

AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Figure A8.1.2: Habitat of Principal Importance
Part 1 Tracked Changes Version of Deadline 4 Submission

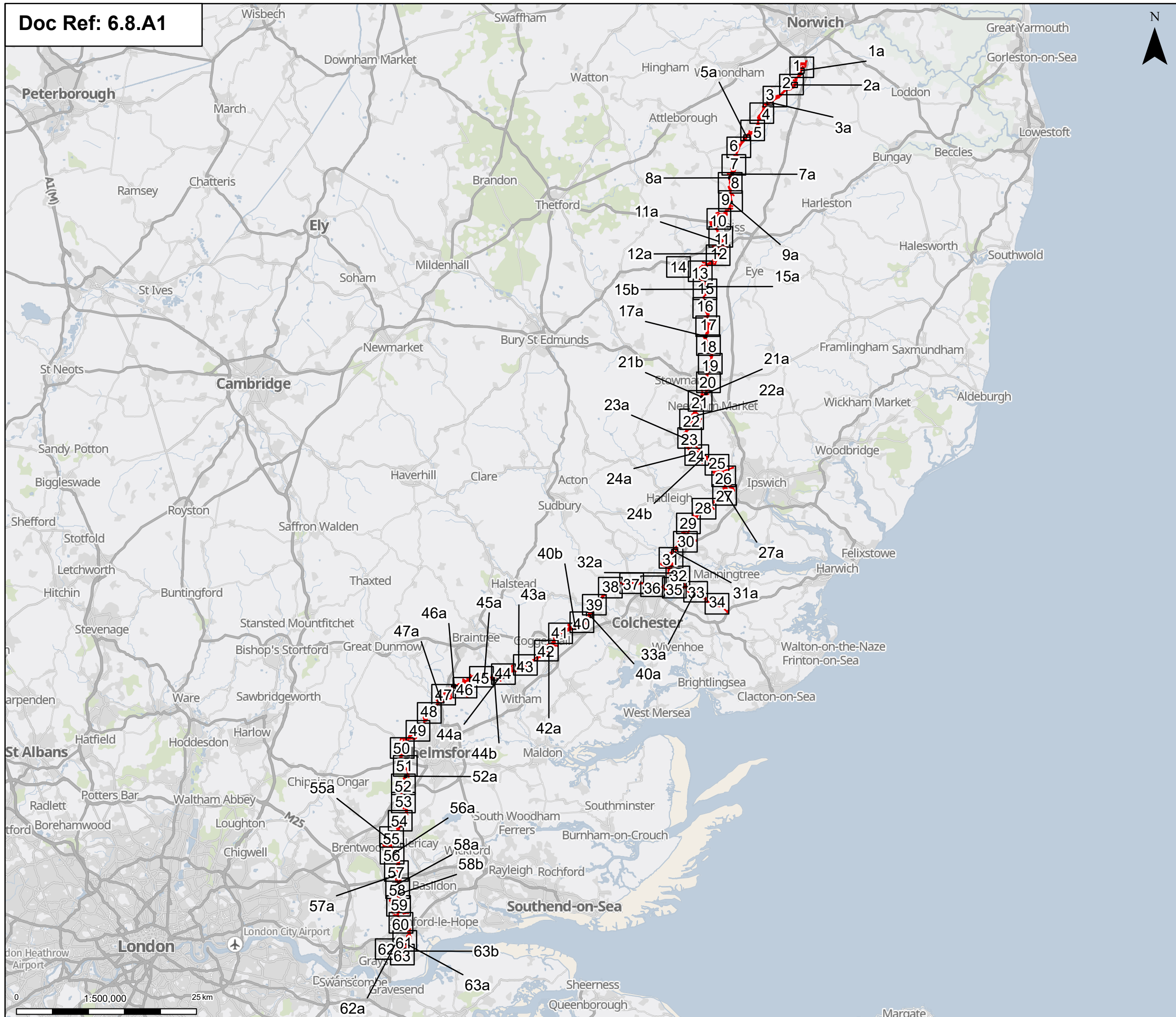
Final Issue C

June 2026

Planning Inspectorate Reference: EN020027

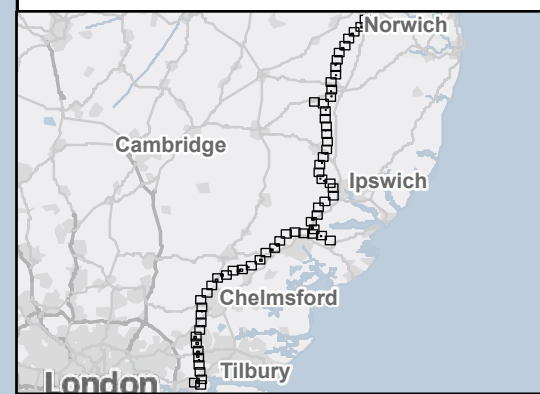
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(a)

nationalgrid



Order limits
Page

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

PROJECT:
nationalgrid Norwich to Tilbury

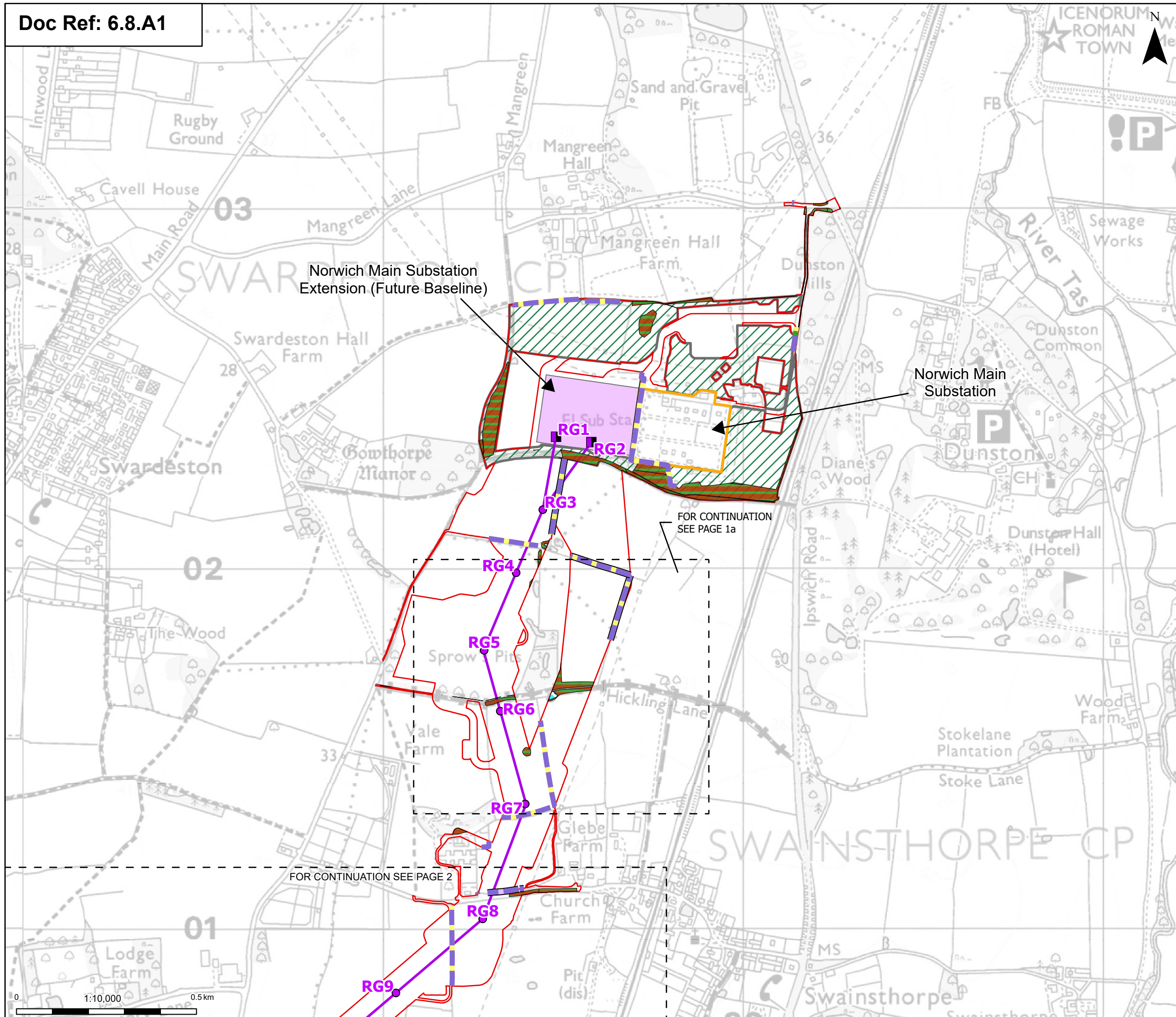
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(1)(ii)

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) 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-00335	Revision:	C
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Order limits

- Order limits
- Sheet index outline

Proposed project design details

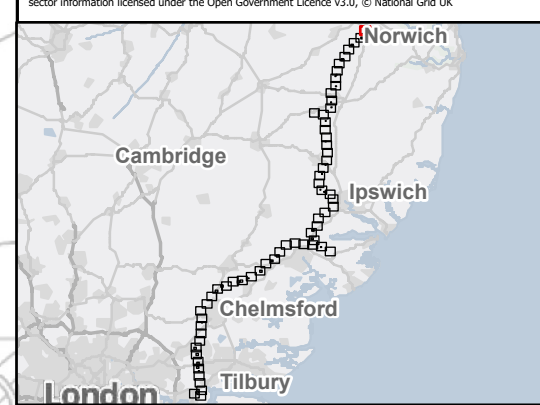
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Norwich Main Substation
- Norwich Main Substation Extension (future baseline)
- Environmental area

Discipline specific constraints

- Habitats of Principal Importance (HPI)
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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)

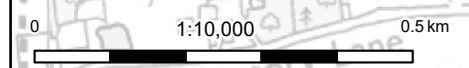
Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
 Page 1 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 26
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Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
 C





Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

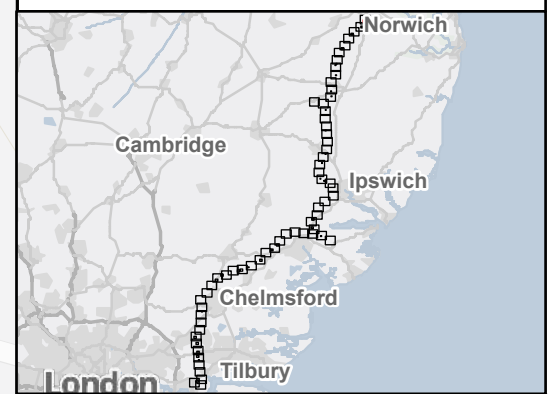
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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nationalgrid Norwich to Tilbury

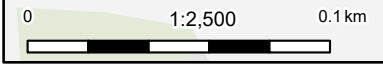
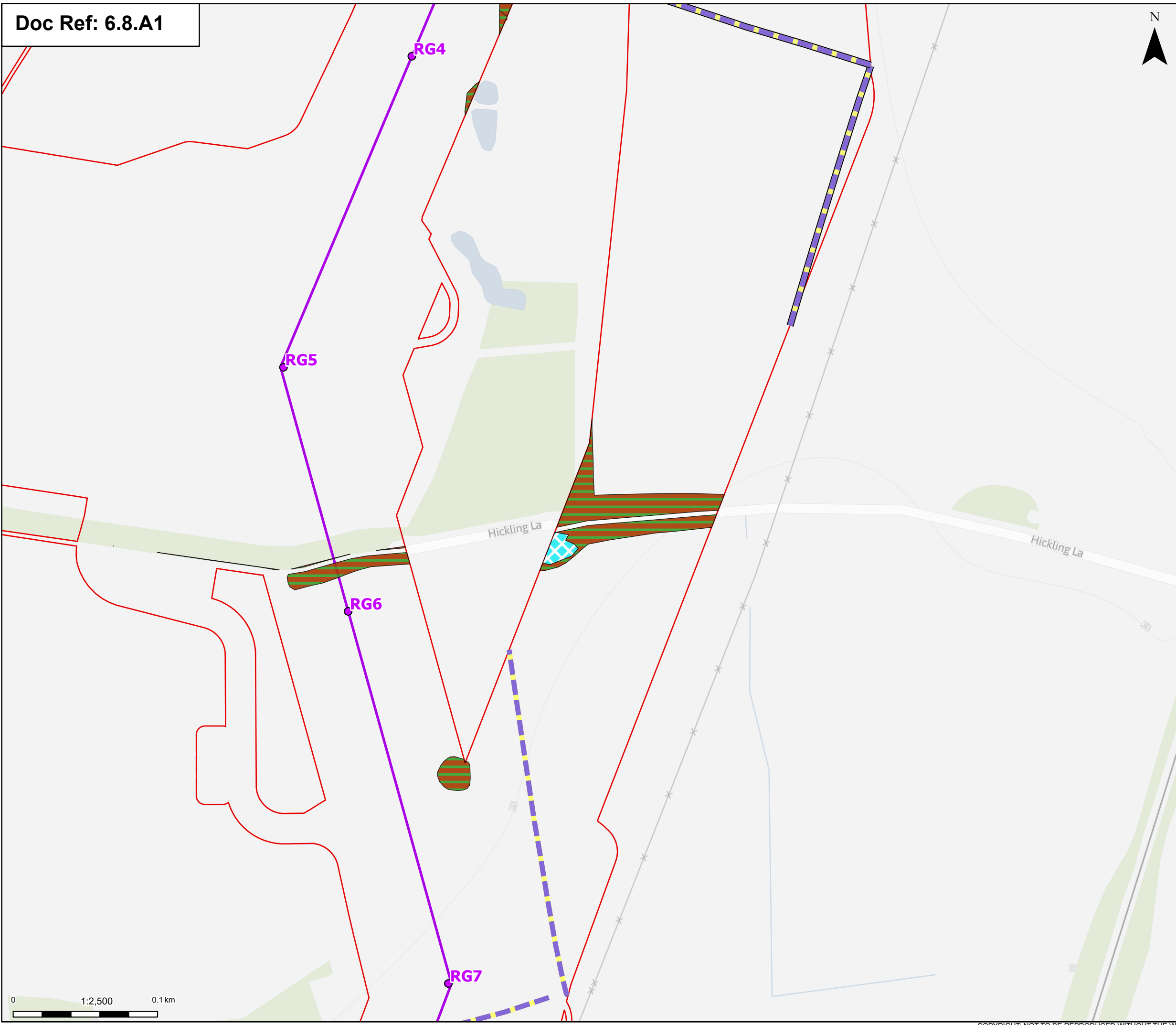
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 Regulation 5(2)(a)&(1)(ii)

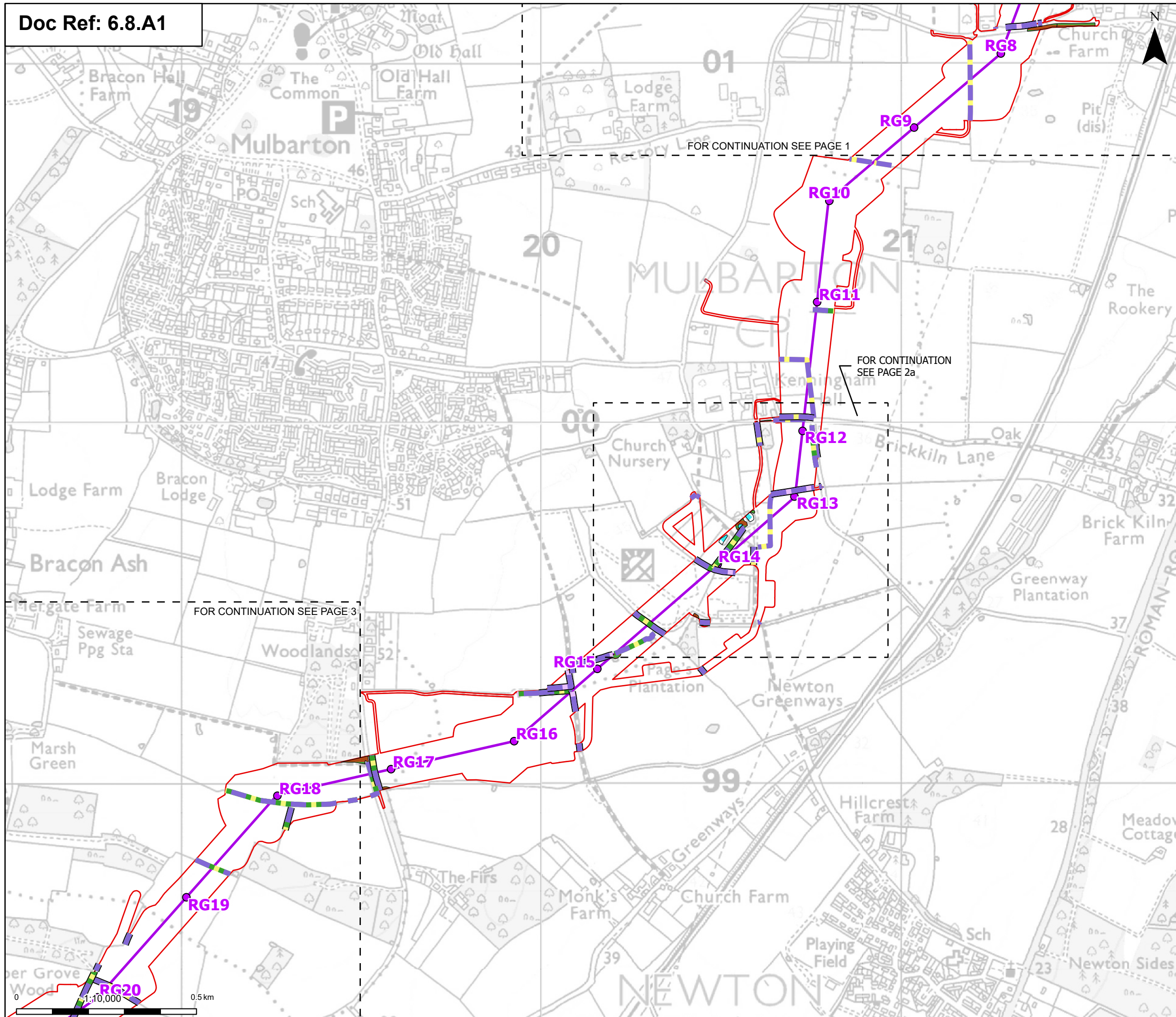
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
 Page 1a of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 26
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Suitability Description:
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00335	Revision:	C
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Order limits
 Sheet index outline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment

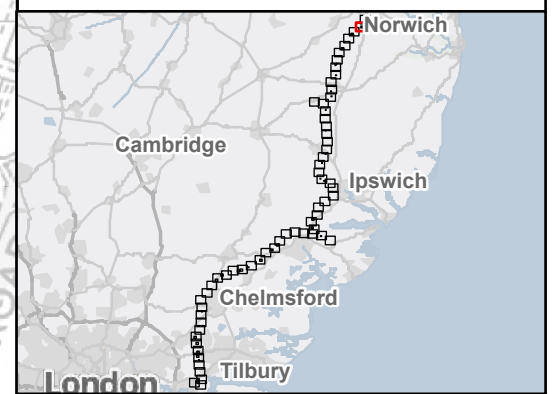
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow - associated with bank or ditch
 Species-rich native hedgerow with trees
 Lowland mixed deciduous woodland
 Ponds (priority habitat)

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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nationalgrid Norwich to Tilbury

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

Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section A
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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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Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

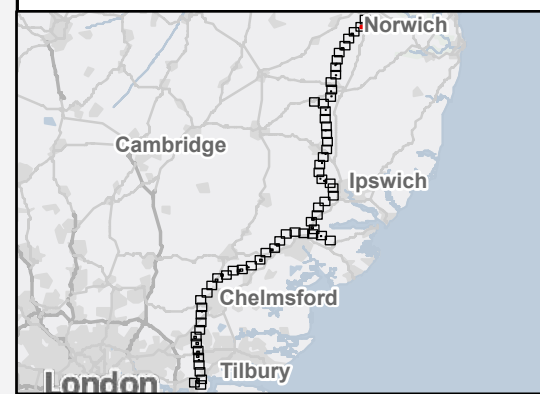
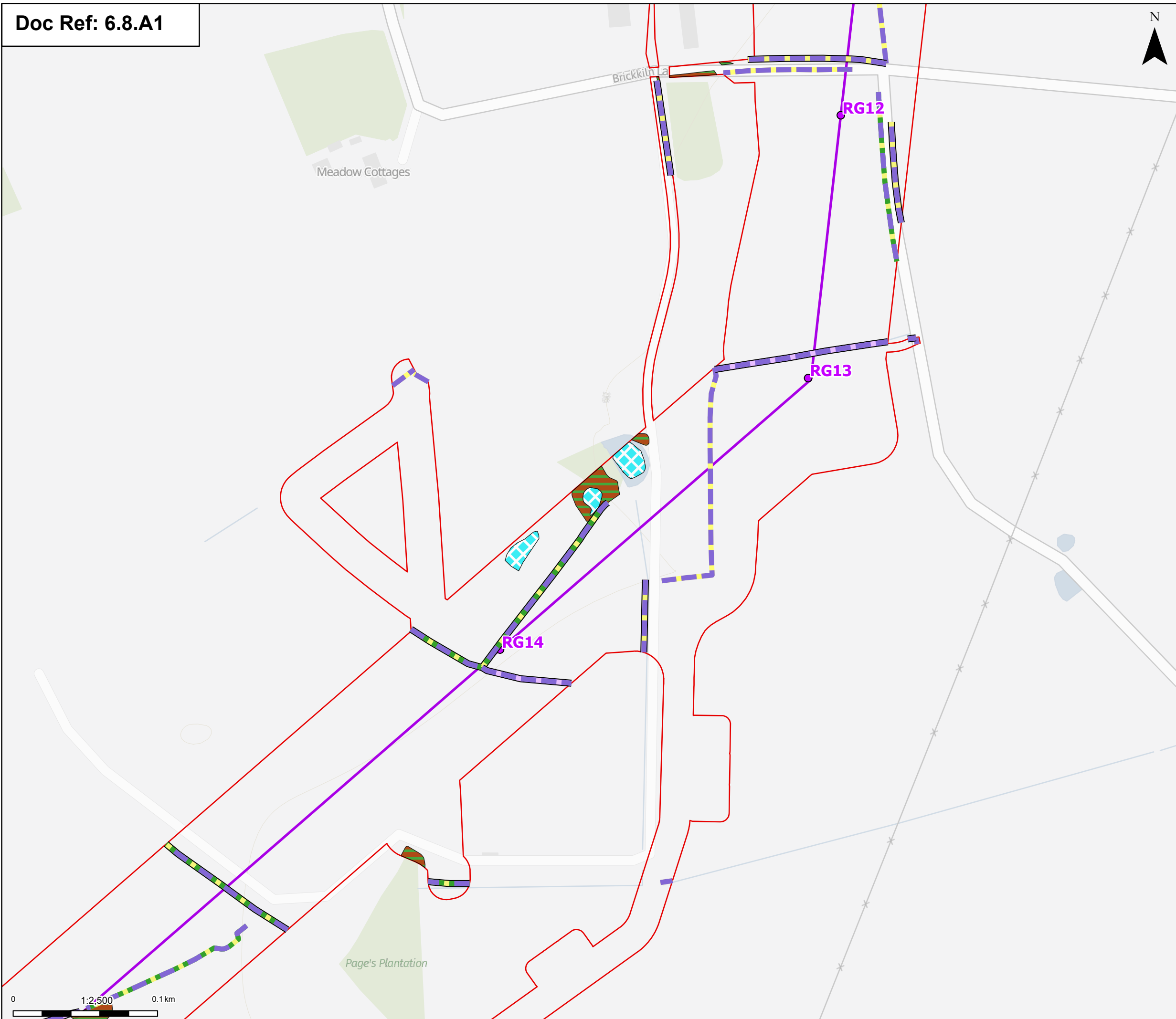
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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nationalgrid Norwich to Tilbury

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 Regulation 5(2)(a)&(1)(ii)

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
 Page 2a of 63

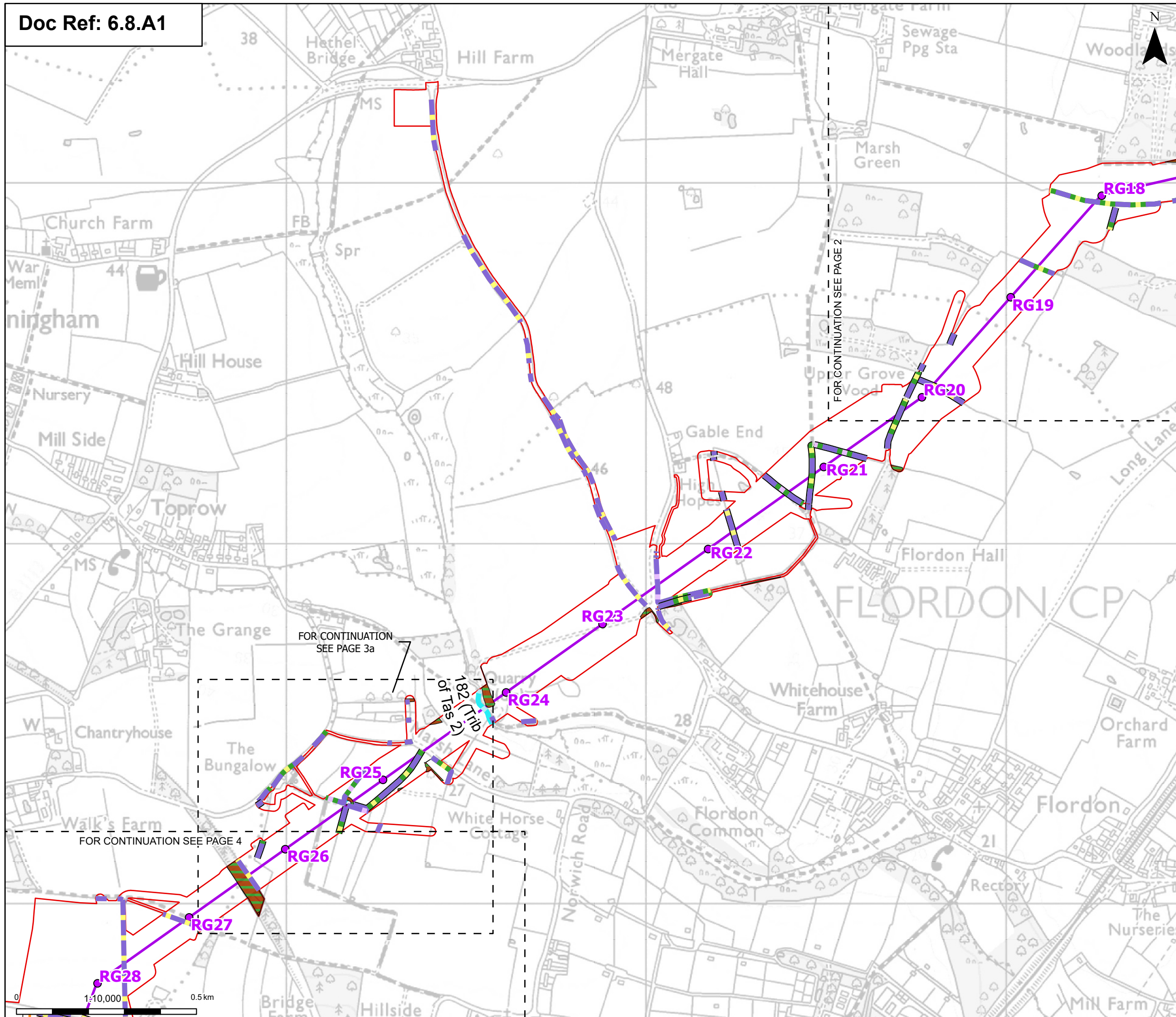
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Approved	K. Burrows	Date	May 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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Revision:
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Order limits

- Sheet index outline

Proposed project design details

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

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow

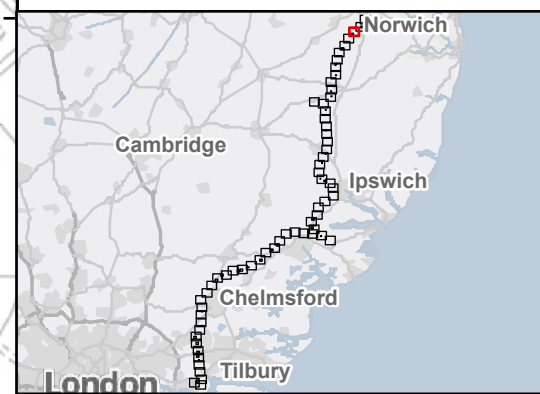
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch

