

AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Figure A8.1.7: Linear Habitat Survey Results
Tracked Changes Version of Deadline 4 Submission

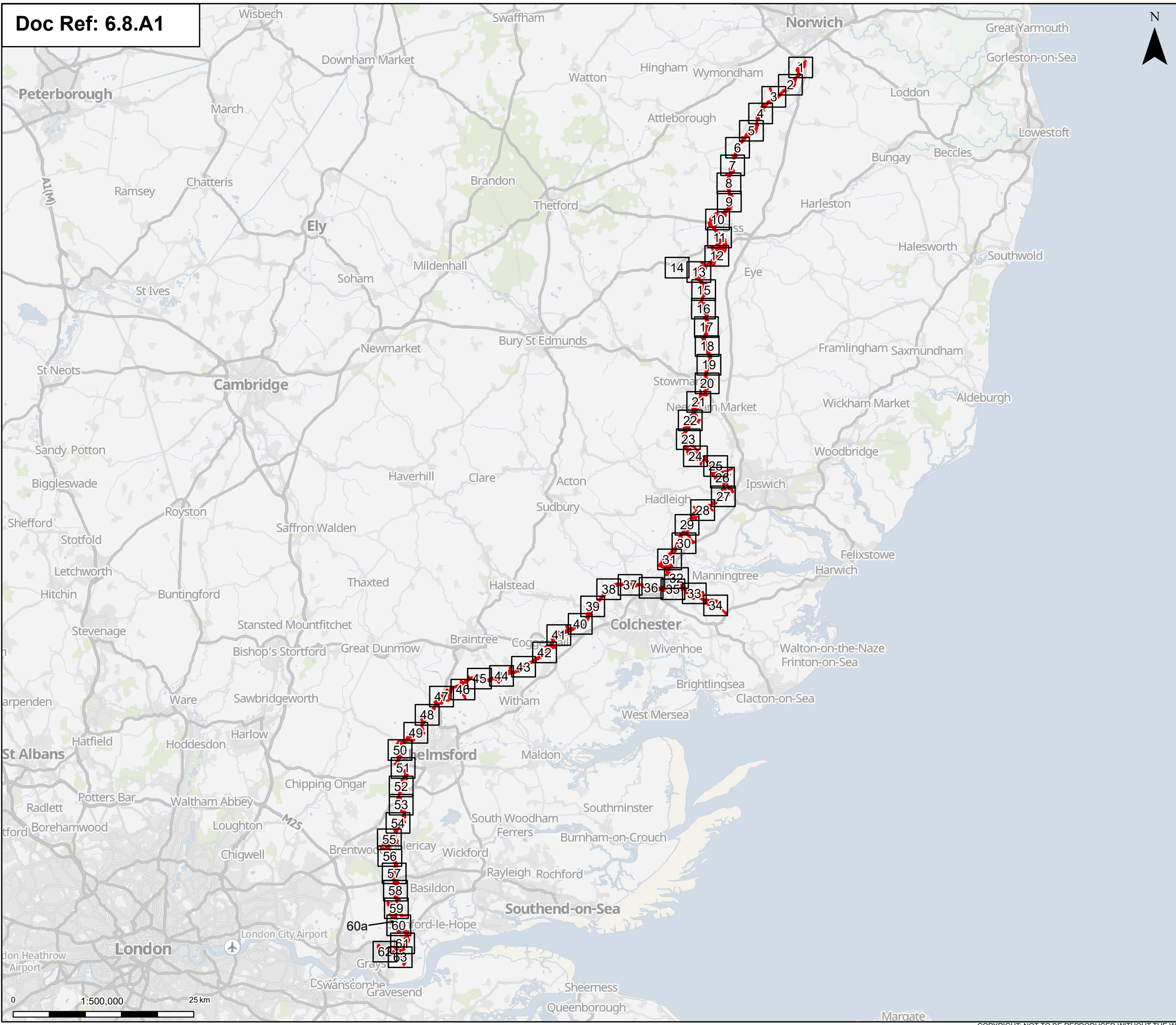
Final Issue C

June 2026

Planning Inspectorate Reference: EN020027

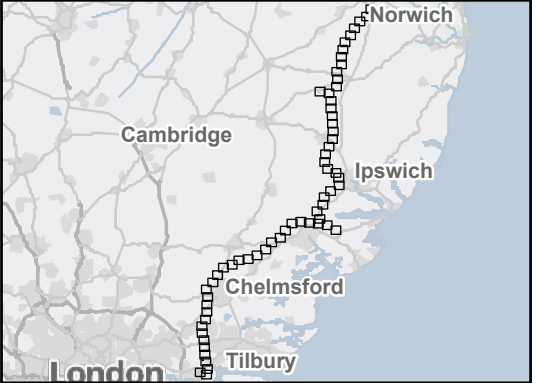
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(a)

nationalgrid



Order limits
Pages

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

PROJECT:
nationalgrid Norwich to Tilbury

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

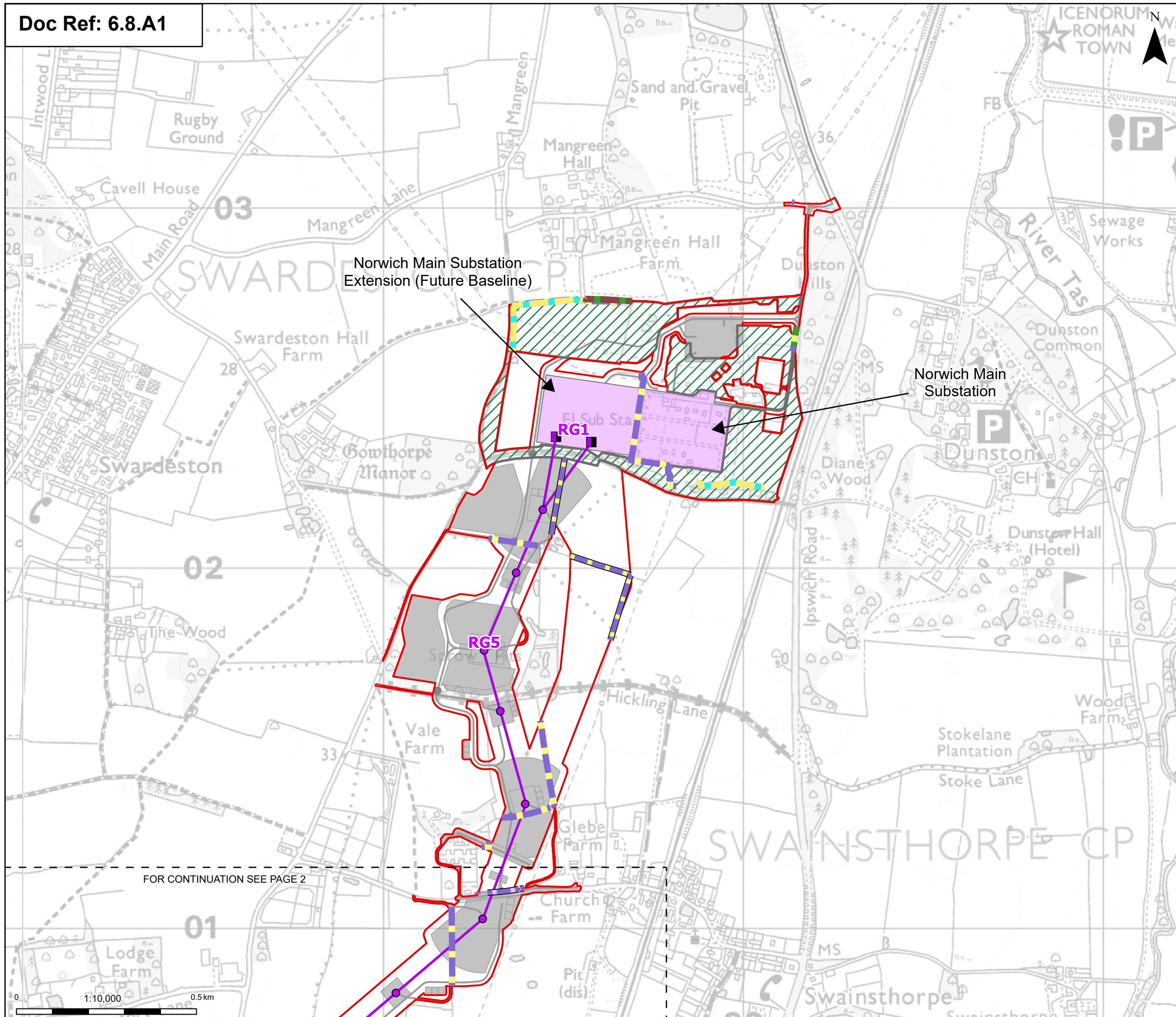
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Overview

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

Suitability Description:
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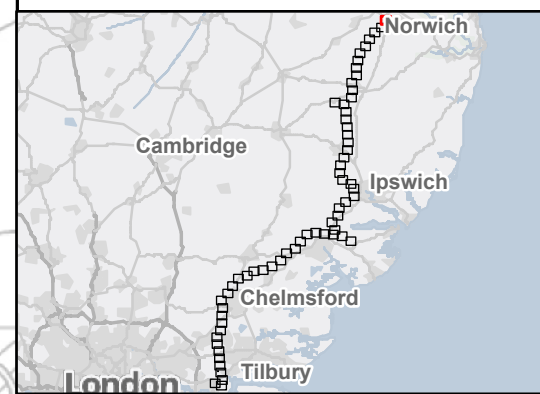
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Revision:
C



