

AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Figure A8.1.7: Linear Habitat Survey Results

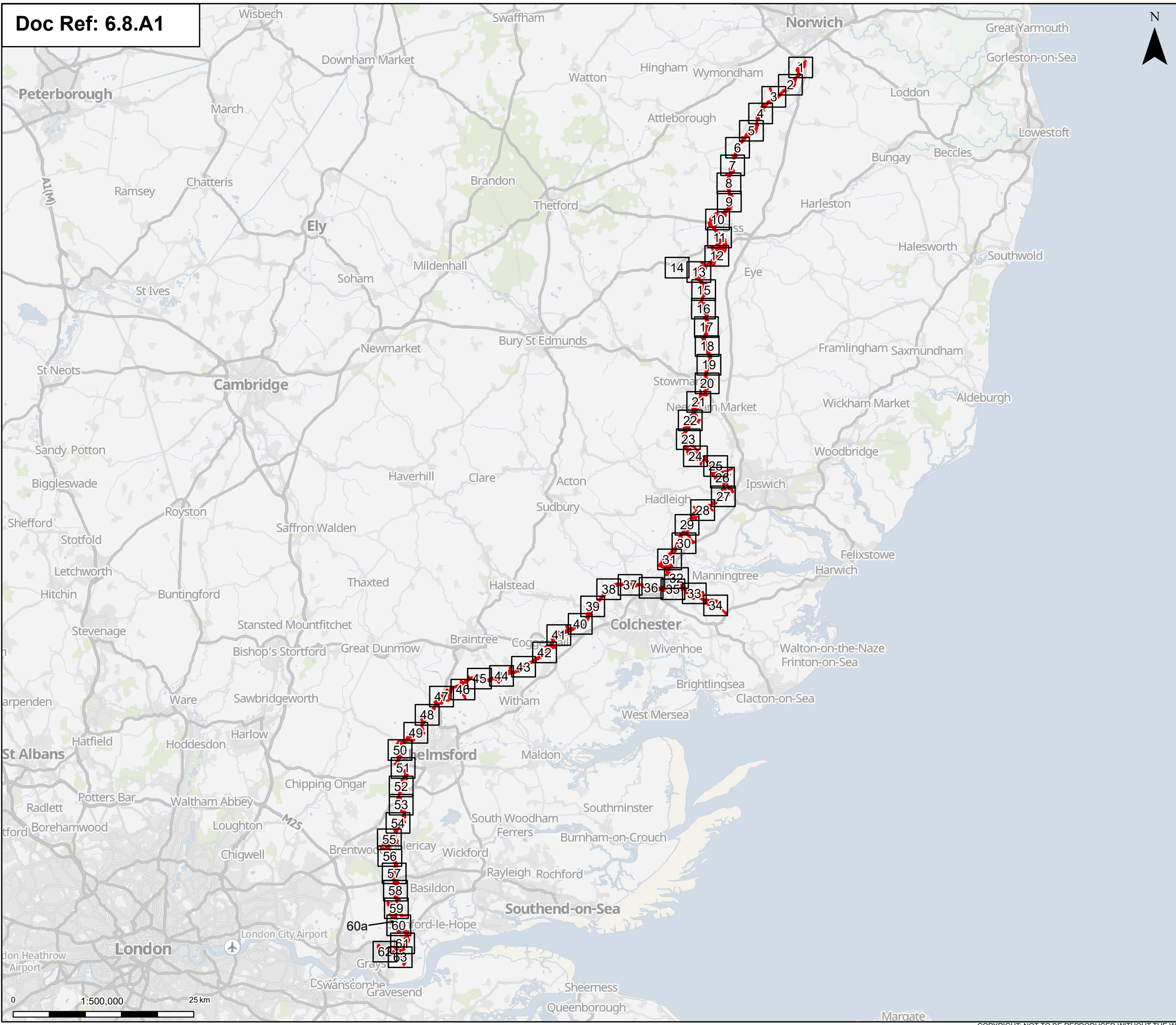
Final Issue C

May 2026

Planning Inspectorate Reference: EN020027

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

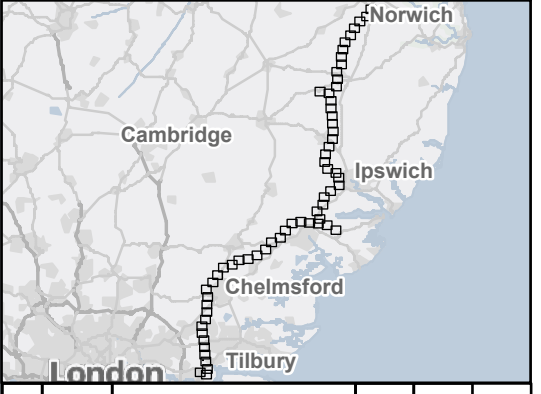
nationalgrid



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

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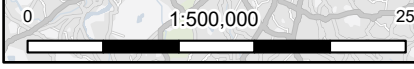
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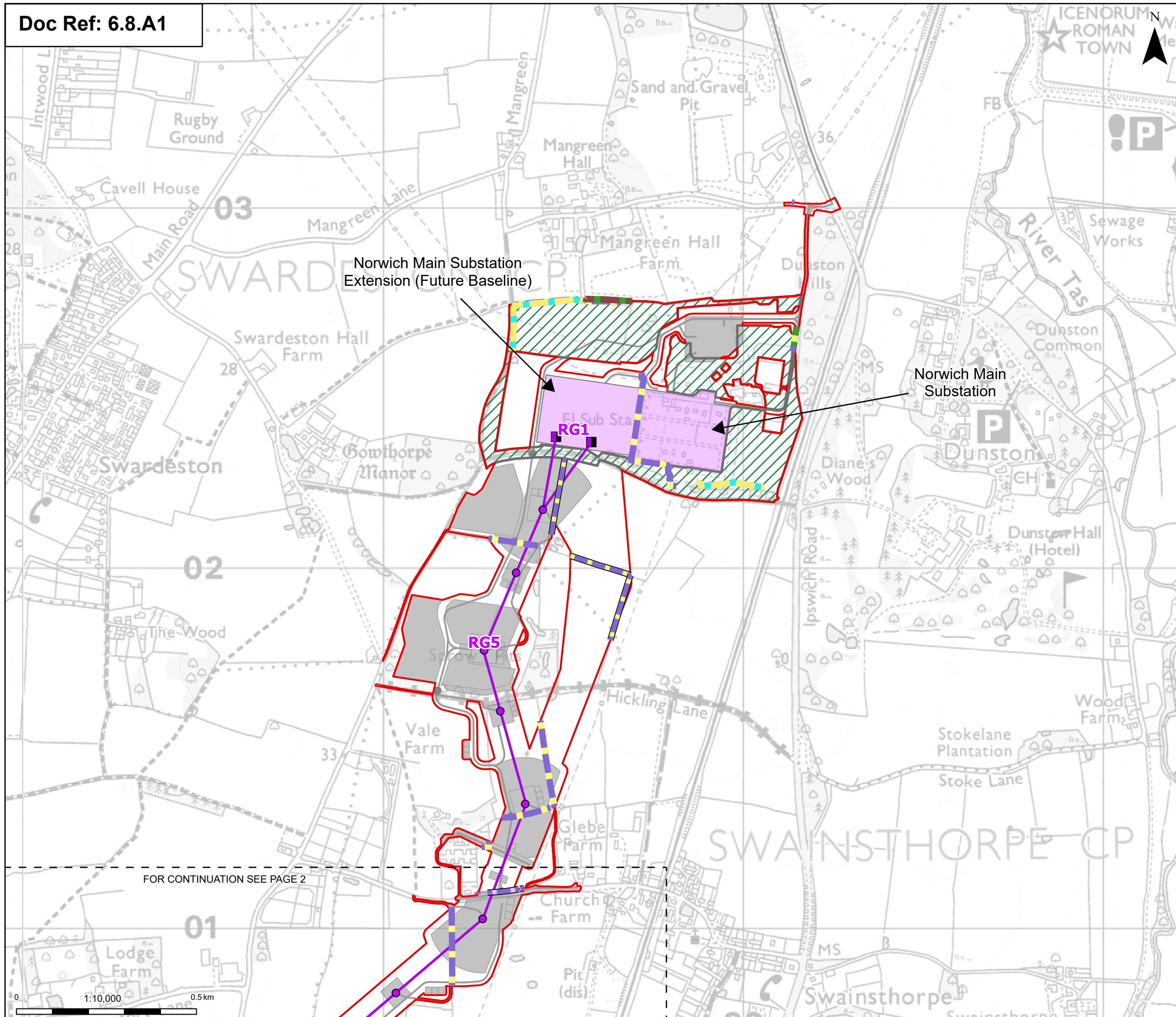
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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Order limits
 Sheet index outline

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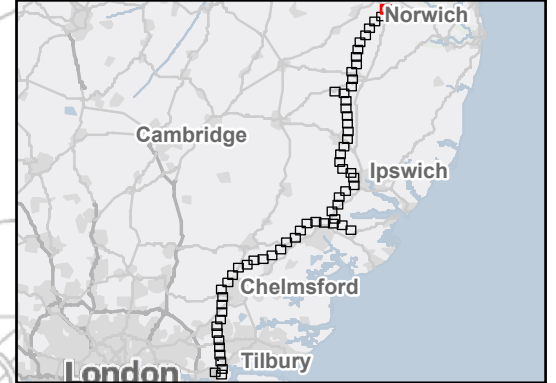
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Norwich Main Substation
- Norwich Main Substation Extension (future baseline)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees
- 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 A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section A
 Page 1 of 63

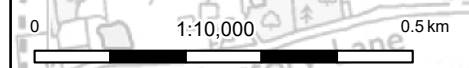
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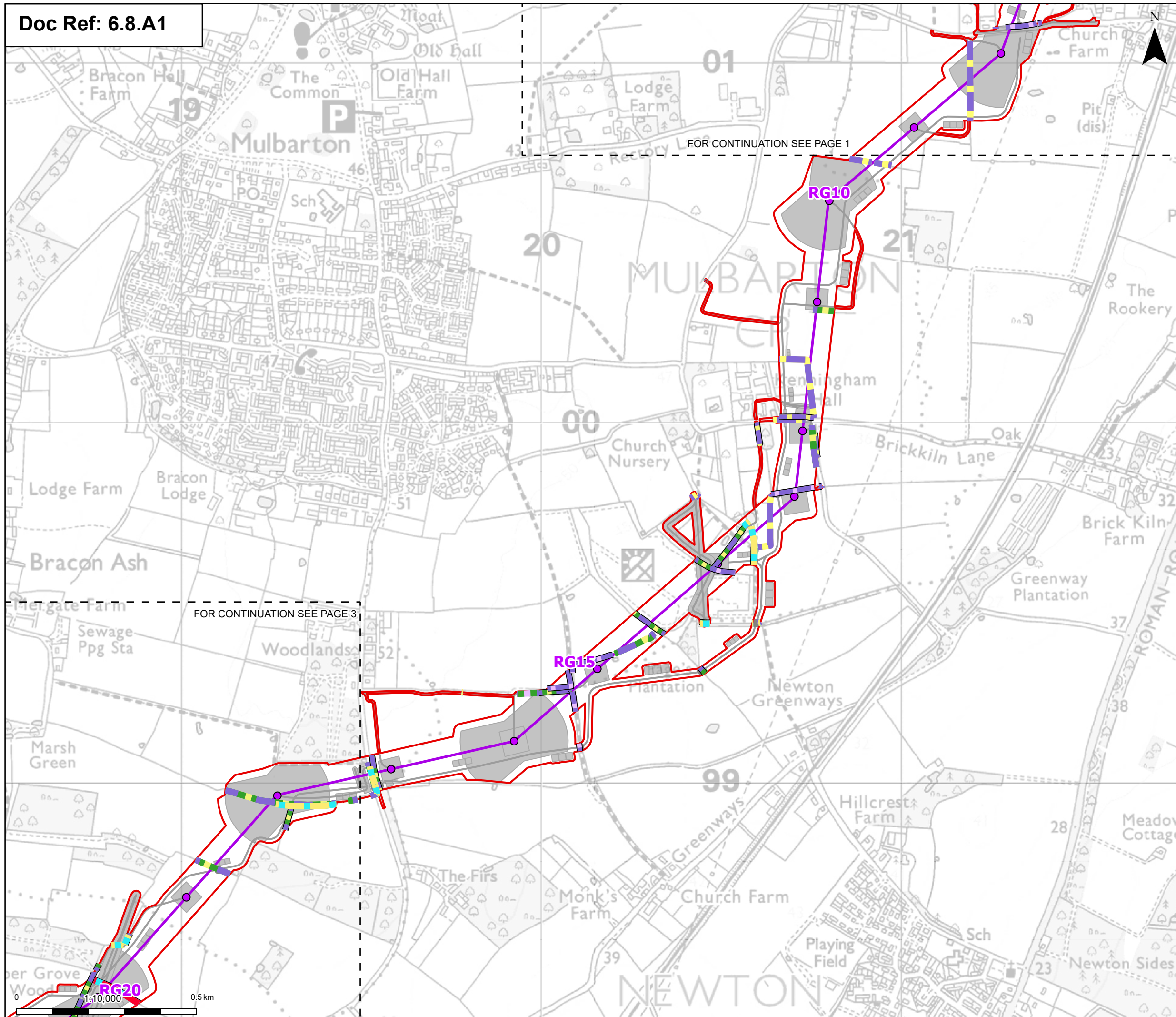
Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
 C

FOR CONTINUATION SEE PAGE 2





Order limits
 Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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

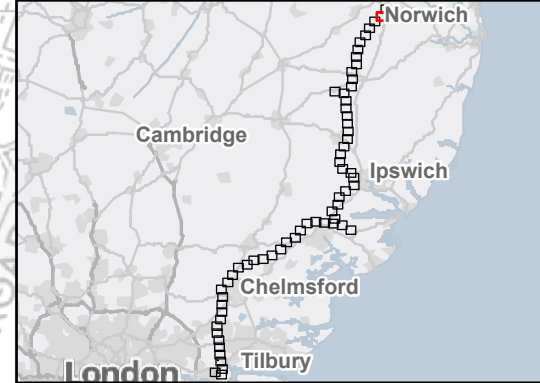
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees

Culvert

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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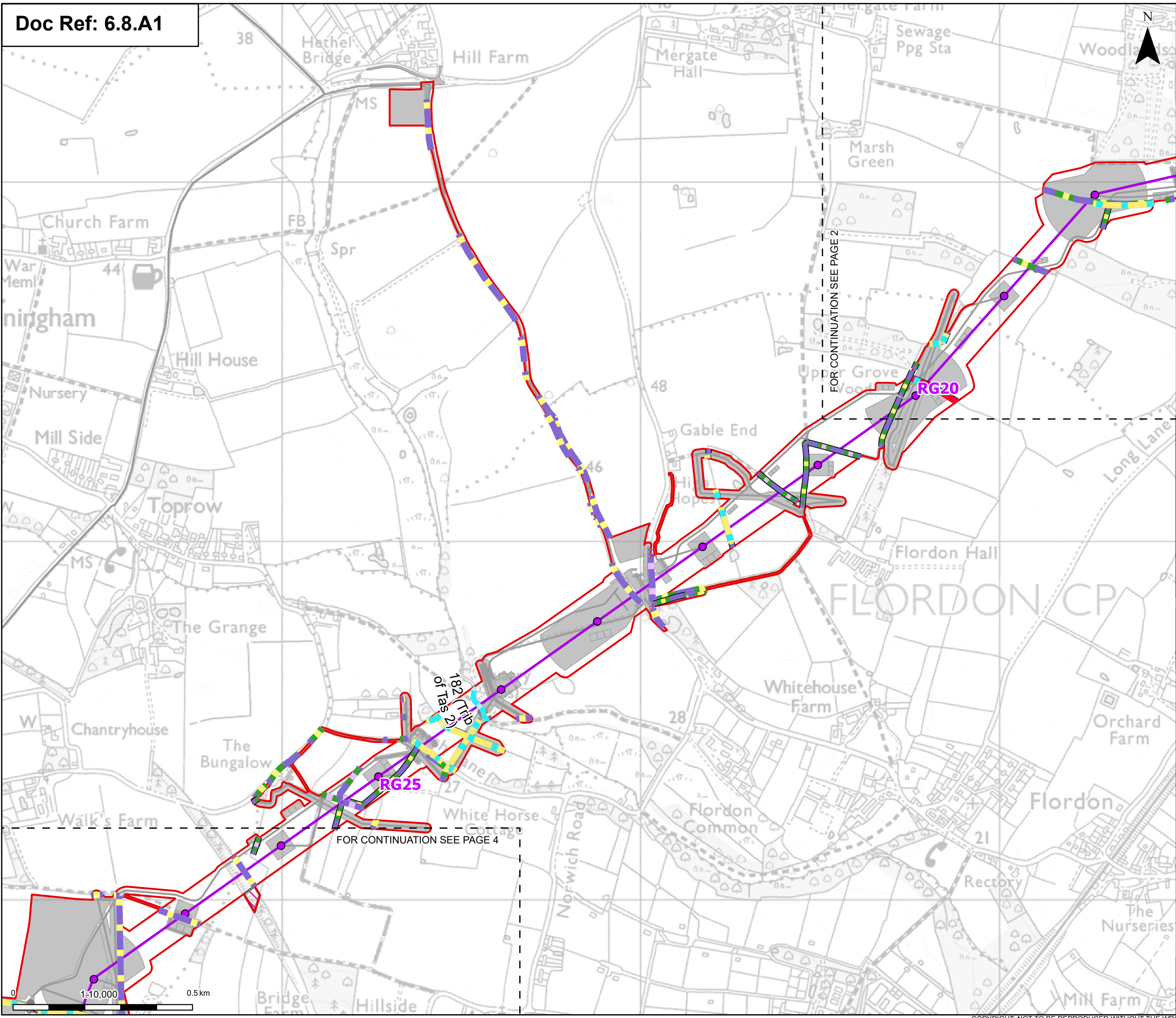
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section A
 Page 2 of 63

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Scale:	1:10,000	Datum:	AOD
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Revision:
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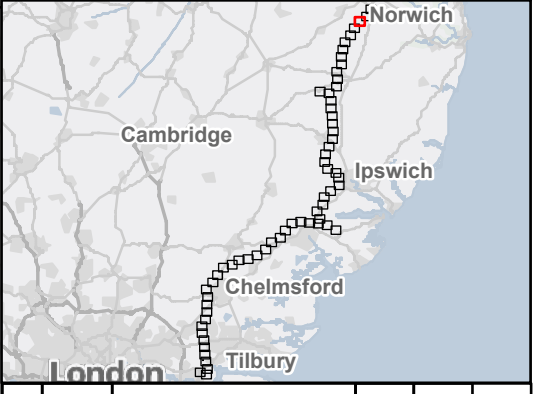
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- Line of trees - associated with bank or ditch
- Culvert
- Ditch
- 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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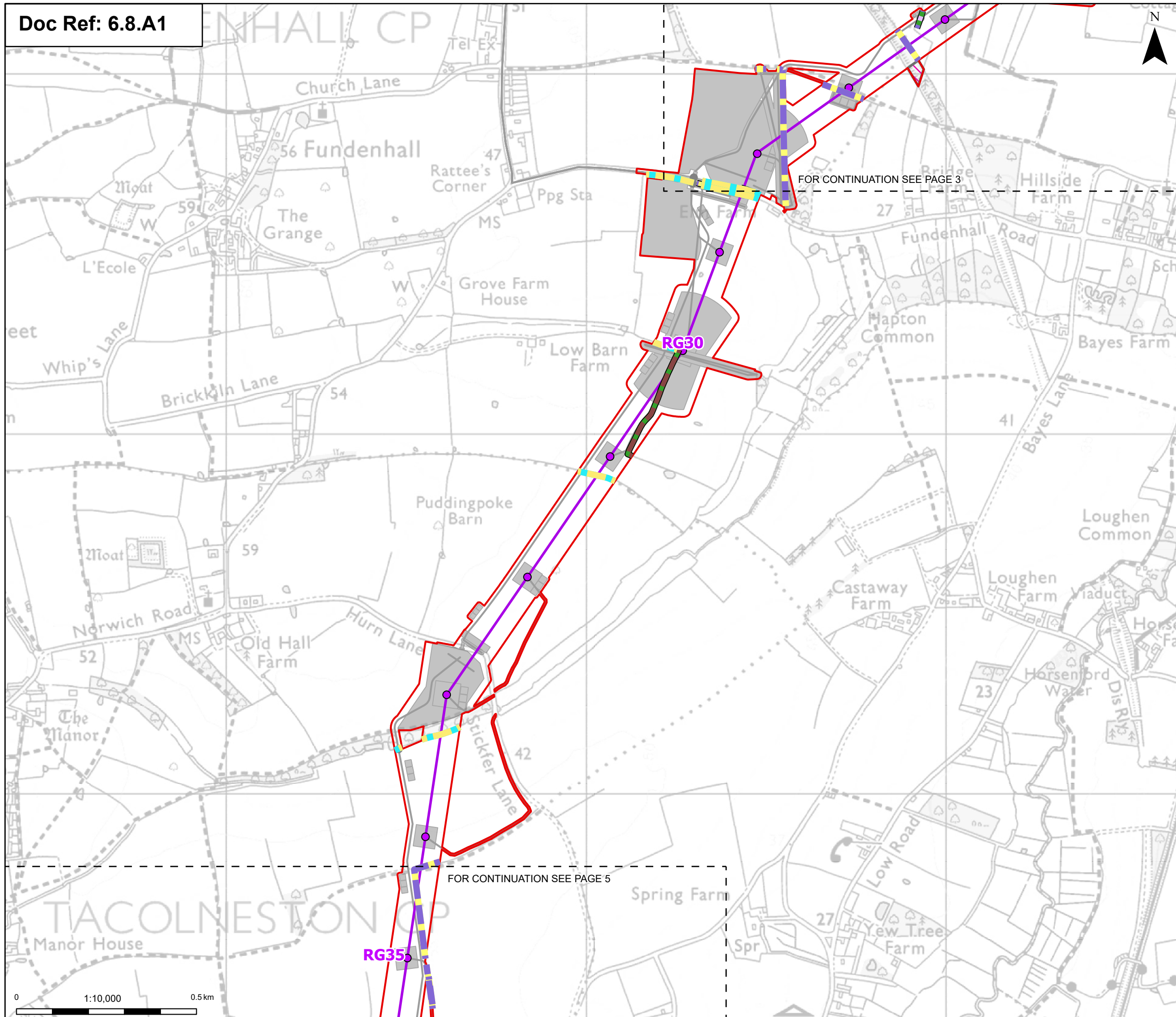
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 Page 3 of 63

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Revision:
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Proposed project design details

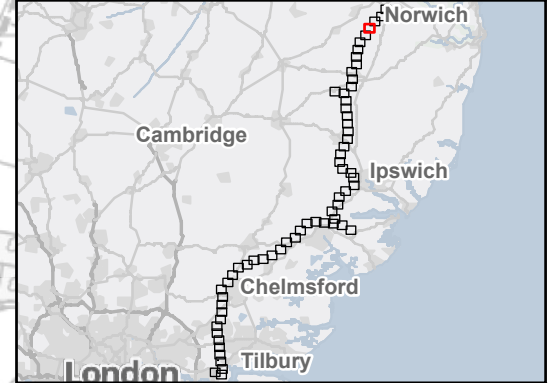
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- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees - associated with bank or ditch
- Line of trees - associated with bank or ditch
- 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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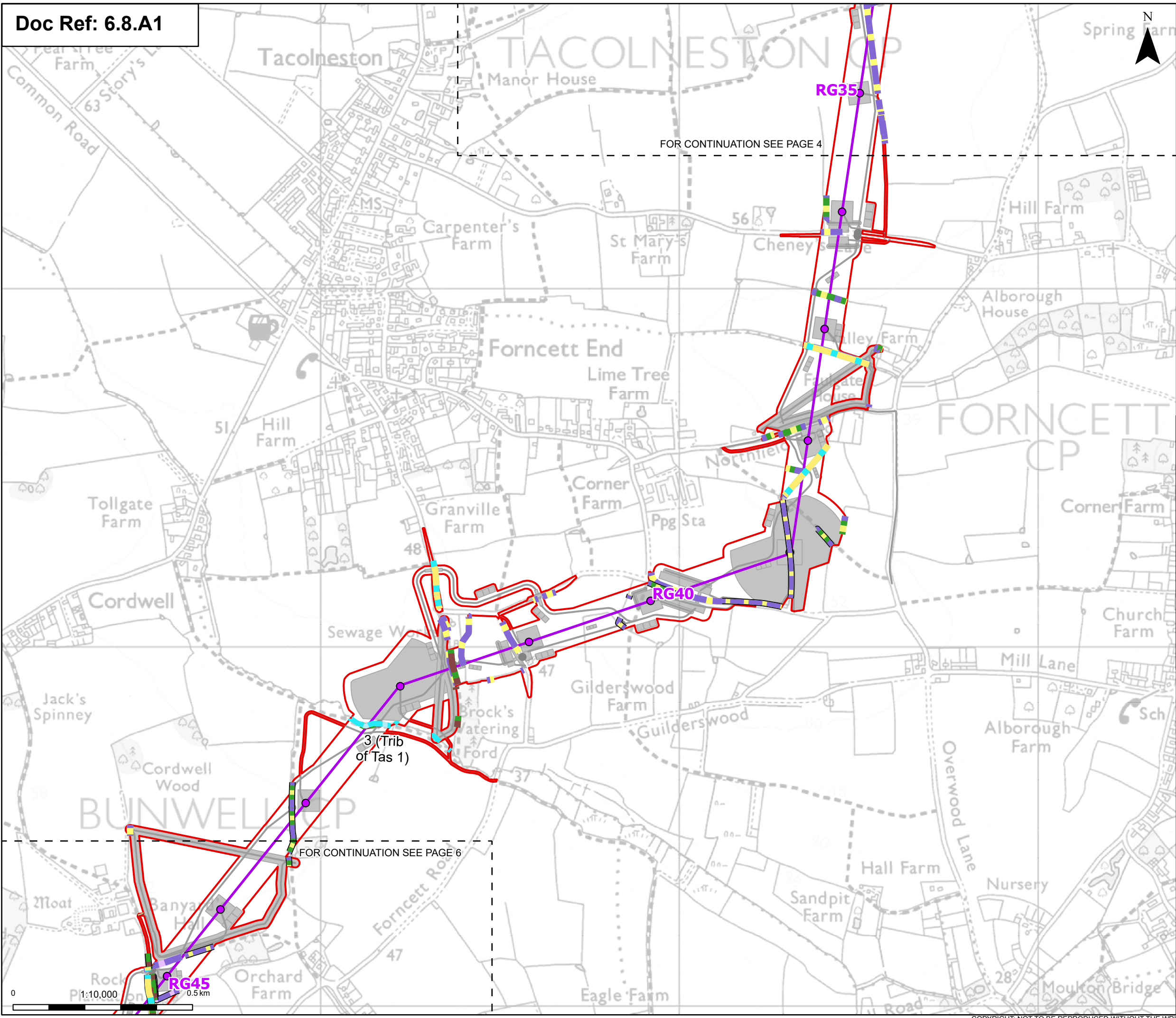
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 Page 4 of 63

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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:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
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Order limits
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Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

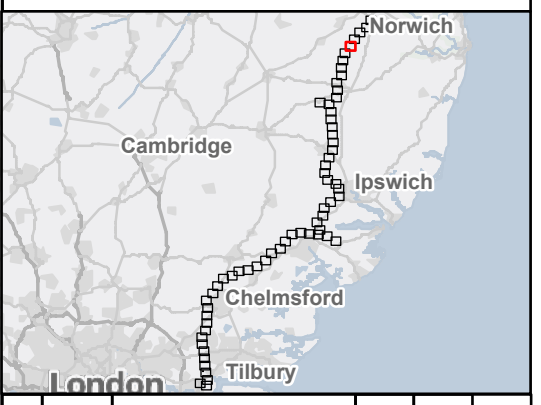
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 Native hedgerow with trees
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 Species-rich native hedgerow

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

Ecologically valuable line of trees
 Ecologically valuable line of trees - associated with bank or ditch
 Line of trees
 Ditch
 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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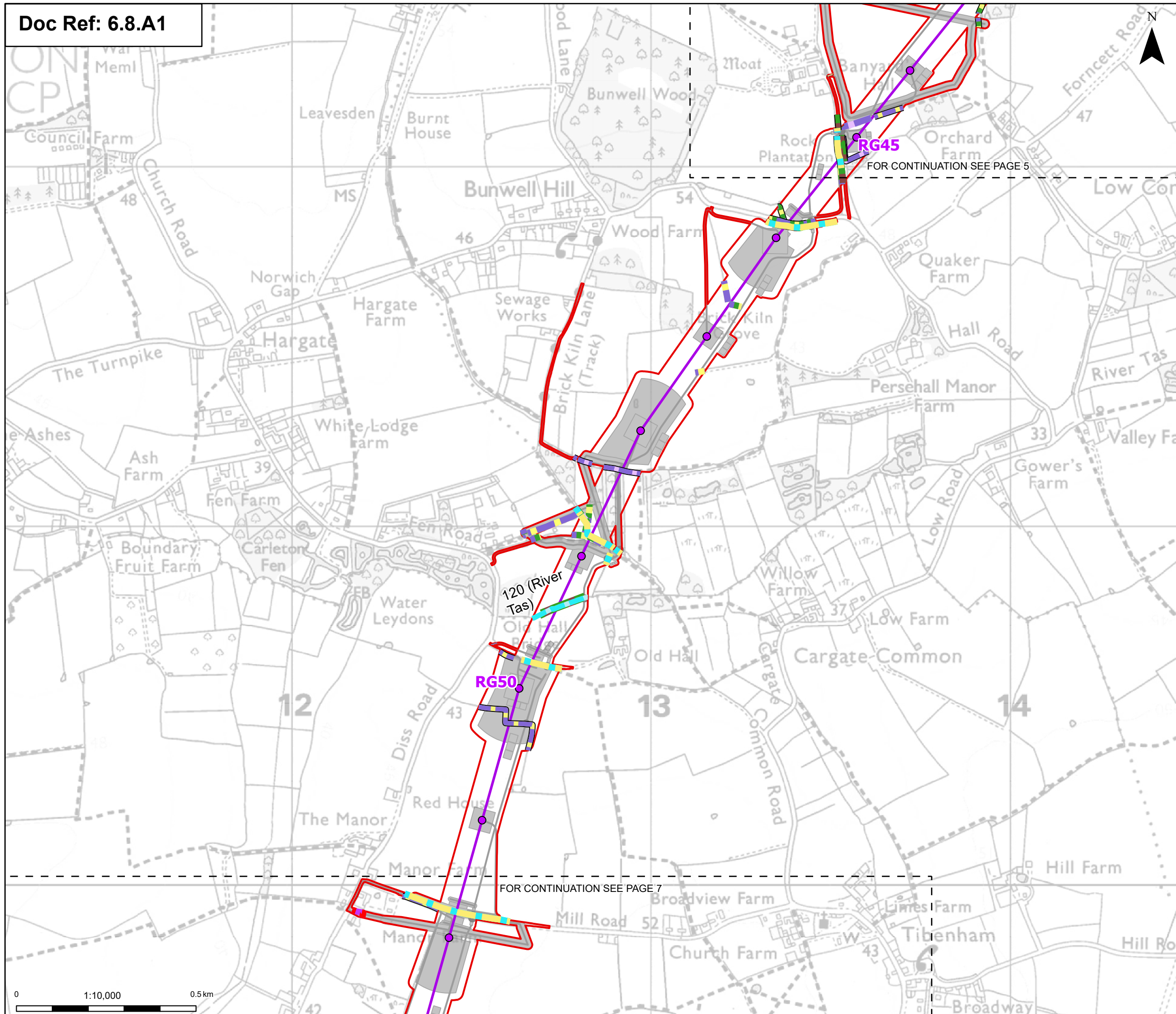
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 Section A
 Page 5 of 63

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Approved	K. Burrows	Date	May 26
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Suitability Description:
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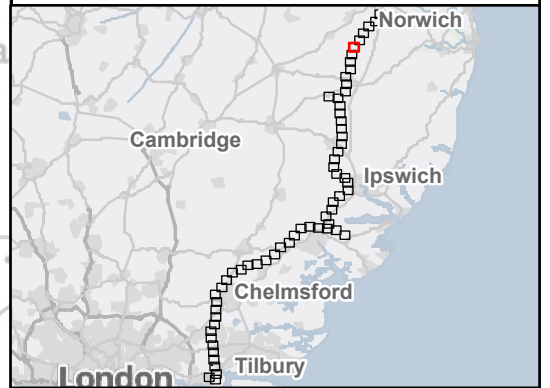
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Revision:
 C



- ▬ Order limits
 - ┌└ Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - ┌└ Proposed overhead line alignment
 - ▬ Other temporary and permanent construction and operational works
 - 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
 - ▬ Non-native and ornamental hedgerow
 - ▬ Species-rich native hedgerow
 - ▬ Species-rich native hedgerow - associated with bank or ditch
 - ▬ Species-rich native hedgerow with trees
 - ▬ Ecologically valuable line of trees
 - ▬ Ecologically valuable line of trees - associated with bank or ditch
 - ▬ Line of trees
 - ▬ Ditch
 - ▬ 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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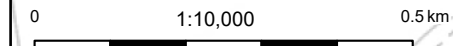
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 Linear Habitat Survey Results
 Section A
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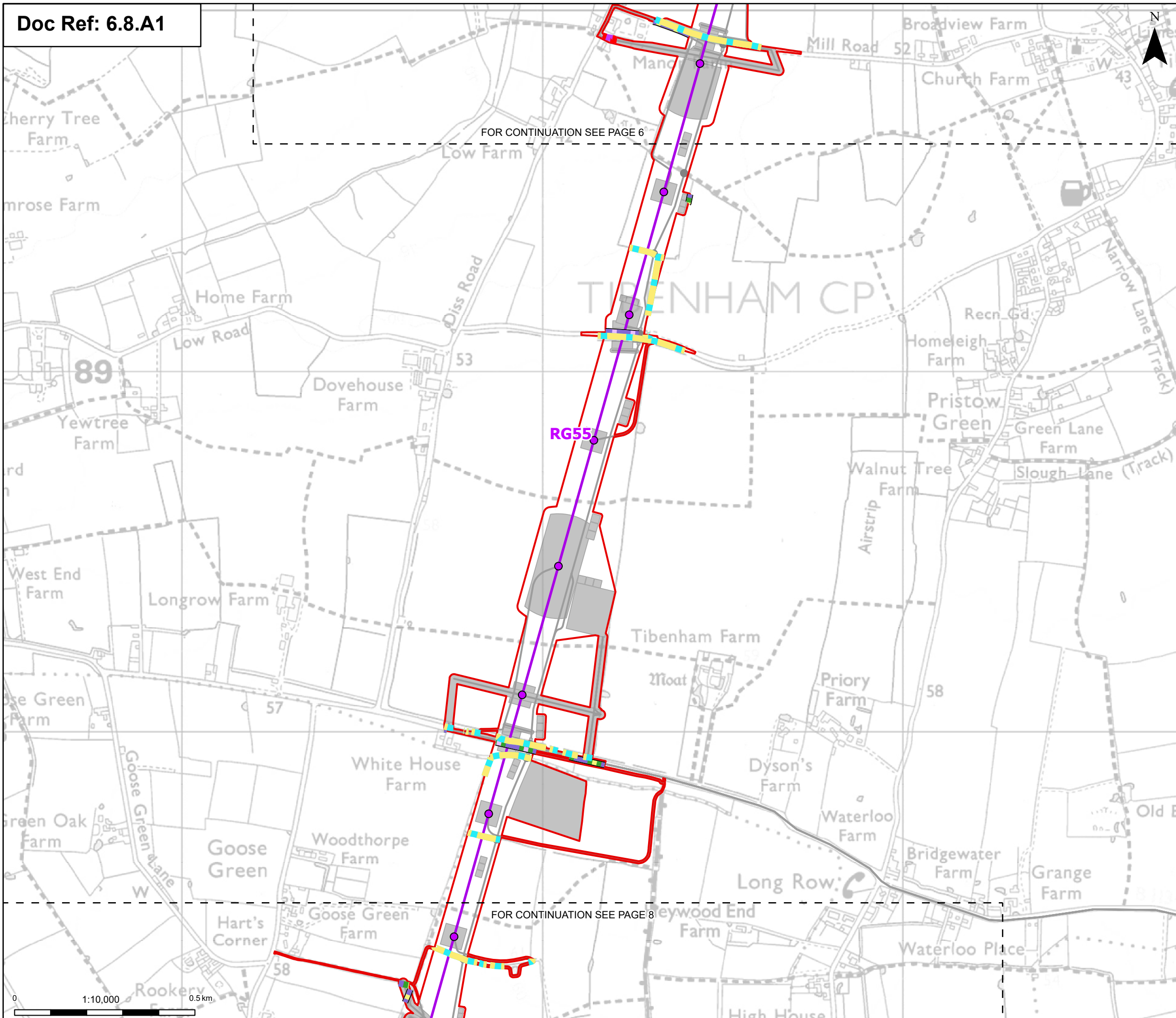
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
 C





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Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

