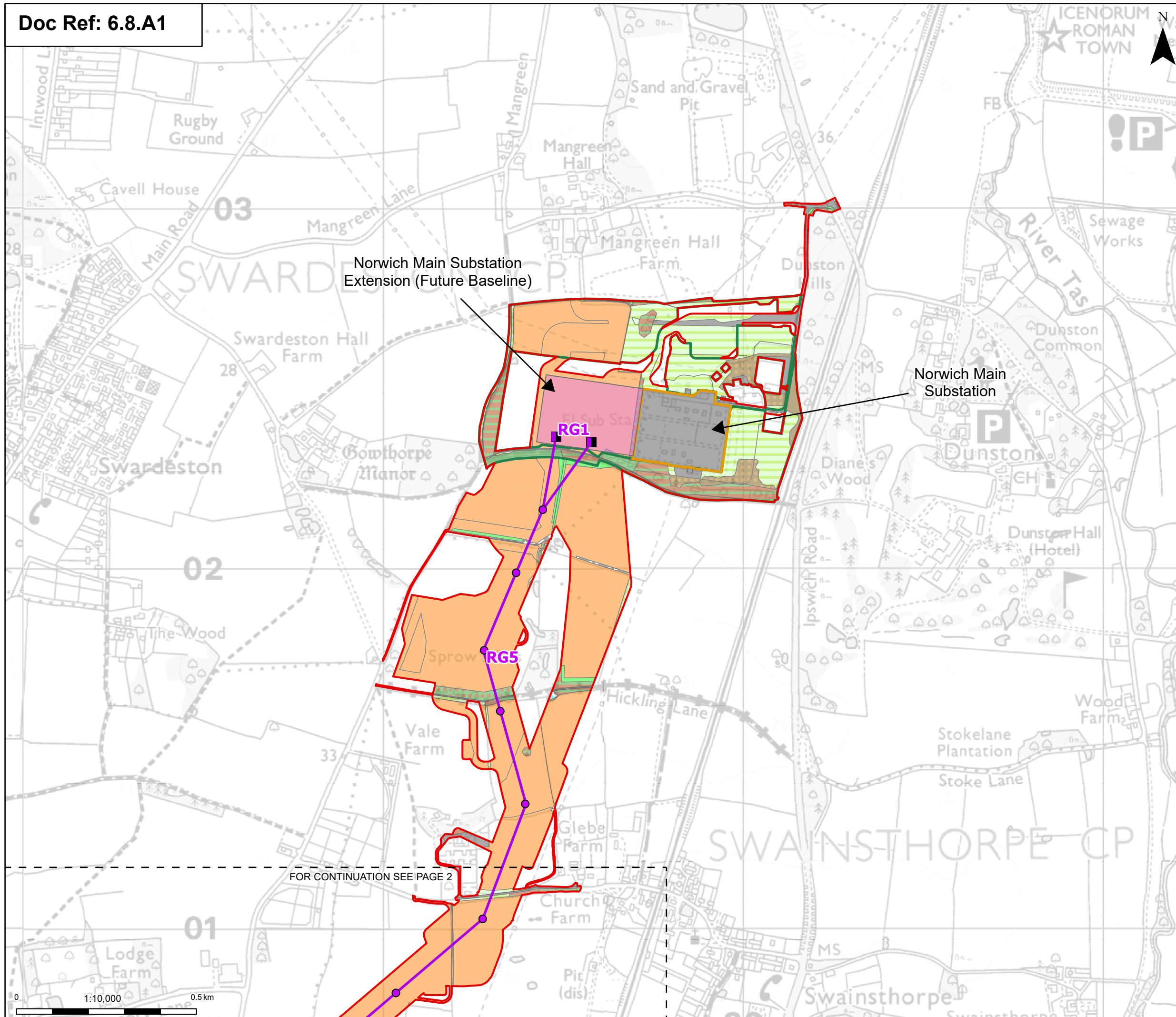
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Overview

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334		Revision: C



**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Norwich Main Substation
- Norwich Main Substation Extension (future baseline)
- Environmental area
- Cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Actively worked sand pit quarry or open cast mine
- Artificial unvegetated, unsealed surface
- Bare ground

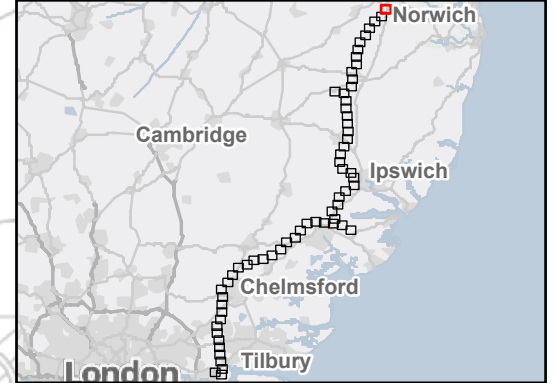
**Developed land; sealed surface**

- Vegetated garden
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

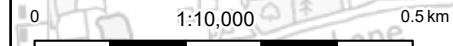
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

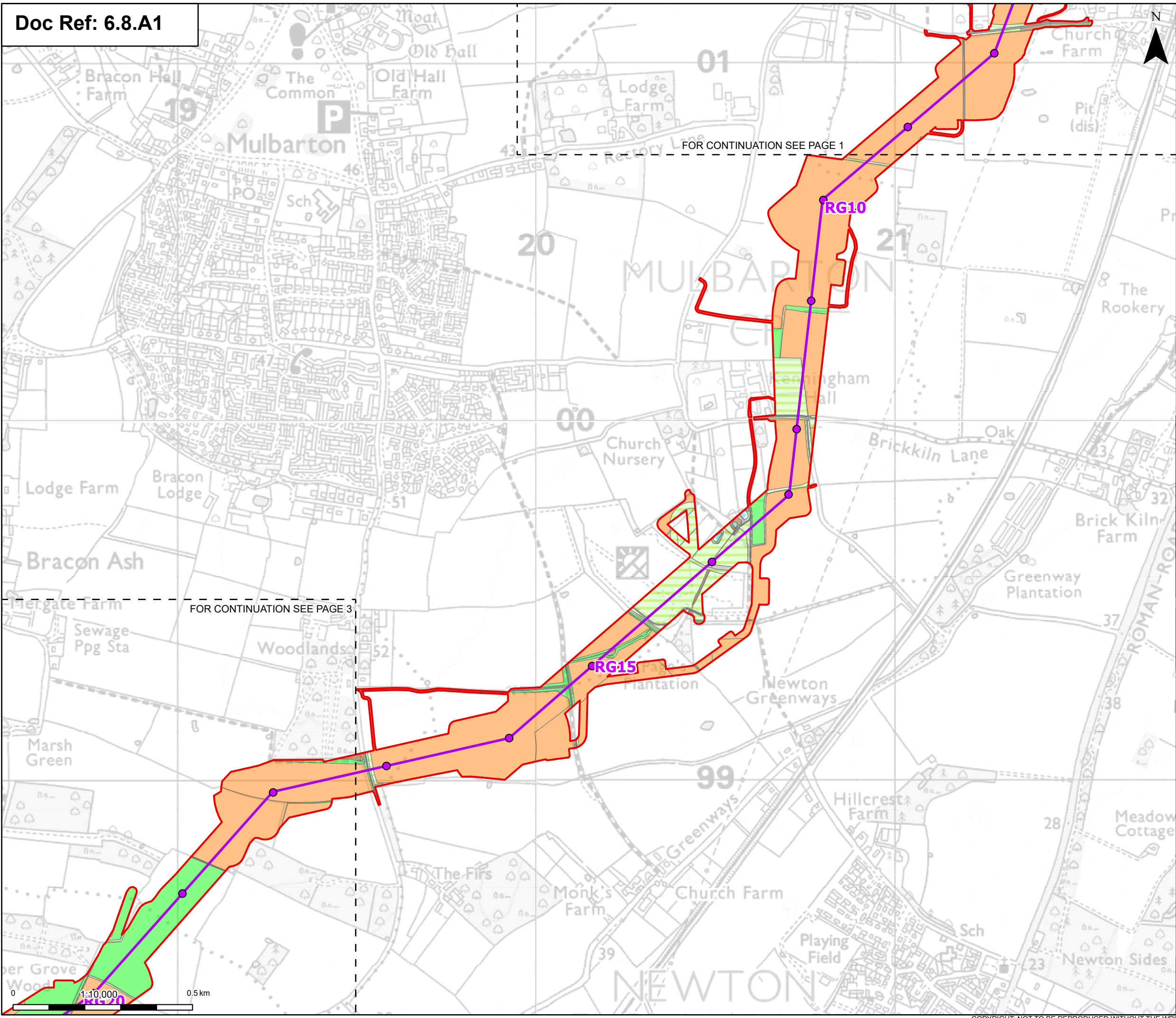
Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section A**  
 Page 1 of 63

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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Proposed project design details**

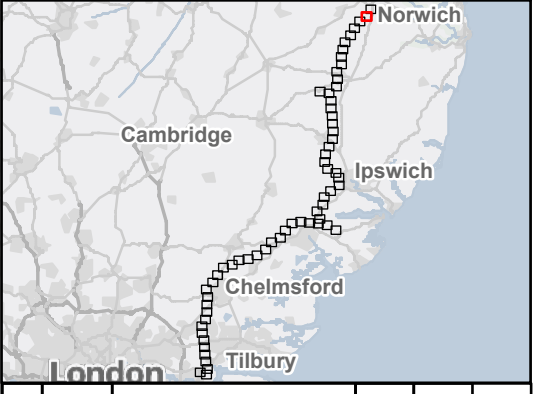
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- Proposed overhead line alignment
- Cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint

**Lowland mixed deciduous woodland**  
 Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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 Regulation 5(2)(a)&(I)(ii)

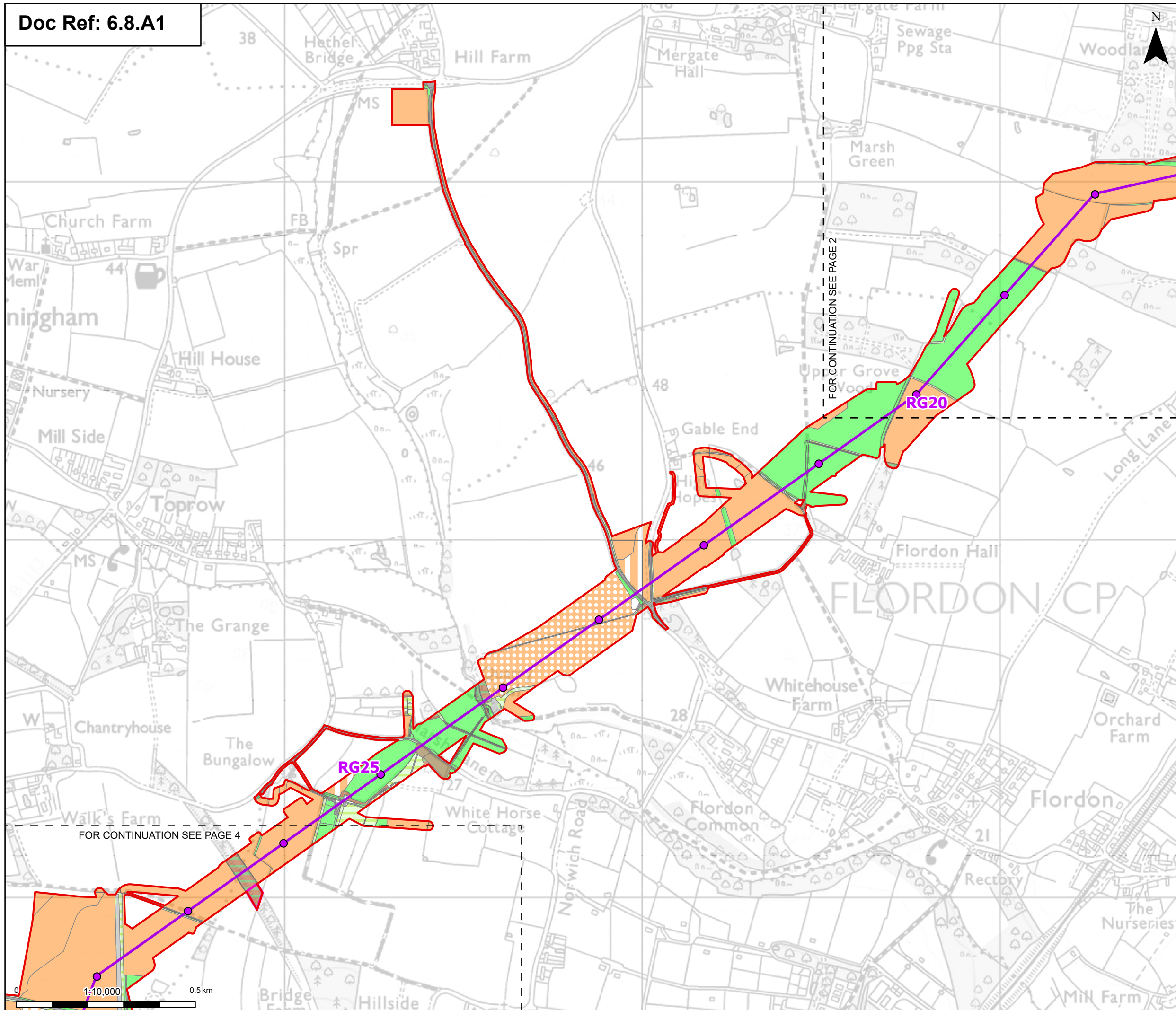
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section A  
 Page 2 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Modified grassland
- Other neutral grassland
- Blackthorn scrub
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface

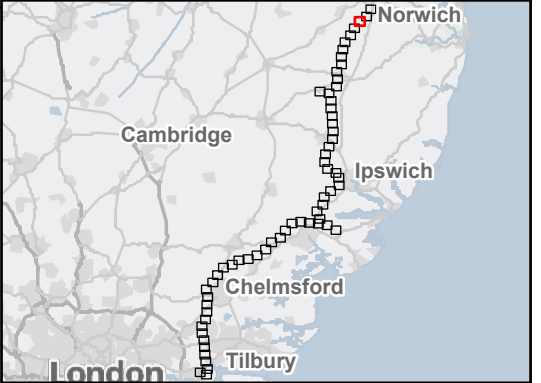
**Vegetated garden**

- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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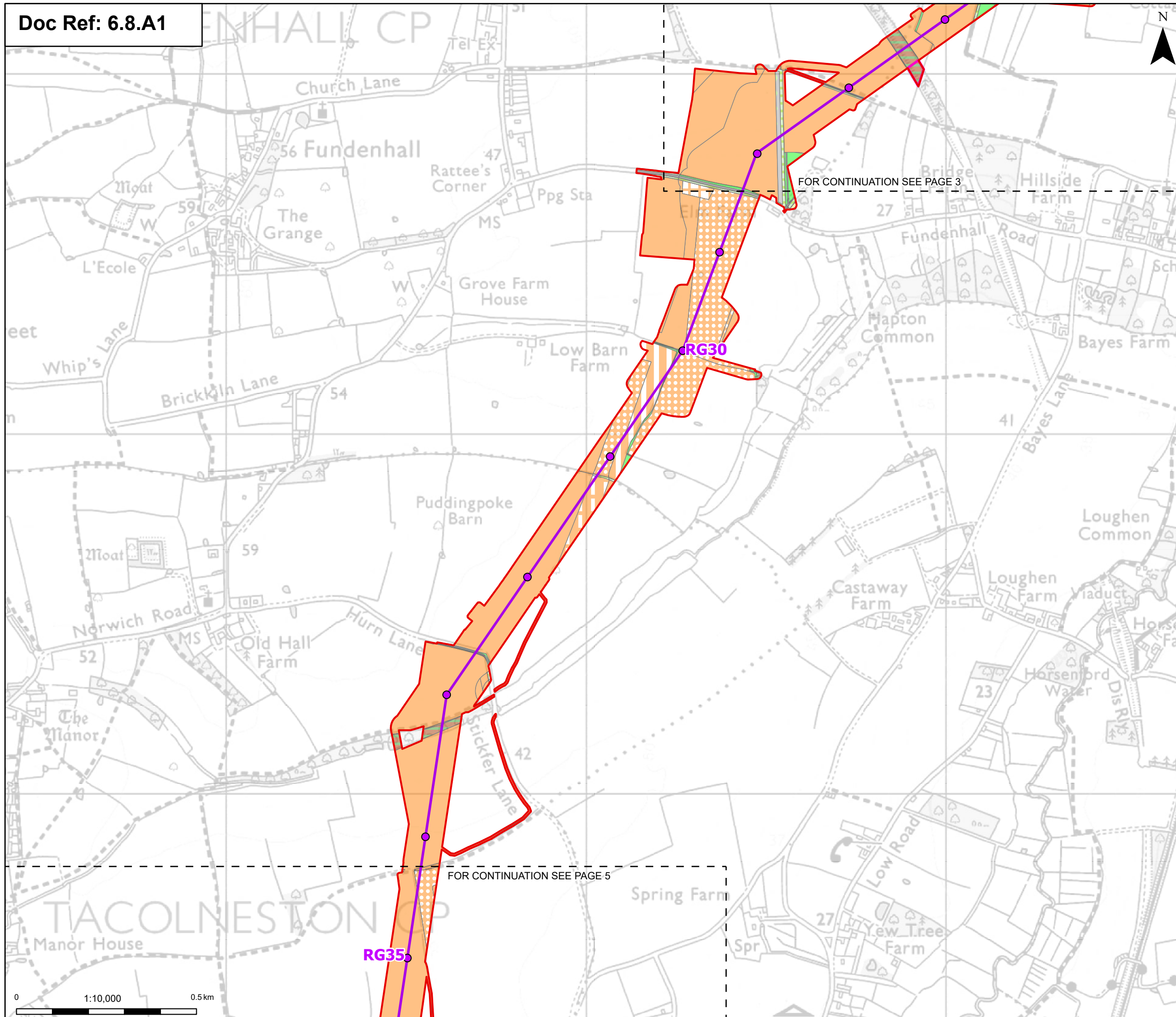
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section A**  
 Page 3 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**



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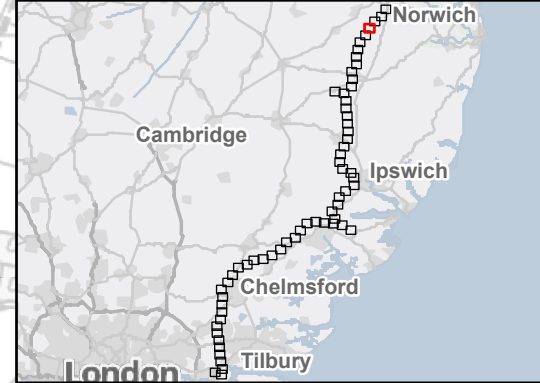
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- Proposed overhead line alignment
- Environmental mitigation
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Winter stubble
- Modified grassland
- Other neutral grassland
- Developed land; sealed surface
- Vegetated garden

Ruderal/Ephemeral  
 Watercourse footprint  
 Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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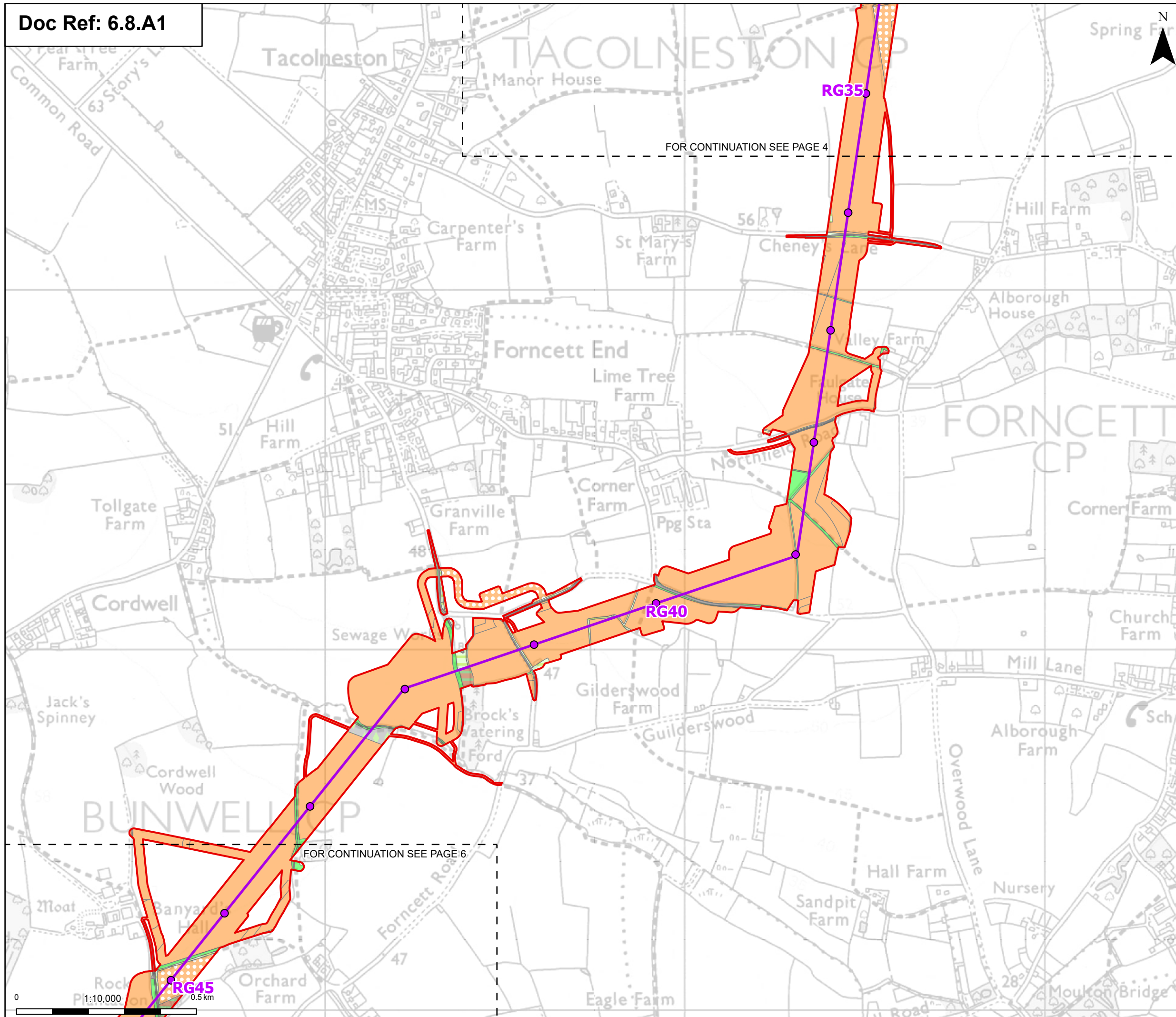
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 Page 4 of 63

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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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 10059280-ARC-EBD-ZZ-DR-ZZ-00334

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**C**



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**Proposed project design details**

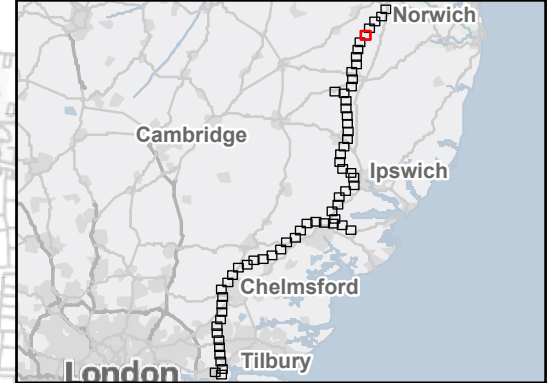
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- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)

**Watercourse footprint**  
 Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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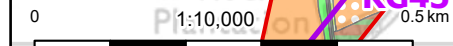
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 Section A  
 Page 5 of 63

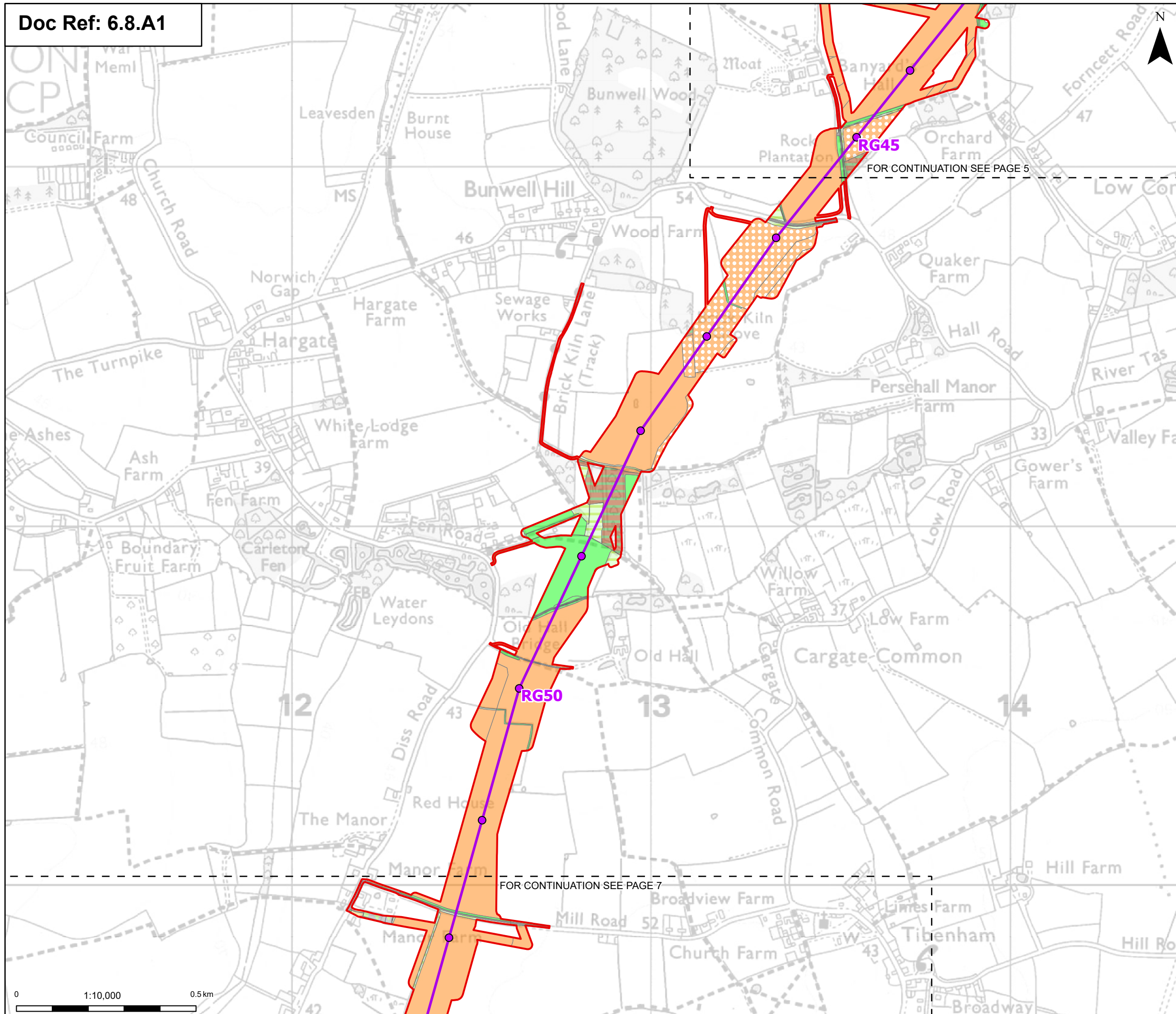
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C





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**Proposed project design details**

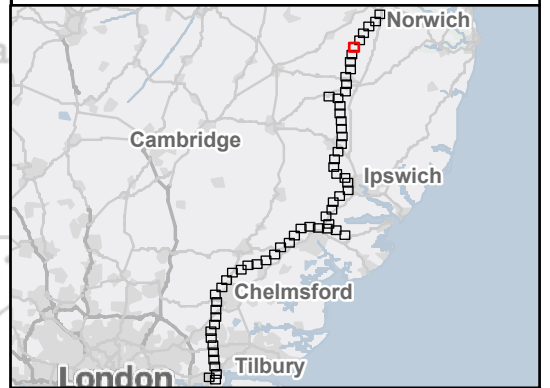
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- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)

**Watercourse footprint**  
 Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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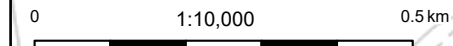
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 Section A  
 Page 6 of 63

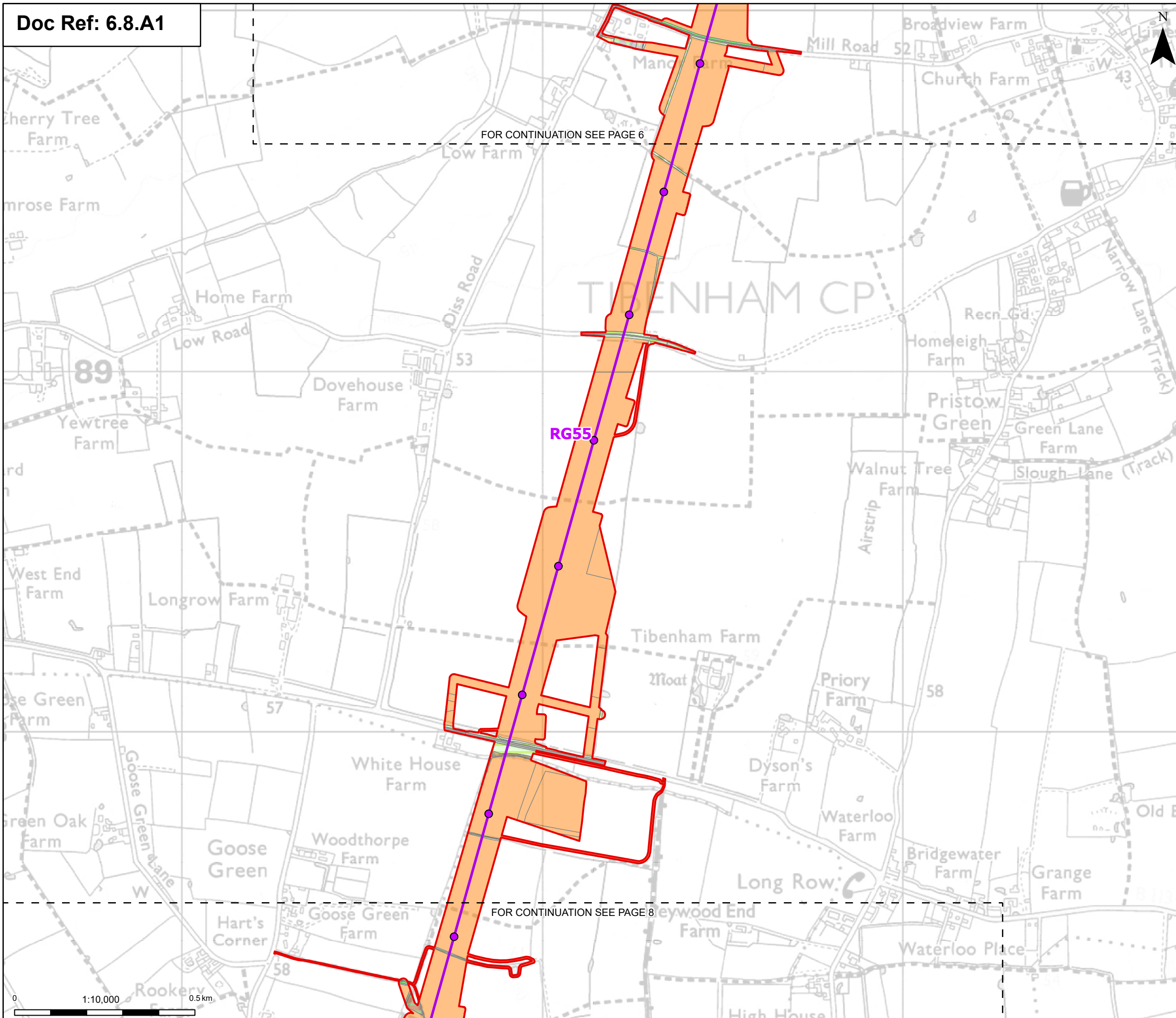
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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Drawing Number:  
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Revision:  
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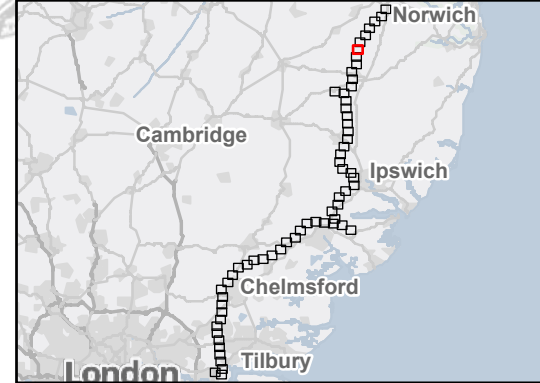
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Bare ground
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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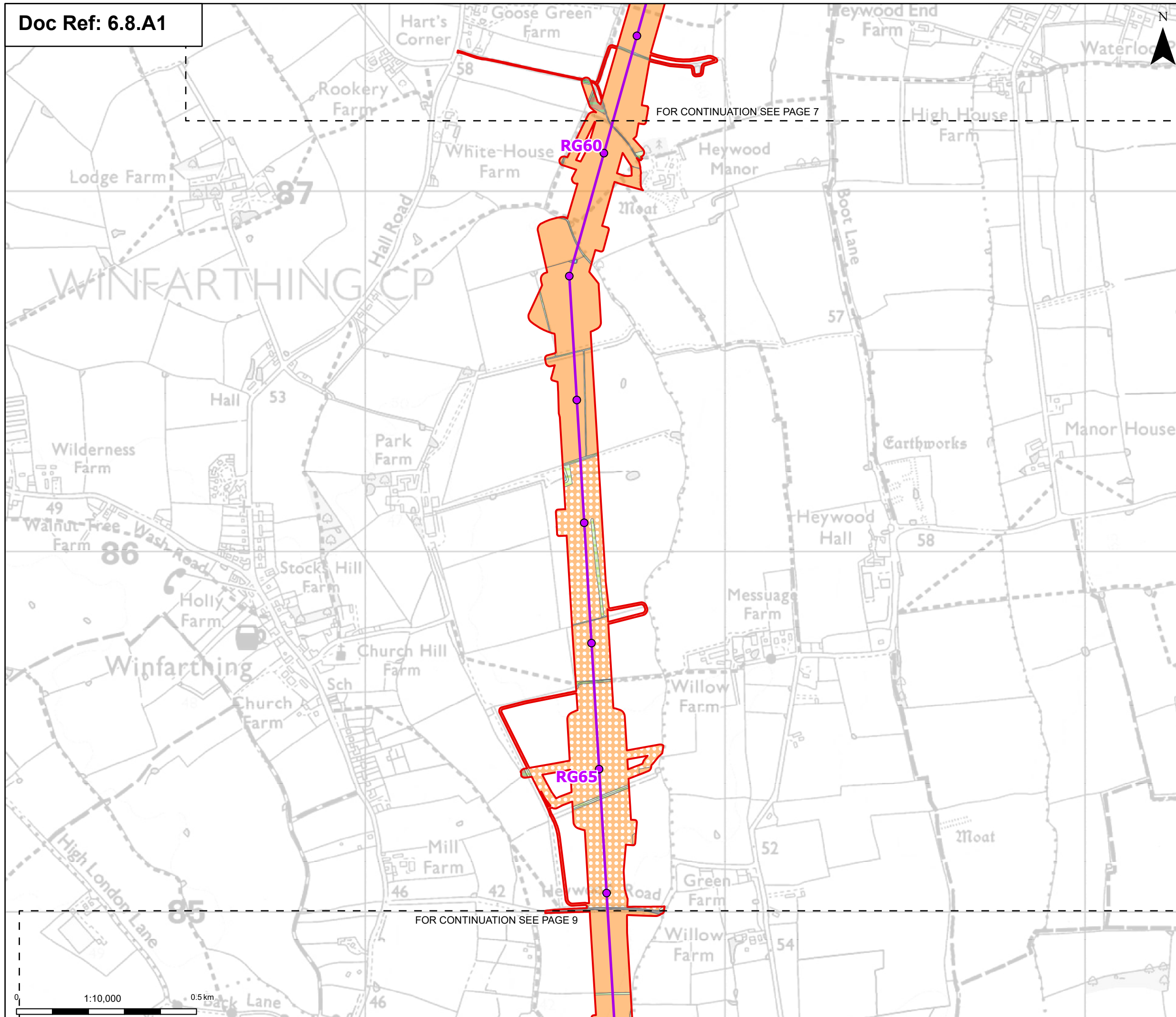
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 Regulation 5(2)(a)&(I)(ii)