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - 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:
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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 A
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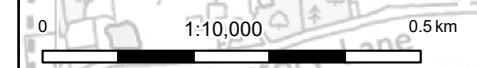
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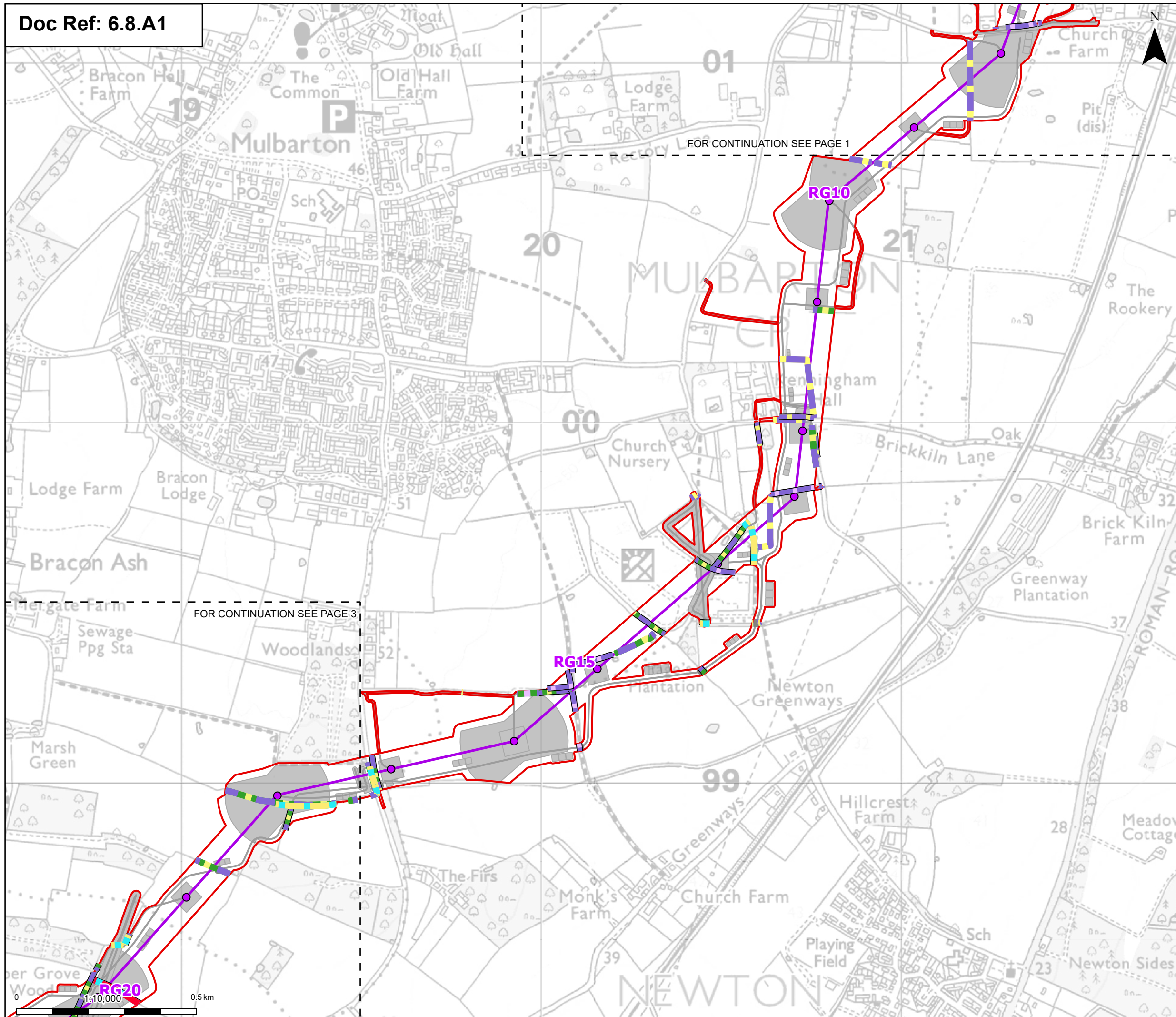
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Drawing Number:
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Revision:
C

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

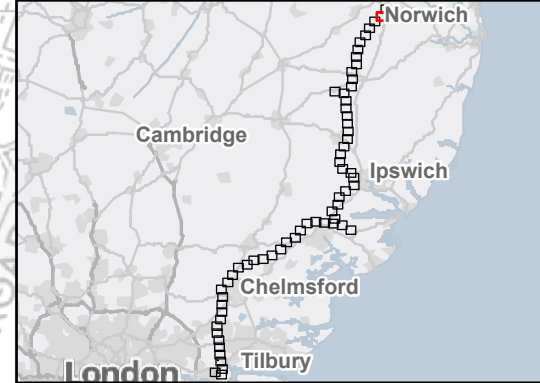
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees

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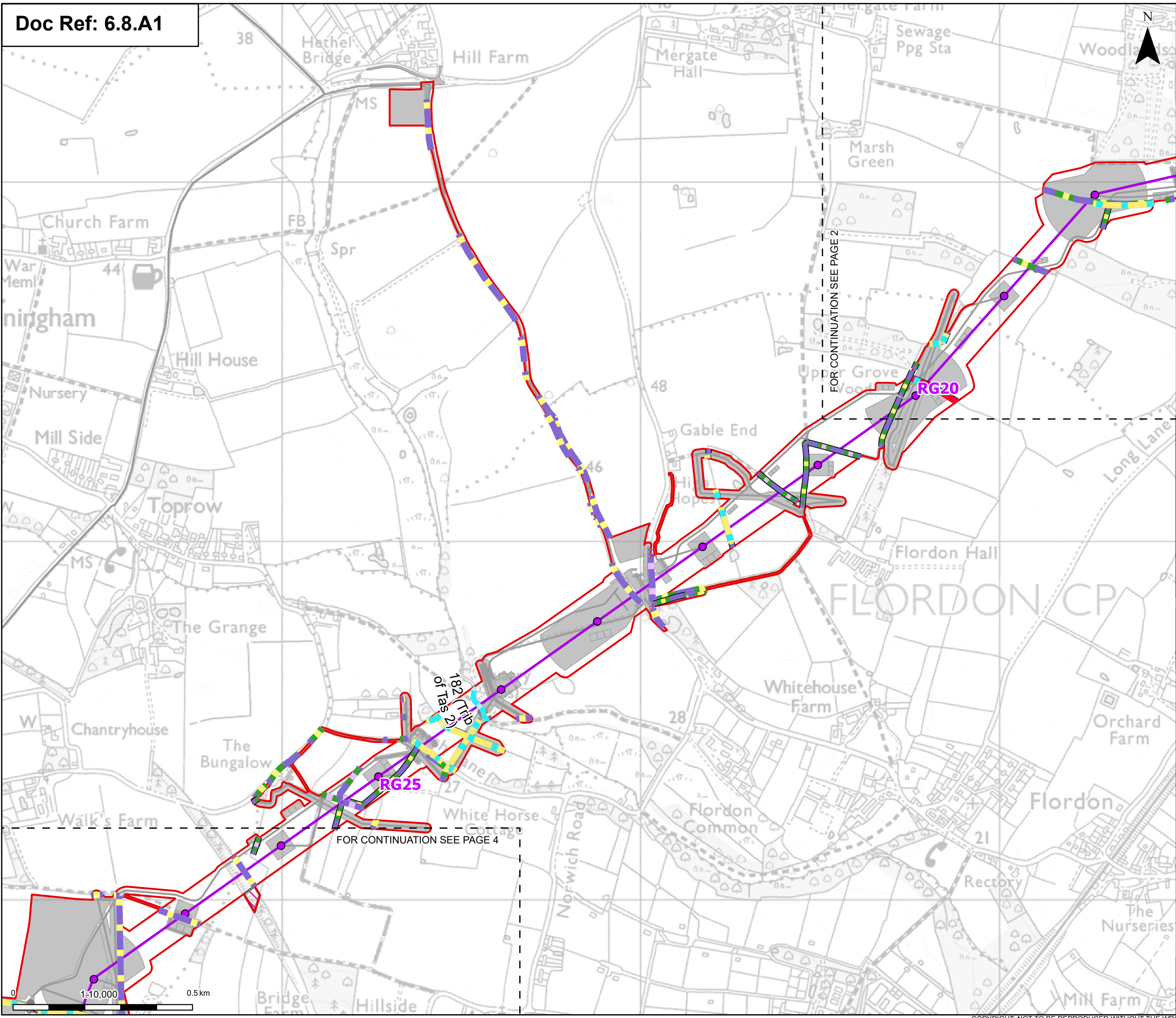
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Regulation 5(2)(a)&(I)(ii)

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Figure A8.1.7 - Ecology and Biodiversity -
Linear Habitat Survey Results
Section A
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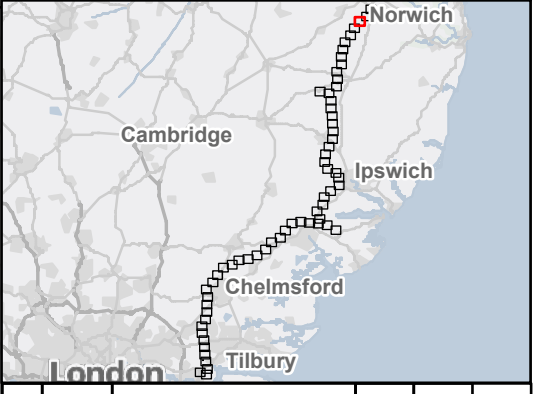
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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- Proposed project design details**
- Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - 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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Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

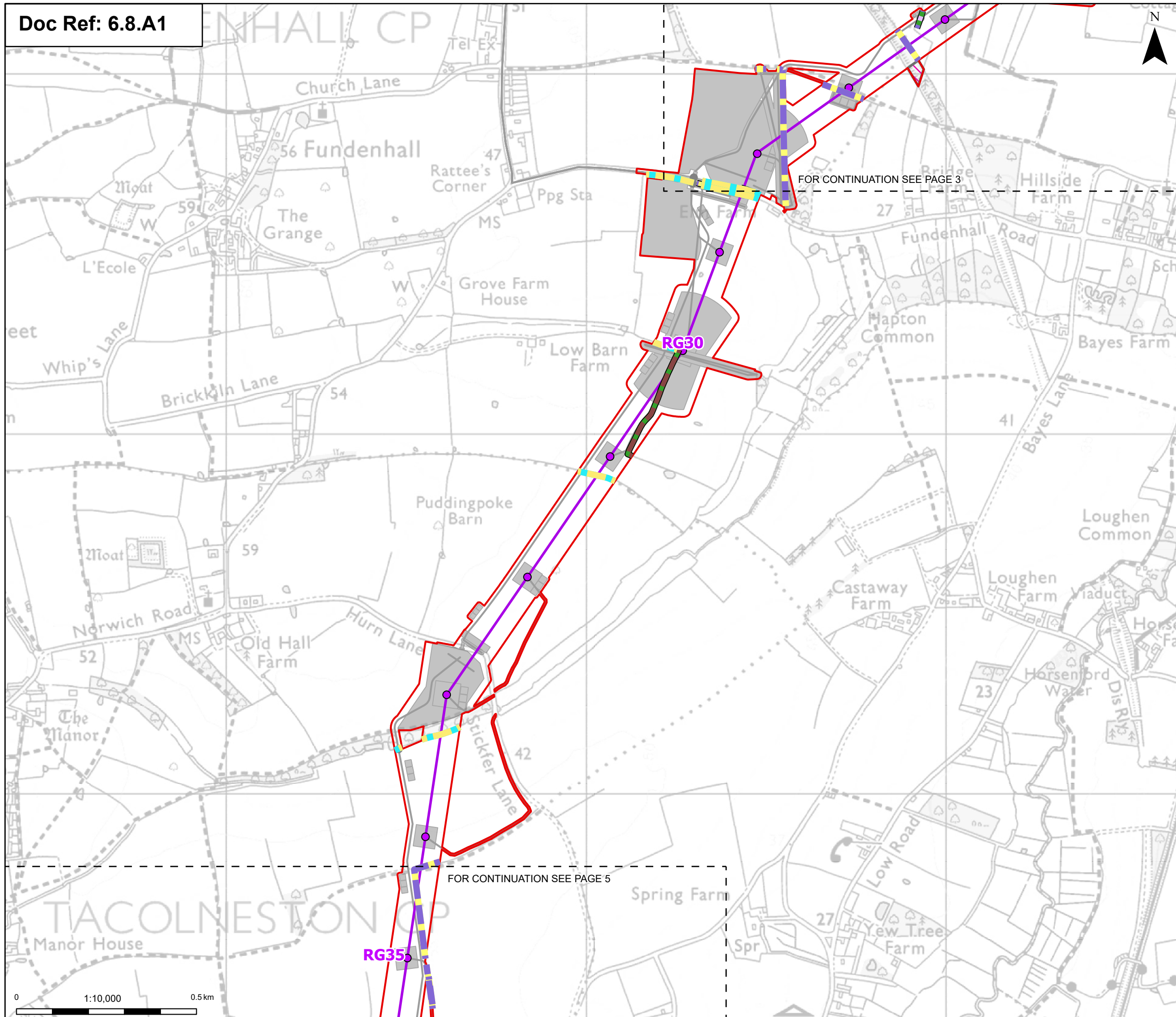
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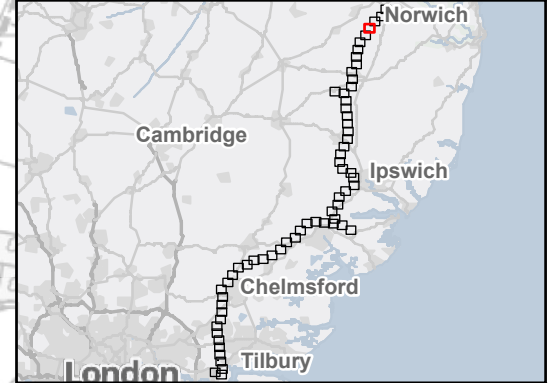
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- Sheet index outline
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- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