Arable field margins game bird mix

- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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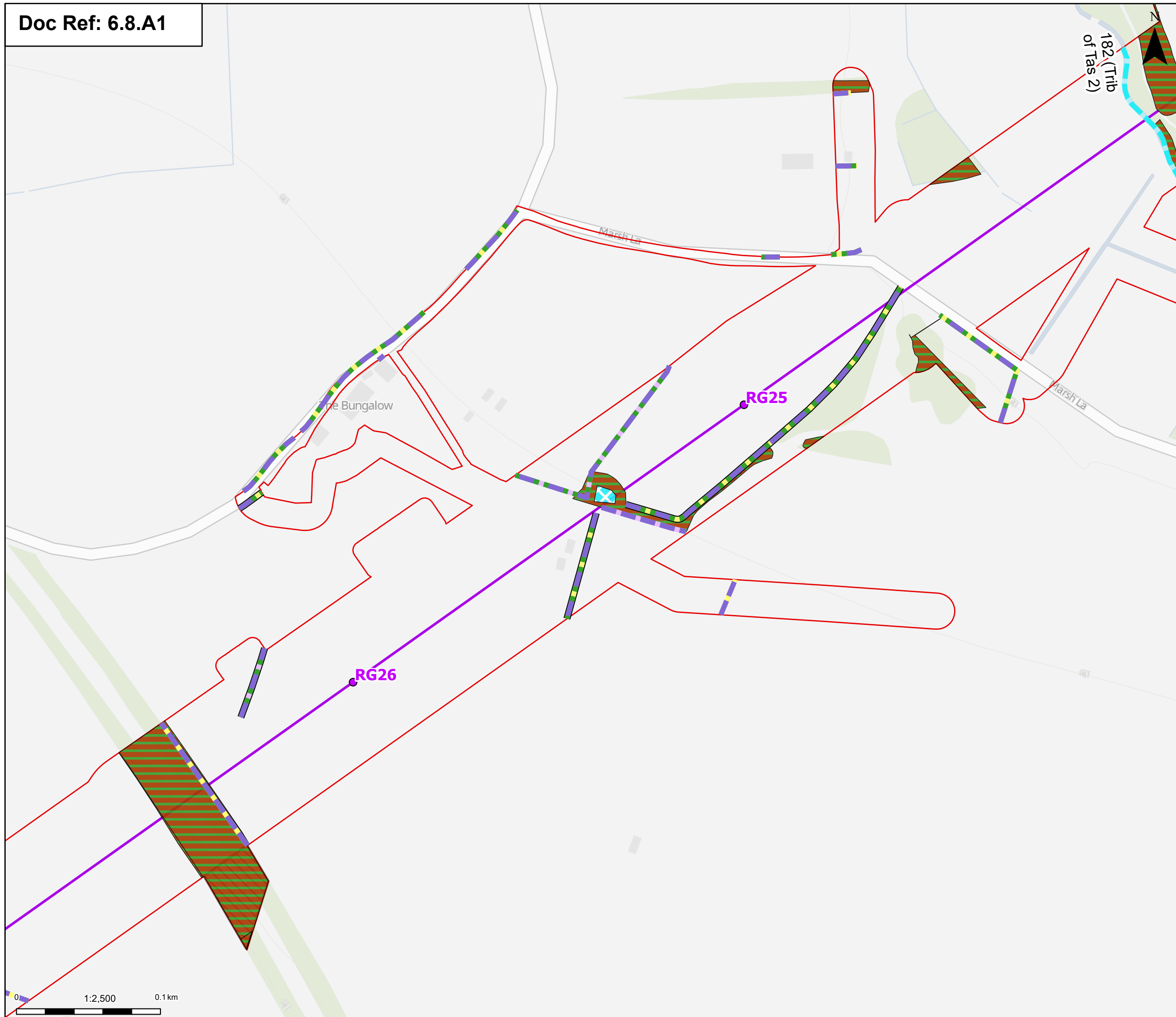
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Scale:	1:10,000	Datum:	AOD
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Suitability Description:
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Order limits

Proposed project design details

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

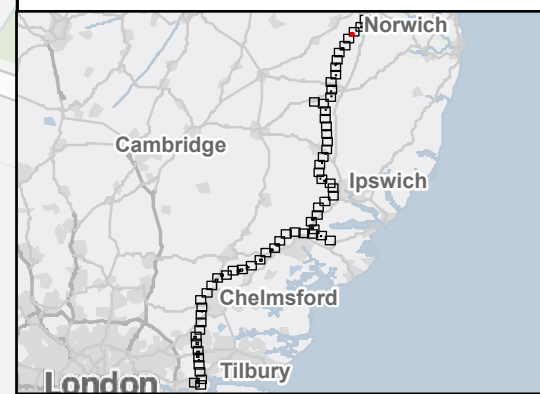
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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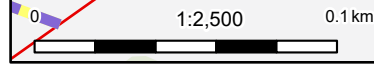
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 Section A
 Page 3a of 63

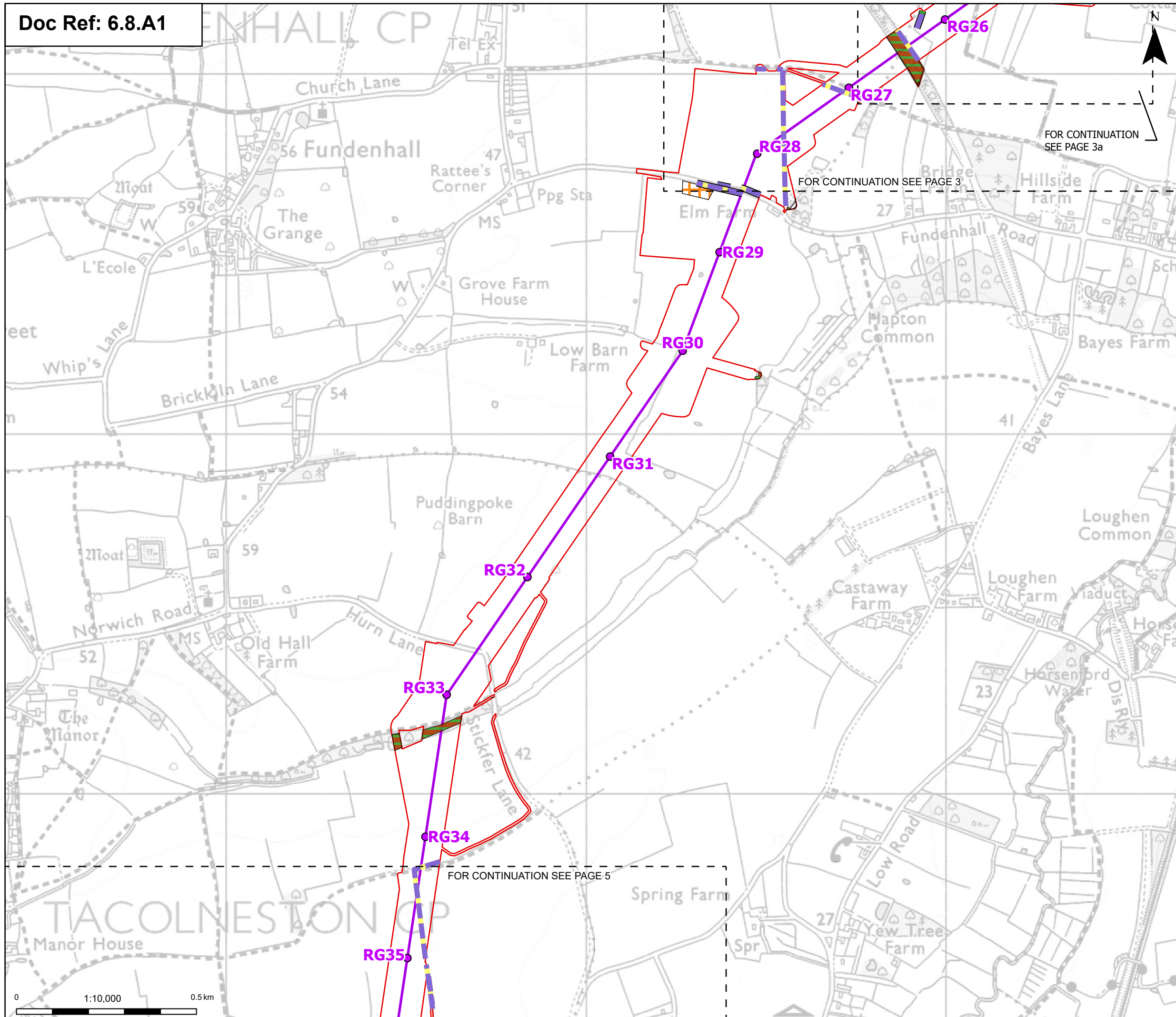
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
C





Order limits

- Sheet index outline

Proposed project design details

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

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch

Native hedgerow with trees - associated with bank or ditch

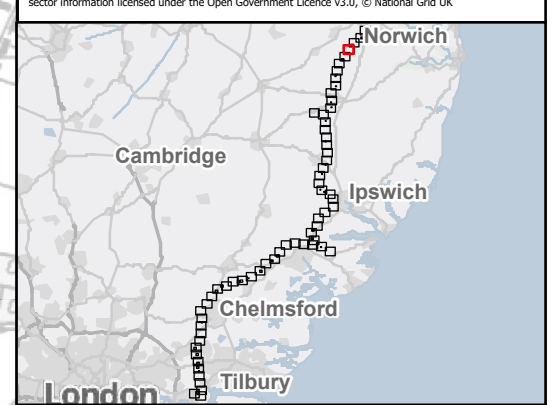
Species-rich native hedgerow with trees - associated with bank or ditch

Arable field margins game bird mix

Lowland mixed deciduous woodland

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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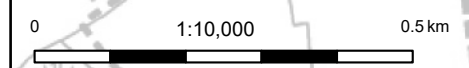
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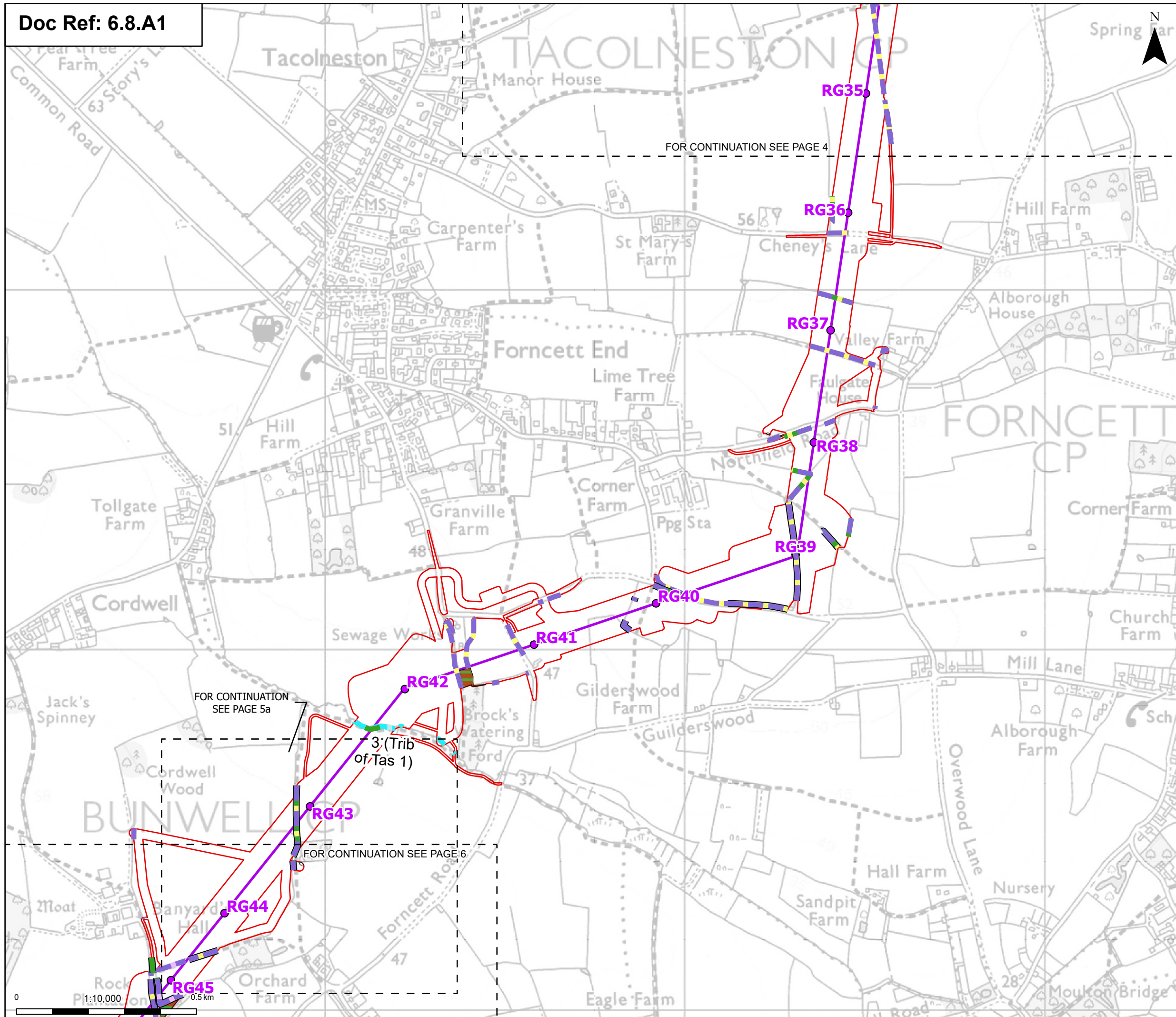
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Page 4 of 63

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Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00335
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Order limits

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- Sheet index outline (Dashed line)

Proposed project design details

- Proposed standard lattice pylon location (Purple dot)
- Proposed overhead line alignment (Purple line)

Discipline specific constraints

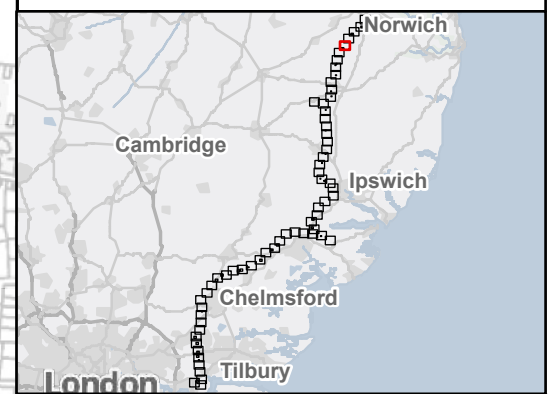
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- Species-rich native hedgerow (Blue line)
- Species-rich native hedgerow - associated with bank or ditch (Blue line with yellow segments)
- Lowland mixed deciduous woodland (Brown area)
- Ponds (priority habitat) (Blue and green area)

Habitats of Principal Importance (HPI)

- Priority habitat (Cyan area)
- Native hedgerow (Blue line)
- Native hedgerow - associated with bank or ditch (Blue line with yellow segments)
- Native hedgerow with trees (Blue line with green segments)
- Native hedgerow with trees - associated with bank or ditch (Blue line with green and yellow segments)
- Ecologically valuable line of trees (Green line)

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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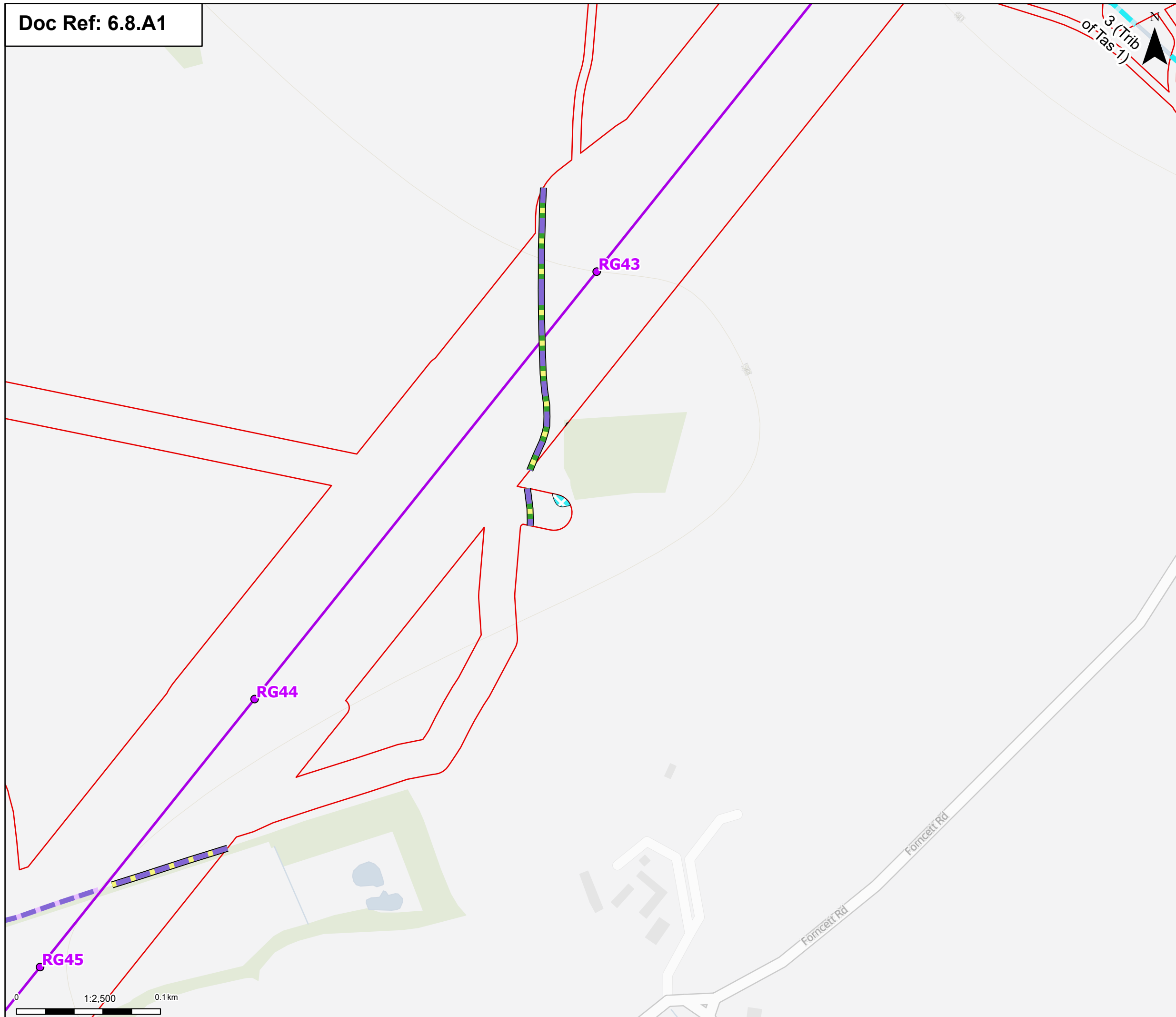
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 Page 5 of 63

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Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

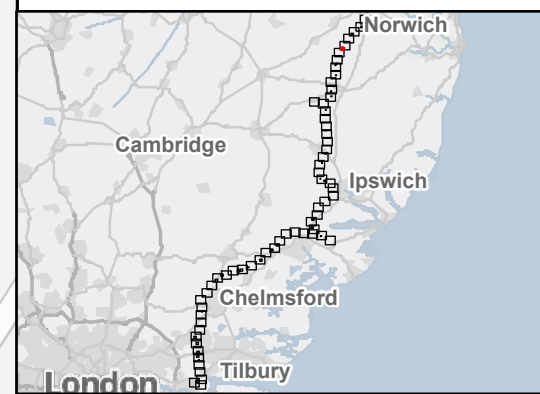
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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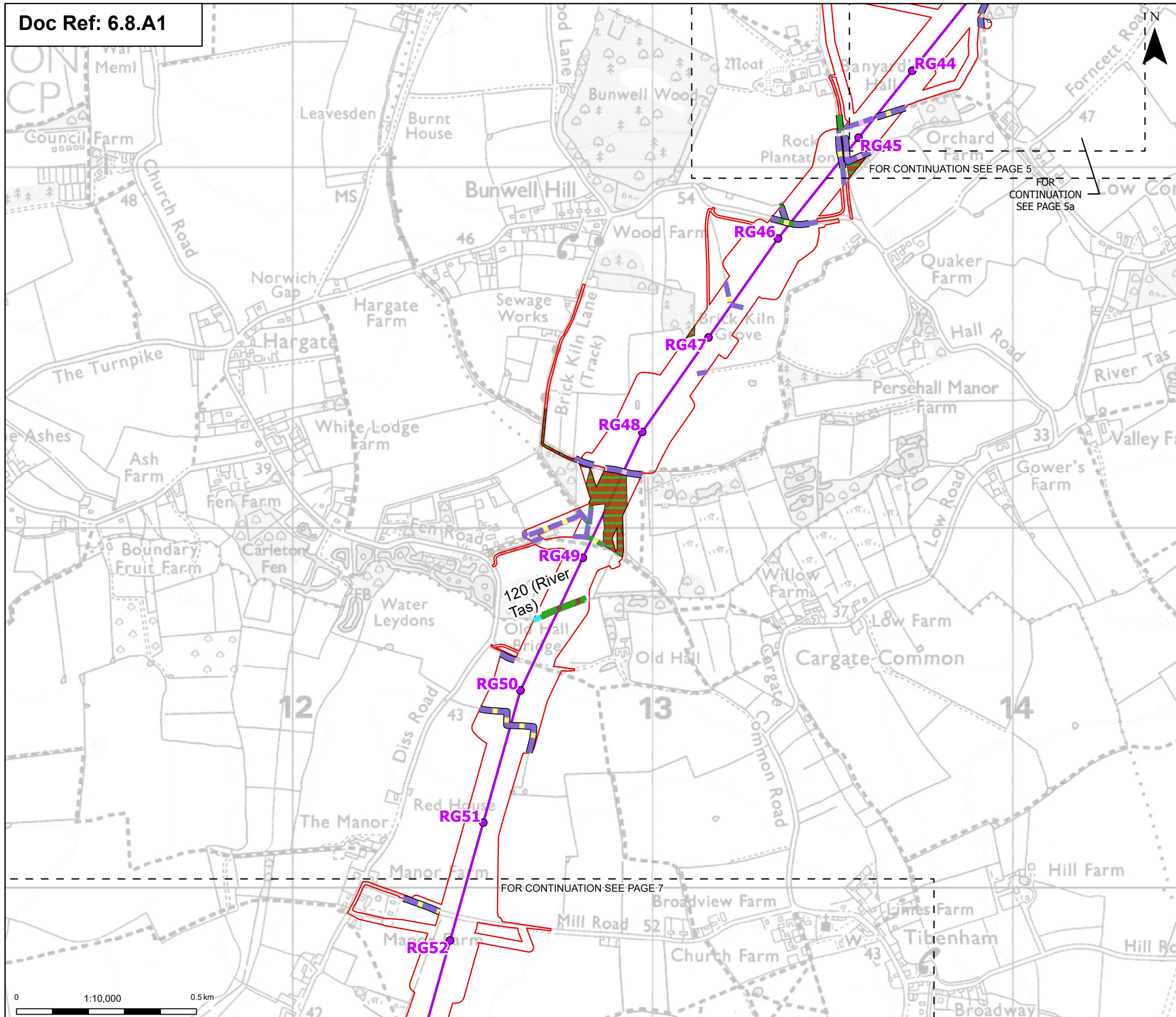
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Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
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Designed	A. Pinkney	Date	May 26
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Order limits

Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

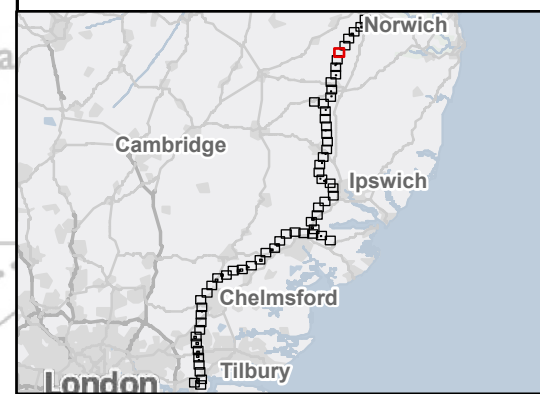
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Ecologically valuable line of trees

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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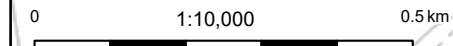
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 Regulation 5(2)(a)&(1)(ii)

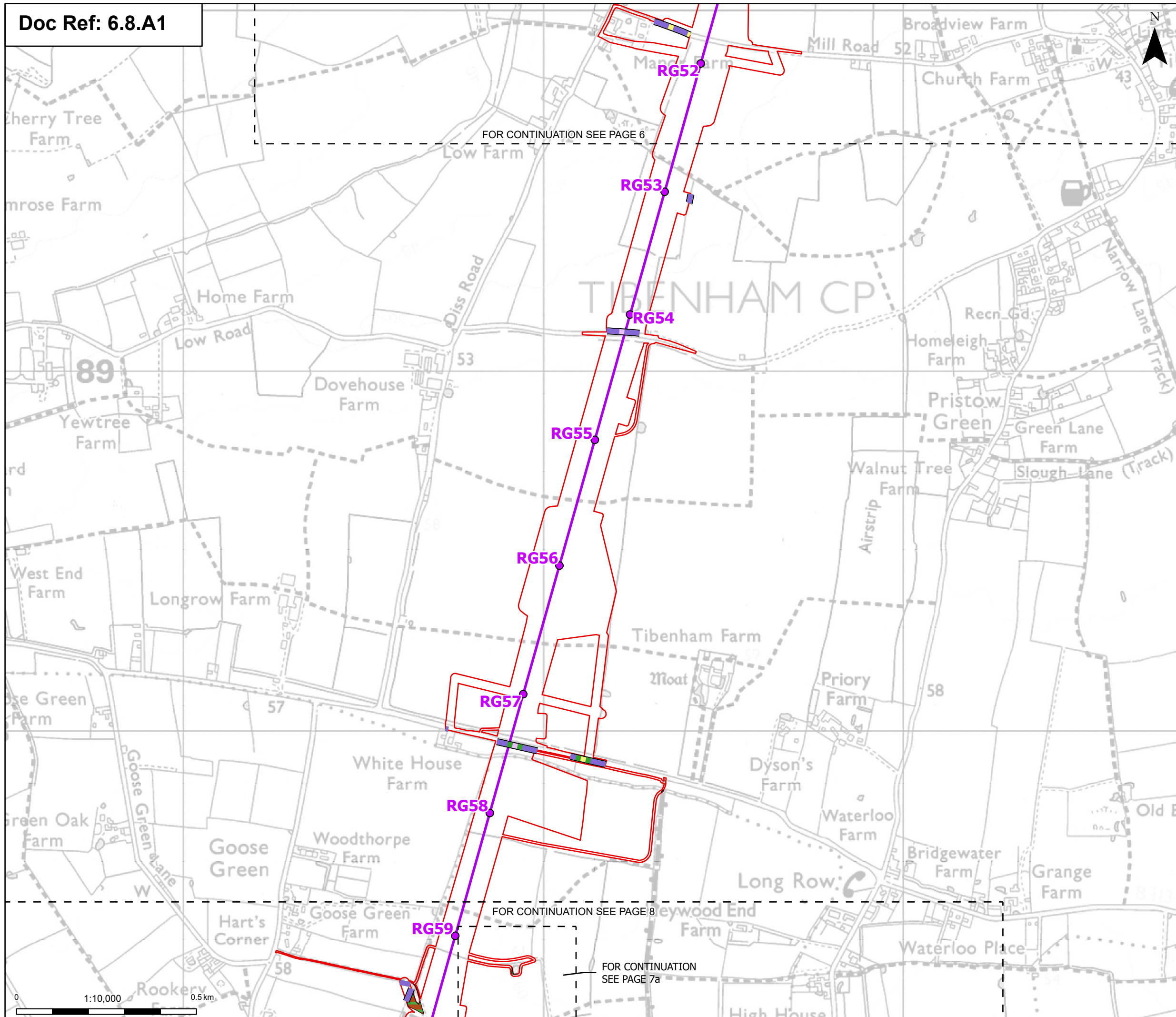
Title:
 Figure A8.1.2 - Ecology and Biodiversity -
 Habitats of Principal Importance (HPI)
 Section A
 Page 6 of 63

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-00335	Revision:	C
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Order limits

Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow - associated with bank or ditch

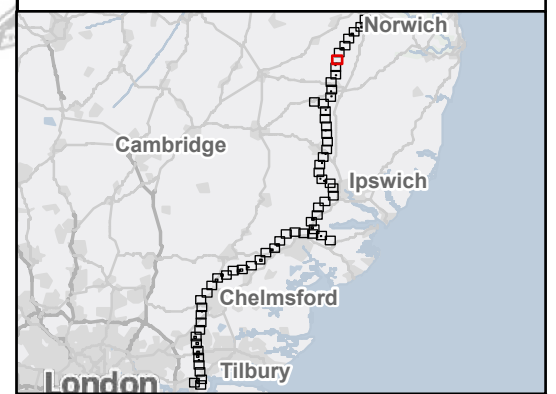
Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland

Ponds (priority habitat)

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	KF	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
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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 Description:
 Accepted as Concept Stage