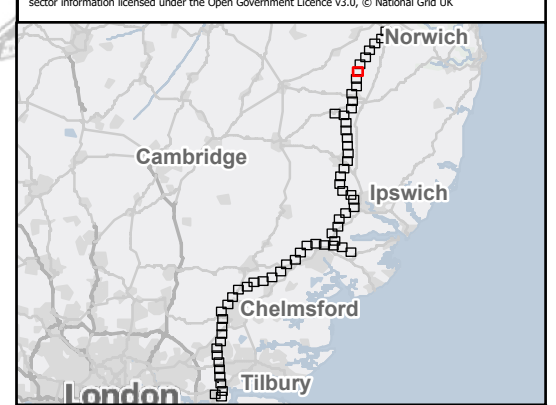
Discipline specific constraints

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

Native hedgerow with trees - associated with bank or ditch

- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- 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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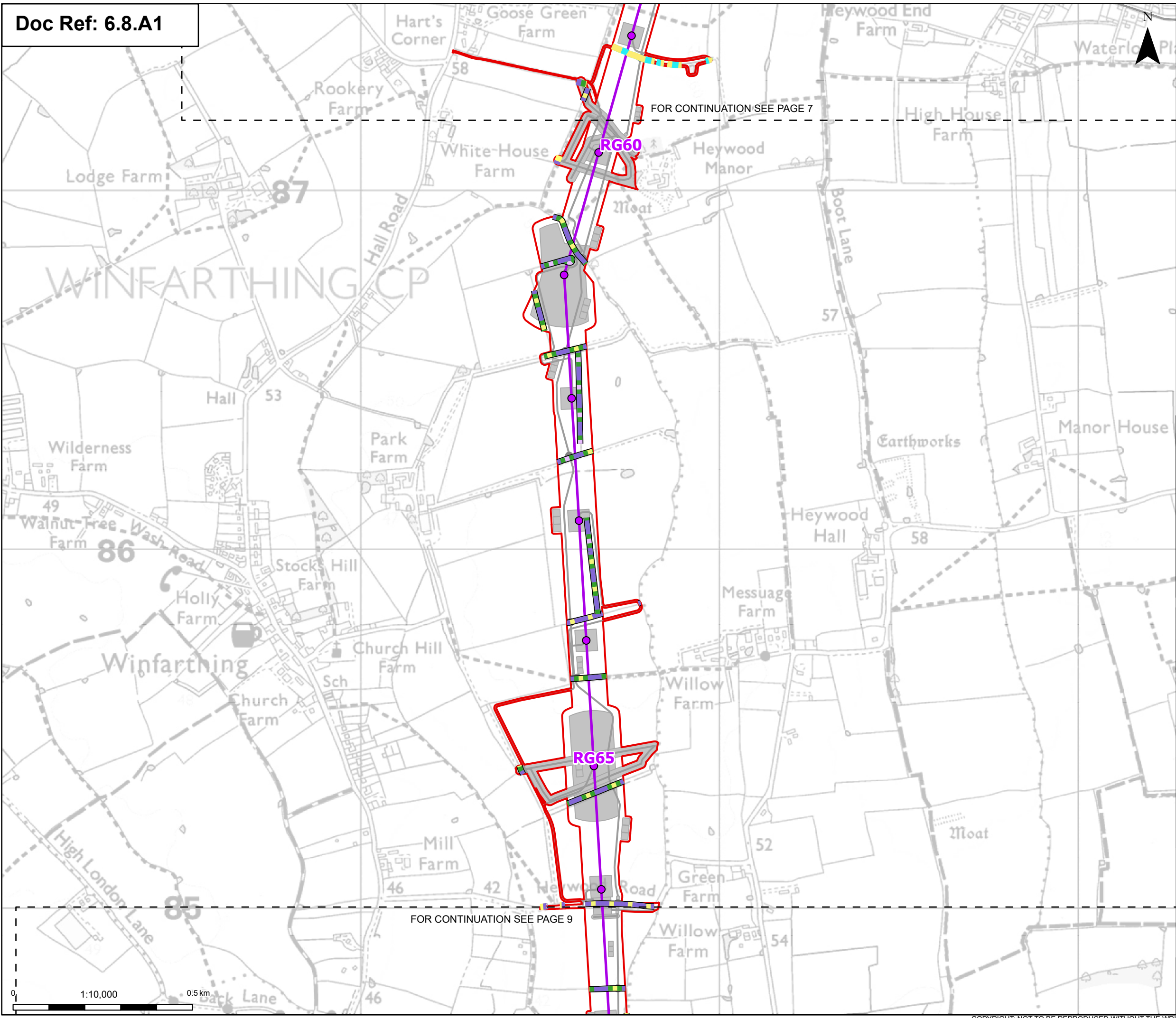
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 Section A
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Revision:
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Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

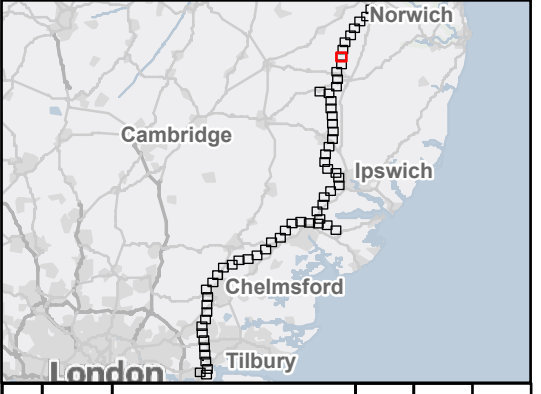
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow

Native hedgerow - associated with bank or ditch

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

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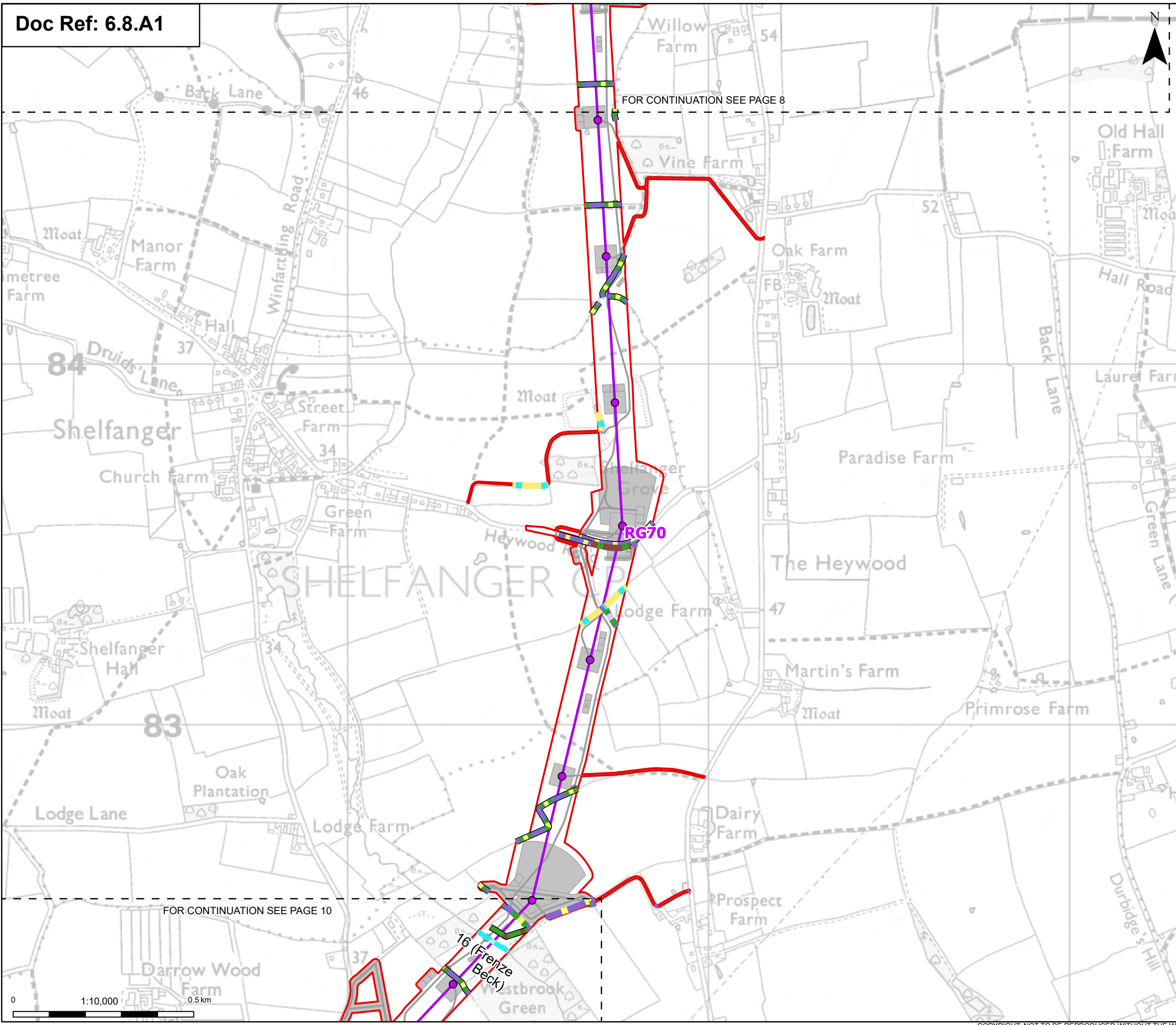
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Linear Habitat Survey Results
Section A
Page 8 of 63

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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

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Accepted as Concept Stage

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10059280-ARC-EBD-ZZ-DR-ZZ-00410

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Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

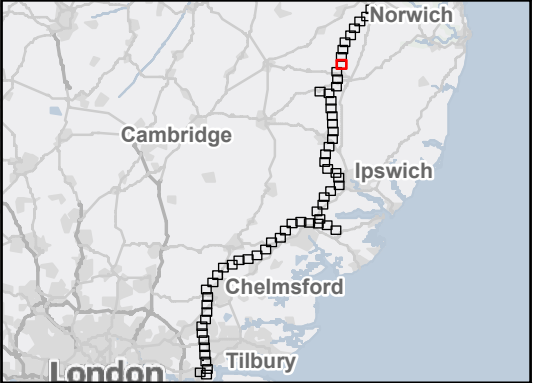
Discipline specific constraints

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

- Species-rich native hedgerow with trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- 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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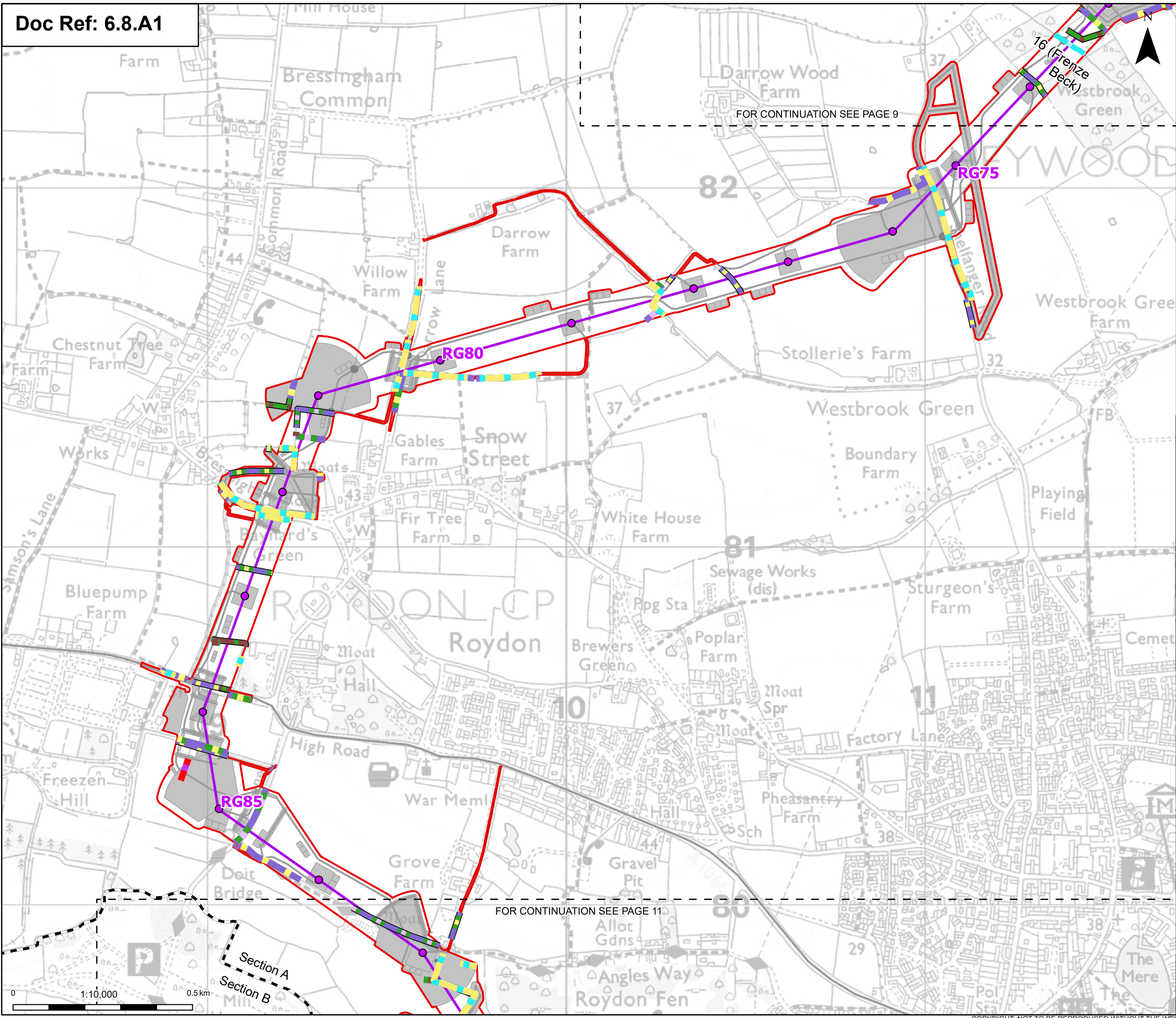
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 Regulation 5(2)(a)&(1)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section A
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Designed	A. Pinkney	Date	May 26
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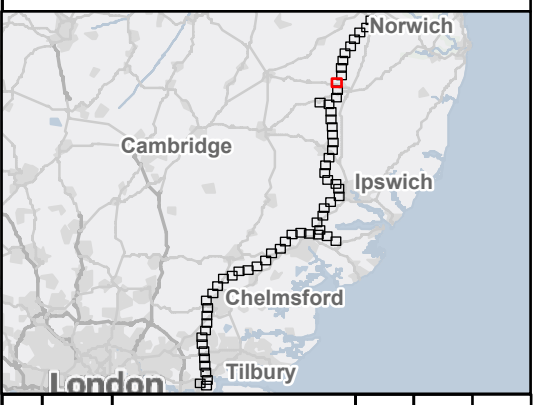
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 Environmental mitigation
 Other temporary and permanent construction and operational works

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

Non-native and ornamental hedgerow
 Species-rich native hedgerow
 Species-rich native hedgerow with trees
 Line of trees - associated with bank or ditch
 Ecologically valuable line of trees
 Ecologically valuable line of trees - associated with bank or ditch
 Line of trees
 Ditch
 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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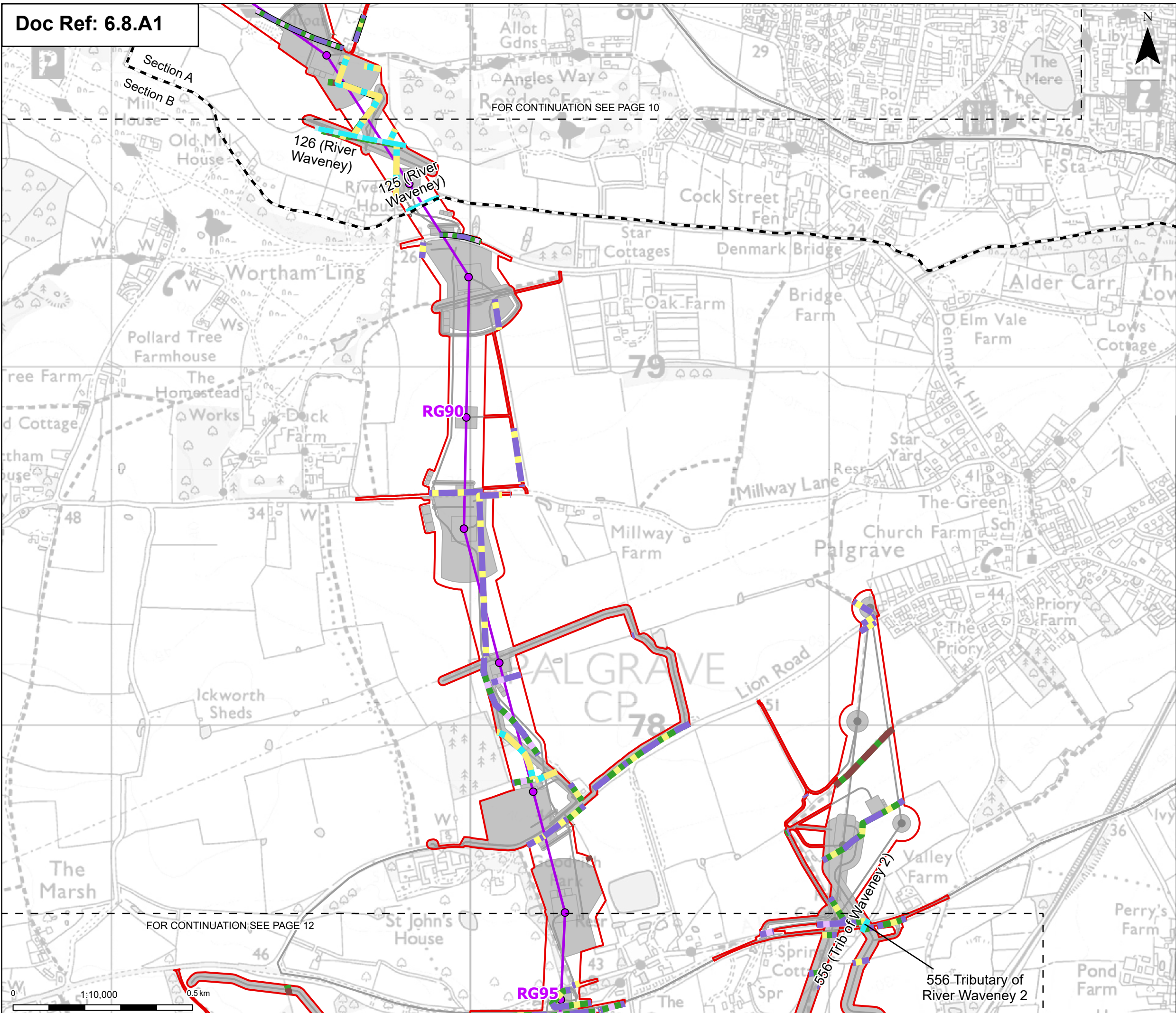
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 Page 10 of 63

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Suitability Description:
 Accepted as Concept Stage

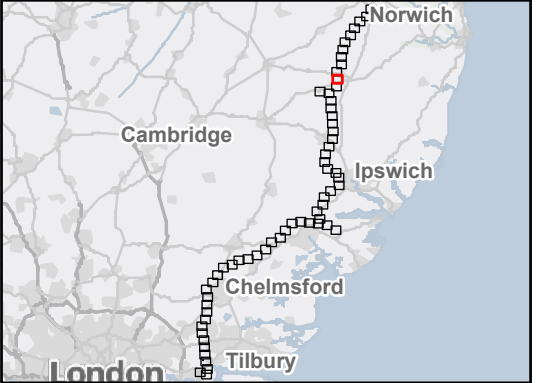
Drawing Number:
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Revision:
 C



- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Species-rich native hedgerow
 - Species-rich native hedgerow with trees
 - Ecologically valuable line of trees
 - Ecologically valuable line of trees - associated with bank or ditch
 - Line of trees
 - Ditch
 - Priority habitat
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections A and B
 Page 11 of 63

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

Suitability Description:
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Drawing Number:
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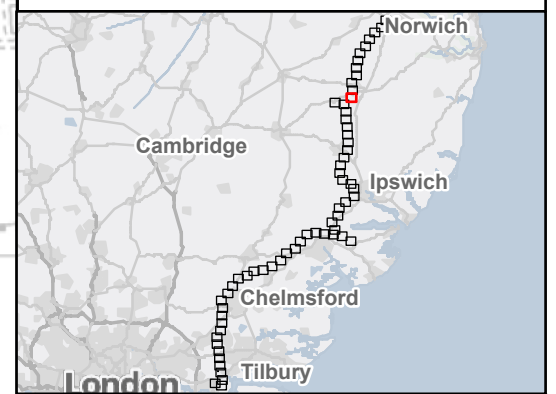
Revision:
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FOR CONTINUATION SEE PAGE 11

- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - 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
 - Line of trees - associated with bank or ditch
 - Line of trees
 - Ditch
 - 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)

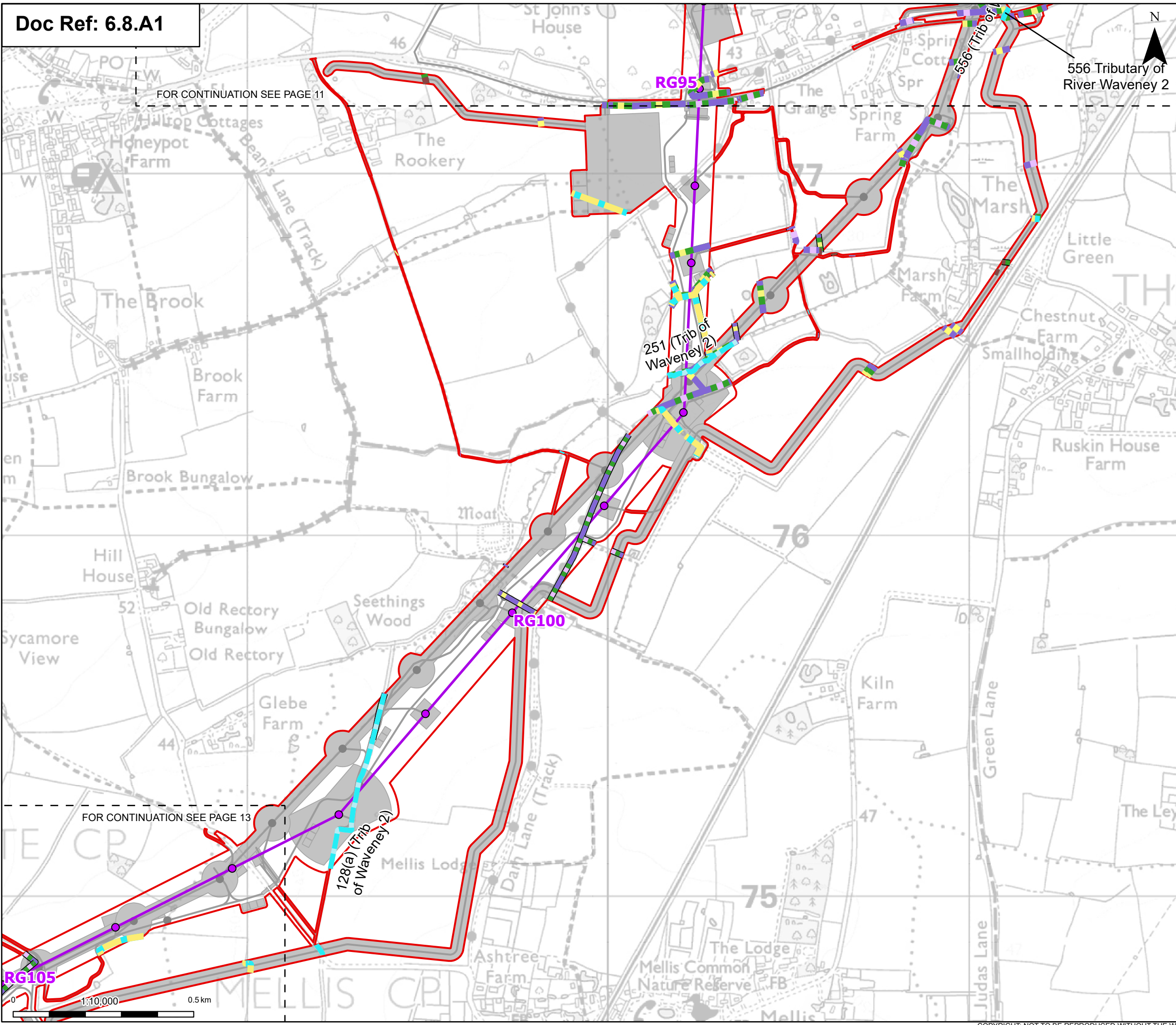
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 Section B
 Page 12 of 63

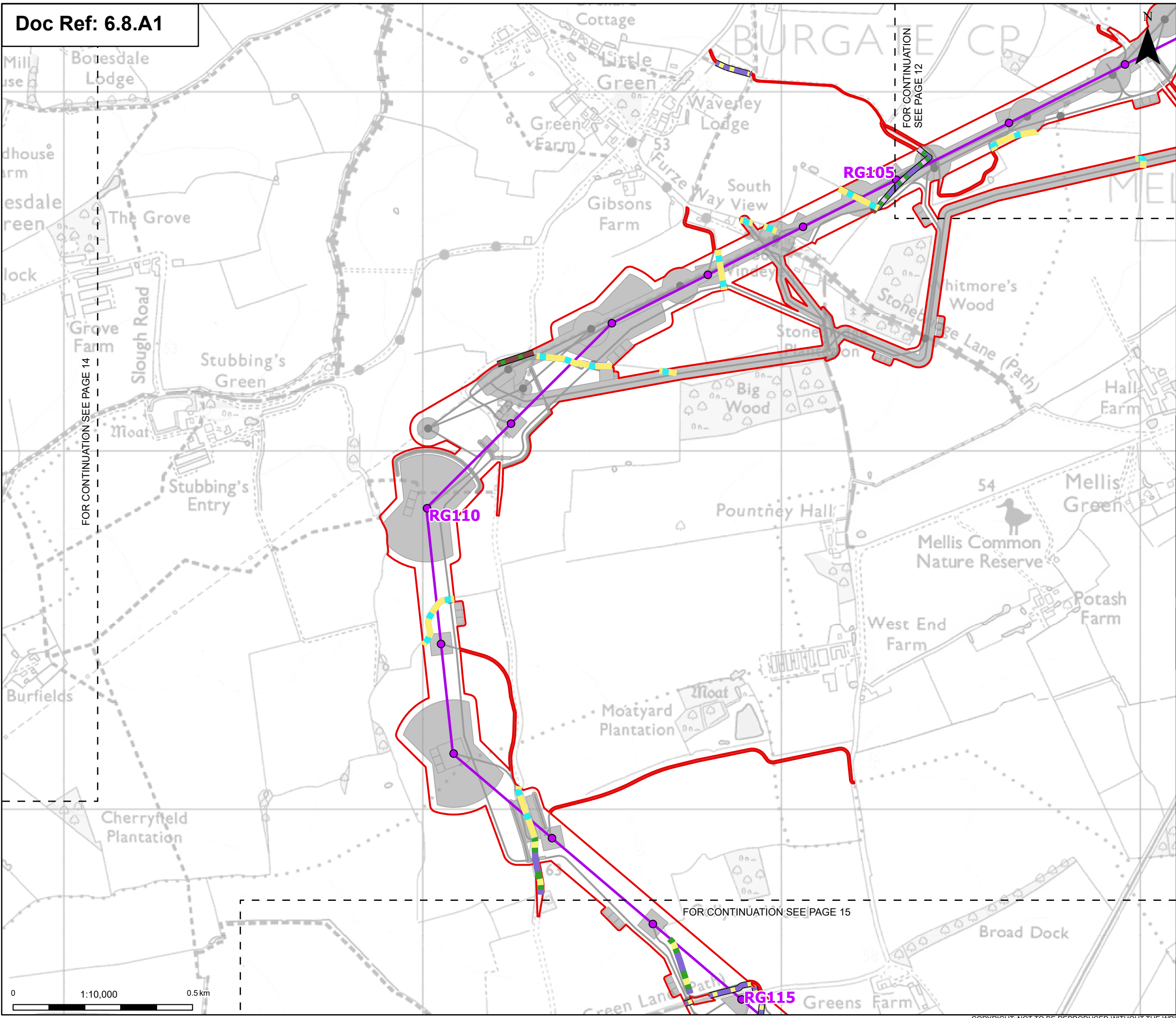
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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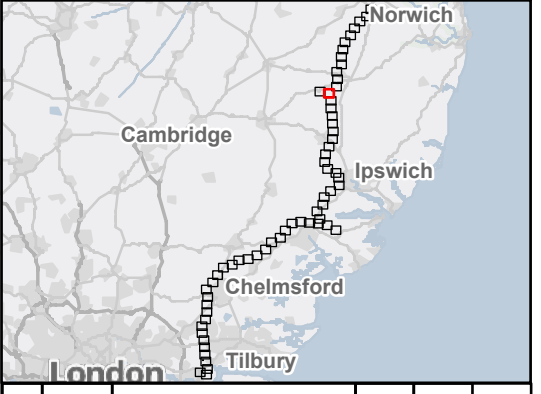
Revision:
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- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Species-rich native hedgerow
 - Line of trees - associated with bank or ditch
 - Line of trees
 - 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

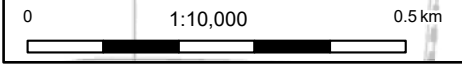
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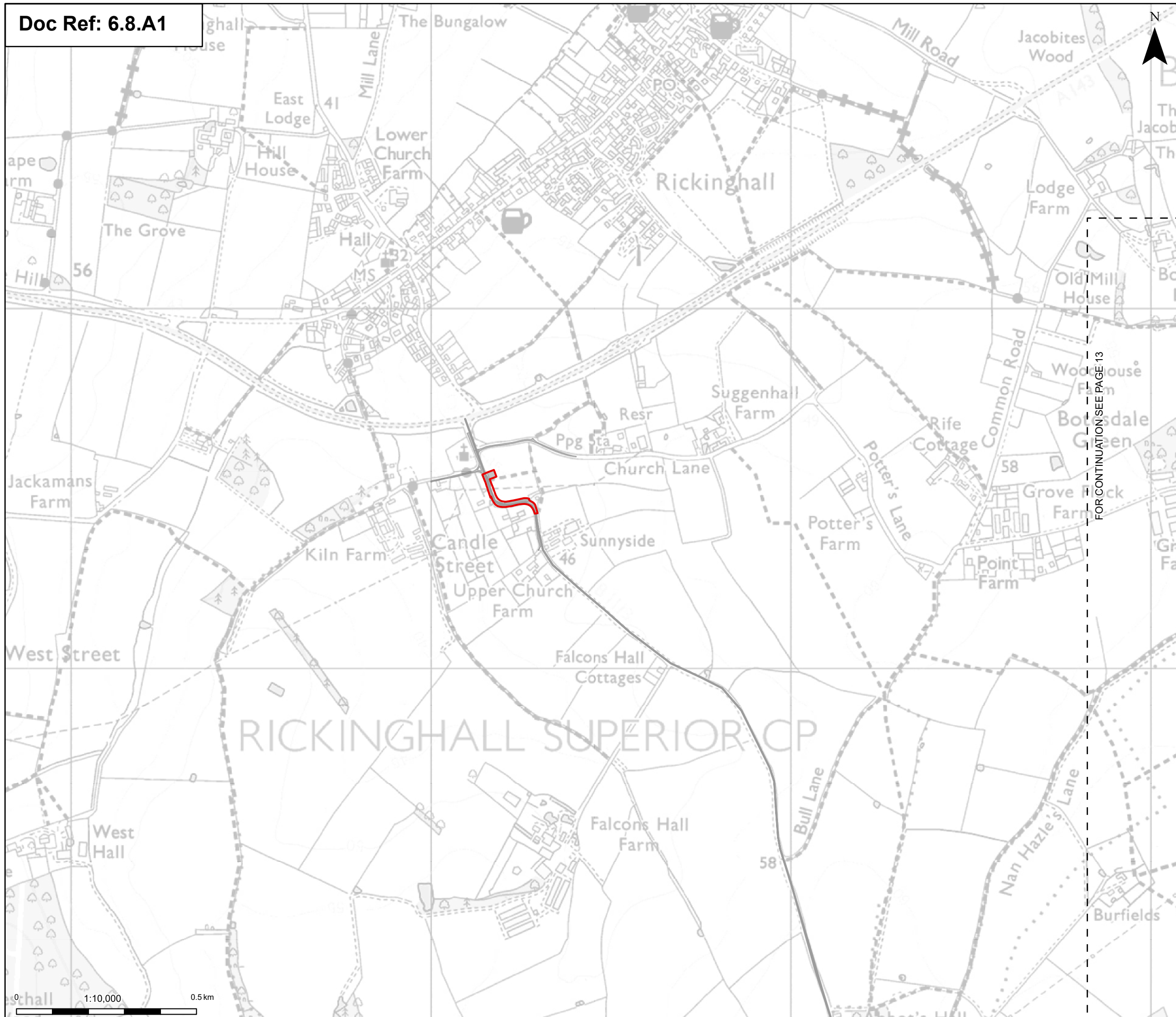
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section B
 Page 13 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:
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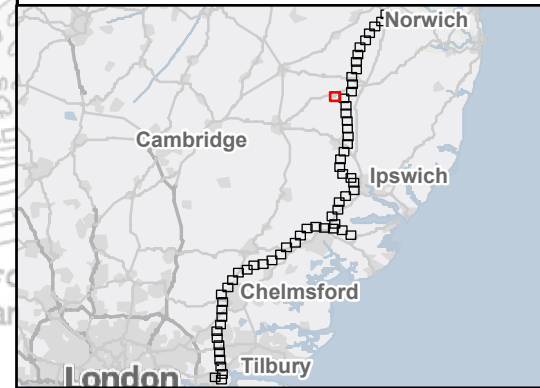
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Order limits
Sheet index outline
Proposed project design details
Other temporary and permanent construction and operational works
 Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. 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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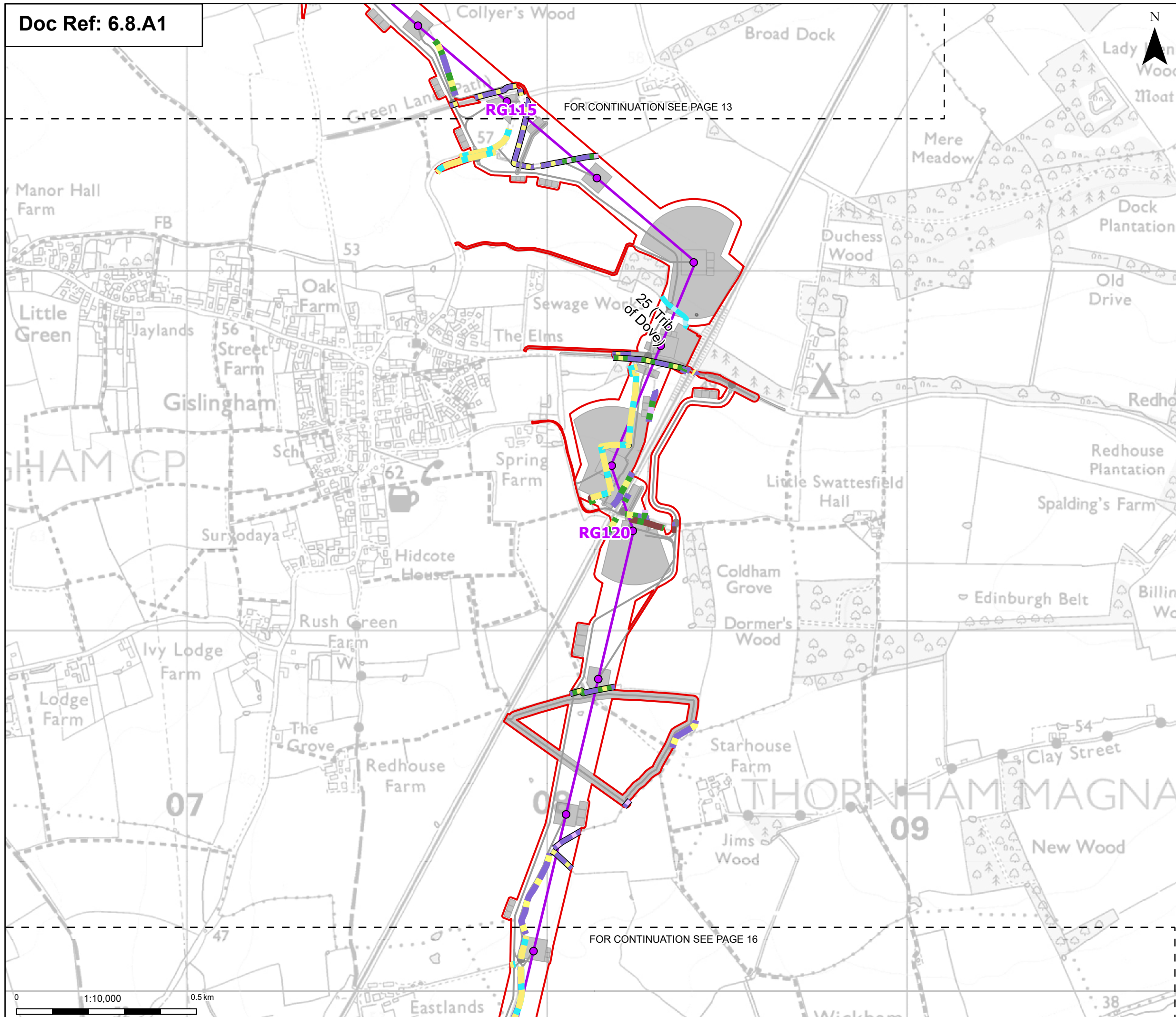
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 14 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410		Revision: C





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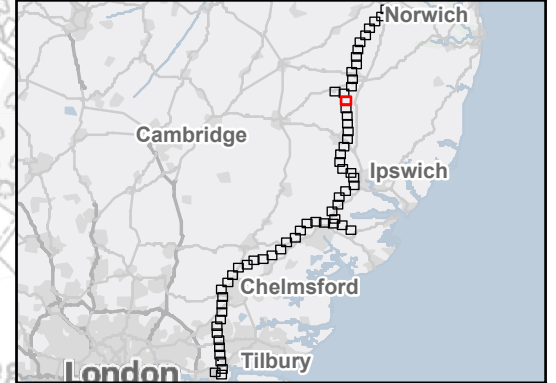
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- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Species-rich native hedgerow with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