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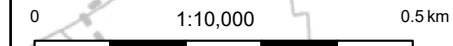
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 Section A
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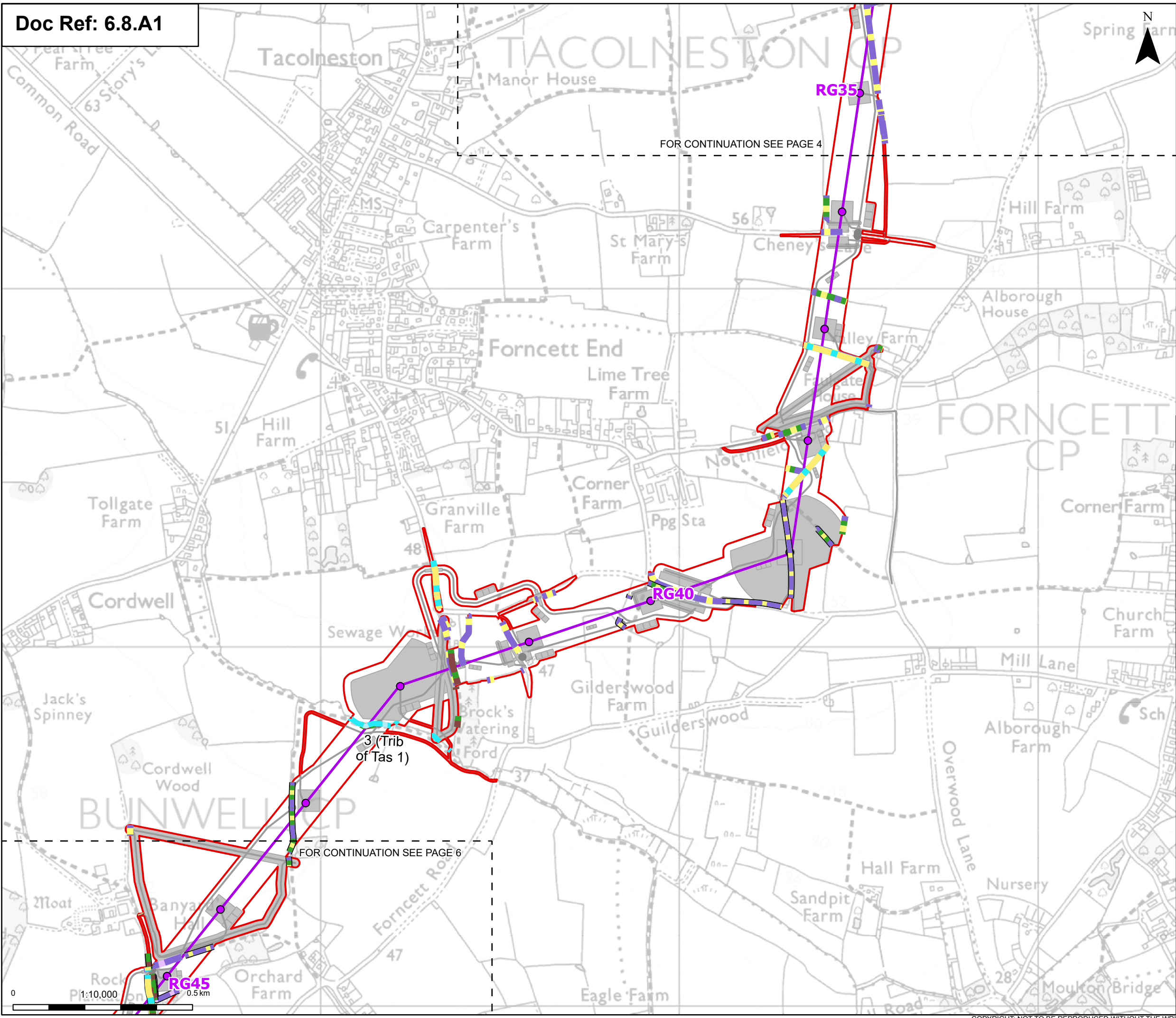
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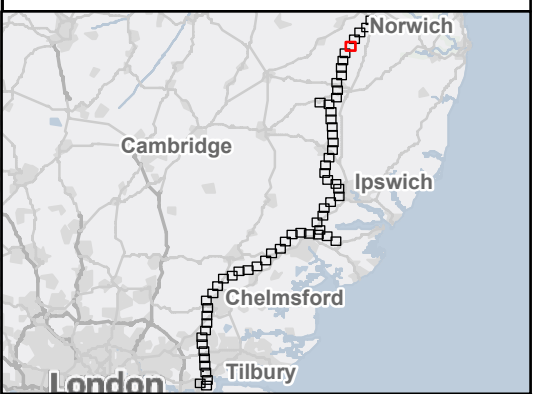
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 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
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 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
 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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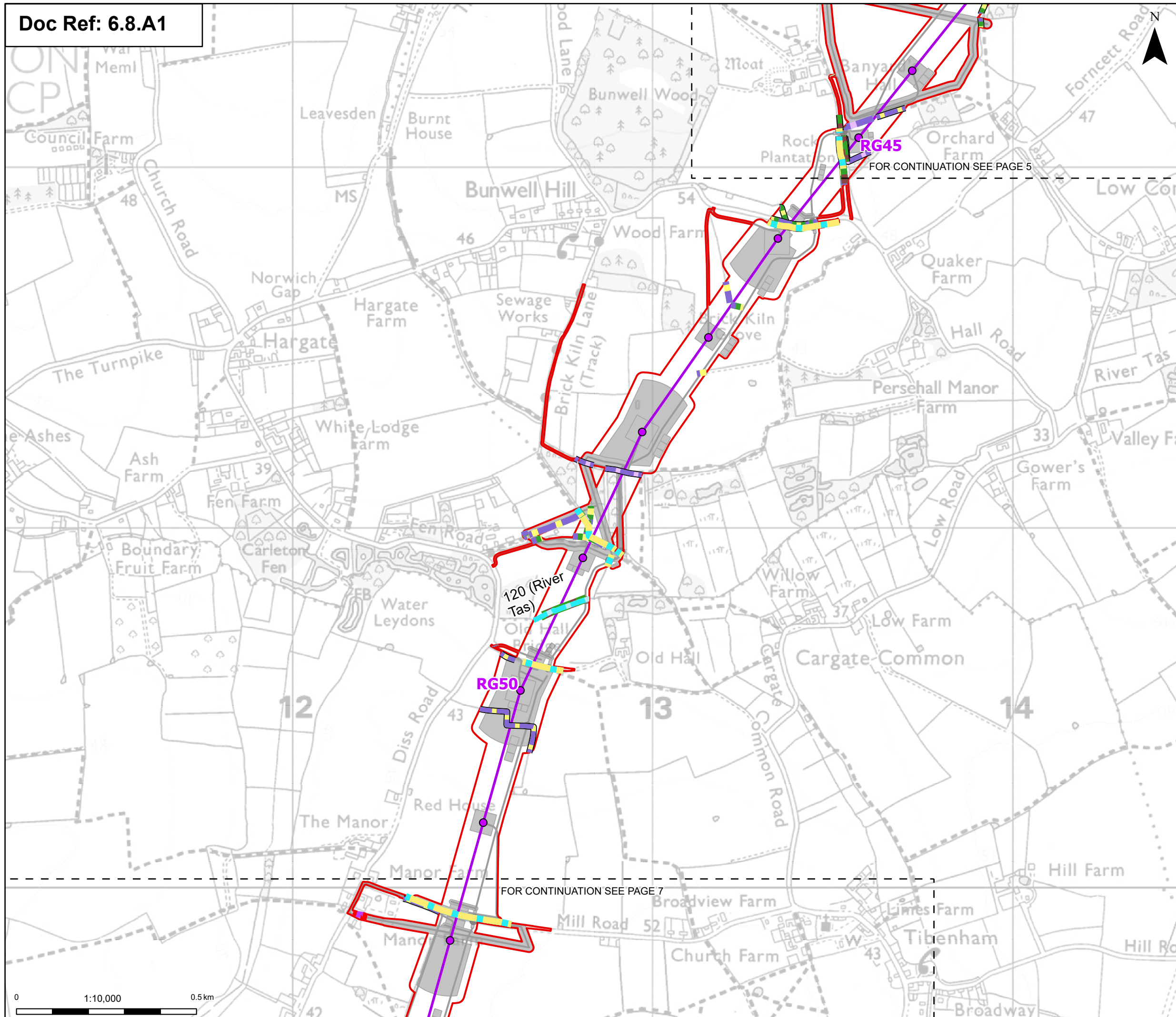
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Approved	K. Burrows	Date	May 26
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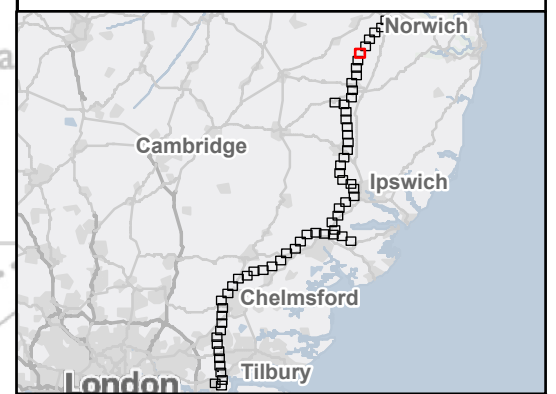
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- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow 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