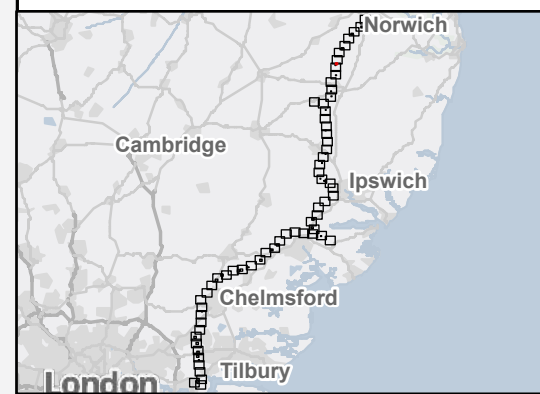
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00335	Revision:	C
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- Order limits
- Discipline specific constraints**
- Habitats of Principal Importance (HPI)
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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:
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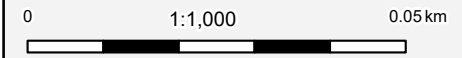
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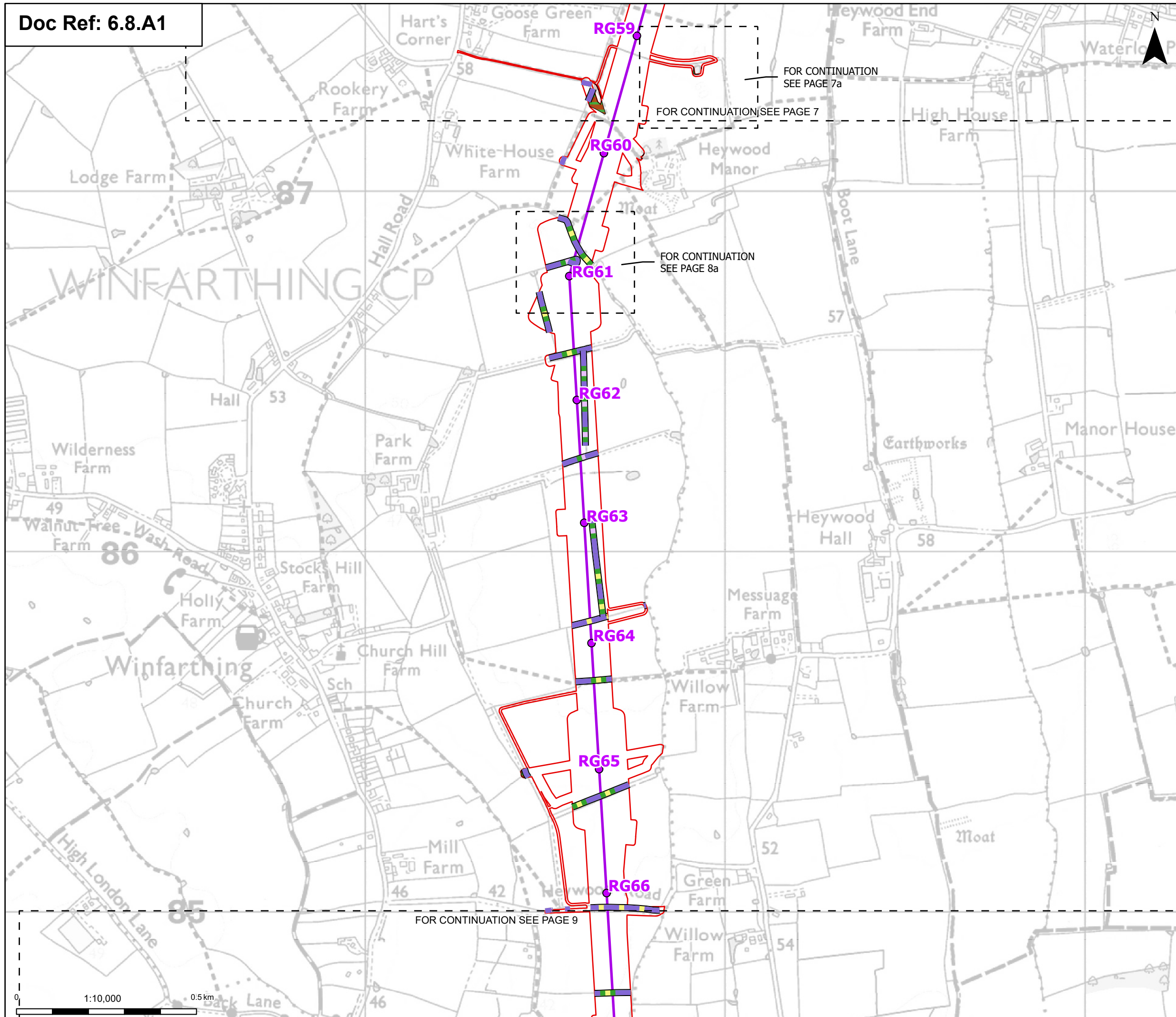
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
 Page 7a of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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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-00335	Revision:	C
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Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees

Native hedgerow with trees - associated with bank or ditch

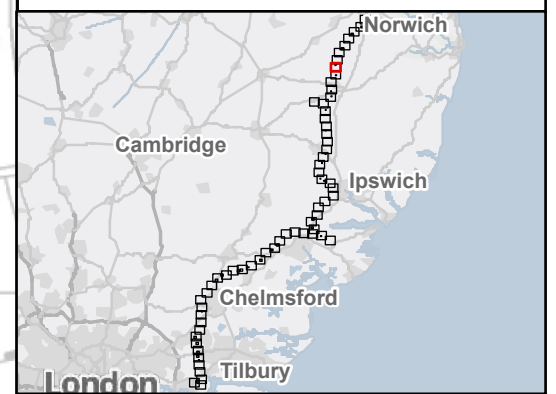
Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland

Ponds (priority habitat)

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 A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
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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
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-00335	Revision:	C



Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

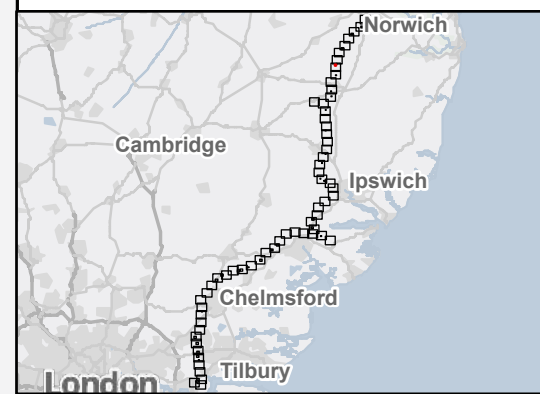
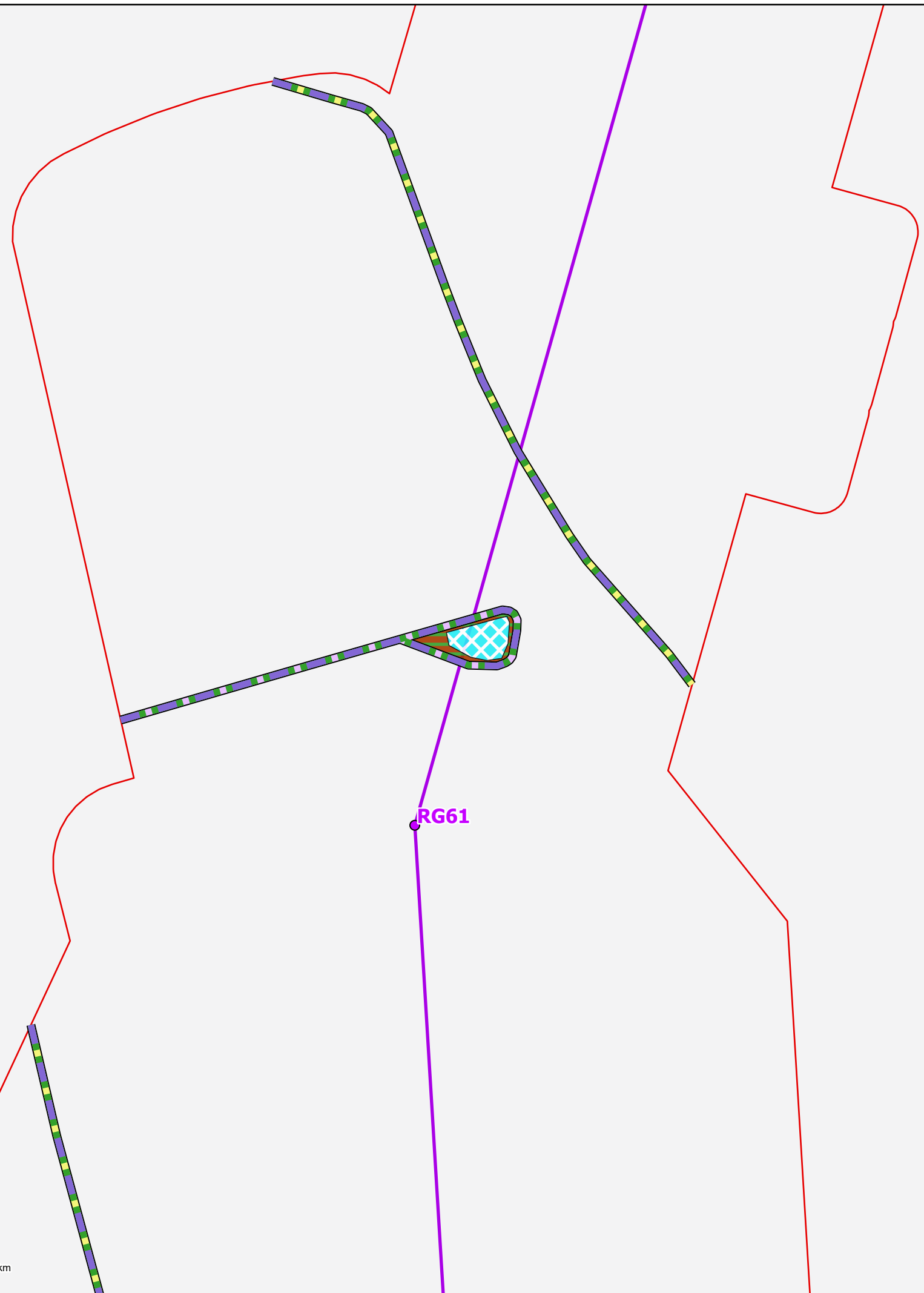
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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

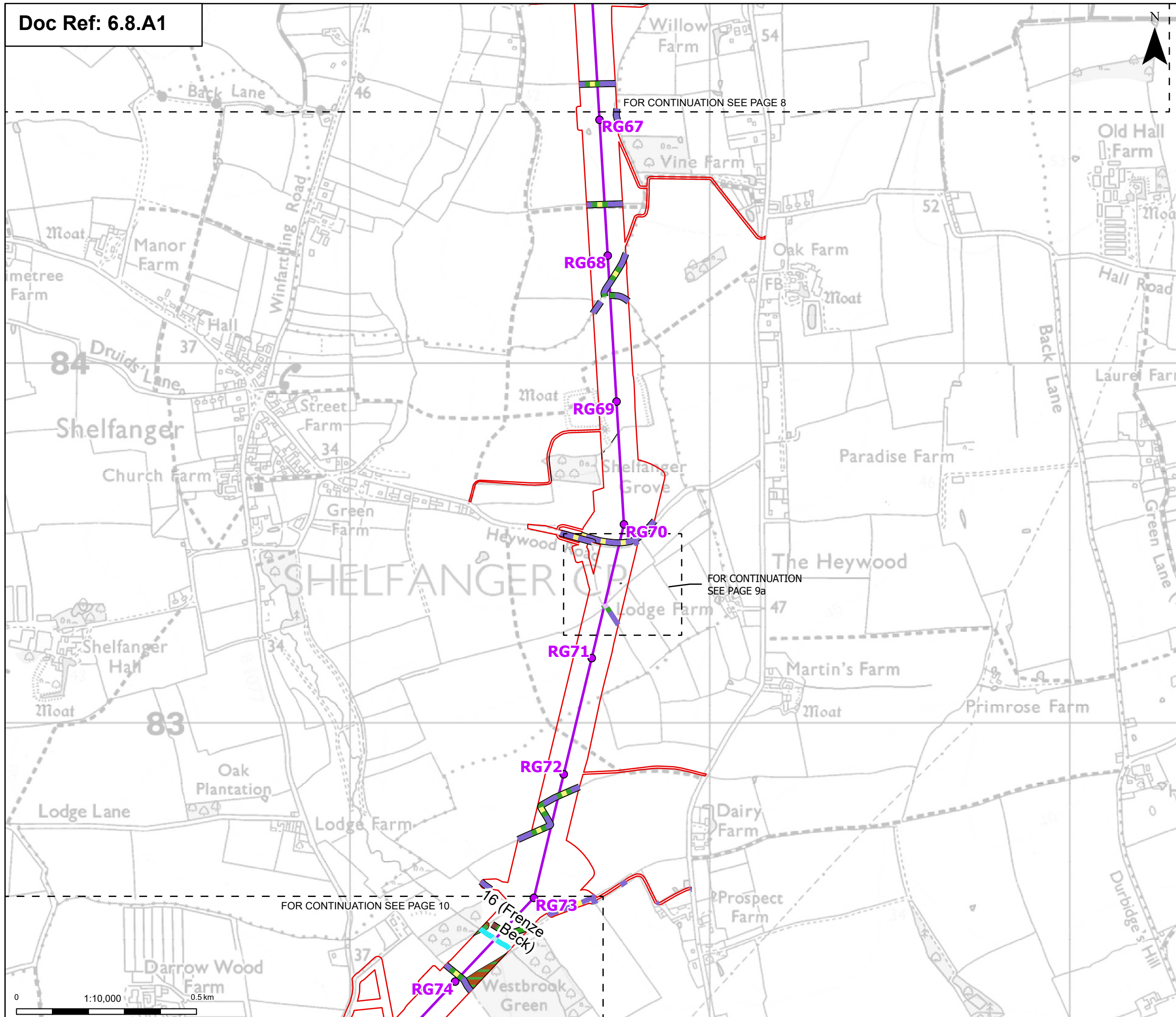
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 Page 8a of 63

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Drawn	N. Banu	Date	May 26
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Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00335
 Revision: **C**





Order limits
 Sheet index outline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment

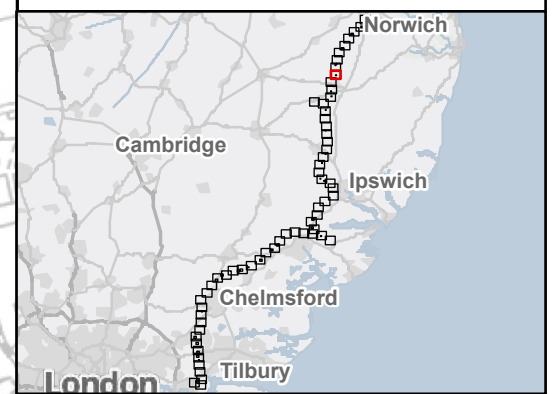
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Priority habitat
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch

Ecologically valuable line of trees - associated with bank or ditch
 Species-rich native hedgerow with trees
 Lowland mixed deciduous woodland
 Ponds (priority habitat)
 Wet woodland

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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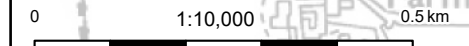
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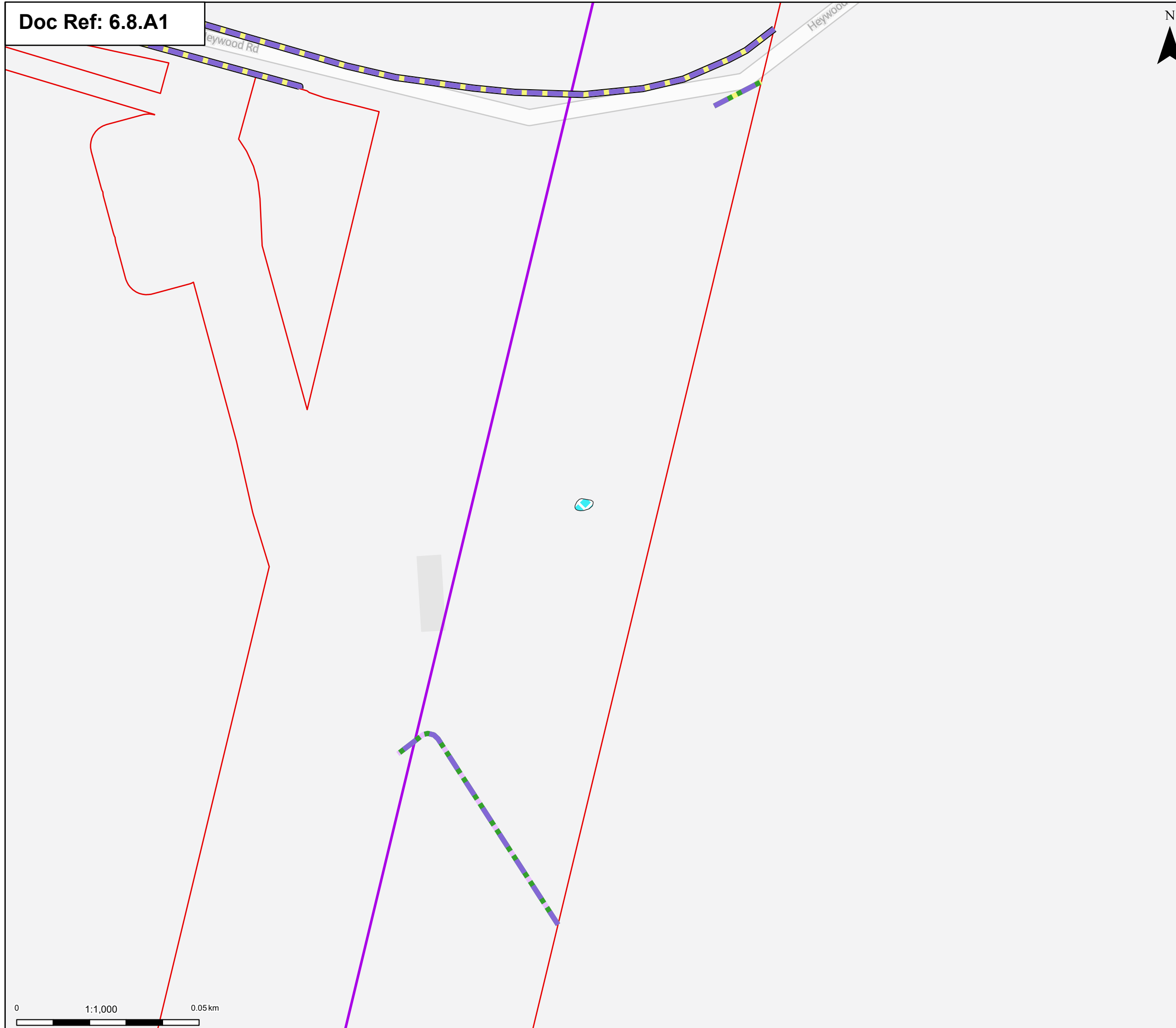
Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section A
 Page 9 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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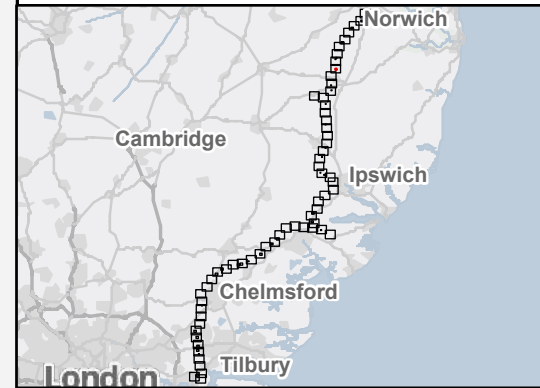
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- Order limits
 - Proposed project design details**
 - Proposed overhead line alignment
 - Discipline specific constraints**
 - Habitats of Principal Importance (HPI)**
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Species-rich native hedgerow with trees
 - Ponds (priority habitat)
- 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
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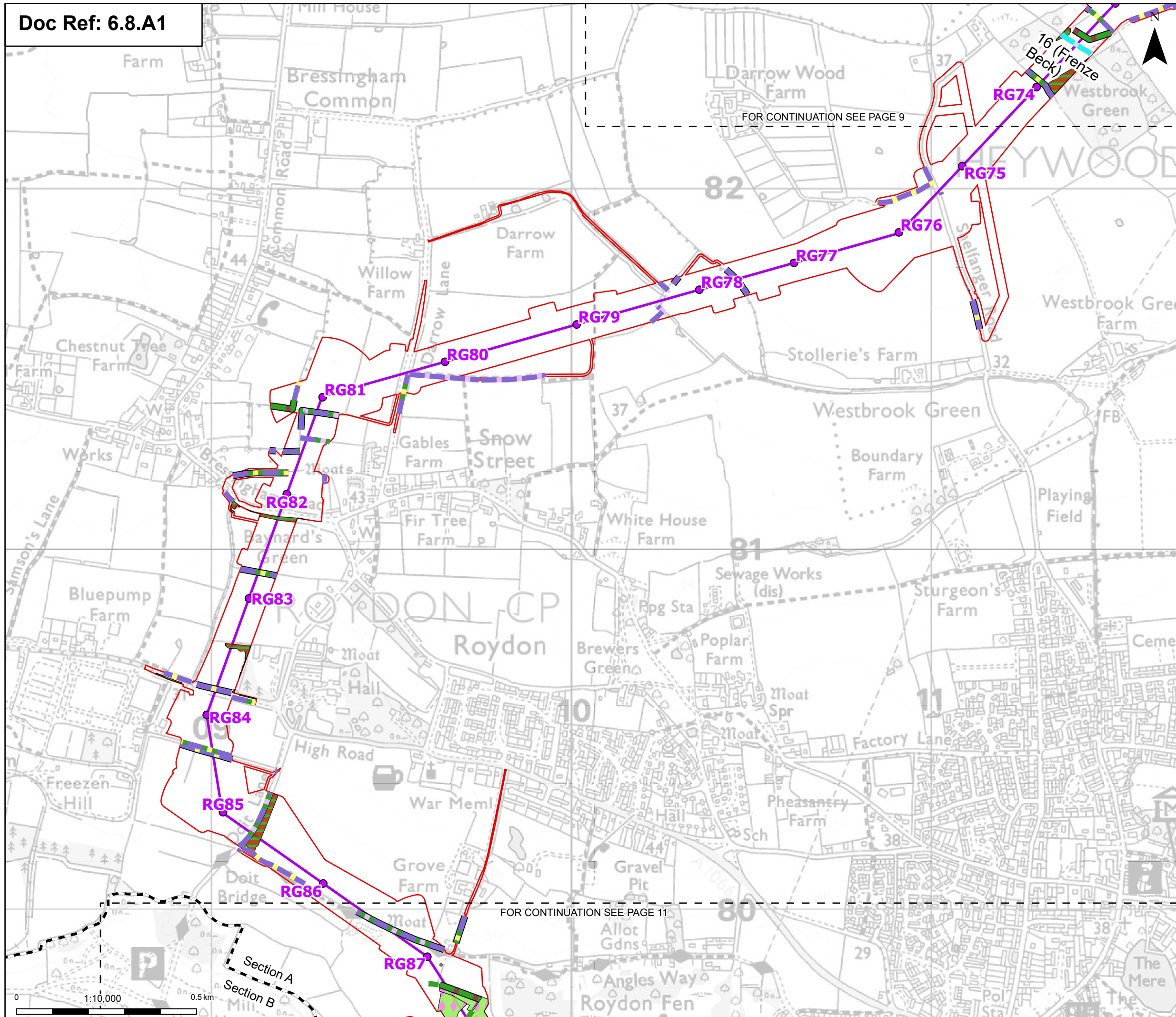
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section A
 Page 9a of 63

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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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-00335 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

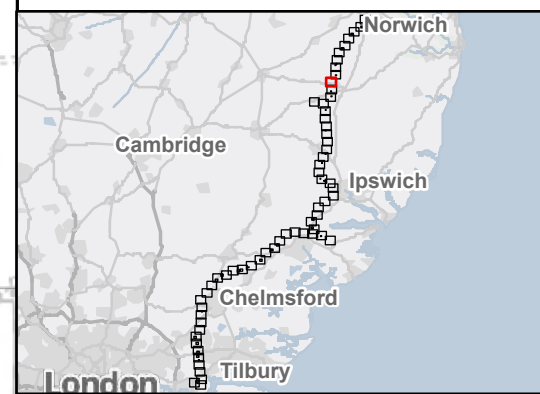
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Lowland mixed deciduous woodland
- Wet woodland

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
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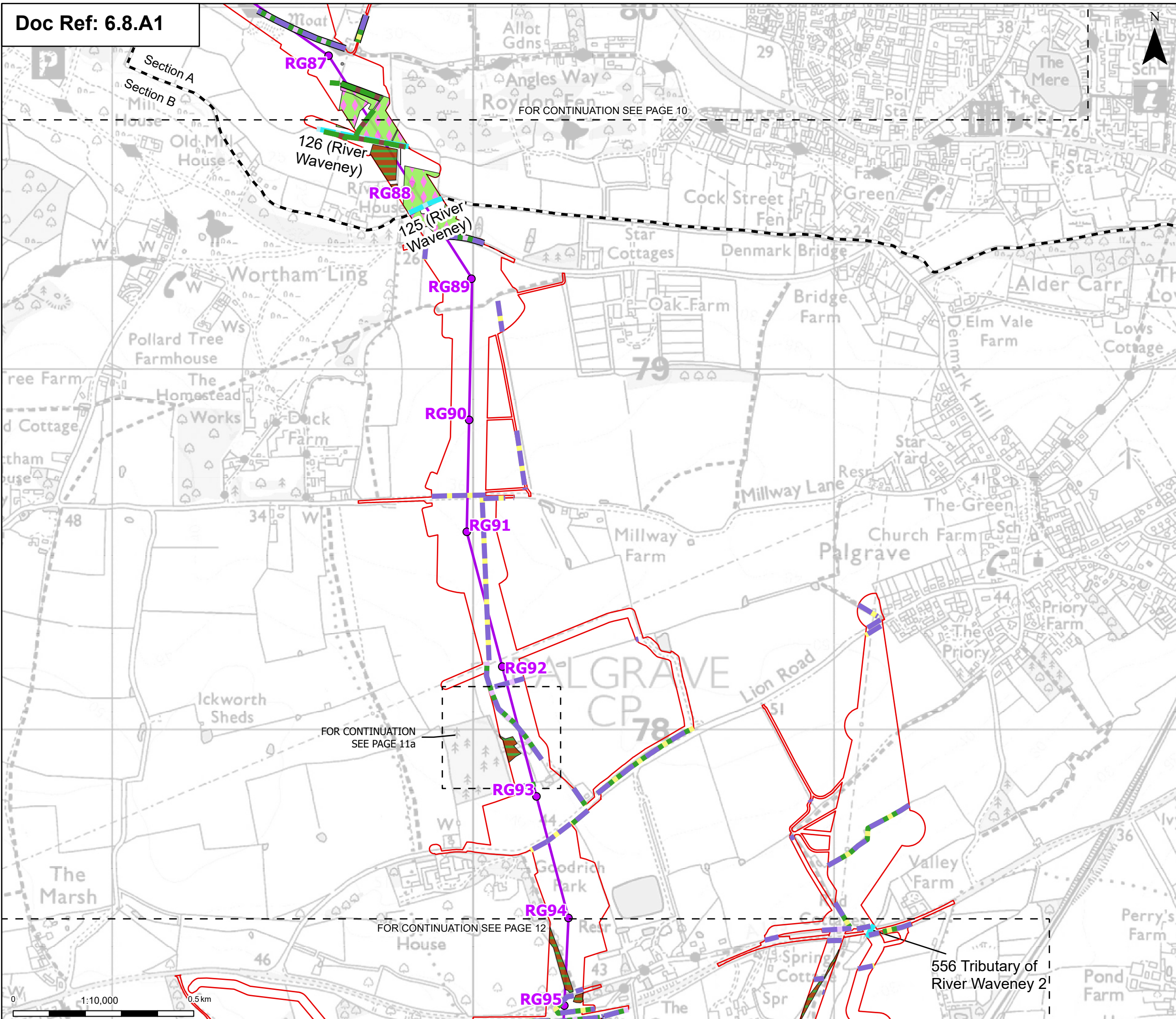
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 Page 10 of 63

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Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

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Drawing Number:
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Revision:
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Order limits
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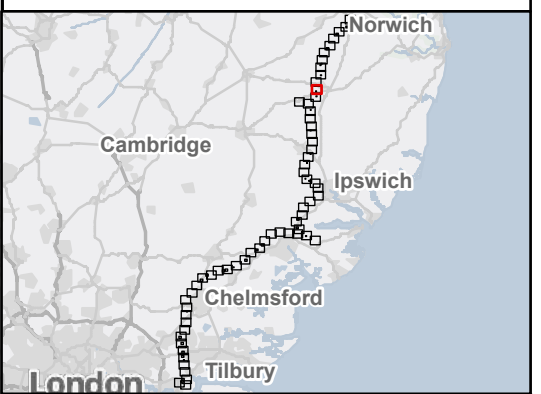
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental mitigation

Discipline specific constraints
 Habitats of Principal Importance (HPI)
 Priority habitat
 Native hedgerow
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch
 Ecologically valuable line of trees
 Ecologically valuable line of trees - associated with bank or ditch

Habitats of Principal Importance (HPI)
 Species-rich native hedgerow
 Species-rich native hedgerow with trees
 Species-rich native hedgerow with trees - associated with bank or ditch
 Floodplain wetland mosaic and coastal floodplain grazing marsh
 Lowland mixed deciduous woodland
 Ponds (priority habitat)