Discipline specific constraints

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

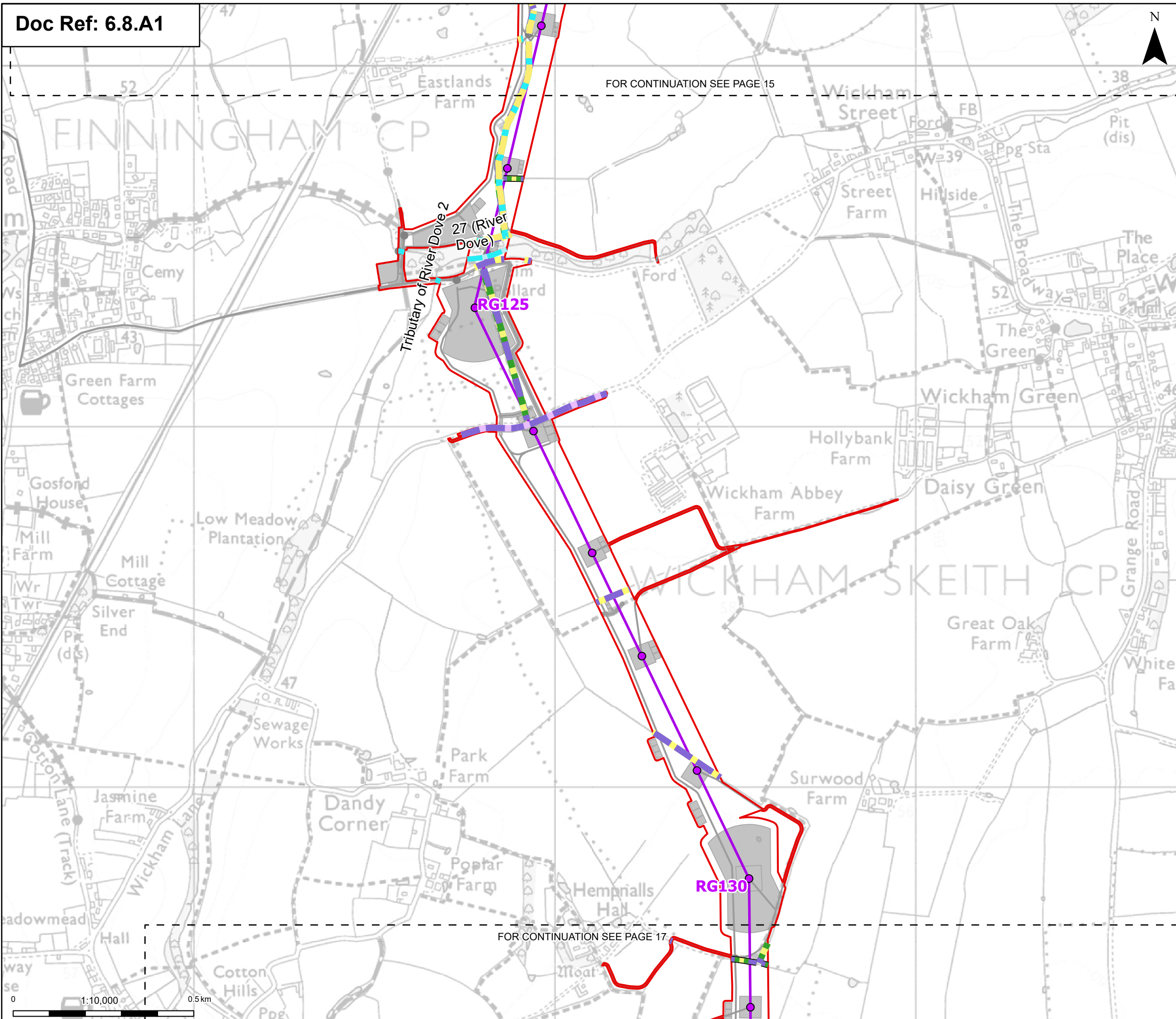
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(1)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 15 of 63

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

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410
 Revision:
 C



Order limits

Sheet index outline

Proposed project design details

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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

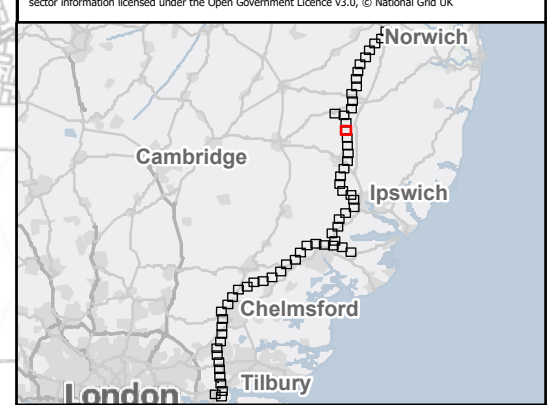
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- Native hedgerow
- Native hedgerow with trees

Native hedgerow with trees - associated with bank or ditch

- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Ditch
- 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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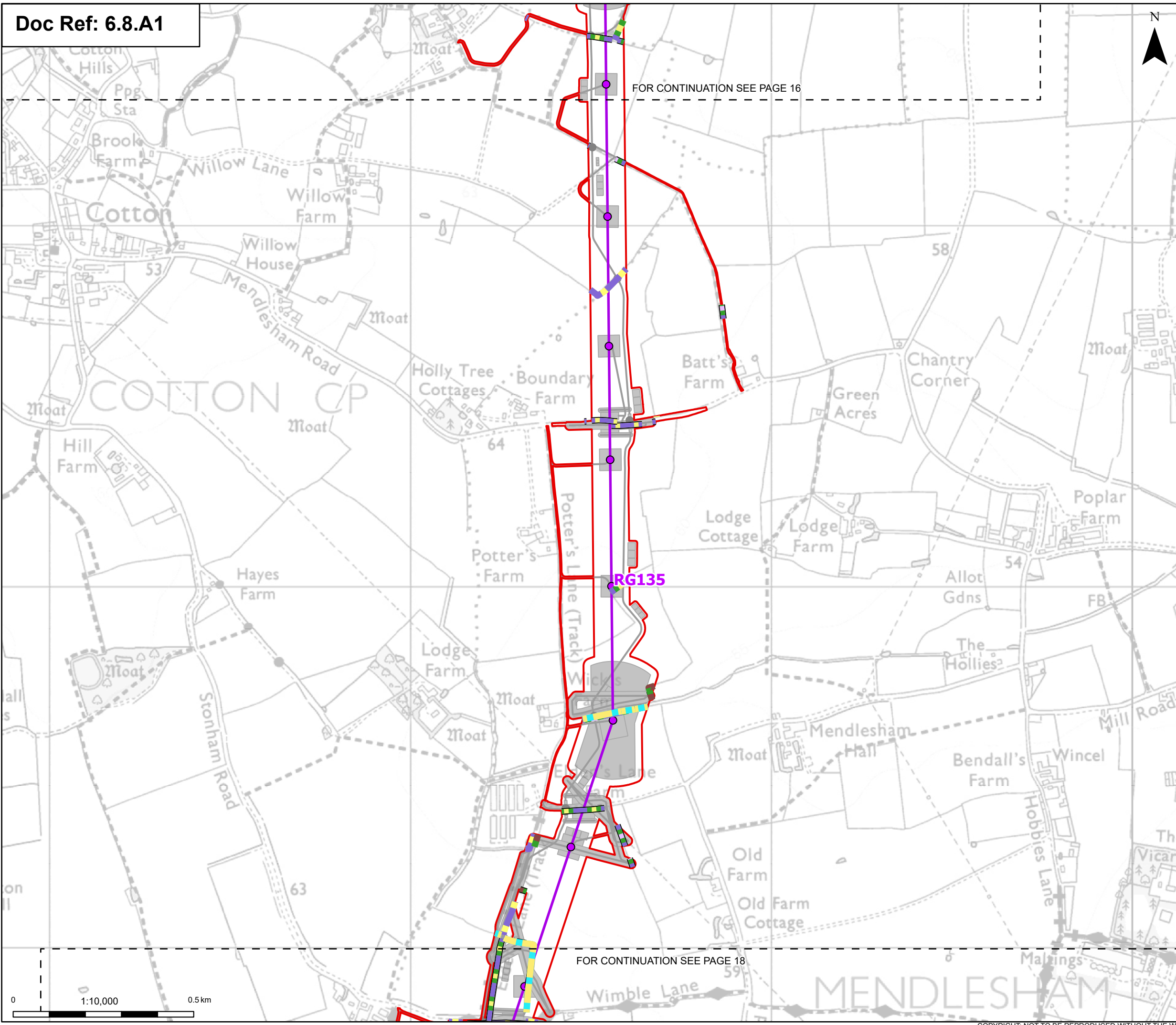
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PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
 Figure A8.1.7 - Ecology and Biodiversity -
 Linear Habitat Survey Results
 Section B
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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
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410		Revision: C



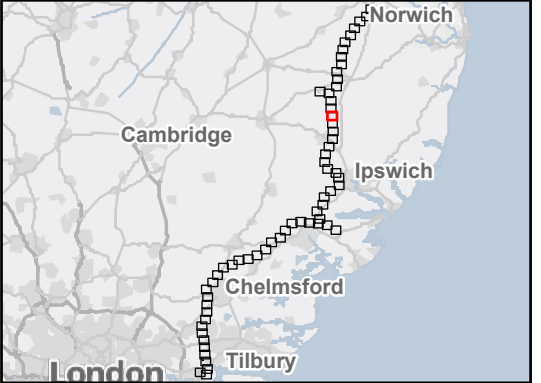
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FOR CONTINUATION SEE PAGE 18



- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - ▬ Native hedgerow with trees
 - ▬ Native hedgerow with trees - associated with bank or ditch
 - ▬ Species-rich native hedgerow with trees
 - ▬ Line of trees - associated with bank or ditch
 - ▬ Line of trees
 - ▬ Ditch
- Discipline specific constraints**
- ▬ Species-rich native hedgerow with trees - associated with bank or ditch
 - ▬ Native hedgerow
 - ▬ Native hedgerow - 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)

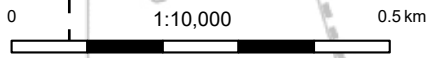
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 Page 17 of 63

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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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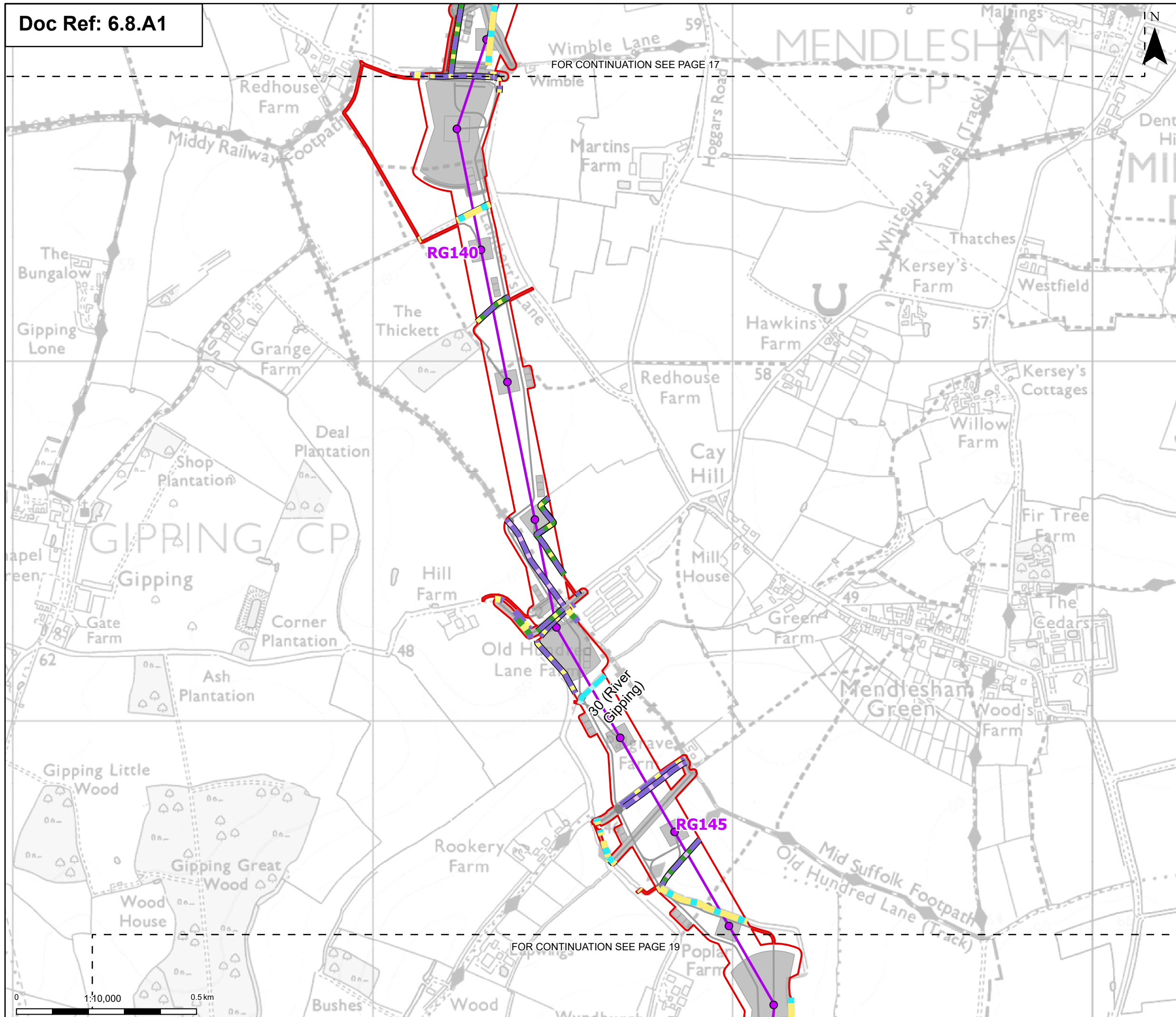
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Revision:
C



FOR CONTINUATION SEE PAGE 17

FOR CONTINUATION SEE PAGE 19



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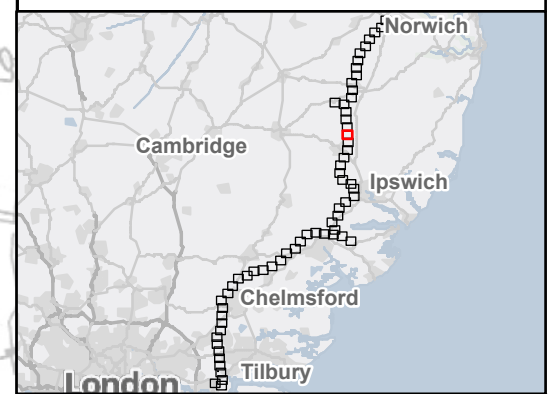
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 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Species-rich native hedgerow with trees - associated with bank or ditch
 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
 Line of trees - associated with bank or ditch
 Ditch
 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)

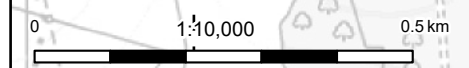
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 18 of 63

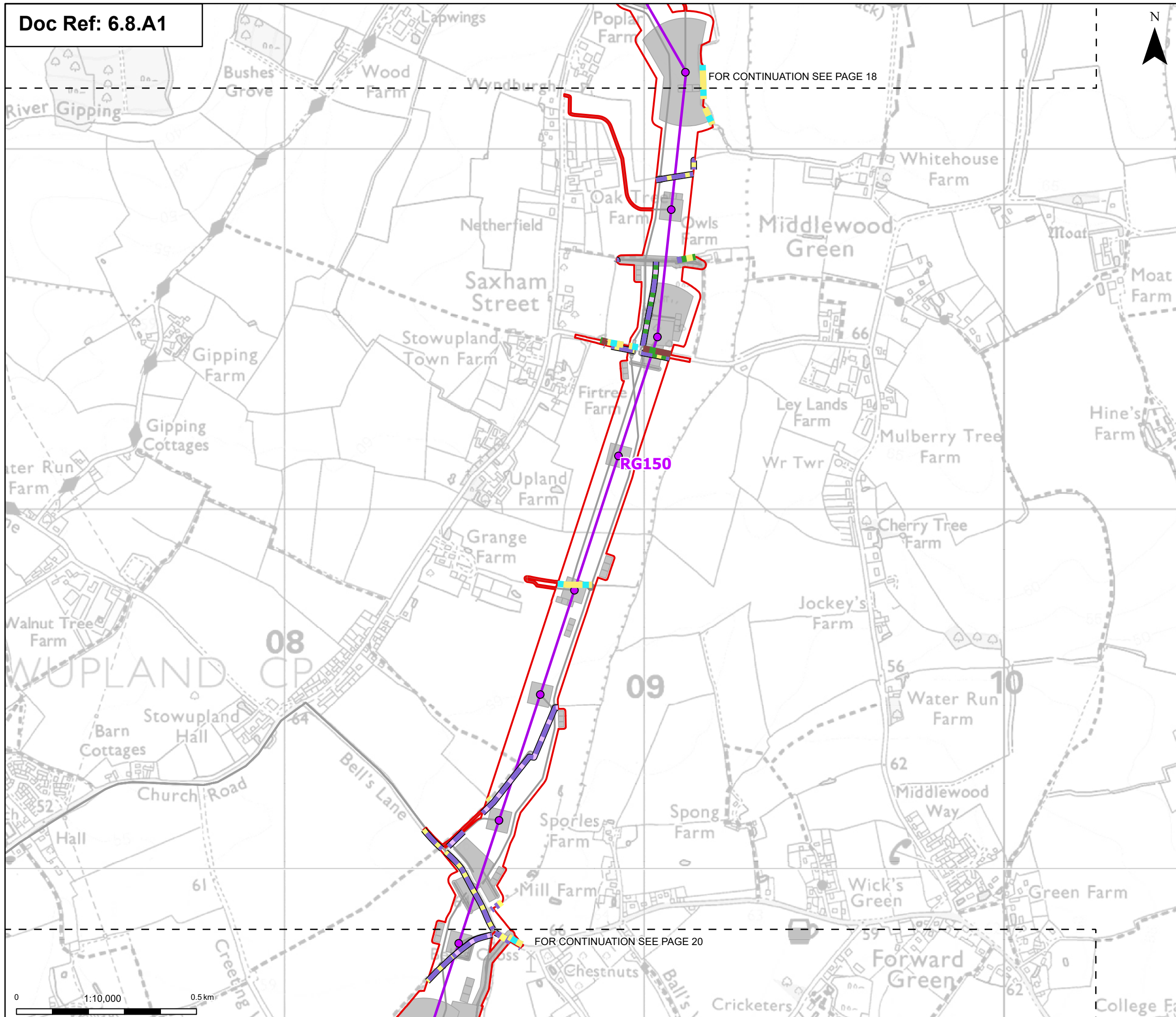
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Checked	A. Fell	Date	May 26
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
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Drawing Number:
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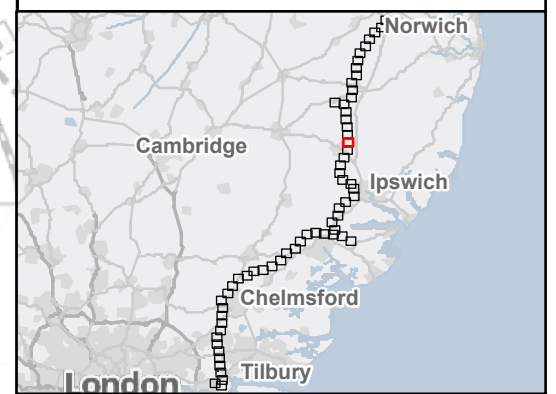
Revision:
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- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Species-rich native hedgerow - associated with bank or ditch
 - Line of trees
 - Ditch
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - Native hedgerow - 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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nationalgrid Norwich to Tilbury

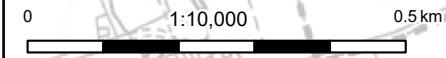
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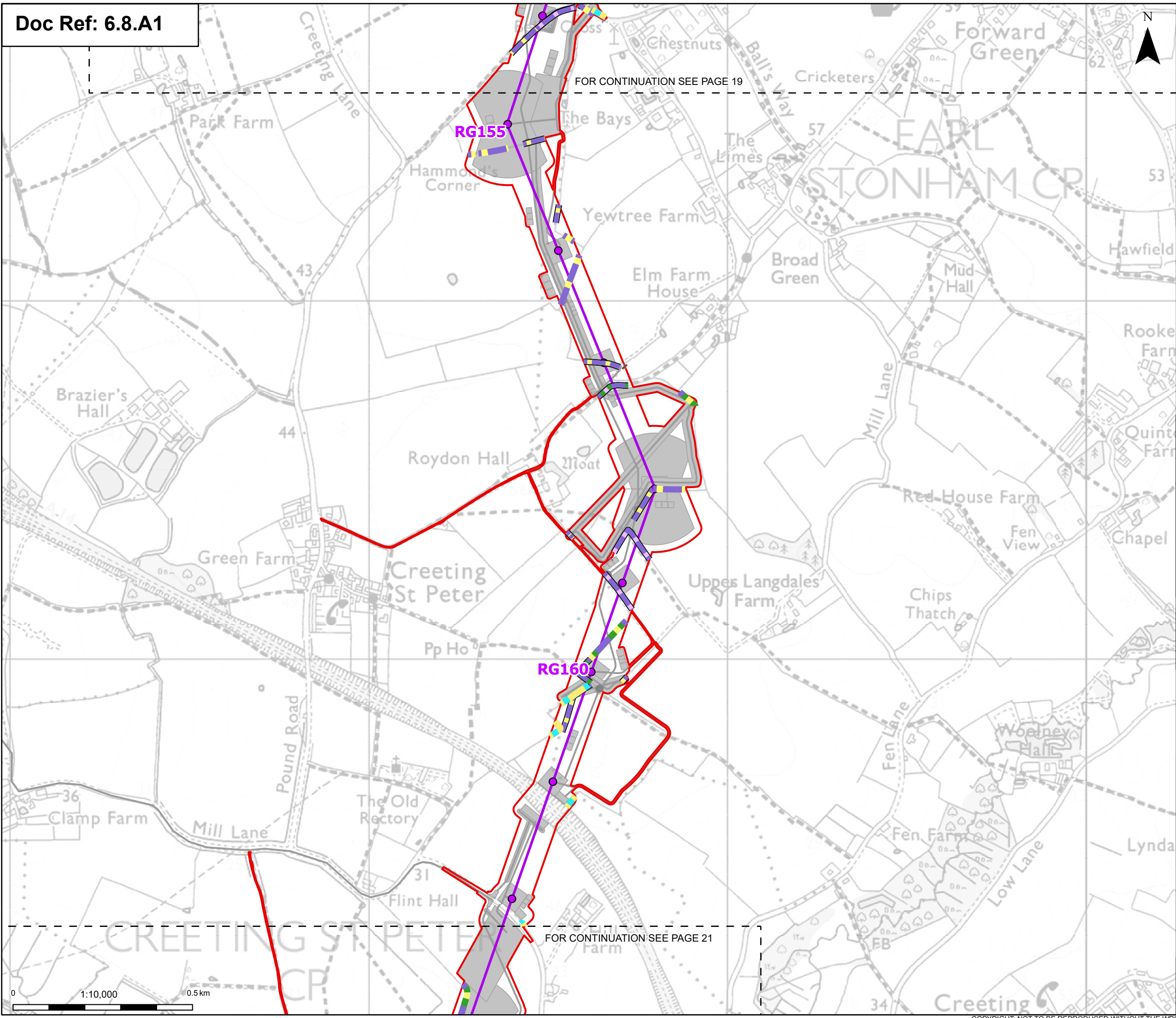
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 Page 19 of 63

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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
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Suitability Description:
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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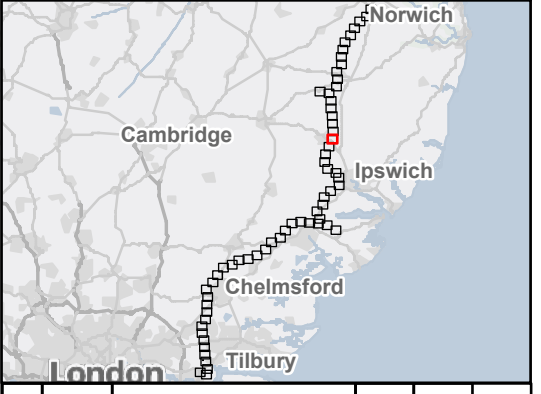
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

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- 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
- Line of trees
- 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 A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 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
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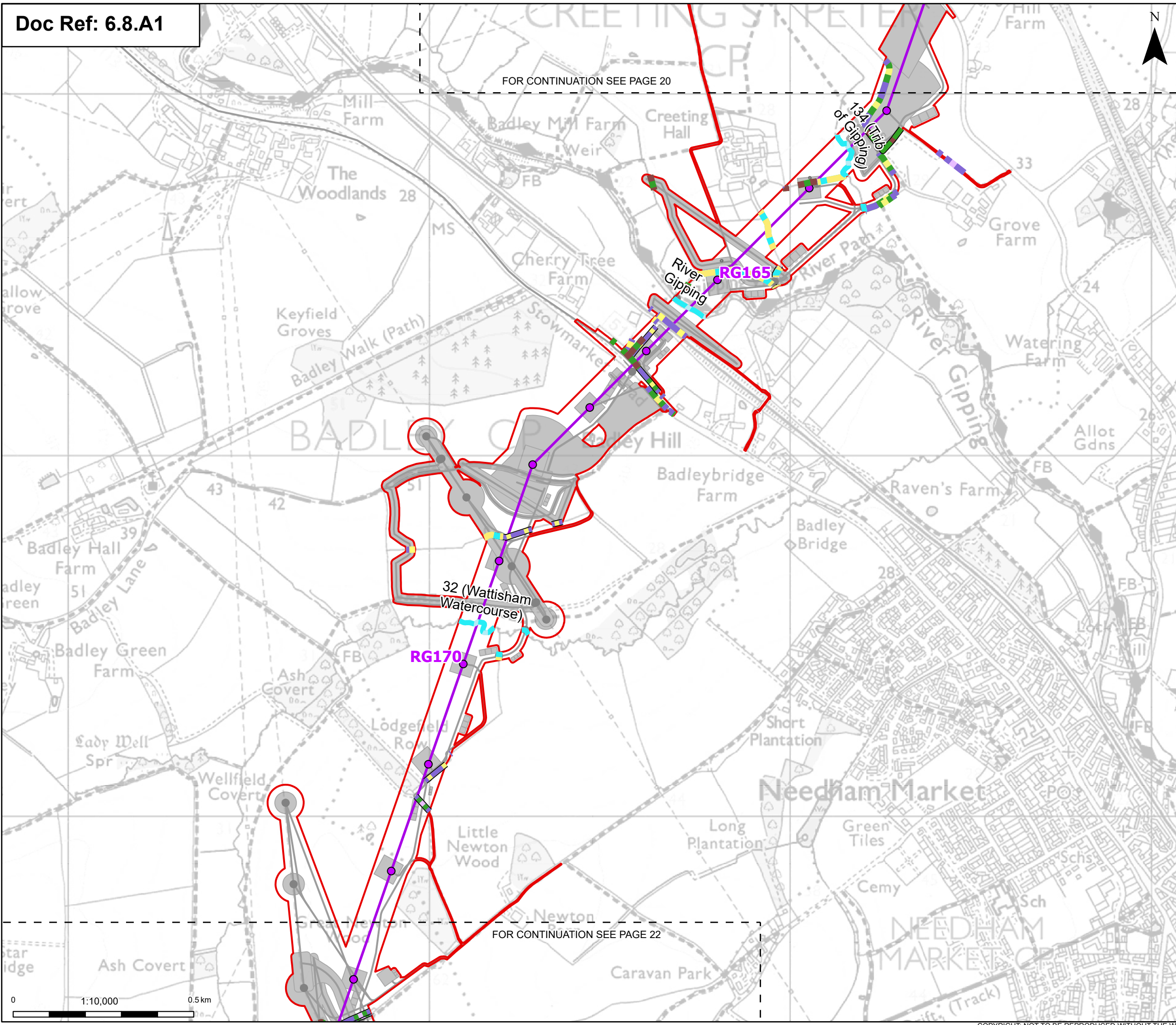
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Revision:
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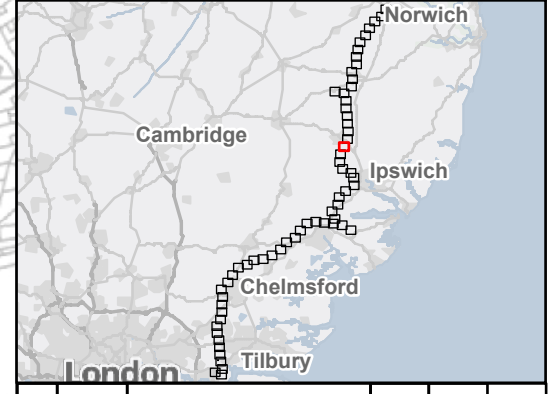
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FOR CONTINUATION SEE PAGE 22



- Order limits
 - Sheet index outline
 - Proposed project design details**
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 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - 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
 - Line of trees - associated with bank or ditch
 - Ecologically valuable line of trees
 - Ecologically valuable line of trees - associated with bank or ditch
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PROJECT:
nationalgrid Norwich to Tilbury

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

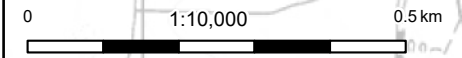
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 21 of 63

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

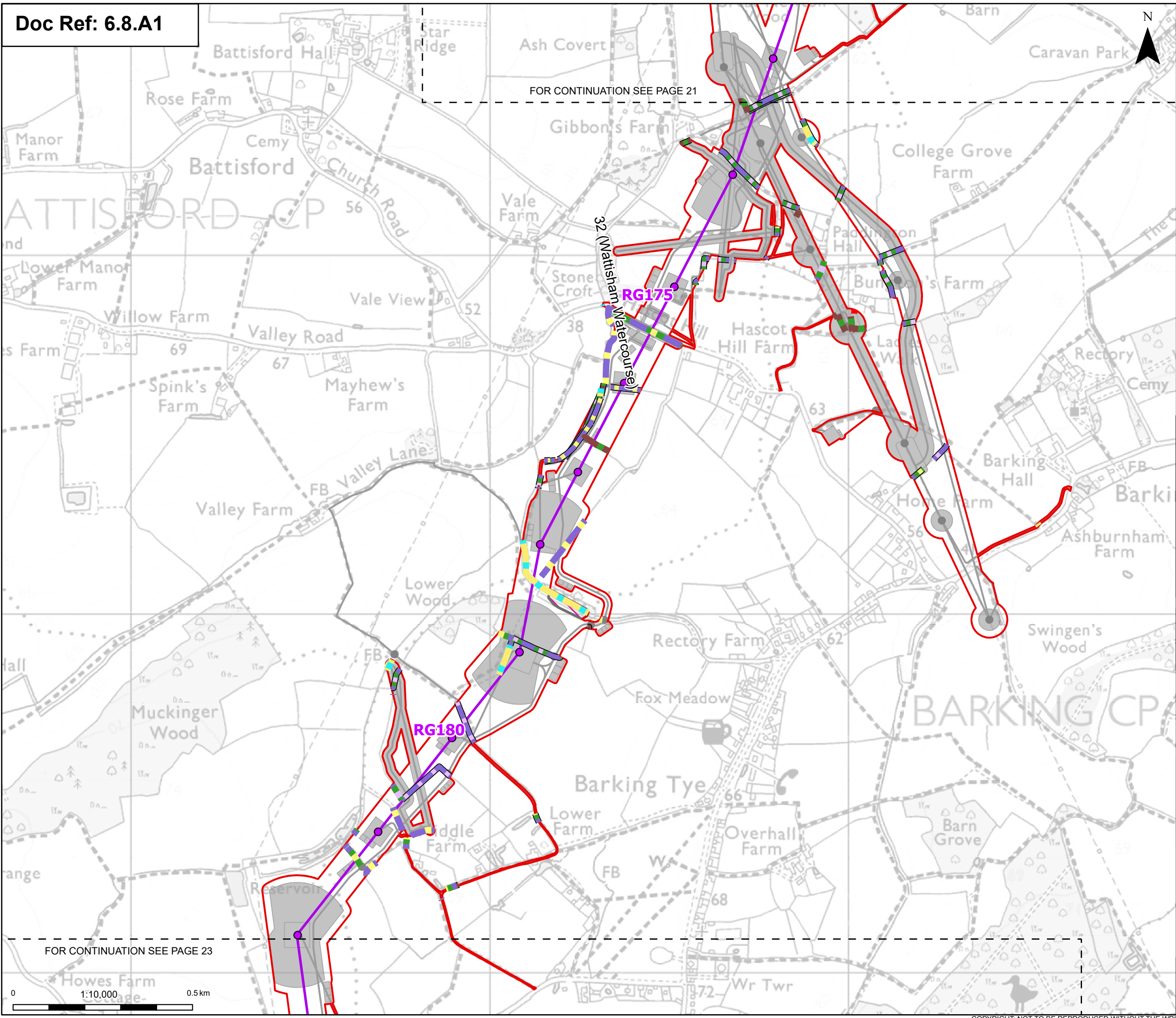
Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
 C



FOR CONTINUATION SEE PAGE 21



Order limits
 Sheet index outline

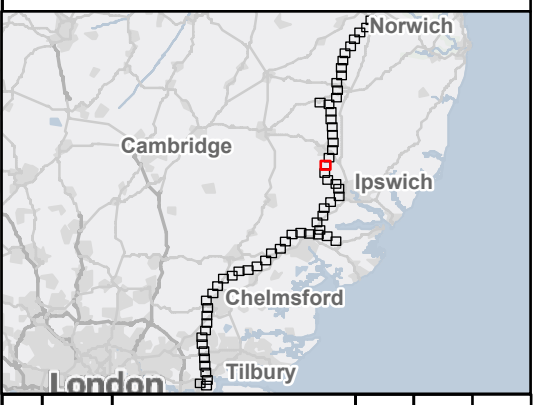
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental mitigation
 Other temporary and permanent construction and operational works

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

Non-native and ornamental hedgerow
 Species-rich native hedgerow - associated with bank or ditch
 Species-rich native hedgerow with trees
 Line of trees - associated with bank or ditch
 Ecologically valuable line of trees - associated with bank or ditch
 Line of trees
 Ditch
 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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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section B
 Page 22 of 63

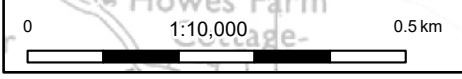
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

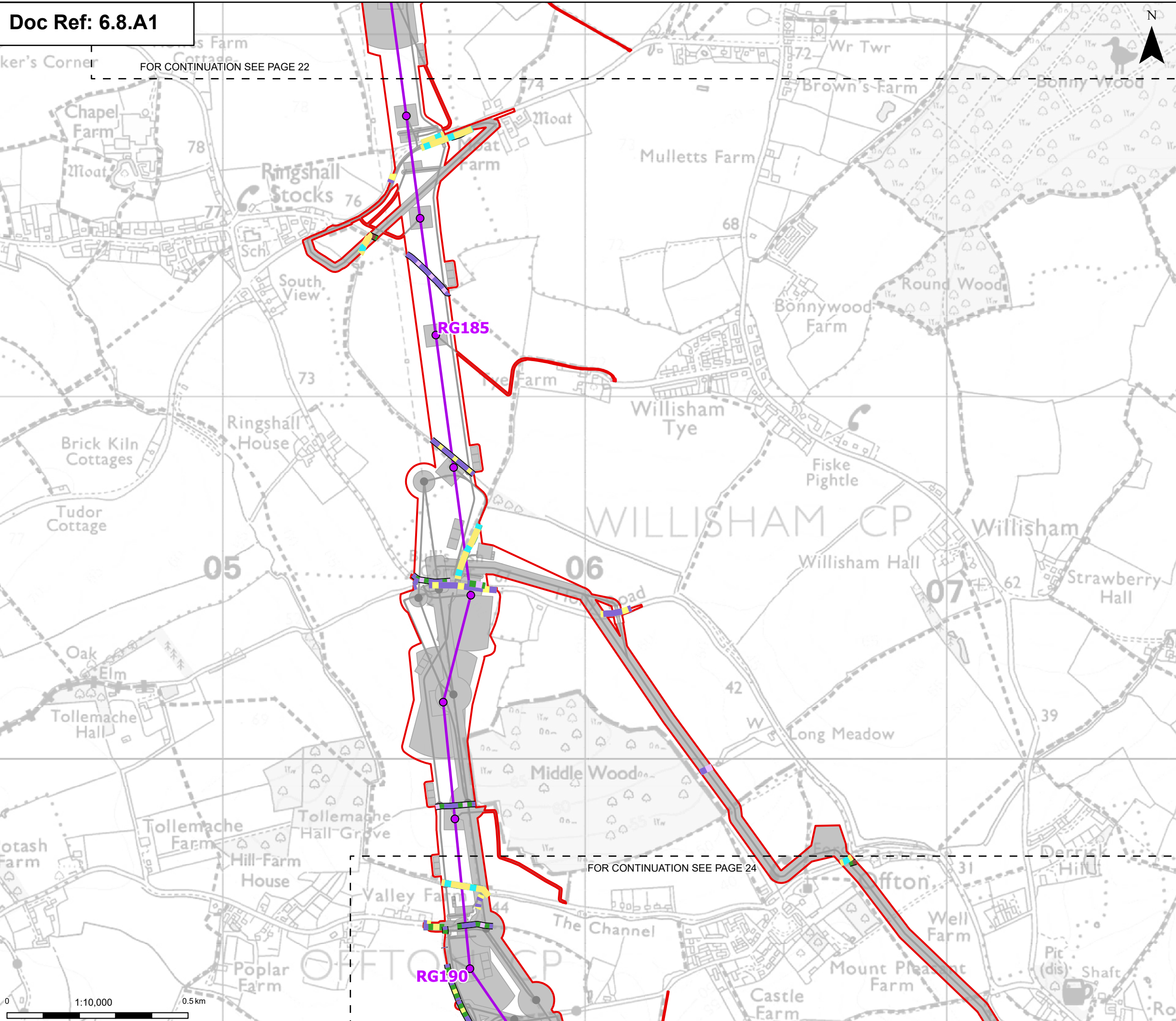
Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
C