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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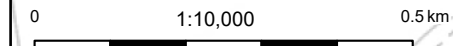
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 Linear Habitat Survey Results
 Section A
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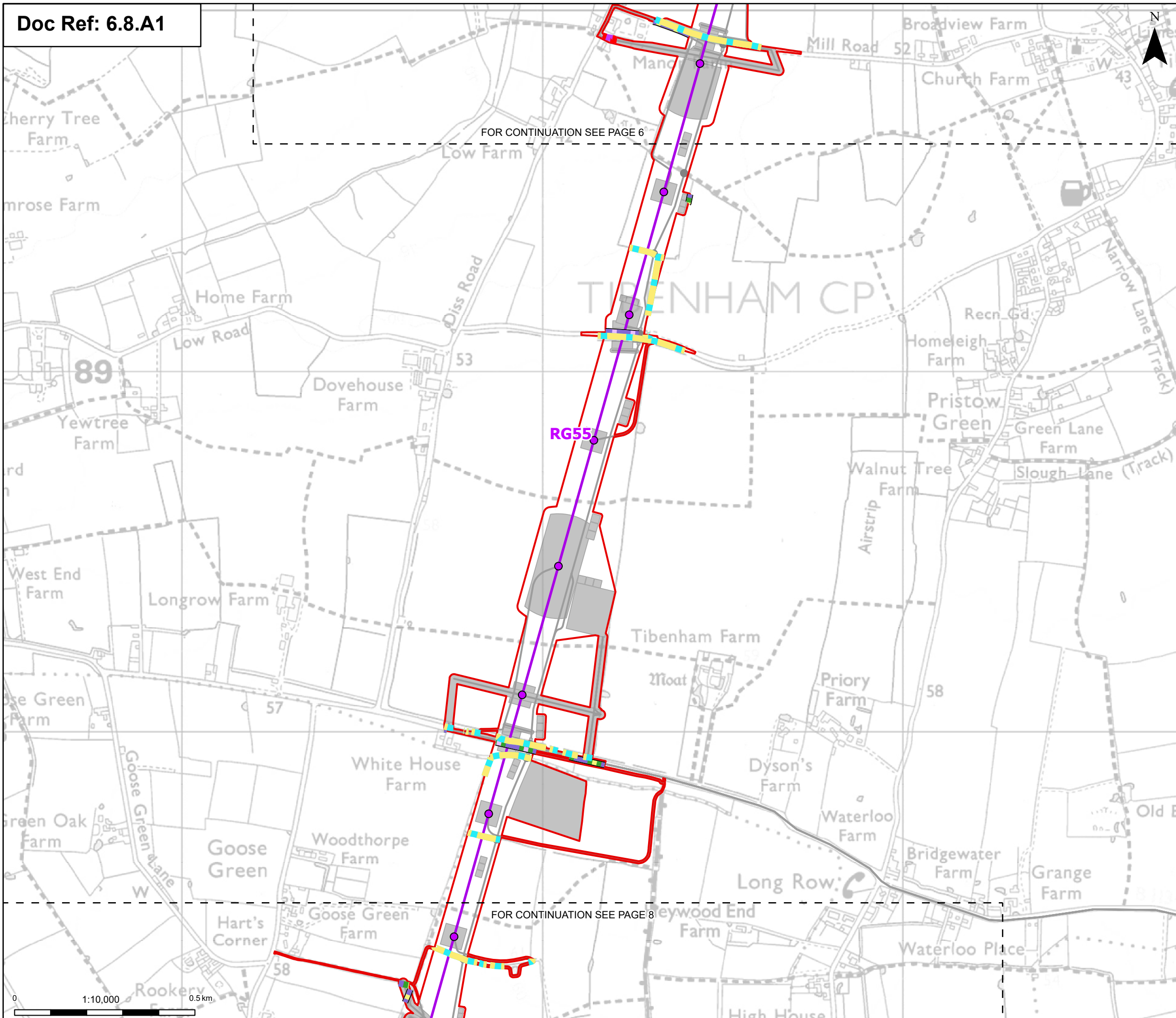
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Drawing Number:
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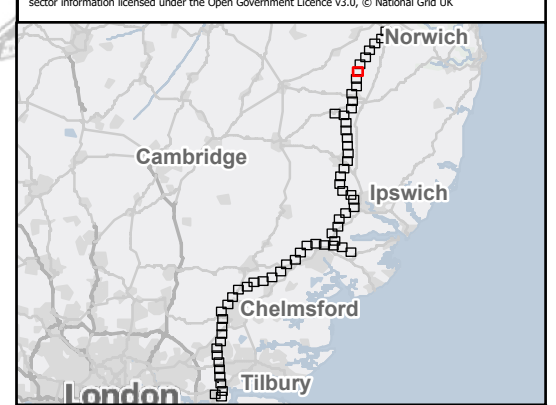
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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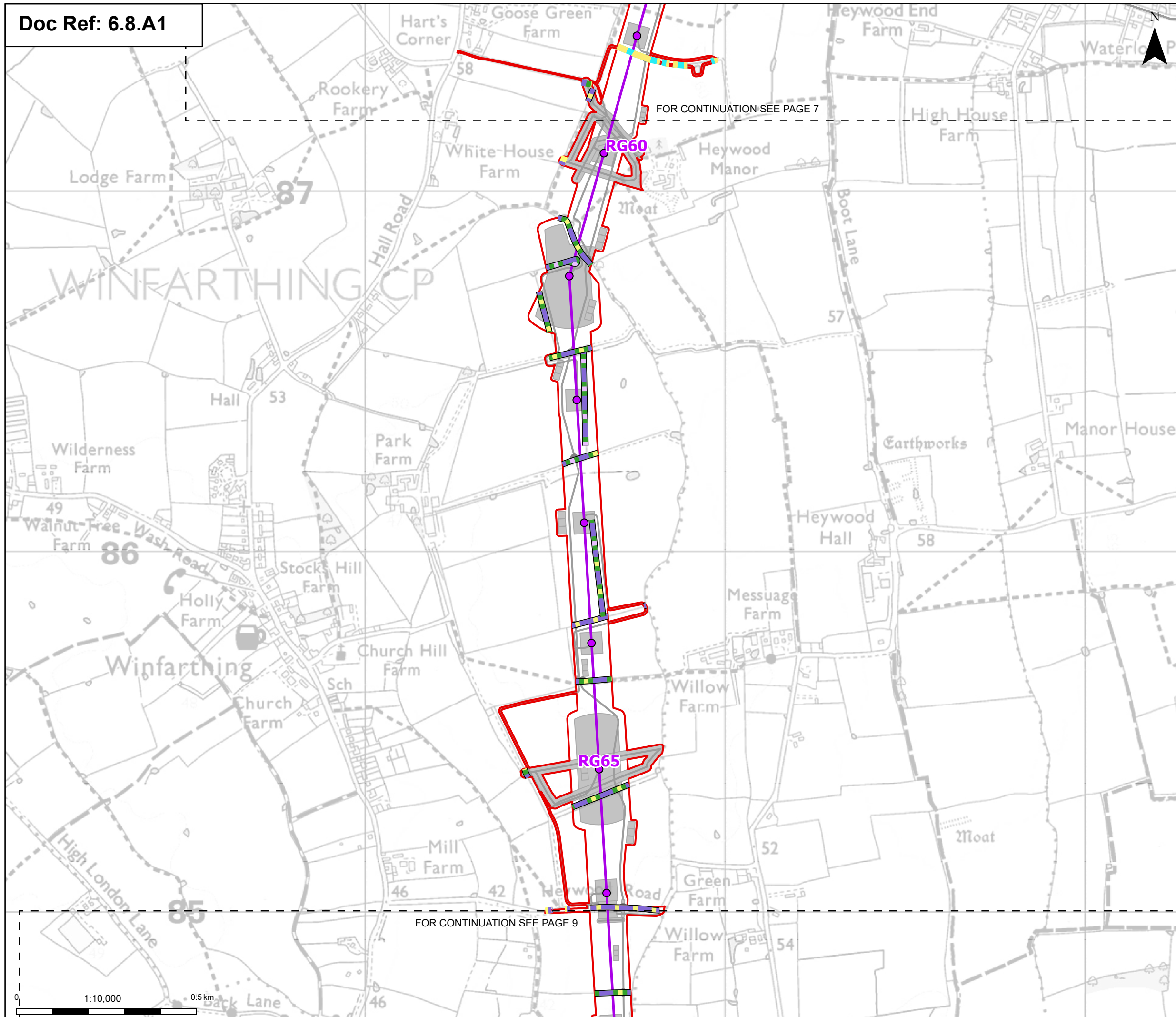
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 Section A
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Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

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Revision:
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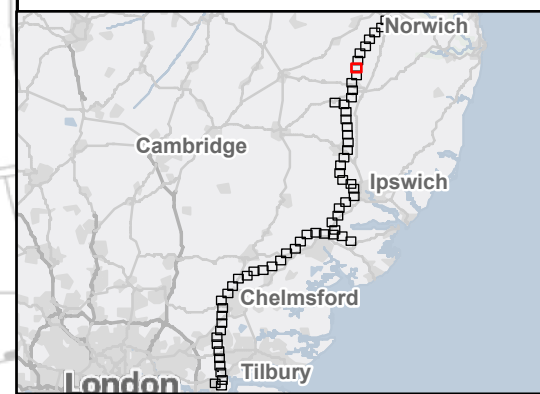
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 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