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 Section A  
 Page 7 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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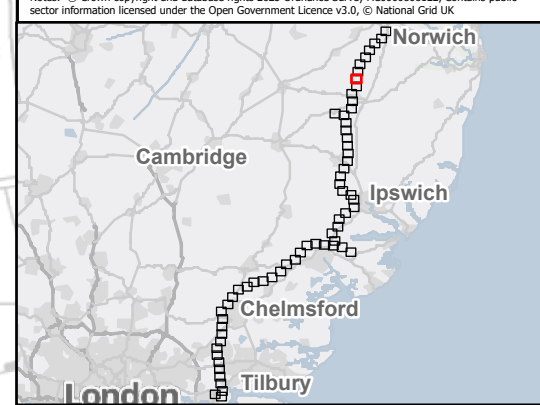
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Developed land; sealed surface
- Vegetated garden
- Ponds (priority habitat)
- Reservoirs
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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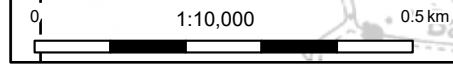
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 Page 8 of 63

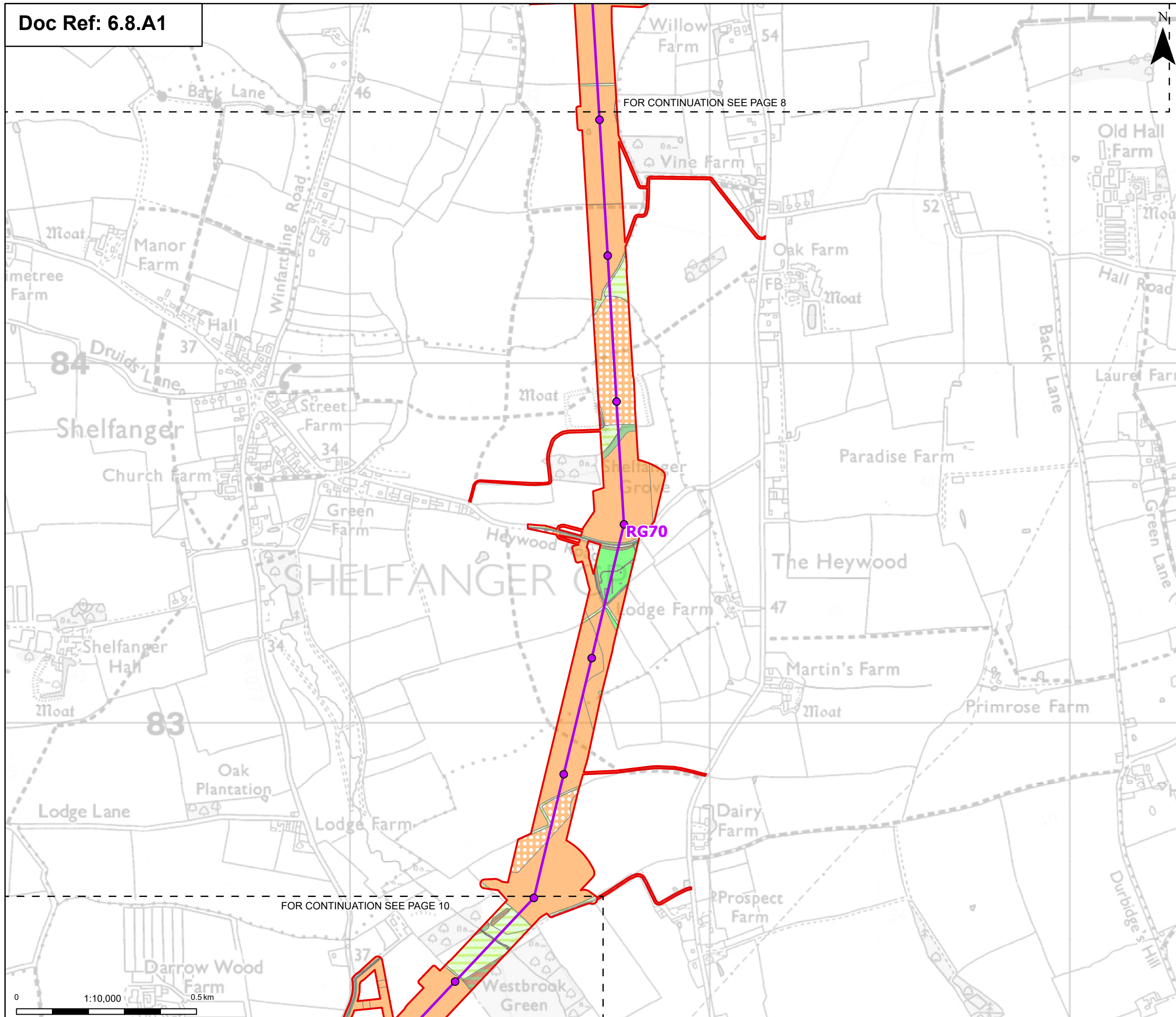
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 C





FOR CONTINUATION SEE PAGE 8

FOR CONTINUATION SEE PAGE 10

**Order limits**

- Sheet index cutline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Developed land; sealed surface
- Ponds (priority habitat)
- Watercourse footprint

**Lowland mixed deciduous woodland**

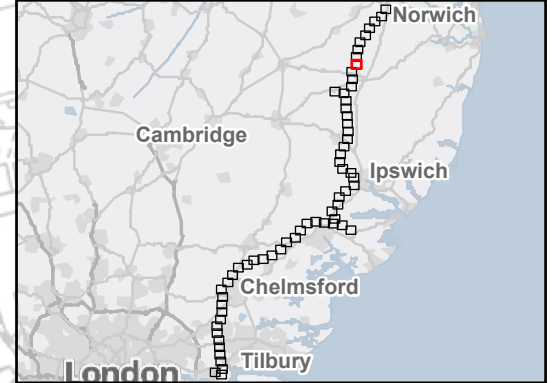
**Other woodland; broadleaved**

**Wet woodland**

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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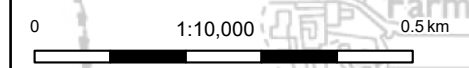
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 Page 9 of 63

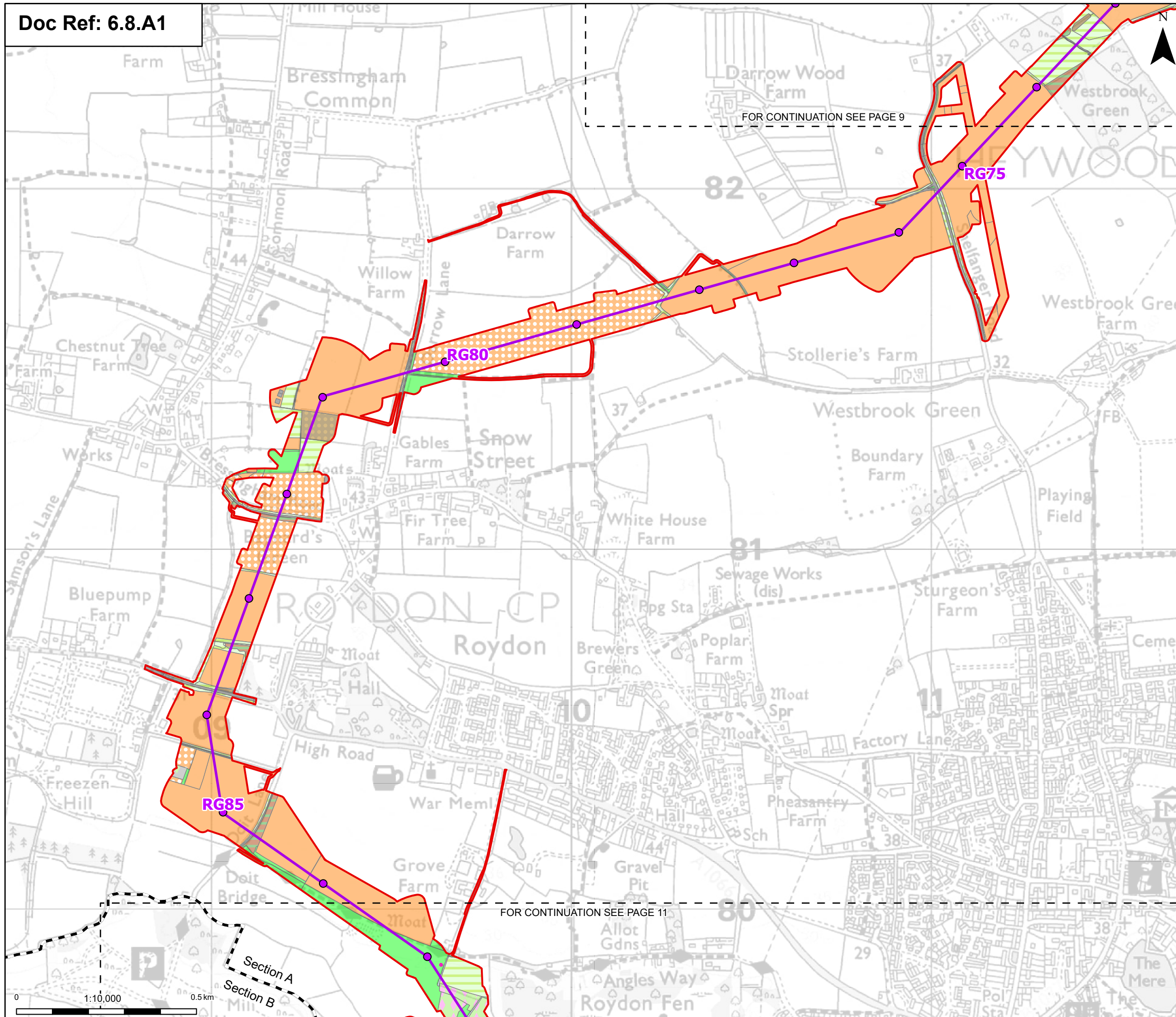
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





**Order limits**

- Sheet index outline
- Project section line

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Cereal crops
- Non-cereal crops
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features

**Developed land; sealed surface**

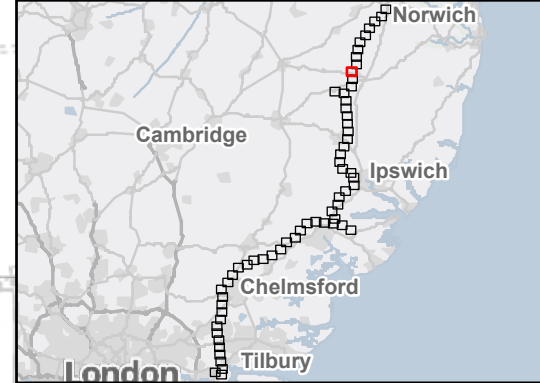
- Vegetated garden
- Ruderal/Ephemeral
- Watercourse footprint
- Lowland mixed deciduous woodland
- Wet woodland

**Notes:**

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

**PROJECT:**  
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

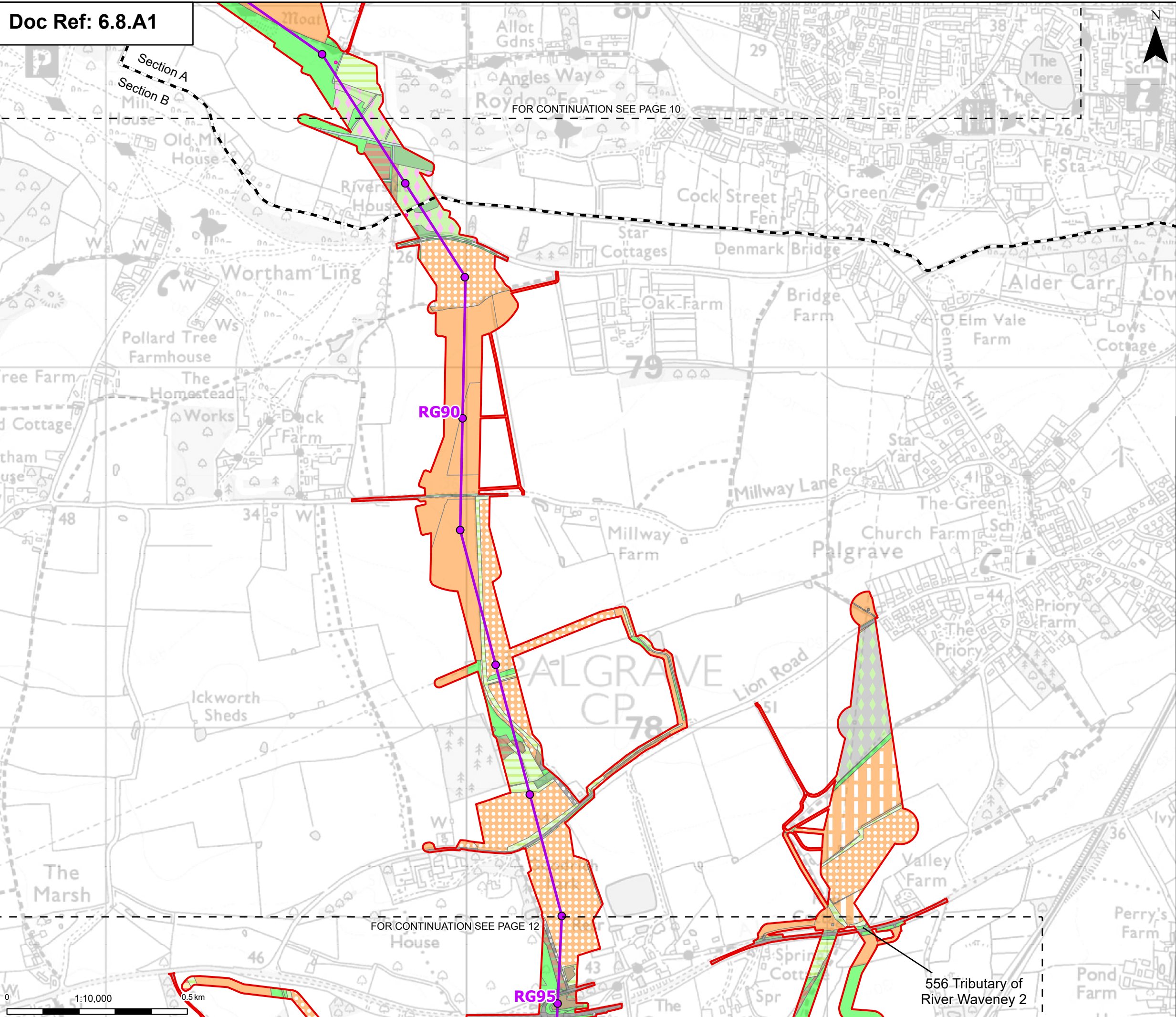
Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections A and B  
Page 10 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
C



FOR CONTINUATION SEE PAGE 10

FOR CONTINUATION SEE PAGE 12

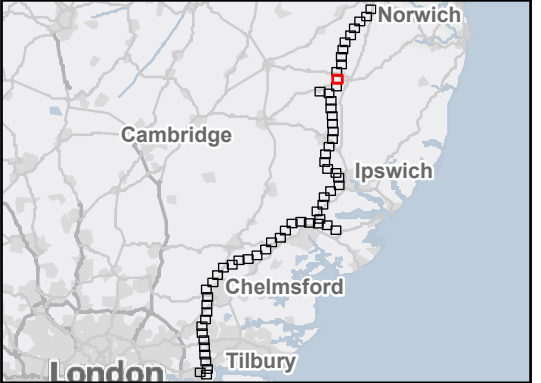
556 Tributary of River Waveney 2

- Order limits
- Sheet index outline
- Project section line
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Winter stubble
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Modified grassland
- Other neutral grassland
- Blackthorn scrub
- Bramble scrub
- Mixed scrub
- Willow scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

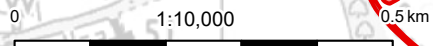
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections A and B**  
 Page 11 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

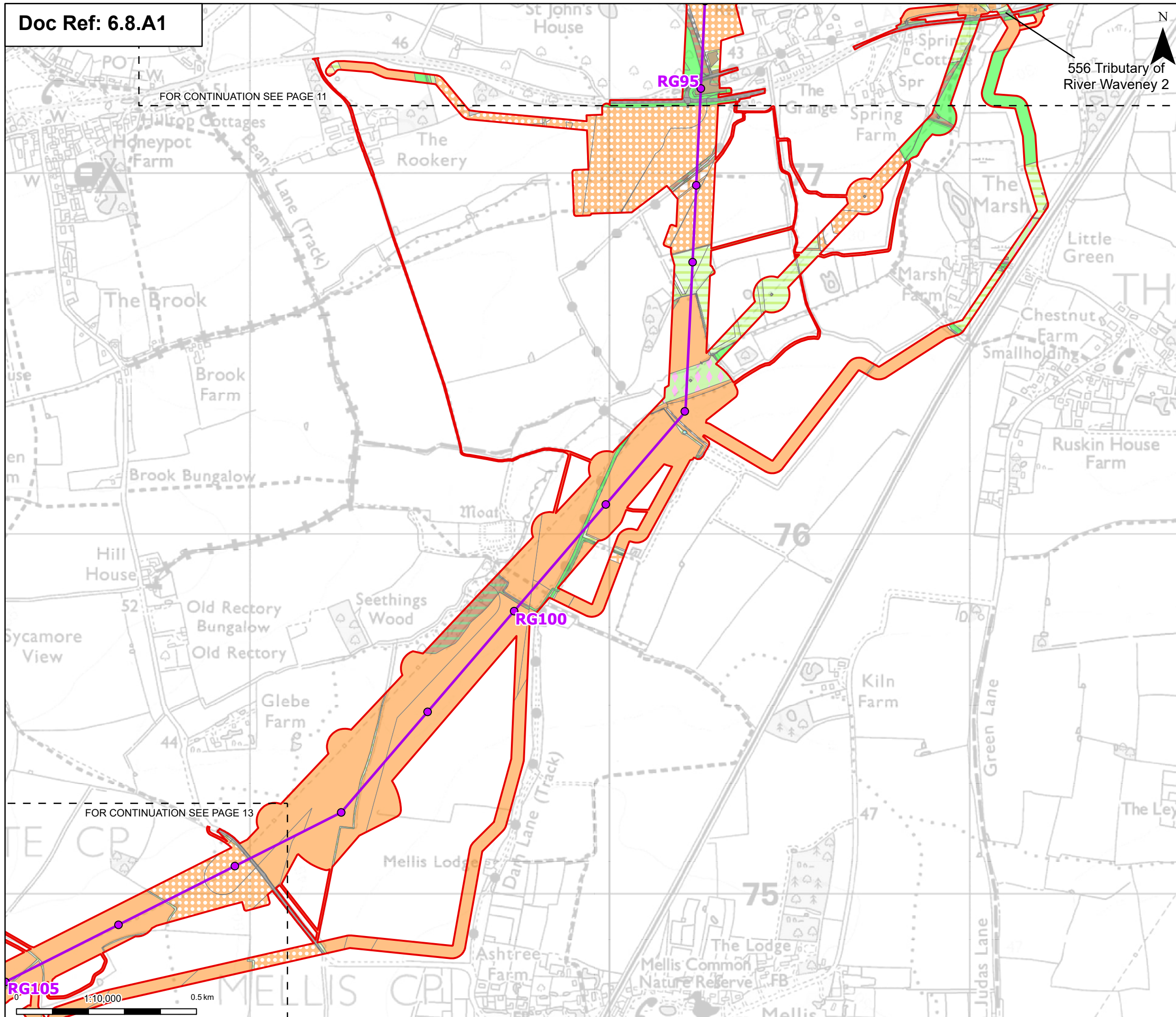
Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**



FOR CONTINUATION SEE PAGE 11

556 Tributary of River Waveney 2



**Order limits**

- Sheet index outline
- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features

**Developed land; sealed surface**

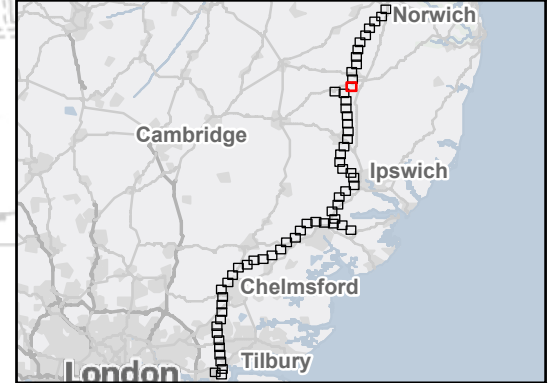
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:**

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

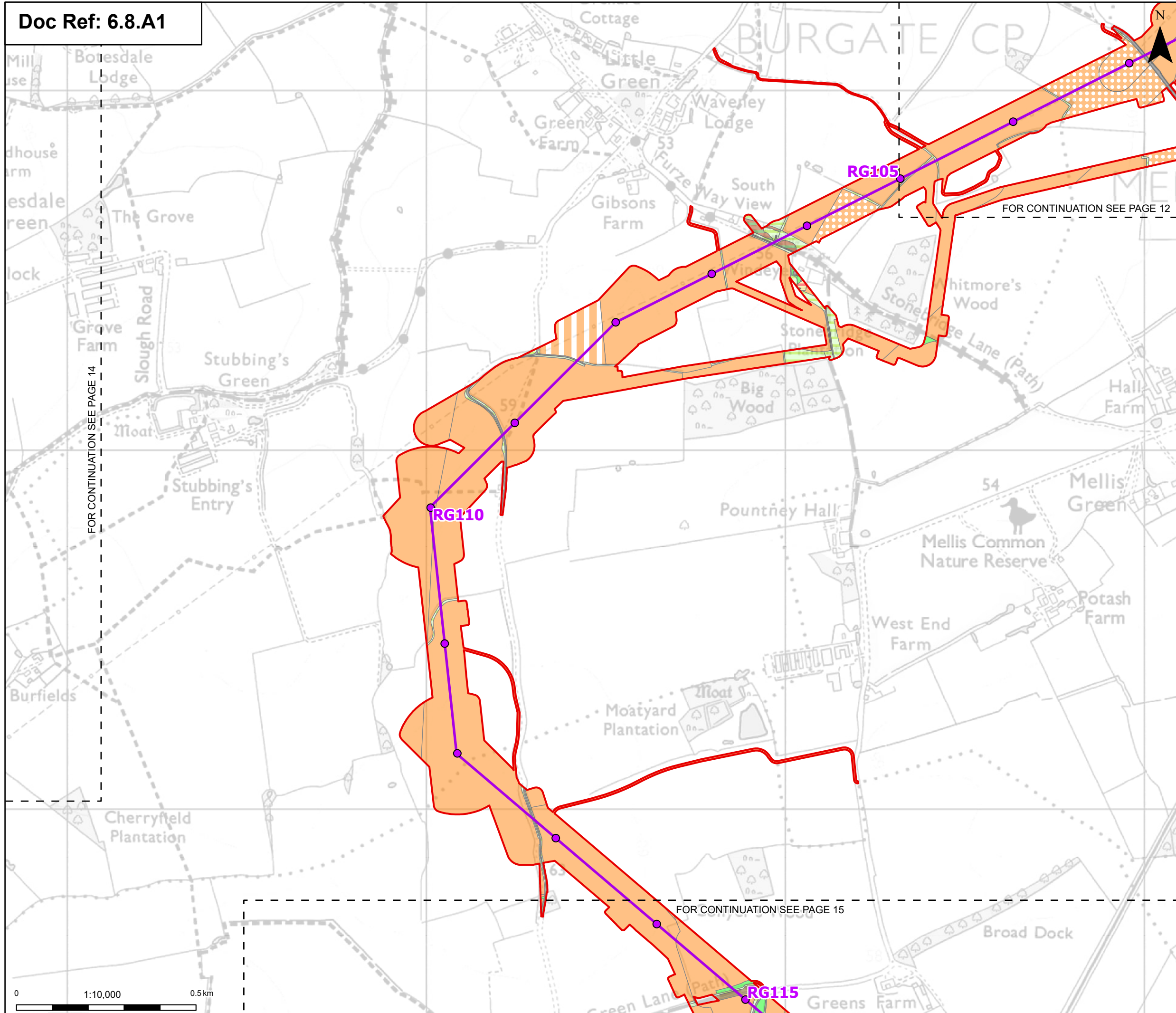
Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section B  
Page 12 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
C



**Order limits**

- Order limits
- Sheet index outline

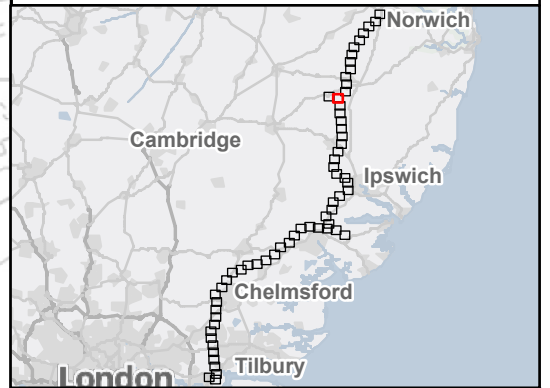
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Developed land; sealed surface
- Vegetated garden
- Lowland mixed deciduous woodland

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

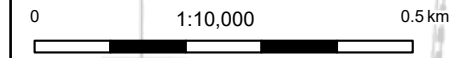
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section B**  
 Page 13 of 63

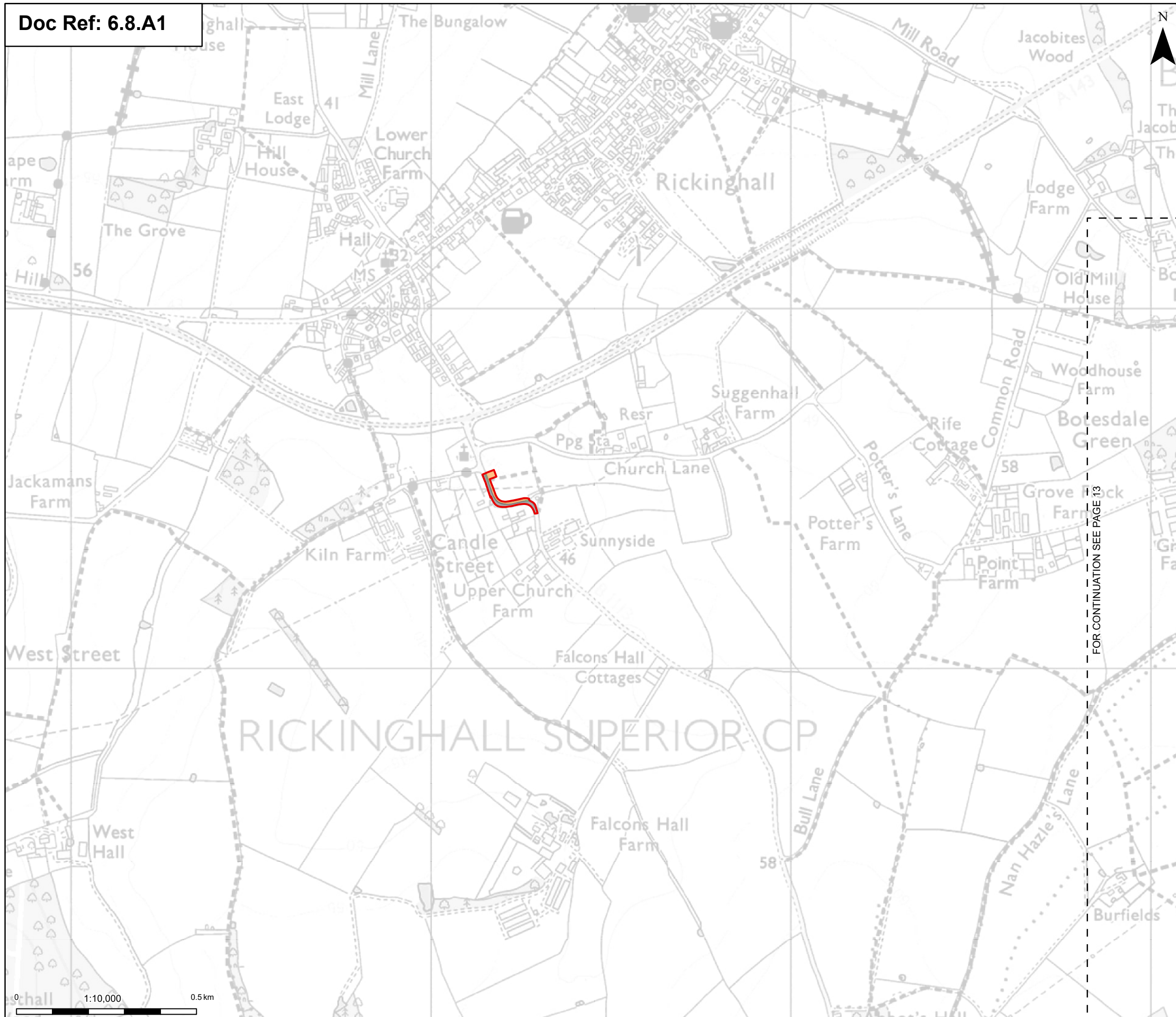
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





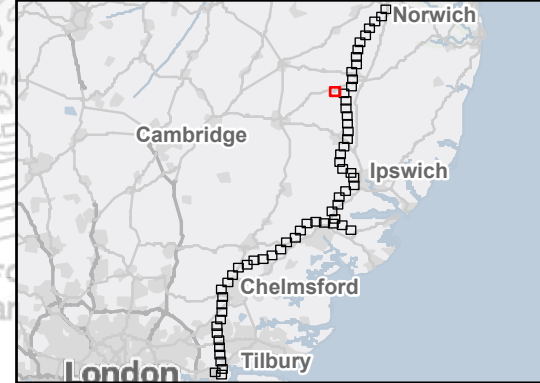
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- Order limits
- Sheet index cutline
- Cereal crops
- Modified grassland
- Developed land; sealed surface
- Vegetated garden

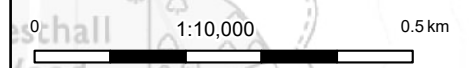
Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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FOR CONTINUATION SEE PAGE 13



Rev	Date	Description	Drawn	Check	Approv
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

**PROJECT:**  
nationalgrid Norwich to Tilbury

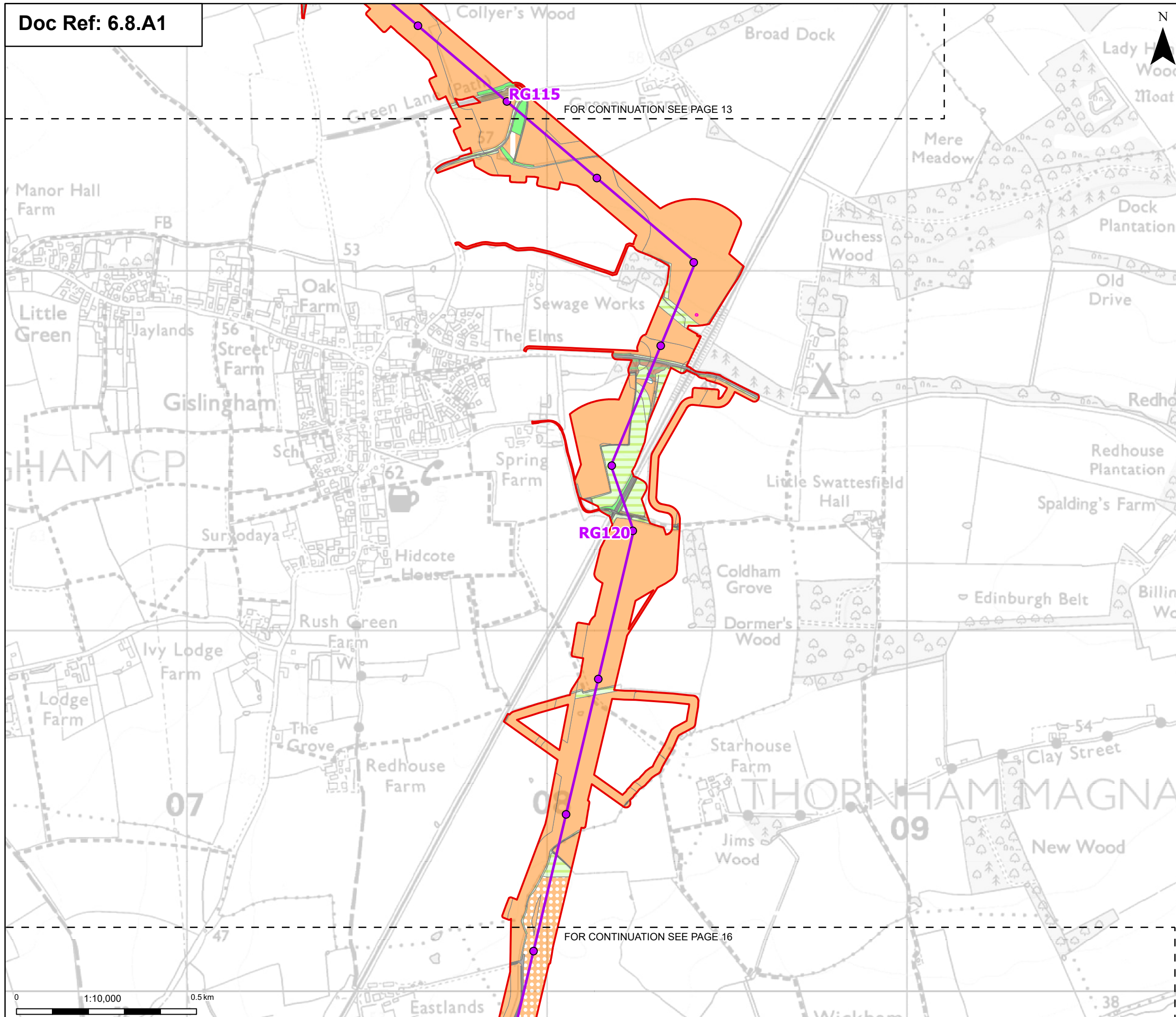
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section B  
Page 14 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Order limits**  
 Sheet index outline

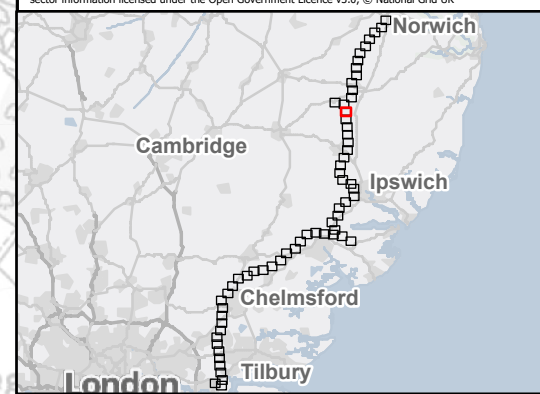
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 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Environmental mitigation

**Habitats**  
 Cereal crops  
 Non-cereal crops  
 Temporary grass and clover leys  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Mixed scrub  
 Artificial unvegetated, unsealed surface  
 Built linear features  
 Developed land; sealed surface  
 Ruderal/Ephemeral

**Other features**  
 Ponds (priority habitat)  
 Watercourse footprint  
 Lowland mixed deciduous woodland  
 Other woodland; broadleaved  
 Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.  
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**PROJECT:**  
 nationalgrid Norwich to Tilbury

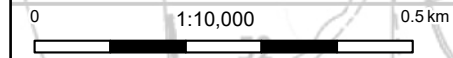
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 Regulation 5(2)(a)&(I)(ii)