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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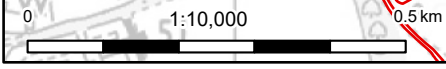
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Sections A and B
 Page 11 of 63

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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:
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Drawing Number:
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Revision:
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Order limits

Proposed project design details

Proposed overhead line alignment

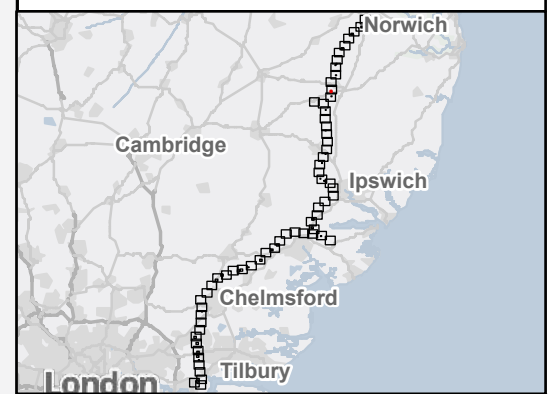
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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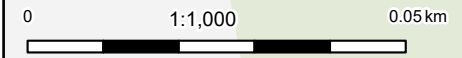
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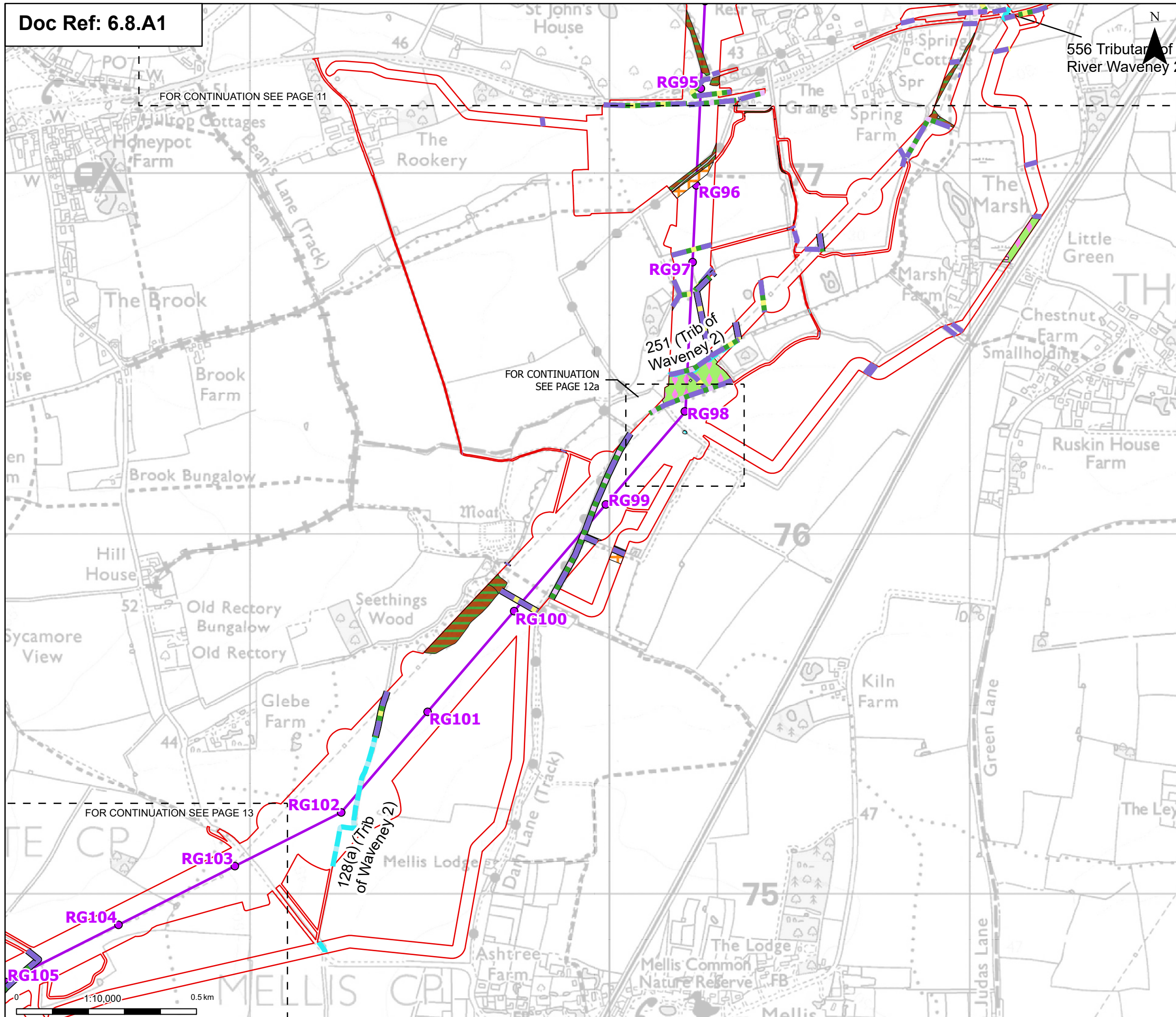
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 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section B
 Page 11a of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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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-00335	Revision:	C
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Order limits
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 Proposed standard lattice pylon location
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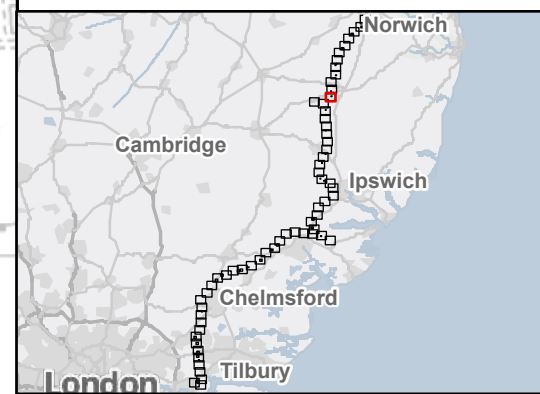
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Priority habitat
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch
 Species-rich native hedgerow
 Species-rich native hedgerow - associated with bank or ditch

Species-rich native hedgerow with trees
 Species-rich native hedgerow with trees - associated with bank or ditch
 Arable field margins game bird mix
 Floodplain wetland mosaic and coastal floodplain grazing marsh
 Lowland mixed deciduous woodland
 Ponds (priority habitat)

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

Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
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Designed	A. Pinkney	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Revision:
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Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

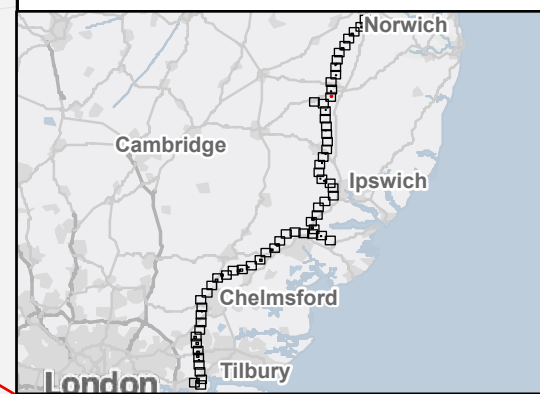
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Ponds (priority habitat)

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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nationalgrid Norwich to Tilbury

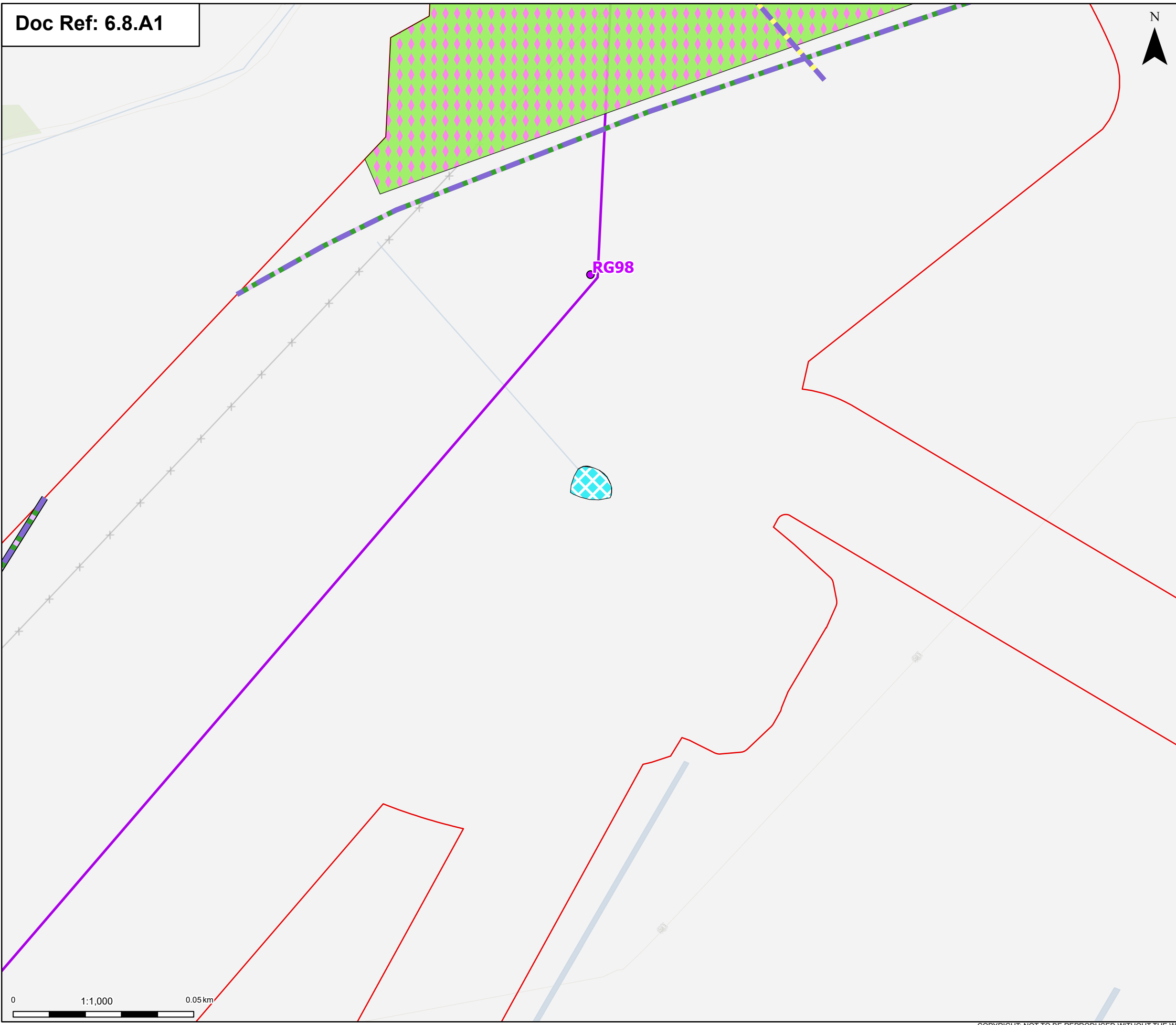
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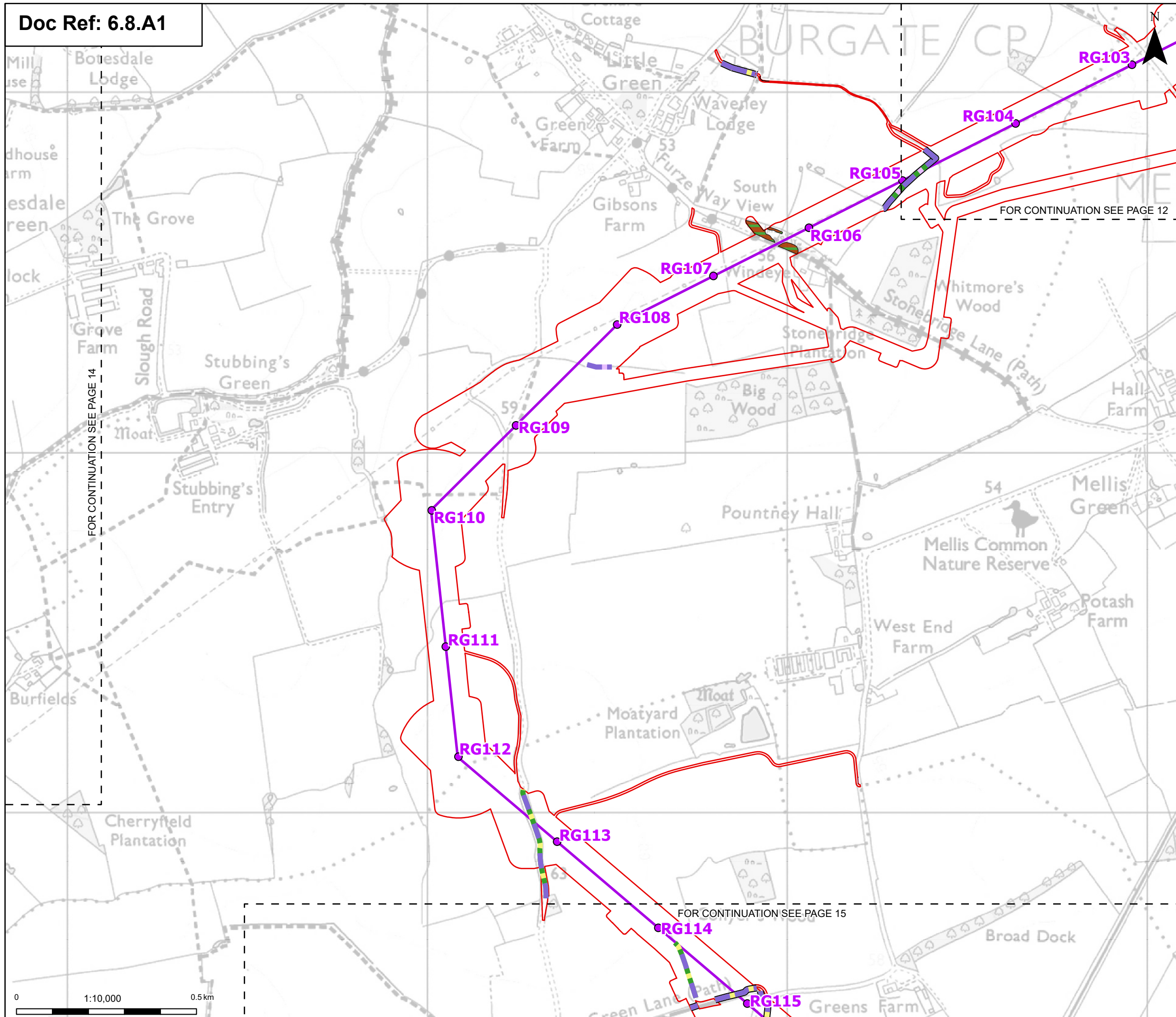
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Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00335	Revision:	C
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Order limits
 Sheet index outline

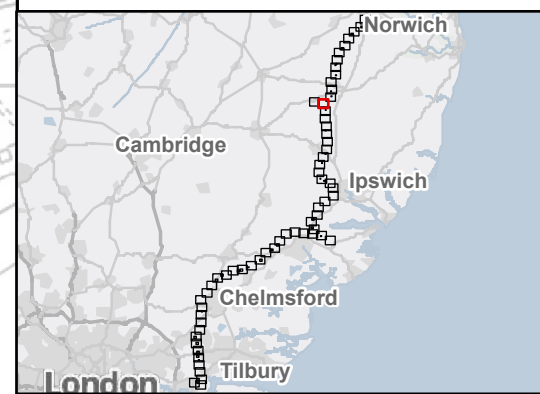
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 Proposed overhead line alignment

Discipline specific constraints
 Habitats of Principal Importance (HPI)
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees

Species-rich native hedgerow
 Species-rich native hedgerow with trees - associated with bank or ditch
 Lowland mixed deciduous woodland

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	KF	AF	KB

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nationalgrid Norwich to Tilbury

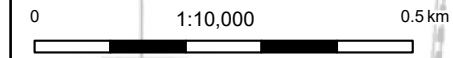
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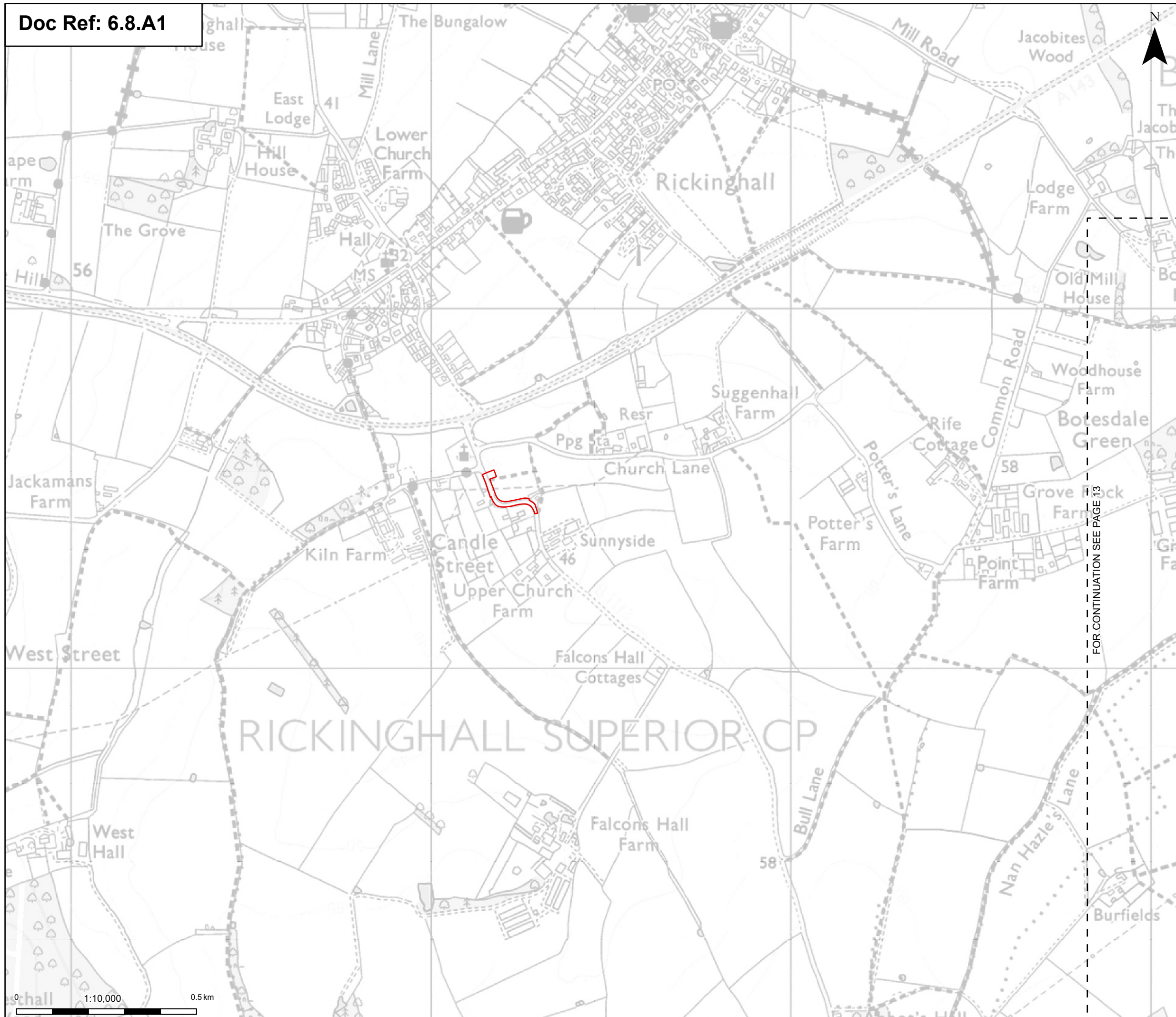
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 Page 13 of 63

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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:
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Drawing Number:
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 Revision:
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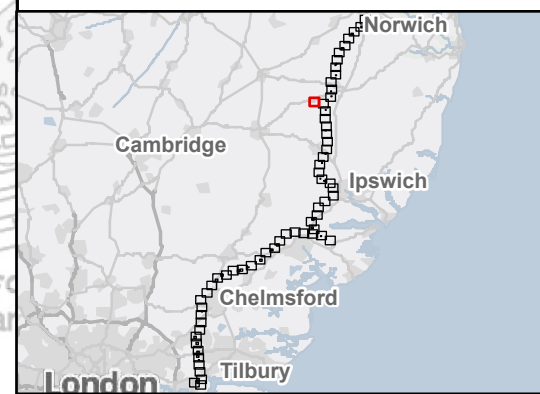




Order limits
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Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference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

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PROJECT:
nationalgrid Norwich to Tilbury

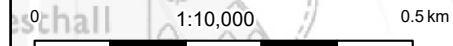
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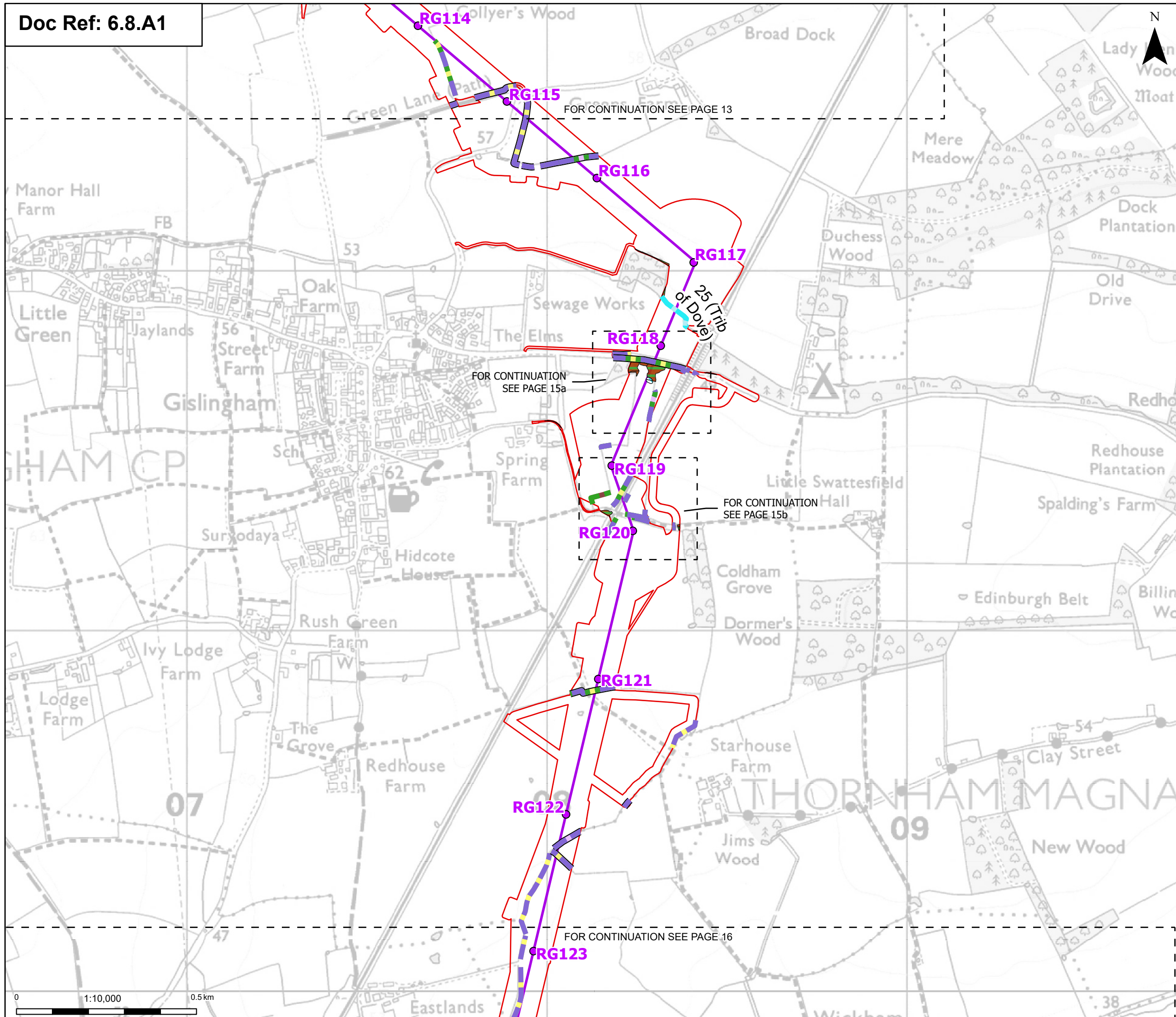
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Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335
 Revision:
C





Order limits

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Proposed project design details

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

Discipline specific constraints

Habitats of Principal Importance (HPI)

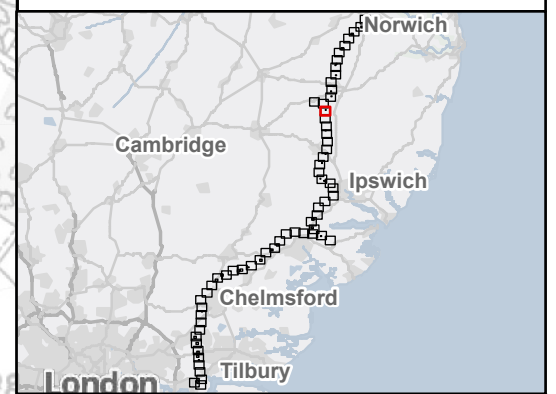
- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Ecologically valuable line of trees

- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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)

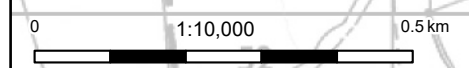
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 Section B
 Page 15 of 63

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Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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Revision:
 C





Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

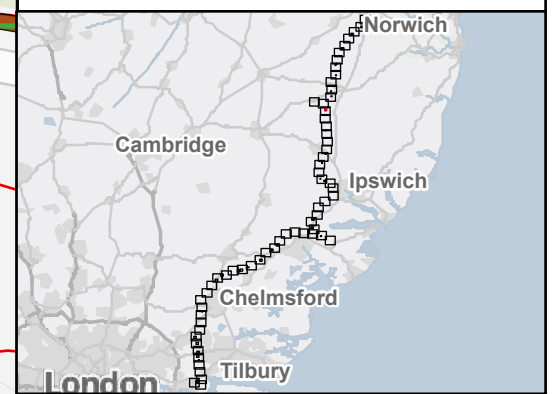
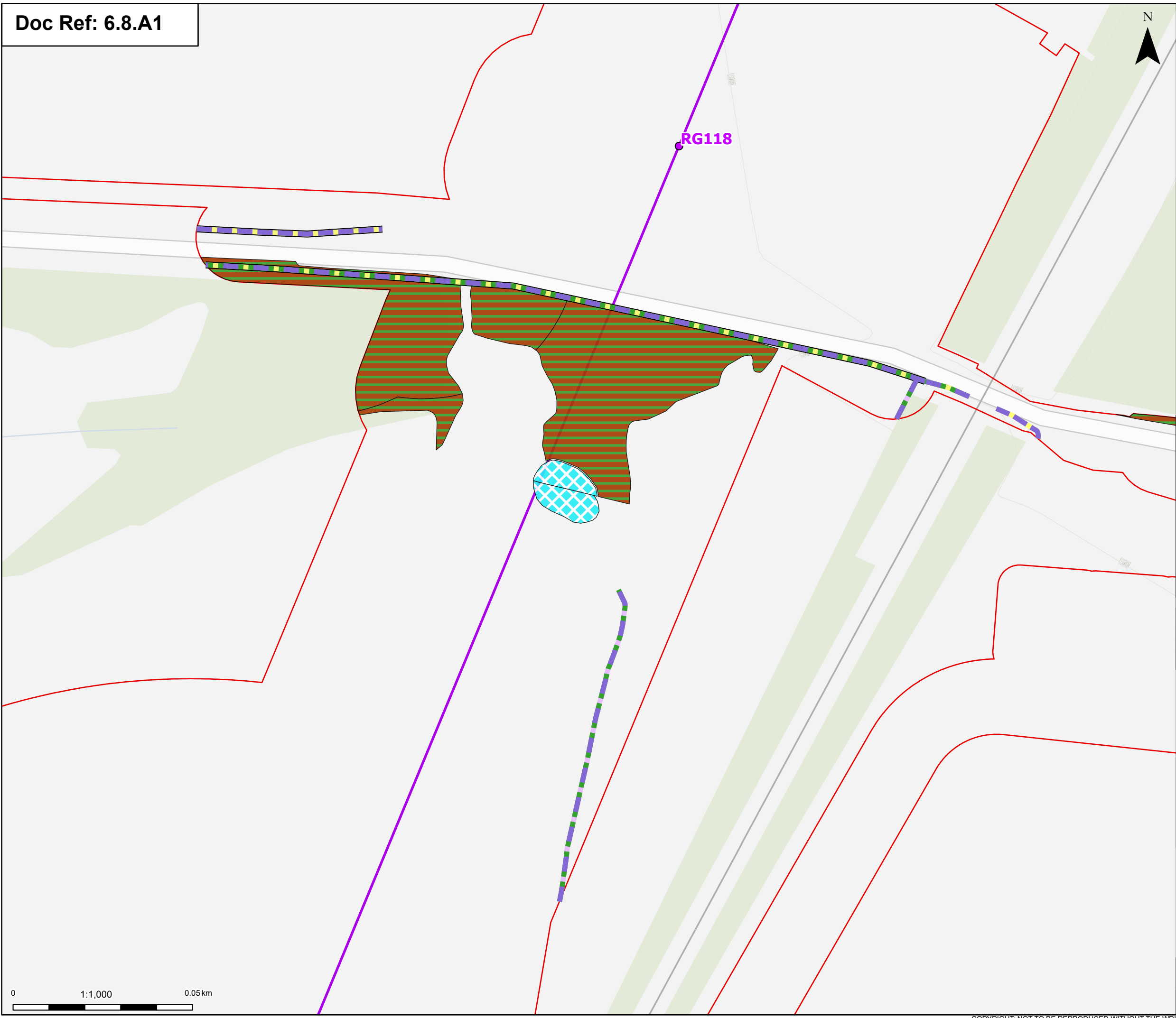
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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:
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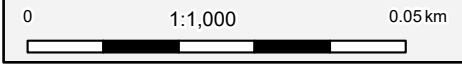
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 15a of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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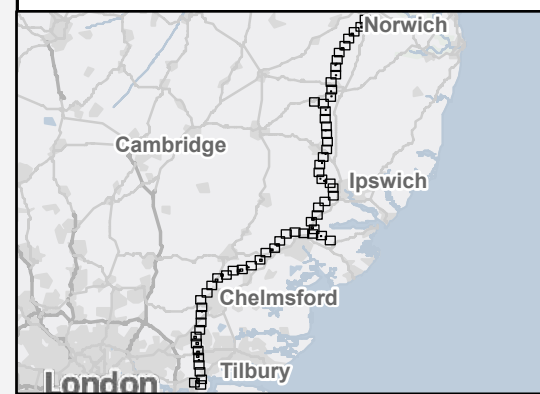
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 Revision: **C**