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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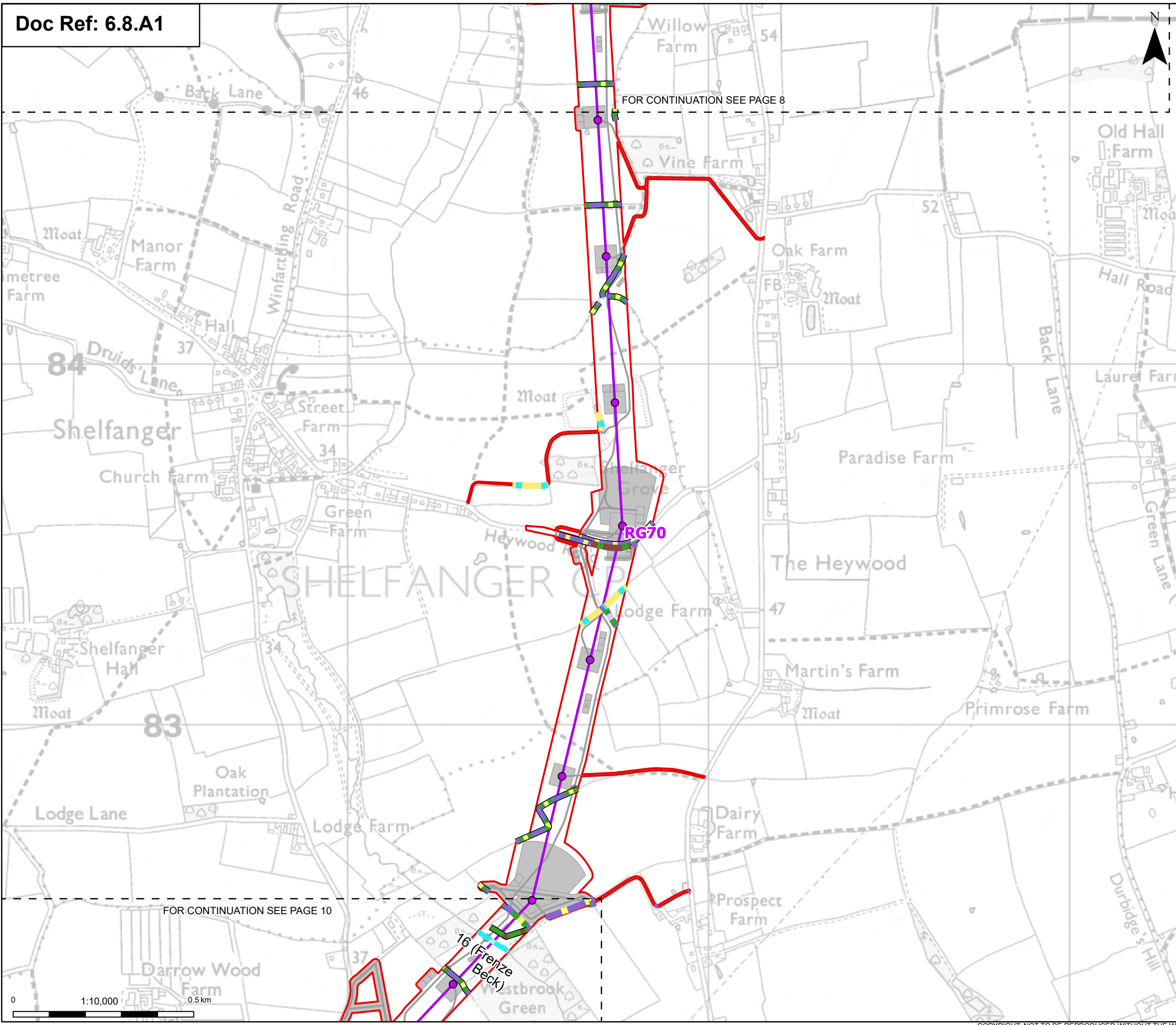
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Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section A
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Approved	K. Burrows	Date	May 26
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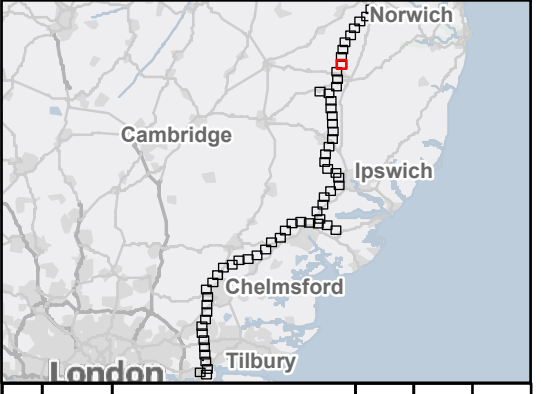


FOR CONTINUATION SEE PAGE 8

FOR CONTINUATION SEE PAGE 10

- Order limits
 - Sheet index outline
 - Proposed standard lattice pylon location
 - Proposed overhead line 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 - 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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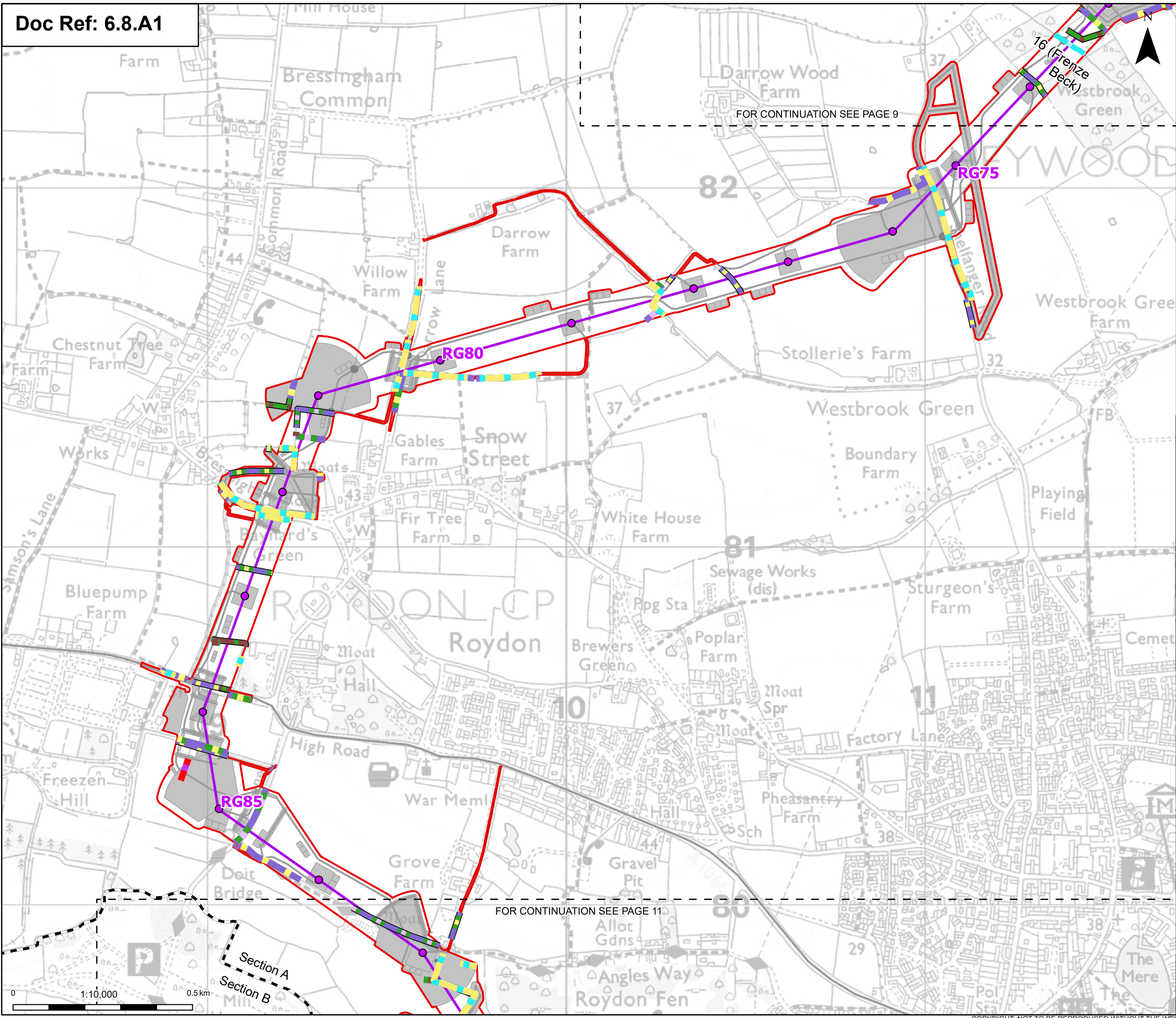
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Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section A
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Approved	K. Burrows	Date	May 26
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Suitability Description:
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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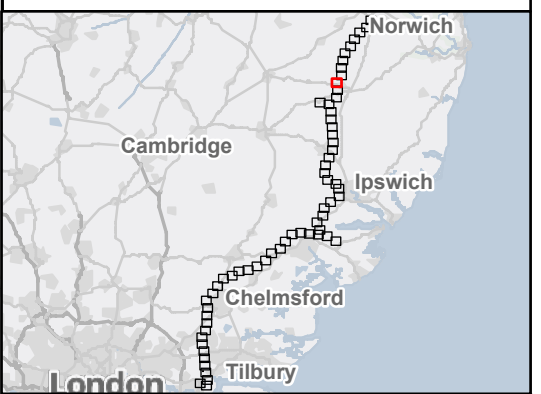
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 Proposed overhead line alignment
 Environmental mitigation
 Other temporary and permanent construction and operational works

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

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
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 Priority habitat