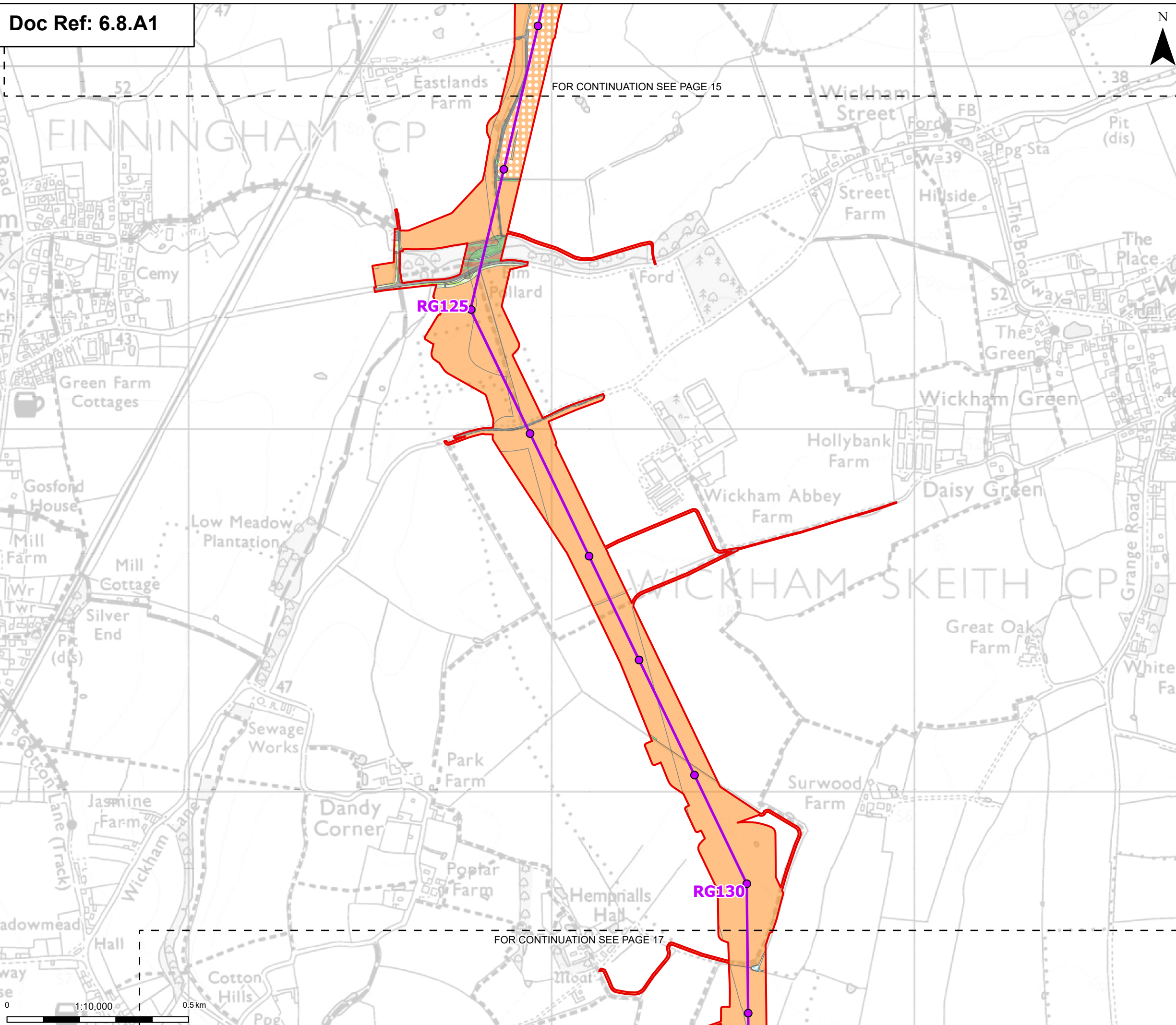
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section B  
 Page 15 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
 Revision:  
 C





**Order limits**

- Sheet index outline

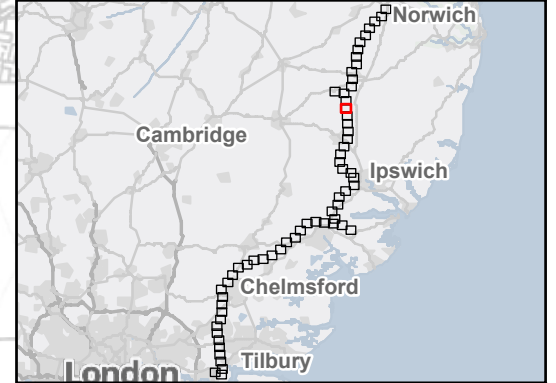
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bare ground
- Built linear features
- Developed land; sealed surface
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section B  
 Page 16 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334		Revision: C

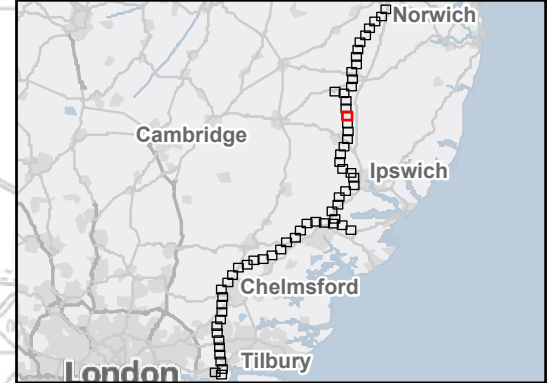
FOR CONTINUATION SEE PAGE 16

FOR CONTINUATION SEE PAGE 18



Order limits	Watercourse footprint
Sheet index outline	Lowland mixed deciduous woodland
<b>Proposed project design details</b>	
Proposed standard lattice pylon location	<p>Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.</p> <p>Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).</p>
Proposed overhead line alignment	
Cereal crops	
Non-cereal crops	
Modified grassland	
Other neutral grassland	
Mixed scrub	
Artificial unvegetated, unsealed surface	
Built linear features	
Developed land; sealed surface	
Vegetated garden	
Ponds (priority habitat)	

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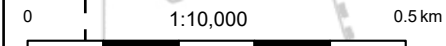
Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section B**  
 Page 17 of 63

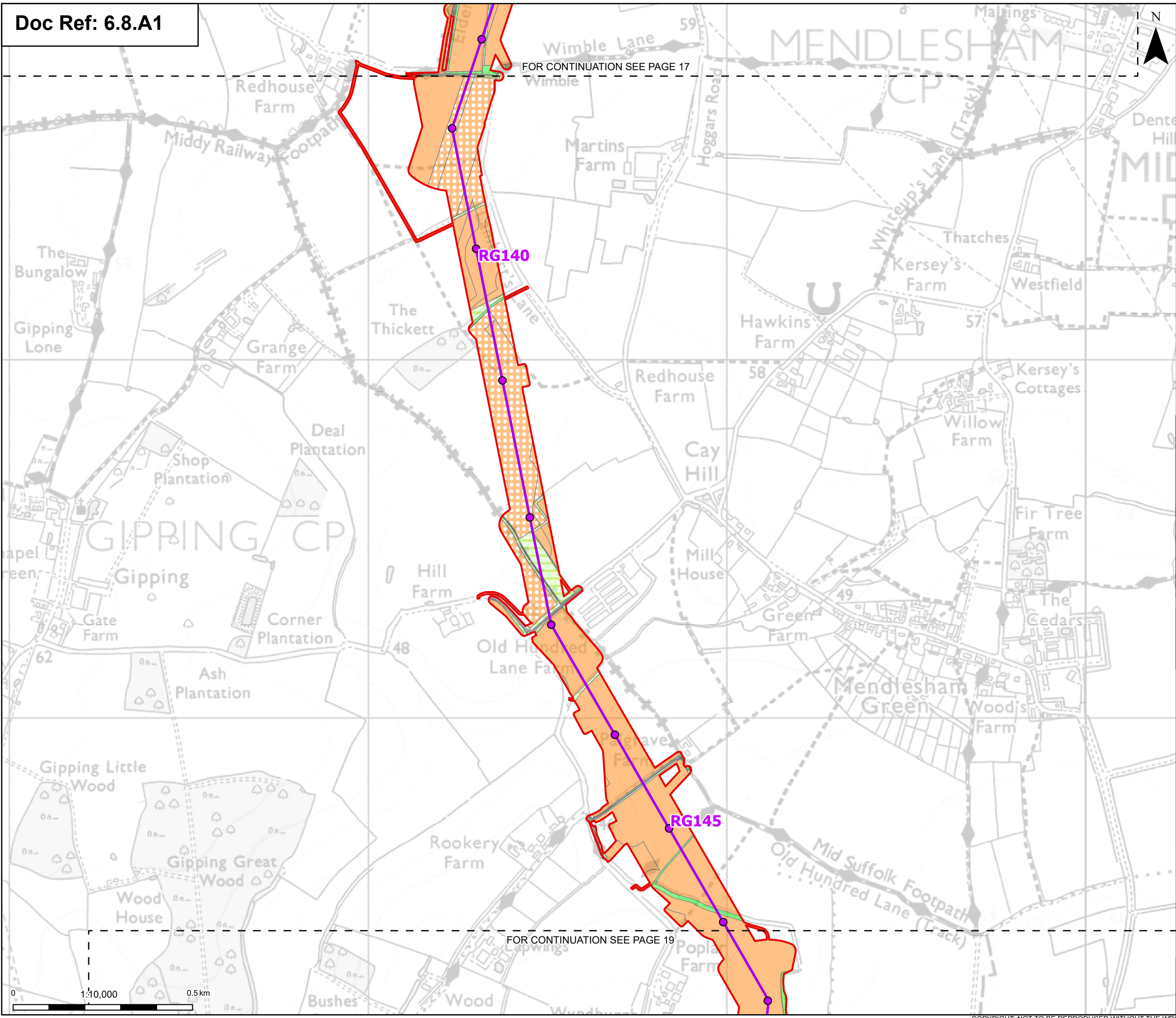
Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
 Revision:  
**C**



FOR CONTINUATION SEE PAGE 17

FOR CONTINUATION SEE PAGE 19



**Order limits**

- Sheet index outline

**Proposed project design details**

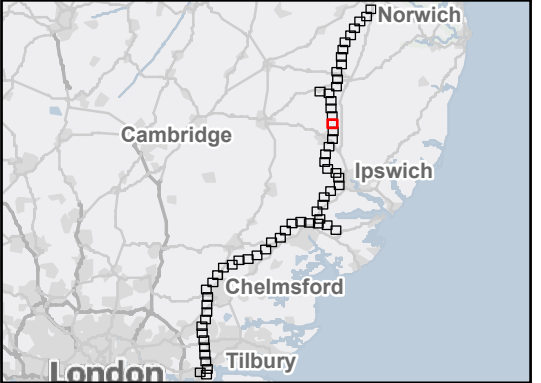
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ponds (priority habitat)
- Watercourse footprint

**Lowland mixed deciduous woodland**

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

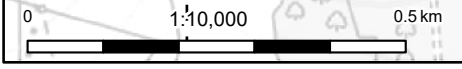
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section B  
 Page 18 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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Revision:  
**C**



FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 20

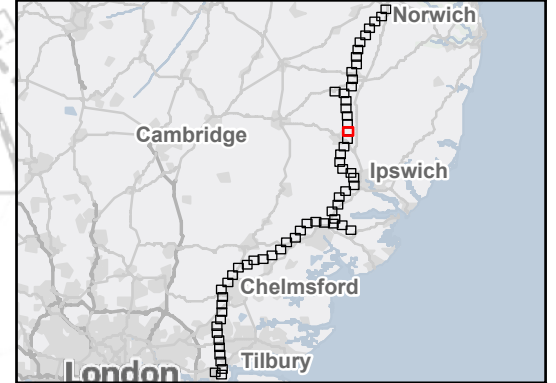


- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Modified grassland
- Other neutral grassland
- Artificial unvegetated, unsealed surface
- Developed land; sealed surface
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

**PROJECT:**  
nationalgrid Norwich to Tilbury

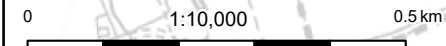
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

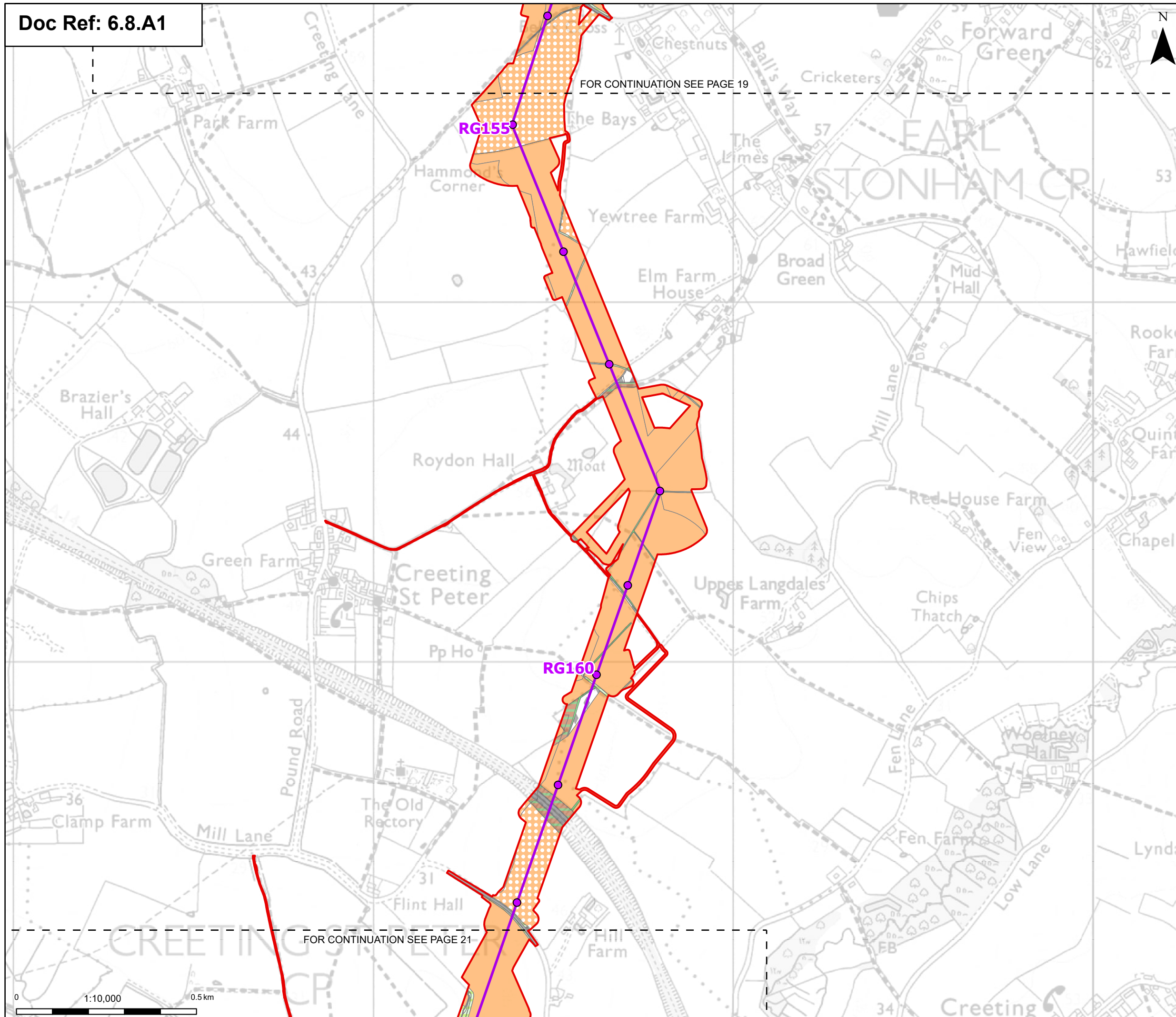
Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section B**  
 Page 19 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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 Order limits  
 Sheet index outline

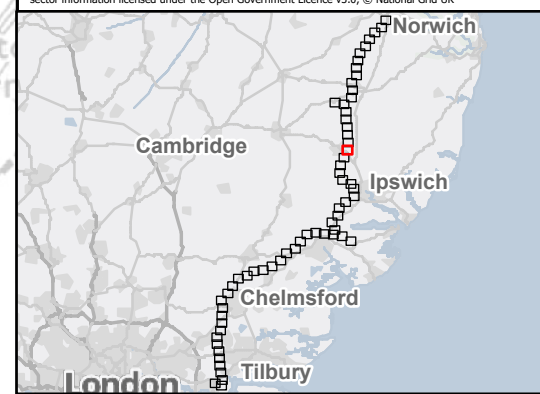
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bare ground
- Built linear features
- Developed land; sealed surface
- Watercourse footprint
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

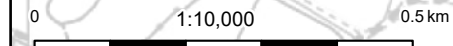
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section B  
 Page 20 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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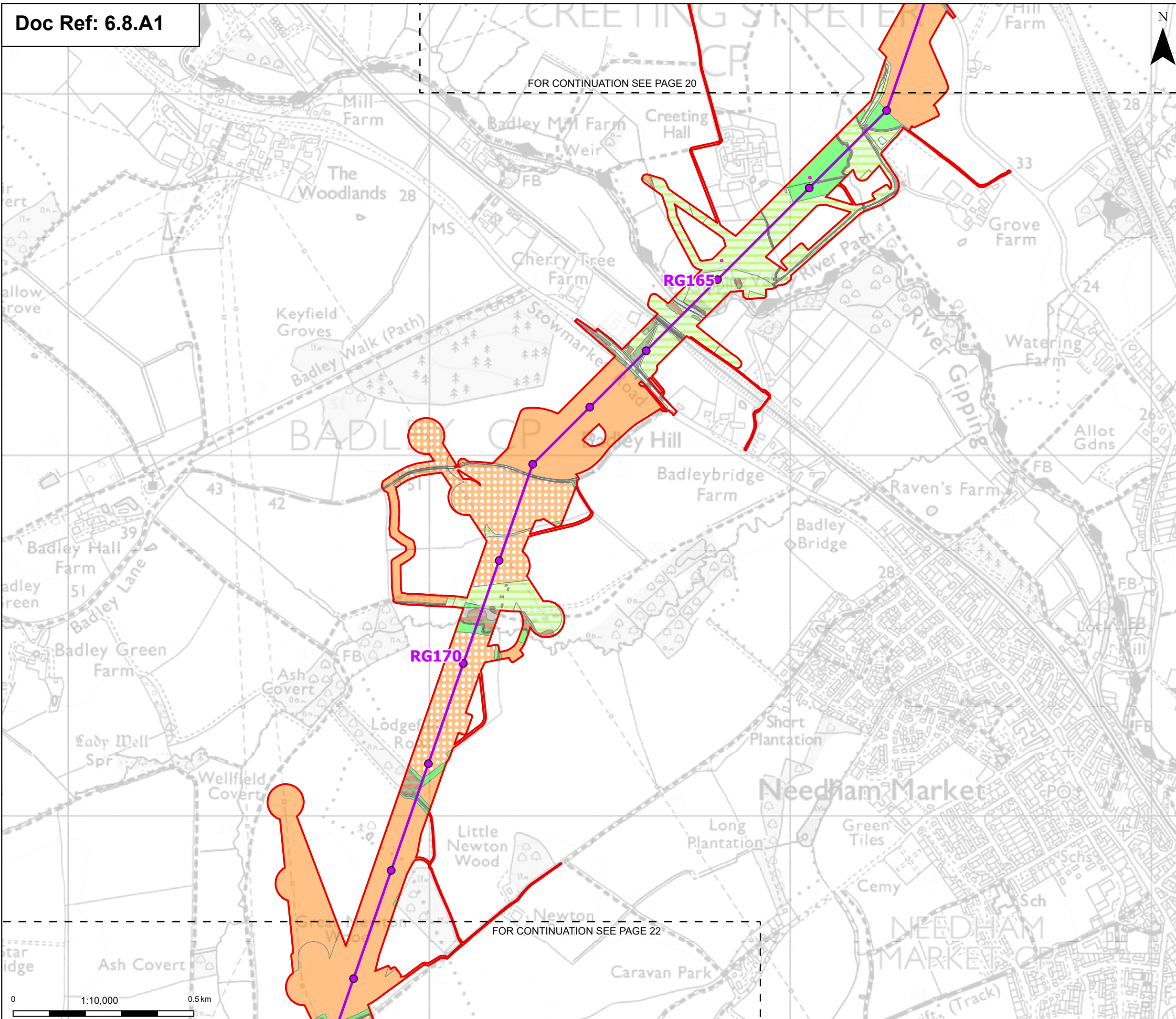
Suitability Description:  
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Drawing Number:  
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Revision:  
 C



FOR CONTINUATION SEE PAGE 20

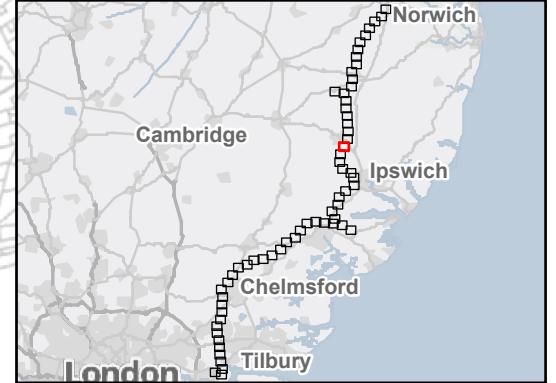


- ▬ Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Cereal crops
- Horticulture
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; mixed
- Wet woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

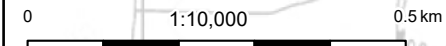
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section B**  
 Page 21 of 63

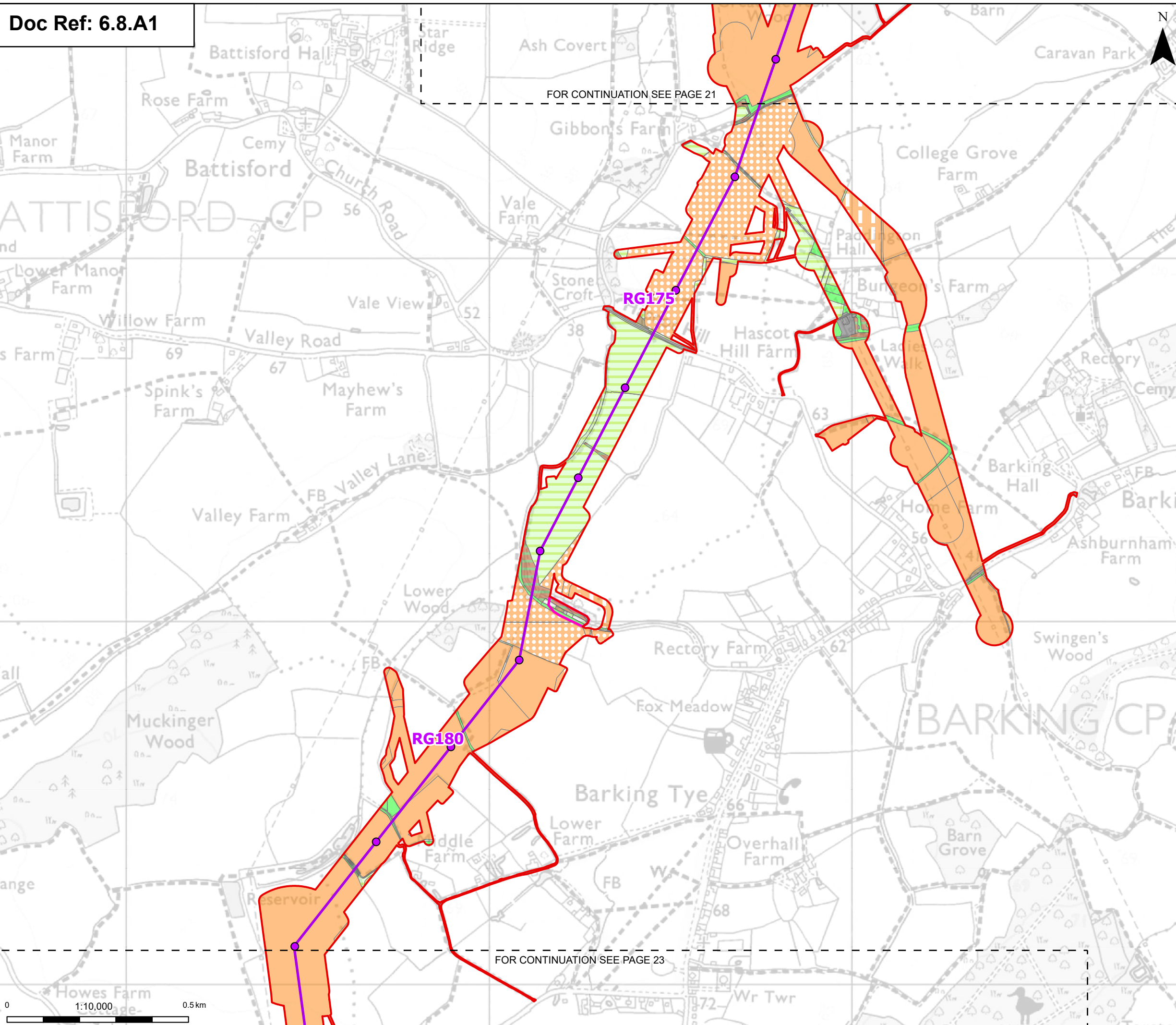
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C





**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation

**Proposed project design details**

- Cereal crops
- Non-cereal crops
- Winter stubble
- Bracken
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features

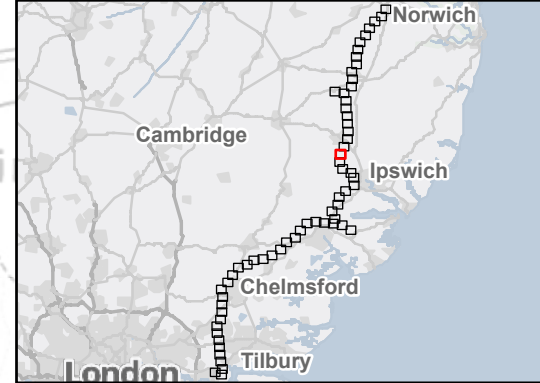
**Developed land; sealed surface**

- Ruderal/Ephemeral
- Ponds (priority habitat)
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(1)(ii)

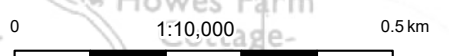
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section B  
 Page 22 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

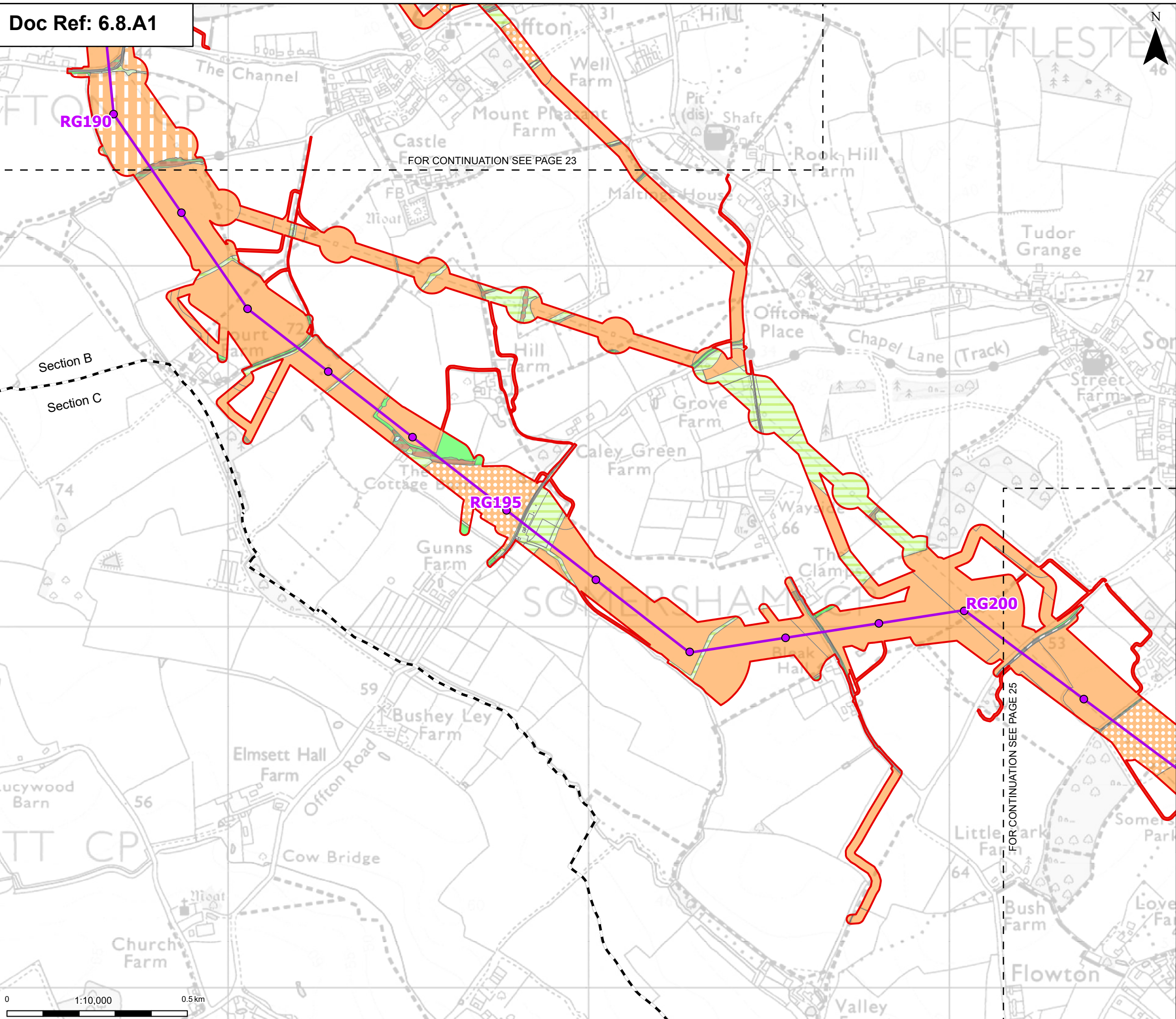
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**







**Order limits**

- Order limits
- Sheet index outline
- Project section line

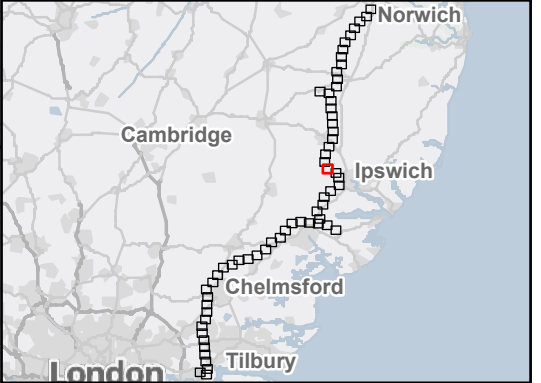
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land: sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland: broadleaved
- Other woodland: mixed

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

**PROJECT:**  
nationalgrid Norwich to Tilbury

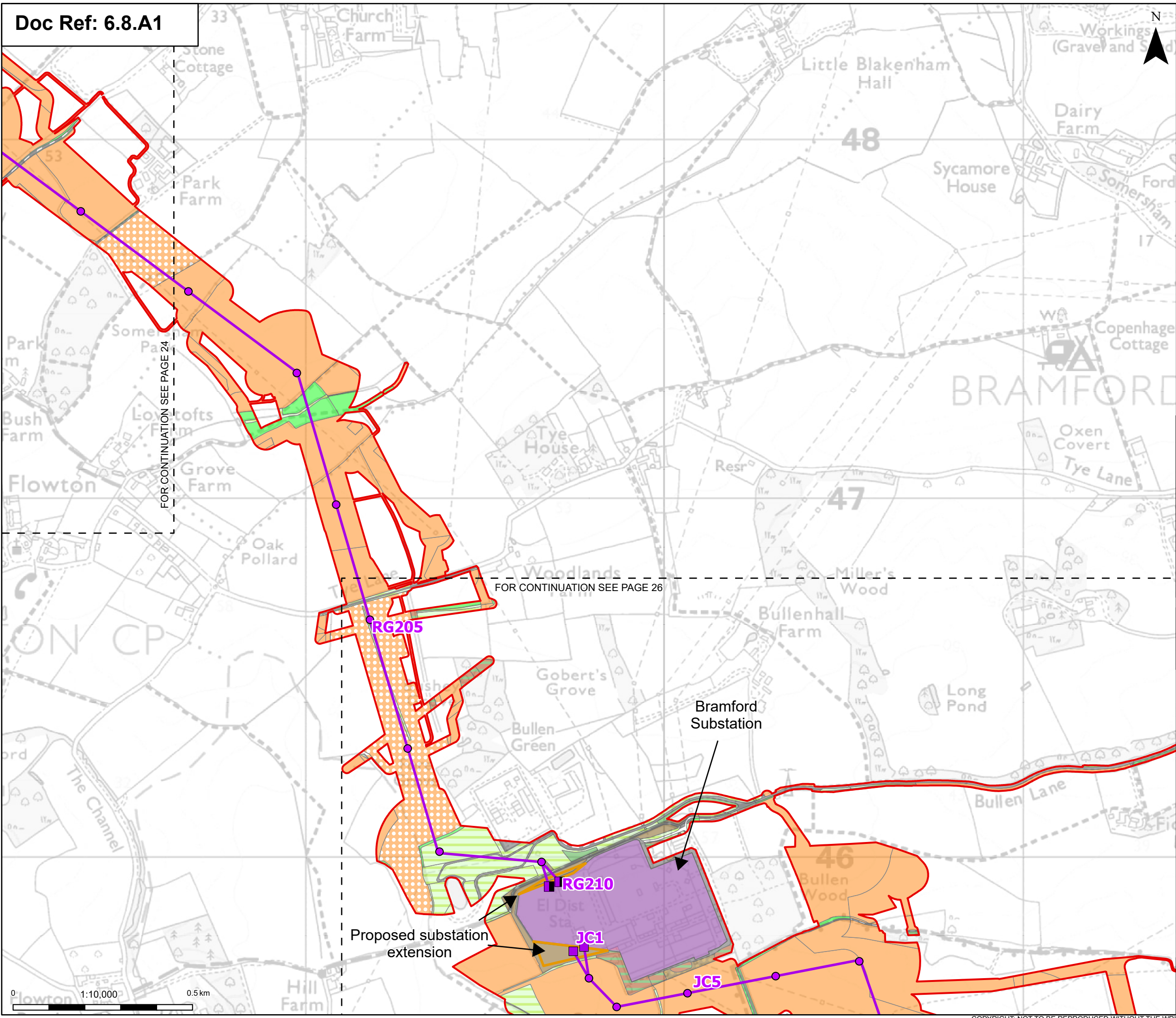
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

**Title:**  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections B and C  
Page 24 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
Revision: C



**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface

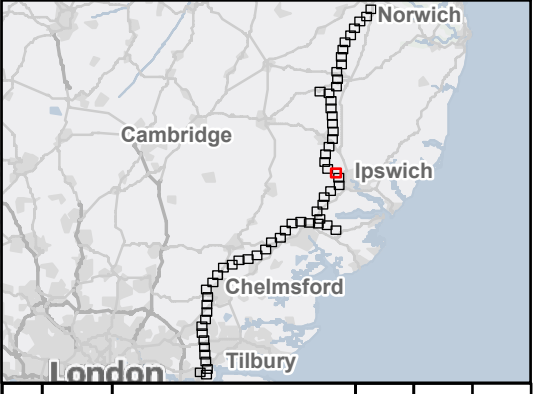
**Legend**

- Bare ground
- Built linear features
- Developed land; sealed surface
- Ruderal/Ephemeral
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
nationalgrid Norwich to Tilbury

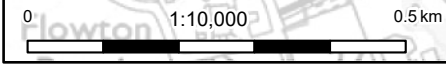
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Regulation 5(2)(a)&(I)(ii)