- Order limits
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Discipline specific constraints**
 - Habitats of Principal Importance (HPI)**
 - Native hedgerow with trees
 - Ecologically valuable line of trees
 - Species-rich native hedgerow with trees
 - Lowland mixed deciduous woodland
- 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
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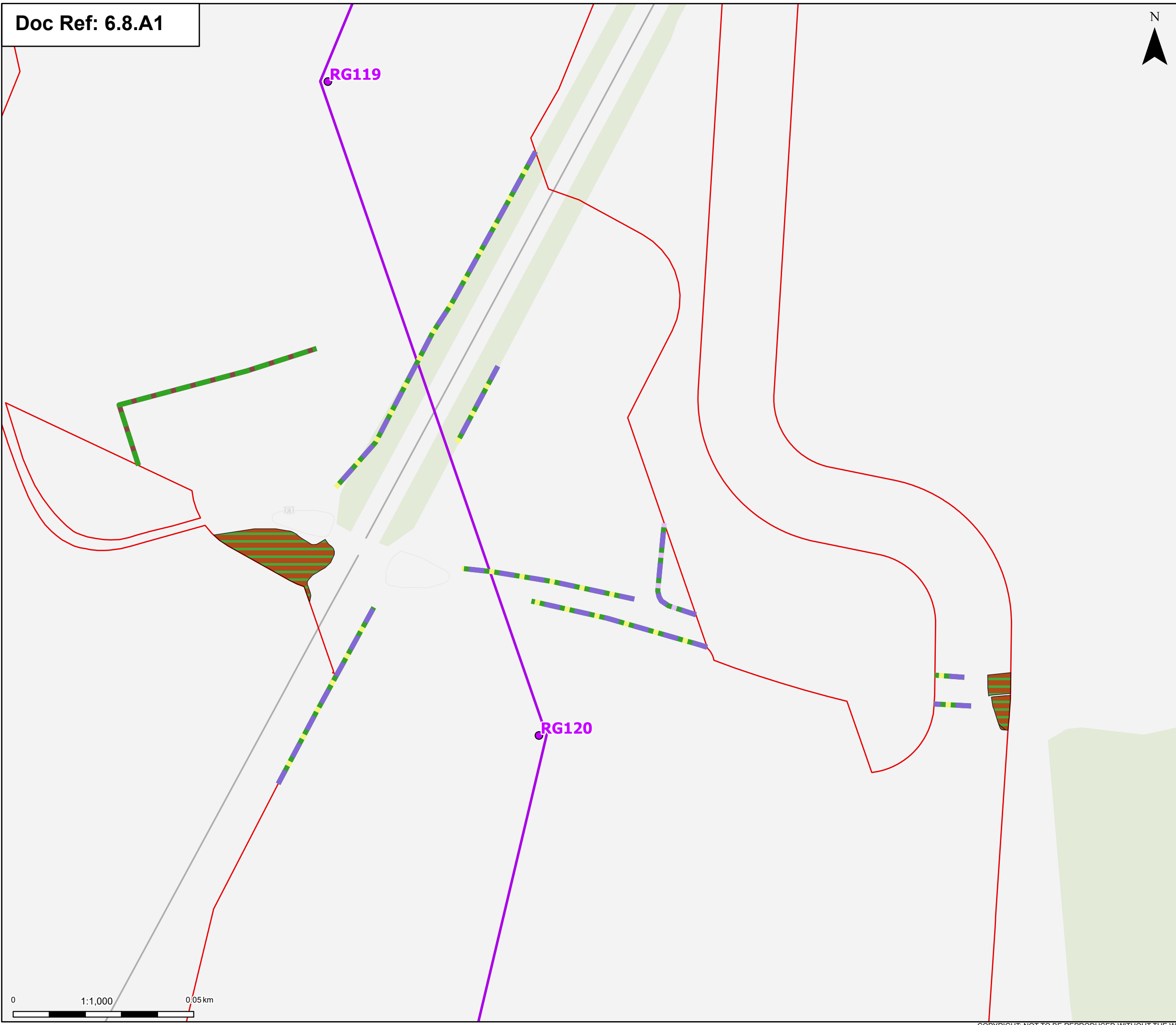
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 Page 15b of 63

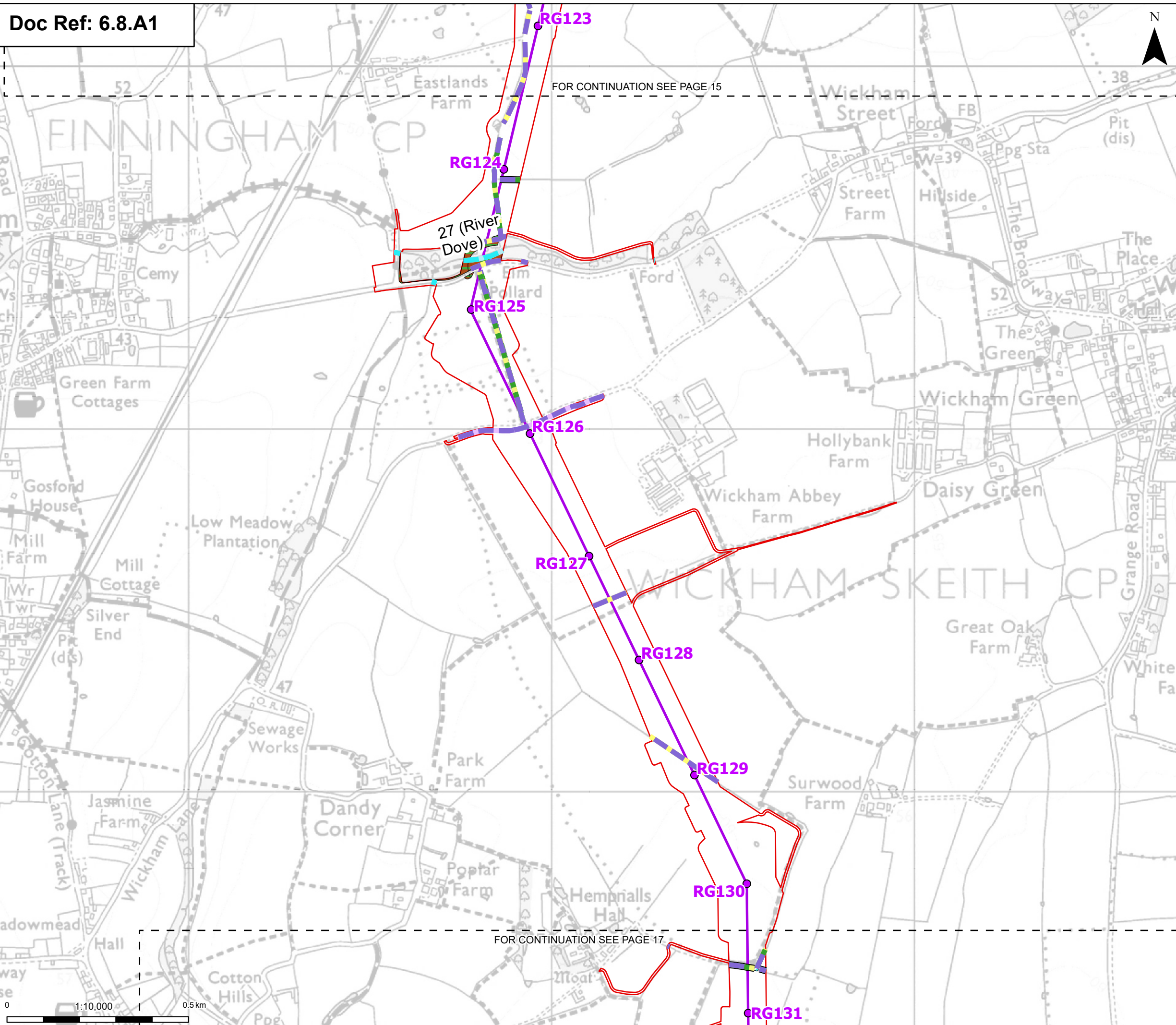
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Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
C





Order limits

Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow

Species-rich native hedgerow with trees

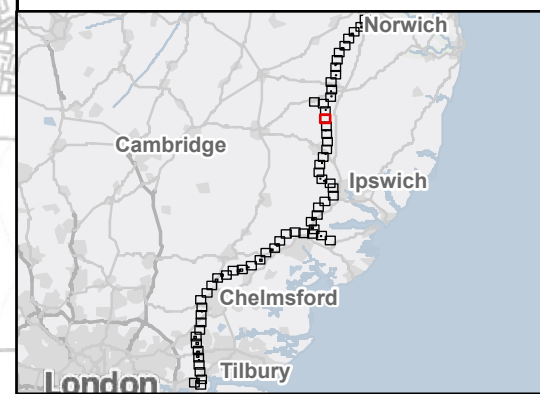
Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland

Ponds (priority habitat)

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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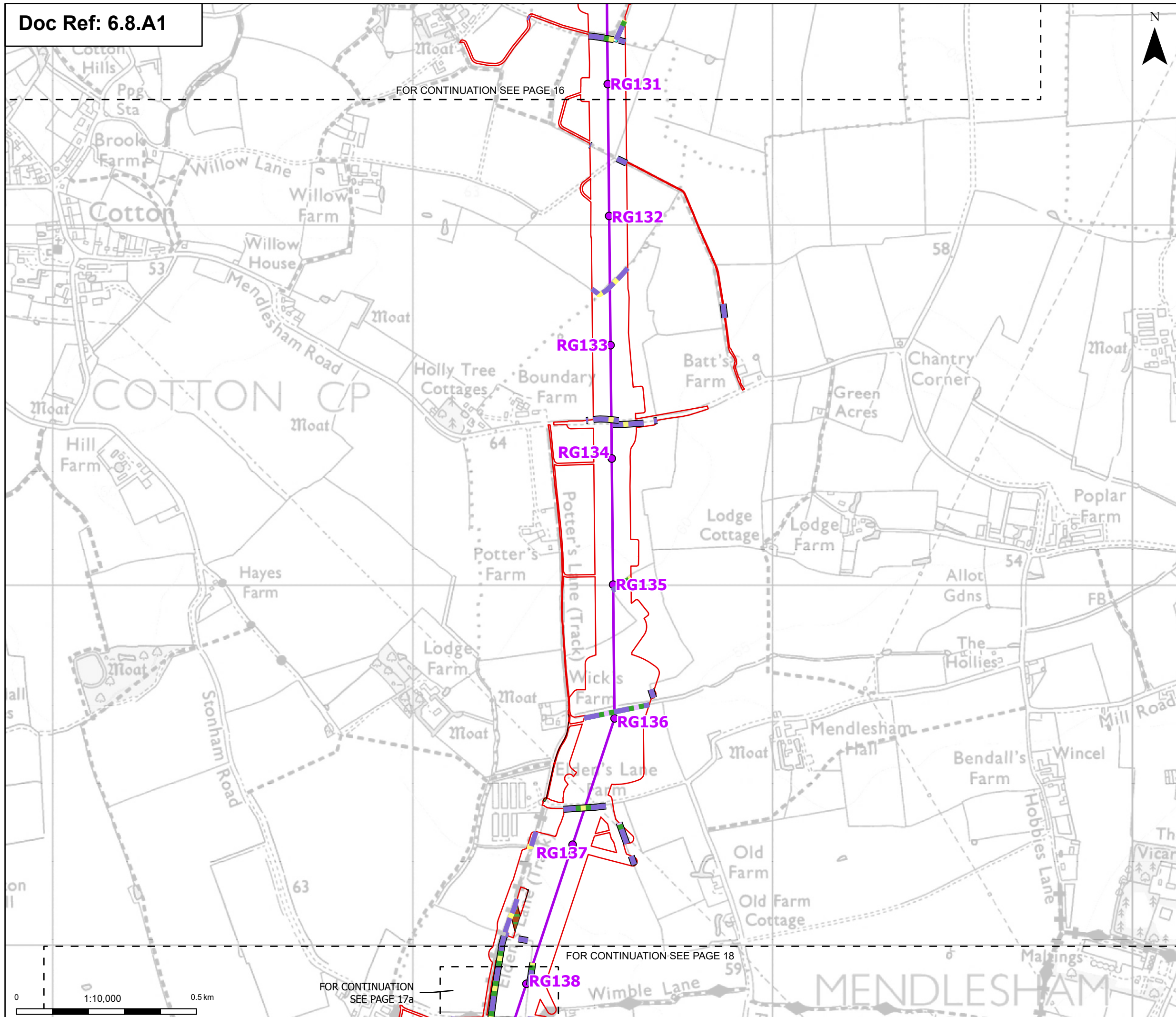
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 Section B
 Page 16 of 63

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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:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

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 C



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FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 17a



Order limits
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 Proposed standard lattice pylon location
 Proposed overhead line alignment

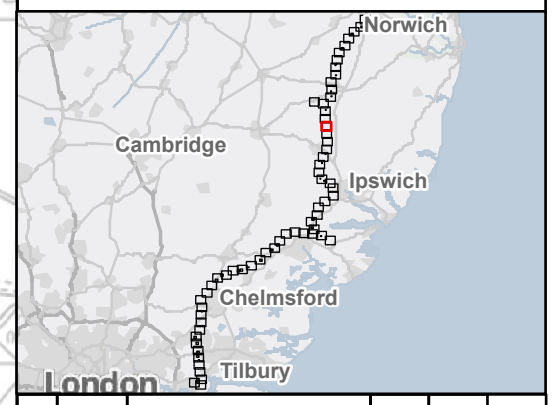
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow with trees
 Species-rich native hedgerow with trees - associated with bank or ditch
 Lowland mixed deciduous woodland
 Ponds (priority habitat)

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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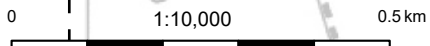
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 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section B
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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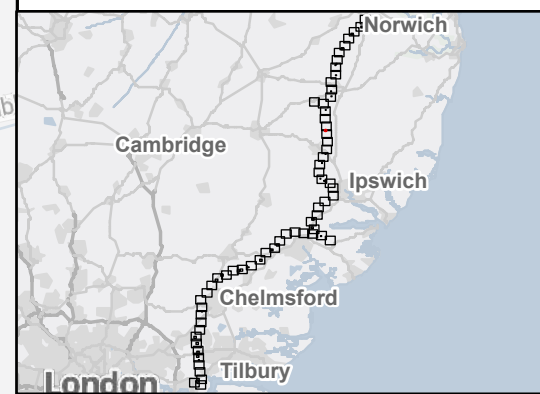




- Order limits
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Habitats of Principal Importance (HPI)**
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees - associated with bank or ditch
- Ponds (priority habitat)

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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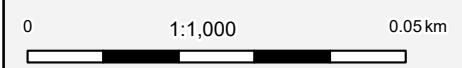
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
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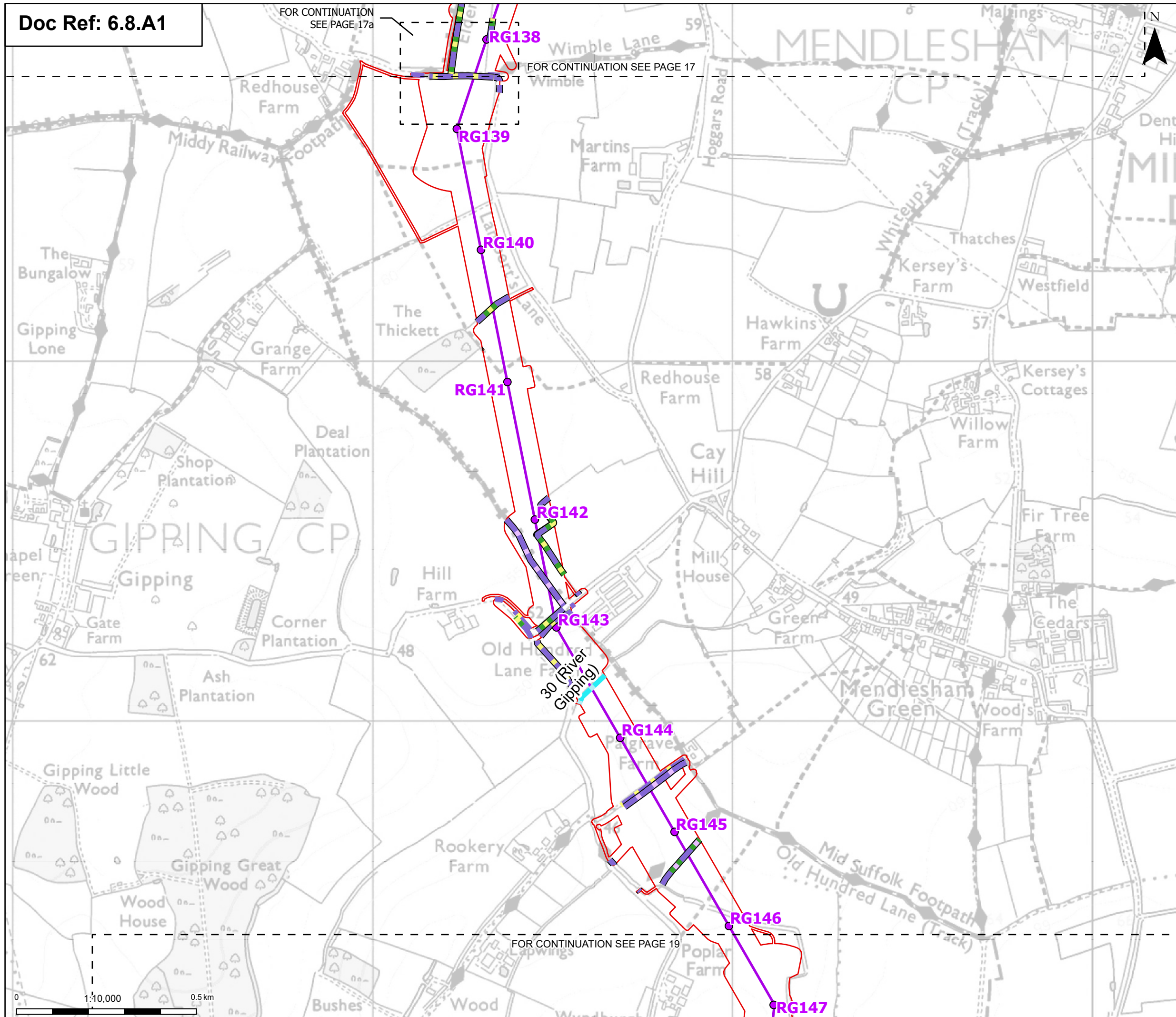
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SEE PAGE 17a

FOR CONTINUATION SEE PAGE 17

FOR CONTINUATION SEE PAGE 19



Order limits
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Proposed project design details
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 Proposed overhead line alignment

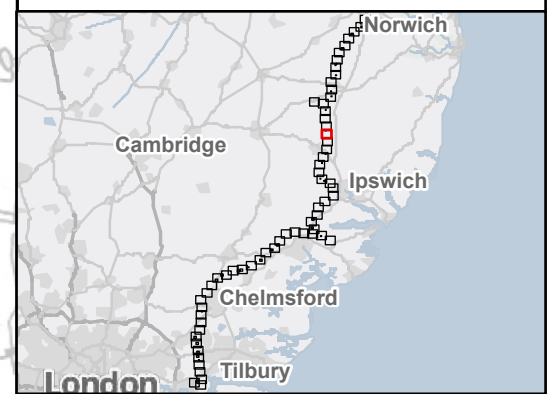
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Priority habitat
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow - associated with bank or ditch
 Species-rich native hedgerow with trees - associated with bank or ditch
 Lowland mixed deciduous woodland
 Ponds (priority habitat)

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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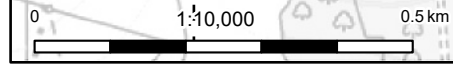
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 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section B
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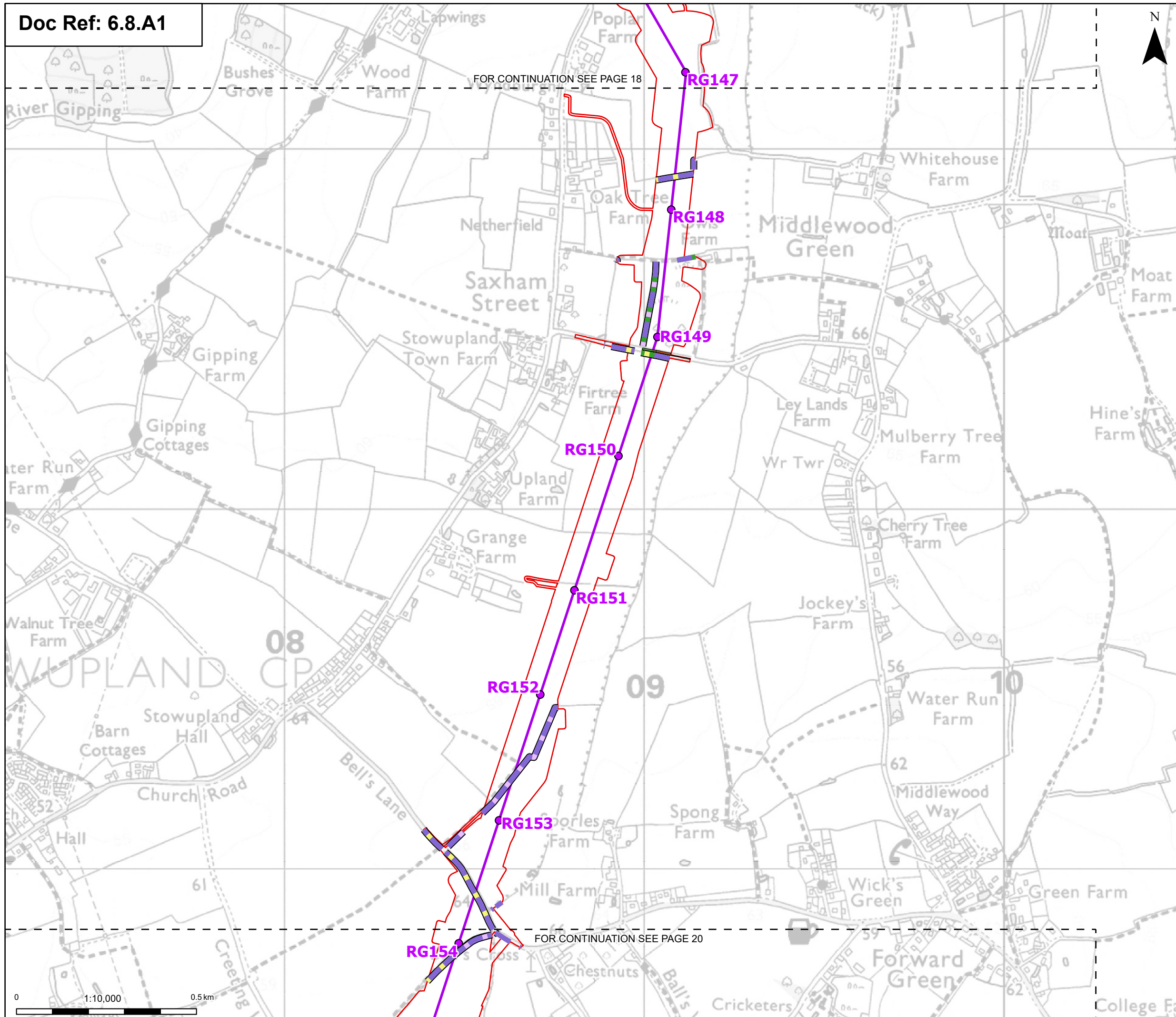
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Drawing Number:
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FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 20



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- Proposed standard lattice pylon location
- Proposed overhead line alignment

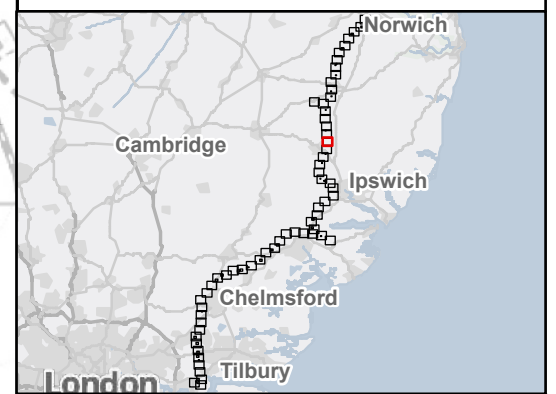
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland

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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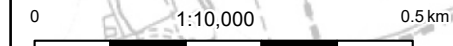
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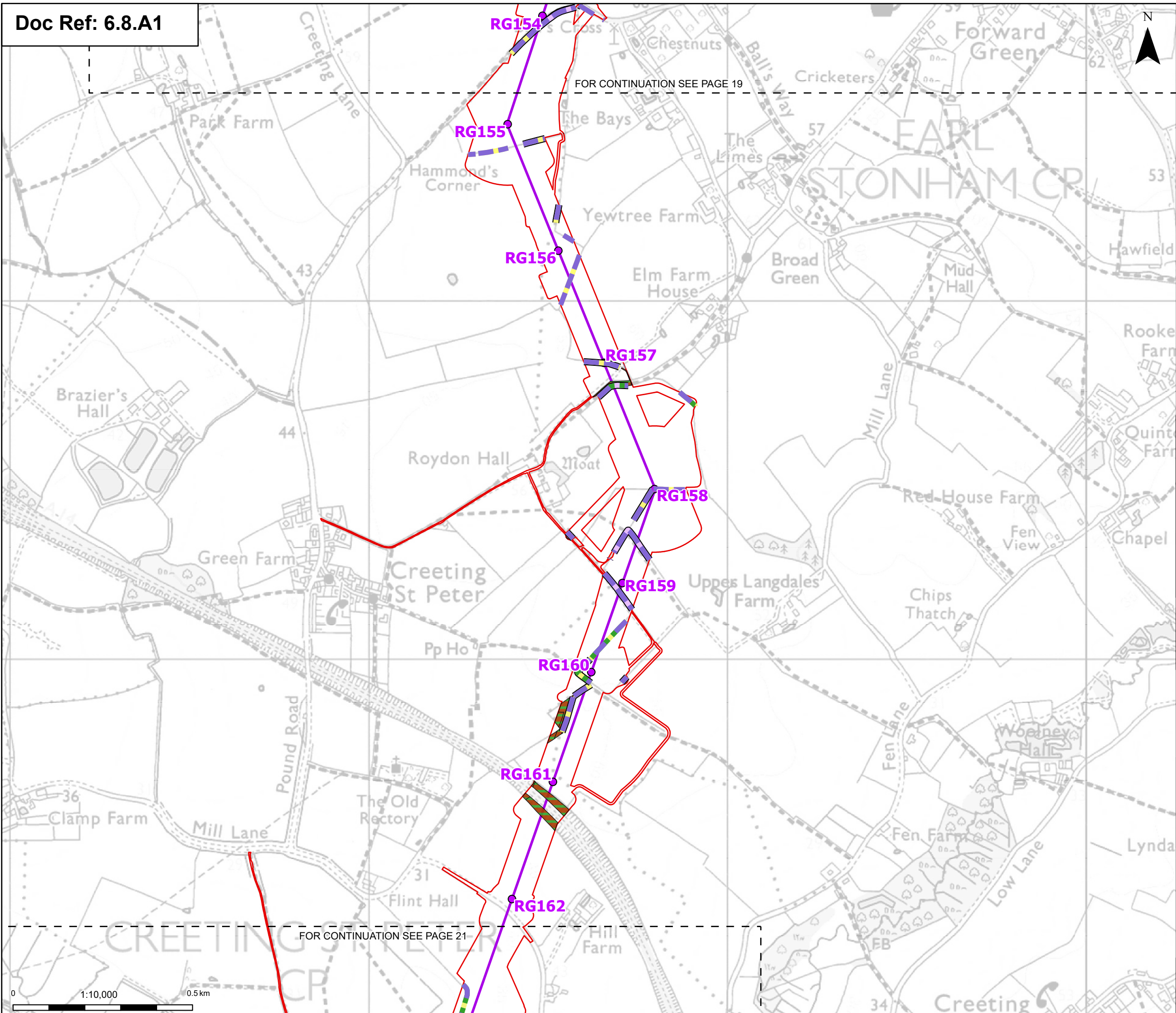
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
Section B
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Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00335
Revision: C