FOR CONTINUATION SEE PAGE 23



FOR CONTINUATION SEE PAGE 22



Proposed project design details

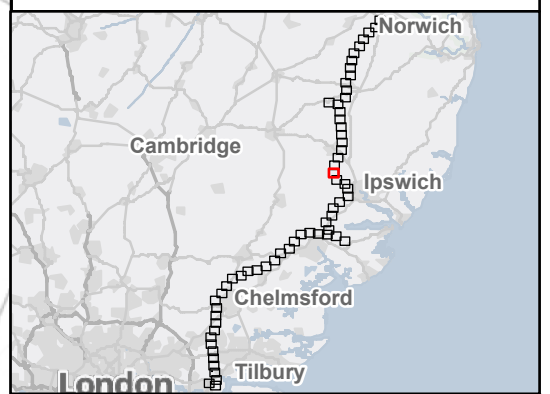
- Order limits
- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works
- Species-rich native hedgerow
- Species-rich native hedgerow with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Ditch

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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)&(1)(ii)

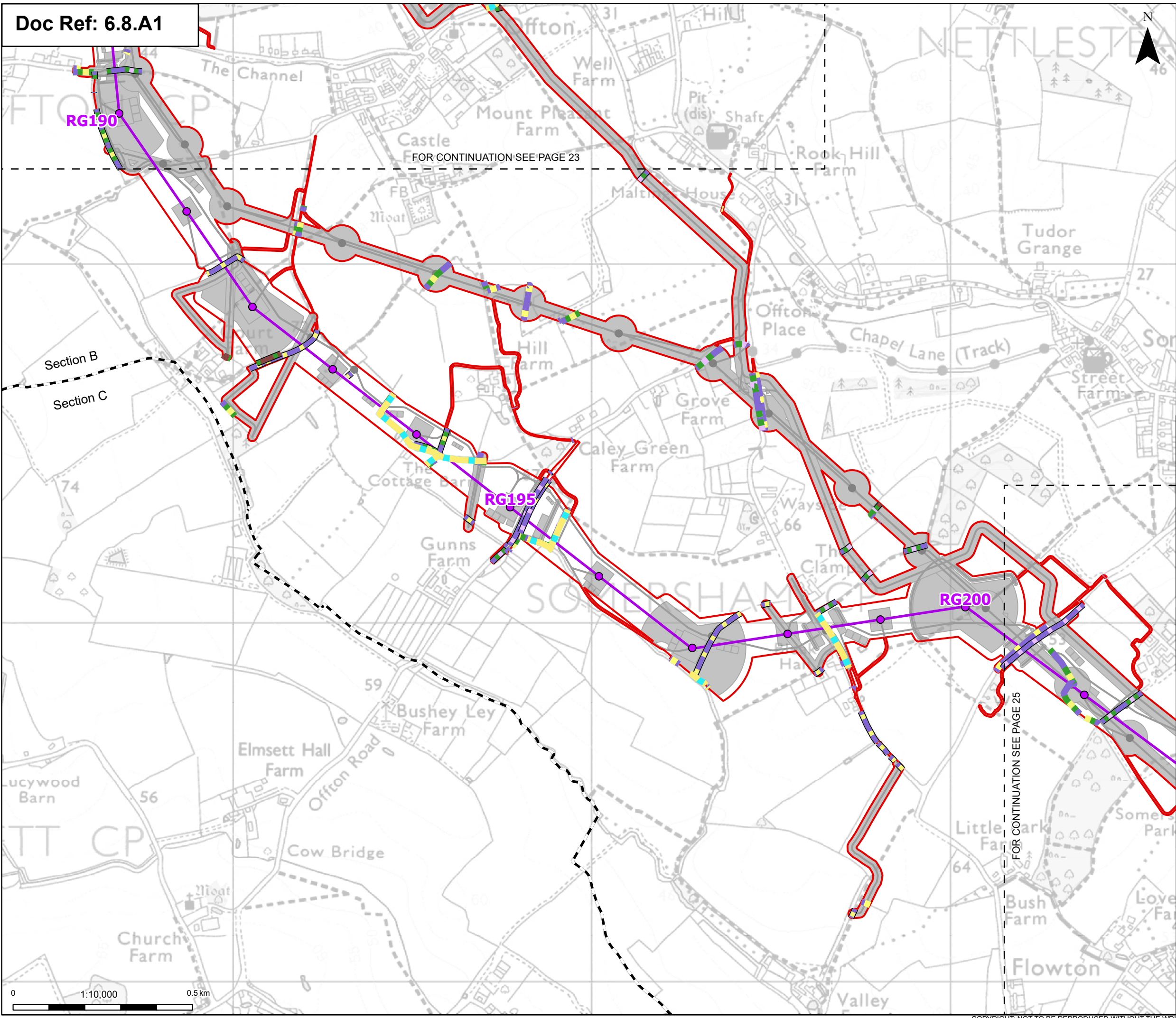
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 23 of 63

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-00410

Revision:
C



Order limits
 Sheet index outline
 Project section line

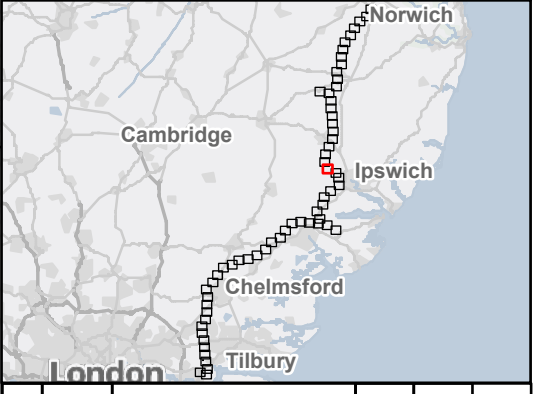
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Species-rich native hedgerow with trees - associated with bank or ditch
 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
 Line of trees - associated with bank or ditch
 Line of trees
 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)&(l)(ii)

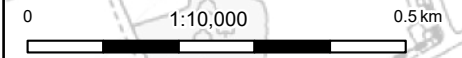
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections B and C
 Page 24 of 63

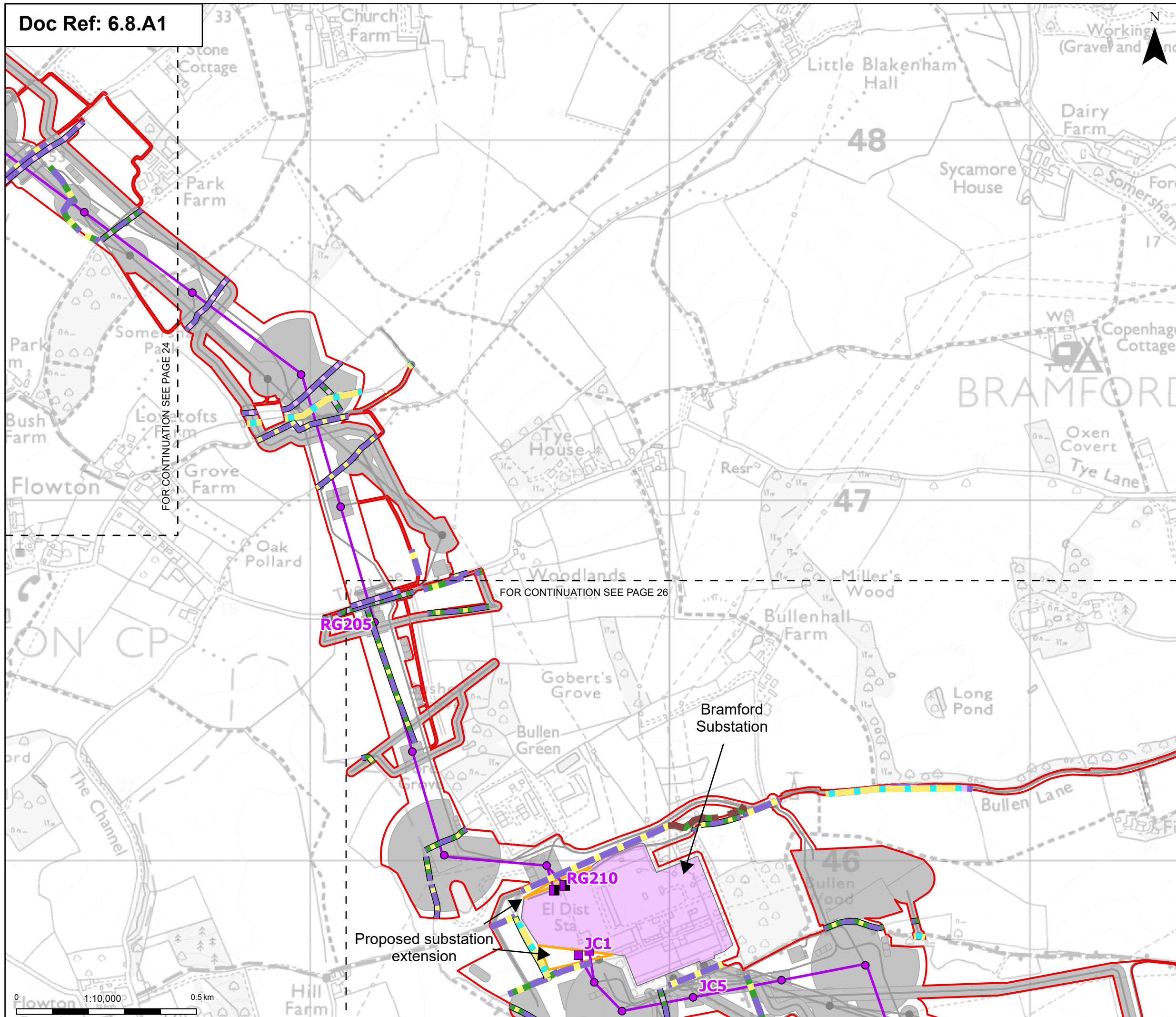
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
C





Proposed project design details

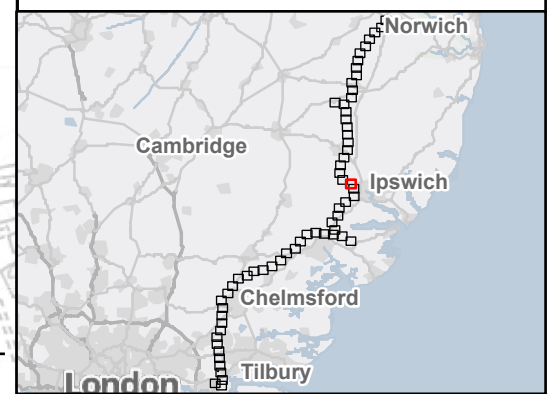
- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- Ecologically valuable line of trees
- Line of trees
- 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

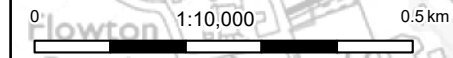
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 Regulation 5(2)(a)&(I)(ii)

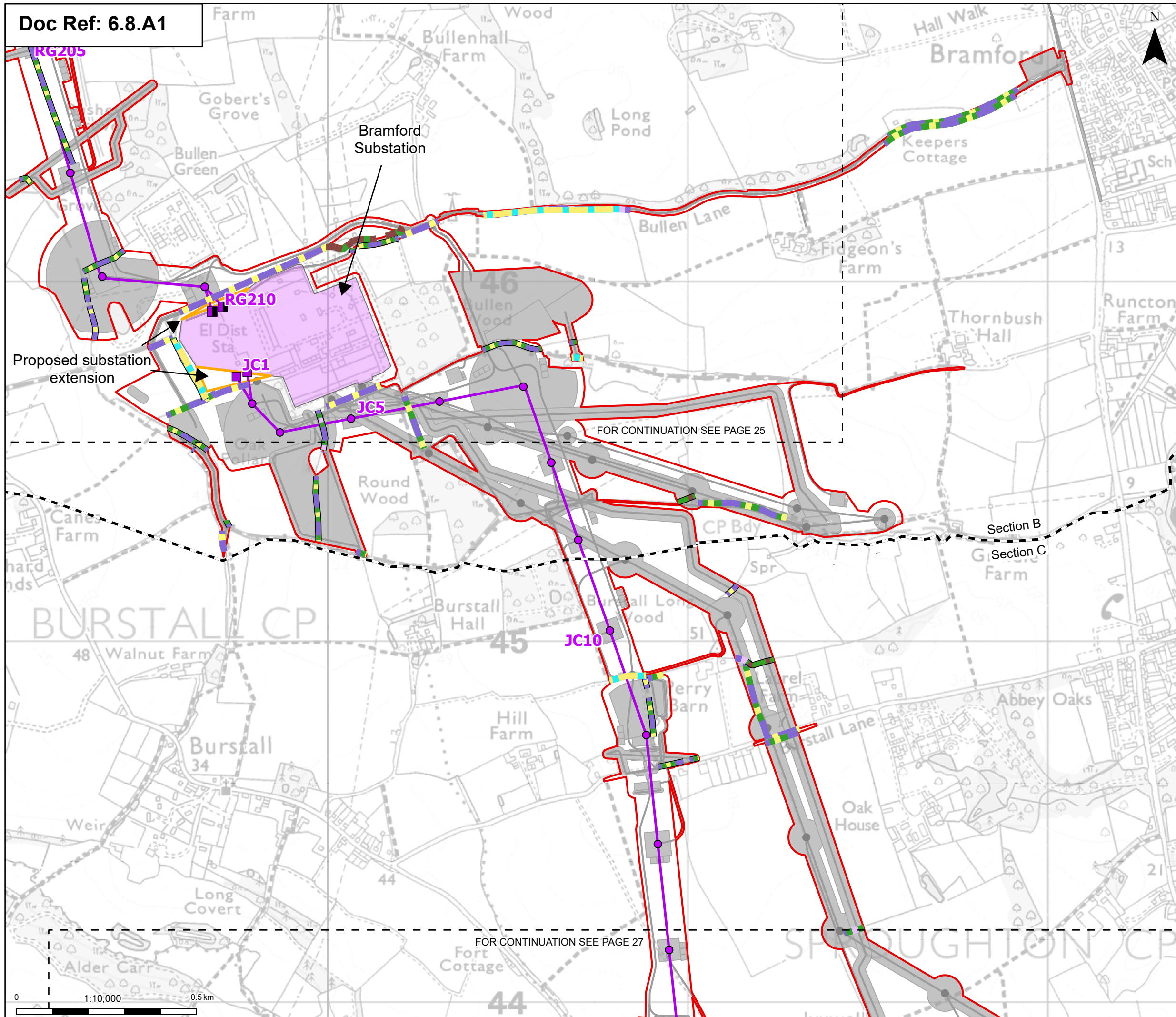
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 25 of 63

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

Suitability Description:
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision: C
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Order limits

- Sheet index outline
- Project section line

Proposed project design details

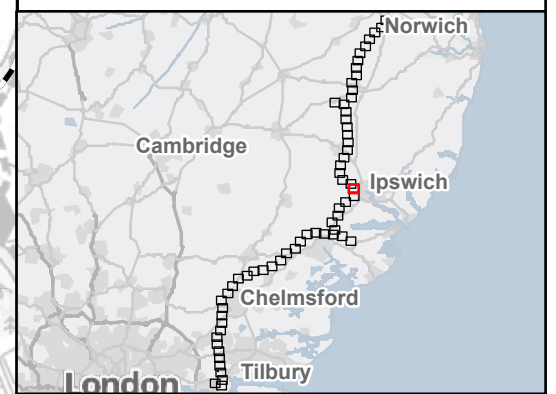
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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 bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

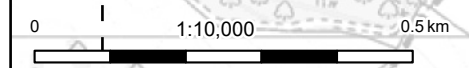
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections B and C
 Page 26 of 63

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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

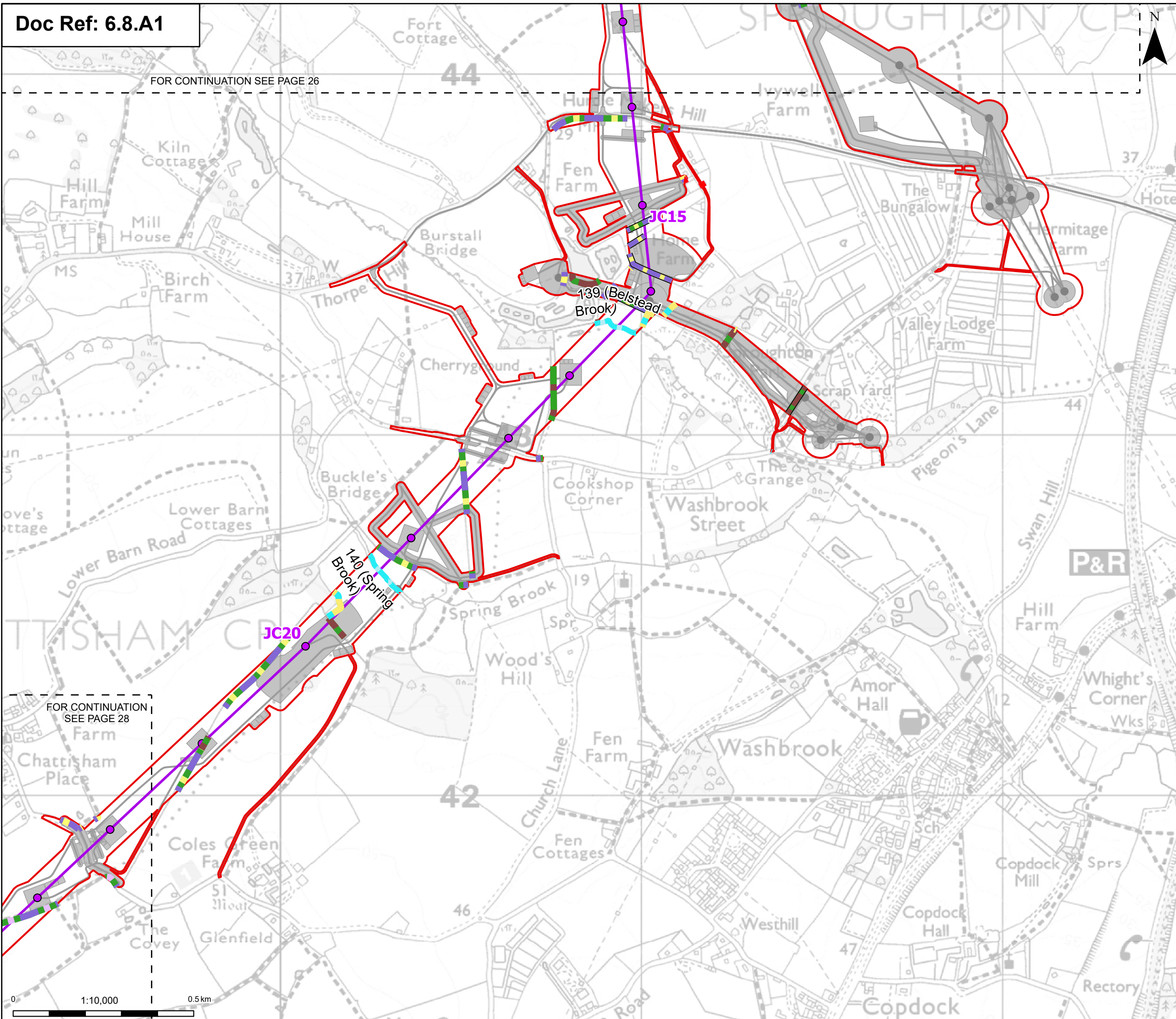
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
C

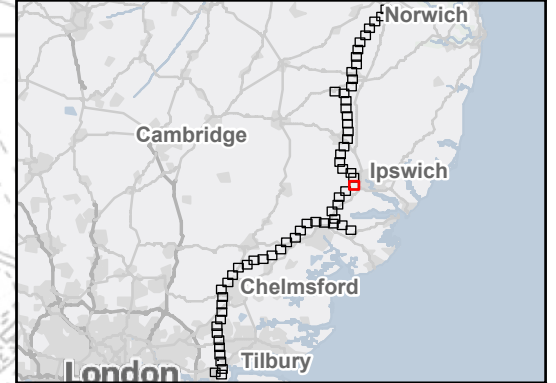


FOR CONTINUATION SEE PAGE 26



- ▬ Order limits
 - ▬ Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - ▬ Proposed overhead line alignment
 - ▬ Other temporary and permanent construction and operational works
 - 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
 - ▬ Non-native and ornamental hedgerow
 - ▬ Species-rich native hedgerow with trees
 - ▬ Line of trees - associated with bank or ditch
 - ▬ Ecologically valuable line of trees
 - ▬ Ecologically valuable line of trees - associated with bank or ditch
 - ▬ Line of trees
 - ▬ Culvert
 - ▬ Ditch
 - ▬ 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)

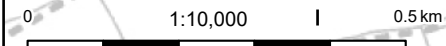
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 Page 27 of 63

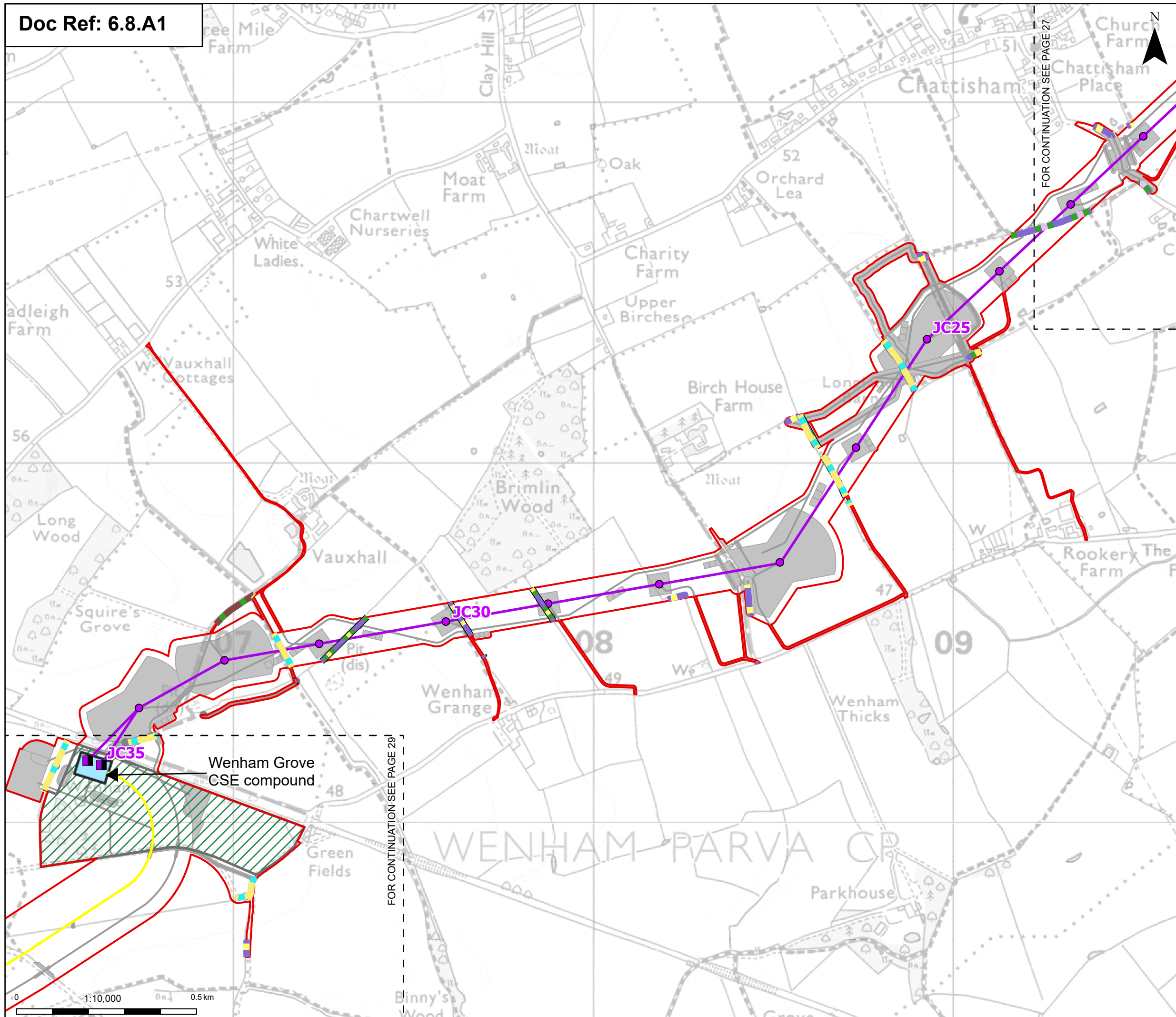
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

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
- Other temporary and permanent construction and operational works

Discipline specific constraints

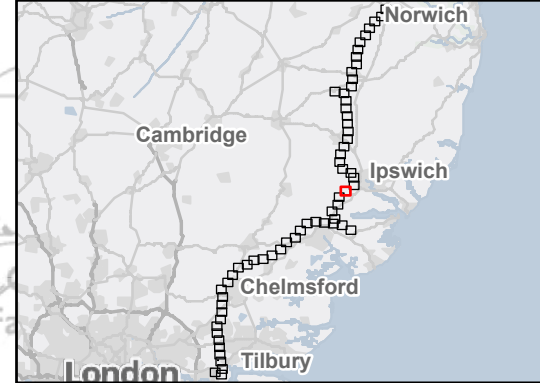
- Native hedgerow

Native hedgerow - associated with bank or ditch

- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- 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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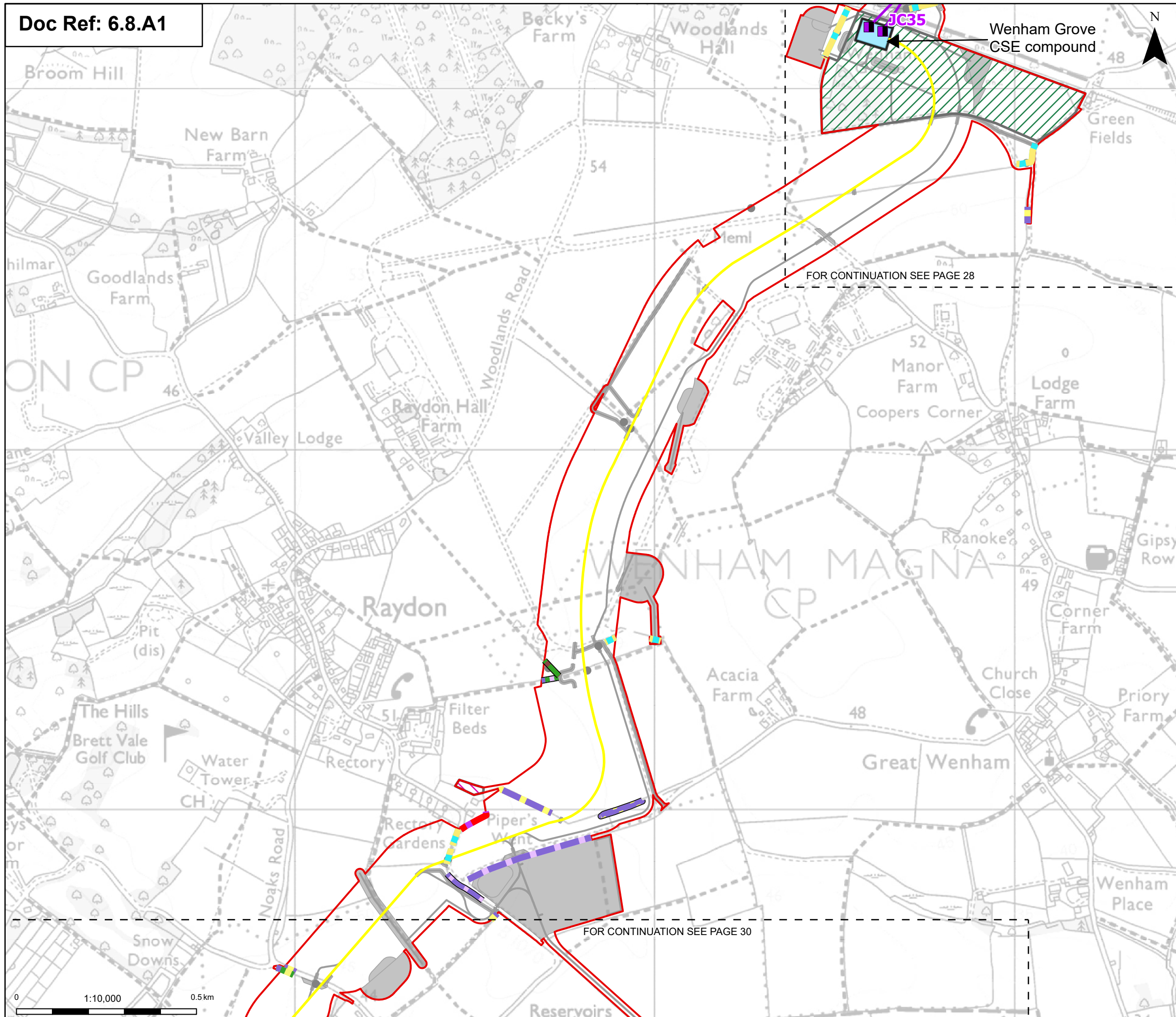
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 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section C
 Page 28 of 63

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

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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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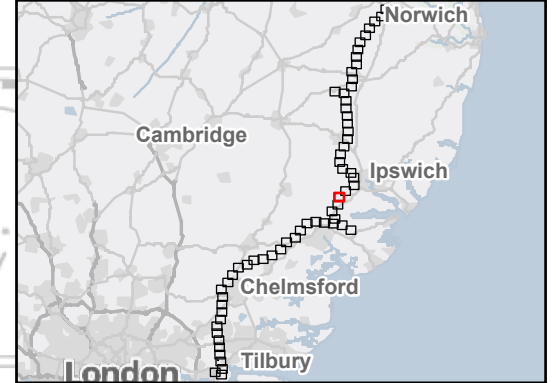
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- Sheet index outline
- Proposed full line tension gantry
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- 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)

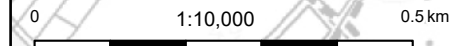
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section C
 Page 29 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Baru	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-00410

Revision:
 C



FOR CONTINUATION SEE PAGE 29

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FOR CONTINUATION SEE PAGE 31

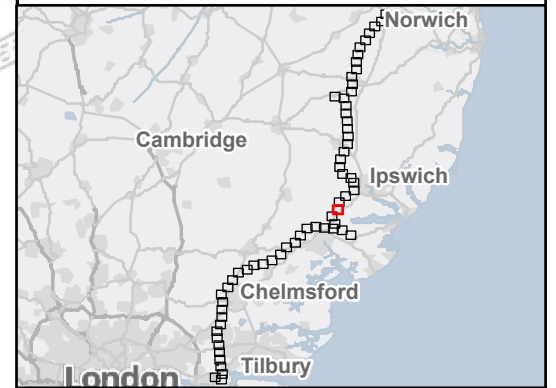
Order limits
 Proposed project design details
 Proposed underground cable alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
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 Native hedgerow
 Native hedgerow - associated with bank or ditch
 Native hedgerow with trees

Species-rich native hedgerow with trees
 Ecologically valuable line of trees
 Line of trees
 Ditch
 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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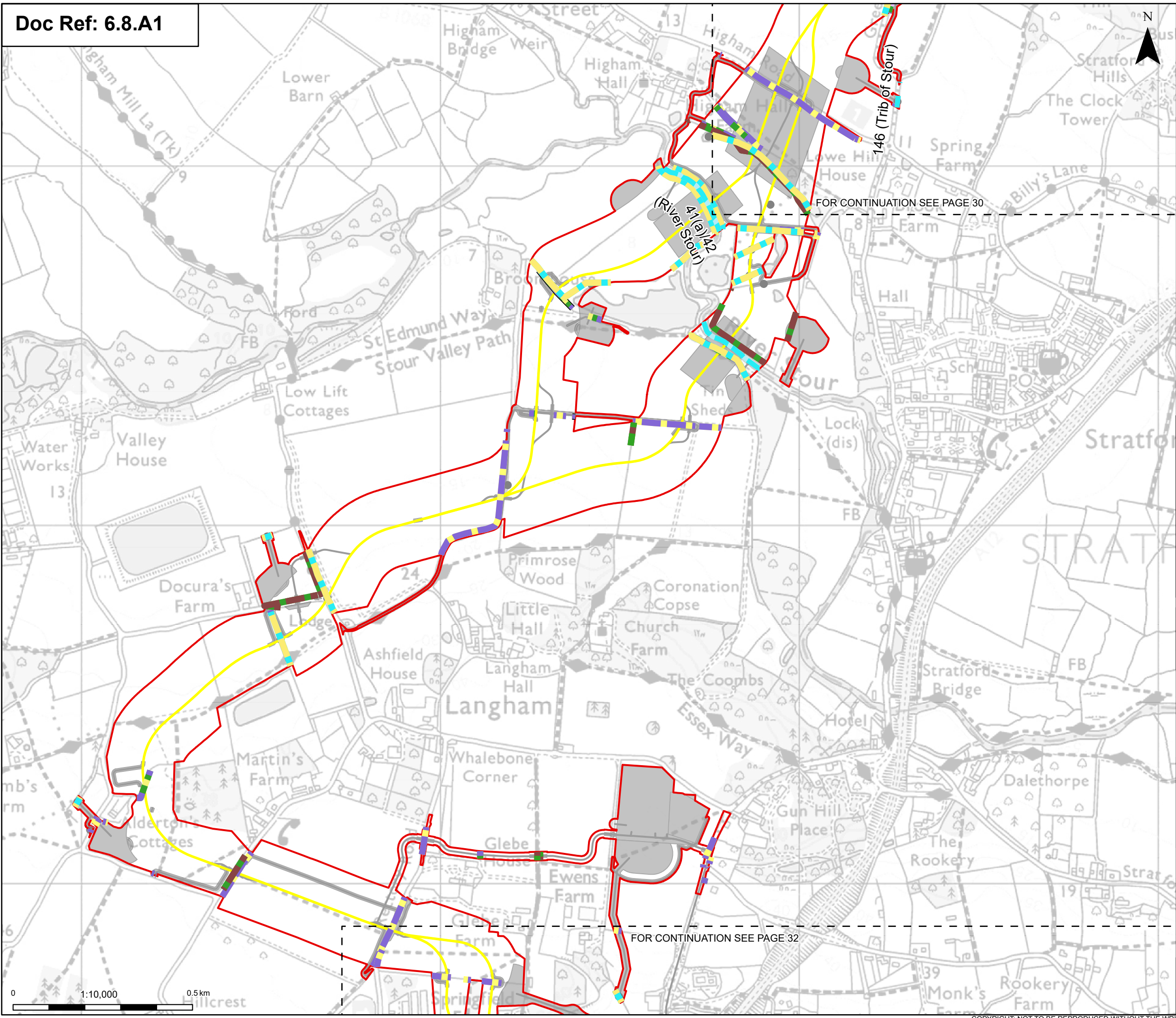
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PROJECT:
nationalgrid Norwich to Tilbury

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

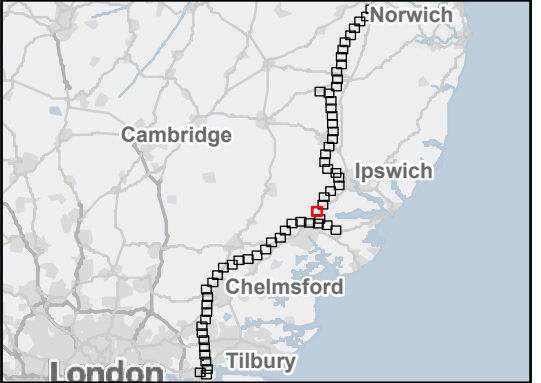
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 Section C
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410		Revision: C