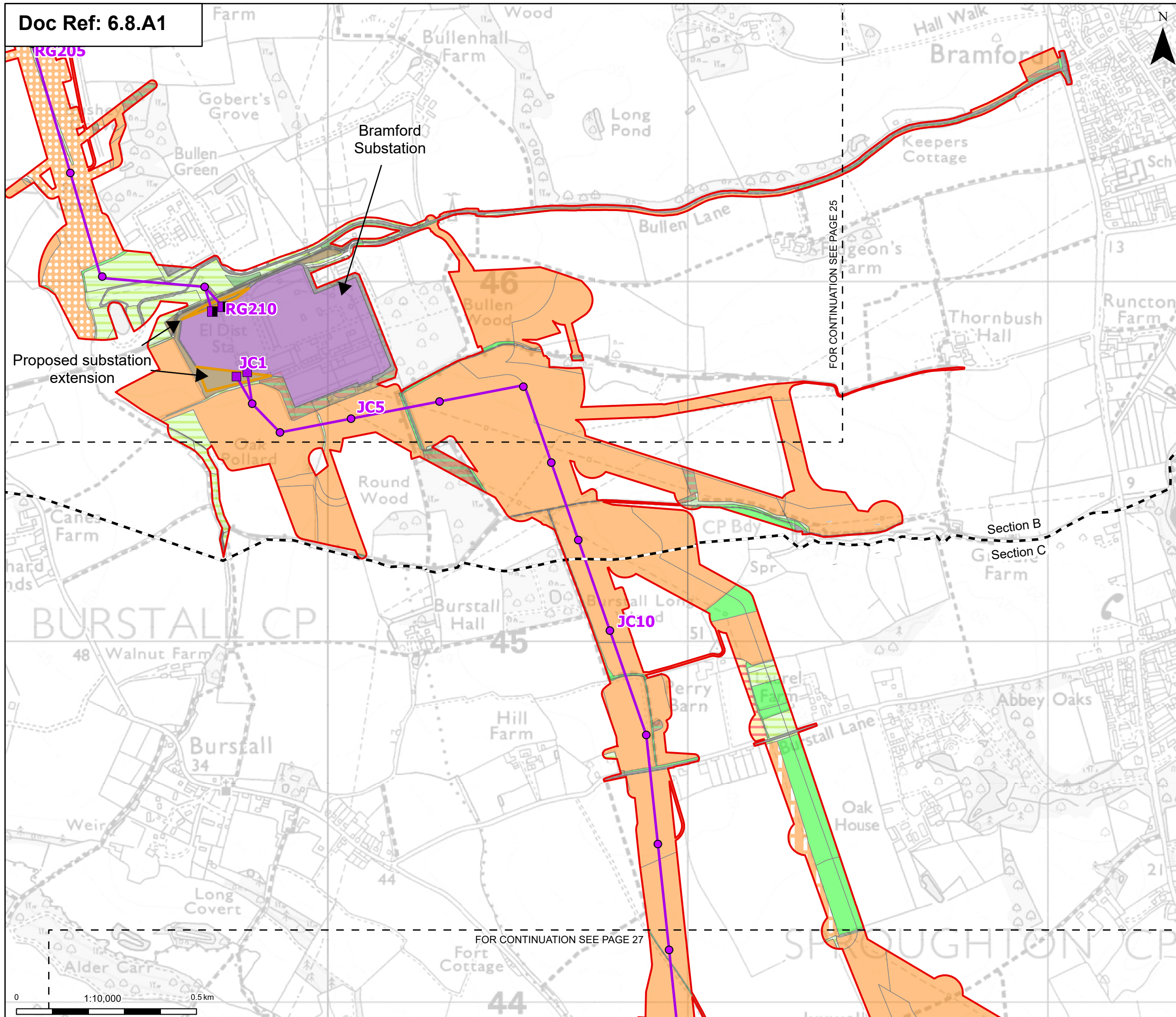
**Title:**  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section B  
Page 25 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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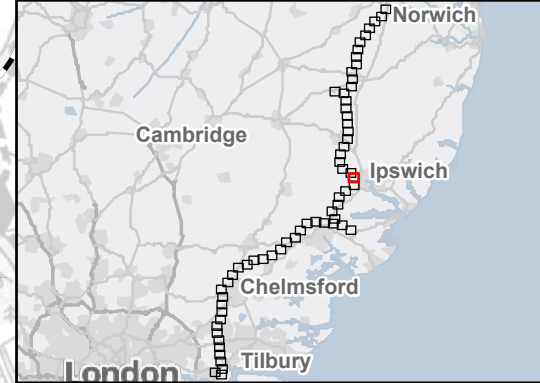


- ▬ Order limits
- Sheet index outline
- Project section line
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the design. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(1)(ii)

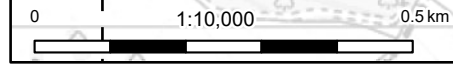
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections B and C**  
 Page 26 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

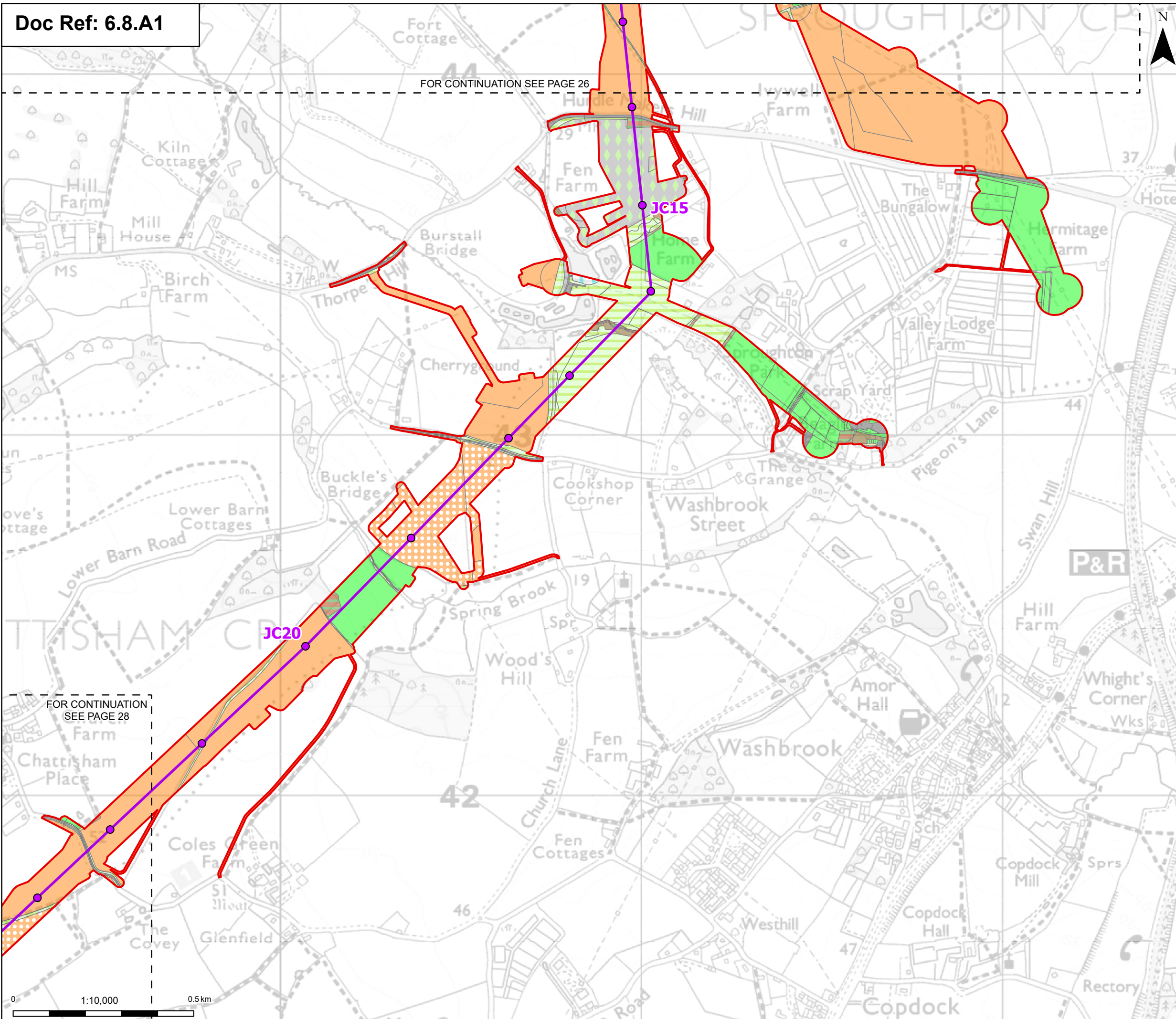
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**



FOR CONTINUATION SEE PAGE 26



**Order limits**

- Sheet index outline
- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral

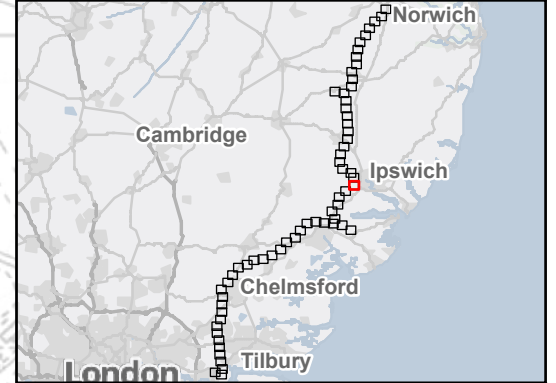
**Ornamental lake or pond**

- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results**  
 Section C  
 Page 27 of 63

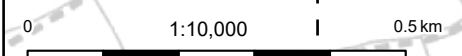
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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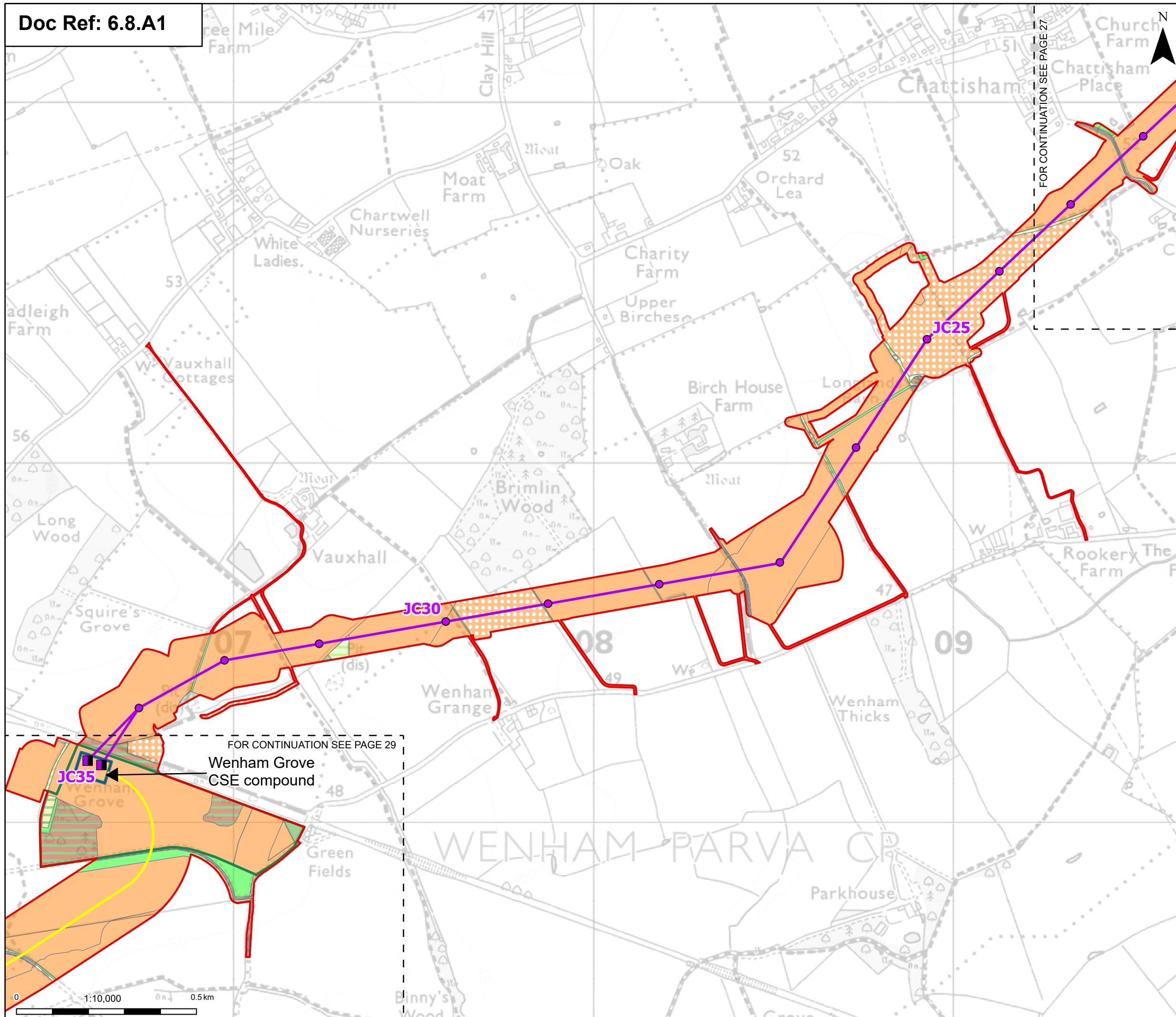
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**

FOR CONTINUATION SEE PAGE 28





**Order limits**

- Order limits
- Sheet index outline

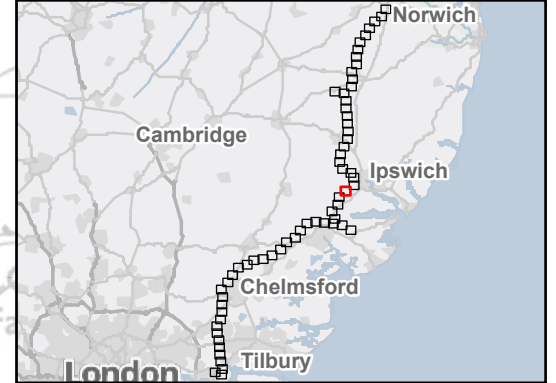
**Proposed project design details**

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Built linear features
- Developed land; sealed surface
- Tall forbs
- Ponds (priority habitat)
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

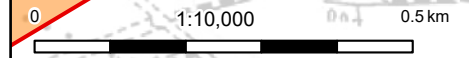
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section C**  
 Page 28 of 63

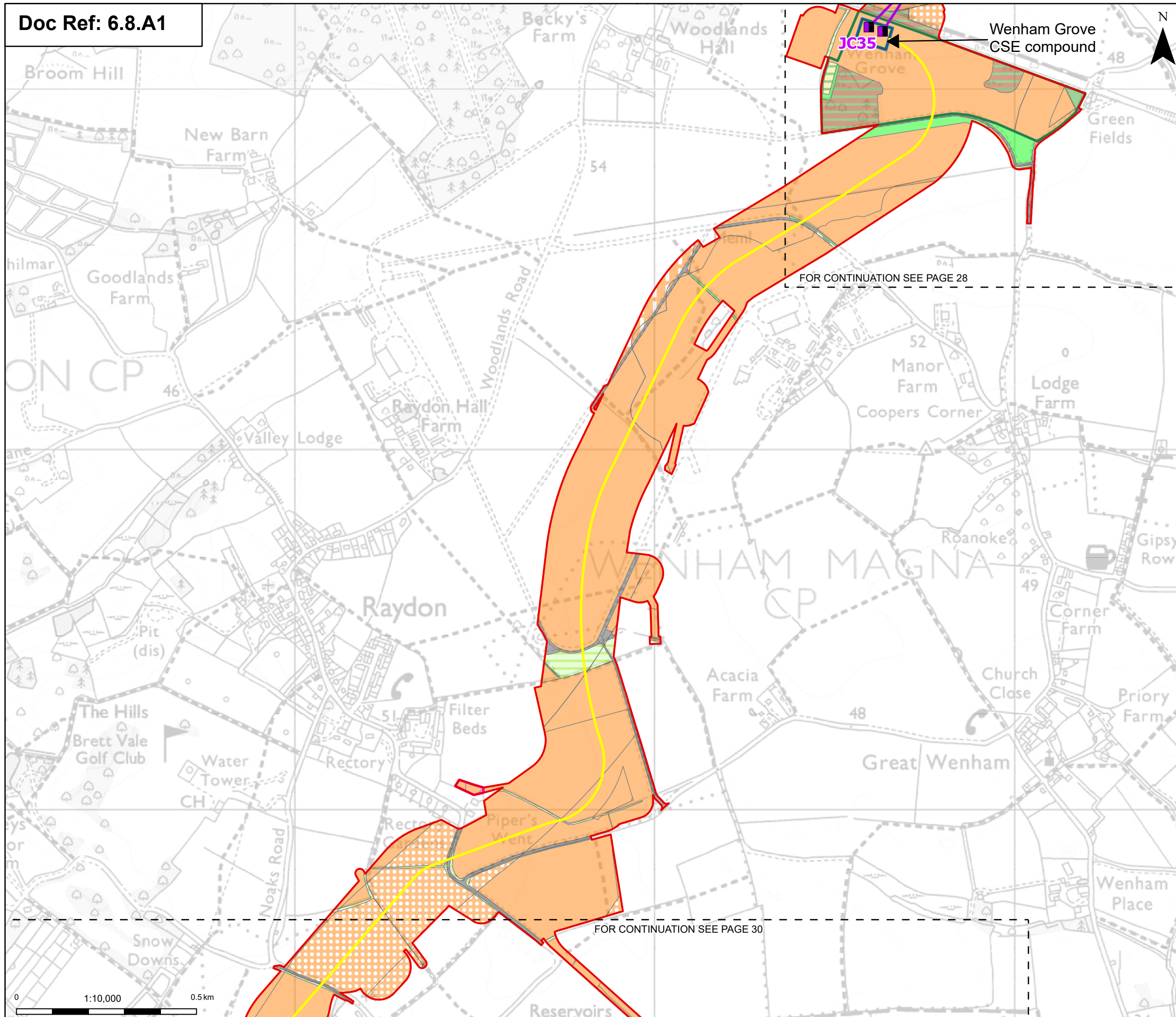
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





**Order limits**

- Order limits
- Sheet index outline

**Proposed project design details**

- Proposed full line tension gantry
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Built linear features
- Developed land; sealed surface

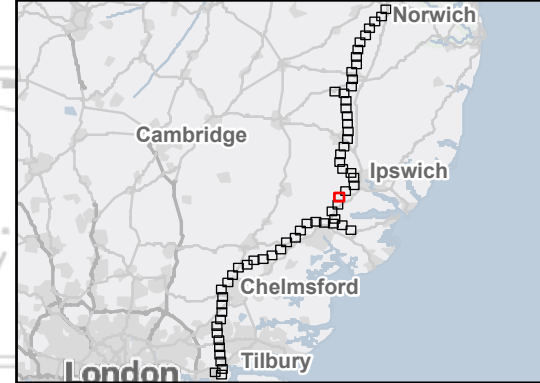
**Watercourse footprint**

- Watercourse footprint
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

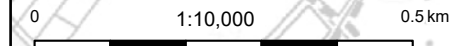
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section C**  
 Page 29 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

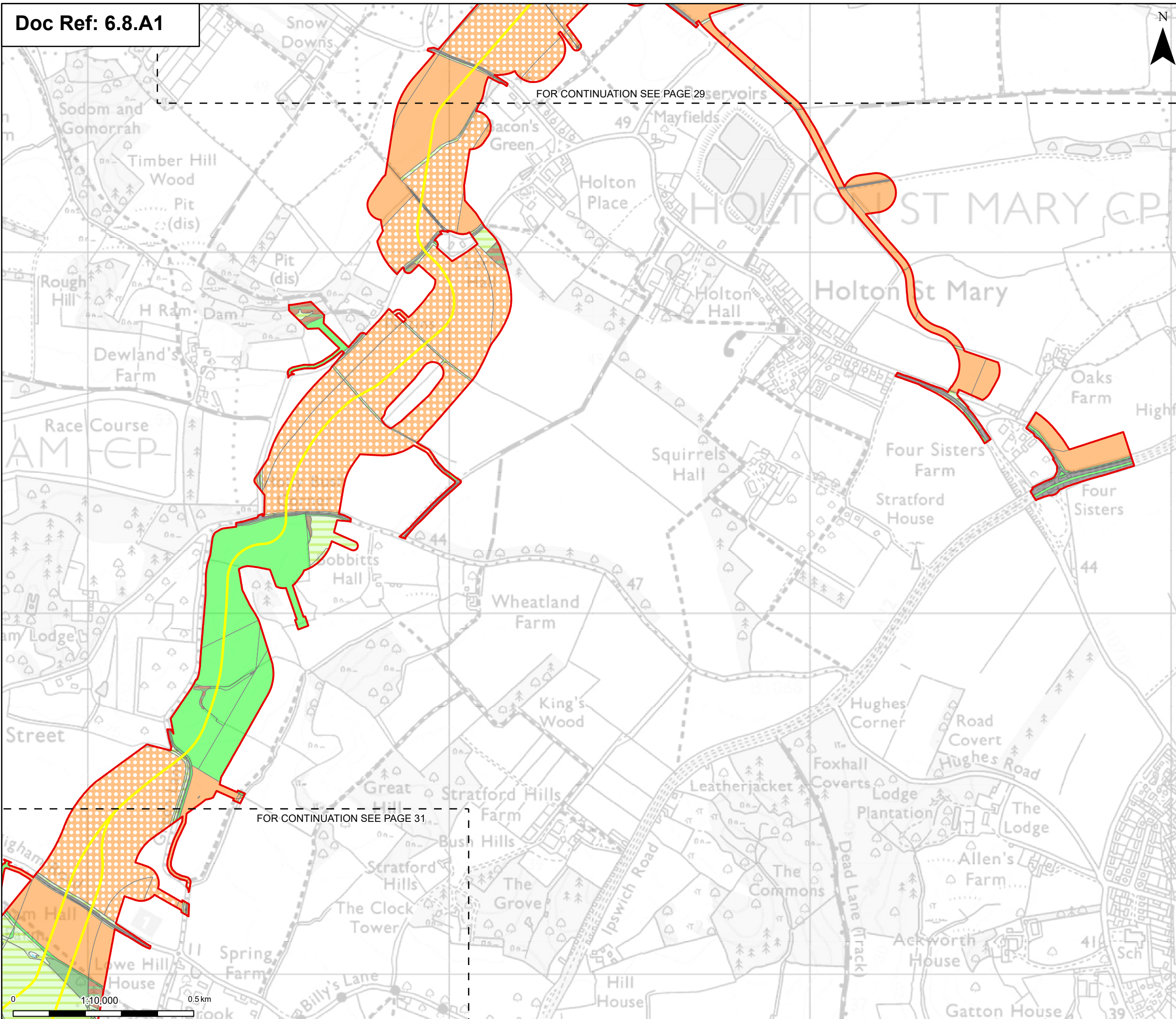
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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FOR CONTINUATION SEE PAGE 29

FOR CONTINUATION SEE PAGE 31

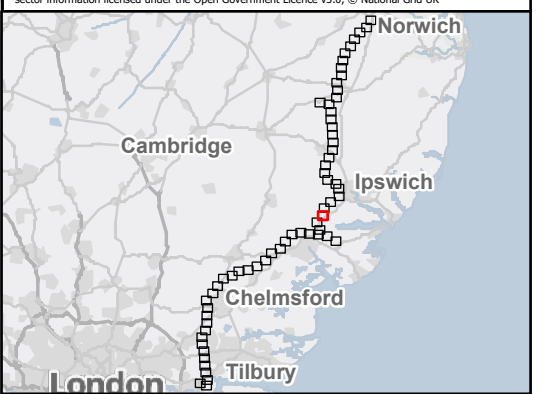


- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed underground cable alignment
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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Rev	Date	Description	Drawn	Check	Approv

PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

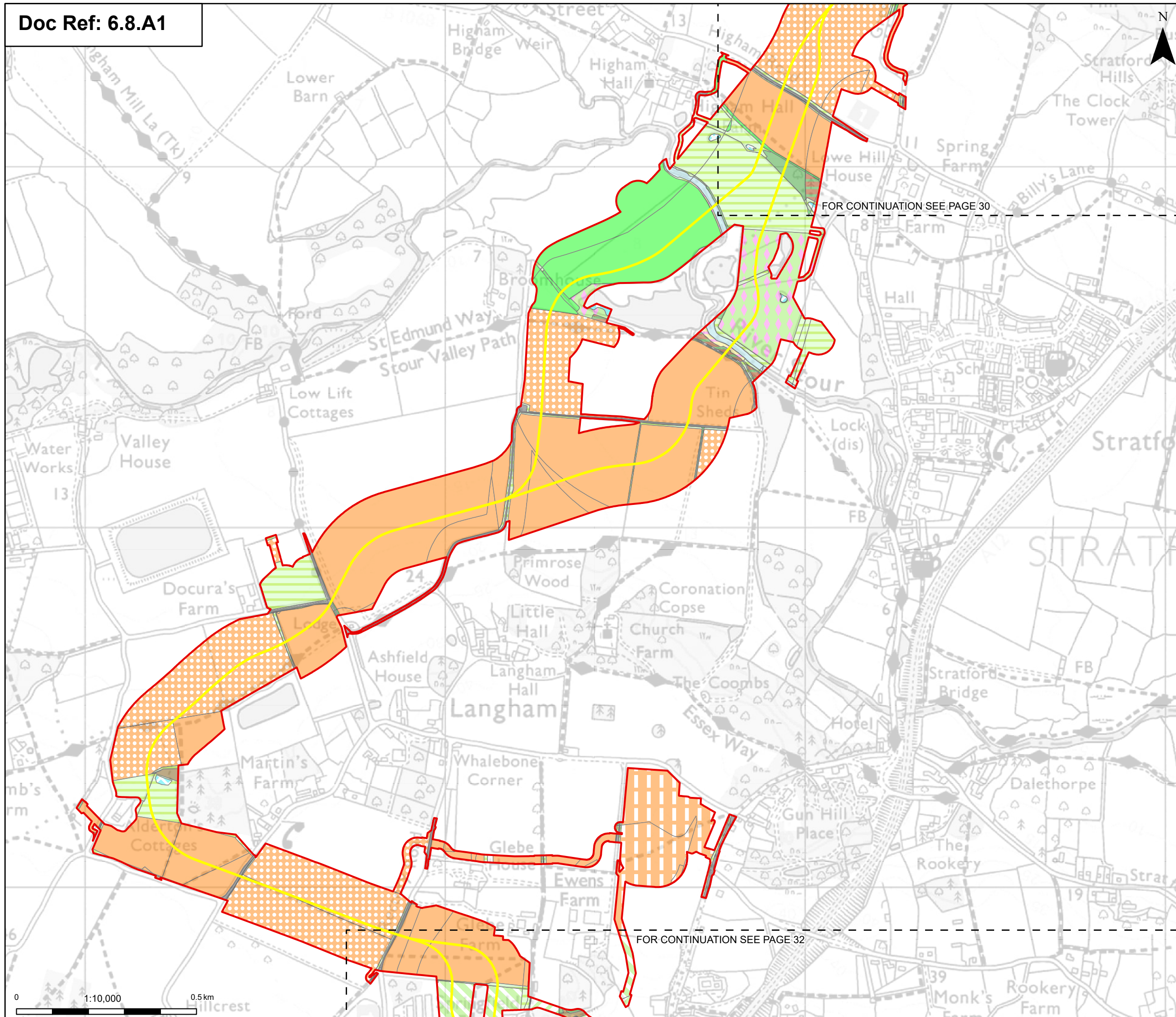
Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section C**  
 Page 30 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**



**Order limits**

- Sheet index outline
- Proposed underground cable alignment
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Winter stubble
- Bracken
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Lowland dry acid grassland
- Modified grassland
- Other neutral grassland
- Other lowland acid grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features
- Developed land: sealed surface
- Vegetated garden

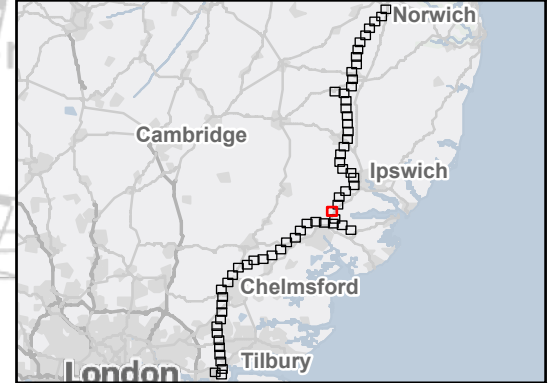
**Ponds (priority habitat)**

- Reservoirs
- Watercourse footprint
- Reedbeds
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the design. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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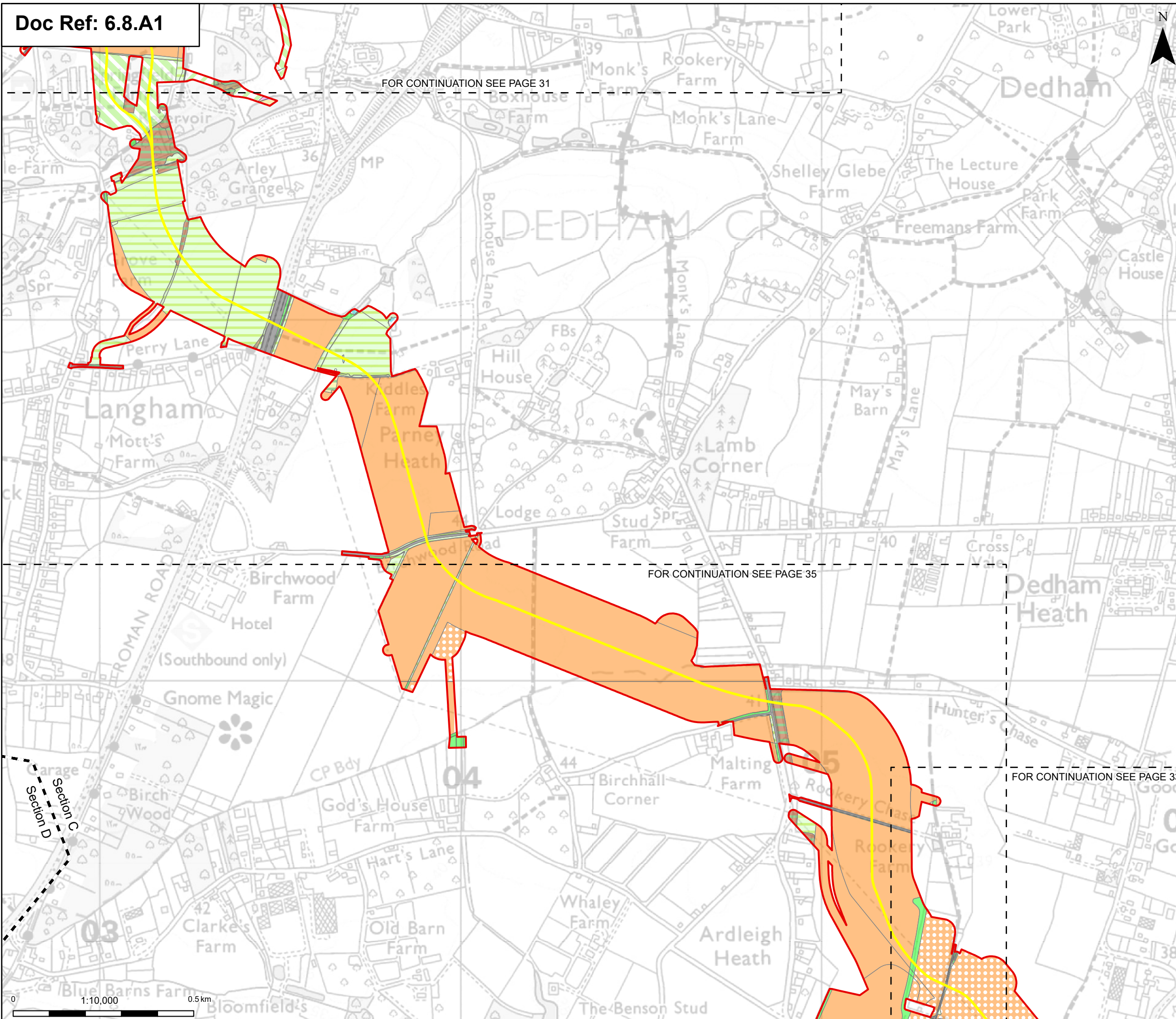
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section C  
Page 31 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EBD-ZZ-DR-ZZ-00334  
Revision:  
C

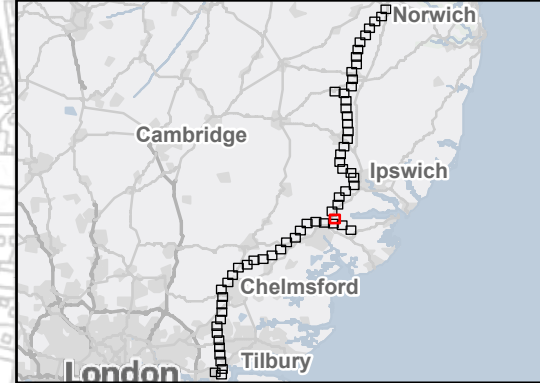


- Order limits
- Sheet index outline
- Project section line
- Proposed underground cable alignment
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Winter stubble
- Lowland dry acid grassland
- Modified grassland
- Other neutral grassland
- Other lowland acid grassland
- Bramble scrub
- Mixed scrub
- Developed land; sealed surface
- Vegetated garden
- Tall forbs
- Ponds (priority habitat)
- Watercourse footprint
- Reedbeds
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
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Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

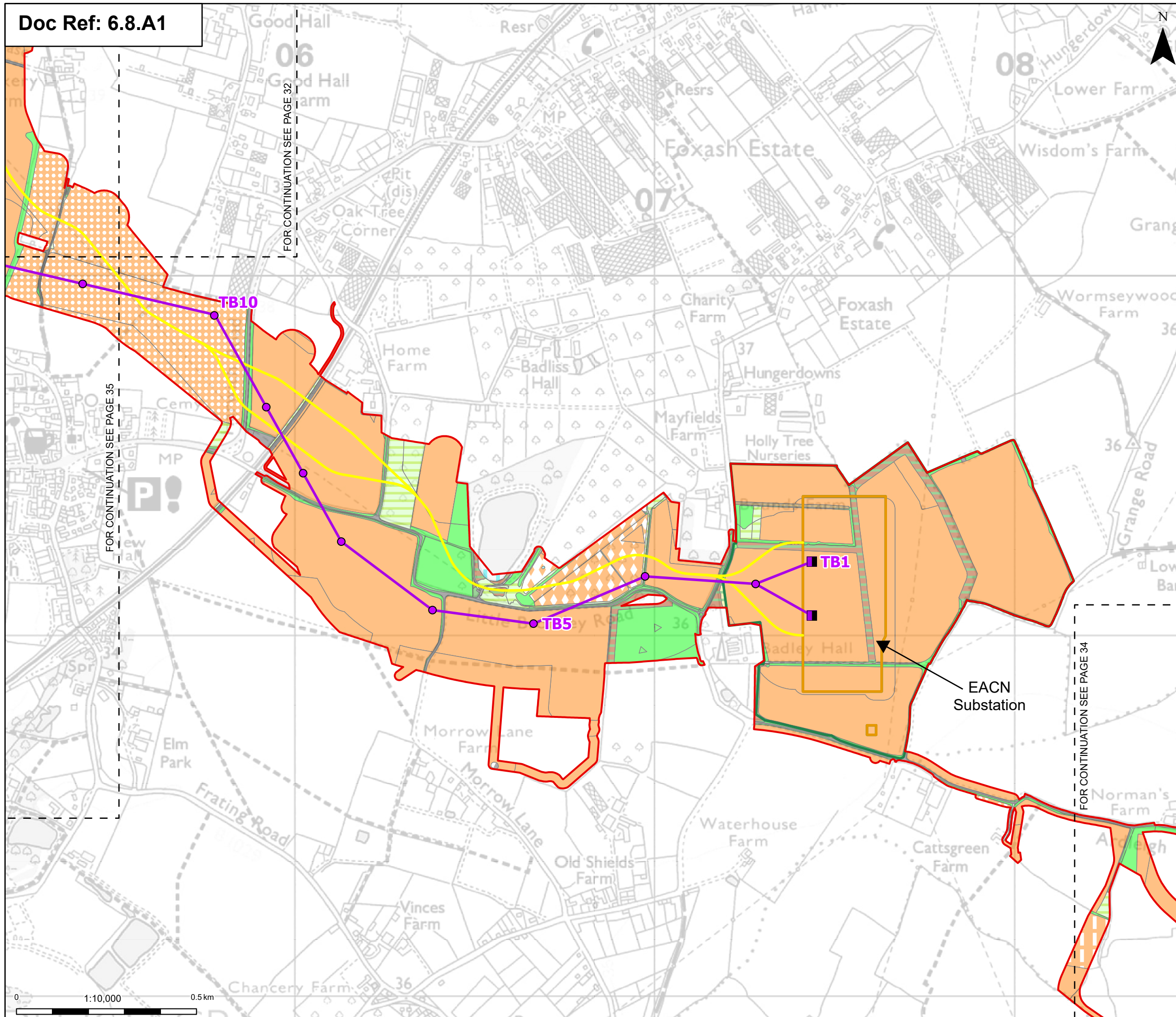
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections C and D**  
 Page 32 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

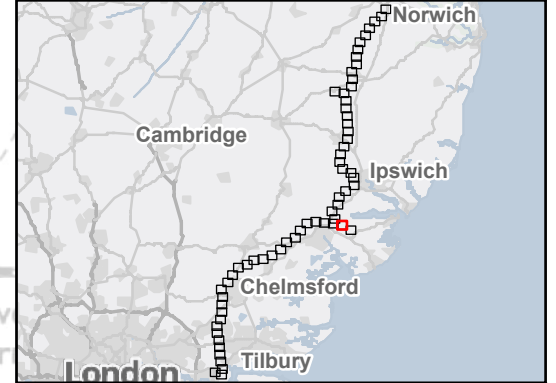
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Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section C**  
 Page 33 of 63