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 Proposed overhead line alignment

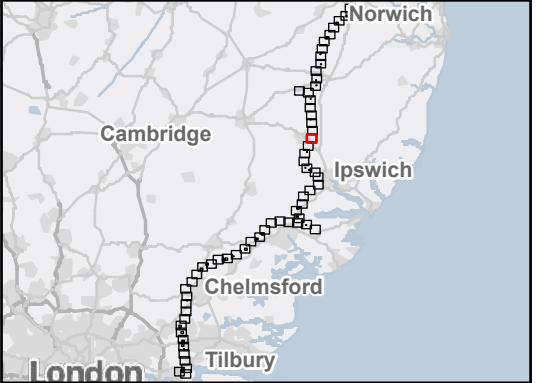
Discipline specific constraints

Habitats of Principal Importance (HPI)
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 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow - associated with bank or ditch
 Species-rich native hedgerow with trees - associated with bank or ditch
 Lowland mixed deciduous woodland

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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 nationalgrid Norwich to Tilbury

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

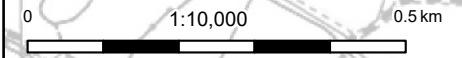
Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 20 of 63

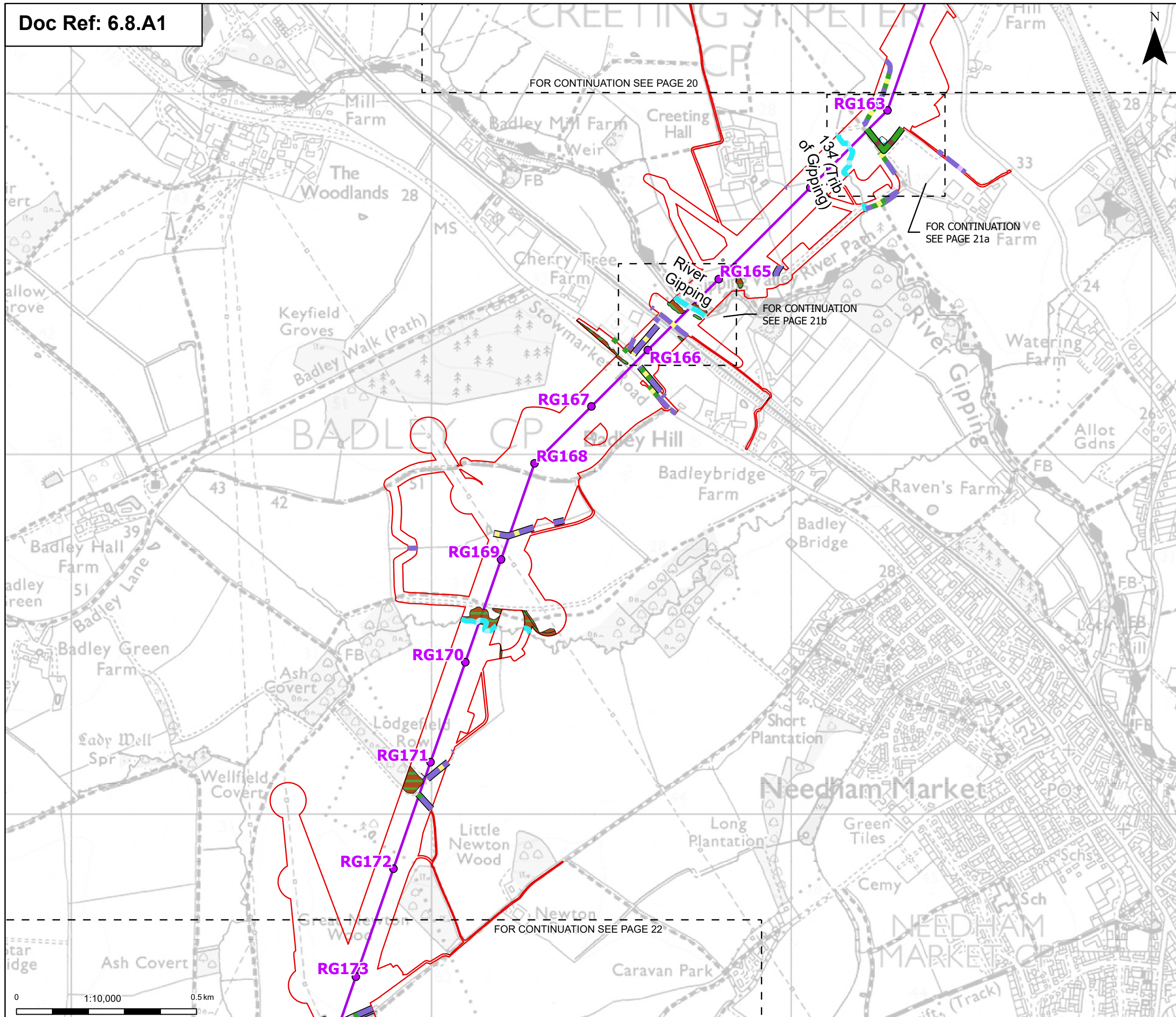
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
 C





Order limits
 Sheet index outline

Proposed project design details

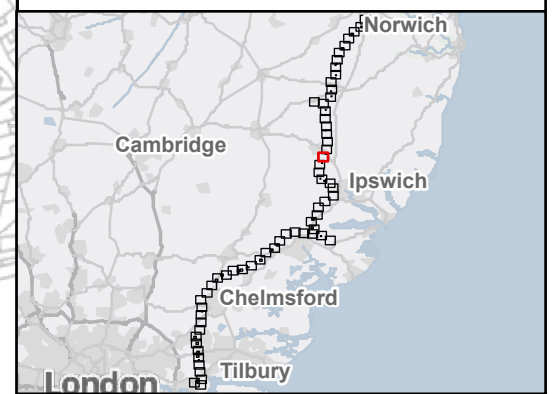
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation

Discipline specific constraints

- Habitats of Principal Importance (HPI)
 - Priority habitat
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)
- Wet woodland

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	KF	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

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

Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 21 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-00335

Revision:
 C



Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

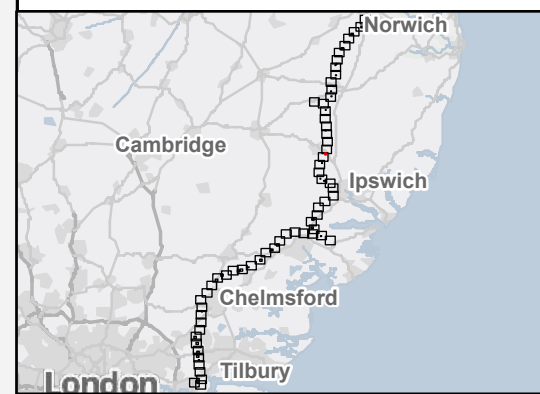
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow with trees
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow
- Ponds (priority habitat)

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	KF	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

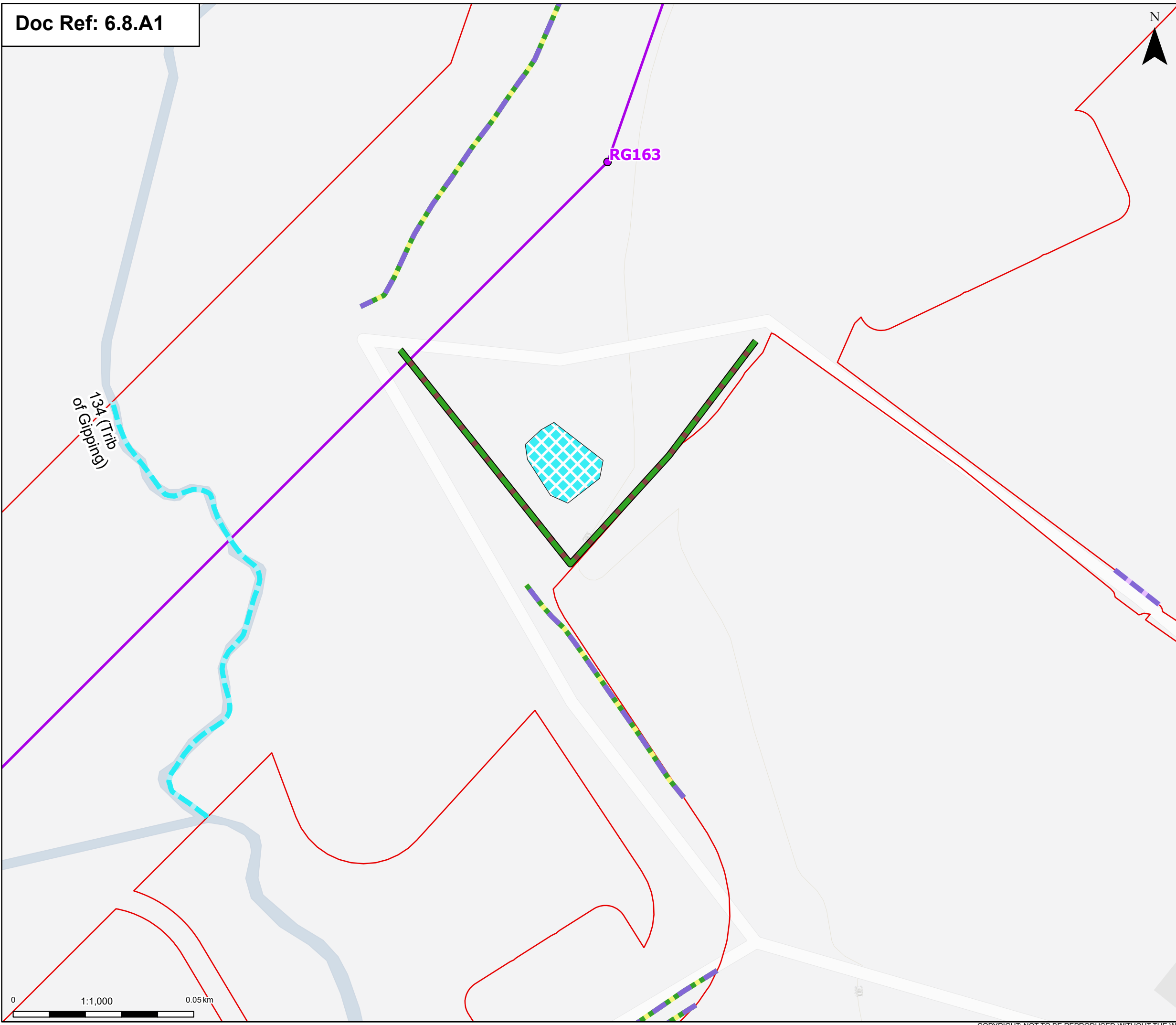
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(1)(ii)

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 21a 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:	1:1,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

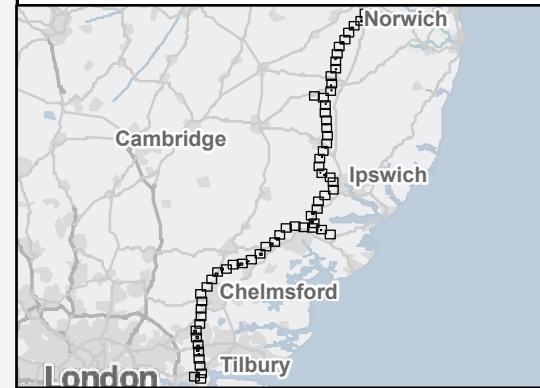
Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00335	Revision: C
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- Order limits
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Discipline specific constraints**
 - Habitats of Principal Importance (HPI)**
 - Priority habitat
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Ecologically valuable line of trees
 - Lowland mixed deciduous woodland
 - Wet woodland
- 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
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PROJECT:
nationalgrid Norwich to Tilbury

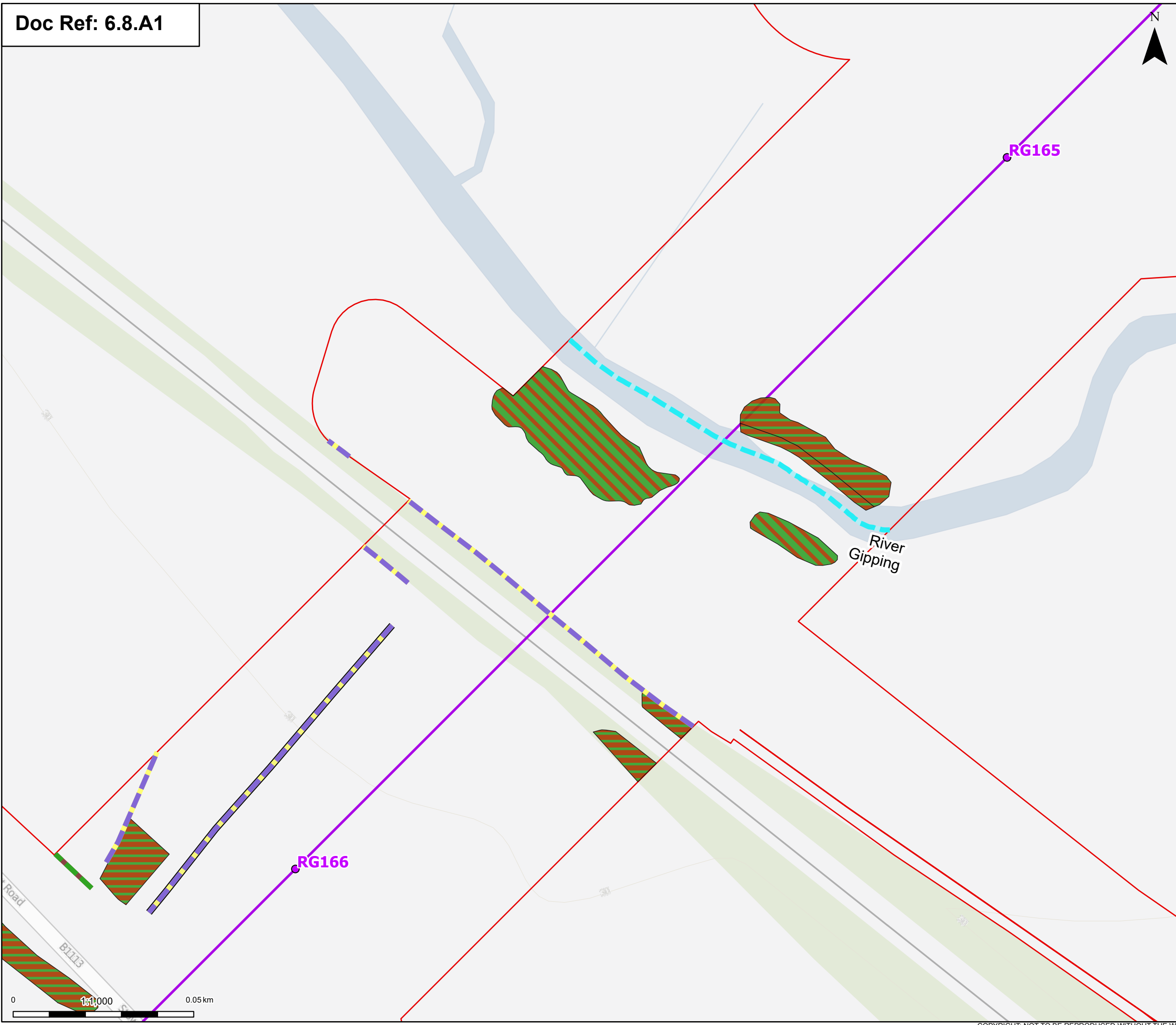
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 Regulation 5(2)(a)&(1)(ii)

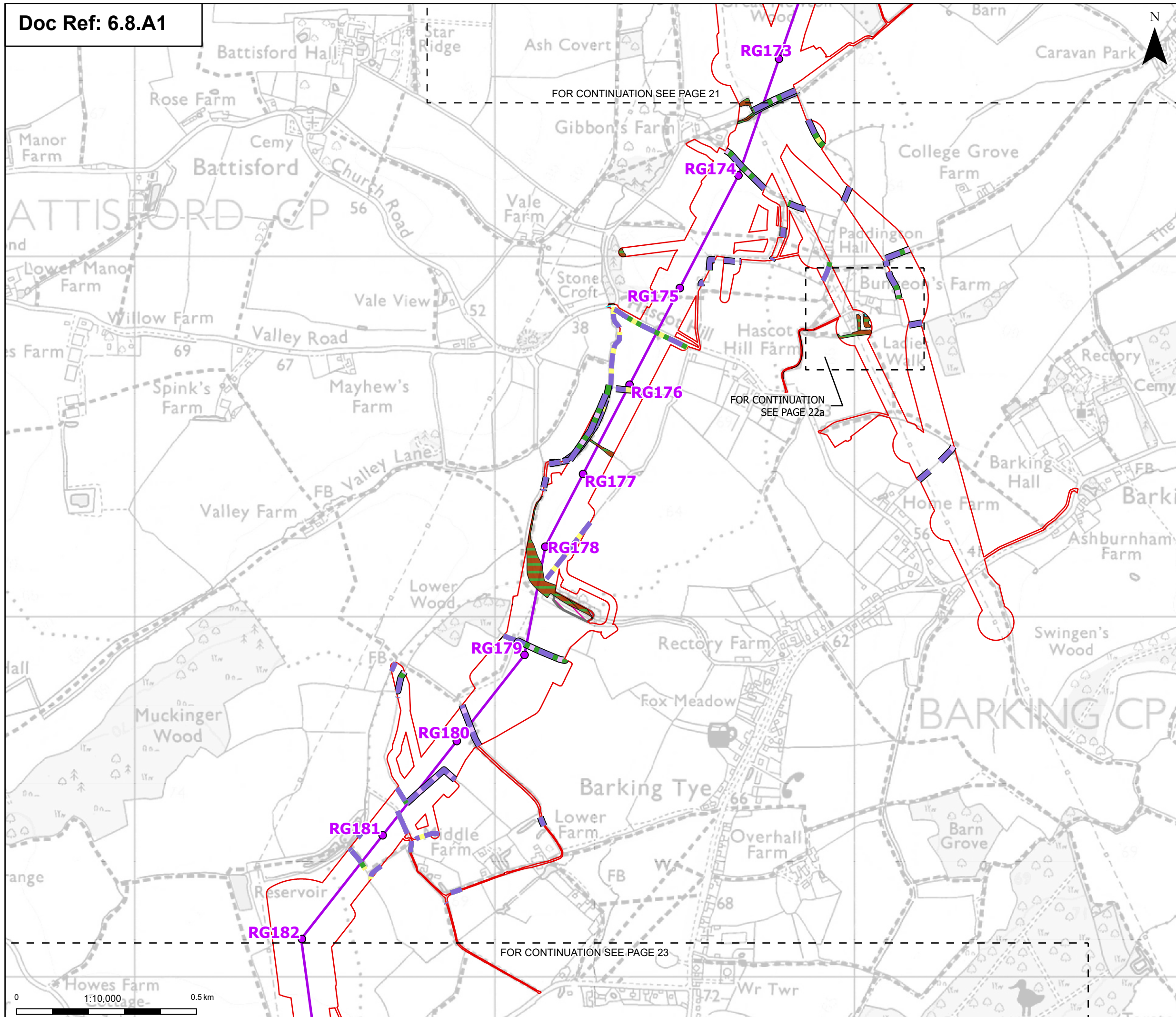
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 21b of 63

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	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-00335	Revision:	C
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Order limits

- Sheet index outline

Proposed project design details

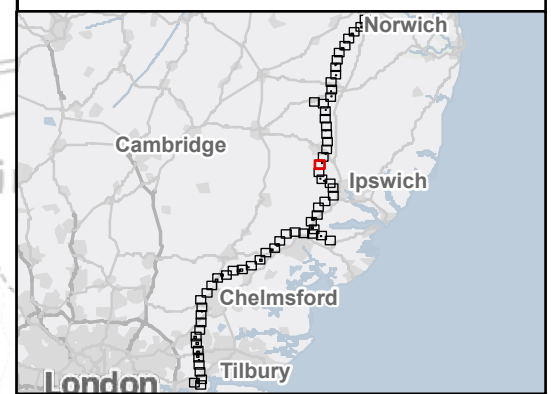
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation

Discipline specific constraints

- Habitats of Principal Importance (HPI)
 - Priority habitat
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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)

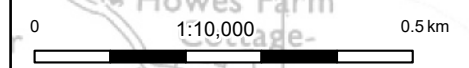
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
Page 22 of 63

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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-00335

Revision:
C









Order limits

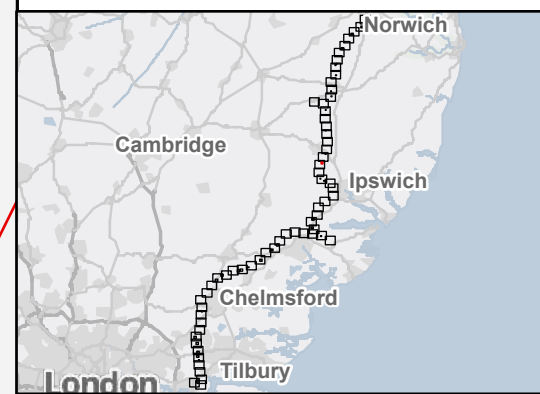
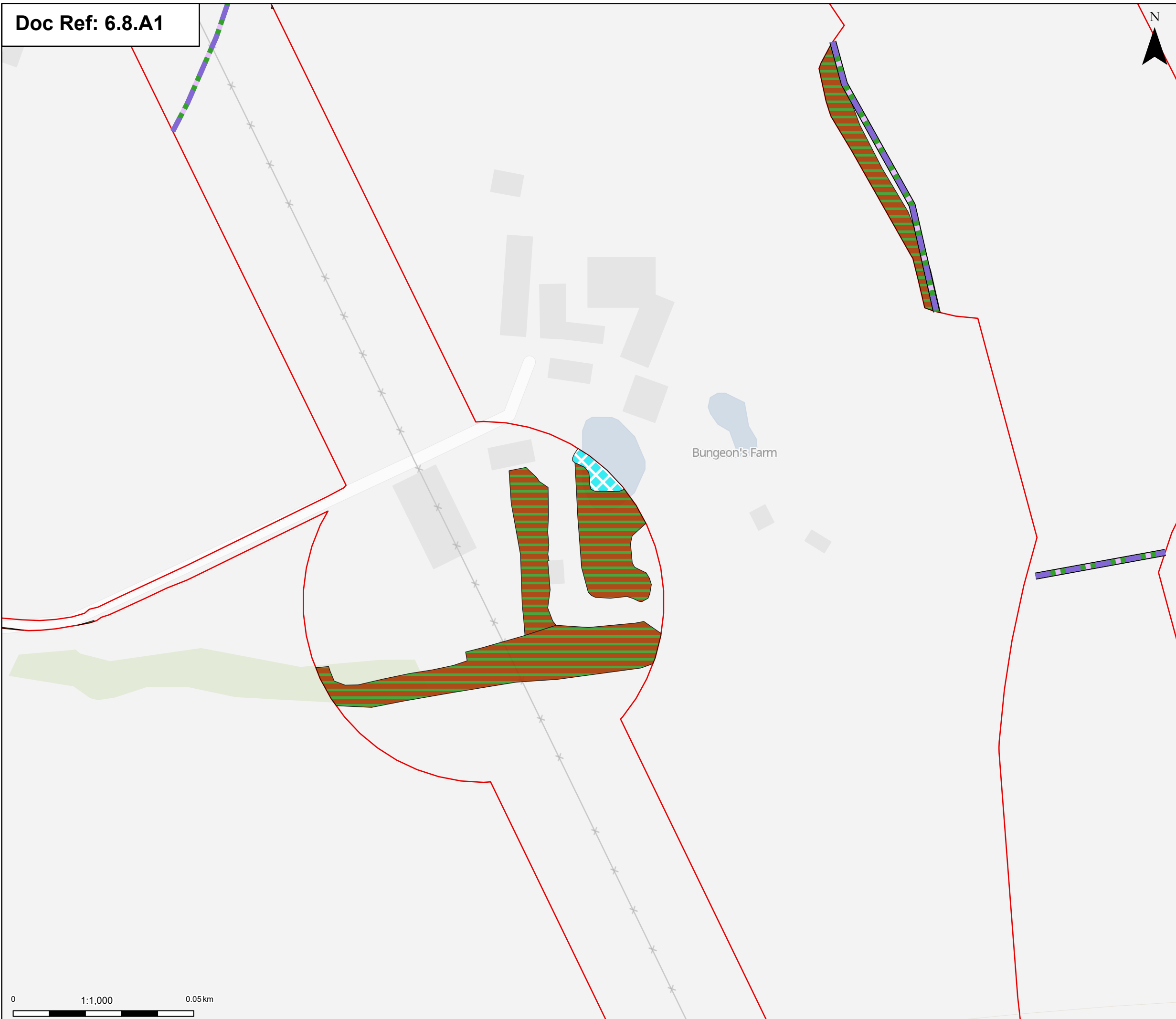
Discipline specific constraints

Habitats of Principal Importance (HPI)

-  Species-rich native hedgerow with trees
-  Species-rich native hedgerow with trees - associated with bank or ditch
-  Lowland mixed deciduous woodland
-  Ponds (priority habitat)

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 A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 22a 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:	1:1,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
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Drawing Number:
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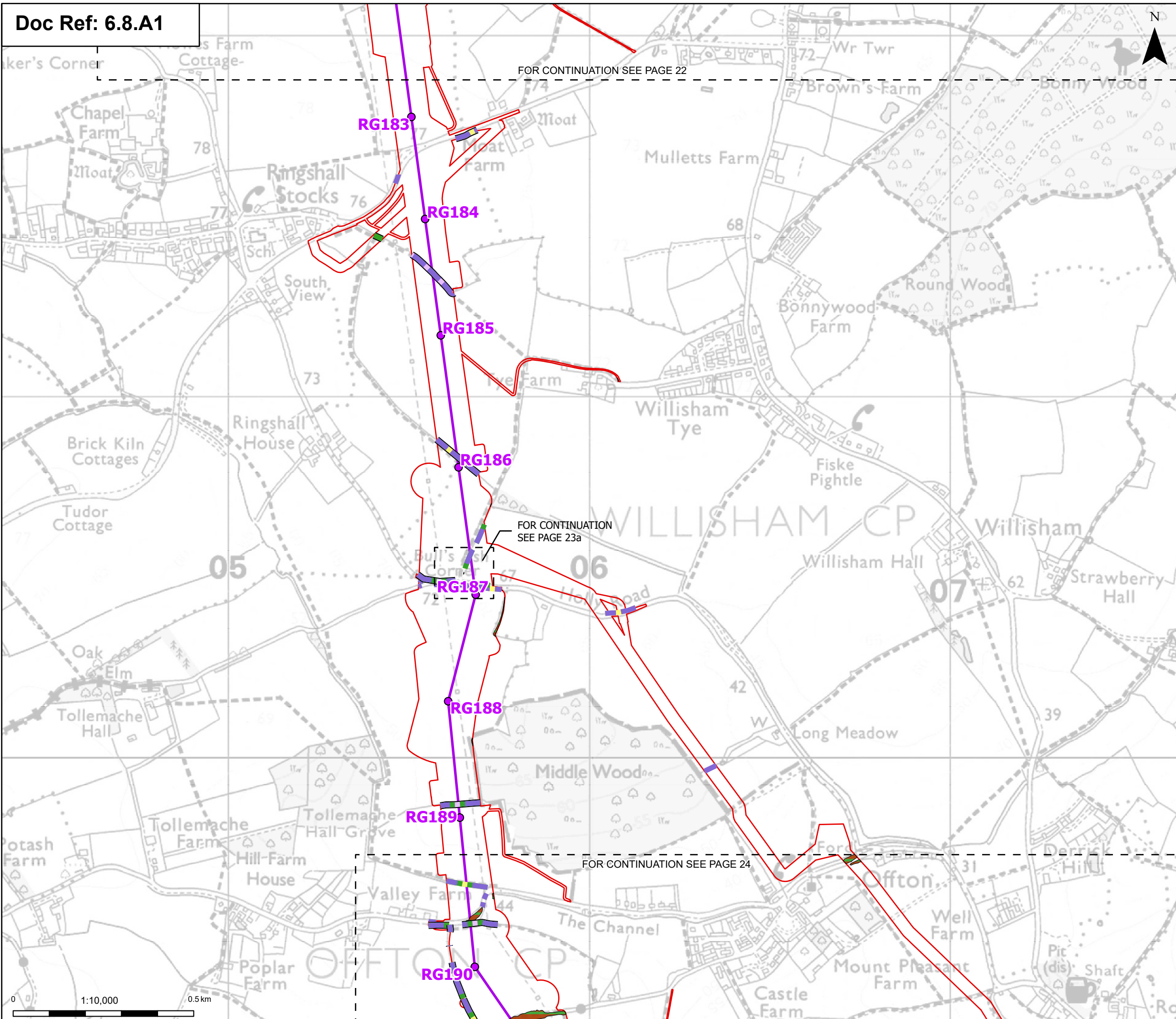
Revision:
C