- Order limits
 - Sheet index outline
 - Proposed project design details
 - Proposed underground cable alignment
 - Other temporary and permanent construction and operational works
 - 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
 - Ecologically valuable line of trees
 - Line of trees
 - Ditch
 - Priority habitat
- 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
- 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)&(I)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section C
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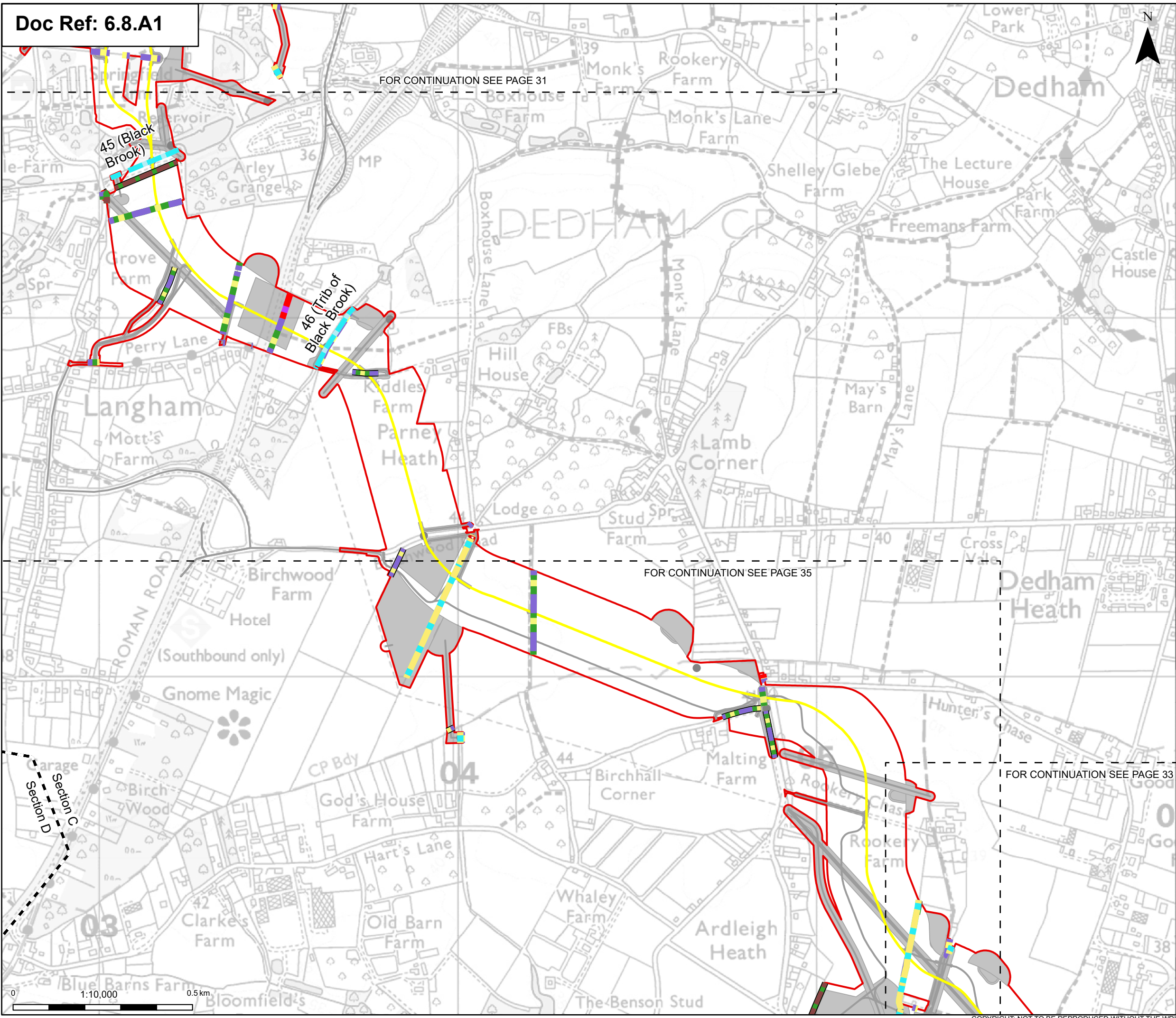
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:
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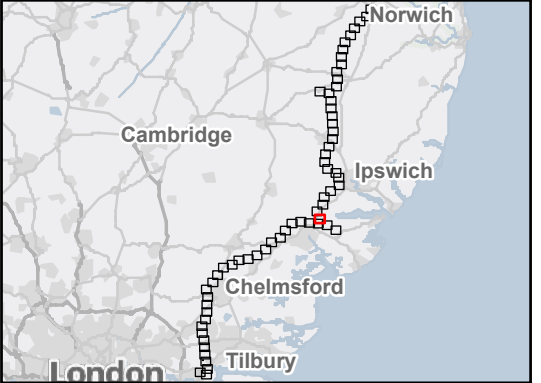
Revision:
C





- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details
 - Proposed underground cable alignment
 - Other temporary and permanent construction and operational works
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Non-native and ornamental hedgerow
 - Line of trees - associated with bank or ditch
 - Line of trees
 - Ditch
 - Priority habitat
- Discipline specific constraints**
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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

PROJECT:
nationalgrid Norwich to Tilbury

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

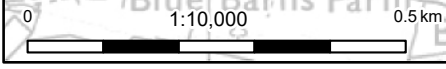
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections C and D
 Page 32 of 63

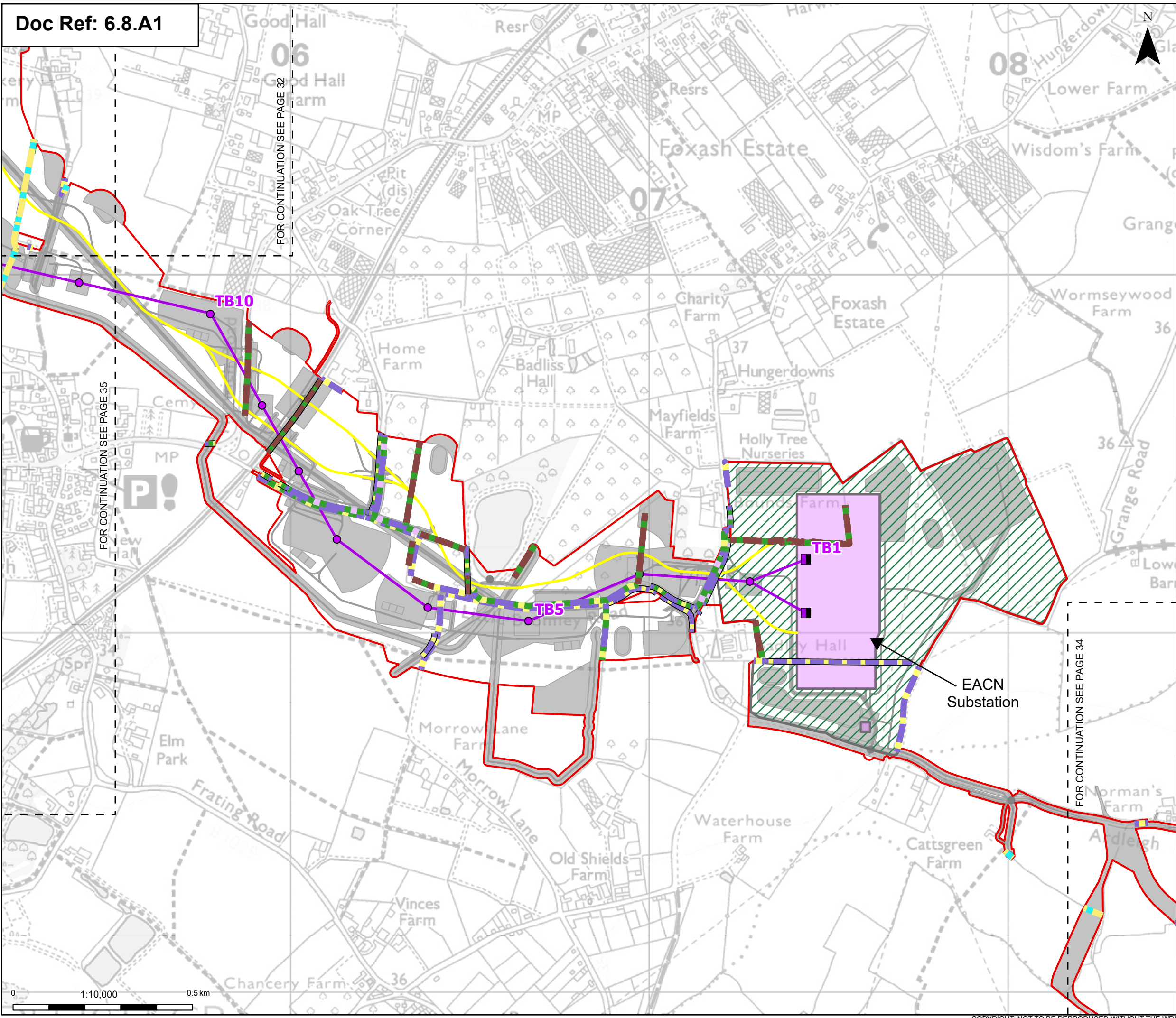
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Suitability Code:	A2	Project Number:	10059280

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Drawing Number:
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Revision:
C





Proposed project design details

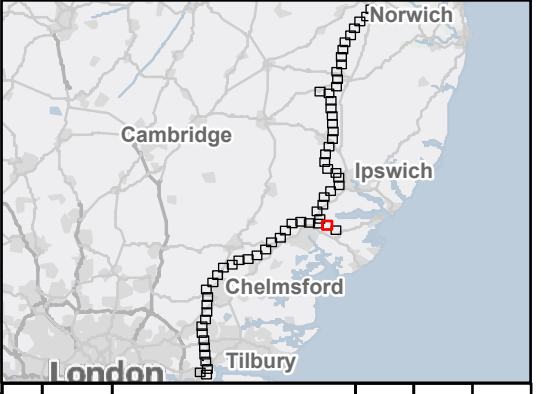
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- Sheet index cutline
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed DNO Substation
- Proposed East Anglia (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works
- 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
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

Discipline specific constraints

- 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)

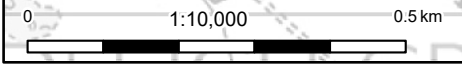
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 Section C
 Page 33 of 63

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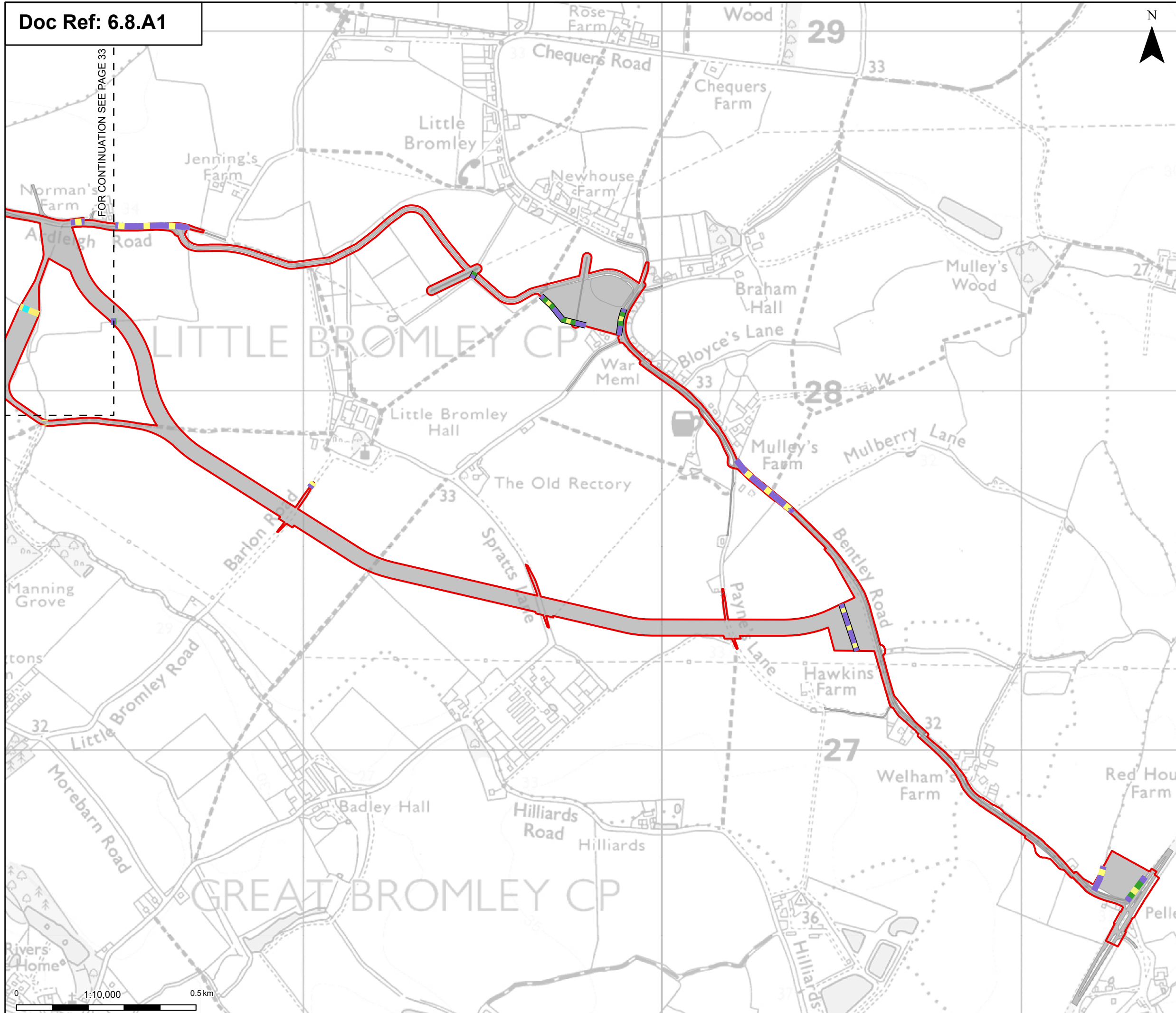
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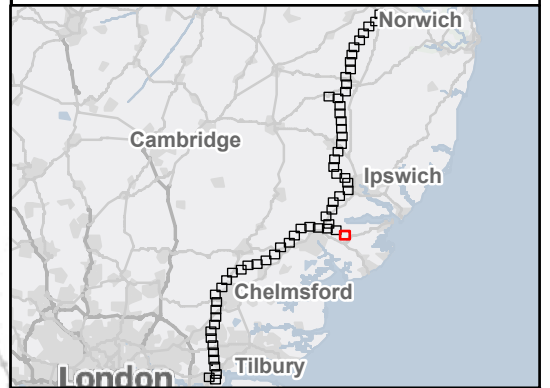


FOR CONTINUATION SEE PAGE 33



- Order limits
 - Sheet index outline
 - Proposed project design details
 - Other temporary and permanent construction and operational works
 - 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
 - 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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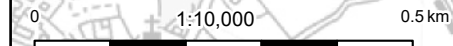
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 Planning Inspectorate App Number: EN020027
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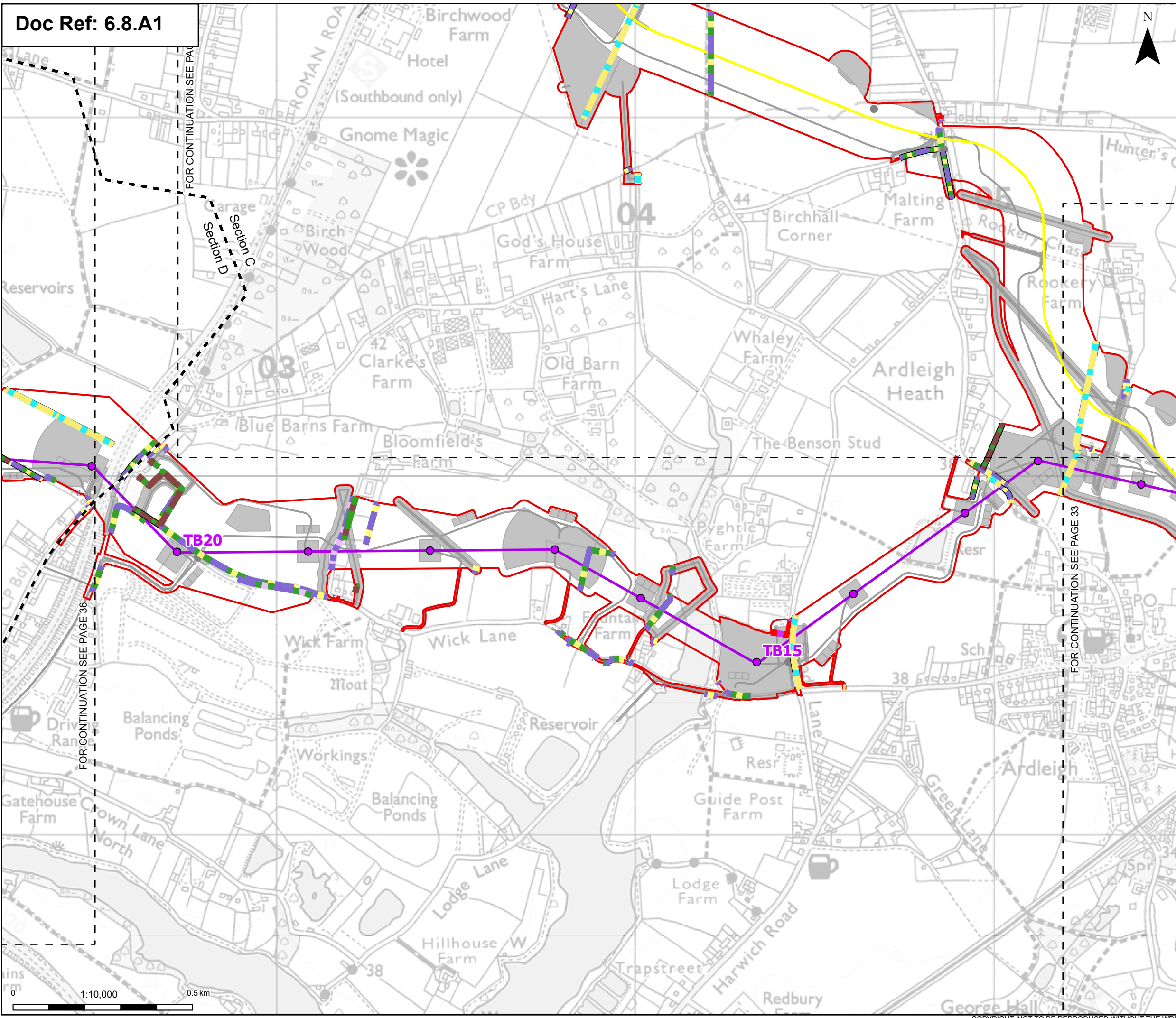
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 Page 34 of 63

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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-00410	Revision:	C
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Order limits
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 Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

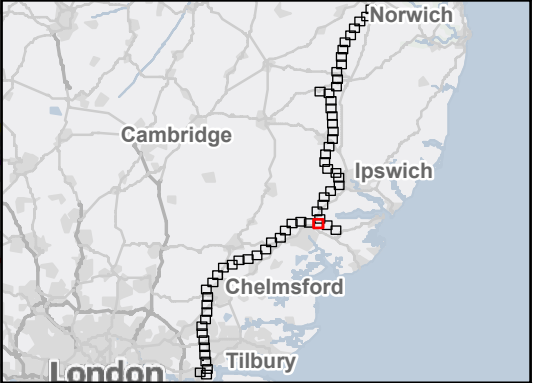
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- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Non-native and ornamental hedgerow
 Species-rich native hedgerow
 Species-rich native hedgerow with trees
 Line of trees - associated with bank or ditch
 Ecologically valuable line of trees
 Line of trees
 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)

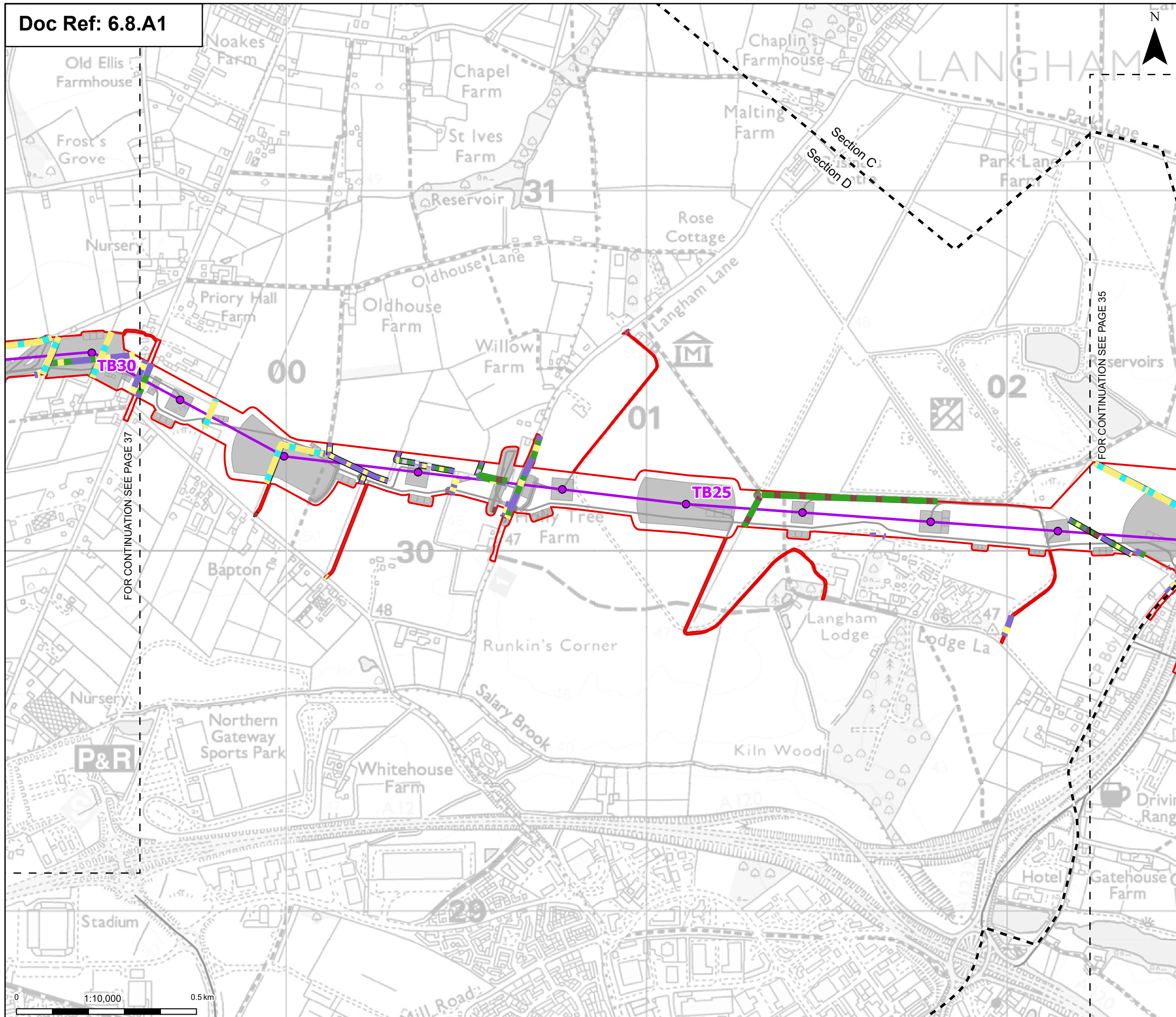
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections C and D
 Page 35 of 63

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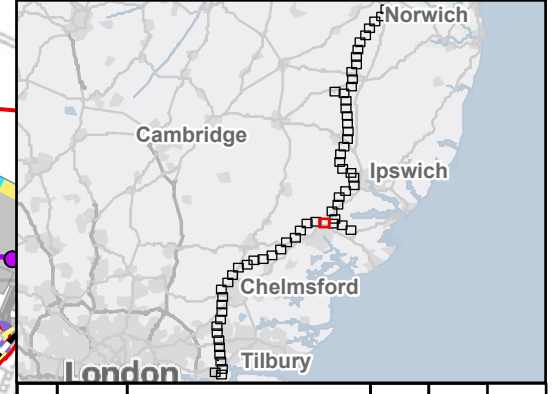
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Revision:
C



- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Line of trees - associated with bank or ditch
 - Ecologically valuable line of trees
 - Line of trees
 - 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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nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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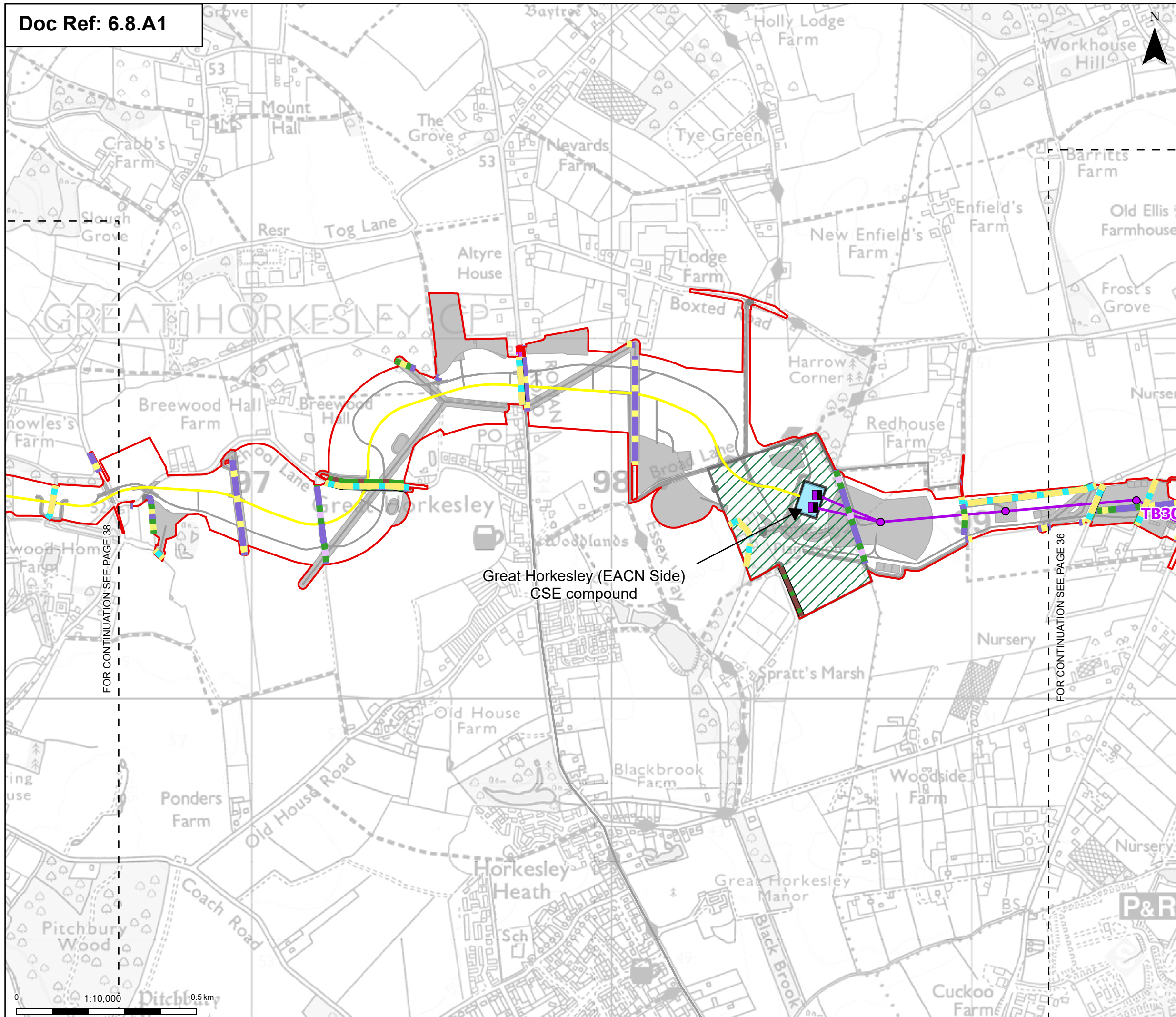
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 Page 36 of 63

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Approved	K. Burrows	Date	May 26
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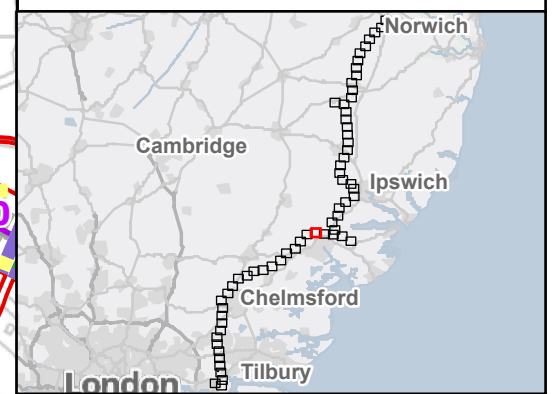
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Revision:
C



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end compound (CSEC)
 - Environmental area
 - Other temporary and permanent construction and operational works
 - 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
 - Non-native and ornamental hedgerow
 - Species-rich native hedgerow with trees
 - Line of trees - associated with bank or ditch
 - Ecologically valuable line of trees
 - 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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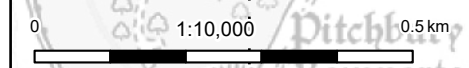
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 Page 37 of 63

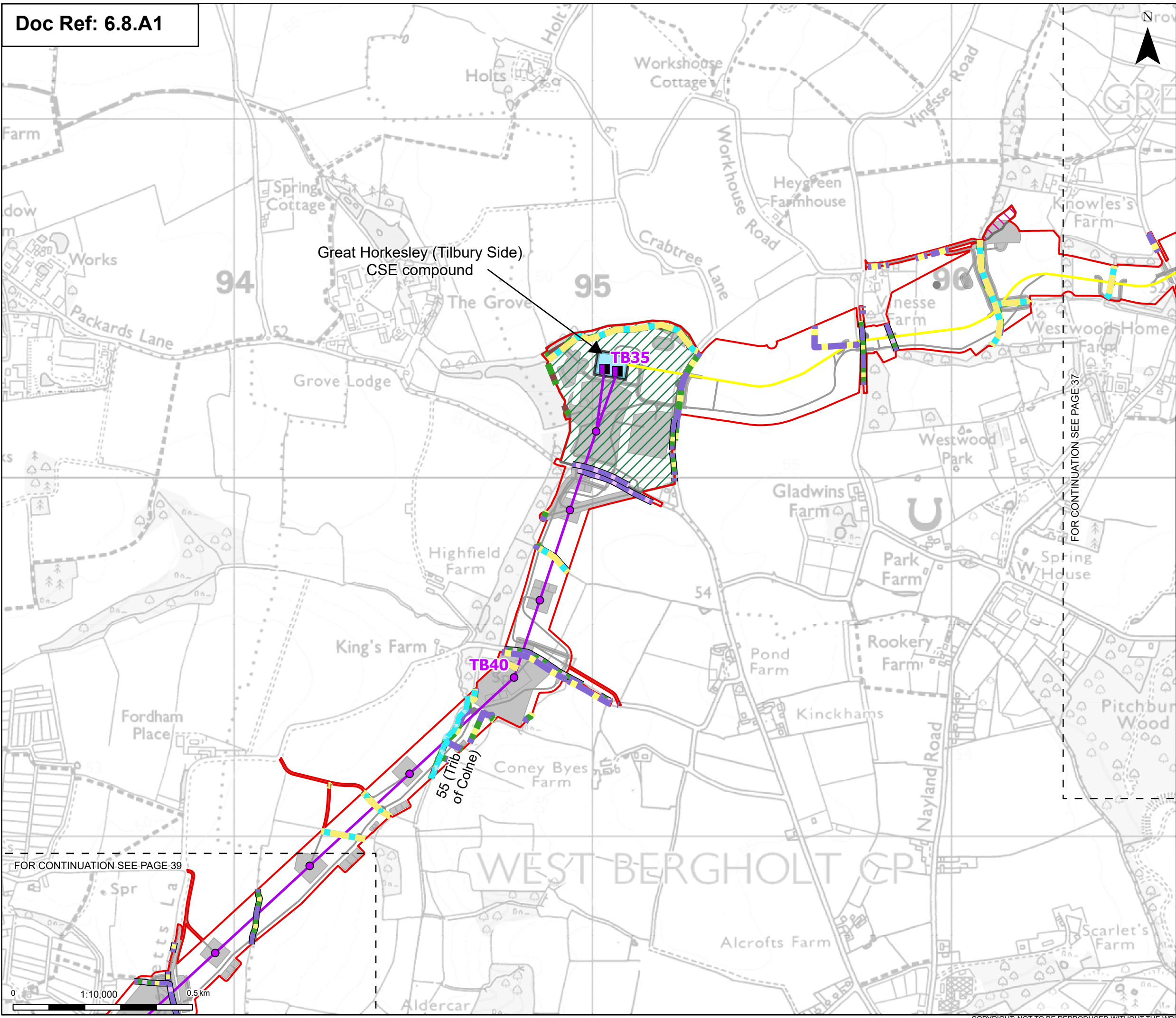
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Revision:
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Order limits

Sheet index outline

Proposed project design details

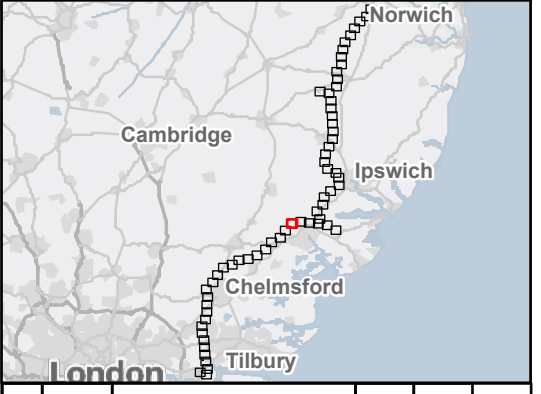
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- 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)

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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section D
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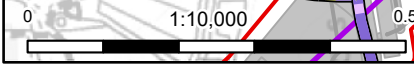
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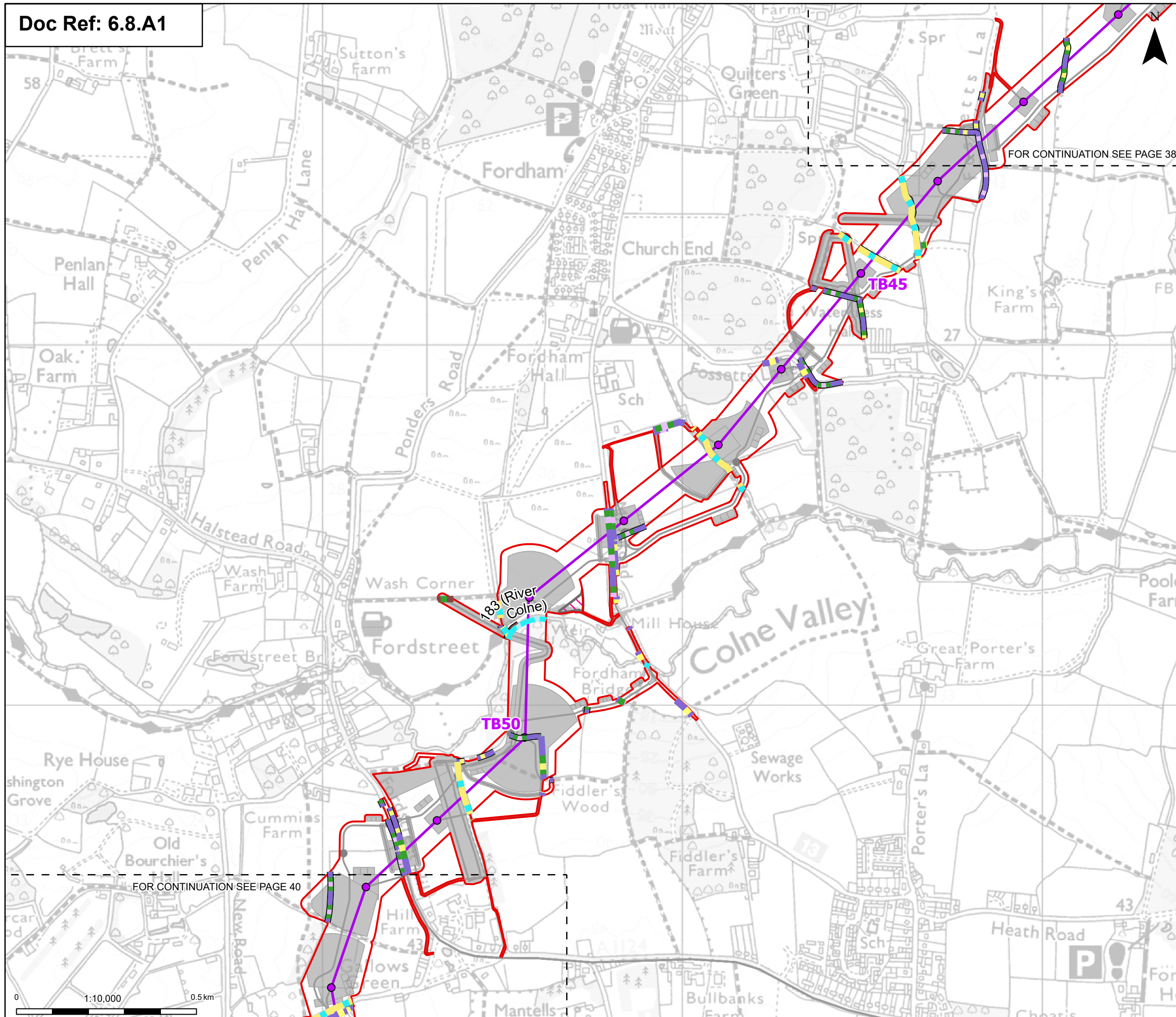
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Revision:
C

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Order limits

Sheet index outline

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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Species-rich native hedgerow

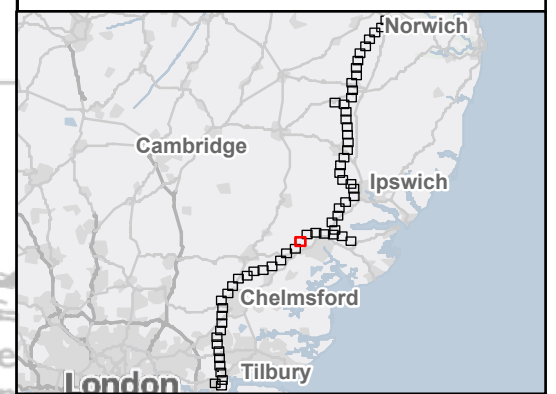
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- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