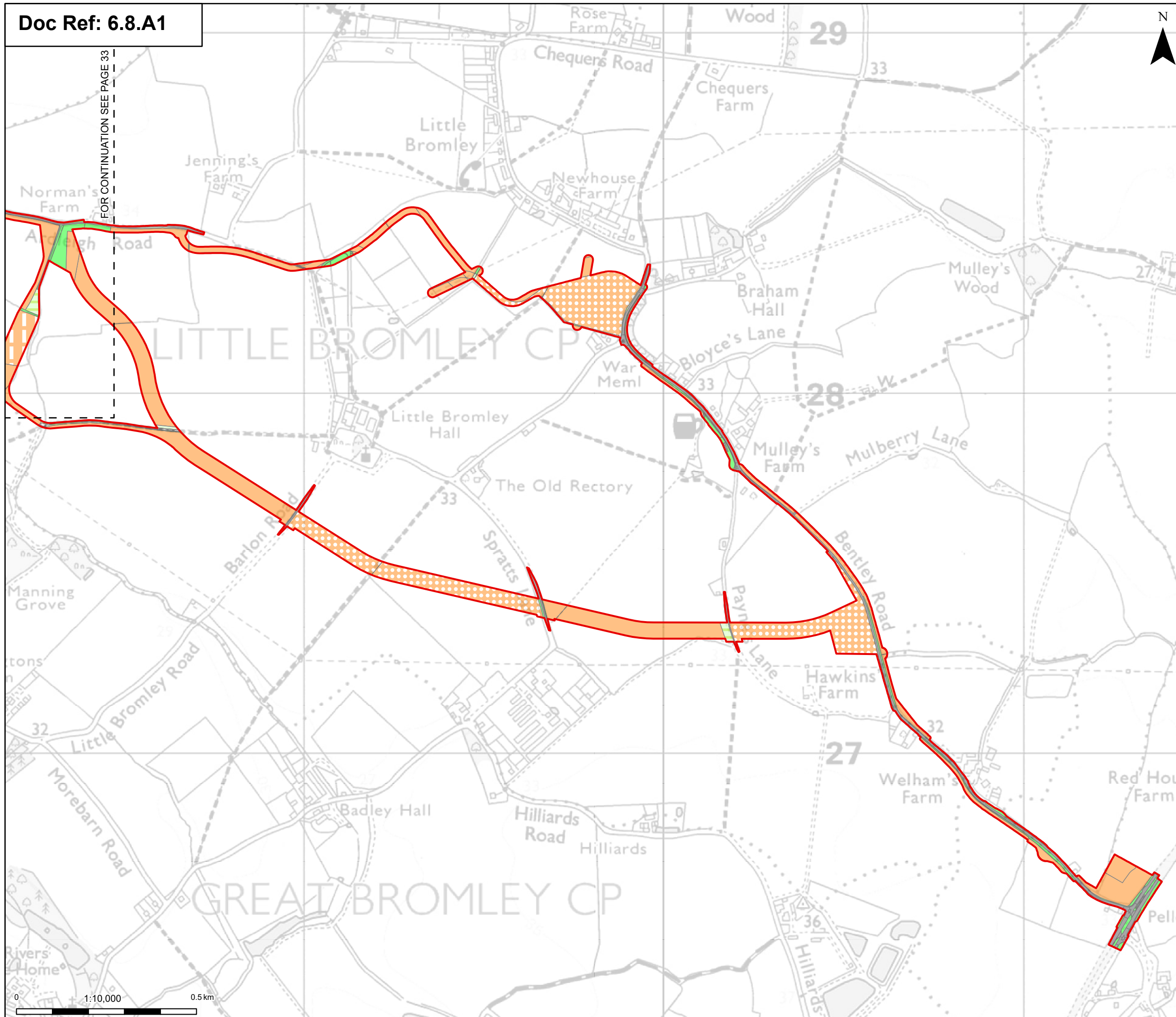
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**

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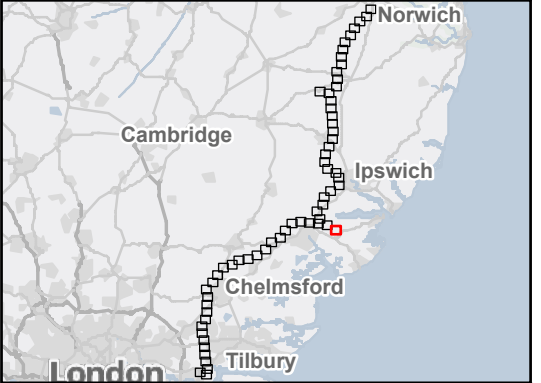


- Order limits
- Sheet index outline
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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**nationalgrid** Norwich to Tilbury

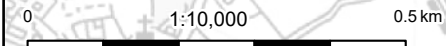
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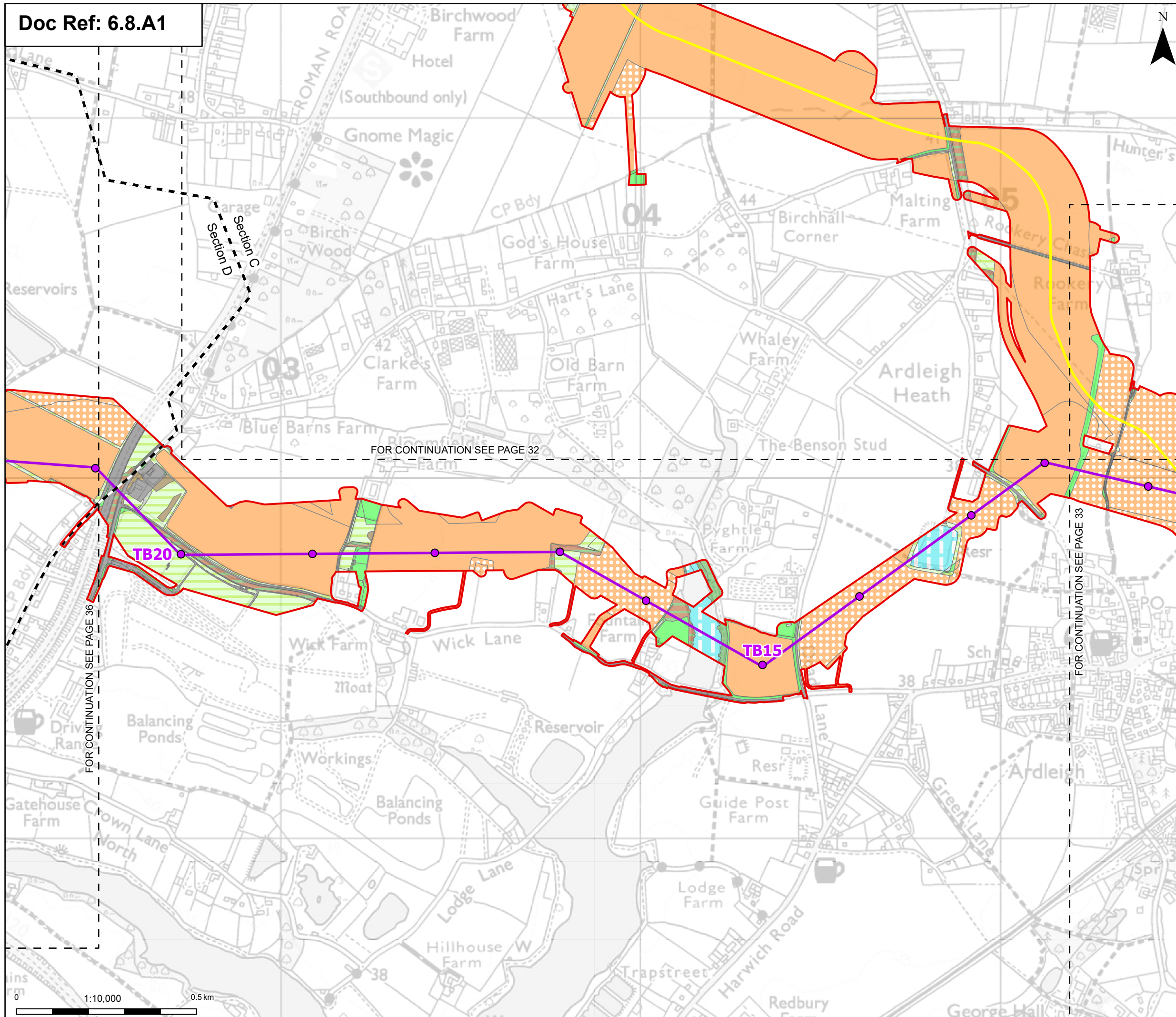
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section C**  
 Page 34 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

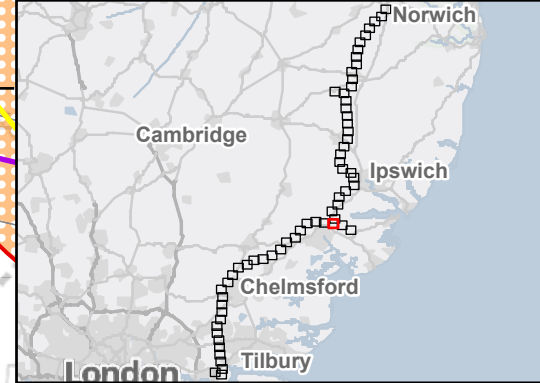
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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- Order limits
  - - - Sheet index outline
  - Project section line
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Cereal crops
  - Non-cereal crops
  - Temporary grass and clover leys
  - Modified grassland
  - Other neutral grassland
  - Blackthorn scrub
  - Bramble scrub
  - Mixed scrub
  - Artificial unvegetated, unsealed surface
  - Bare ground
  - Developed land; sealed surface
  - Vegetated garden
  - Tall forbs
  - Reservoirs
  - Watercourse footprint
  - Lowland mixed deciduous woodland
  - Other woodland; broadleaved
- Proposed project design details**
- Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed underground cable alignment
- Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.
- Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

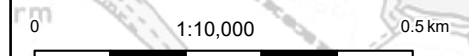
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections C and D**  
 Page 35 of 63

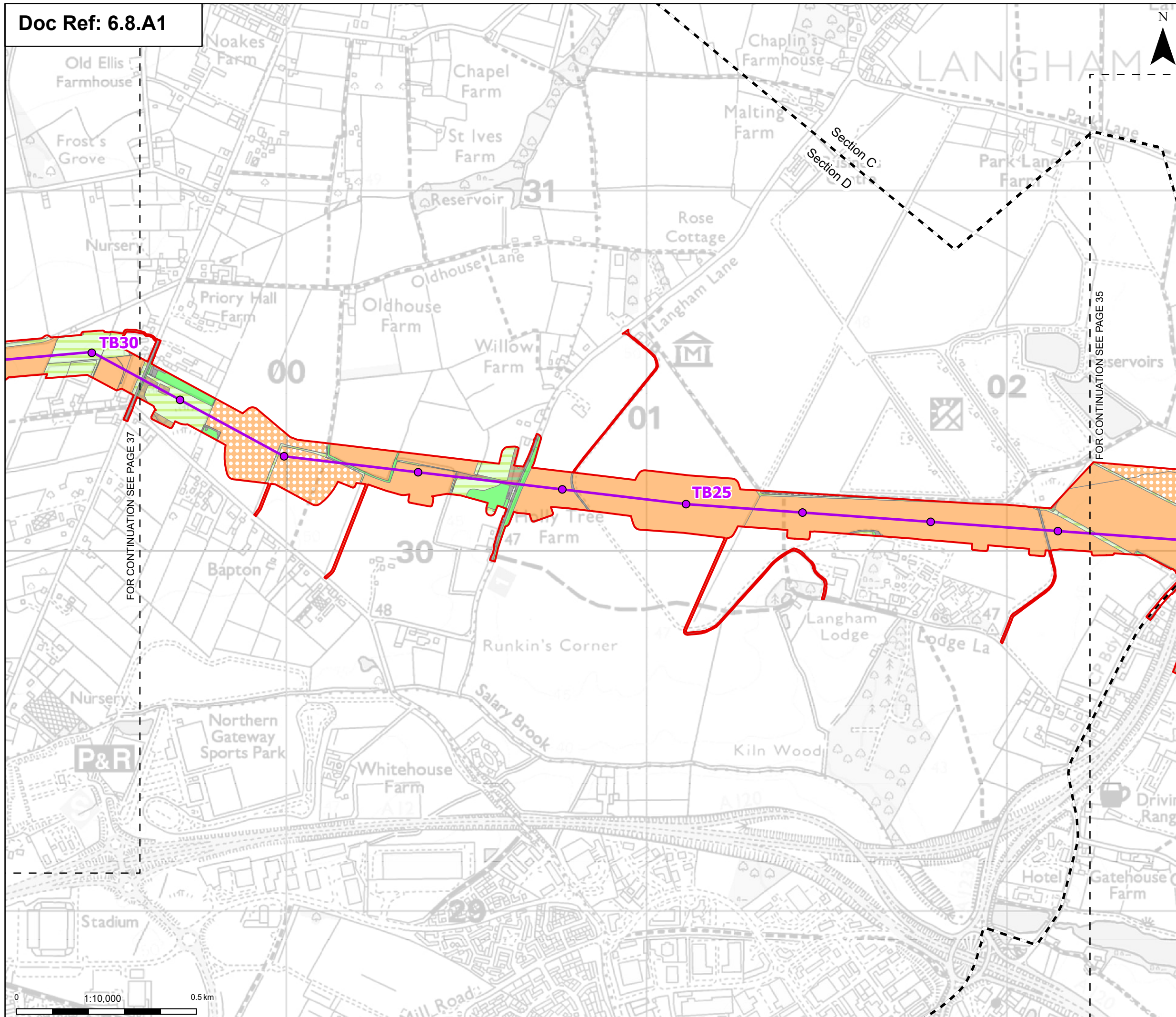
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





**Order limits**

- Sheet index outline
- Project section line

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Bracken
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Willow scrub
- Allotments
- Artificial unvegetated, unsealed surface

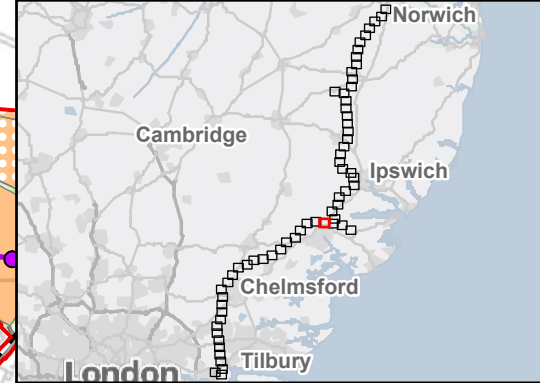
**Bare ground**

- Developed land; sealed surface
- Ruderal/Ephemeral
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

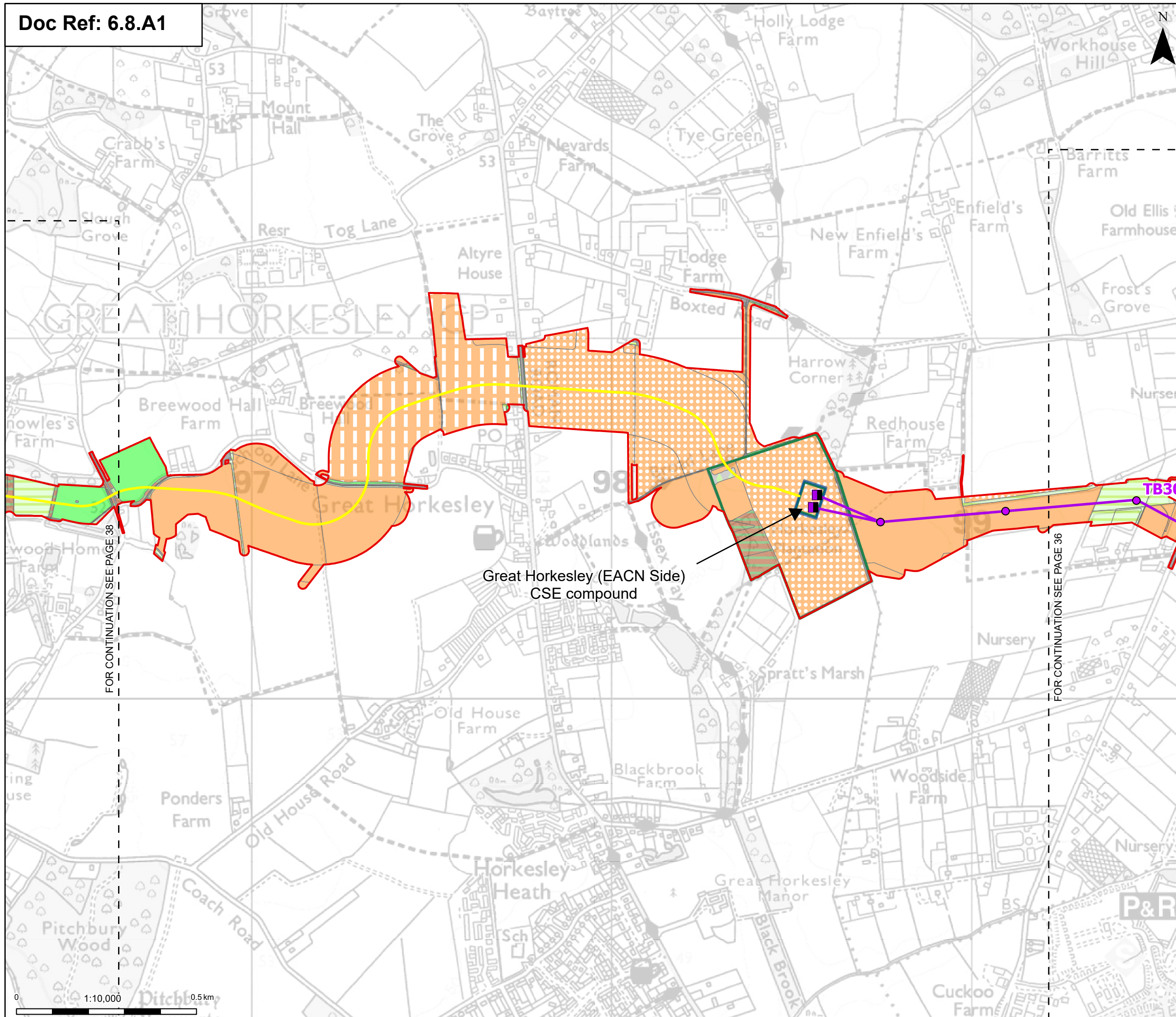
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**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections C and D**  
 Page 36 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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Revision:  
**C**

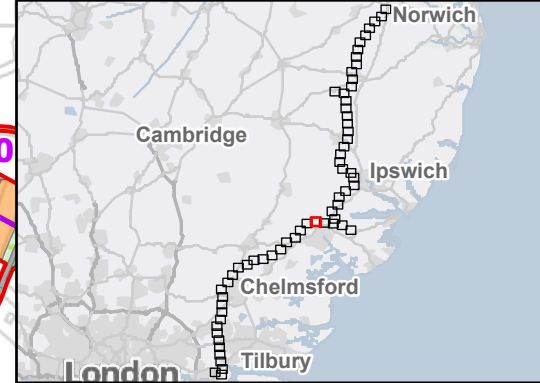


- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Cereal crops
- Intensive orchards
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Allotments
- Artificial unvegetated, unsealed surface
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Tall forbs
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
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Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

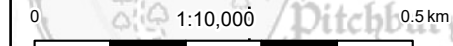
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section D  
 Page 37 of 63

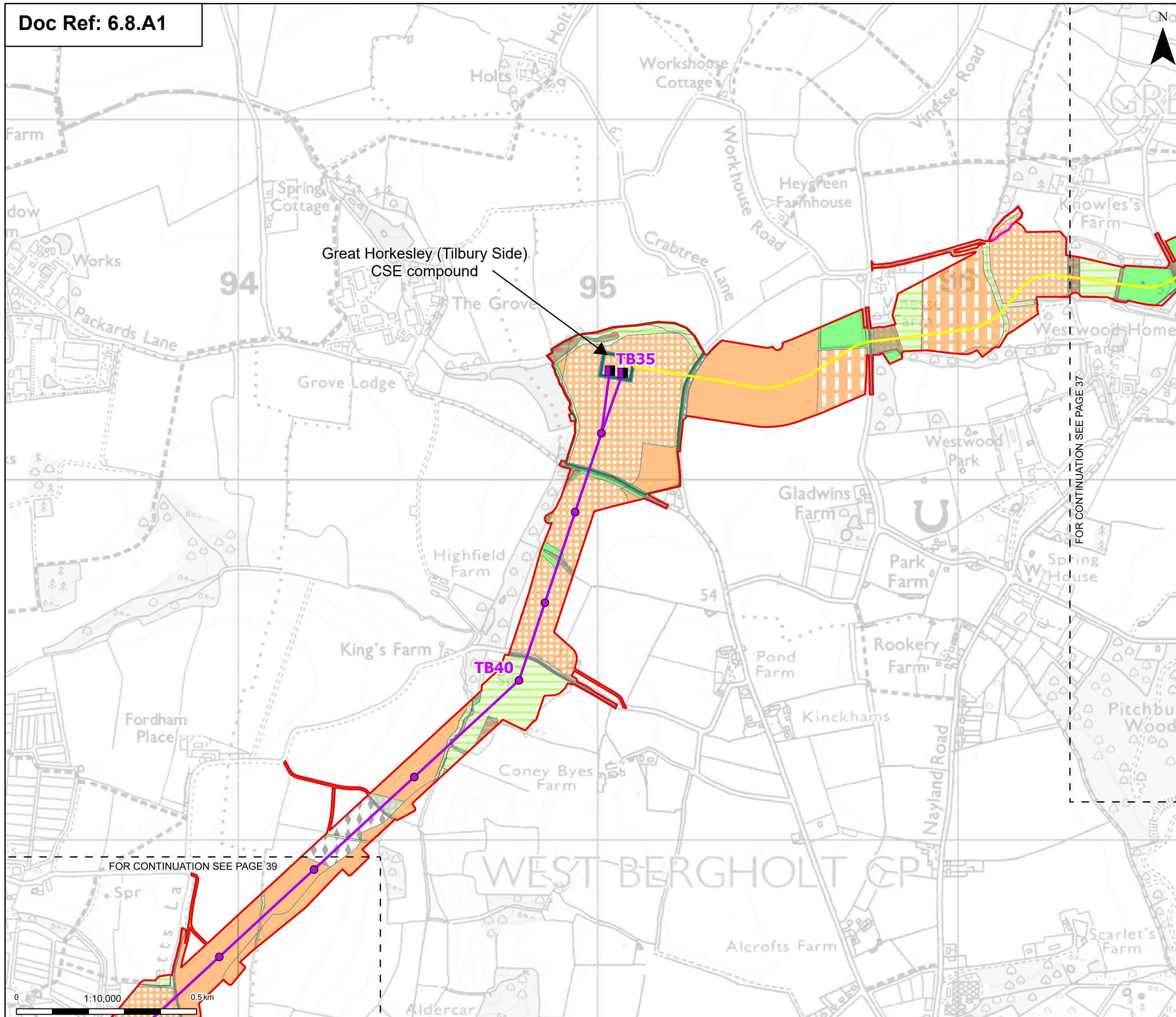
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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Drawing Number:  
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Revision:  
**C**



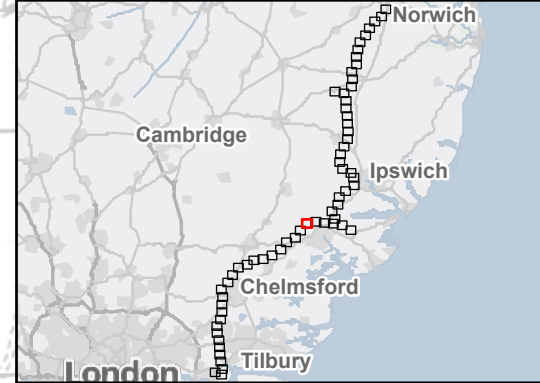


- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Tall forbs
- Ornamental lake or pond
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
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Planning Inspectorate App Number: EN020027  
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Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section D  
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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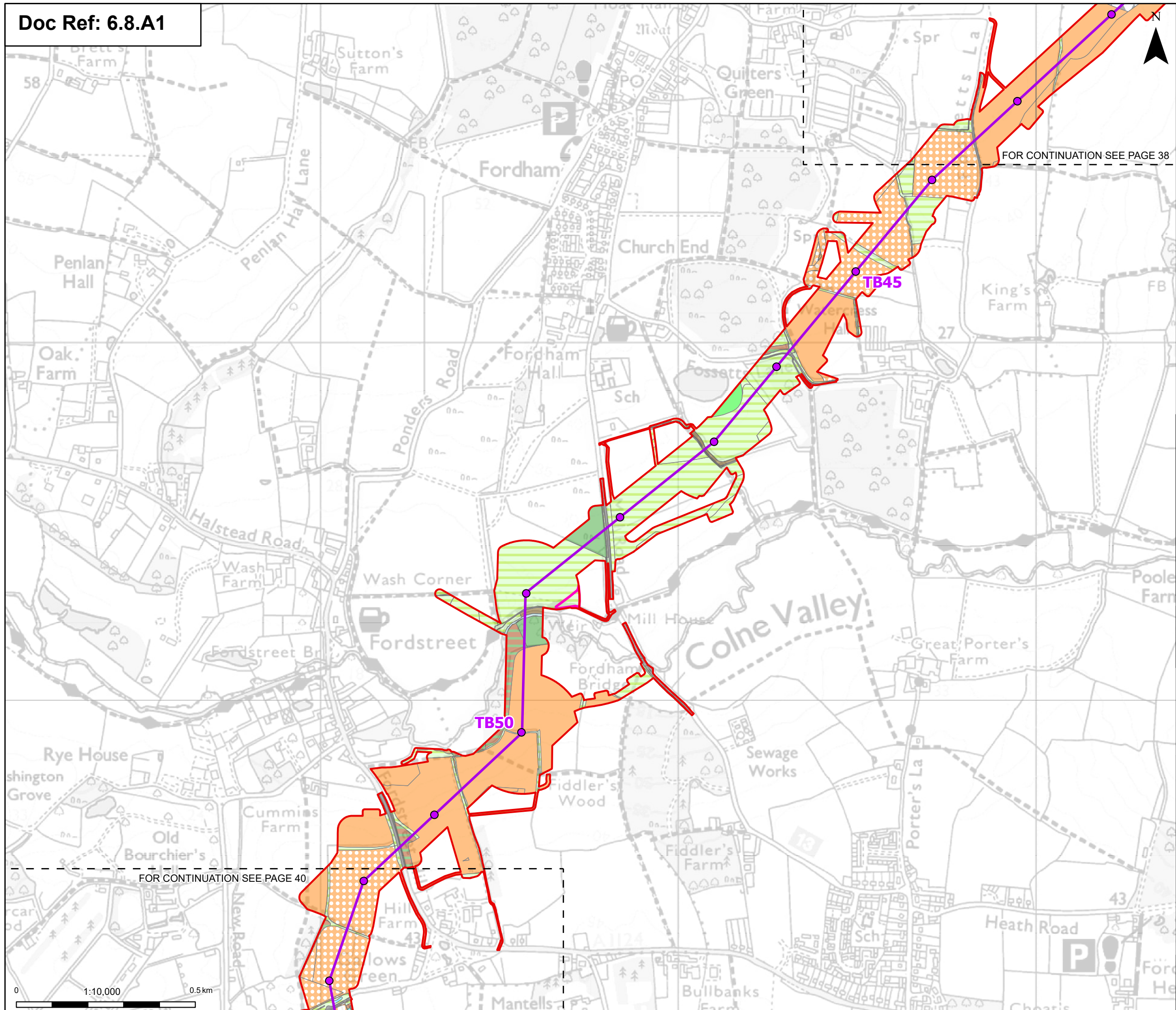
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**C**

FOR CONTINUATION SEE PAGE 39

FOR CONTINUATION SEE PAGE 37





**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Blackthorn scrub
- Mixed scrub
- Willow scrub
- Bare ground
- Built linear features
- Developed land; sealed surface

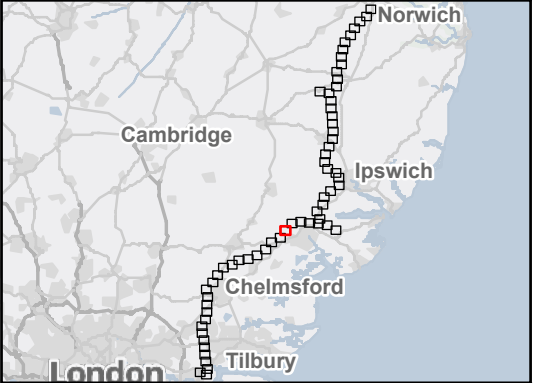
**Ponds (priority habitat)**

- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Wet woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

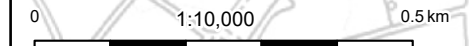
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section D  
 Page 39 of 63

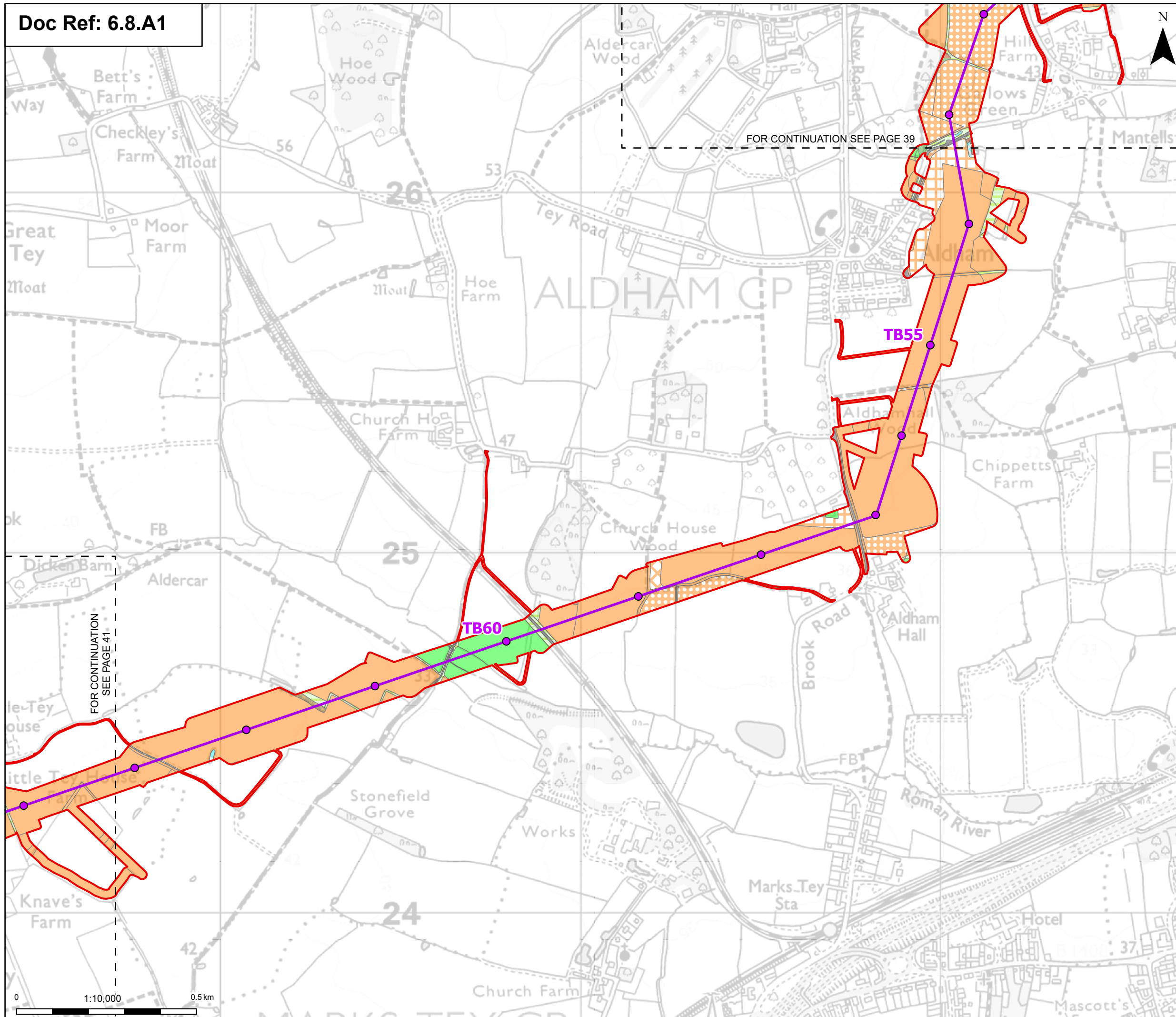
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





**Order limits**

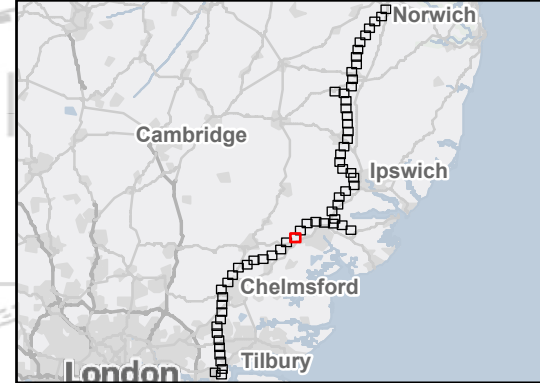
- Sheet index outline
- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins game bird mix
- Arable field margins pollen and nectar
- Arable field margins tussocky
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Artificial unvegetated, unsealed surface
- Built linear features
- Developed land: sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland: broadleaved

**Notes:**

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
nationalgrid Norwich to Tilbury

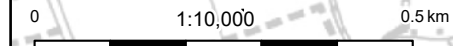
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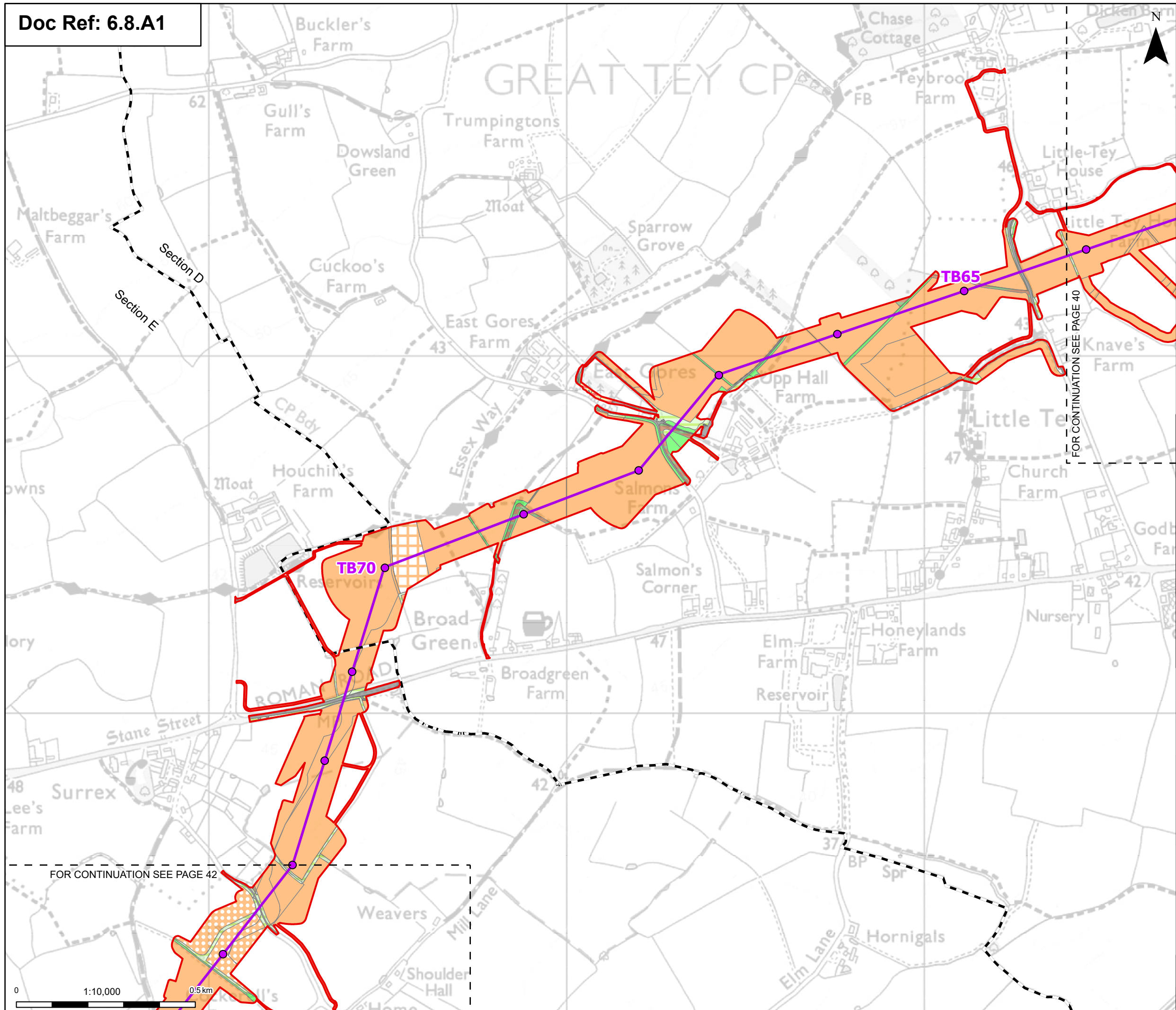
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Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section D  
Page 40 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision: C
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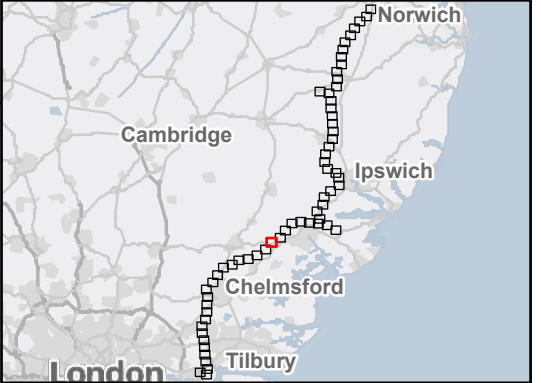