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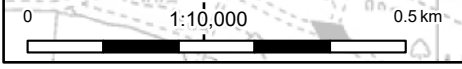
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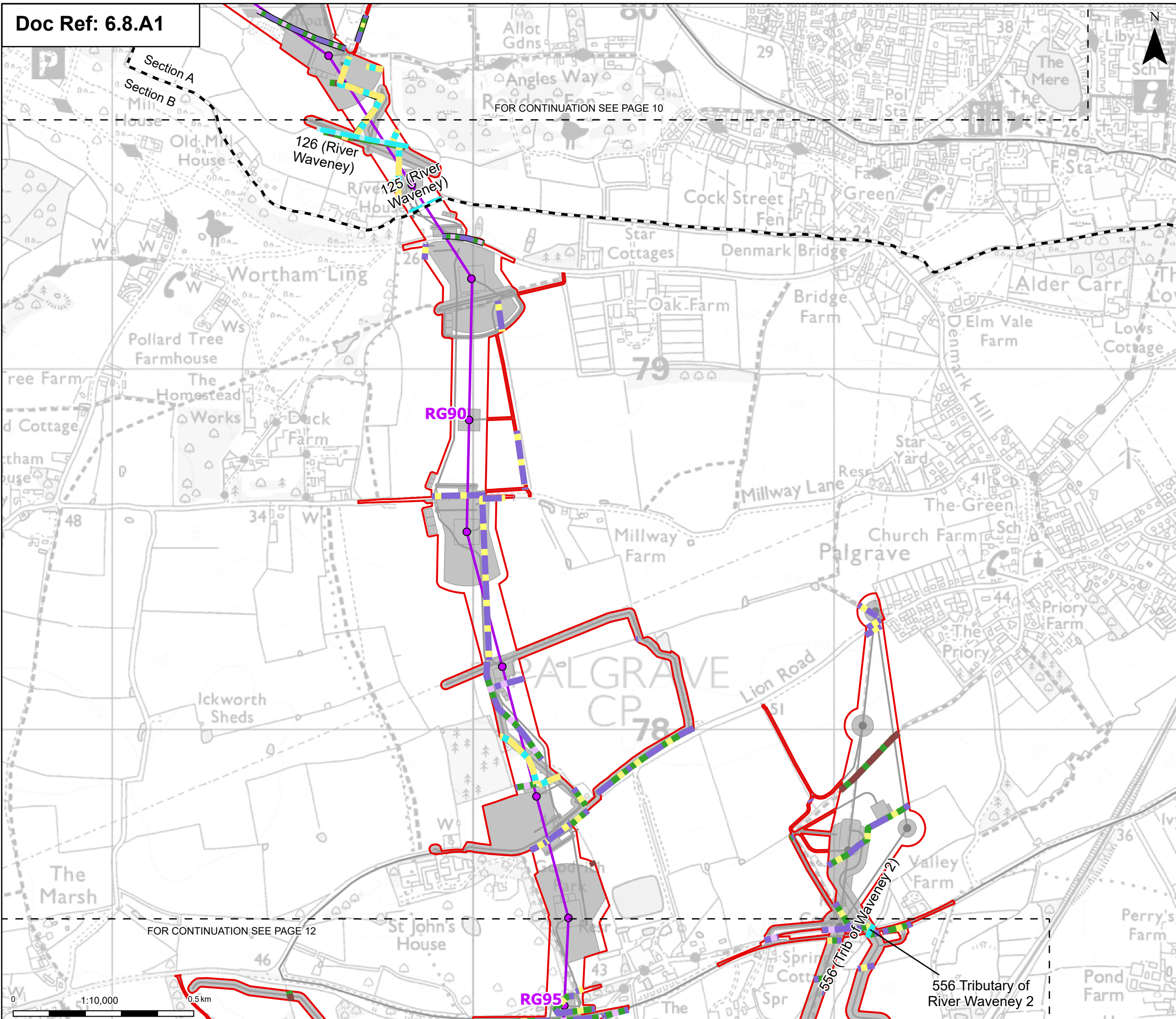
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

Revision:
 C





Order limits

- 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

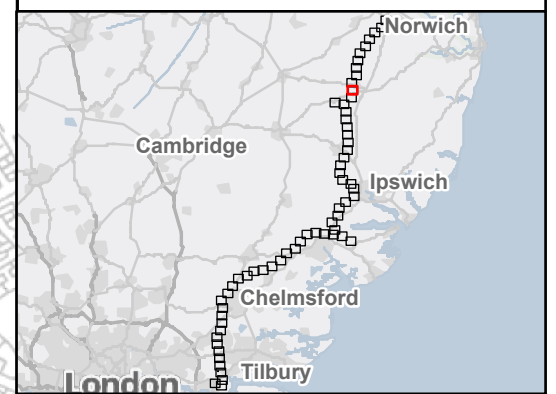
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Species-rich native hedgerow

- 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

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 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
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

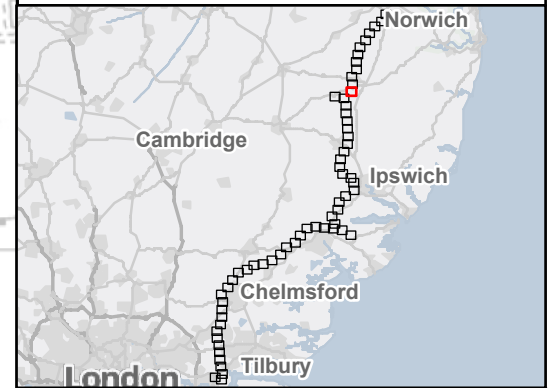
Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
 C

FOR CONTINUATION SEE PAGE 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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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)

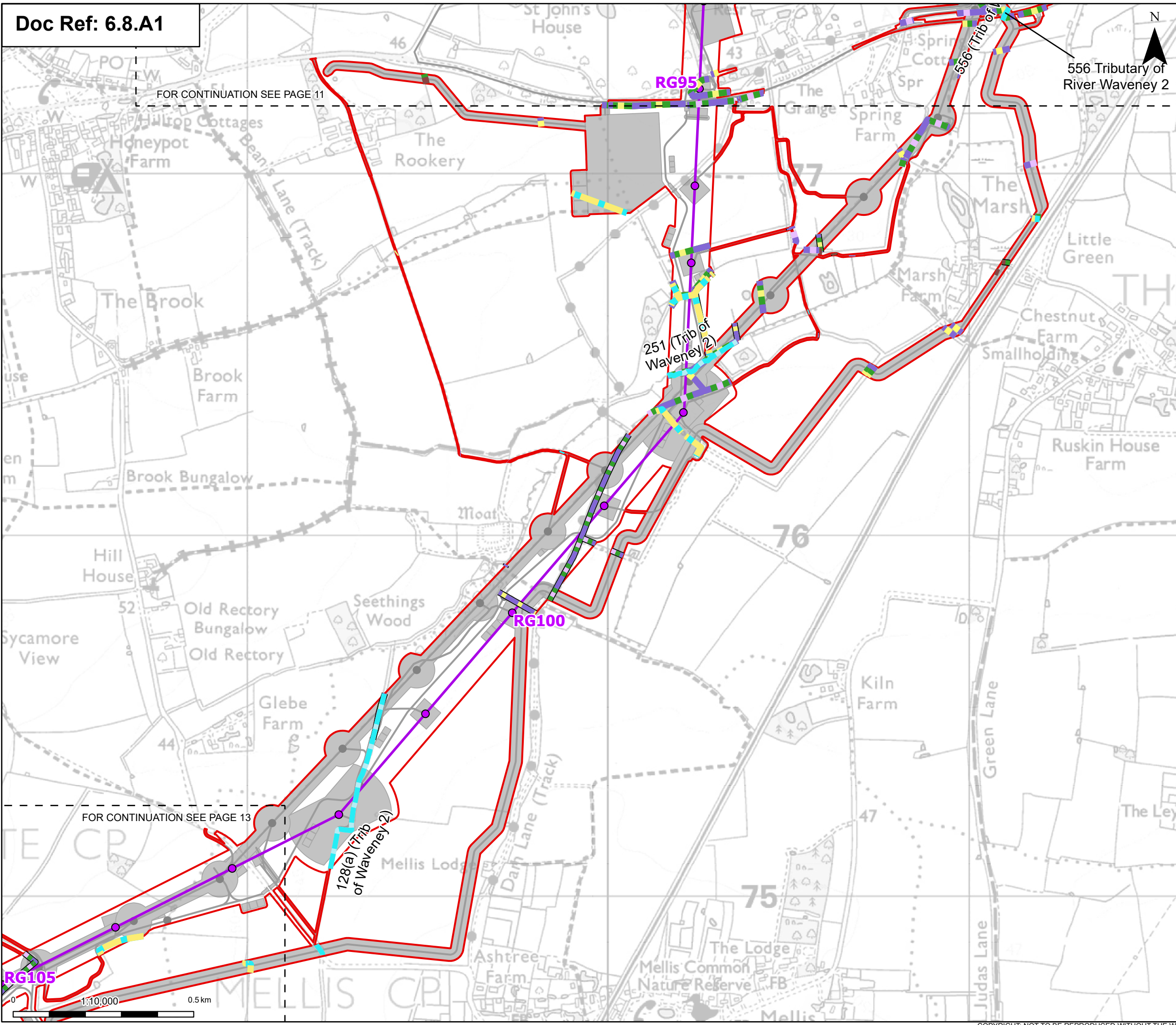
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 Page 12 of 63

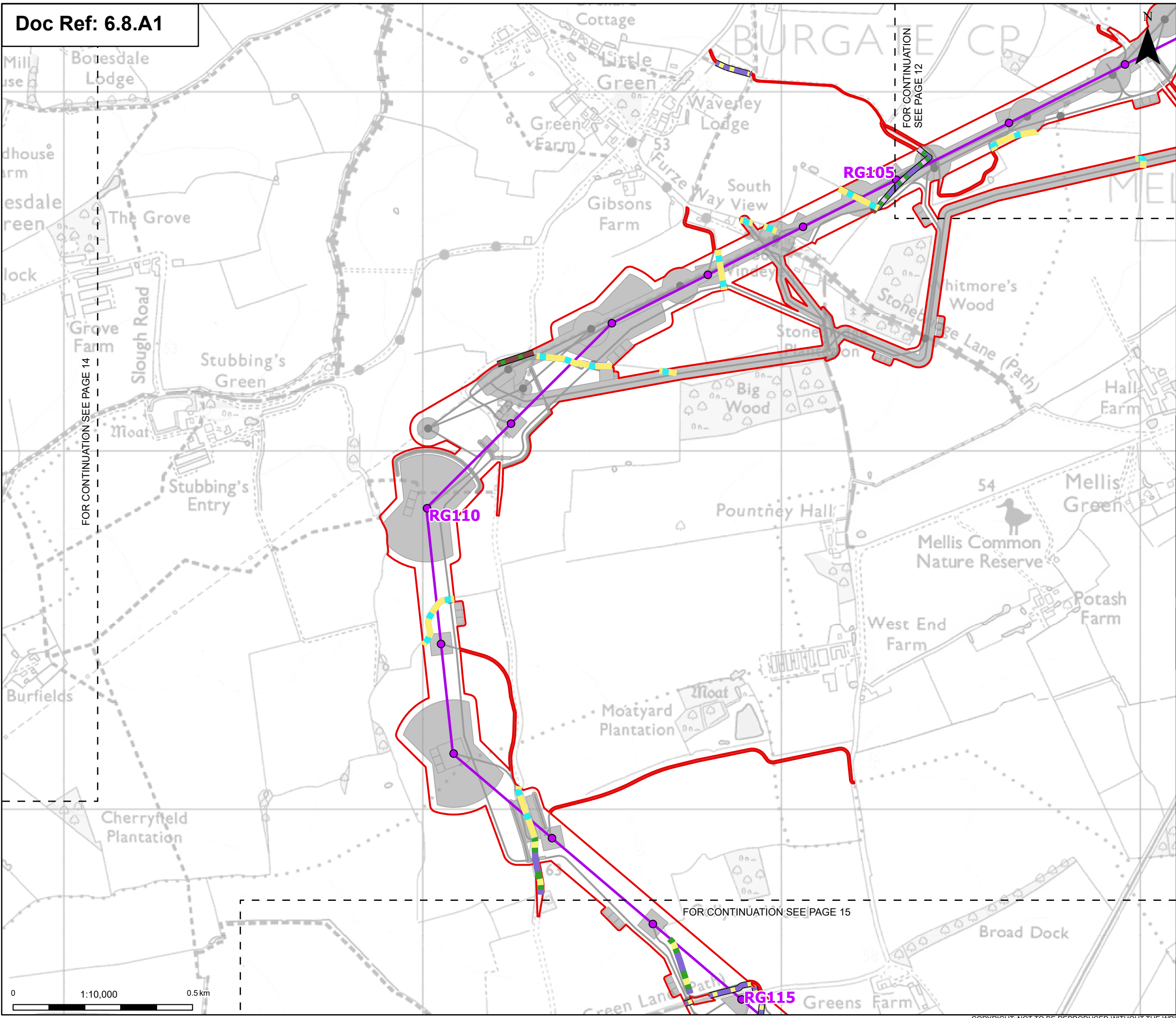
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:
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Drawing Number:
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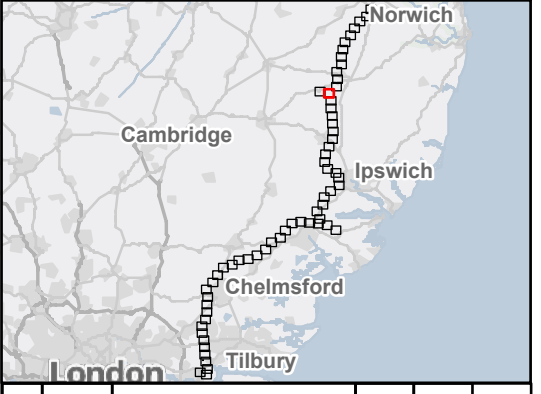
Revision:
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- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
 - Discipline specific 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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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