Discipline specific constraints

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

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nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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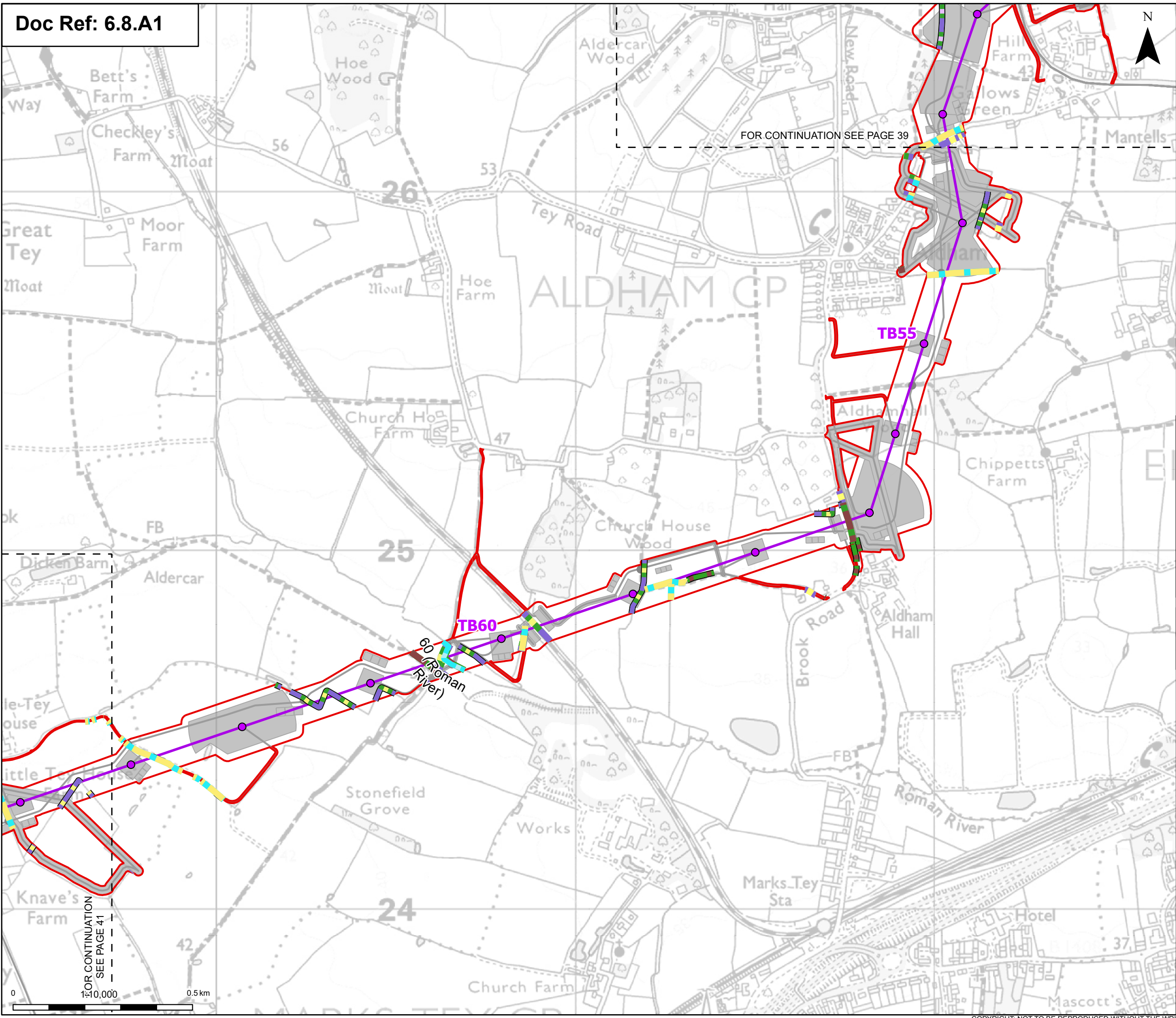
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 Section D
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Approved	K. Burrows	Date	May 26
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Suitability Description:
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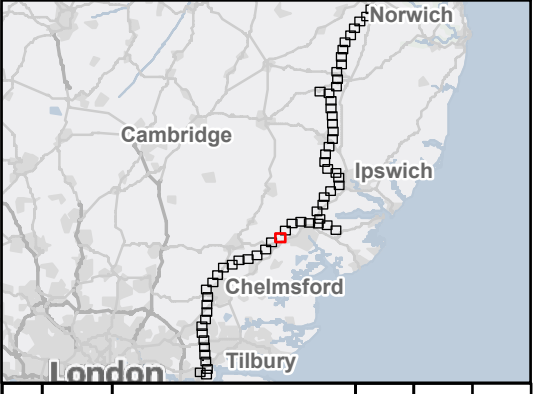
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Revision:
 C



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
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 - Ecologically valuable line of trees - associated with bank or ditch
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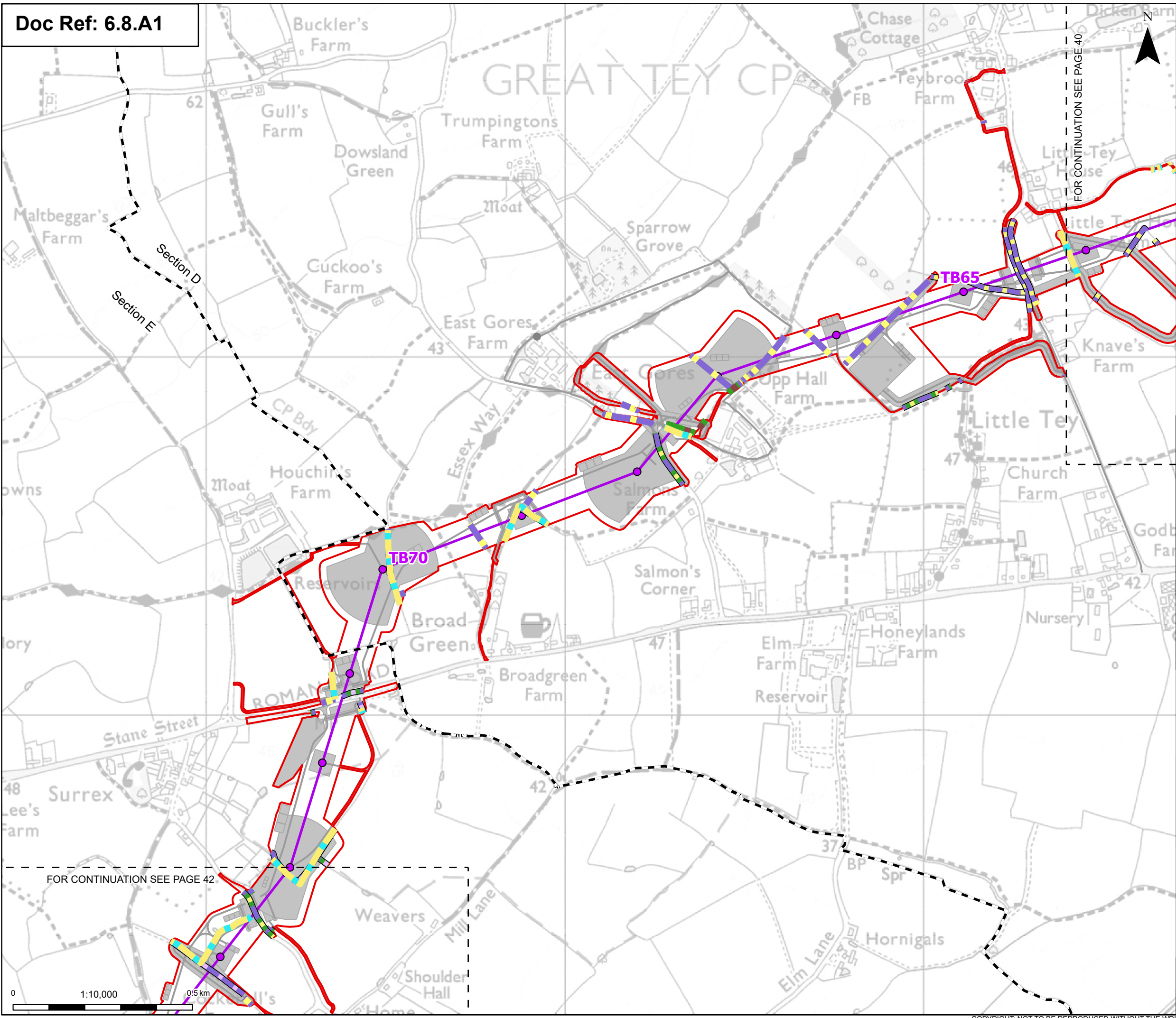
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Linear Habitat Survey Results
Section D
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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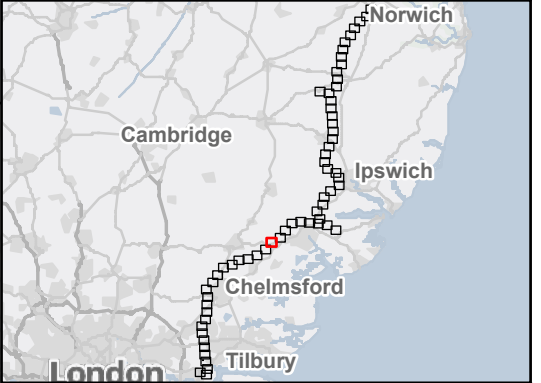
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- Order limits
- Sheet index outline
- Project section line
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
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- Ecologically valuable line of trees
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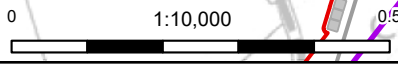
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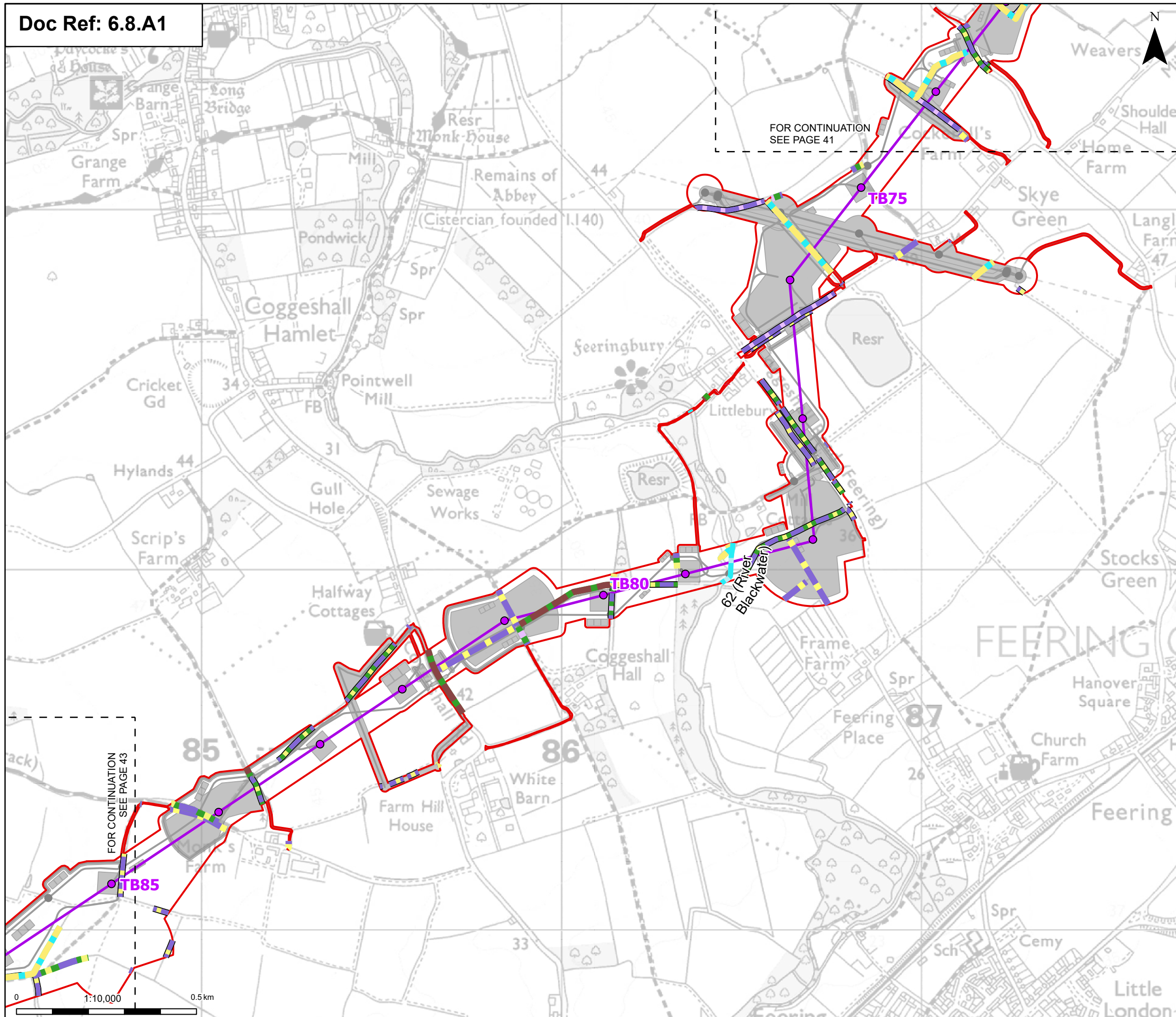
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Linear Habitat Survey Results
Sections D and E
Page 41 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision: C
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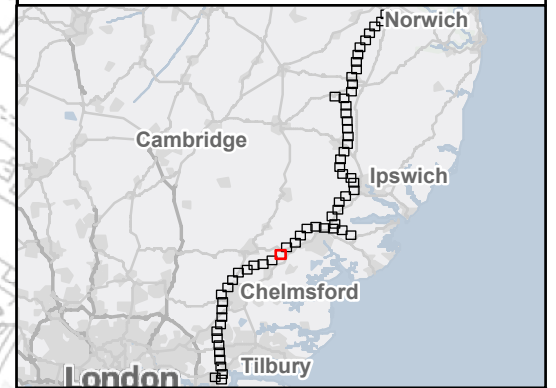


FOR CONTINUATION
SEE PAGE 41



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Non-native and ornamental hedgerow
 - Species-rich native hedgerow - associated with bank or ditch
 - Species-rich native hedgerow with trees
 - Ecologically valuable line of trees
 - Line of trees
 - Ditch
 - Priority habitat
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
 - 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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Rev	Date	Description	Drawn	Check	Approv
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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section E
Page 42 of 63

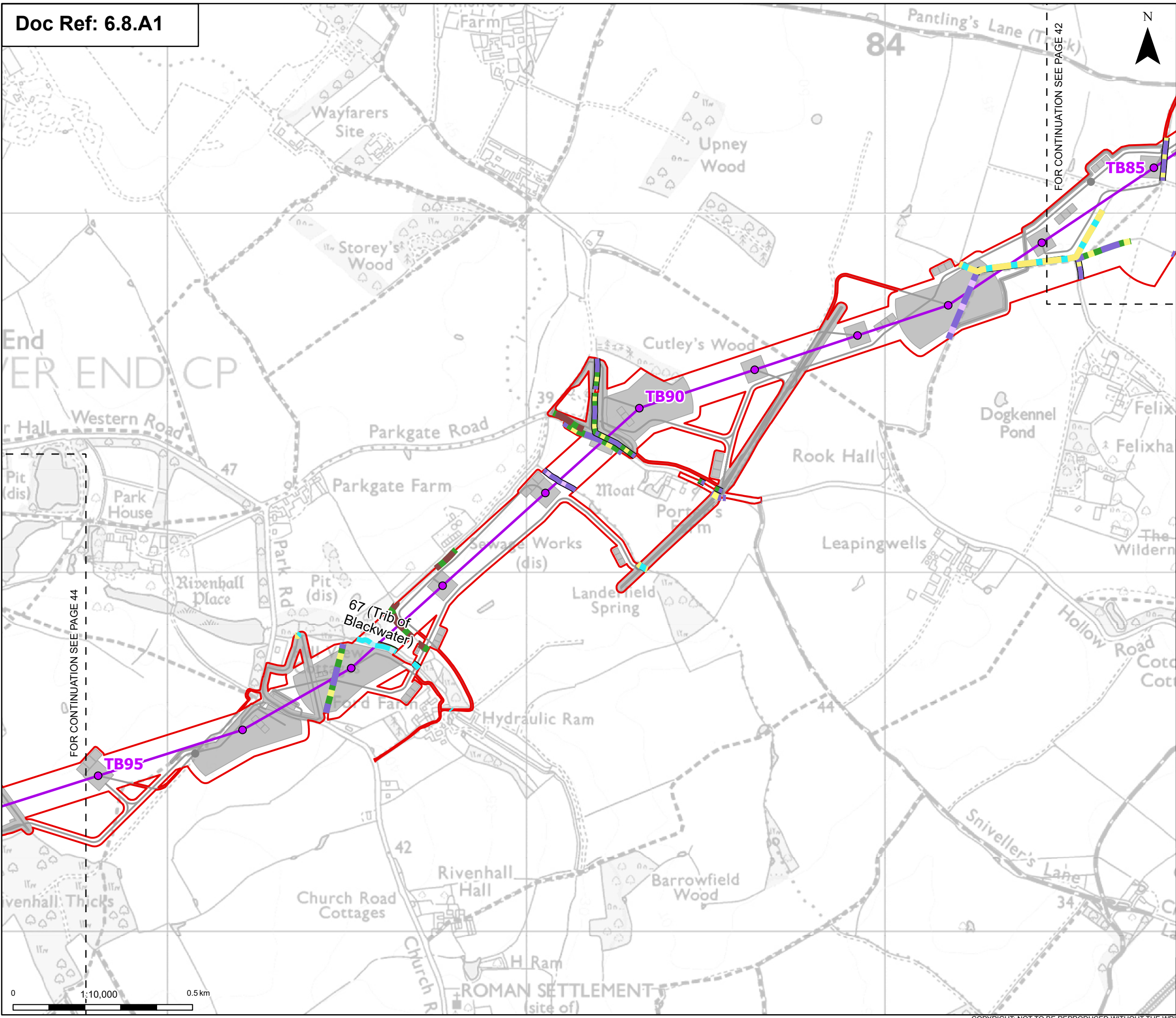
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
C





Order limits
 Sheet index outline

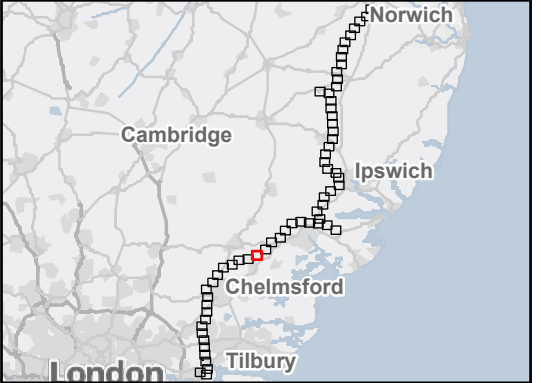
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

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

Species-rich native hedgerow
 Species-rich native hedgerow - associated with bank or ditch
 Line of trees - associated with bank or ditch
 Line of trees
 Ditch
 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)

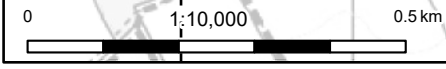
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section E
 Page 43 of 63

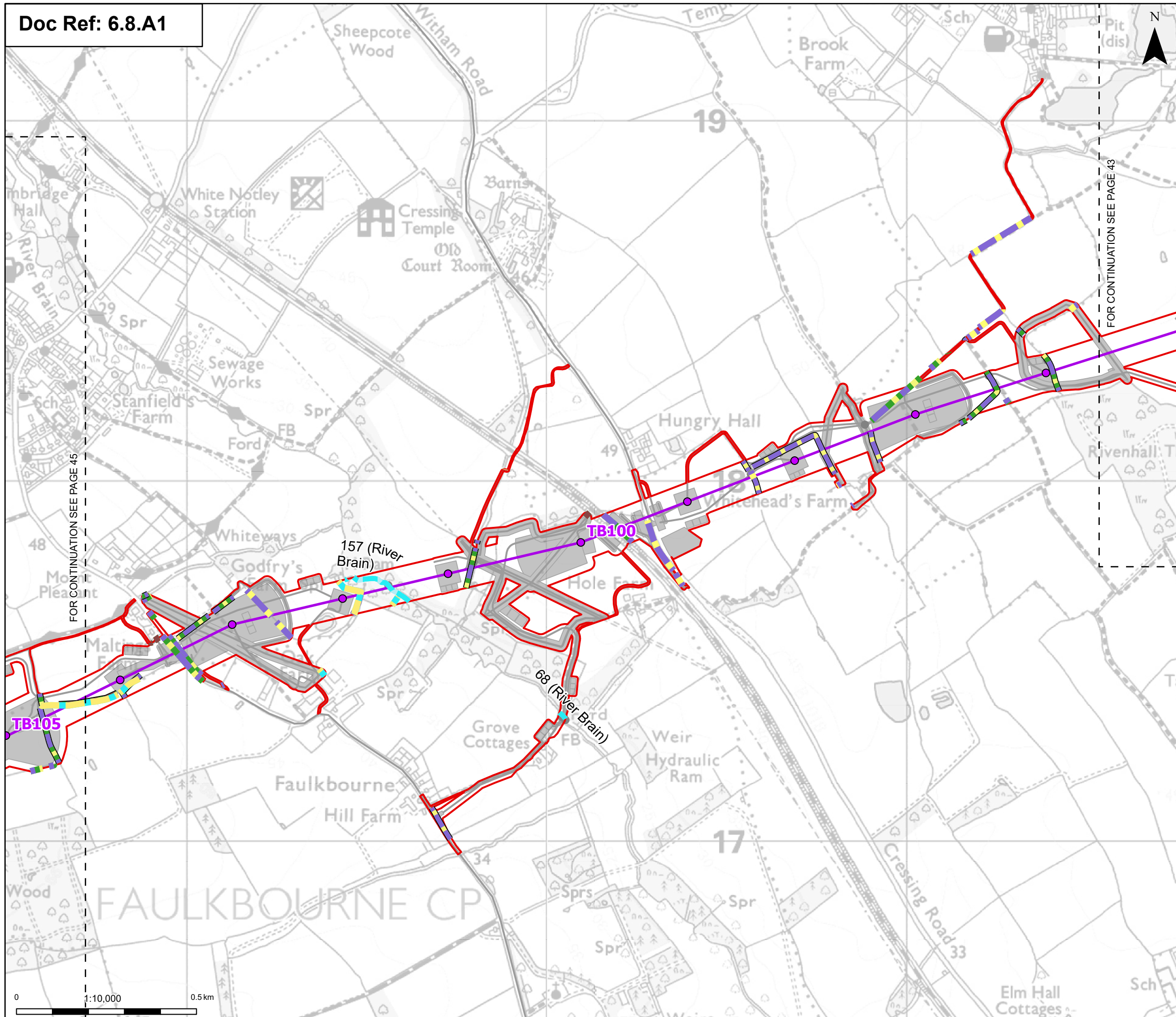
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
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Order limits

Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

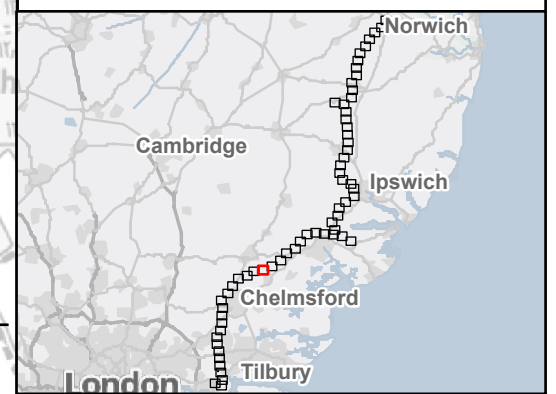
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees

Native hedgerow with trees - associated with bank or ditch

- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch
- 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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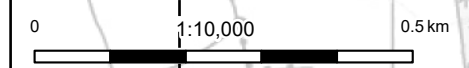
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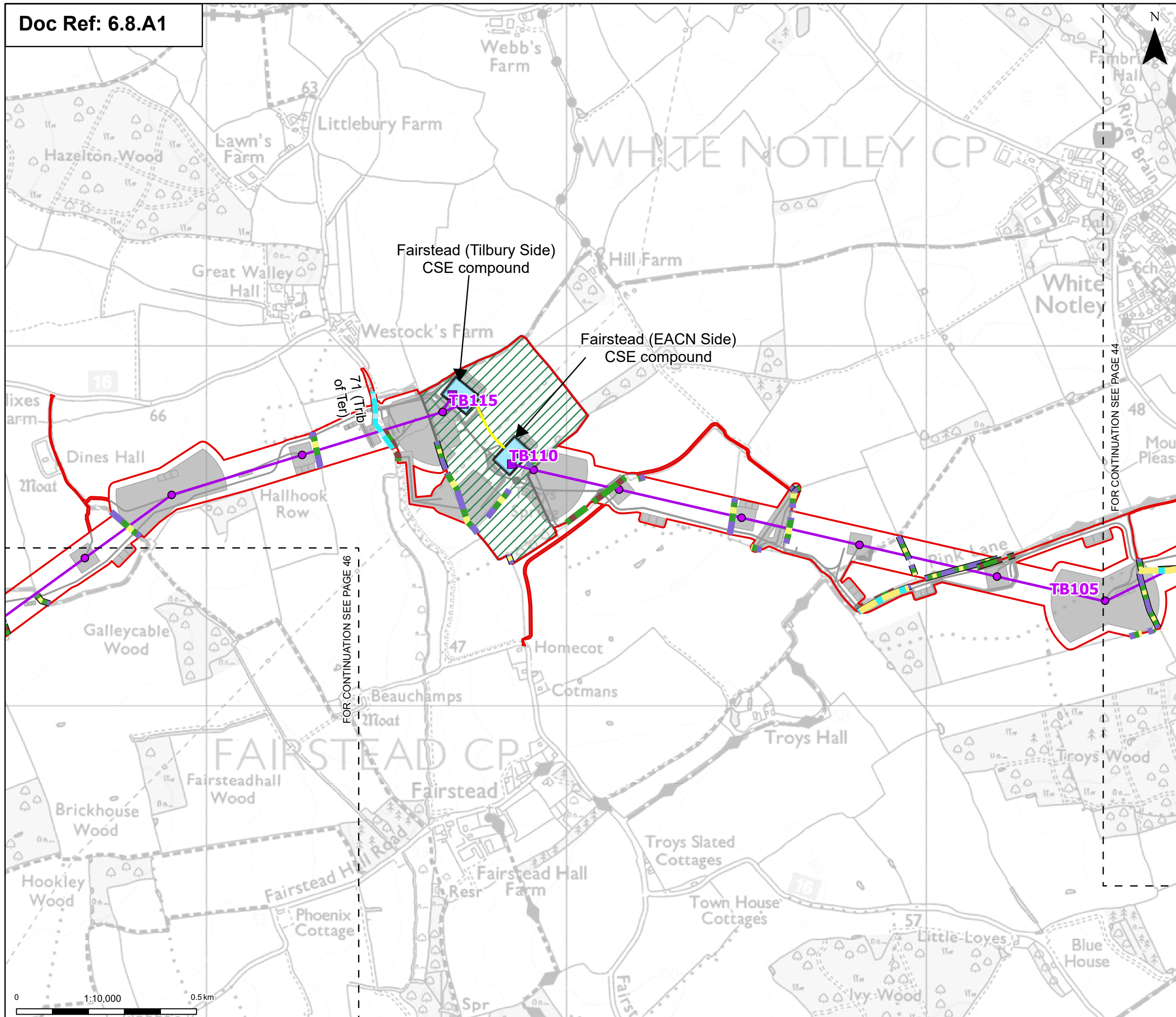
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(l)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section E
 Page 44 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-00410
 Revision: C





Order limits

- Sheet index outline

Proposed project design details

- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

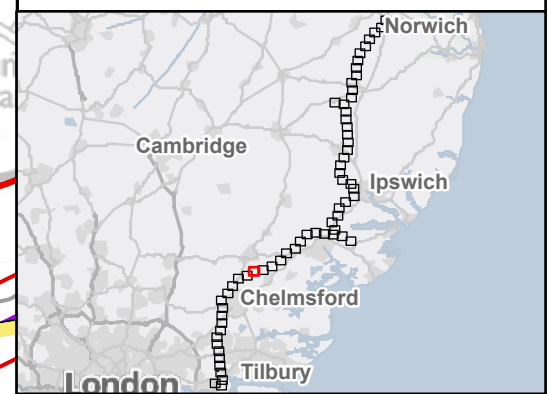
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees

Native hedgerow with trees - associated with bank or ditch

- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- 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

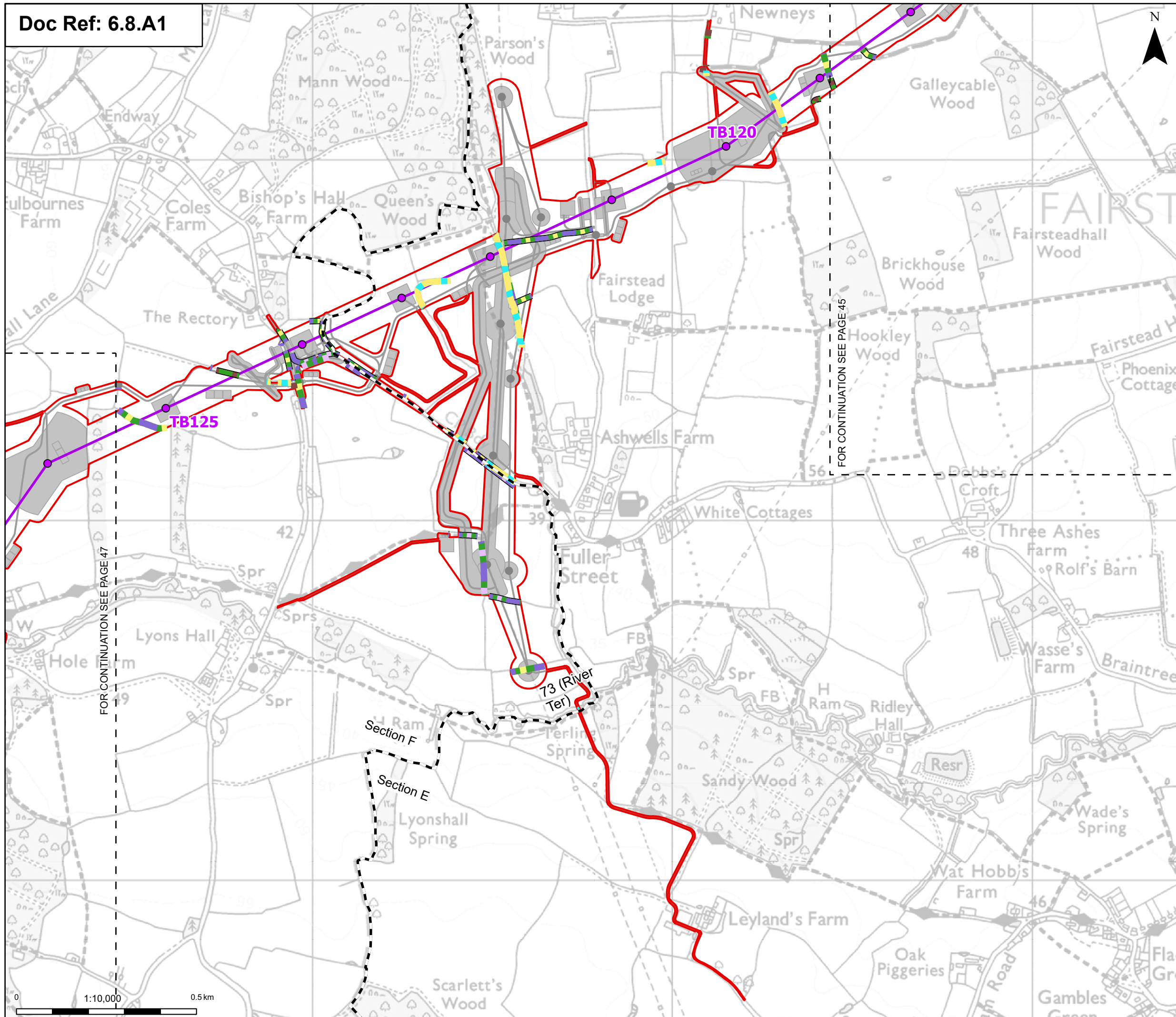
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(1)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section E
 Page 45 of 63

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

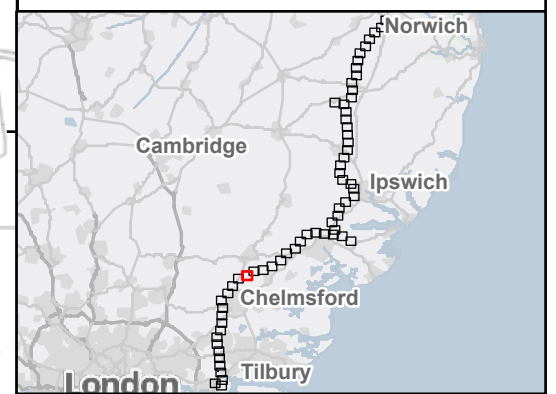
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - 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 bank or ditch
 - Species-rich native hedgerow with trees
 - Ecologically valuable line of trees - associated with bank or ditch
 - Line of trees
 - Ditch
 - 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

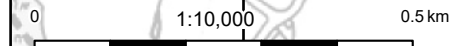
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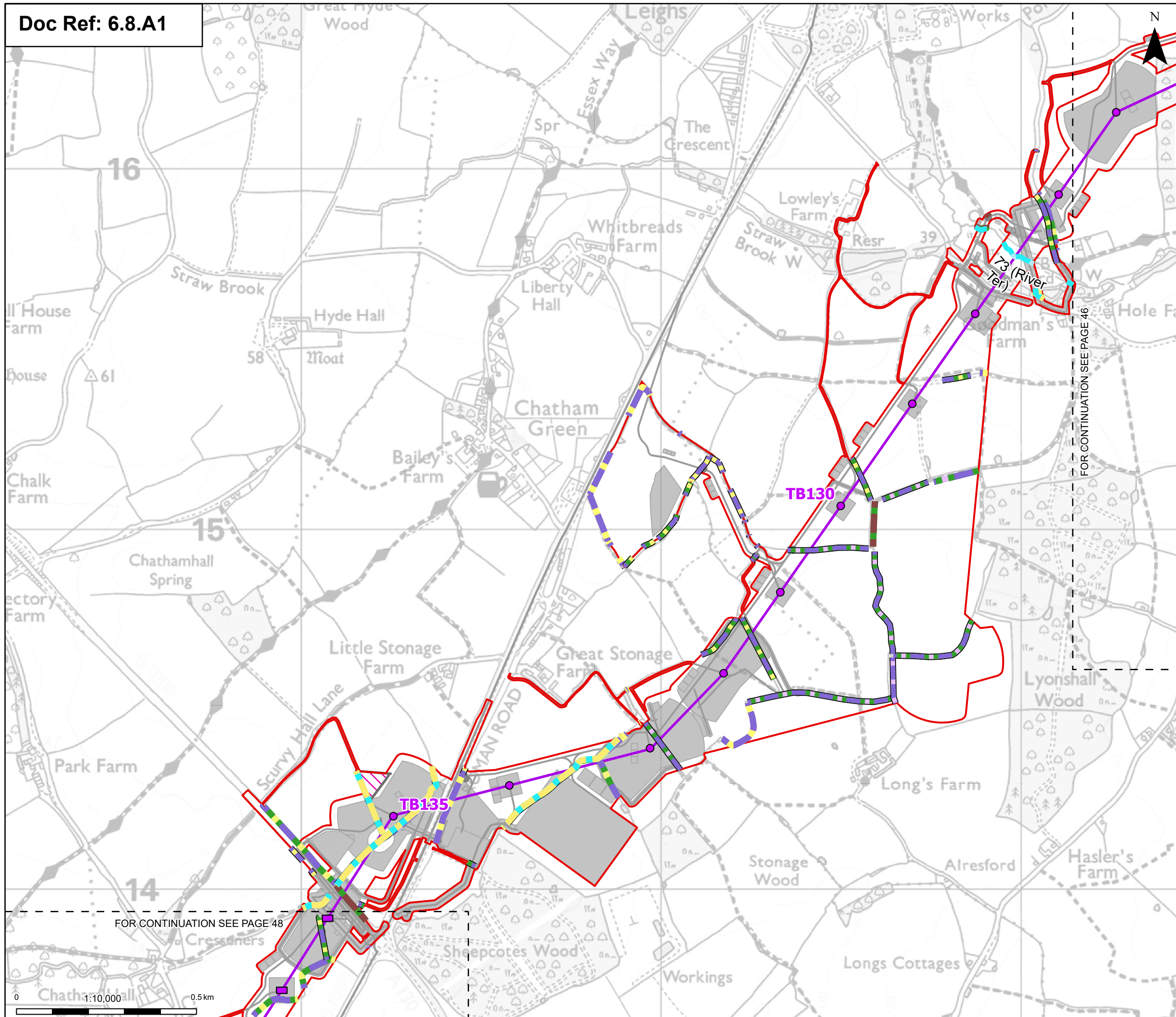
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections E and F
 Page 46 of 63

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

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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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Proposed project design details

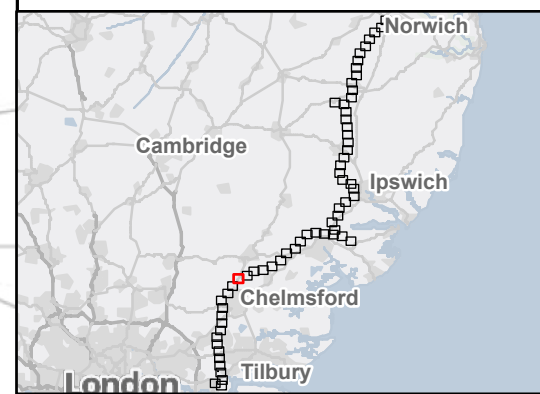
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- Ditch
- 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)