- ▬ Order limits
- ▬ Sheet index outline
- ▬ Project section line
- Proposed standard lattice pylon location
- ▬ Proposed overhead line alignment
- ▬ Arable field margins game bird mix
- ▬ Cereal crops
- ▬ Non-cereal crops
- ▬ Modified grassland
- ▬ Other neutral grassland
- ▬ Bramble scrub
- ▬ Artificial unvegetated, unsealed surface
- ▬ Bare ground
- ▬ Built linear features
- ▬ Developed land; sealed surface
- ▬ Vegetated garden
- ▬ Ruderal/Ephemeral
- ▬ Lowland mixed deciduous woodland
- ▬ Other woodland; broadleaved
- ▬ Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
nationalgrid Norwich to Tilbury

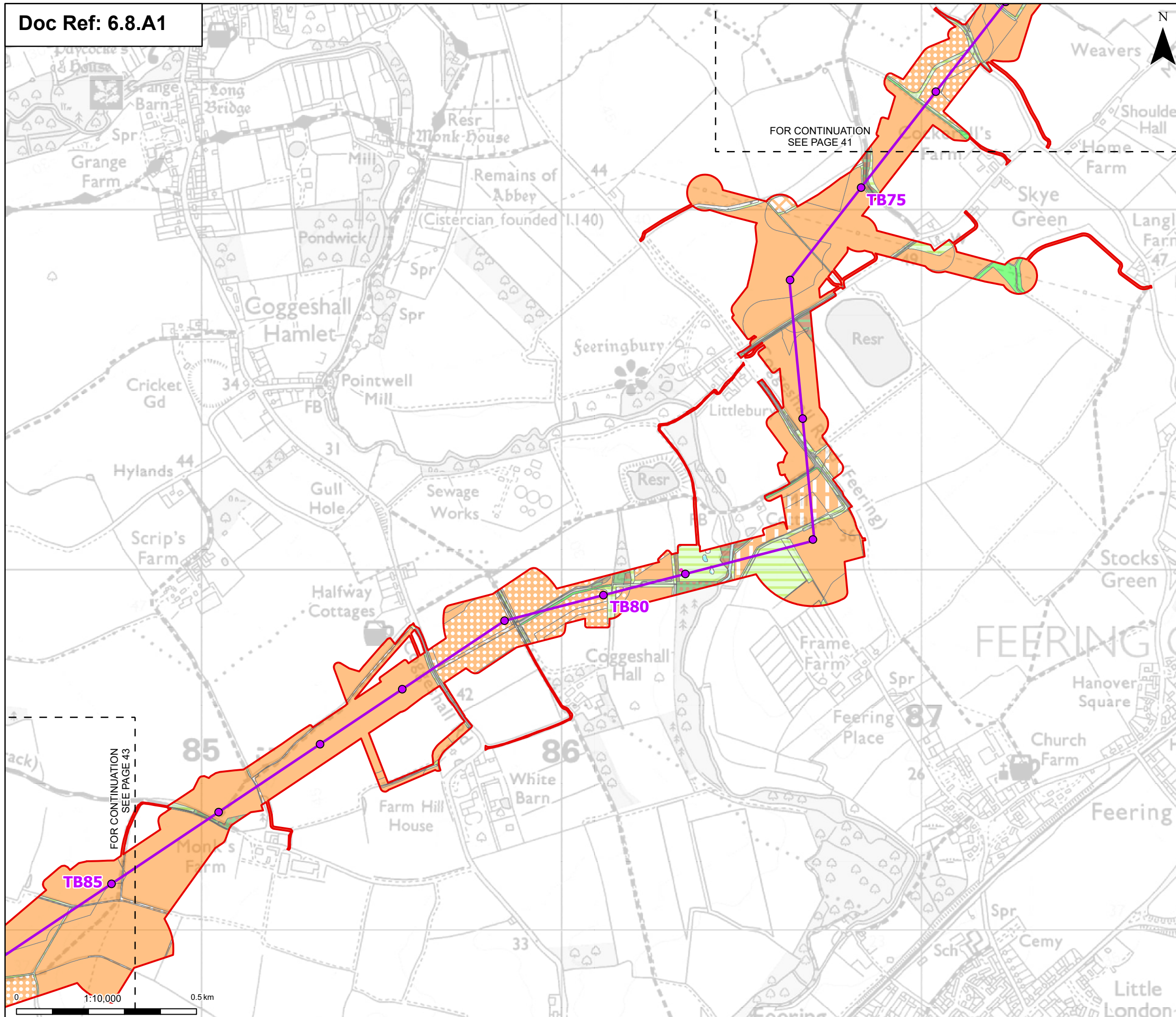
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Regulation 5(2)(a)&(I)(ii)

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Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections D and E  
Page 41 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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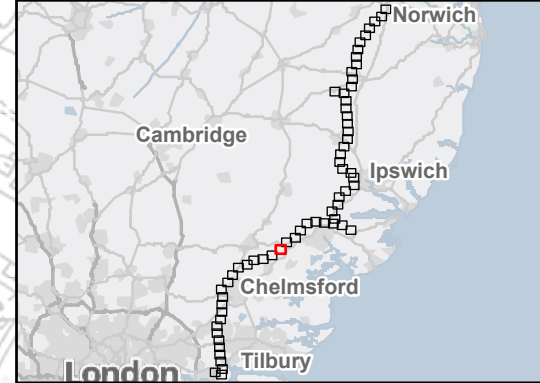
**Order limits**

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- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Arable field margins cultivated annually
- Arable field margins pollen and nectar
- Cereal crops
- Intensive orchards
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Vacant or derelict land
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

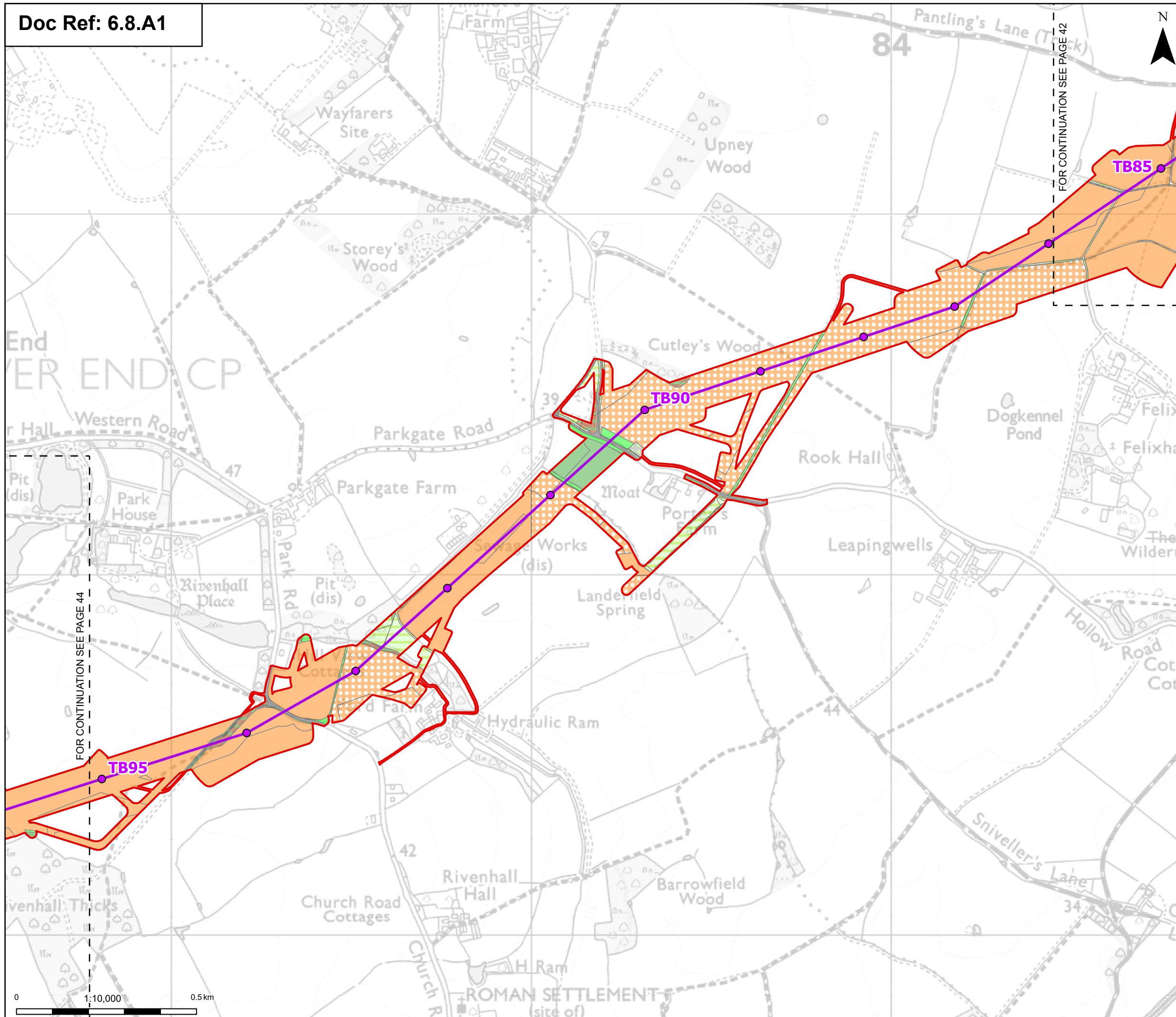
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 Section E  
 Page 42 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



**Order limits**  
 Sheet index outline

**Proposed project design details**

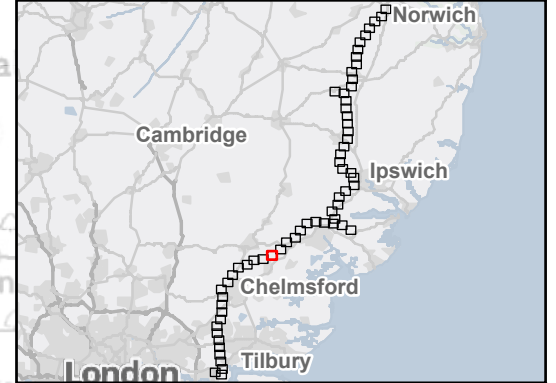
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- Proposed overhead line alignment
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Developed land; sealed surface
- Tall forbs
- Ponds (priority habitat)

Lowland mixed deciduous woodland  
 Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

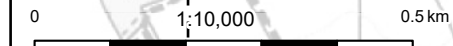
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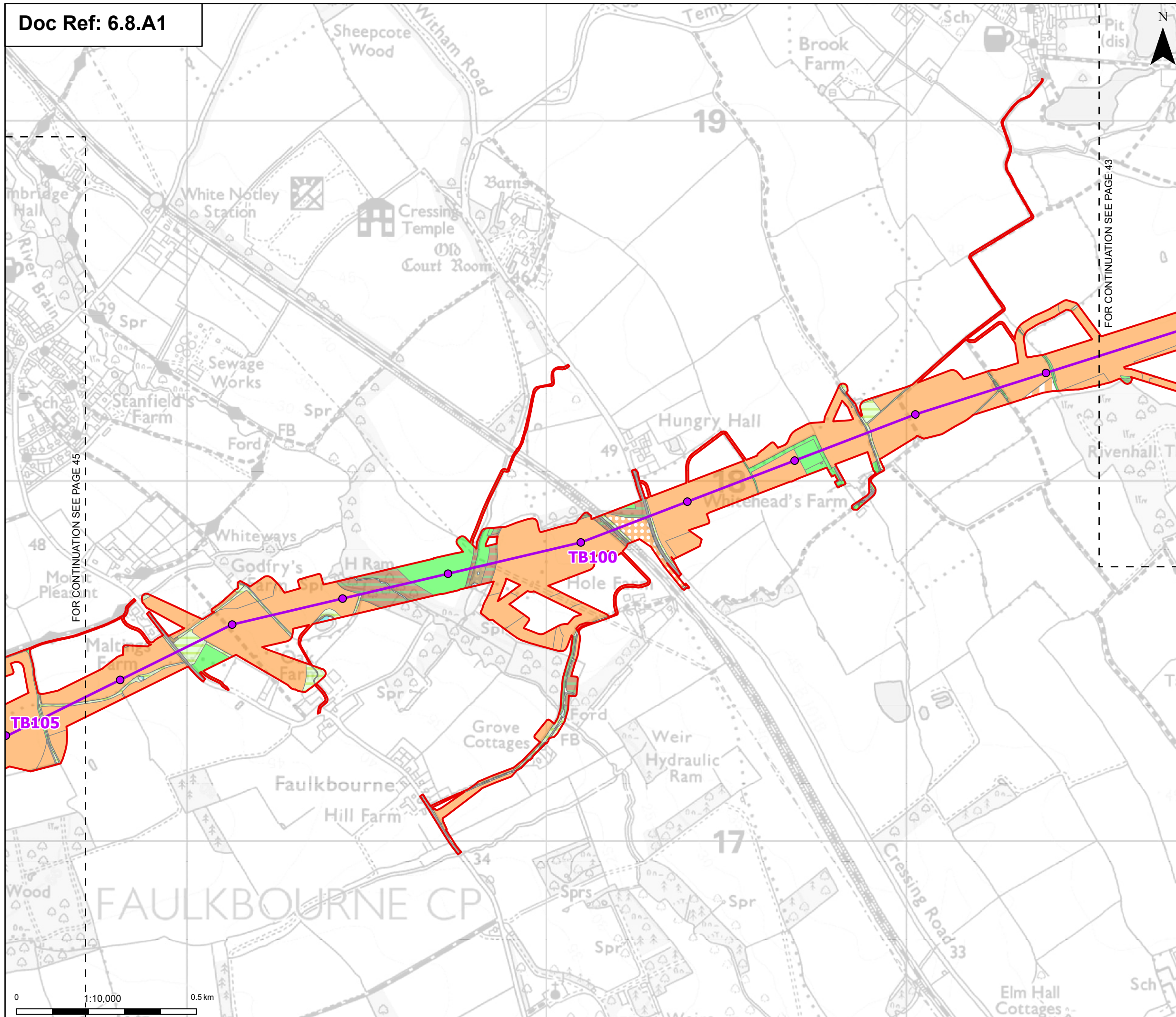
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 Section E  
 Page 43 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land: sealed surface
- Ponds (priority habitat)

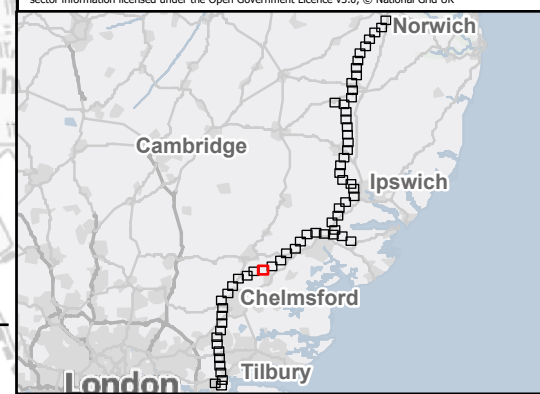
**Reservoirs**

- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

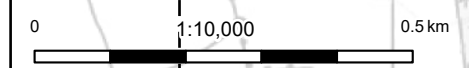
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section E  
 Page 44 of 63

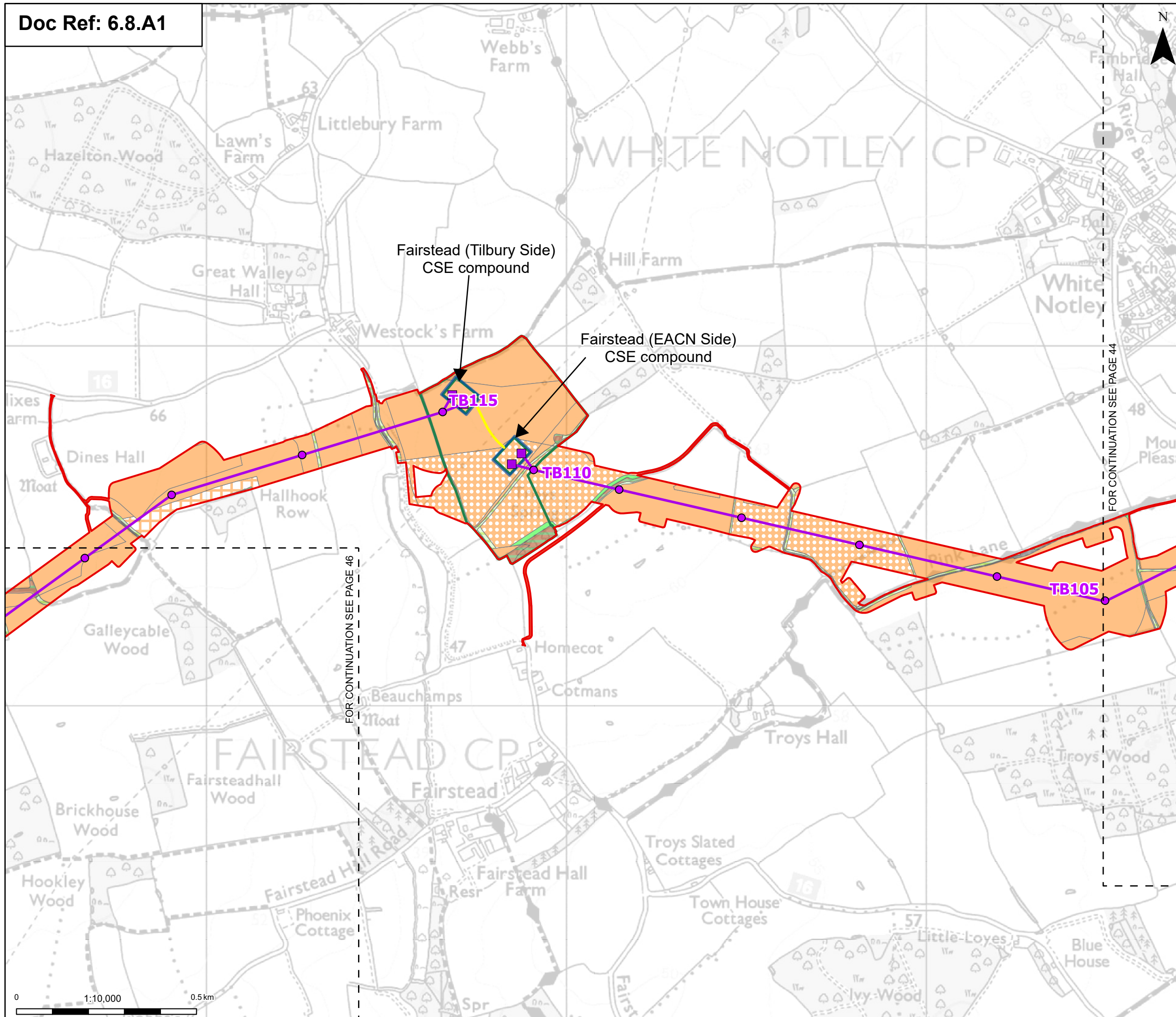
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



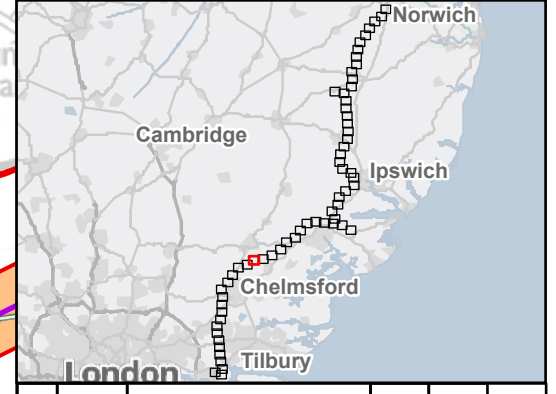


- ▬ Order limits
- Sheet index outline
- Proposed low duty gantry location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Built linear features
- Developed land; sealed surface
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

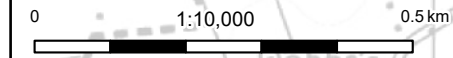
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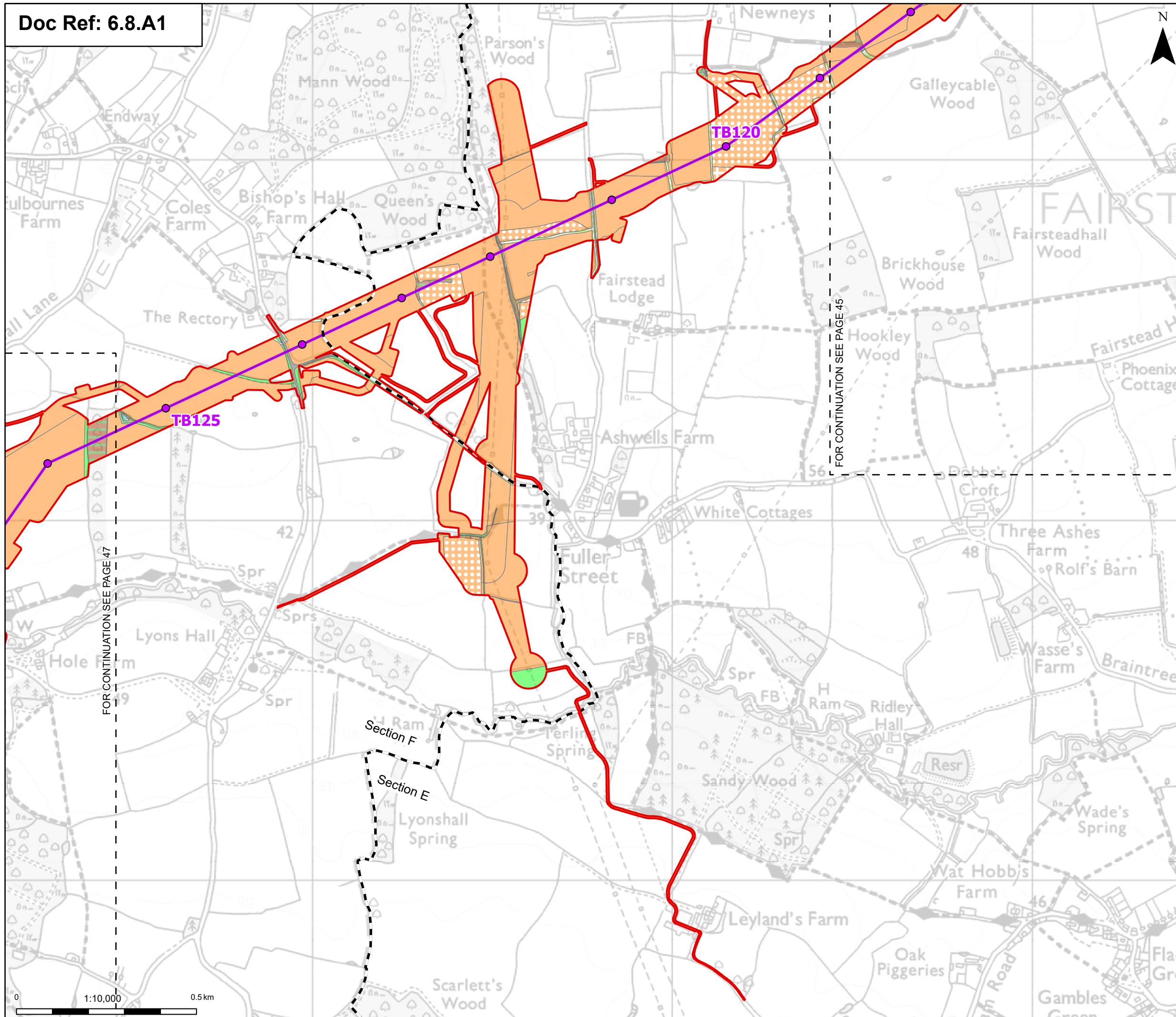
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section E  
 Page 45 of 63

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Order limits**

- Sheet index outline
- Project section line

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface

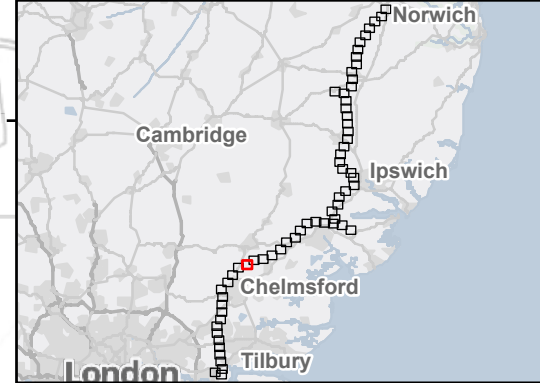
**Habitats**

- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
nationalgrid Norwich to Tilbury

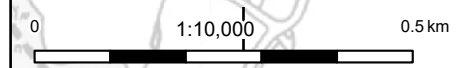
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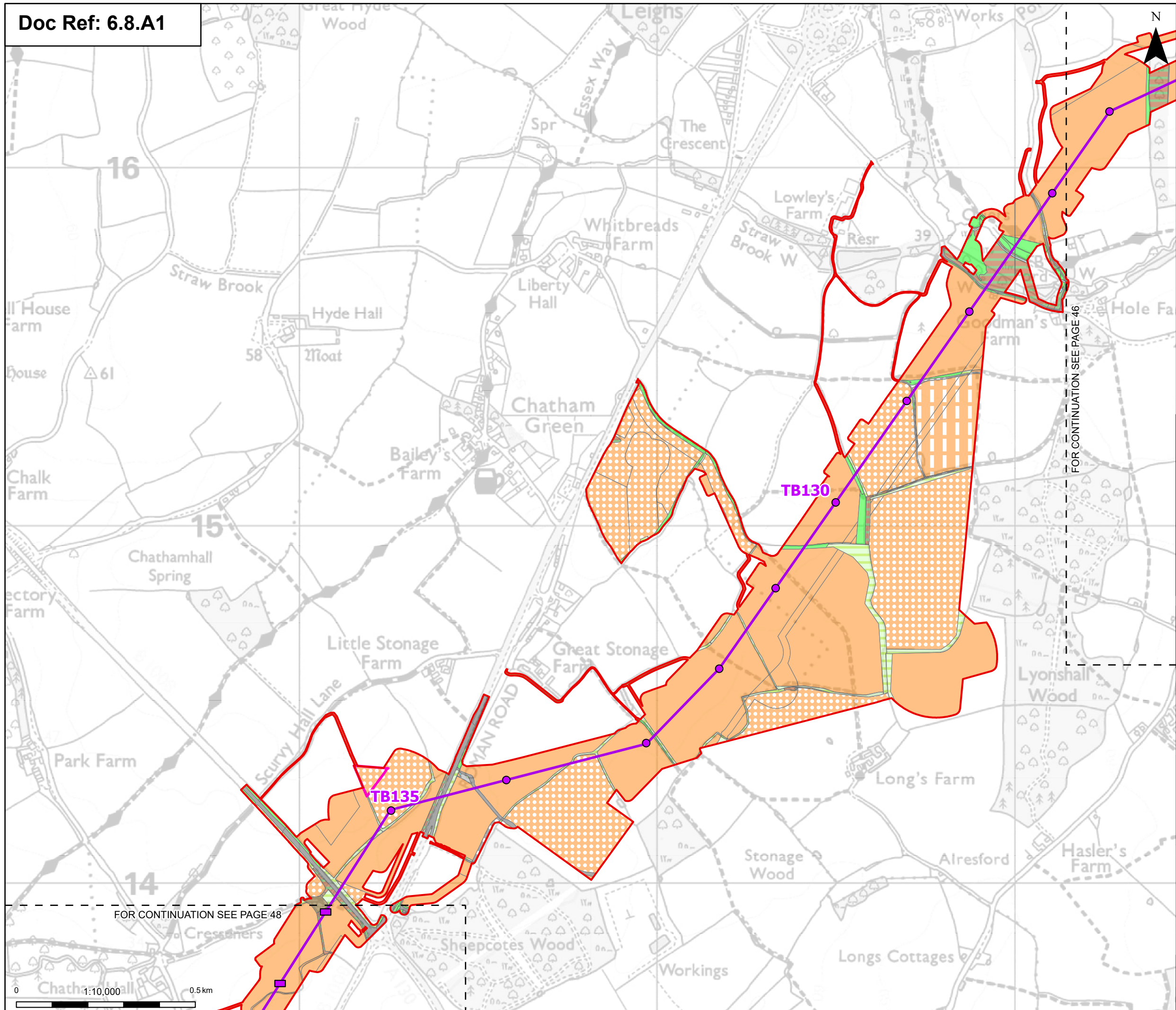
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Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections E and F  
Page 46 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
Revision: C





**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Arable field margins cultivated annually
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Blackthorn scrub
- Bramble scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features

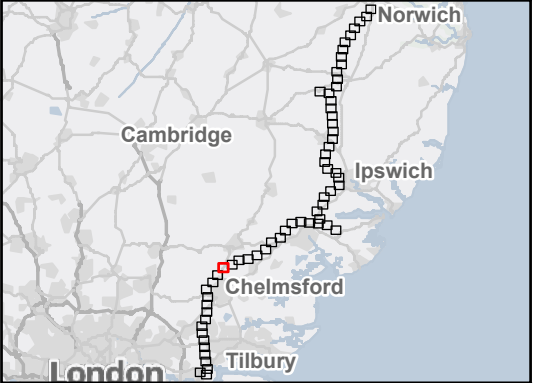
**Developed land; sealed surface**

- Ruderal/Ephemeral
- Ponds (priority habitat)
- Ponds (non-priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
nationalgrid Norwich to Tilbury

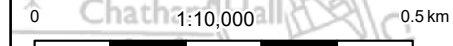
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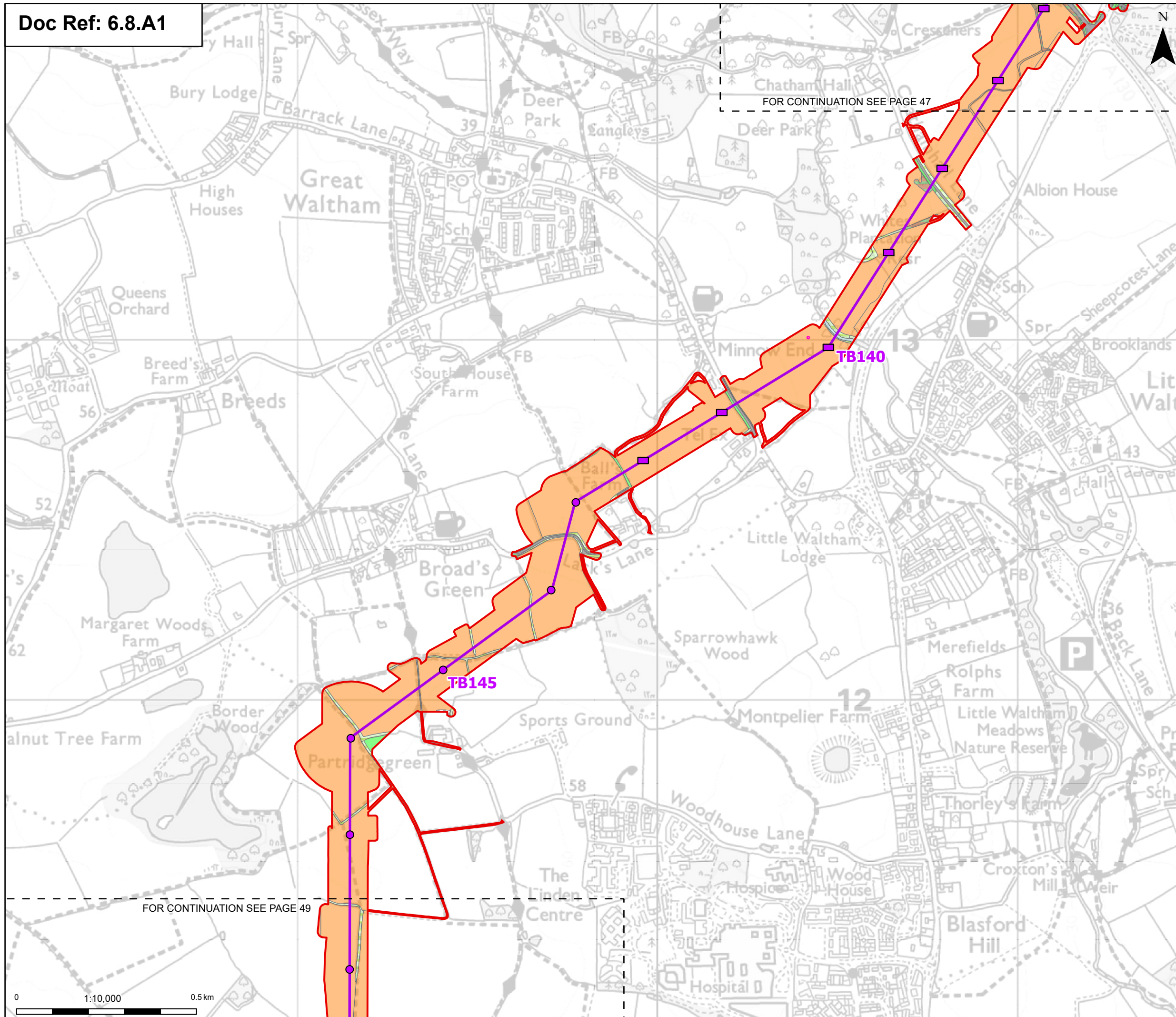
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Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section F  
Page 47 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Order limits**  
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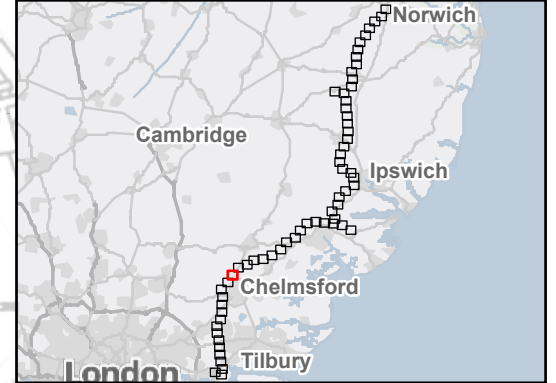
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 Proposed low height pylon location  
 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Environmental mitigation  
 Cereal crops  
 Modified grassland  
 Other neutral grassland  
 Blackthorn scrub  
 Artificial unvegetated, unsealed surface  
 Developed land; sealed surface  
 Watercourse footprint

Lowland mixed deciduous woodland  
 Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

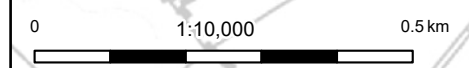
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section F  
 Page 48 of 63