FOR CONTINUATION SEE PAGE 22

FOR CONTINUATION SEE PAGE 23a

FOR CONTINUATION SEE PAGE 24



Order limits
 Sheet index outline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment

Discipline specific constraints

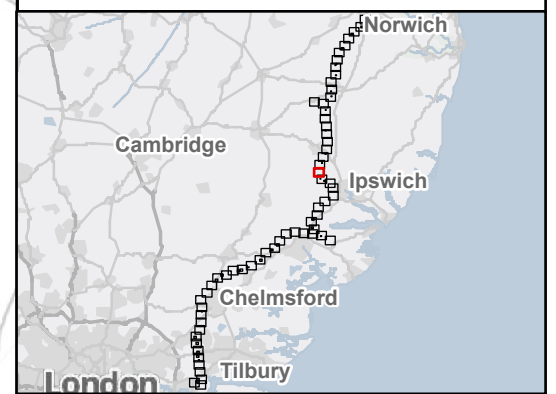
Habitats of Principal Importance (HPI)
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch
 Ecologically valuable line of trees - associated with bank or ditch

Species-rich native hedgerow
 Species-rich native hedgerow - associated with bank or ditch
 Species-rich native hedgerow with trees
 Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland
Ponds (priority habitat)

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)

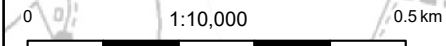
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 23 of 63

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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-00335

Revision:
C





Order limits

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment

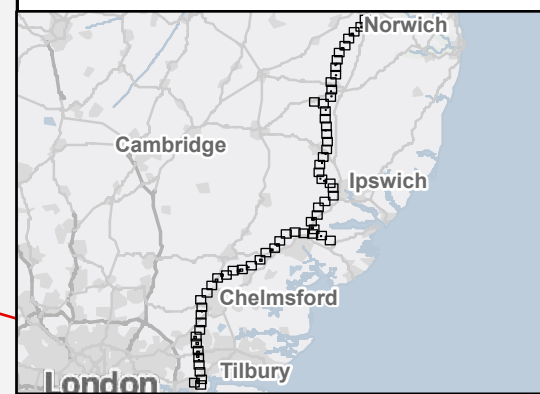
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow with trees
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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

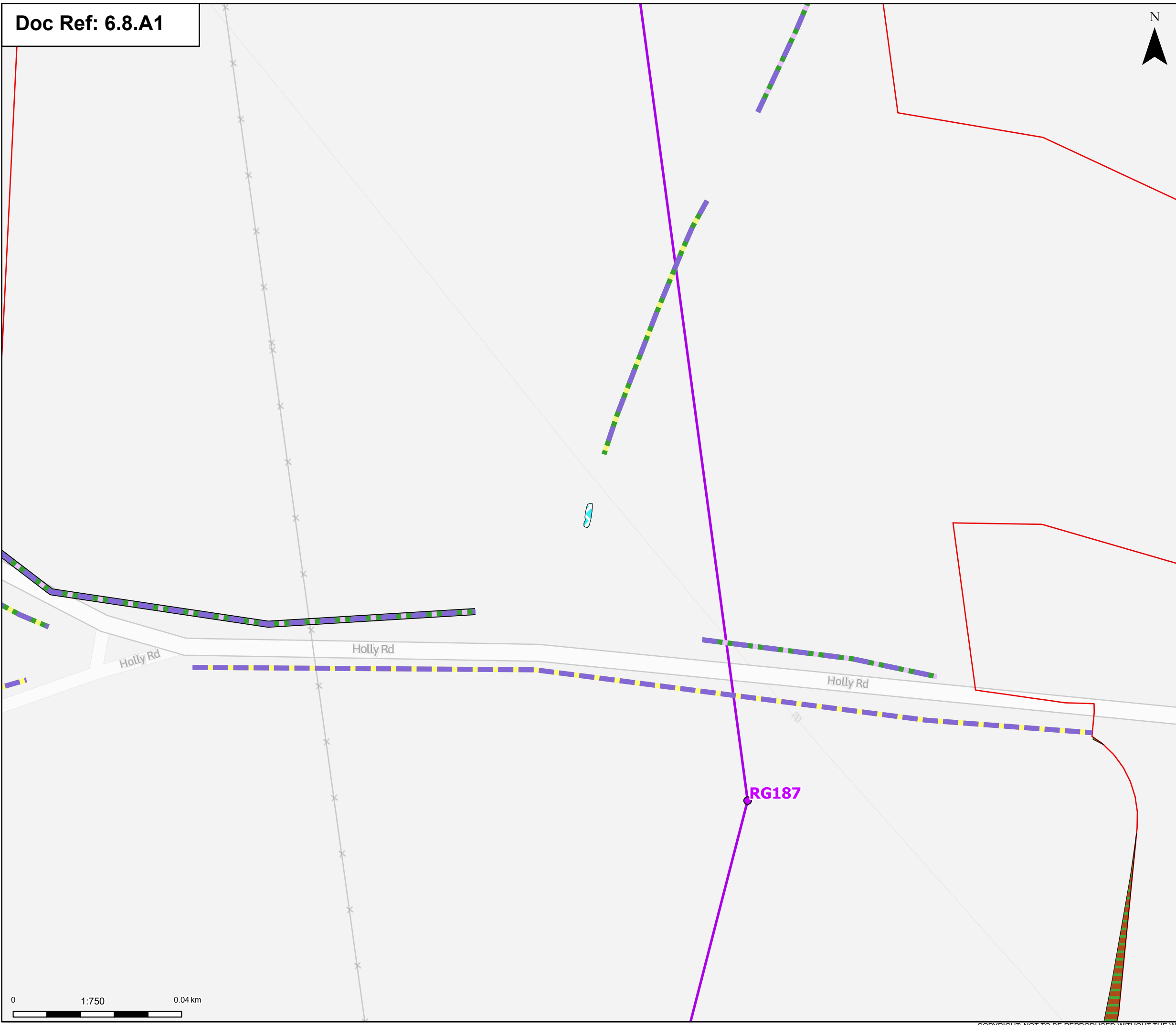
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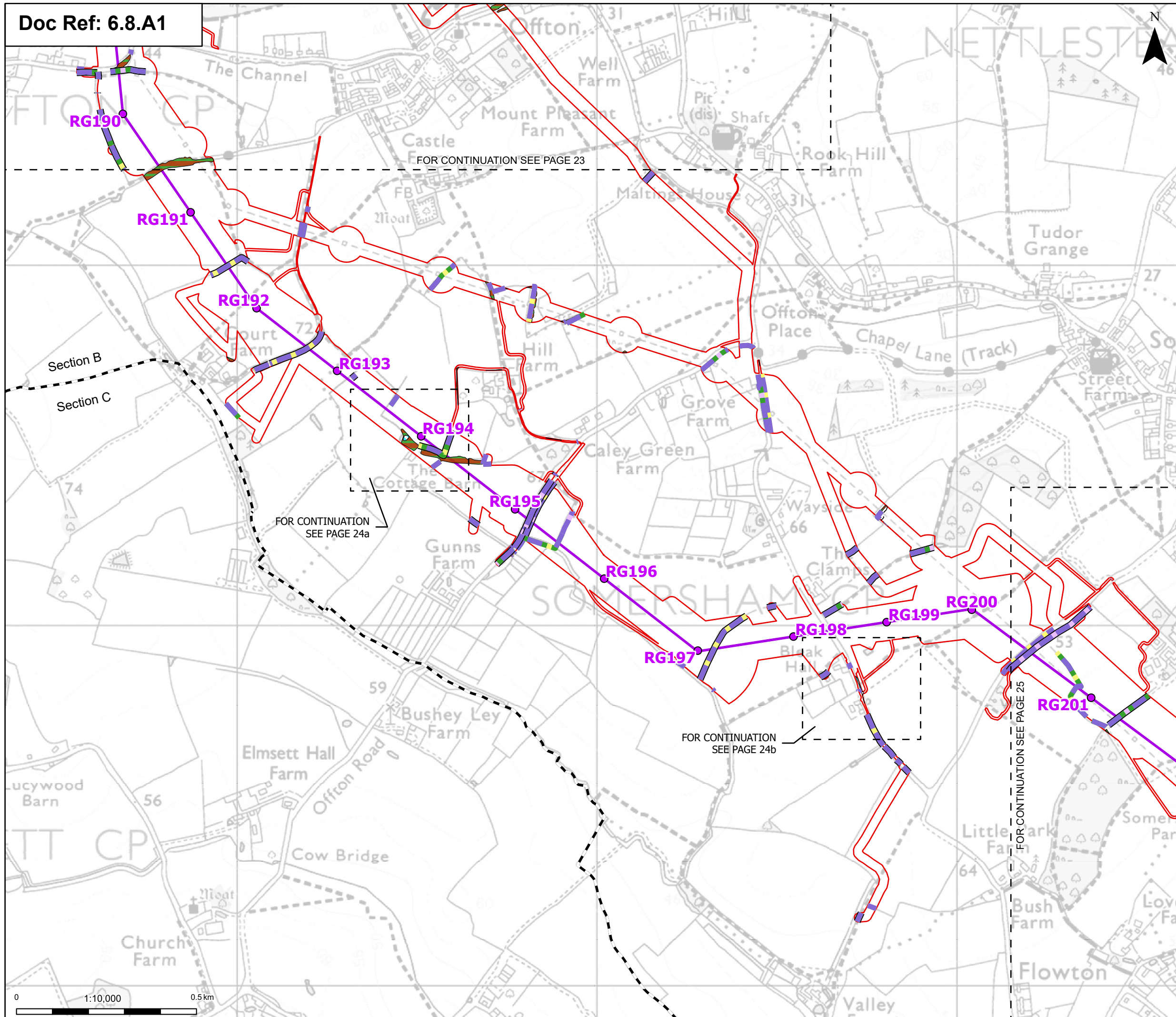
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 23a of 63

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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-00335
 Revision:
C





Order limits

- Sheet index outline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

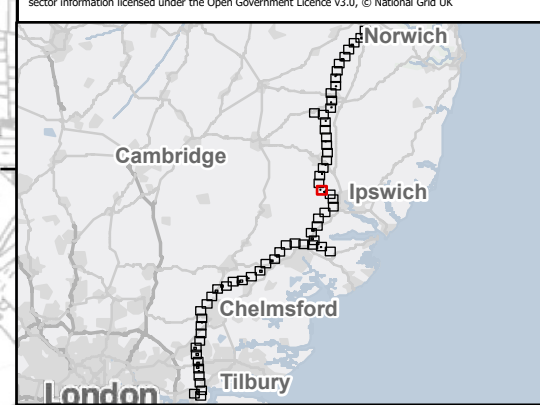
Discipline specific constraints

- Arable field margins cultivated annually
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch

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 A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) 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-00335	Revision:	C





Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

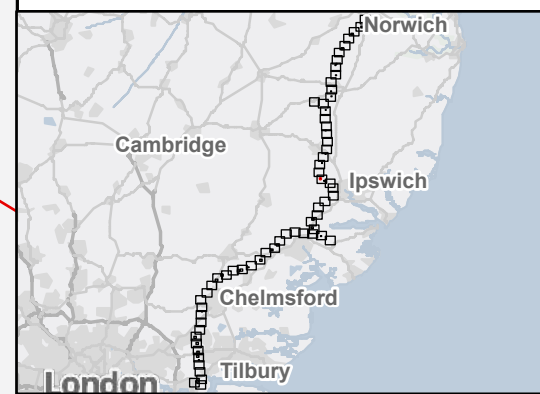
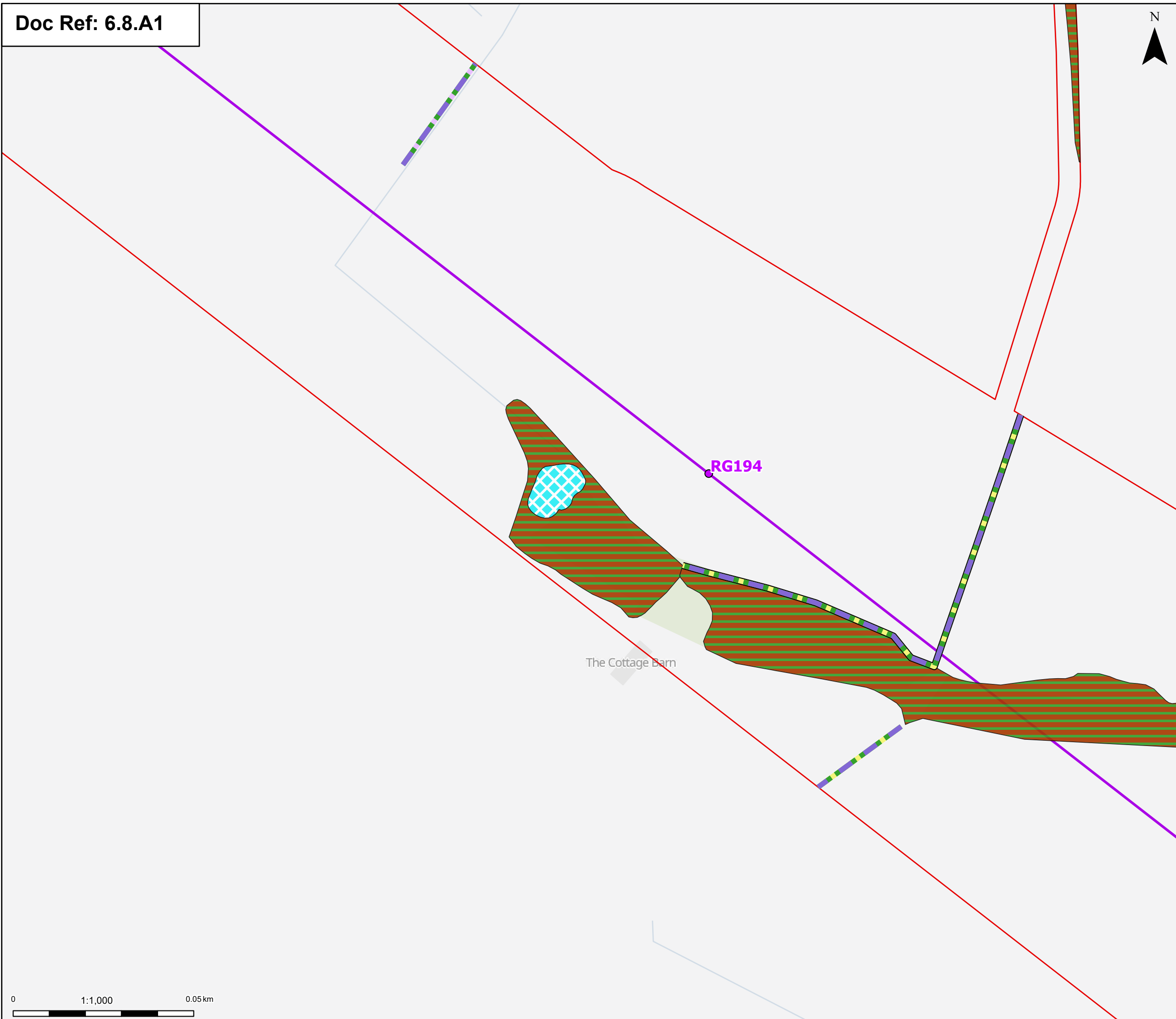
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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	KF	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Sections B and C
 Page 24a 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:	1:1,000	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-00335
 Revision: **C**

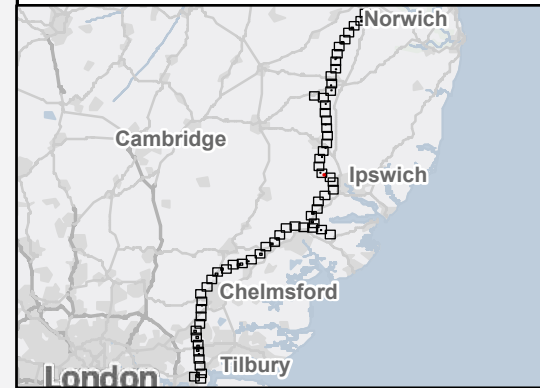




- Order limits
- Discipline specific constraints**
- Habitats of Principal Importance (HPI)**
- Native hedgerow - associated with bank or ditch
- Species-rich native hedgerow
- Ponds (priority habitat)

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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Sugar Loaf Cottage



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

PROJECT:
nationalgrid Norwich to Tilbury

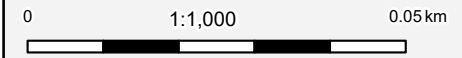
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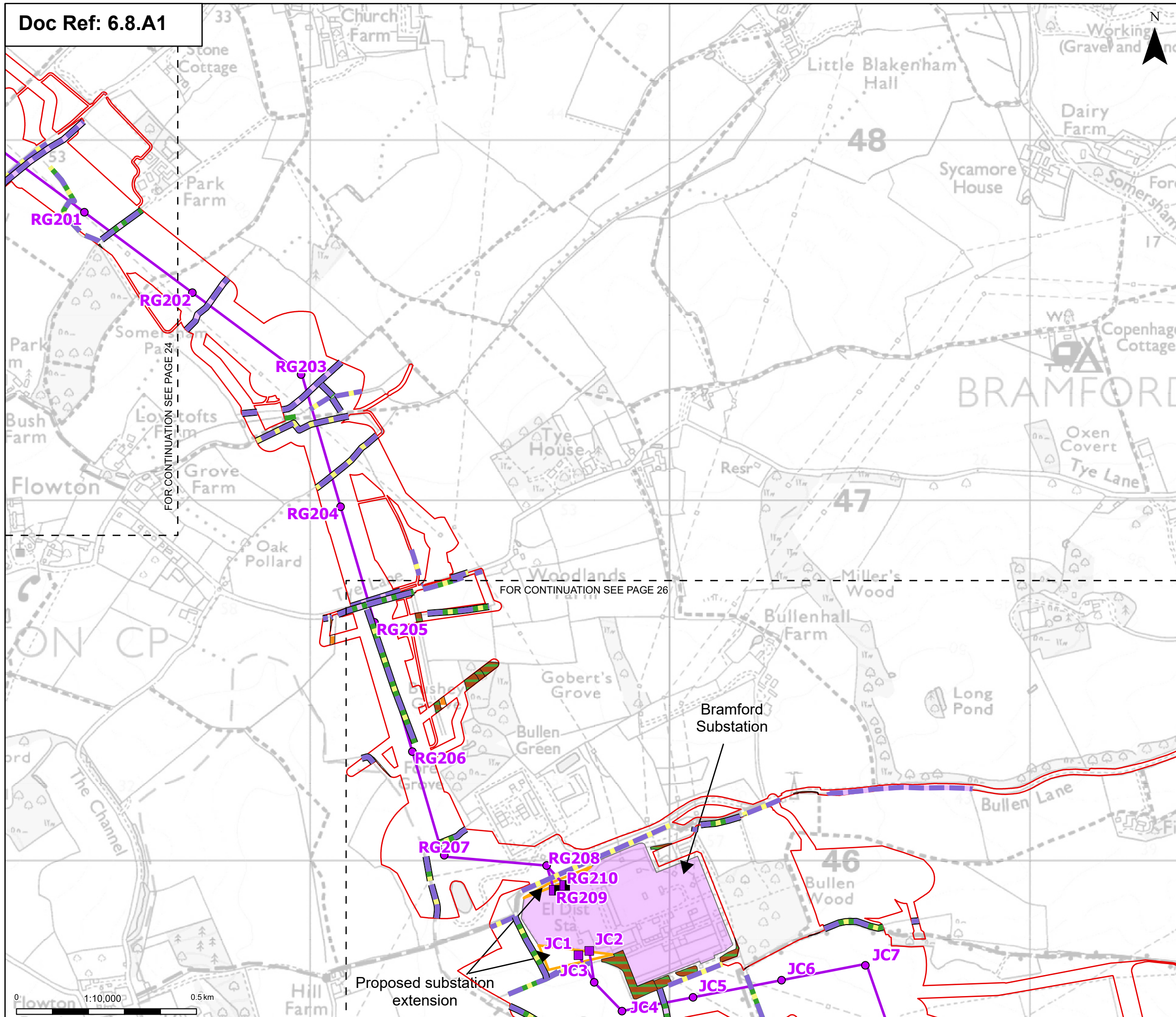
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Sections B and C
 Page 24b of 63

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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	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-00335	Revision: C
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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

Discipline specific constraints

Habitats of Principal Importance (HPI)

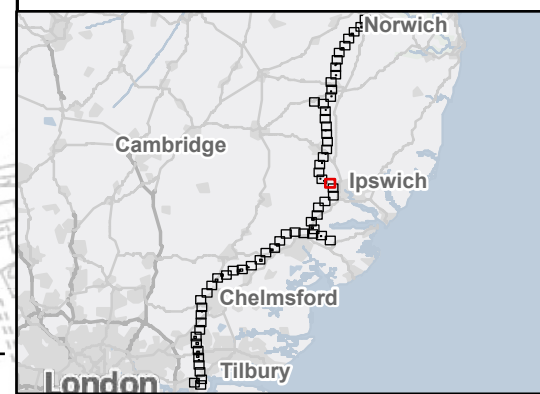
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees

Native hedgerow with trees - associated with bank or ditch

- Ecologically valuable line of trees
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees - associated with bank or ditch
- Arable field margins cultivated annually
- Lowland mixed deciduous woodland

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	KF	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section B
 Page 25 of 63

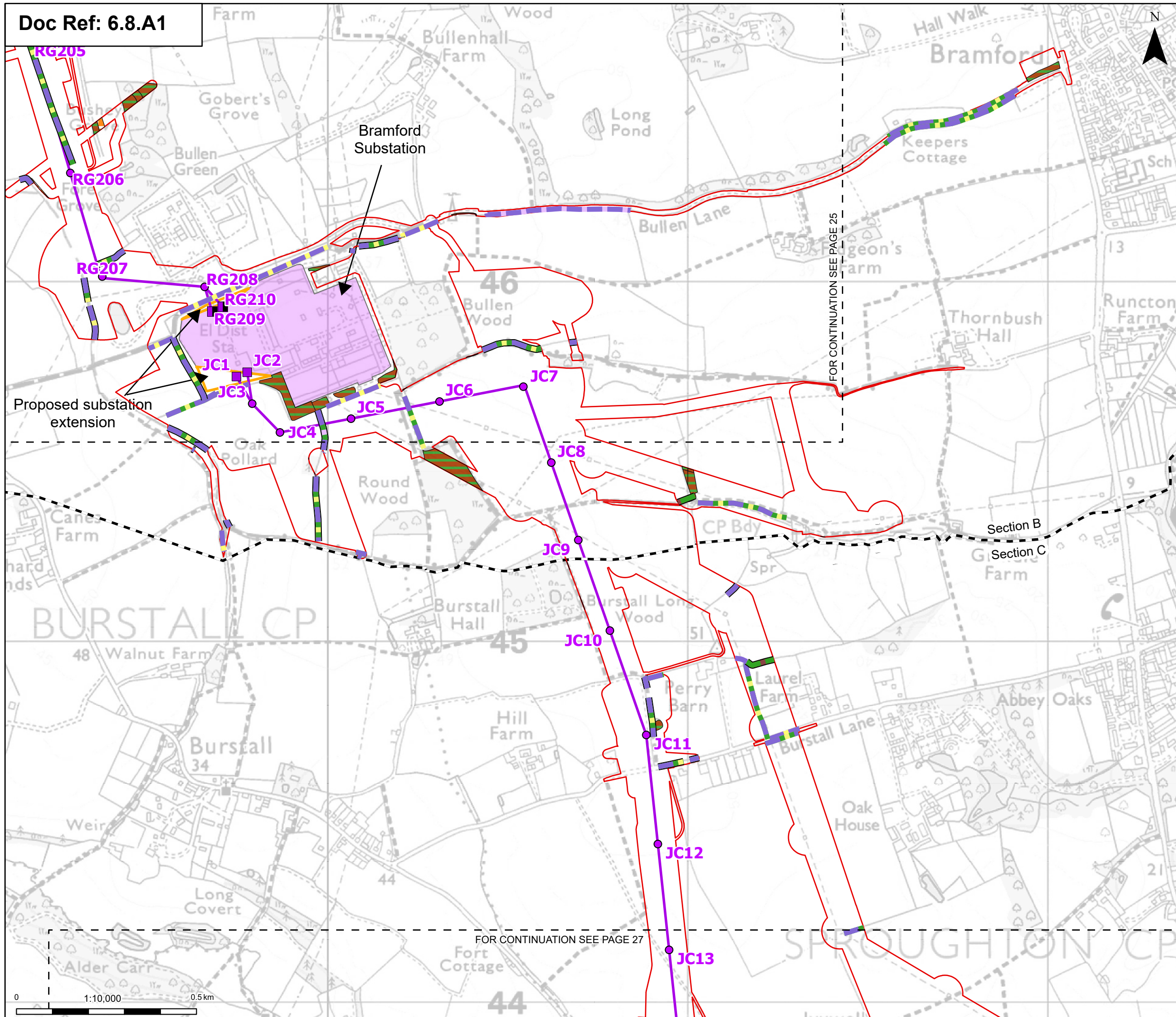
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
C





Order limits

- Order limits
- Sheet index outline
- Project section line

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Habitats of Principal Importance (HPI)

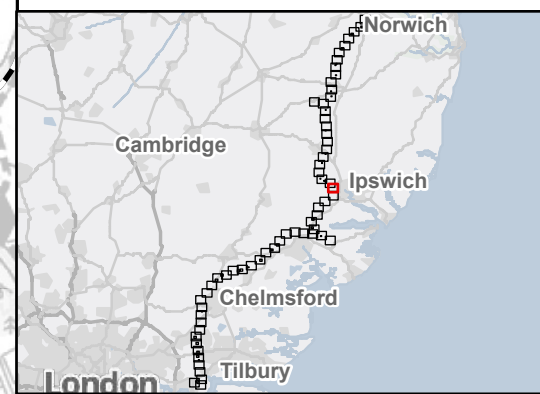
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Ecologically valuable line of trees - associated with bank or ditch

- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Species-rich native hedgerow with trees - associated with bank or ditch
- Arable field margins cultivated annually
- Lowland mixed deciduous woodland

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
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PROJECT:
nationalgrid Norwich to Tilbury

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

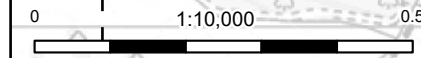
Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Sections B and C
 Page 26 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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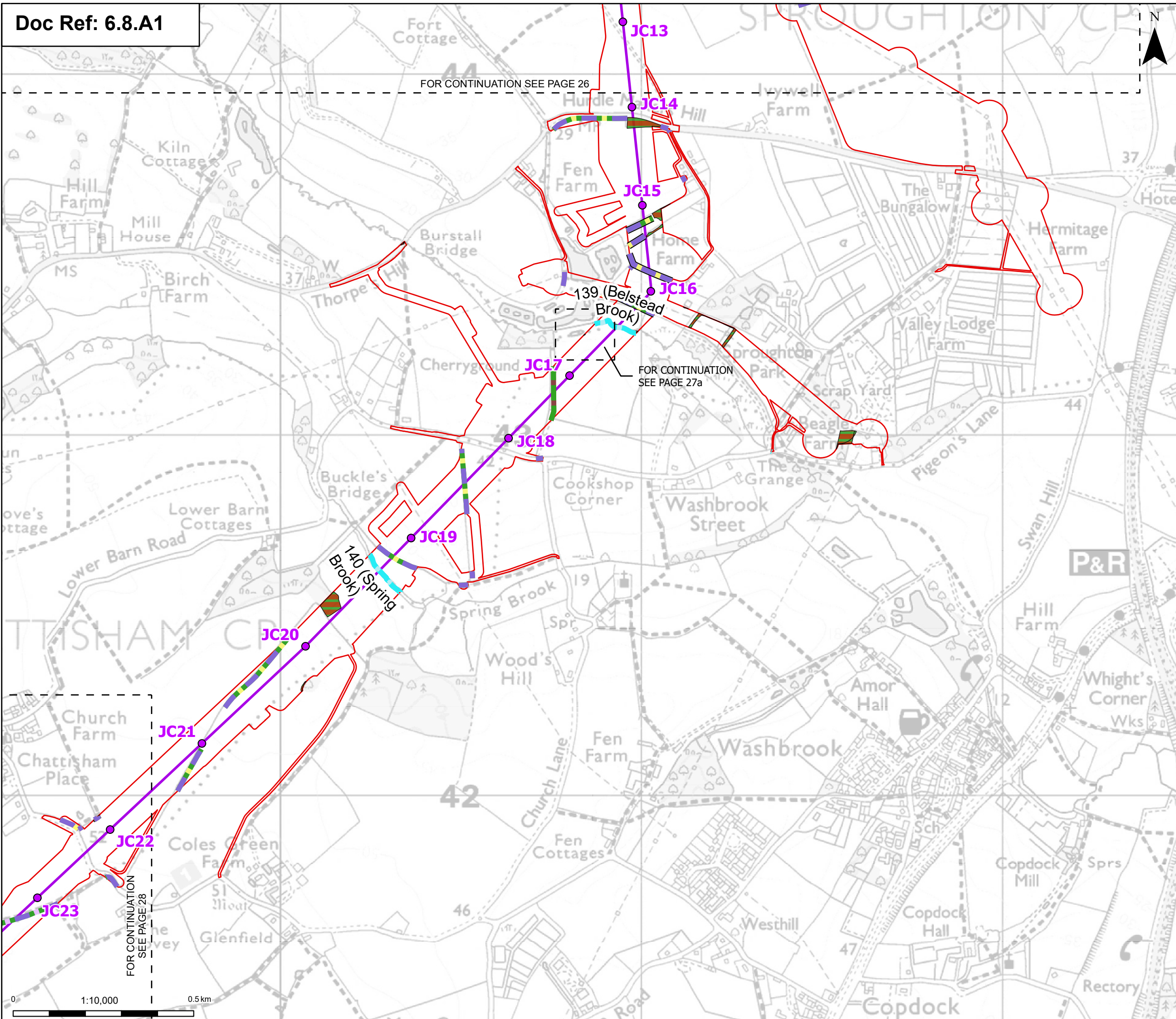
Revision:
C