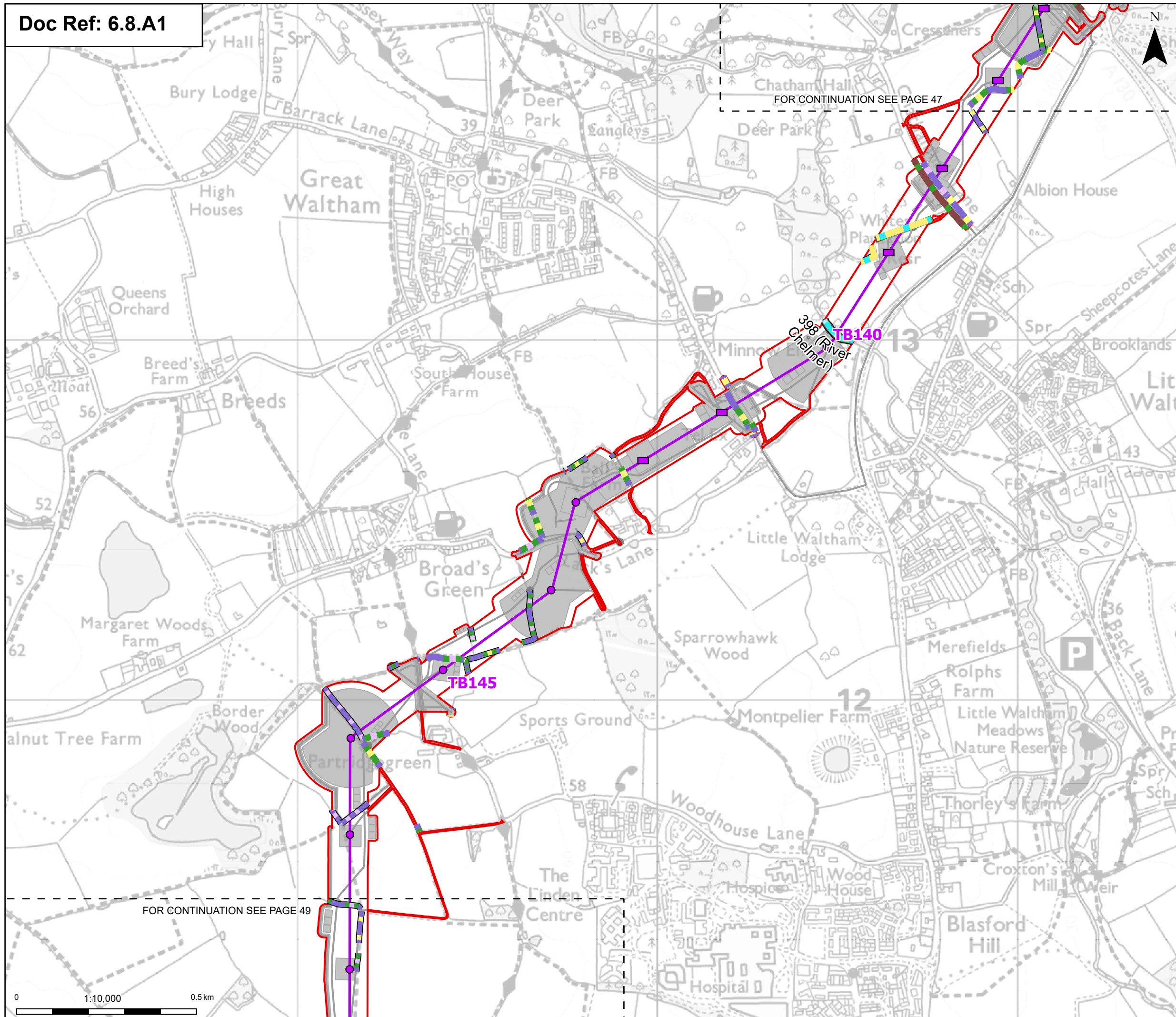
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section F
 Page 47 of 63

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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:
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Revision:
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FOR CONTINUATION SEE PAGE 47

FOR CONTINUATION SEE PAGE 49

Order limits

- Sheet index outline

Proposed project design details

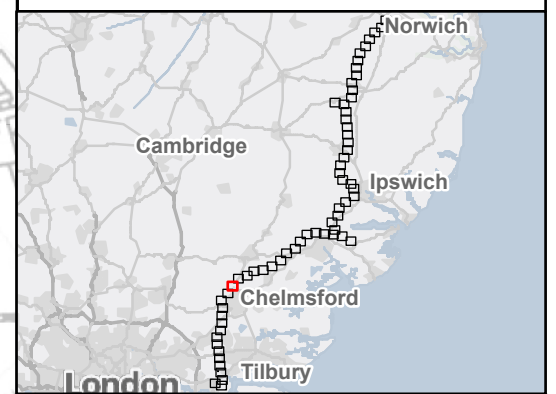
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- 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)

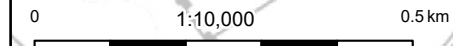
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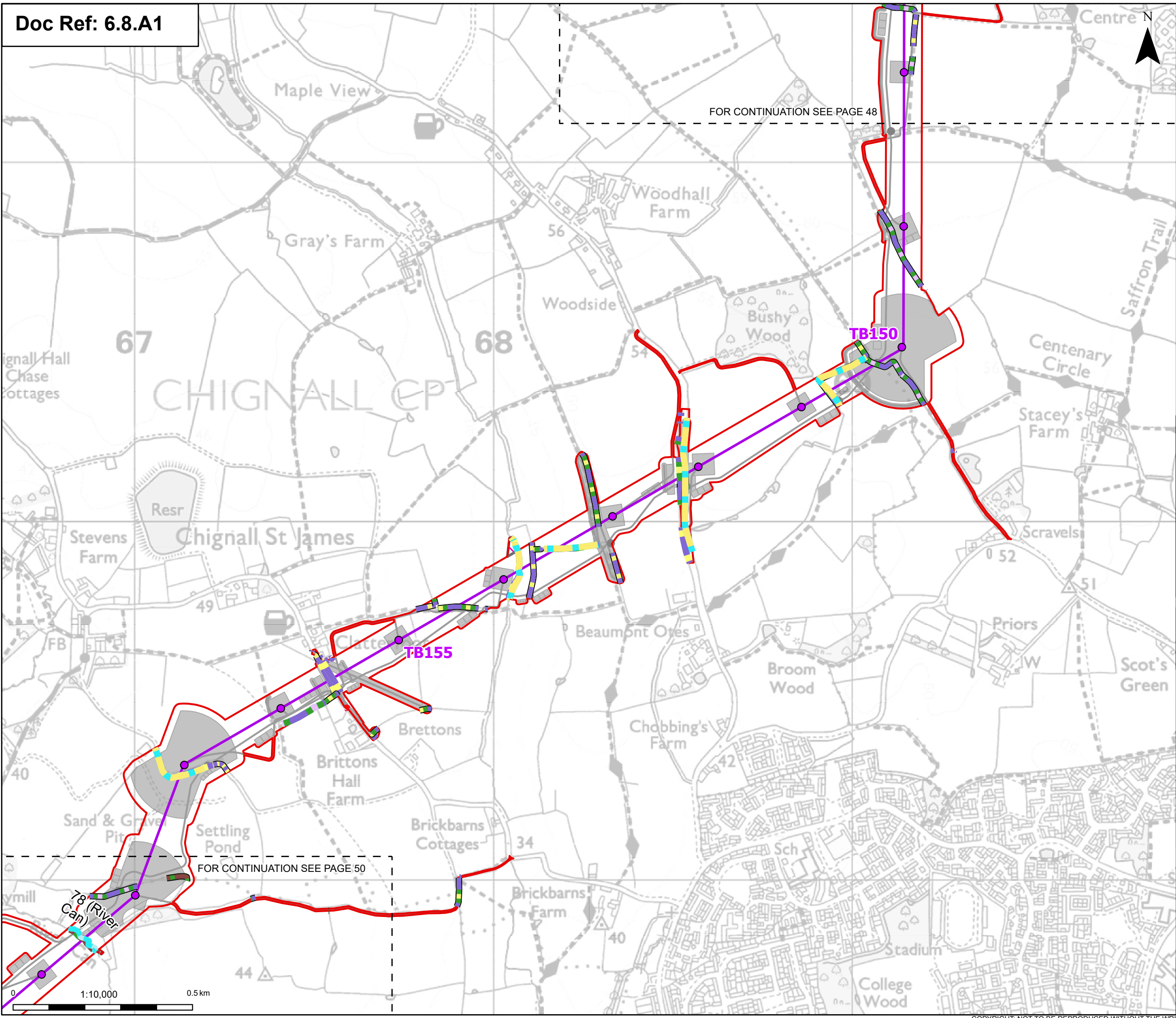
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
C





Order limits
 Sheet index outline

Proposed project design details

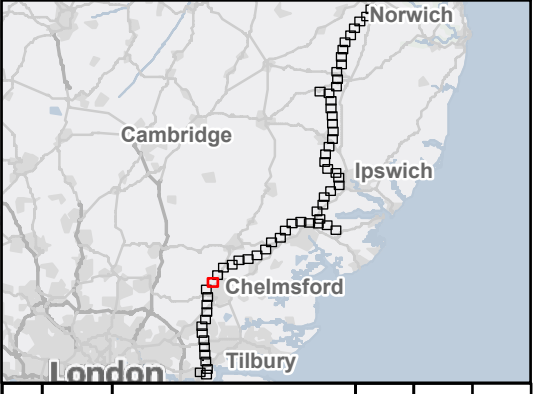
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- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- 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)

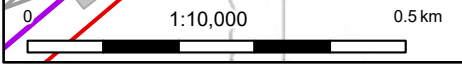
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 Page 49 of 63

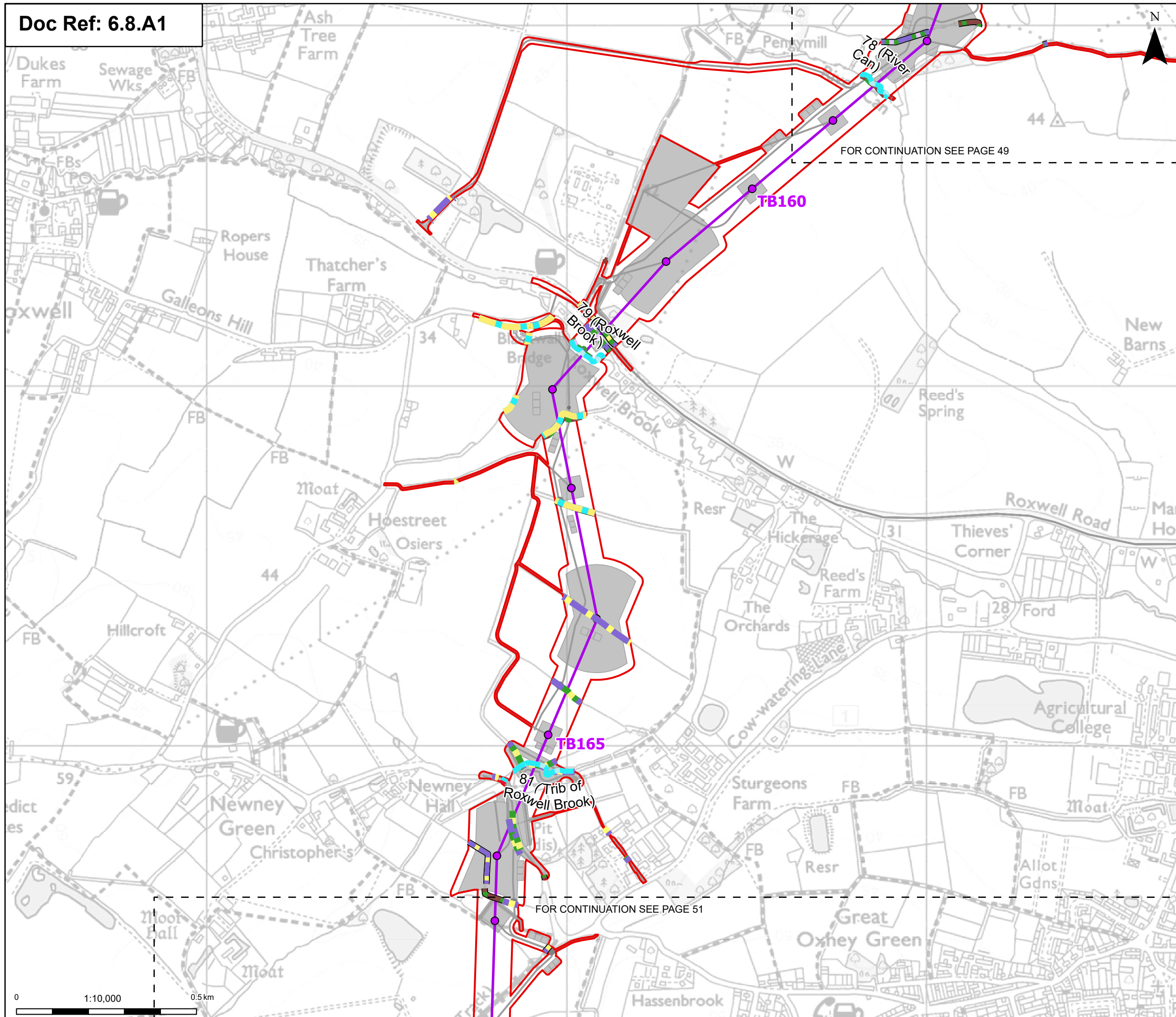
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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Drawing Number:
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Revision:
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Proposed project design details

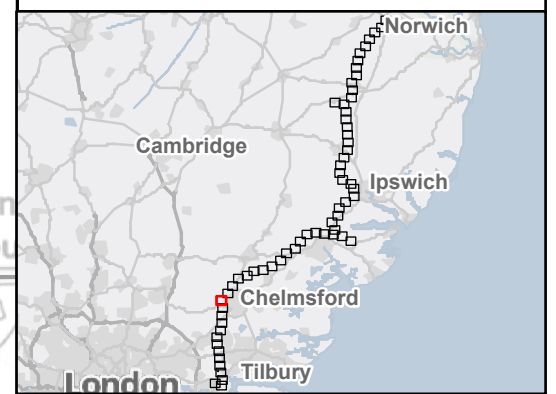
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- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Culvert
- Ditch
- Priority habitat

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with 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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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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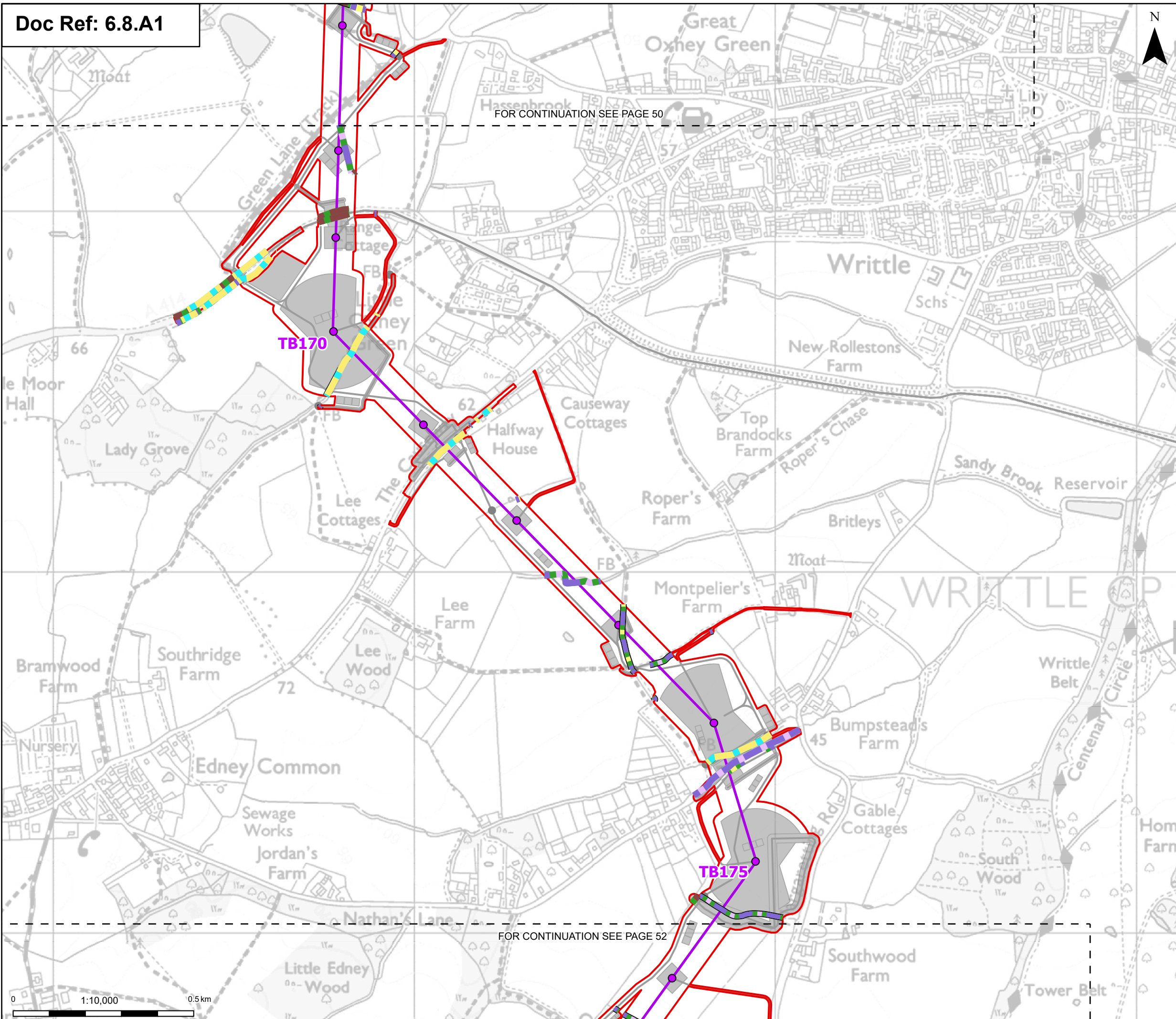
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 Section F
 Page 50 of 63

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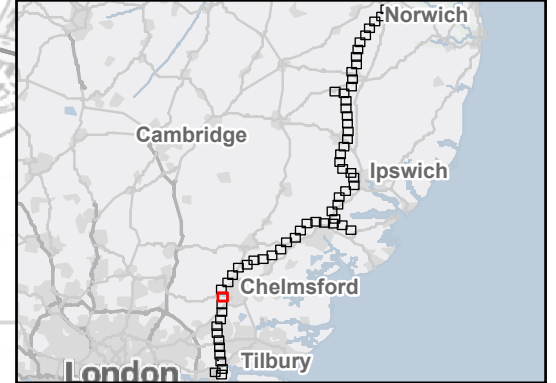
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Revision:
 C



- Order limits
 - Sheet index outline
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Species-rich native hedgerow
 - Species-rich native hedgerow with trees
 - Line of trees - associated with bank or ditch
 - Ecologically valuable line of trees
 - Line of trees
 - Ditch
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with 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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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

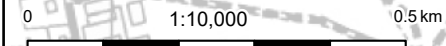
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 Regulation 5(2)(a)&(l)(ii)

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 Section F
 Page 51 of 63

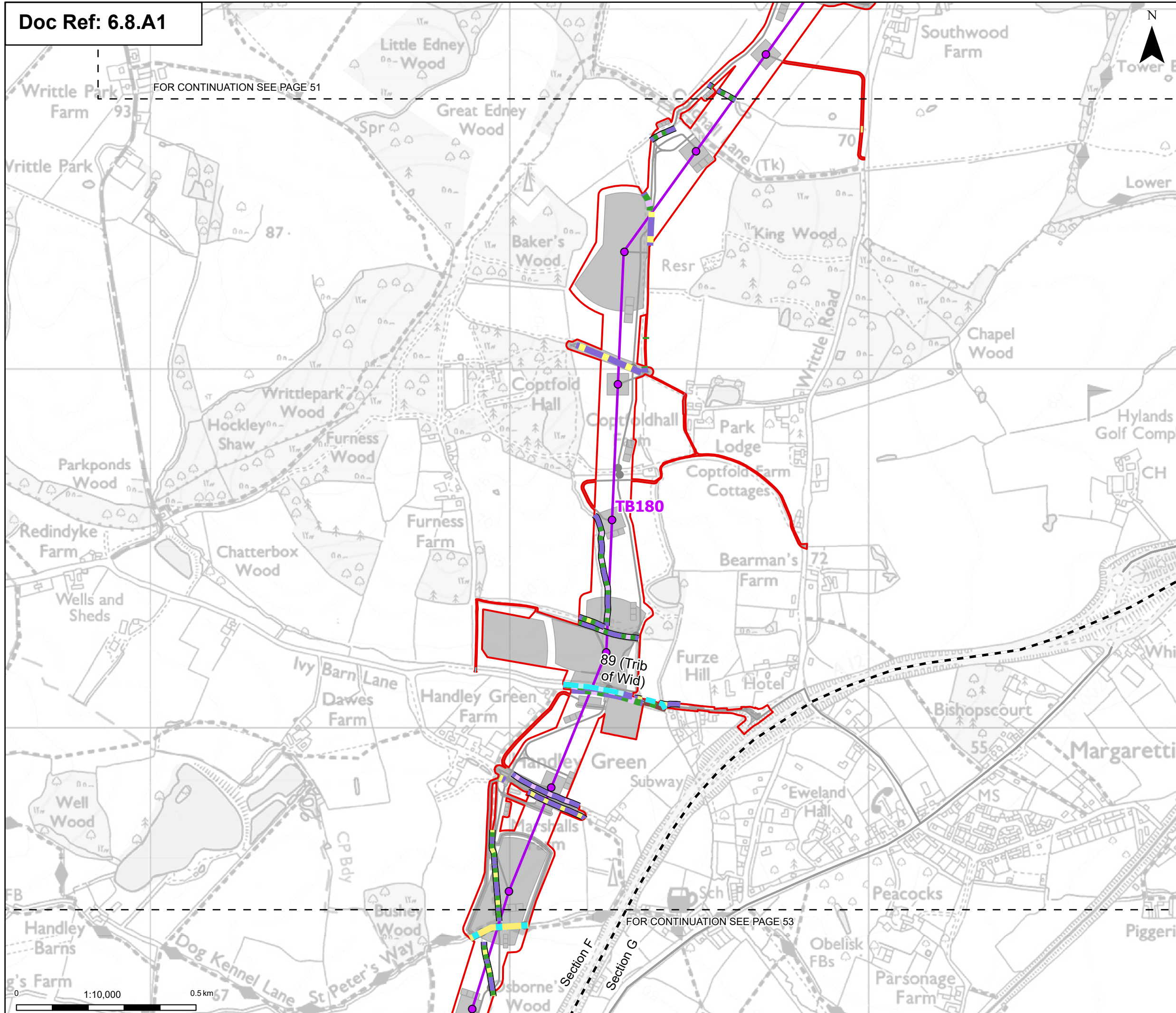
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Drawn	N.Banu	Date	May 26
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Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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FOR CONTINUATION SEE PAGE 51



FOR CONTINUATION SEE PAGE 53

Order limits
 Sheet index outline
 Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

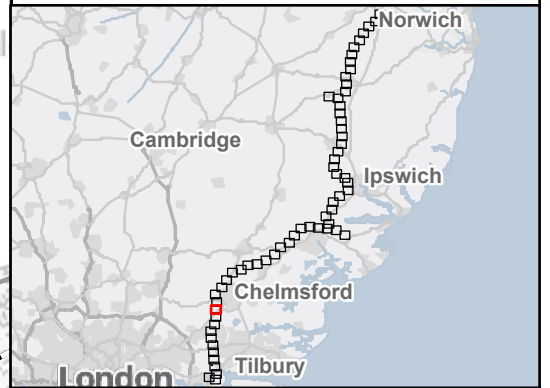
Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- Ecologically valuable line of trees
- Line of trees
- Ditch
- 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	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

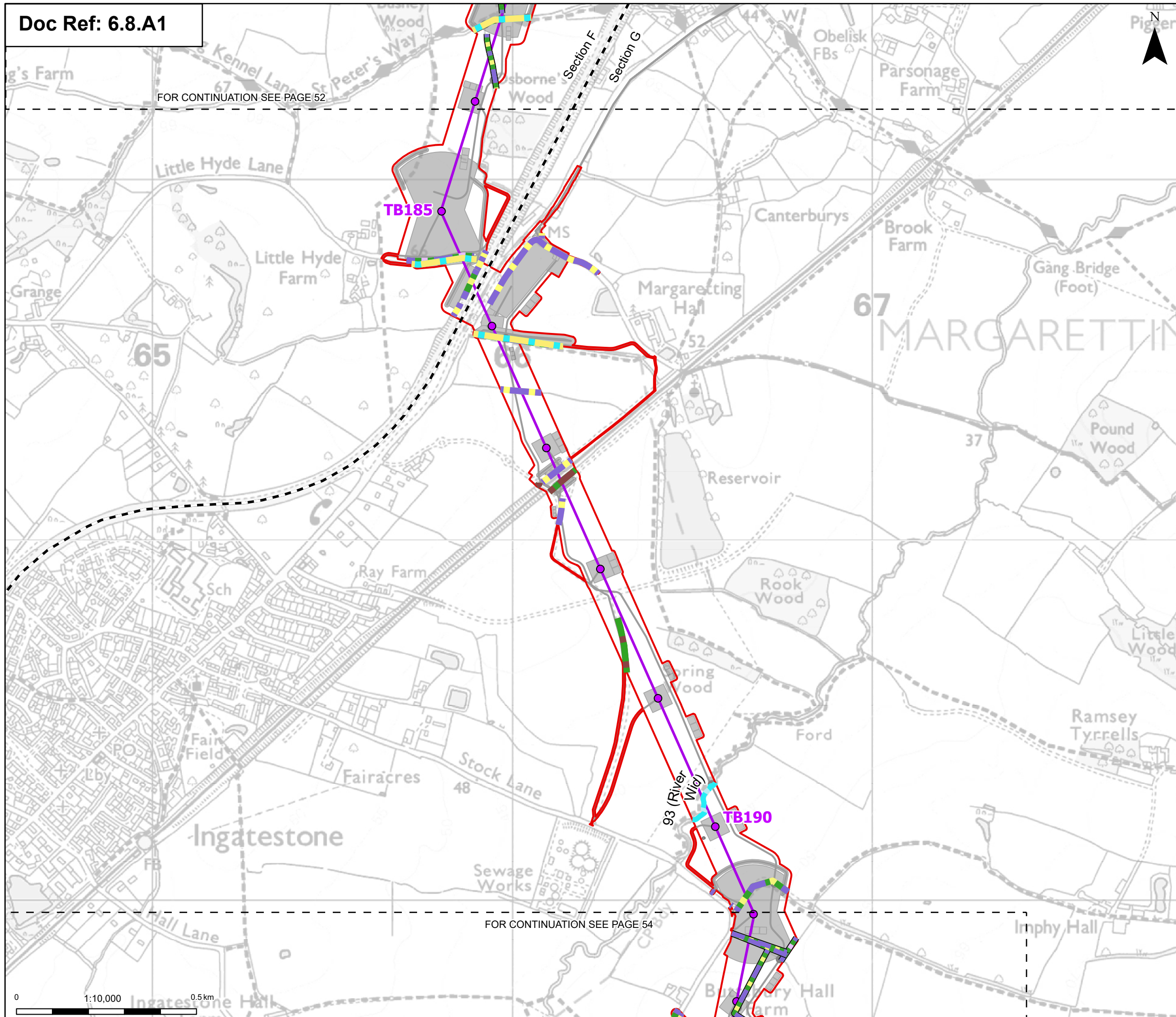
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections F and G
 Page 52 of 63

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-00410

Revision:
 C



FOR CONTINUATION SEE PAGE 52

FOR CONTINUATION SEE PAGE 54

Order limits

- Sheet index outline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

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

Native hedgerow with trees - associated with bank or ditch

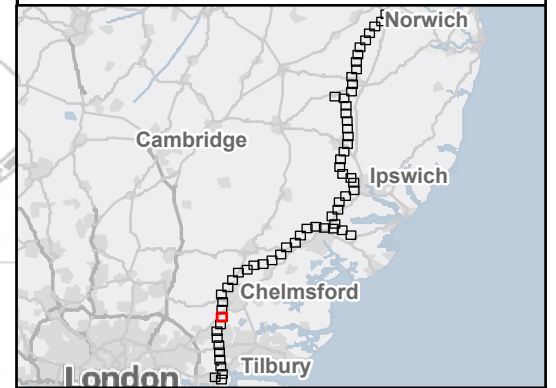
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees

Ditch

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

PROJECT:
nationalgrid Norwich to Tilbury

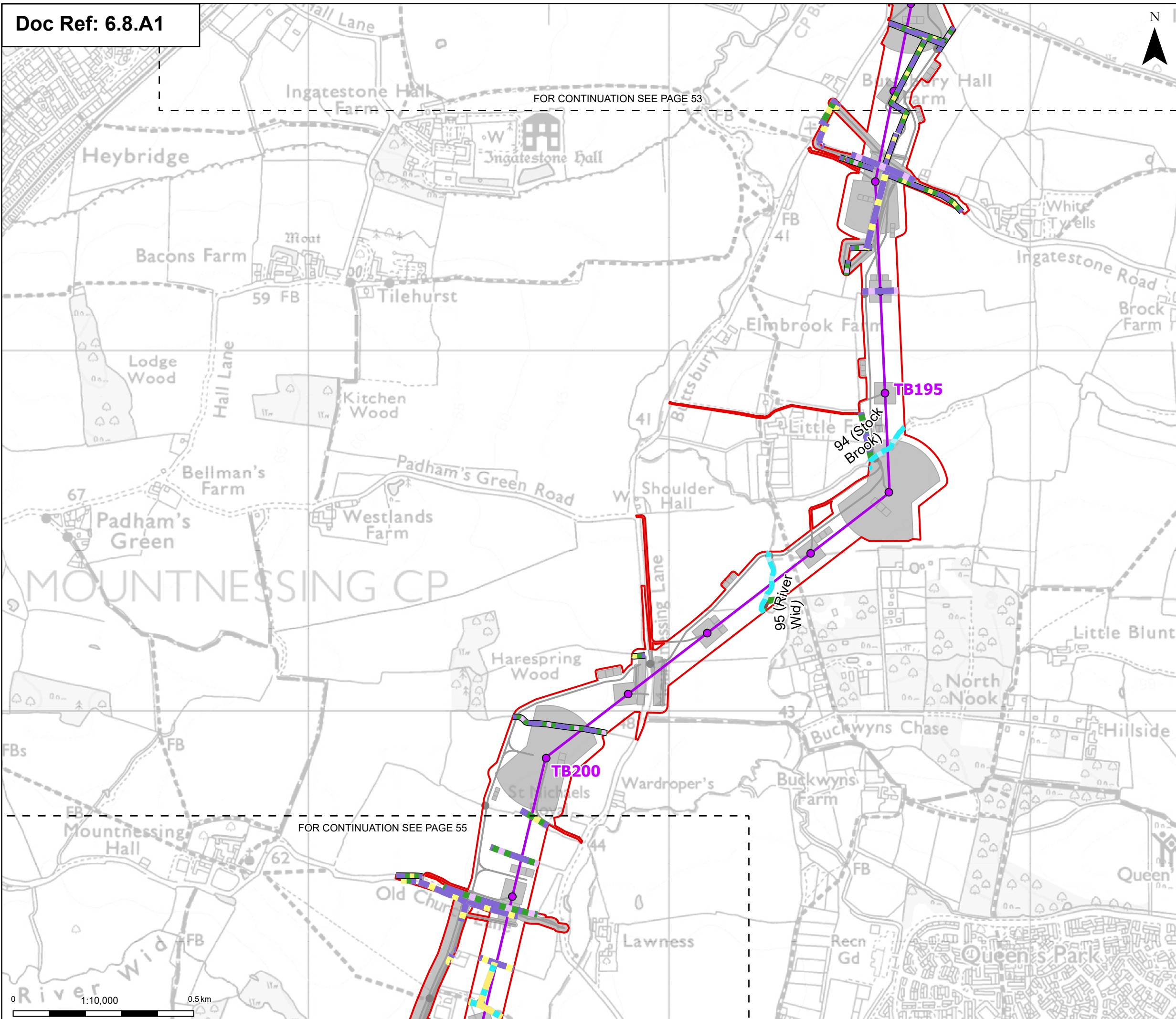
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections F and G
 Page 53 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-00410	Revision:	C

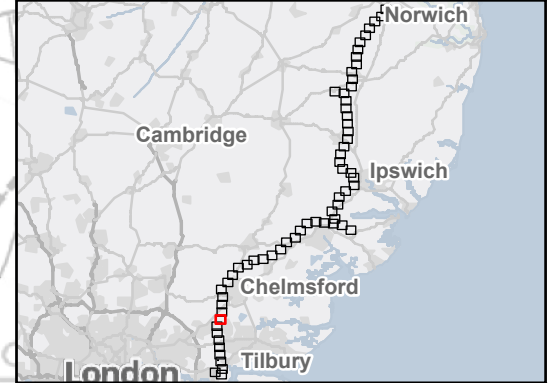
FOR CONTINUATION SEE PAGE 53

FOR CONTINUATION SEE PAGE 55



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Species-rich native hedgerow with trees - associated with bank or ditch
 - 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
 - Ecologically valuable line of trees
 - Ditch
 - 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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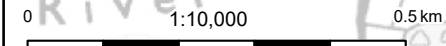
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

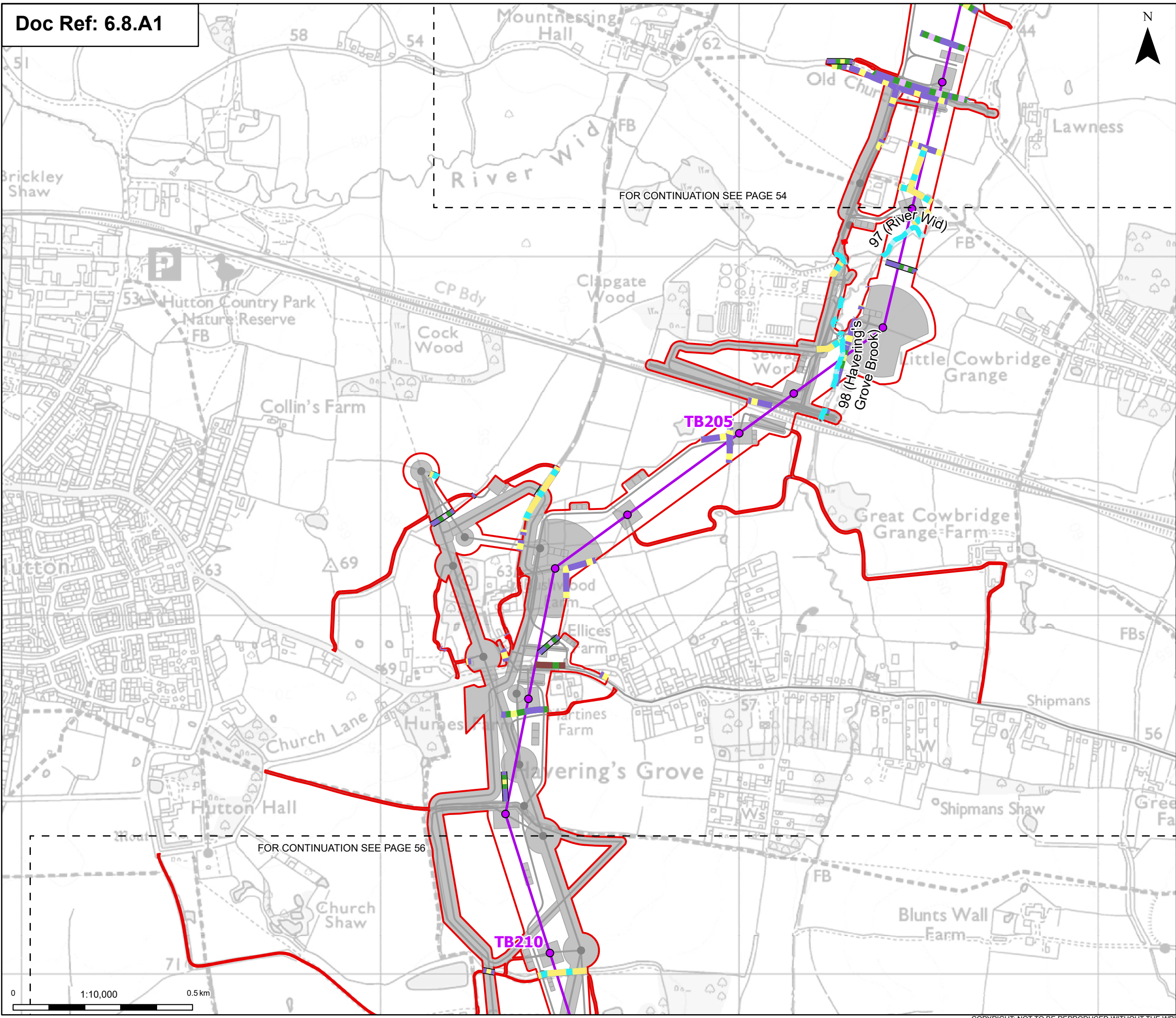
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
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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-00410
 Revision: C





Proposed project design details

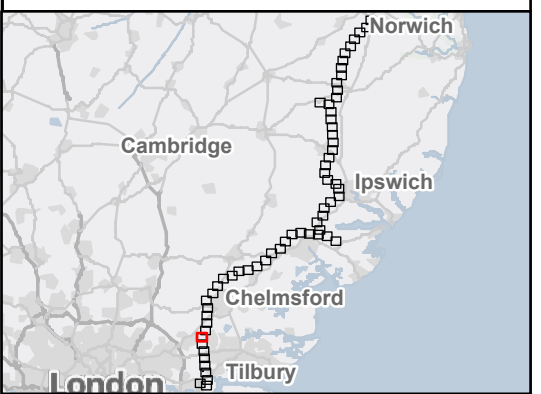
- Order limits
- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- Ditch
- Priority habitat

Disipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with 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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nationalgrid Norwich to Tilbury