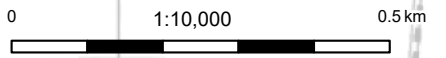
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 Regulation 5(2)(a)&(1)(ii)

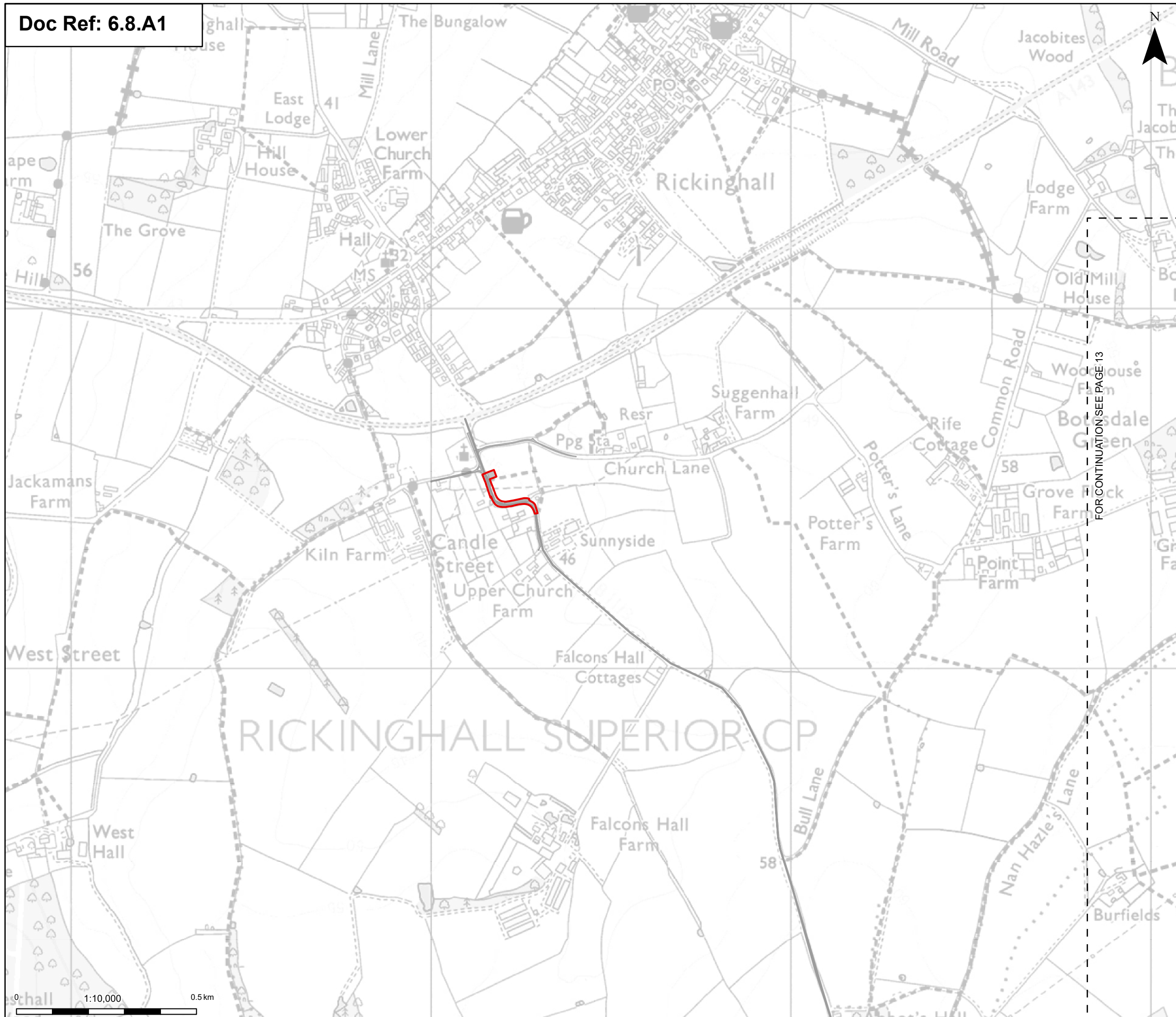
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 13 of 63

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

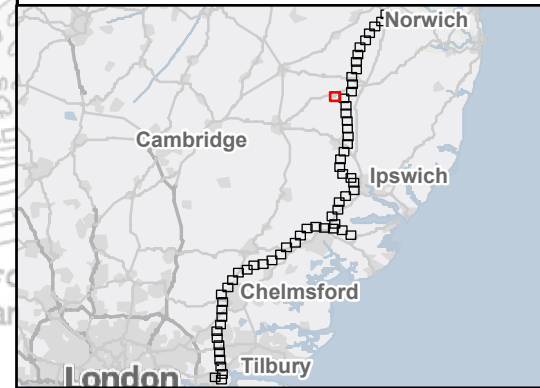
Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision: C
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Order limits
Sheet index outline
Proposed project design details
Other temporary and permanent construction and operational works
 Note: The proposed overhead line alignment and proposed underground 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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PROJECT:
 nationalgrid Norwich to Tilbury

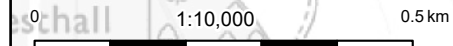
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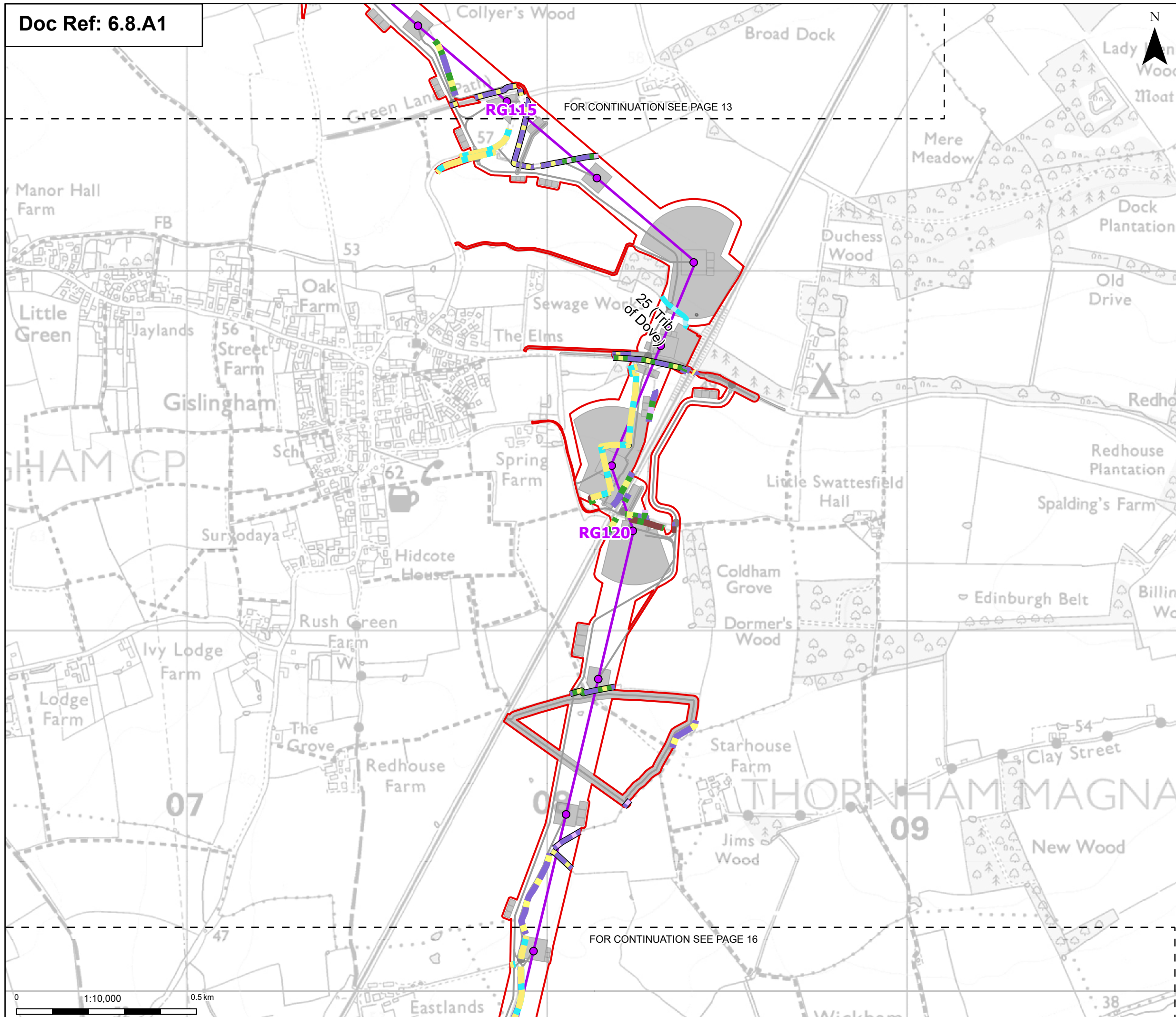
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 Section B
 Page 14 of 63