FOR CONTINUATION SEE PAGE 26

FOR CONTINUATION SEE PAGE 27a

FOR CONTINUATION SEE PAGE 28



Order limits

- Order limits
- Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

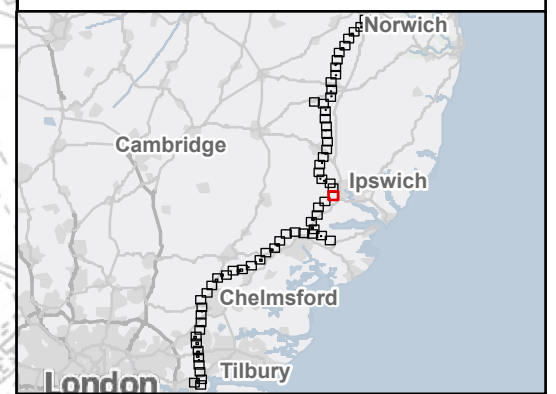
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

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)

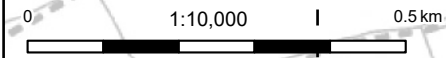
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 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section C
 Page 27 of 63

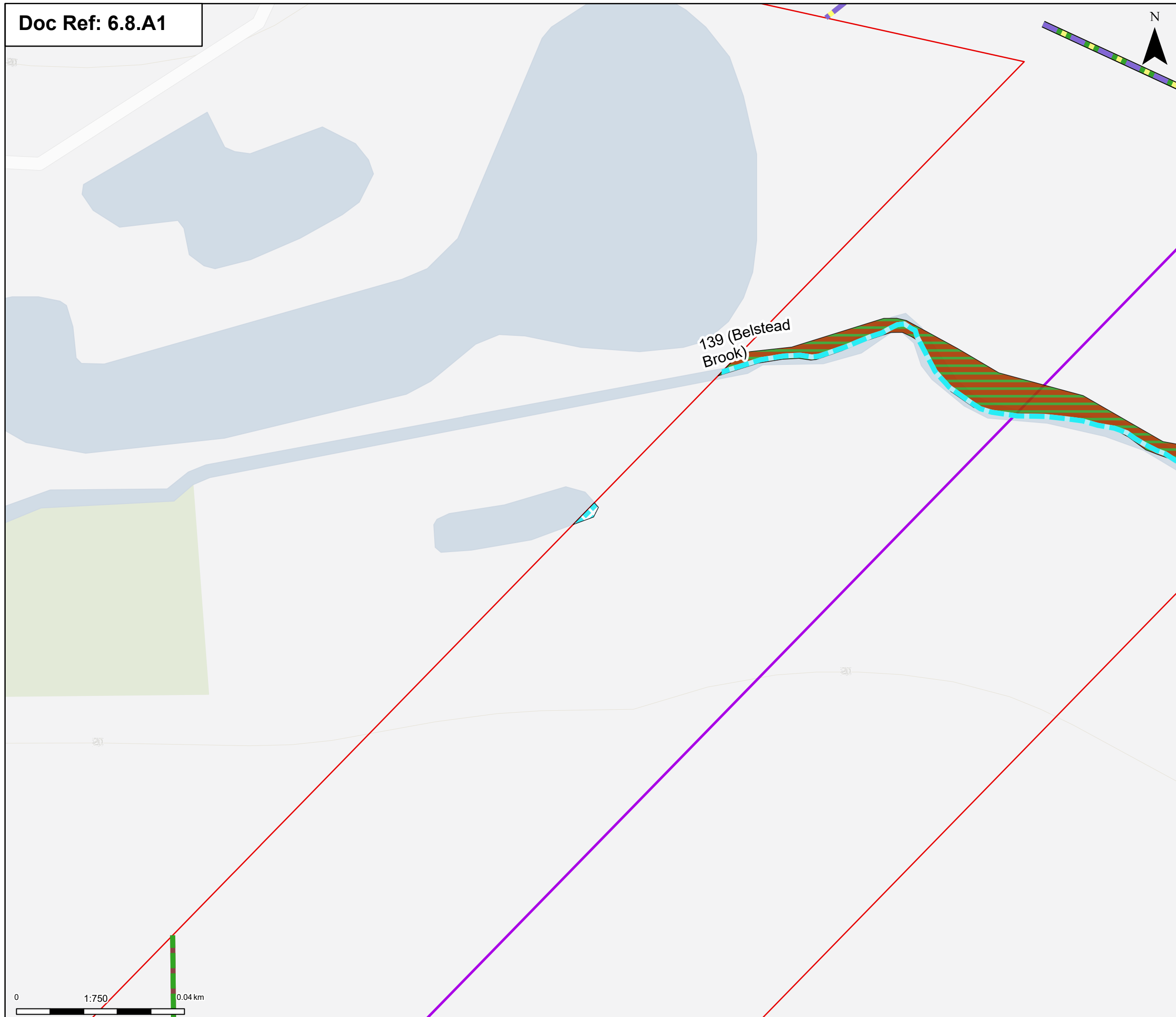
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
C





Order limits

Proposed project design details

Proposed overhead line alignment

Discipline specific constraints

Habitats of Principal Importance (HPI)

Priority habitat

Native hedgerow

Native hedgerow with trees - associated with bank or ditch

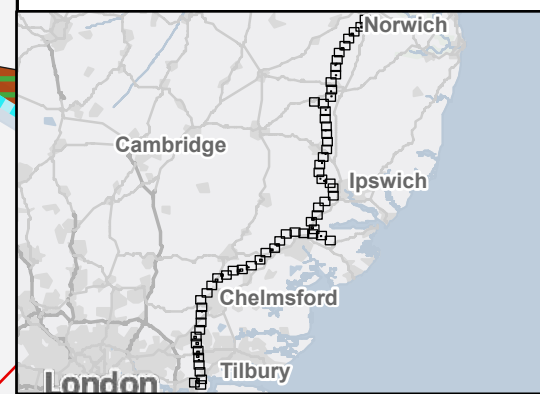
Ecologically valuable line of trees

Lowland mixed deciduous woodland

Ponds (priority habitat)

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 A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section C
 Page 27a of 63

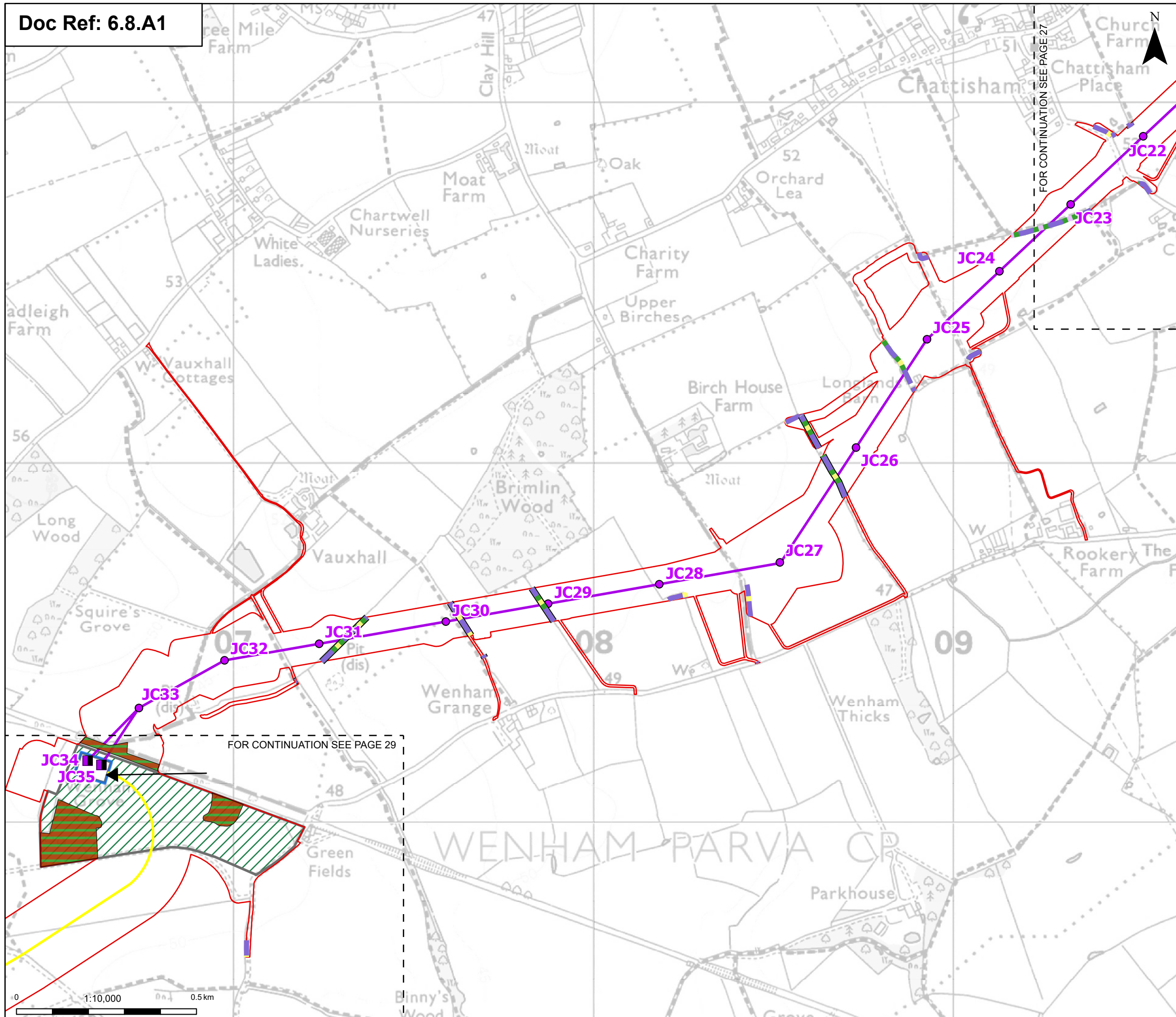
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Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
C





Proposed project design details

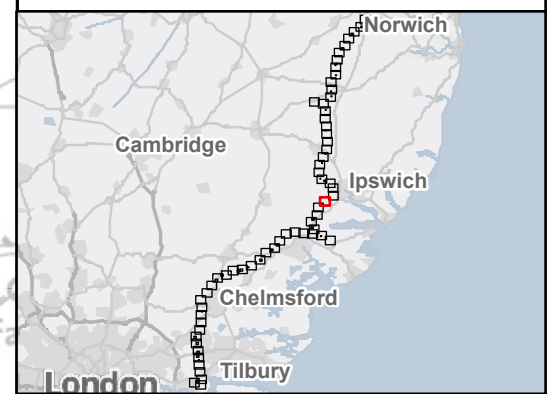
- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area

Discipline specific constraints

- Habitats of Principal Importance (HPI)
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Lowland mixed deciduous woodland
- Ponds (priority habitat)

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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nationalgrid Norwich to Tilbury

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

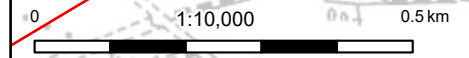
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 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 Section C
 Page 28 of 63

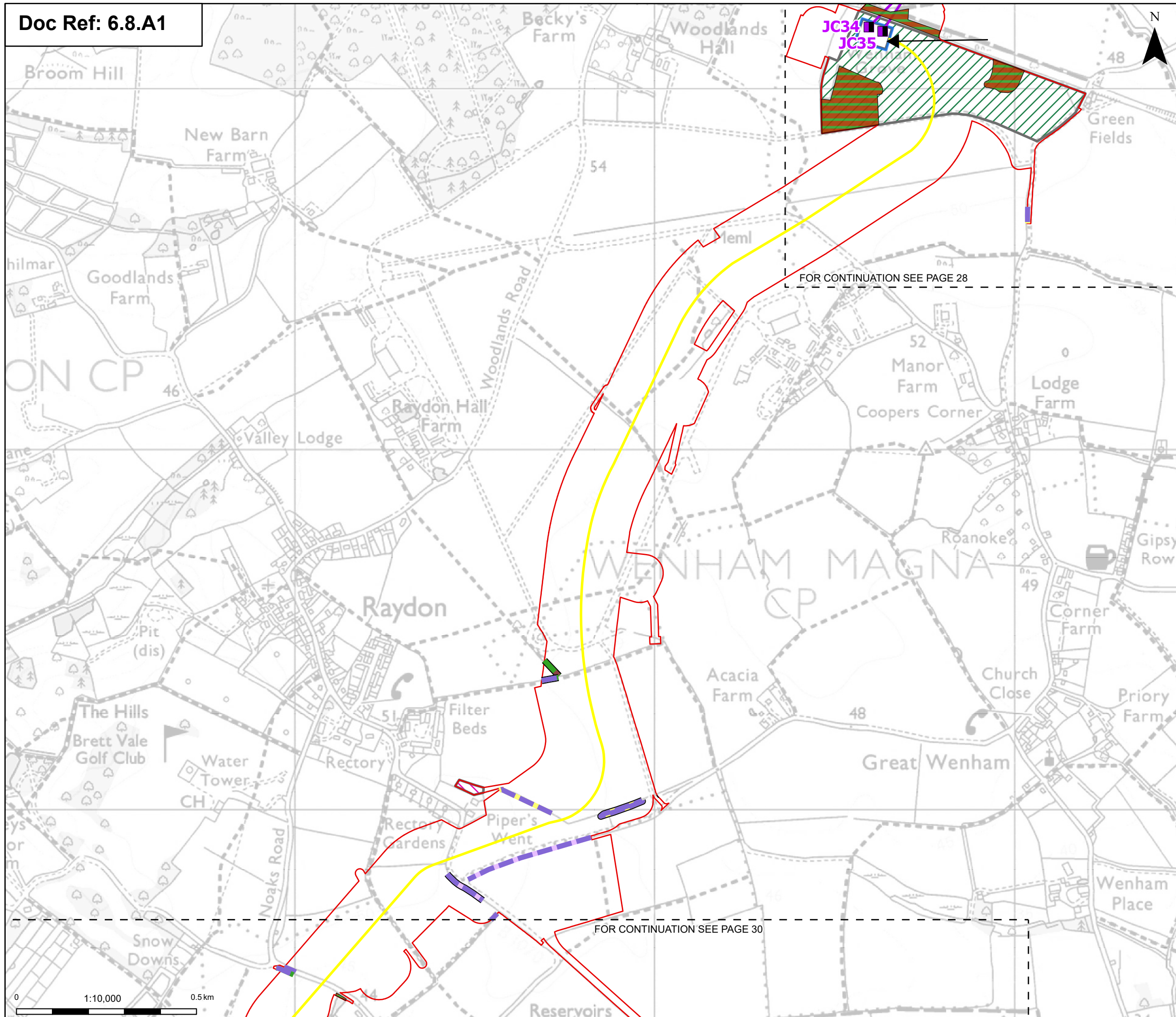
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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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

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Native hedgerow
- Native hedgerow - associated with bank or ditch

Native hedgerow with trees

Ecologically valuable line of trees - associated with bank or ditch

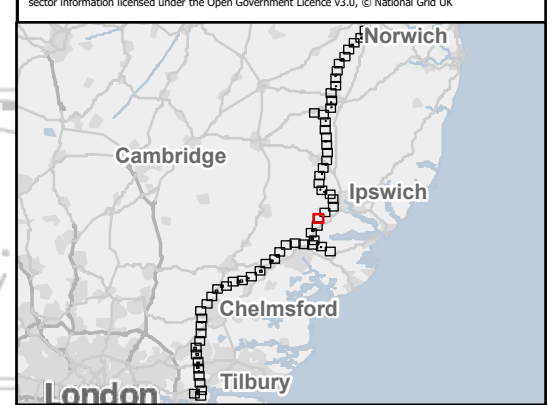
Species-rich native hedgerow

Species-rich native hedgerow - associated with bank or ditch

Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland

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

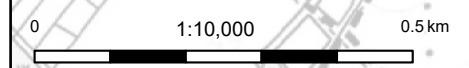
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section C
 Page 29 of 63

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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-00335

Revision:
C



FOR CONTINUATION SEE PAGE 29

145 (Trib of Brett)

FOR CONTINUATION SEE PAGE 31

FOR CONTINUATION SEE PAGE 31a

Order limits

Sheet index outline

Proposed project design details

- Proposed underground cable alignment

Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Ecologically valuable line of trees

Species-rich native hedgerow with trees

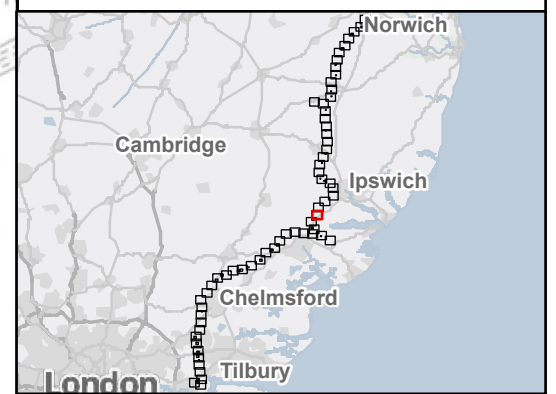
Species-rich native hedgerow with trees - associated with bank or ditch

Lowland mixed deciduous woodland

Ponds (priority habitat)

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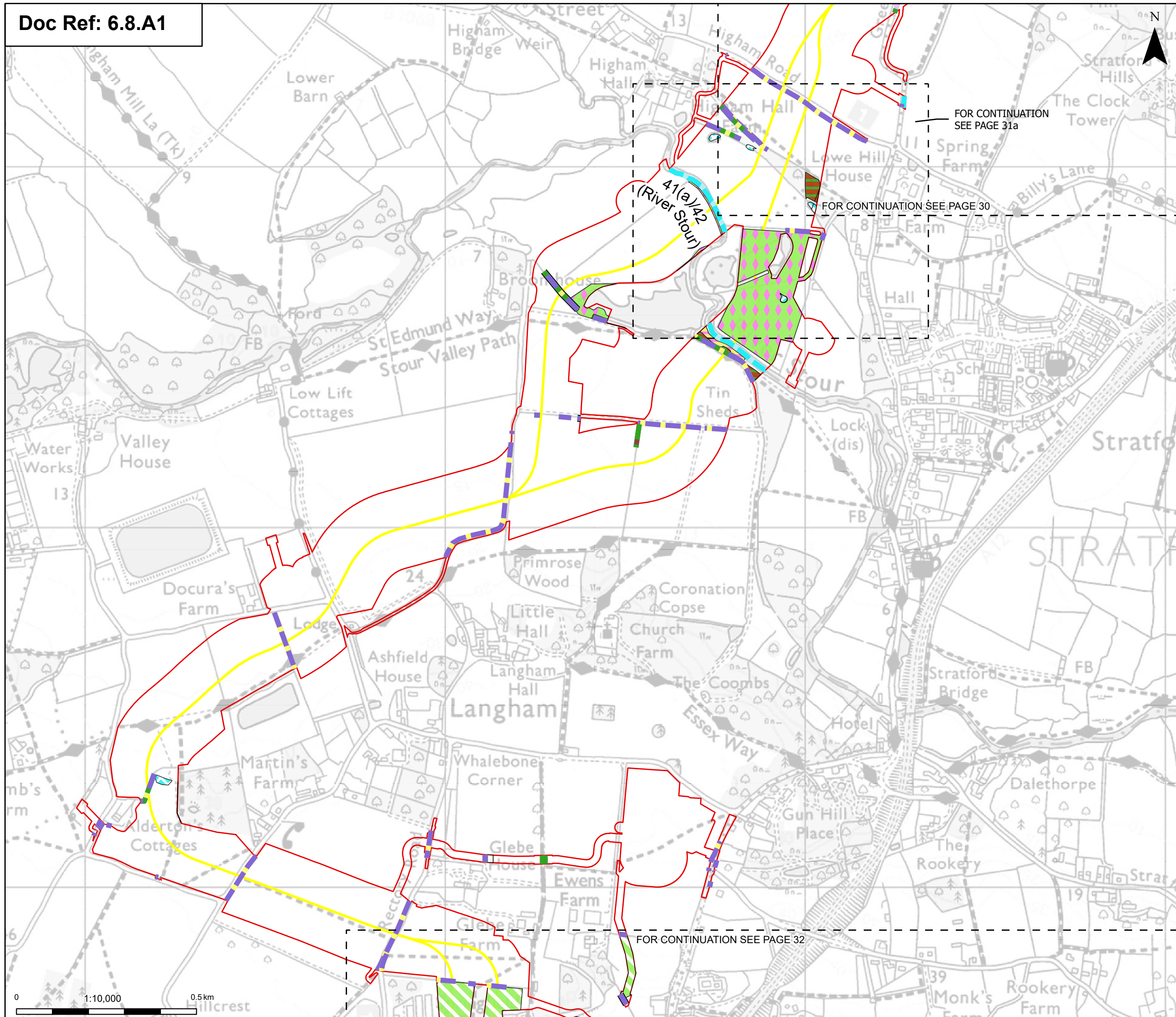
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI)
 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-00335
 Revision: C



Order limits
 Sheet index outline

Proposed project design details
 Proposed underground cable alignment

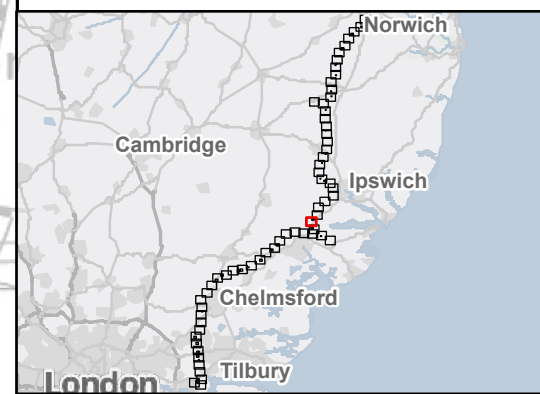
Discipline specific constraints

Habitats of Principal Importance (HPI)
 Priority habitat
 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees
 Native hedgerow with trees - associated with bank or ditch
 Ecologically valuable line of trees
 Species-rich native hedgerow with trees

Arable field margins game bird mix
 Floodplain wetland mosaic and coastal floodplain grazing marsh
 Lowland dry acid grassland
 Lowland mixed deciduous woodland
 Ponds (priority habitat)
 Reedbeds

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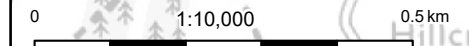
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 Regulation 5(2)(a)&(I)(ii)

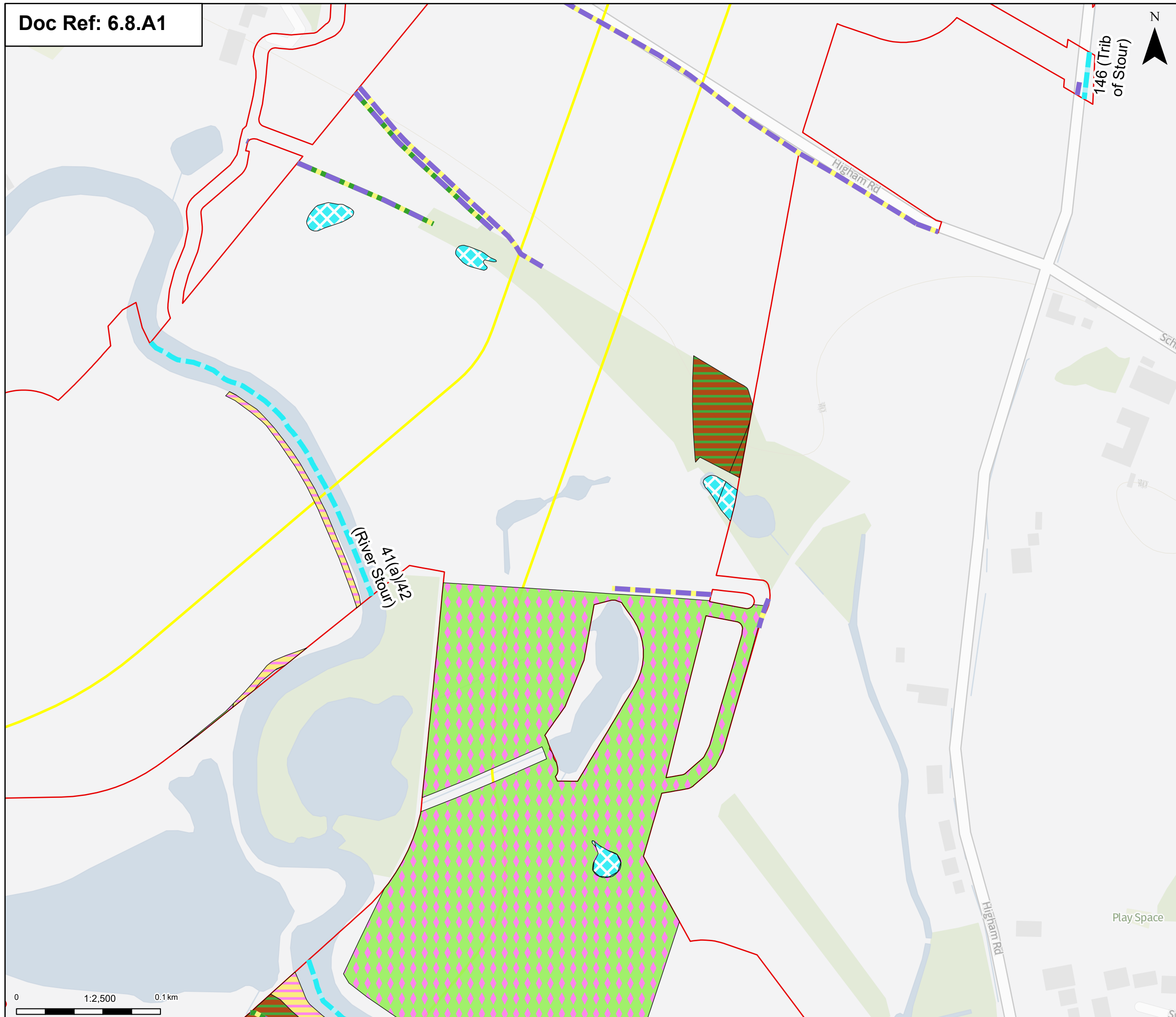
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Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section C
 Page 31 of 63

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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: 10059280-ARC-EBD-ZZ-DR-ZZ-00335	Revision: C
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Order limits

Proposed project design details

Proposed underground cable alignment

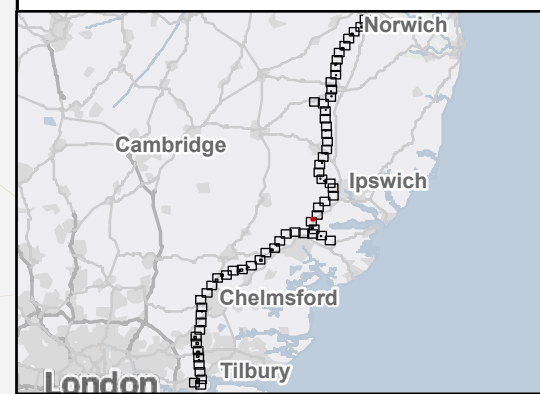
Discipline specific constraints

Habitats of Principal Importance (HPI)

- Priority habitat
- Native hedgerow
- Native hedgerow with trees
- Floodplain wetland mosaic and coastal floodplain grazing marsh
- Lowland mixed deciduous woodland
- Ponds (priority habitat)
- Reedbeds

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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Title:
Figure A8.1.2 - Ecology and Biodiversity - Habitats of Principal Importance (HPI) Section C
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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:	1:2,500	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00335

Revision:
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