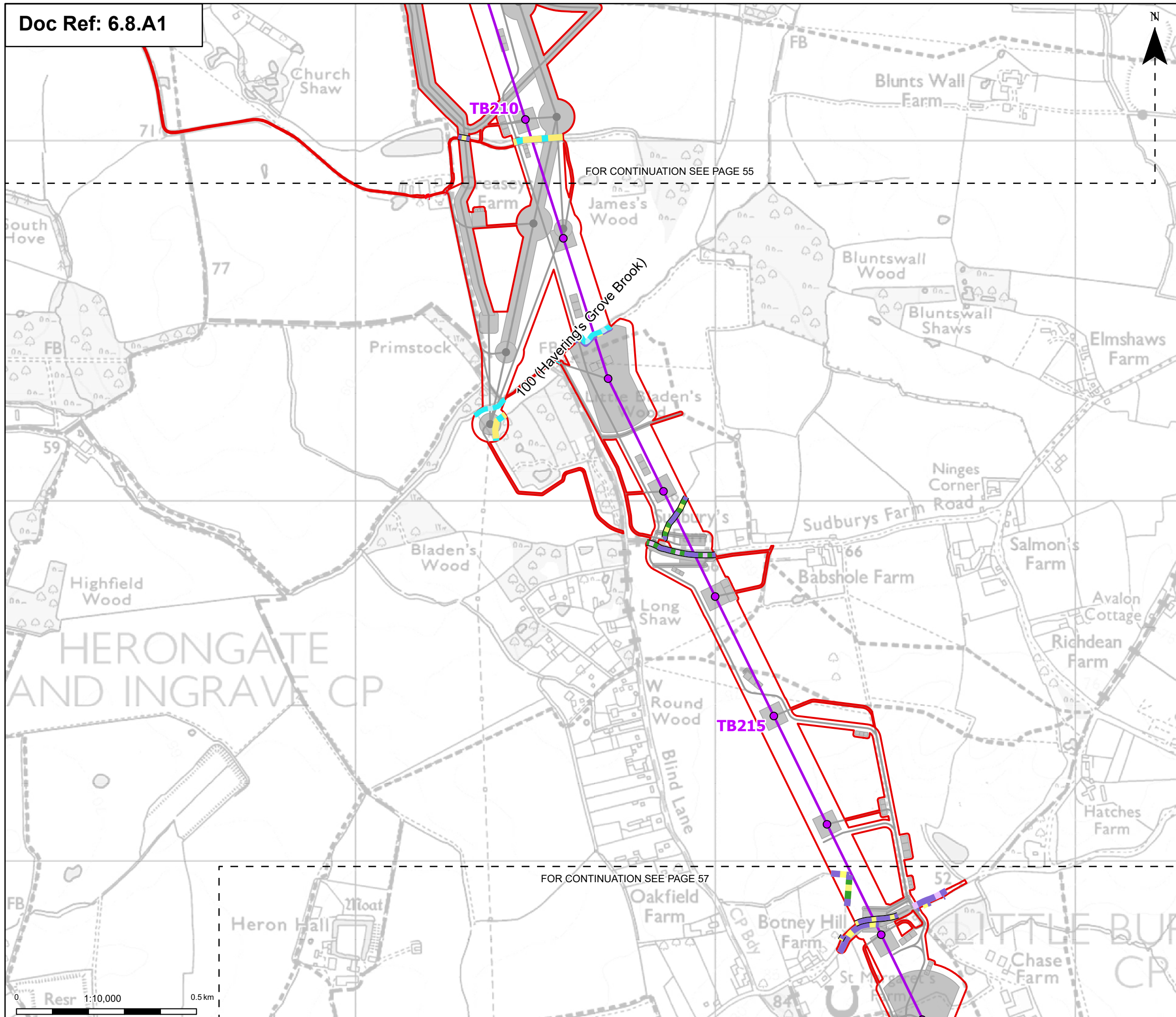
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 55 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-00410	Revision:	C
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Order limits
 Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

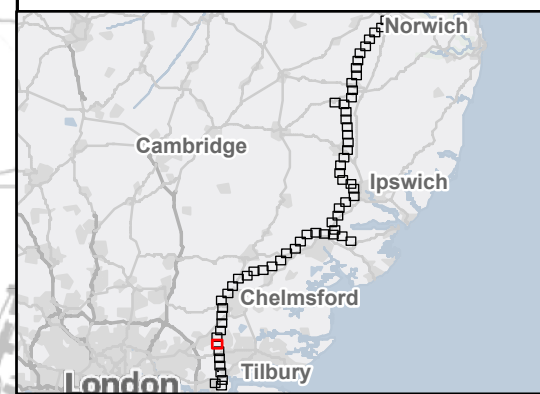
Discipline specific constraints

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

- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Ditch
- 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
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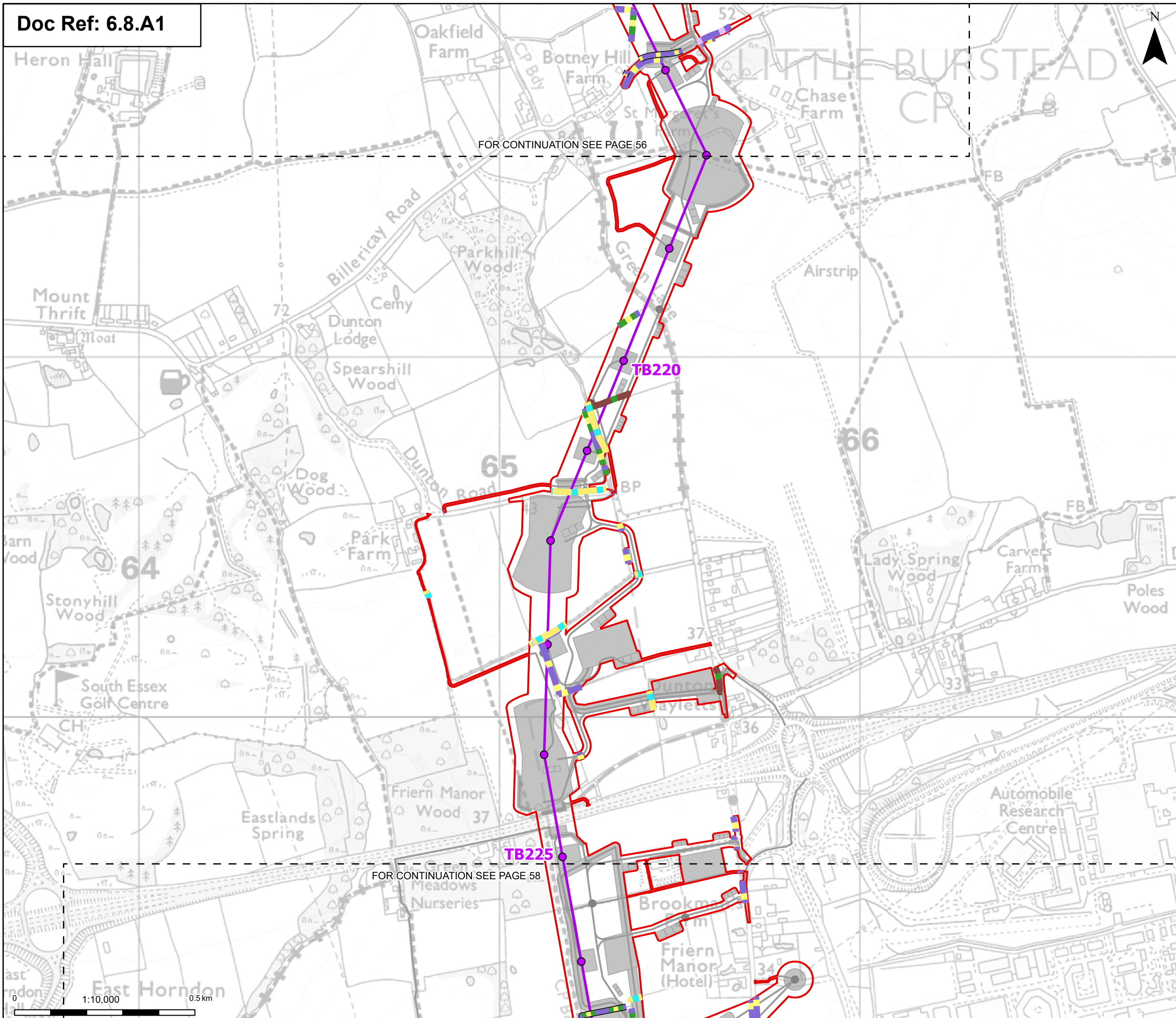
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 56 of 63

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-00410

Revision:
C



Order limits
 Sheet index cutline

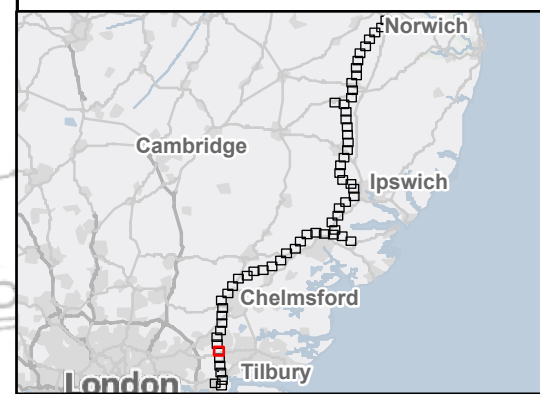
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

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
 Species-rich native hedgerow
 Line of trees
 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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nationalgrid Norwich to Tilbury

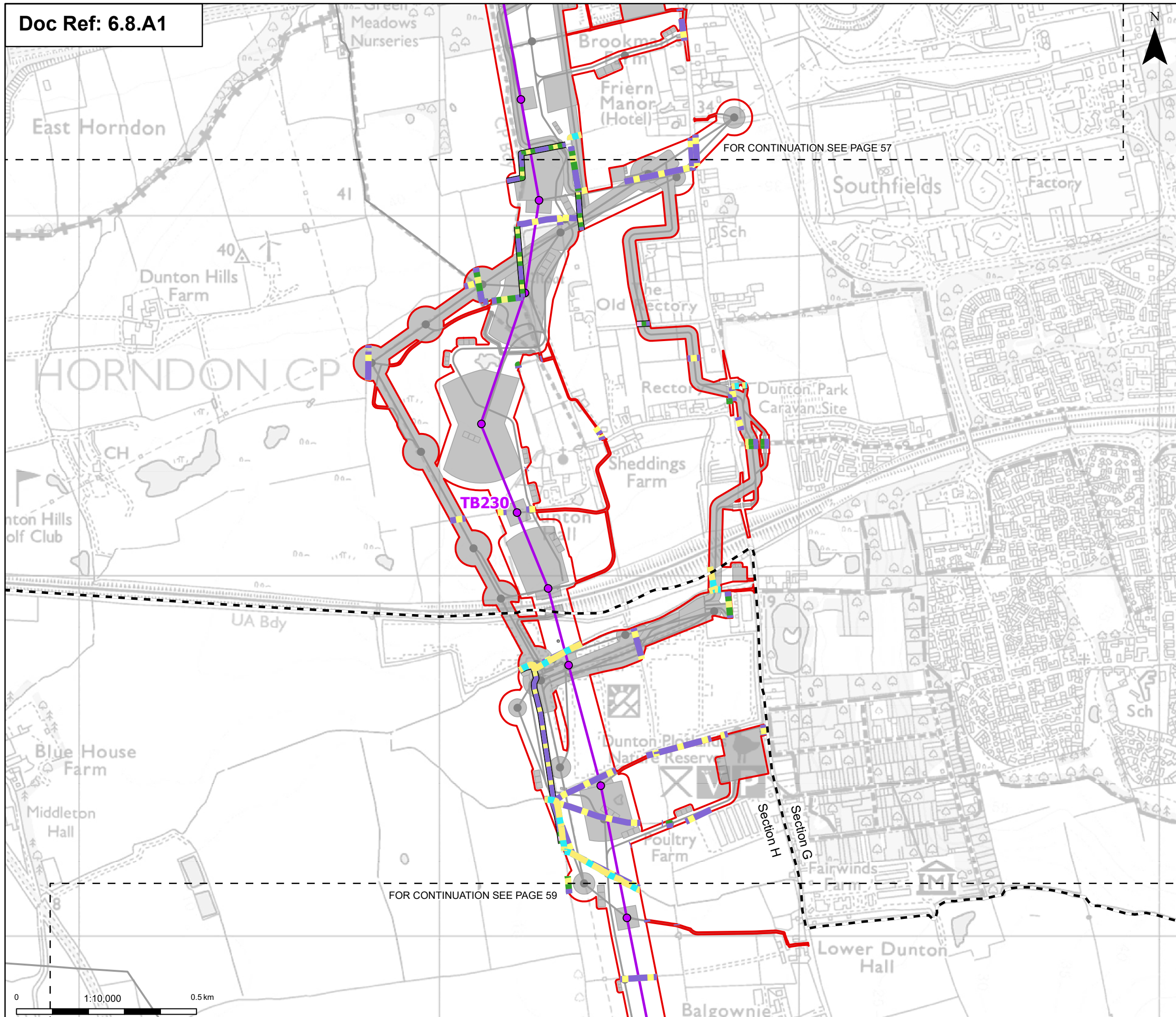
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(1)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 57 of 63

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

Suitability Description:
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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Order limits
 Sheet index outline
 Project section line

Proposed project design details

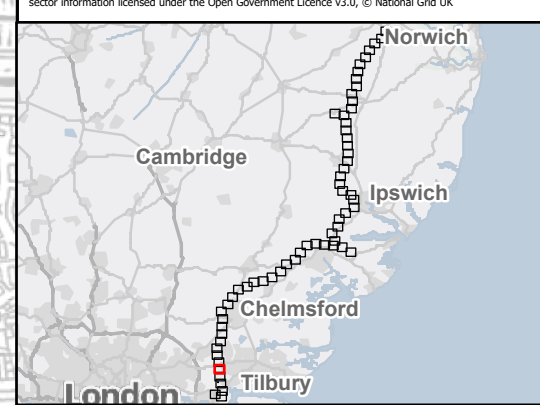
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
 - Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- 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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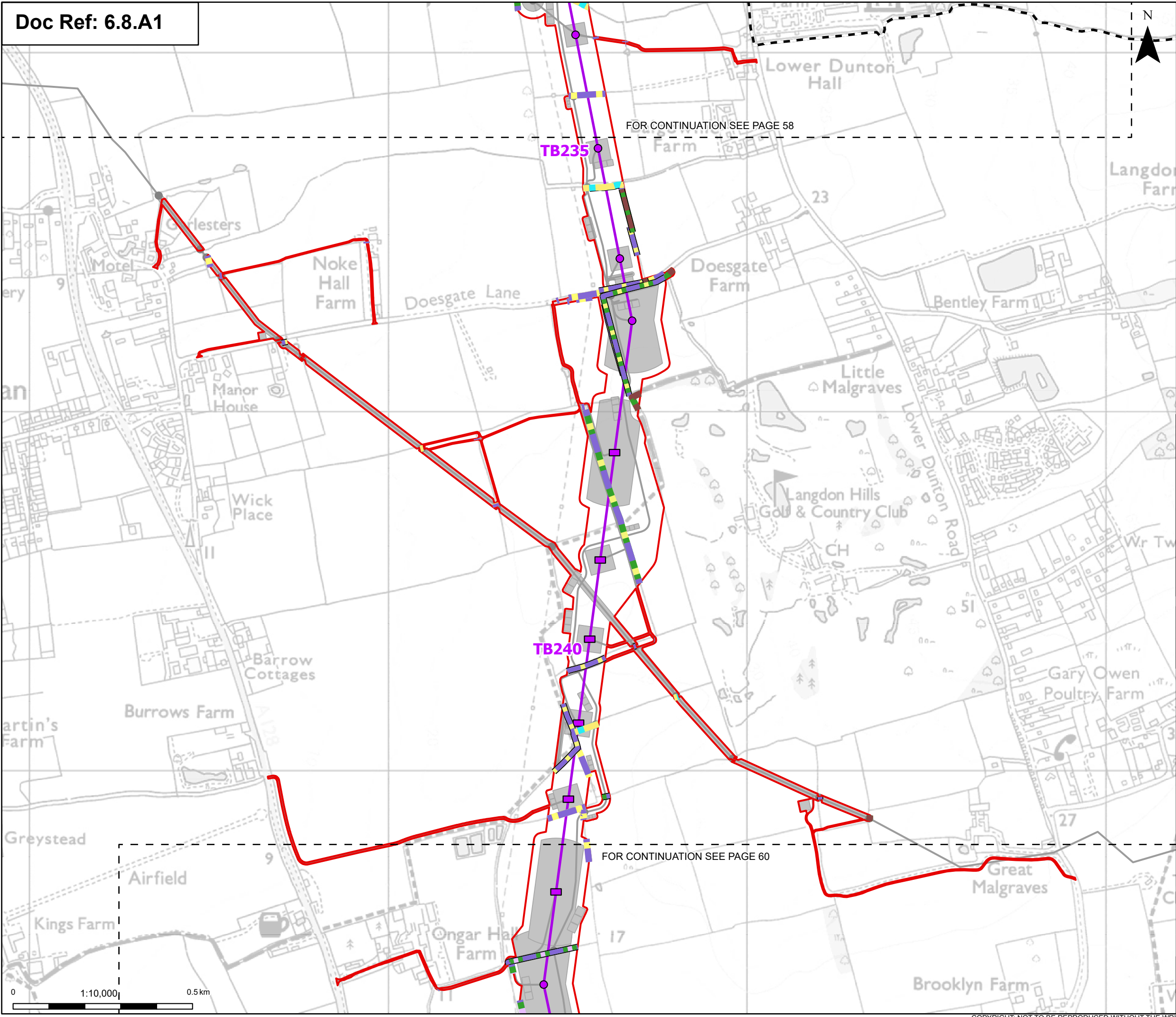
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
 Page 58 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C



Order limits
 Sheet index outline
 Project section line

Proposed project design details

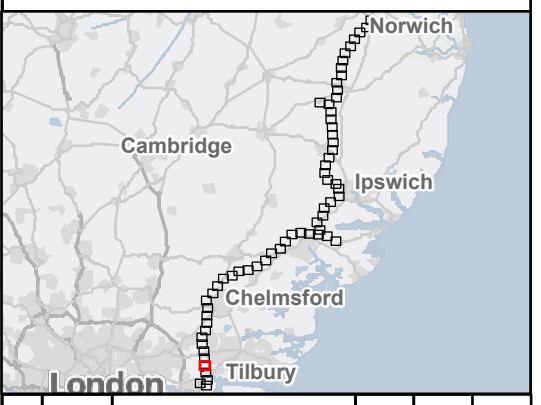
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- 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
- Line of trees - associated with bank or ditch
- Line of trees
- 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)&(1)(ii)

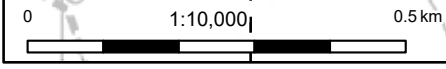
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
 Page 59 of 63

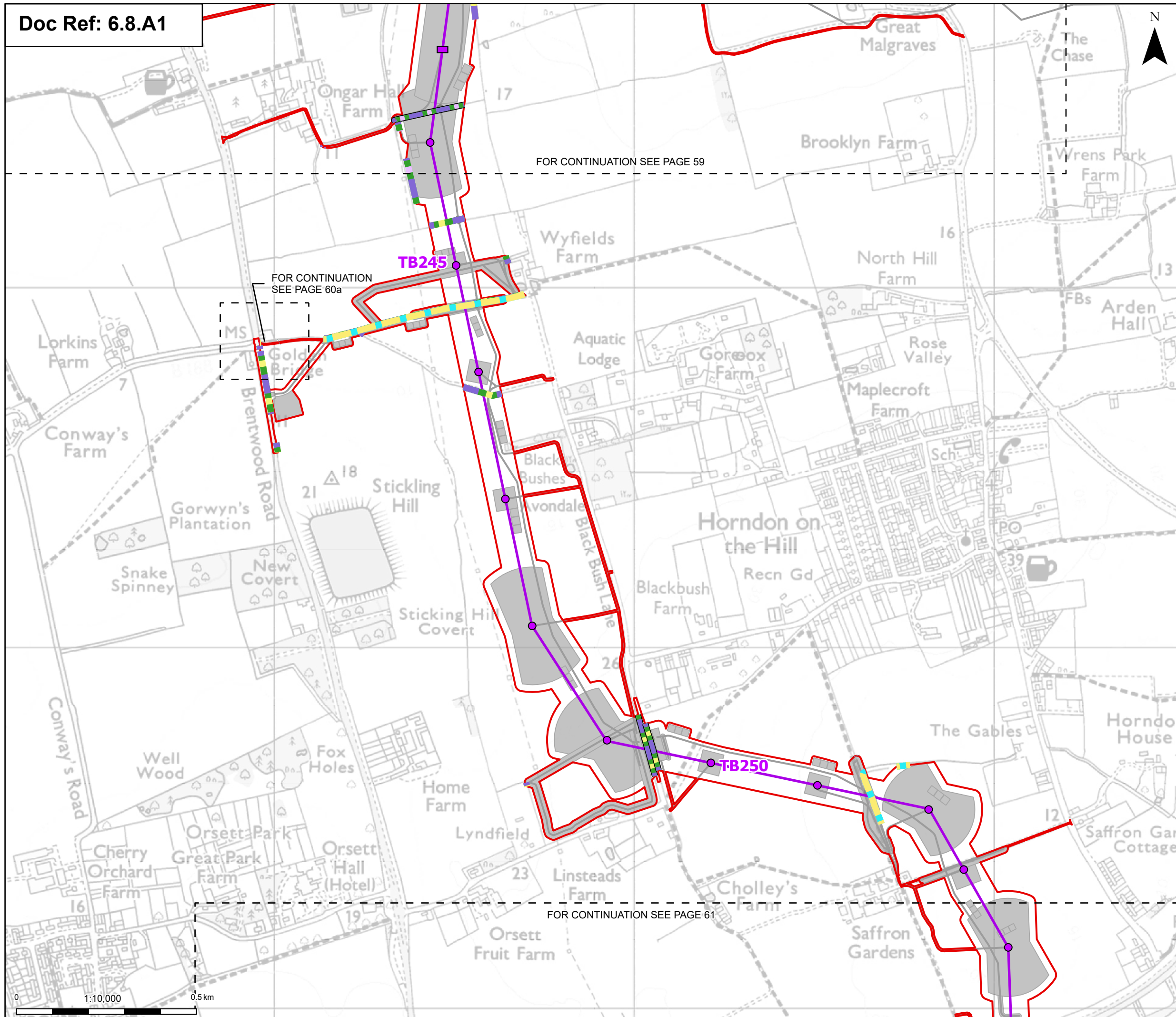
Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
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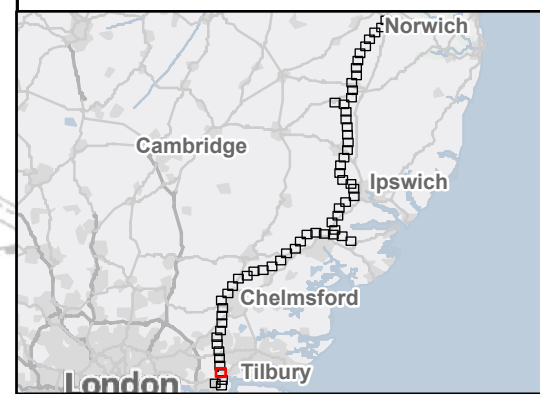




- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow with trees
- 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 60 of 63

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

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

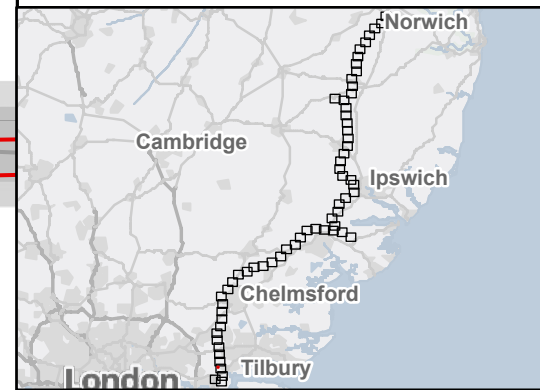
Revision:
C



- Order limits
- Sheet index outline
- Discipline specific constraints**
- Native hedgerow with trees
- Non-native and ornamental hedgerow
- 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

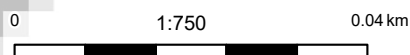
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 60a of 63

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:	1:750	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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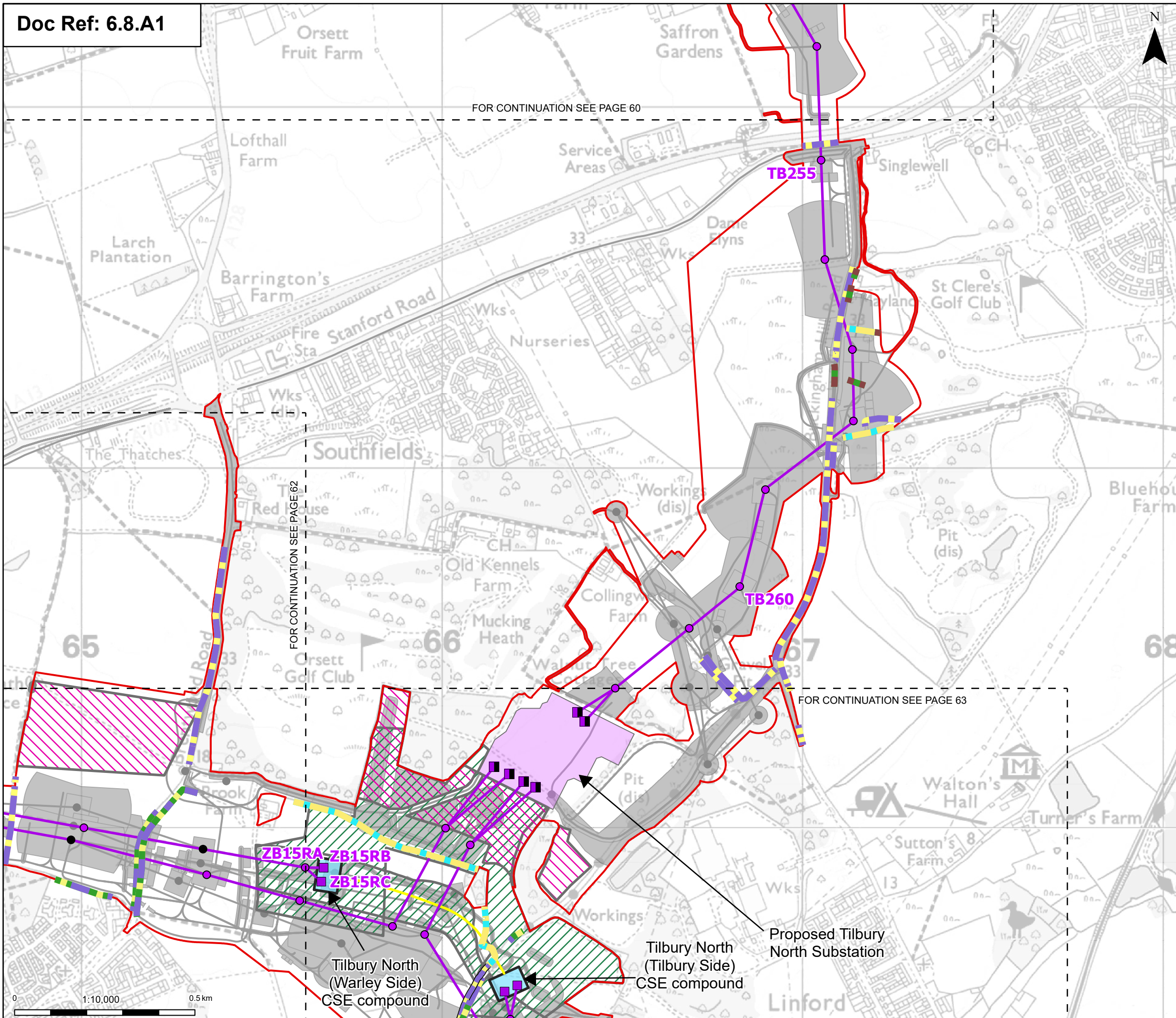
Revision:
C



FOR CONTINUATION SEE PAGE 60

FOR CONTINUATION SEE PAGE 62

FOR CONTINUATION SEE PAGE 63



Order limits

- Sheet index outline

Proposed project design details

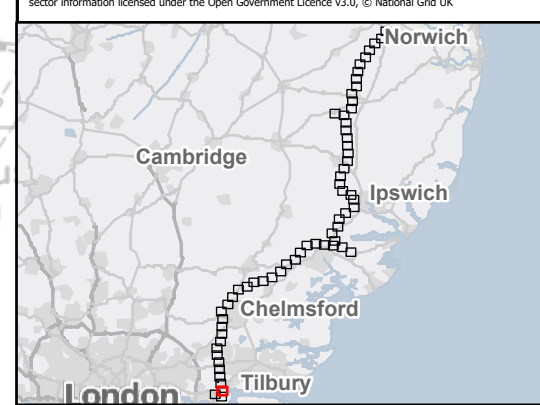
- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Line of trees
- 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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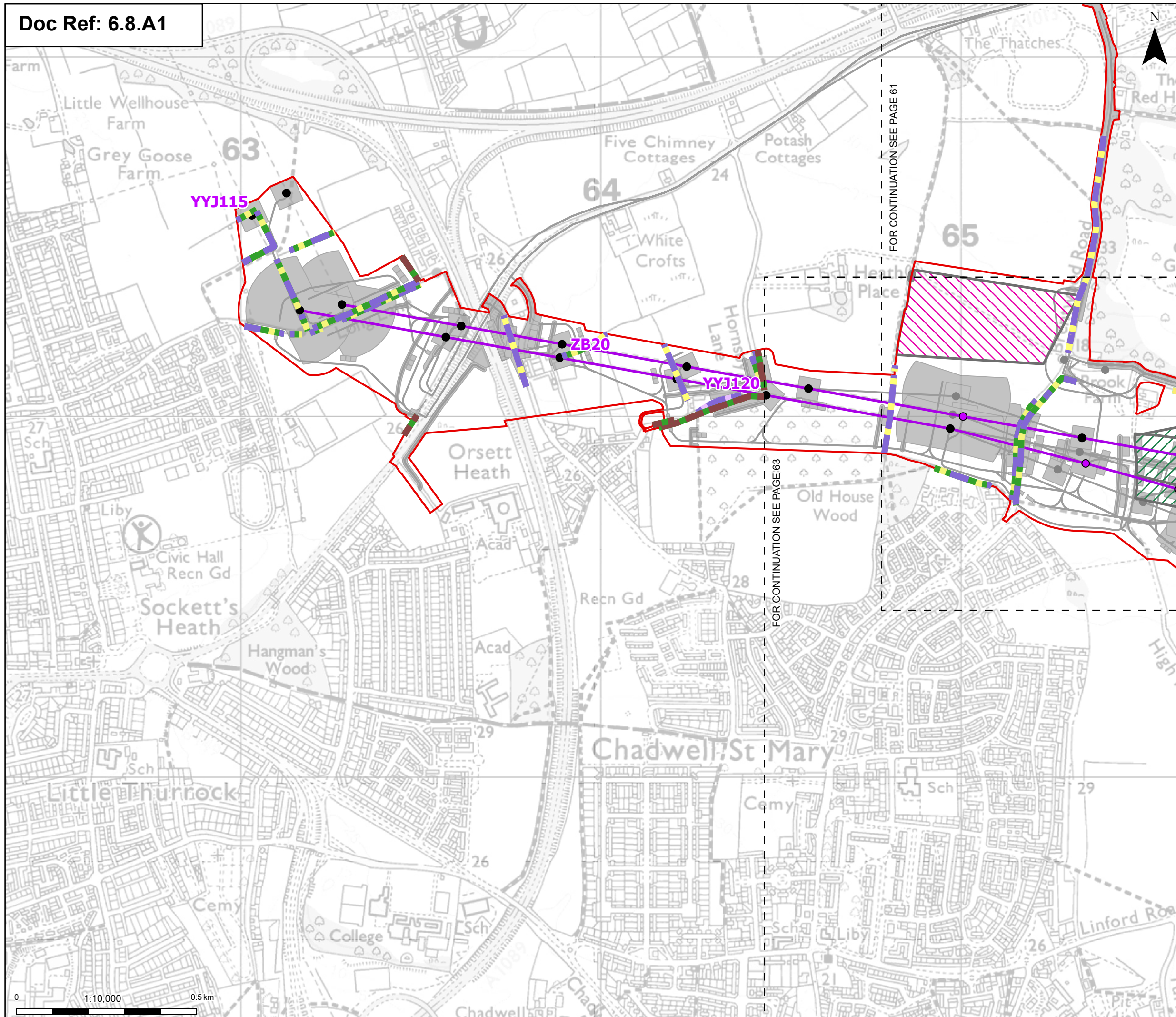
Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

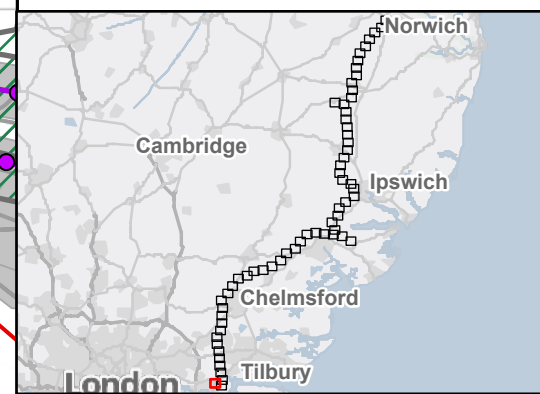
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 61 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410		Revision: C



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Existing pylon (modify)
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental area
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Native hedgerow
 - Native hedgerow with trees
 - Species-rich native hedgerow
 - Line of trees
 - 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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Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

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

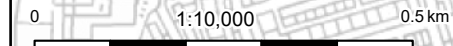
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 62 of 63

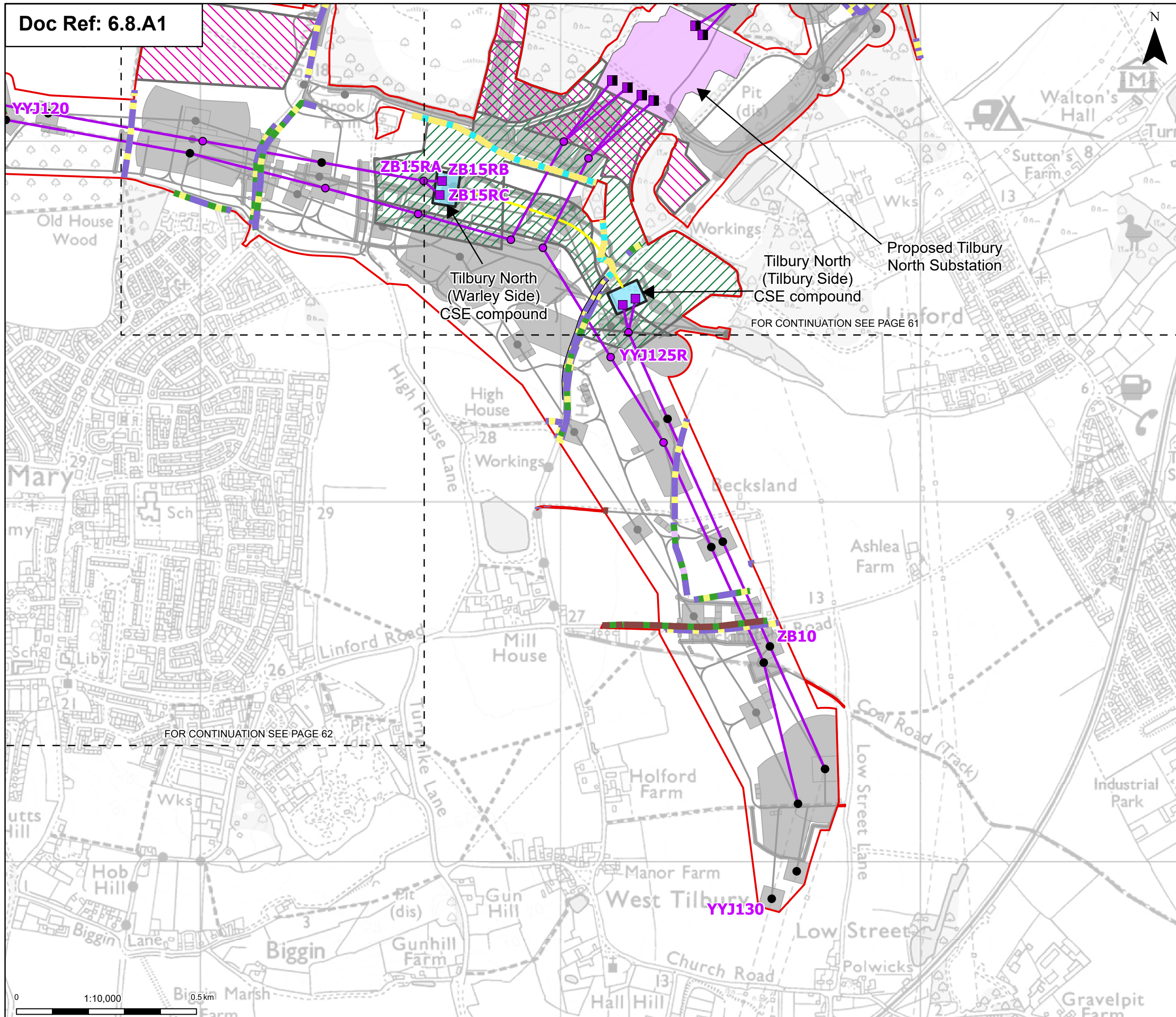
Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
 C





Order limits

- Sheet index outline

Proposed project design details

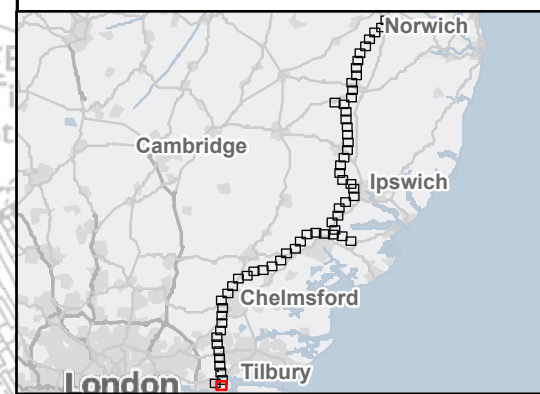
- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow with trees
- Line of trees
- 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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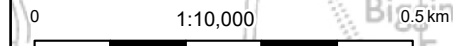
Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section H
 Page 63 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Baruu	Date	May 26
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Scale:	1:10,000	Datum:	AOD
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Suitability Description:
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Revision:
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National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

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