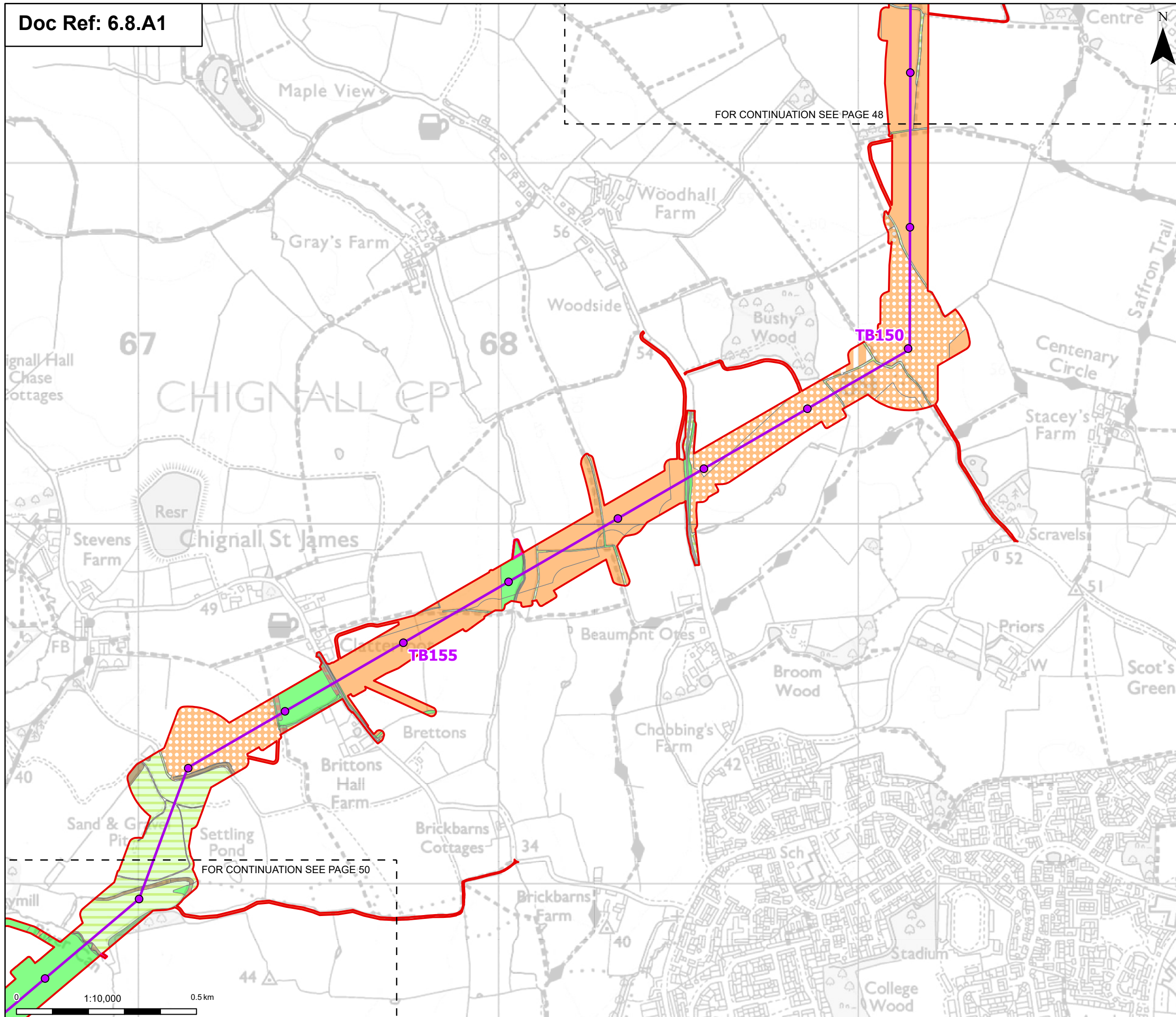
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C





**Order limits**

- Sheet index outline
- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features

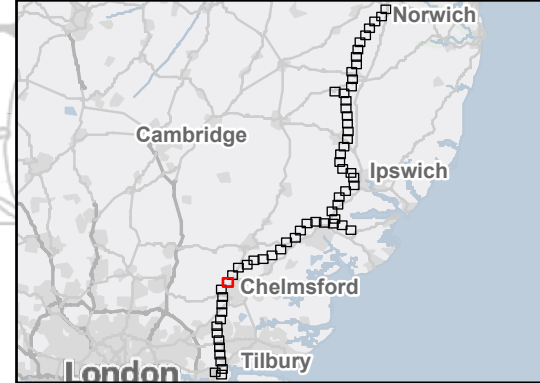
**Developed land; sealed surface**

- Vegetated garden
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

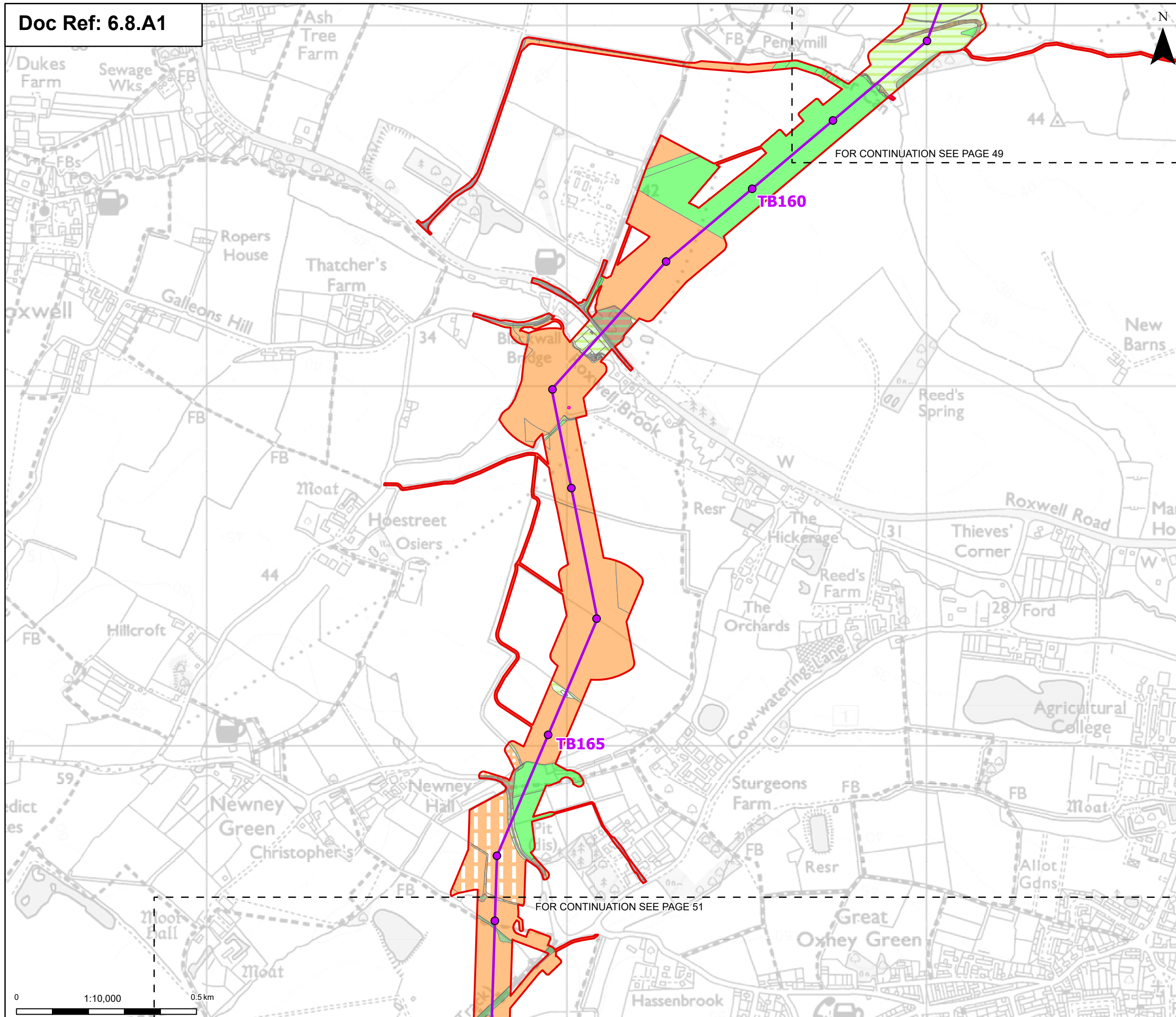
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 Section F  
 Page 49 of 63

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



**Order limits**  
 Sheet index cutline

**Proposed project design details**  
 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Environmental mitigation  
 Cereal crops  
 Non-cereal crops  
 Temporary grass and clover leys  
 Winter stubble  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Mixed scrub  
 Artificial unvegetated, unsealed surface  
 Bare ground  
 Built linear features

Developed land; sealed surface  
 Ruderal/Ephemeral  
 Watercourse footprint  
 Lowland mixed deciduous woodland  
 Other woodland; broadleaved  
 Other woodland; mixed

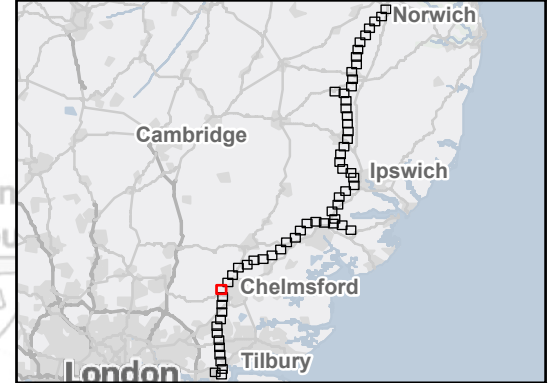
Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

FOR CONTINUATION SEE PAGE 49

FOR CONTINUATION SEE PAGE 51

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Rev	Date	Description	Drawn	Check	Approv
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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
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PROJECT:  
**nationalgrid** Norwich to Tilbury

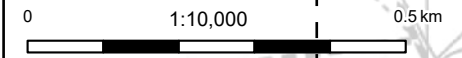
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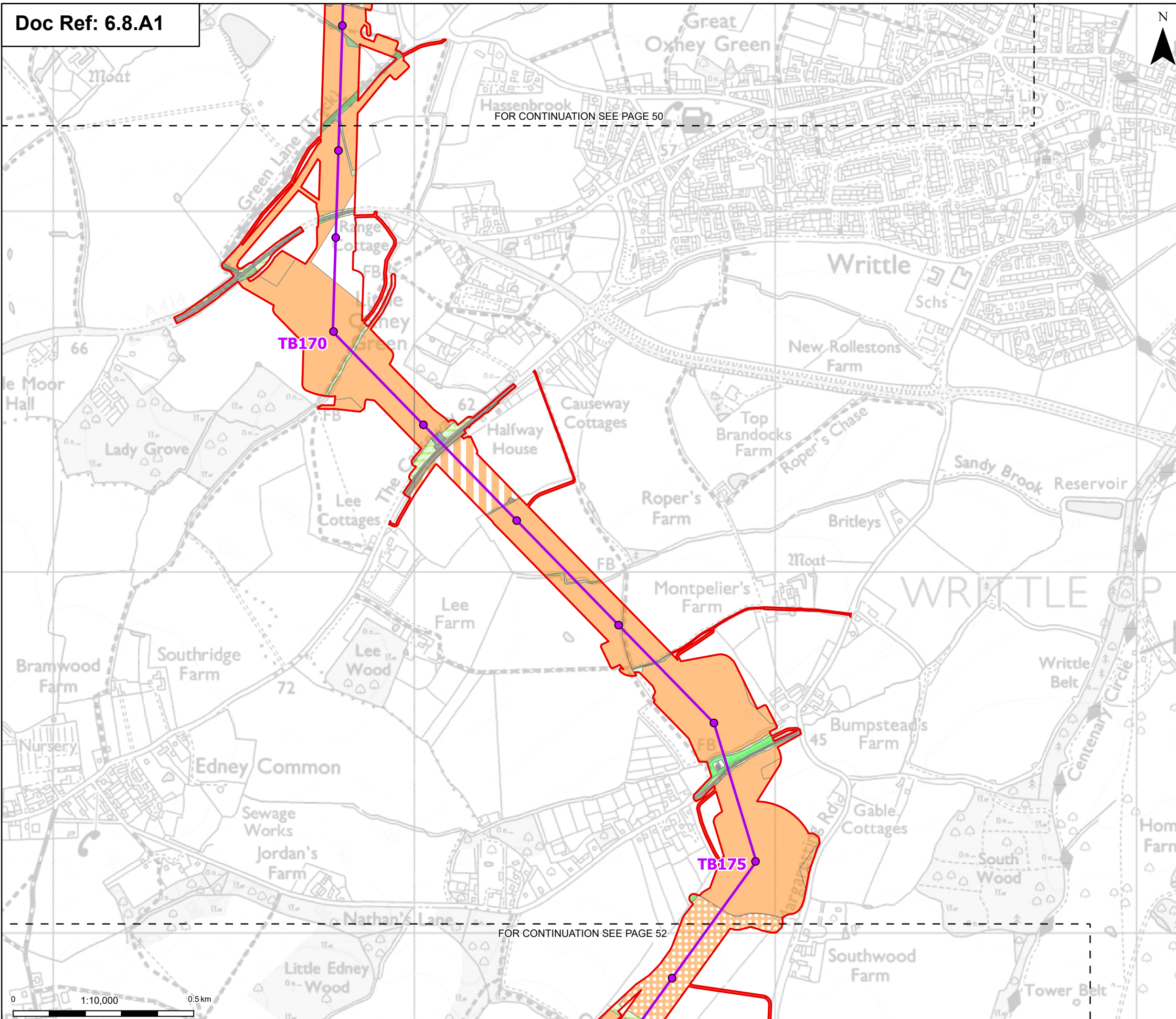
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 Section F  
 Page 50 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision: C
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**Order limits**

- Sheet index outline

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Non-cereal crops
- Temporary grass and clover leys
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground

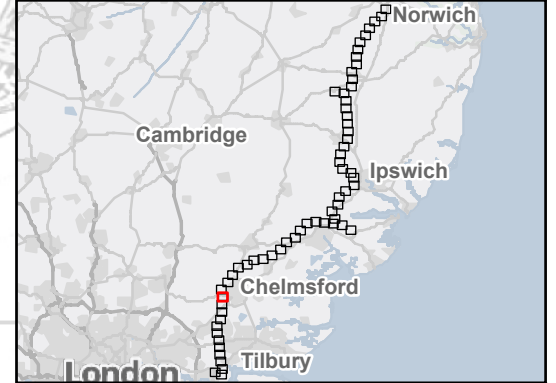
**Built linear features**

- Developed land; sealed surface
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

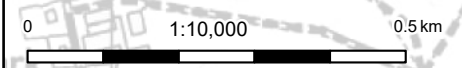
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 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section F  
 Page 51 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

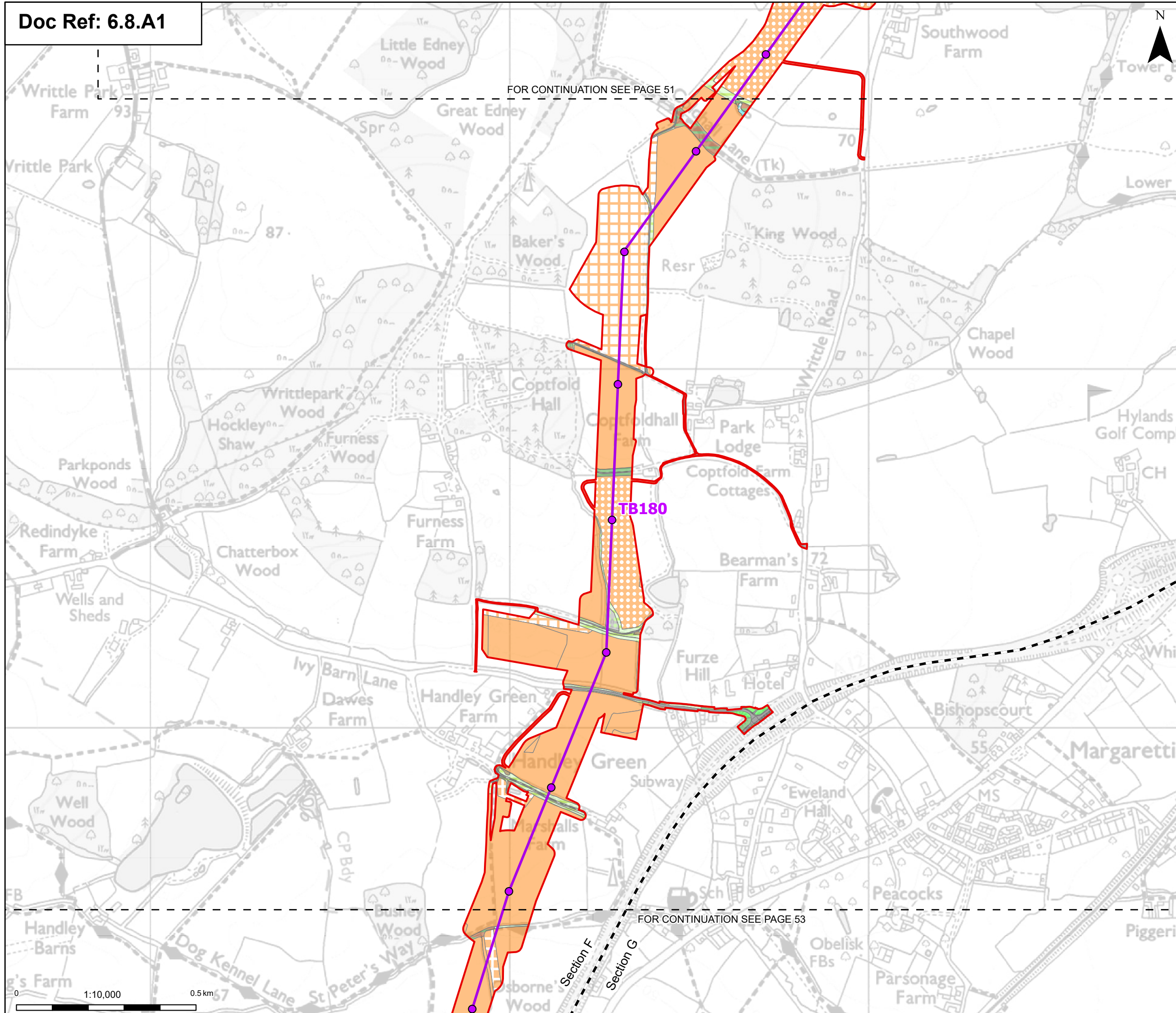
Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



FOR CONTINUATION SEE PAGE 51

FOR CONTINUATION SEE PAGE 53



**Order limits**

- Sheet index outline
- Project section line

**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins cultivated annually
- Arable field margins game bird mix
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features

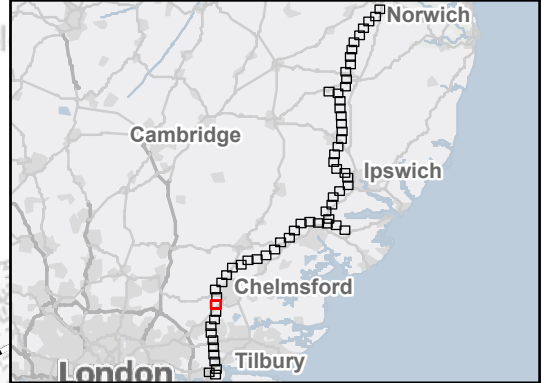
**Developed land; sealed surface**

- Tall forbs
- Ponds (priority habitat)
- Lowland mixed deciduous woodland
- Other woodland; broadleaved
- Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

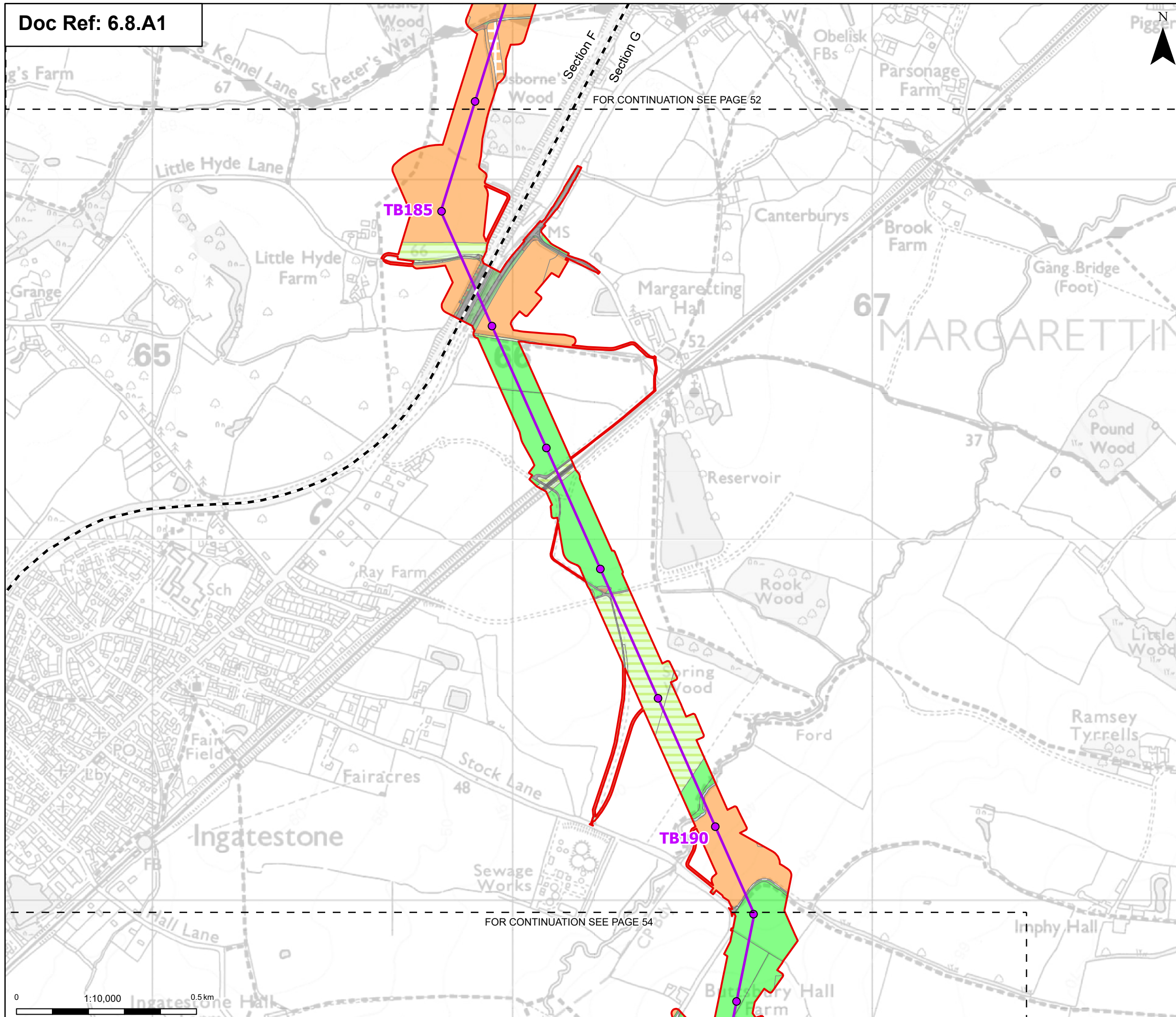
Title:  
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 Page 52 of 63

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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
 C



**Order limits**  
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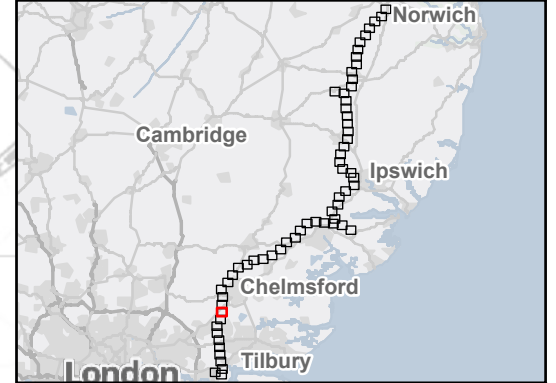
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 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Environmental mitigation  
 Arable field margins cultivated annually  
 Cereal crops  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Bare ground  
 Built linear features  
 Developed land; sealed surface

**Watercourse footprint**  
 Lowland mixed deciduous woodland  
 Other woodland; broadleaved

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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**PROJECT:**  
 nationalgrid Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

**Title:**  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections F and G  
 Page 53 of 63

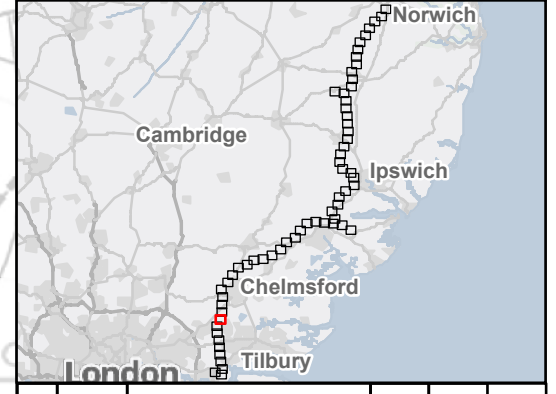
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C

FOR CONTINUATION SEE PAGE 53

FOR CONTINUATION SEE PAGE 55

- ▬ Order limits
  - ▬ Sheet index outline
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - ▬ Cereal crops
  - ▬ Non-cereal crops
  - ▬ Temporary grass and clover leys
  - ▬ Modified grassland
  - ▬ Other neutral grassland
  - ▬ Blackthorn scrub
  - ▬ Bramble scrub
  - ▬ Built linear features
  - ▬ Developed land; sealed surface
  - ▬ Vegetated garden
  - ▬ Ruderal/Ephemeral
  - ▬ Watercourse footprint
  - ▬ Lowland mixed deciduous woodland
  - ▬ Other coniferous woodland
  - ▬ Other woodland; broadleaved
- Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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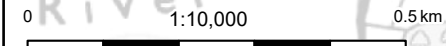
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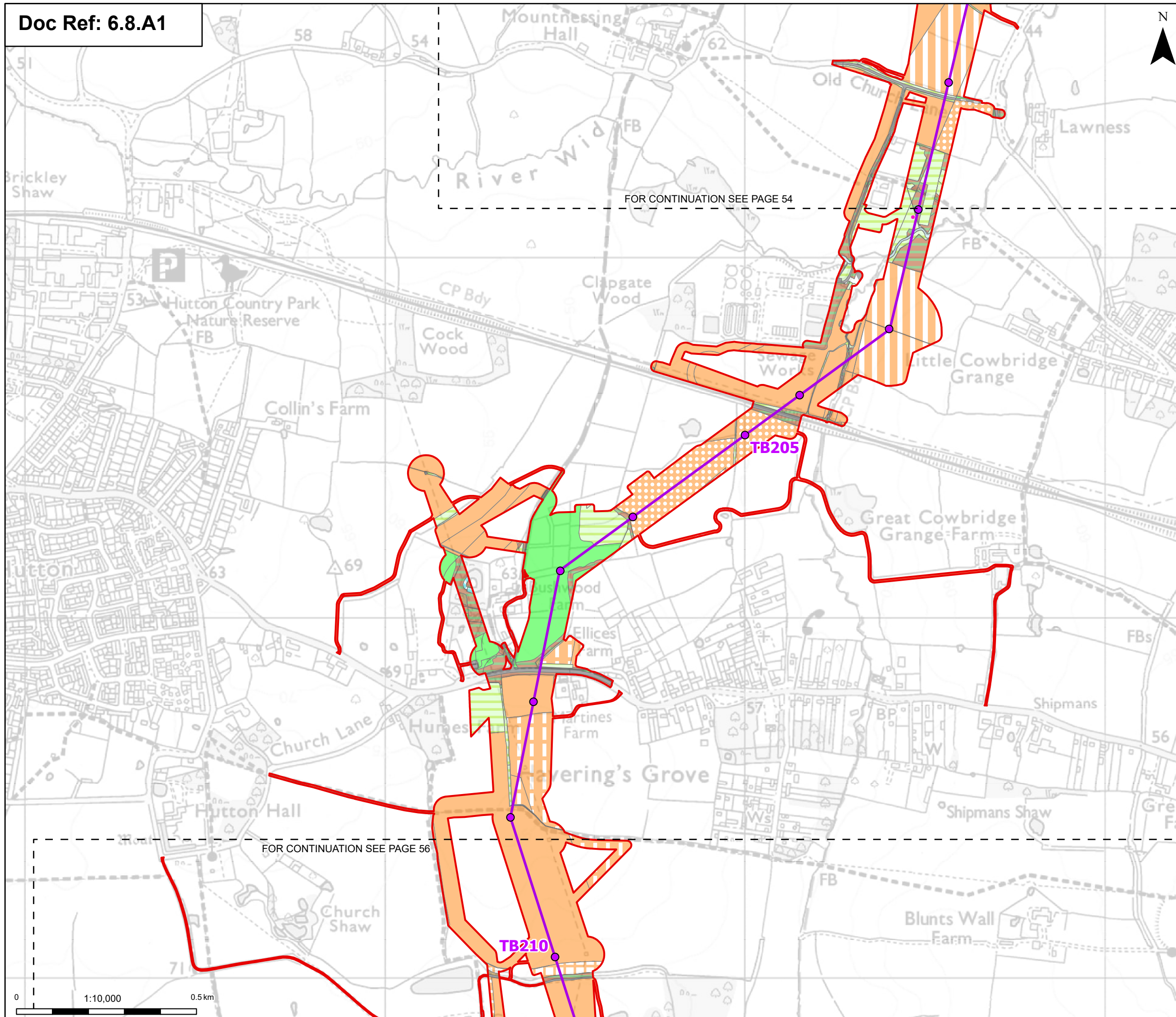
PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
 Section G  
 Page 54 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
 Revision: C





FOR CONTINUATION SEE PAGE 54

FOR CONTINUATION SEE PAGE 56

TB210

**Order limits**  
 Sheet index outline

**Proposed project design details**  
 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Environmental mitigation  
 Arable field margins cultivated annually  
 Arable field margins game bird mix  
 Cereal crops  
 Non-cereal crops  
 Temporary grass and clover leys  
 Winter stubble  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Mixed scrub  
 Bare ground  
 Built linear features

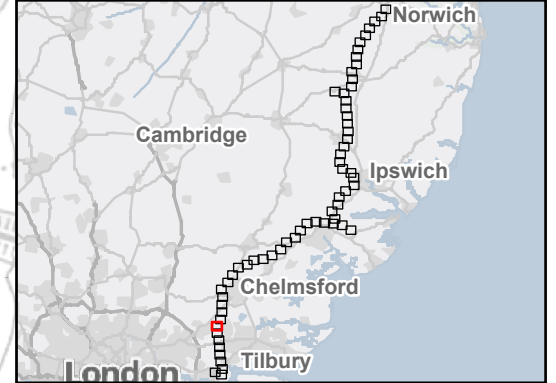
Developed land; sealed surface  
 Ponds (priority habitat)  
 Watercourse footprint  
 Lowland mixed deciduous woodland  
 Other coniferous woodland  
 Other woodland; broadleaved  
 Wet woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

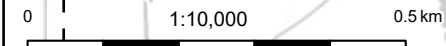
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 Section G  
 Page 55 of 63

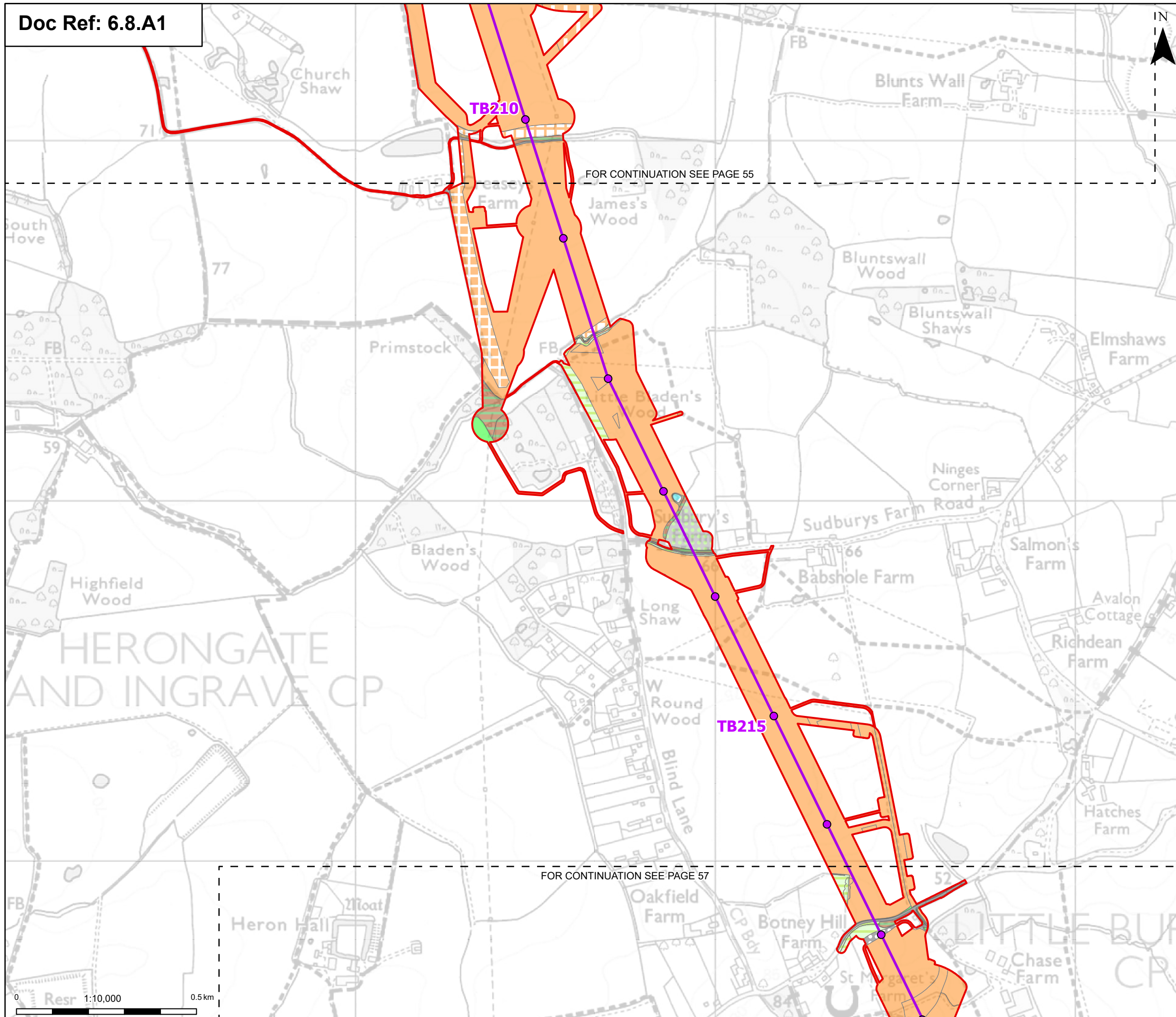
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





**Order limits**

- Order limits
- Sheet index outline

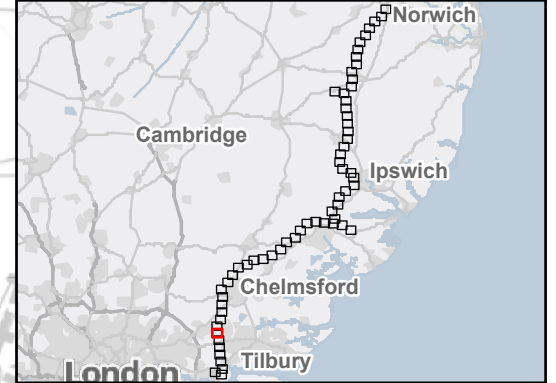
**Proposed project design details**

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Arable field margins cultivated annually
- Arable field margins game bird mix
- Cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Built linear features
- Developed land; sealed surface
- Tall forbs
- Ponds (priority habitat)
- Watercourse footprint
- Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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**PROJECT:**  
nationalgrid Norwich to Tilbury

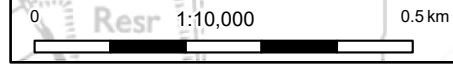
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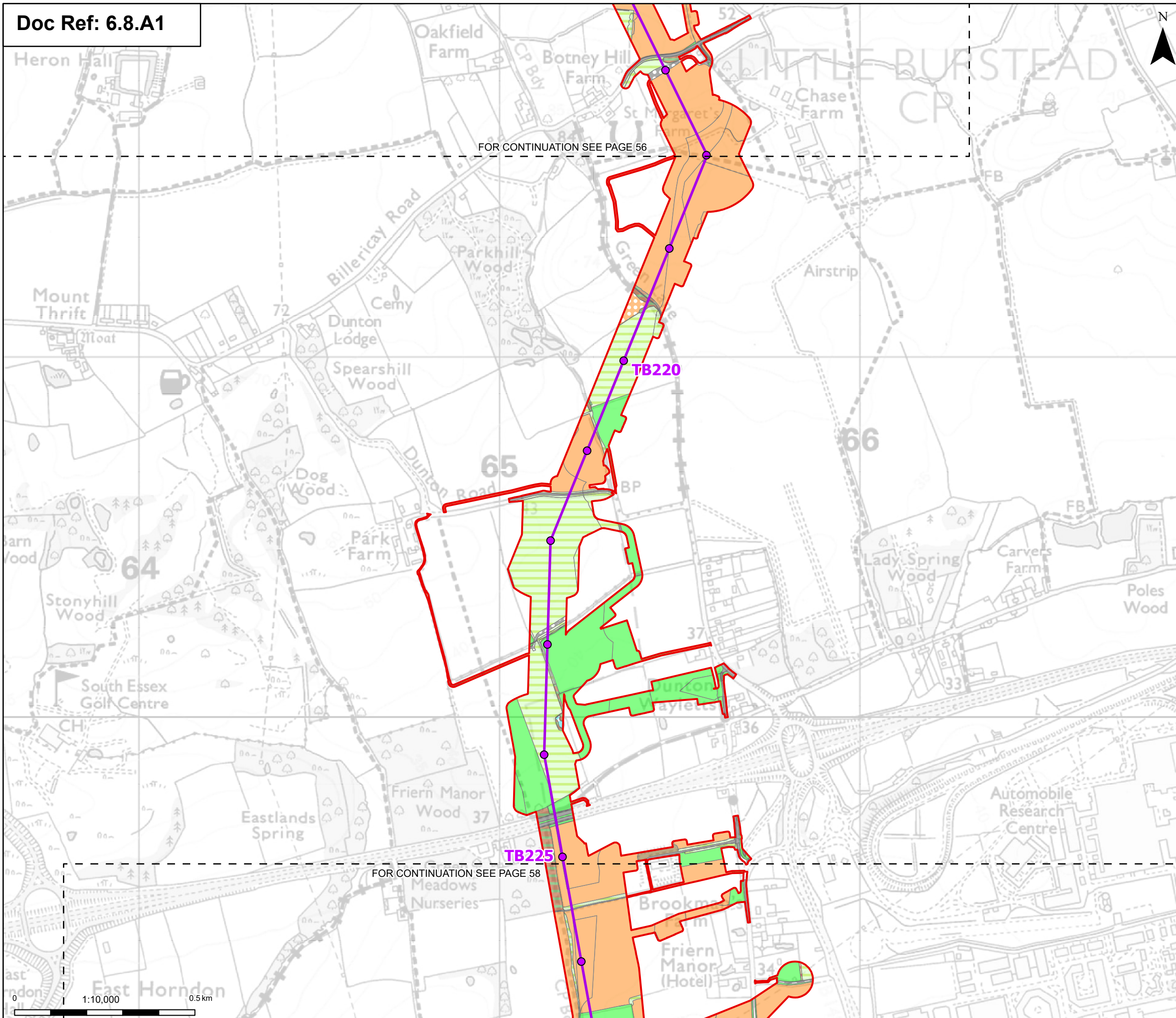
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Section G  
Page 56 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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FOR CONTINUATION SEE PAGE 56

FOR CONTINUATION SEE PAGE 58

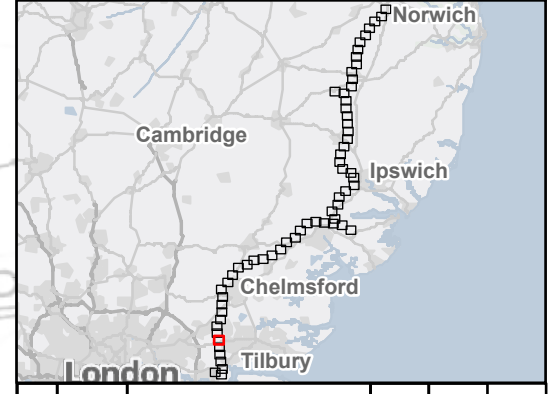
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 Non-cereal crops  
 Winter stubble  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Mixed scrub  
 Artificial unvegetated, unsealed surface  
 Bare ground  
 Built linear features  
 Developed land; sealed surface

Vegetated garden  
 Ponds (priority habitat)  
 Lowland mixed deciduous woodland

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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Rev	Date	Description	Drawn	Check	Approv

PROJECT:  
**nationalgrid** Norwich to Tilbury

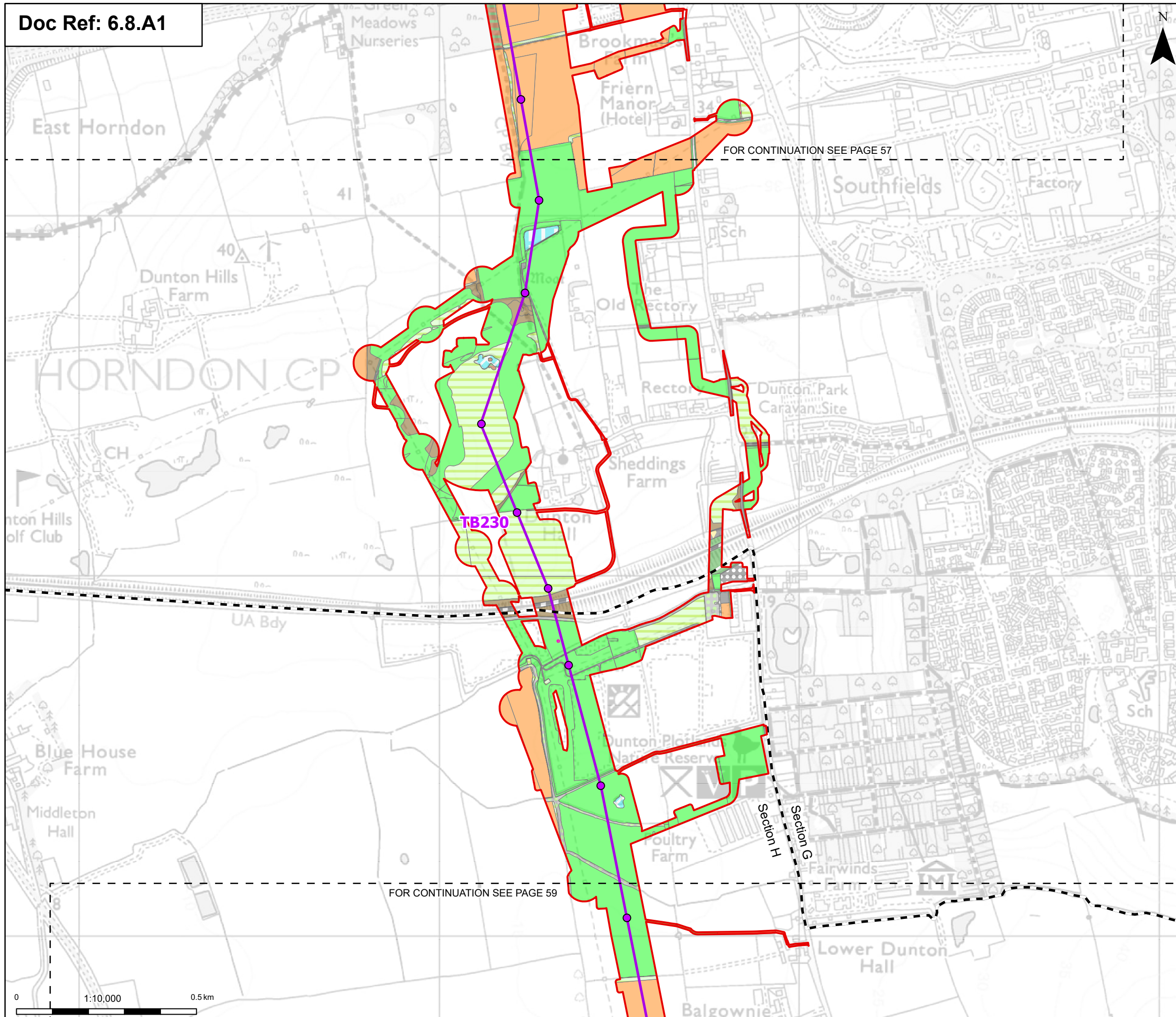
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section G**  
 Page 57 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision: <b>C</b>
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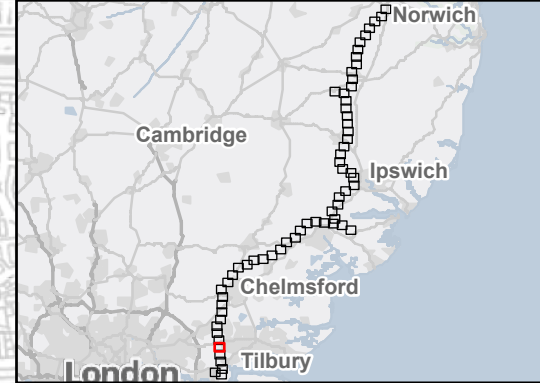


- Order limits
- Sheet index outline
- Project section line
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Cereal crops
- Modified grassland
- Other neutral grassland
- Blackthorn scrub
- Bramble scrub
- Mixed scrub
- Artificial unvegetated, unsealed surface
- Bare ground
- Built linear features
- Developed land; sealed surface
- Introduced shrub
- Vegetated garden
- Ruderal/Ephemeral
- Tall forbs
- Ponds (priority habitat)
- Reservoirs
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

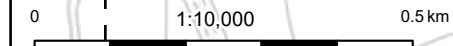
Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections G and H**  
 Page 58 of 63

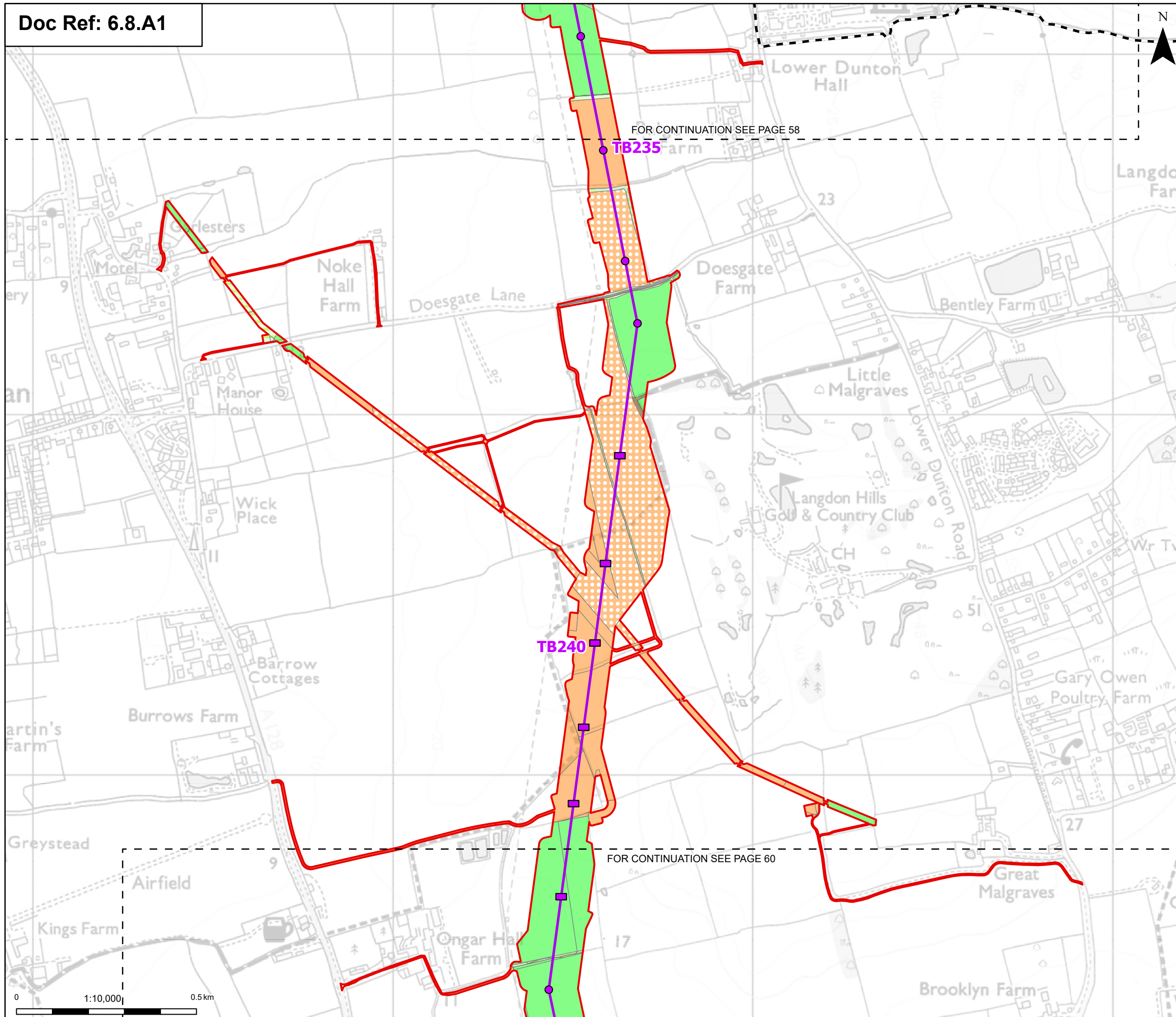
Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
**C**





FOR CONTINUATION SEE PAGE 58

FOR CONTINUATION SEE PAGE 60

**Order limits**  
 Sheet index outline  
 Project section line

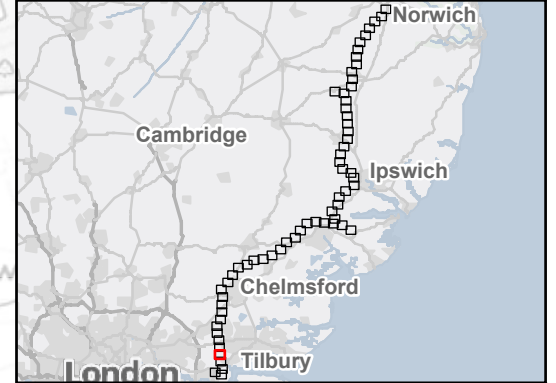
**Proposed project design details**  
 Proposed low height pylon location  
 Proposed standard lattice pylon location  
 Proposed overhead line alignment  
 Cereal crops  
 Non-cereal crops  
 Winter stubble  
 Modified grassland  
 Other neutral grassland  
 Bramble scrub  
 Mixed scrub  
 Built linear features  
 Developed land; sealed surface  
 Vegetated garden

Tall forbs  
 Watercourse footprint  
 Lowland mixed deciduous woodland  
 Other woodland; mixed

Note: Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
**nationalgrid** Norwich to Tilbury

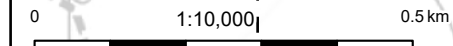
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

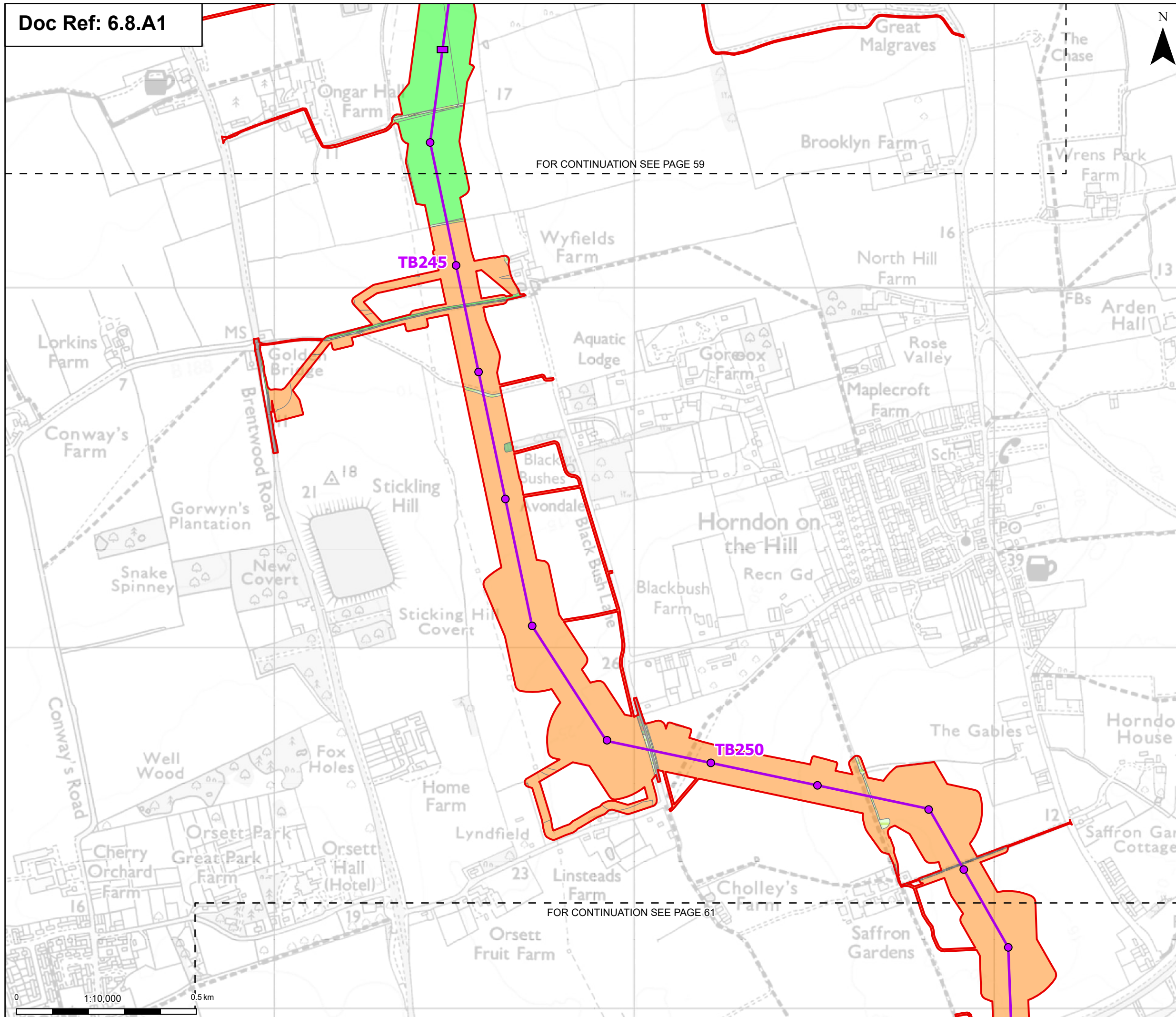
Title:  
 Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Sections G and H  
 Page 59 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334  
 Revision:  
 C





FOR CONTINUATION SEE PAGE 59

FOR CONTINUATION SEE PAGE 61

**Order limits**

- Sheet index cutline

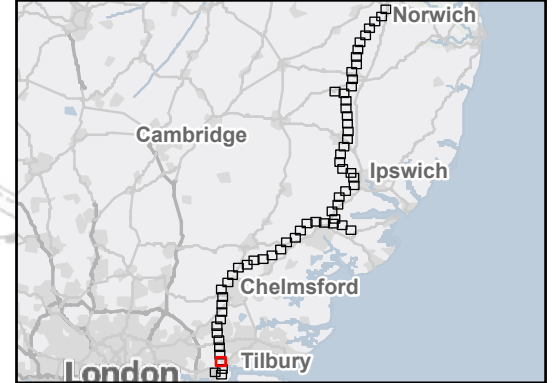
**Proposed project design details**

- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Cereal crops
- Intensive orchards
- Modified grassland
- Other neutral grassland
- Mixed scrub
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)&(I)(ii)

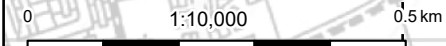
Title:  
**Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results Section H**  
 Page 60 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EBD-ZZ-DR-ZZ-00334

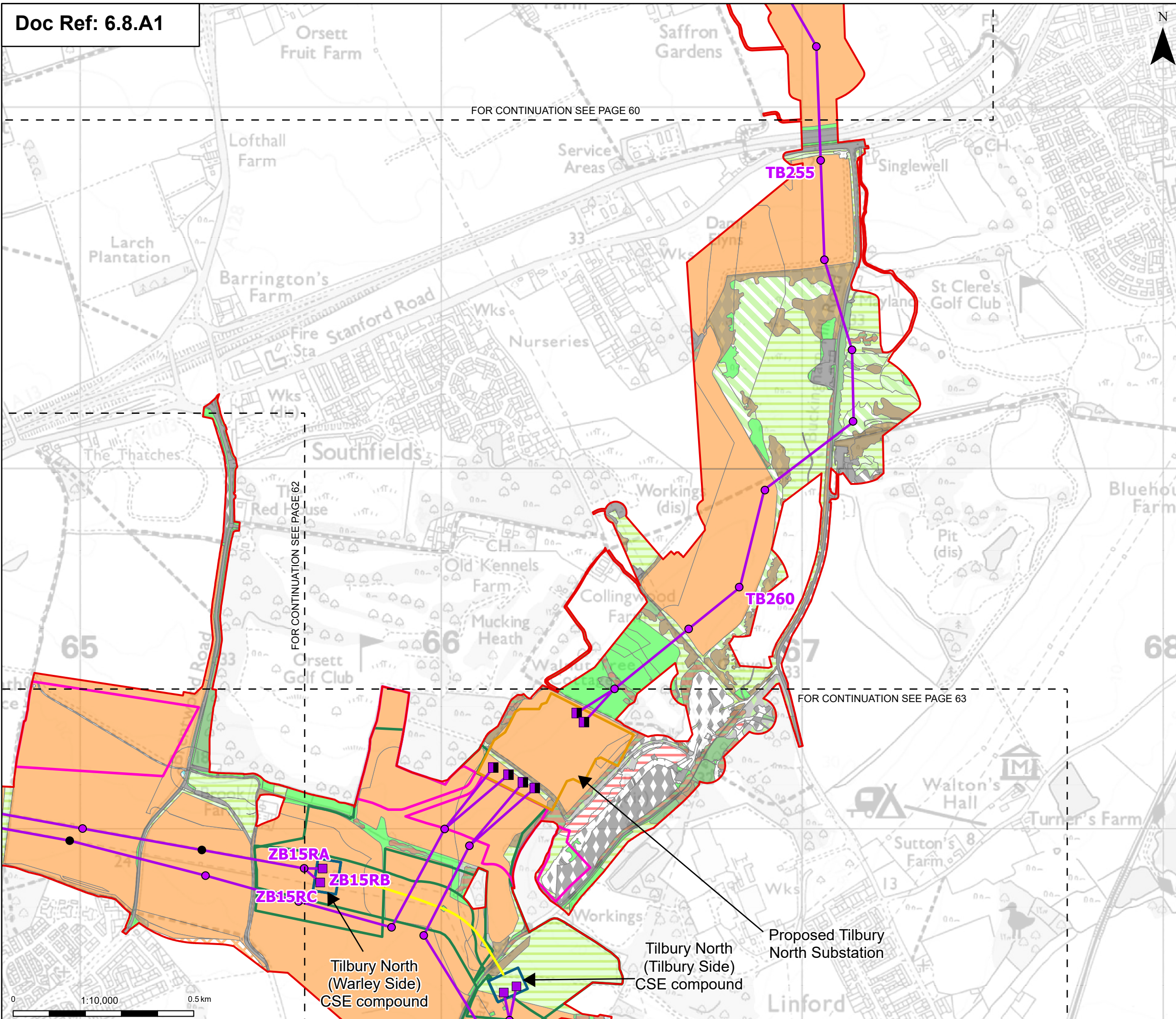
Revision:  
**C**



FOR CONTINUATION SEE PAGE 60

FOR CONTINUATION SEE PAGE 62

FOR CONTINUATION SEE PAGE 63



**Order limits**

- Sheet index outline
- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Arable field margins pollen and nectar
- Cereal crops
- Non-cereal crops
- Lowland dry acid grassland
- Lowland meadows
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Gorse scrub
- Hawthorn scrub
- Mixed scrub
- Actively worked sand pit quarry or open cast mine
- Artificial unvegetated, unsealed surface

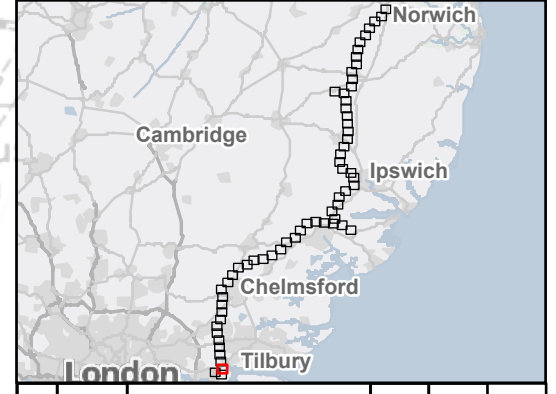
**Bare ground**

- Built linear features
- Developed land; sealed surface
- Open mosaic habitats on previously developed land
- Vacant or derelict land
- Vegetated garden
- Ruderal/Ephemeral
- Tall forbs
- Ponds (priority habitat)
- Reservoirs
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other Scots pine woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT: **nationalgrid** Norwich to Tilbury

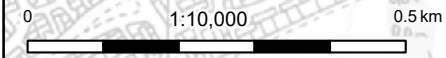
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

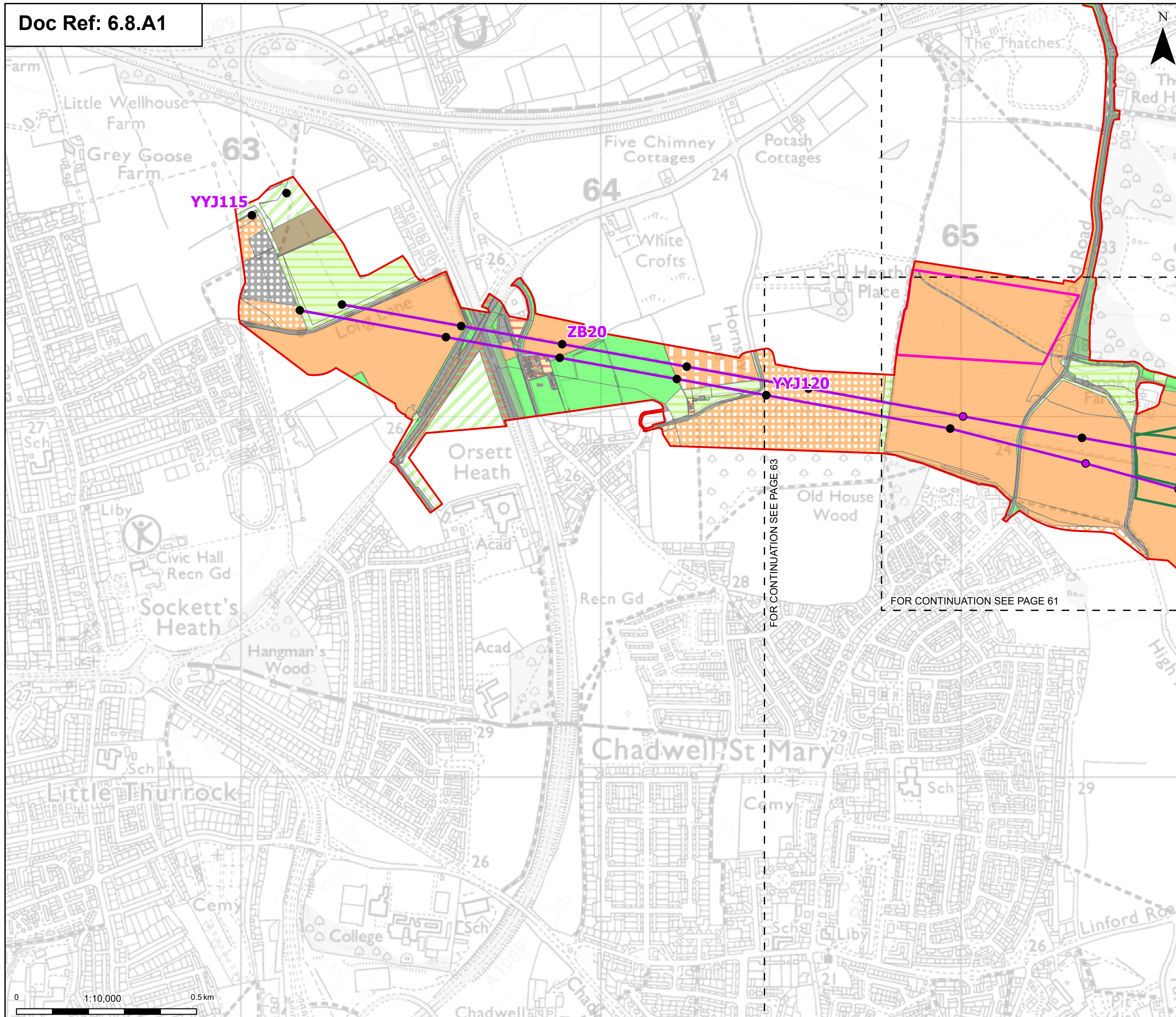
Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section H  
Page 61 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00334	Revision:	C
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**Order Limits**

- Order Limits
- Sheet index cutline

**Proposed project design details**

- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental area
- Environmental mitigation
- Arable field margins pollen and nectar
- Cereal crops
- Non-cereal crops
- Winter stubble
- Modified grassland
- Other neutral grassland
- Other lowland acid grassland
- Bramble scrub
- Mixed scrub
- Actively worked sand pit quarry or open cast mine
- Artificial unvegetated, unsealed surface

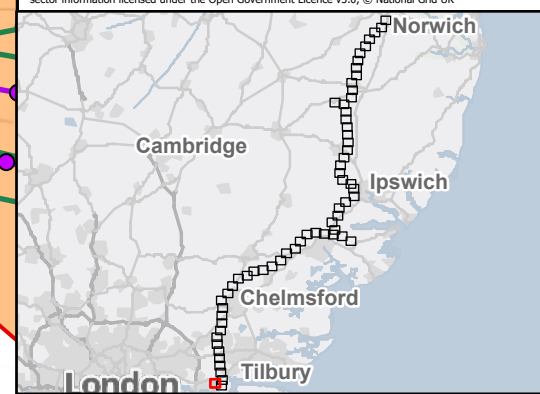
**Legend**

- Bare ground
- Built linear features
- Developed land; sealed surface
- Vegetated garden
- Ruderal/Ephemeral
- Ponds (priority habitat)
- Lowland mixed deciduous woodland
- Other woodland; broadleaved

**Notes:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

**Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:  
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

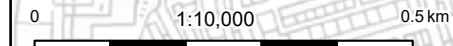
Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section H  
Page 62 of 63

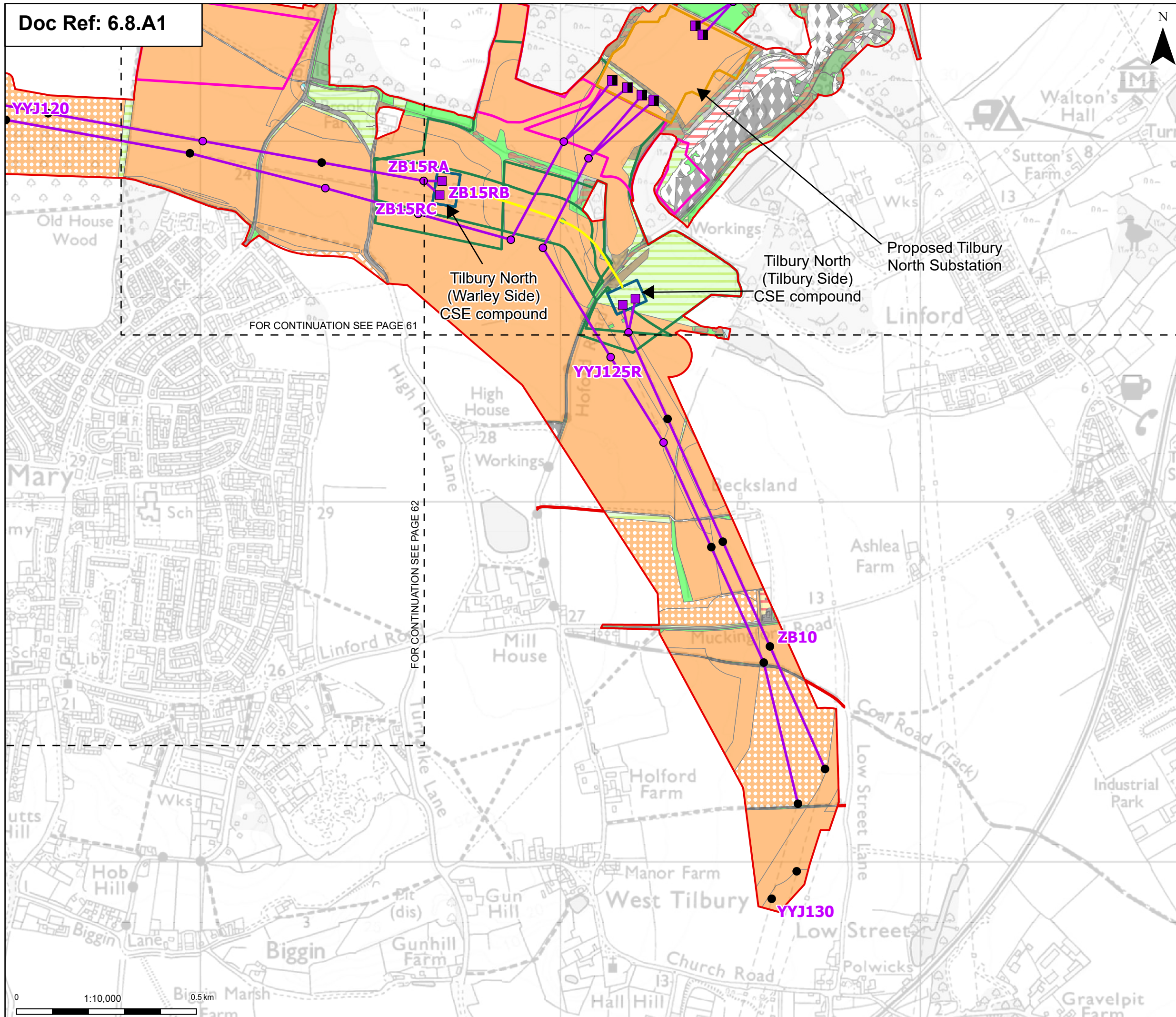
Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
C





**Order limits**

- Order limits
- Sheet index outline

**Proposed project design details**

- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Arable field margins pollen and nectar
- Cereal crops
- Non-cereal crops
- Modified grassland
- Other neutral grassland
- Bramble scrub
- Hawthorn scrub
- Mixed scrub
- Actively worked sand pit quarry or open cast mine
- Artificial unvegetated, unsealed surface

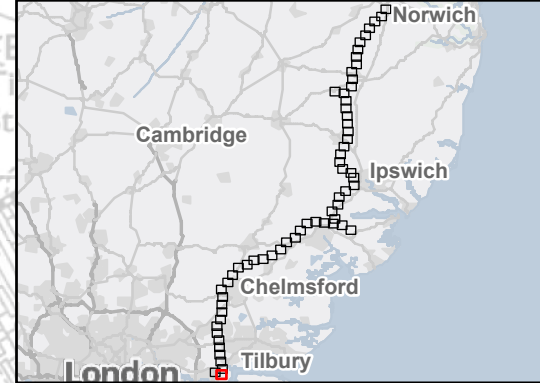
**Bare ground**

- Bare ground
- Built linear features
- Developed land; sealed surface
- Open mosaic habitats on previously developed land
- Vacant or derelict land
- Vegetated garden
- Ruderal/Ephemeral
- Tall forbs
- Ponds (priority habitat)
- Reservoirs
- Watercourse footprint
- Lowland mixed deciduous woodland
- Other coniferous woodland
- Other woodland; broadleaved
- Other woodland; mixed

**Note:** Some habitats, such as vegetated gardens, under 900 m<sup>2</sup> are not shown due to map scale limitations. Due to the volume of this habitat, including them within an inset page would reduce overall figure clarity and readability. They are, however, fully included within BNG and UKHab calculations.

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PROJECT:  
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)&(I)(ii)

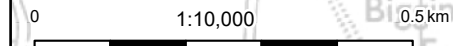
Title:  
Figure A8.1.1 - Ecology and Biodiversity - UK Habitat Survey Results  
Section H  
Page 63 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EBD-ZZ-DR-ZZ-00334

Revision:  
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National Grid House,  
Warwick Technology Park,  
Gallows Hill, Warwick.  
CV34 6DA United Kingdom

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