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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

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

Discipline specific constraints

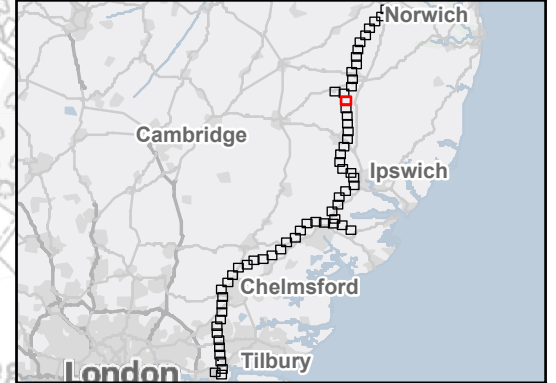
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Legend:

- Order limits
- Sheet index outline
- 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
- 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

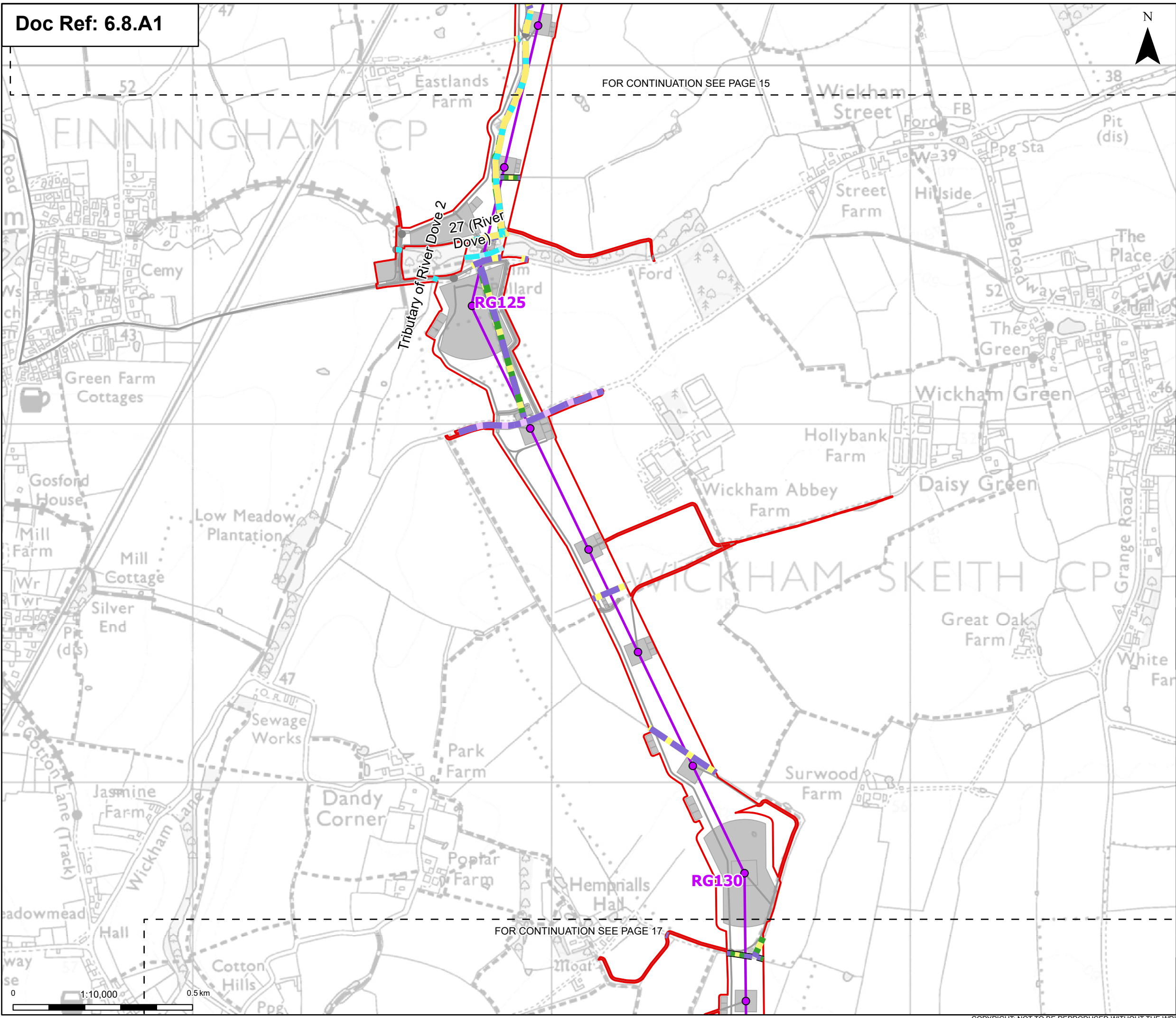
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(1)(ii)

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

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

Discipline specific constraints

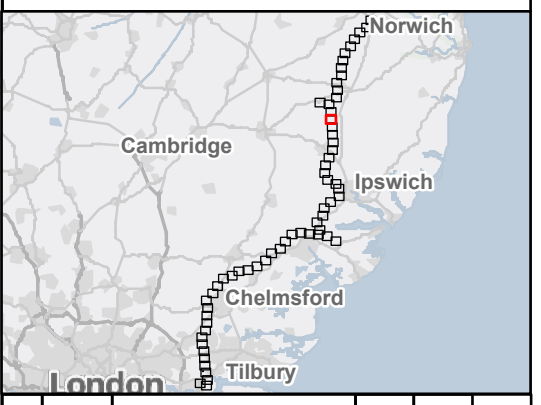
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- Native hedgerow
- Native hedgerow with trees

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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PROJECT:
nationalgrid Norwich to Tilbury

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

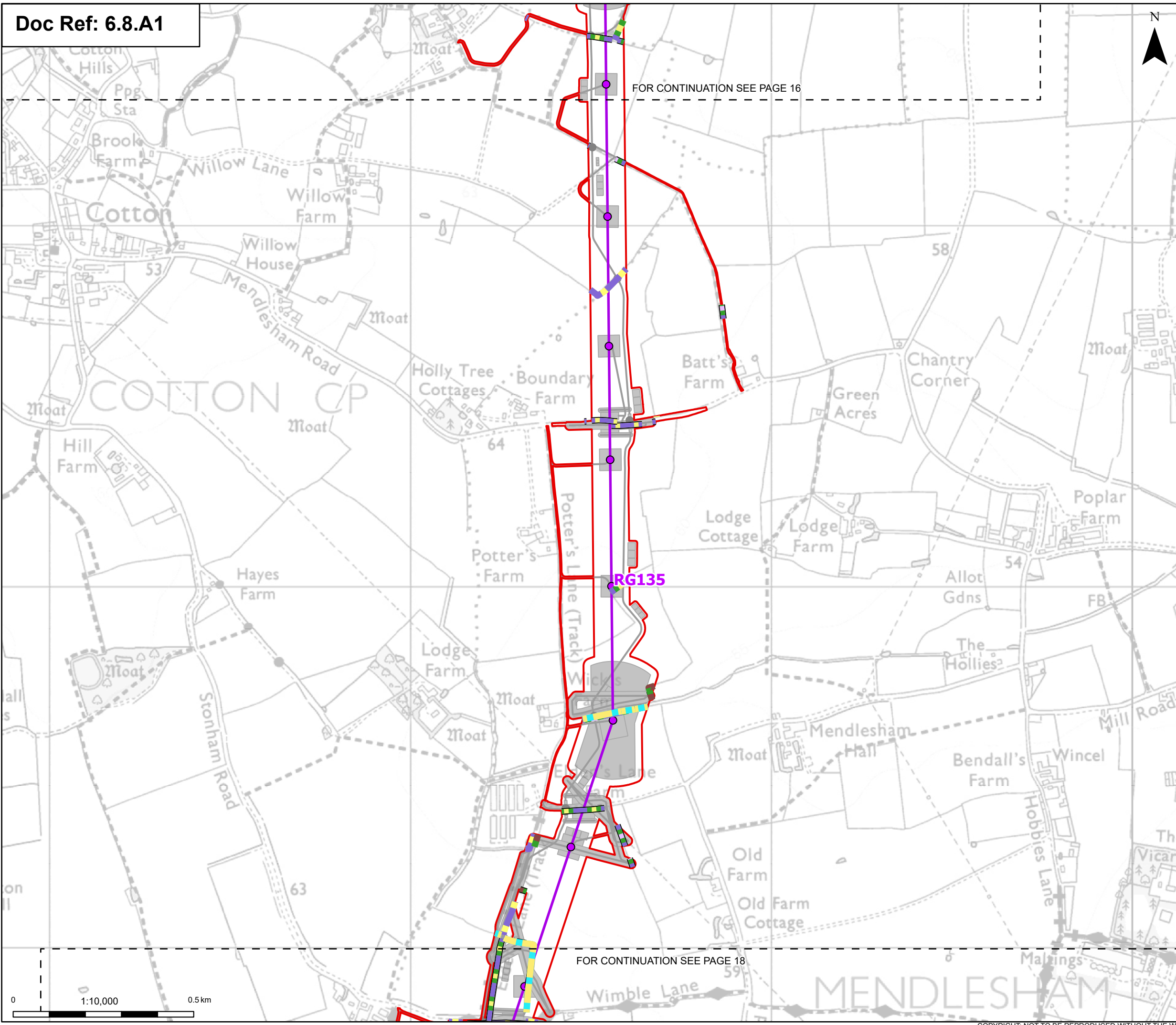
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 Figure A8.1.7 - Ecology and Biodiversity -
 Linear Habitat Survey Results
 Section B
 Page 16 of 63

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

Suitability Description:
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Drawing Number:
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Revision:
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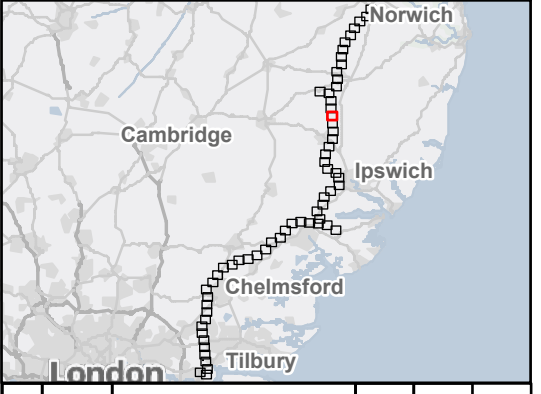
FOR CONTINUATION SEE PAGE 16

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

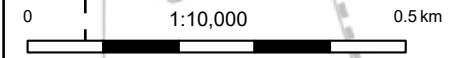
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

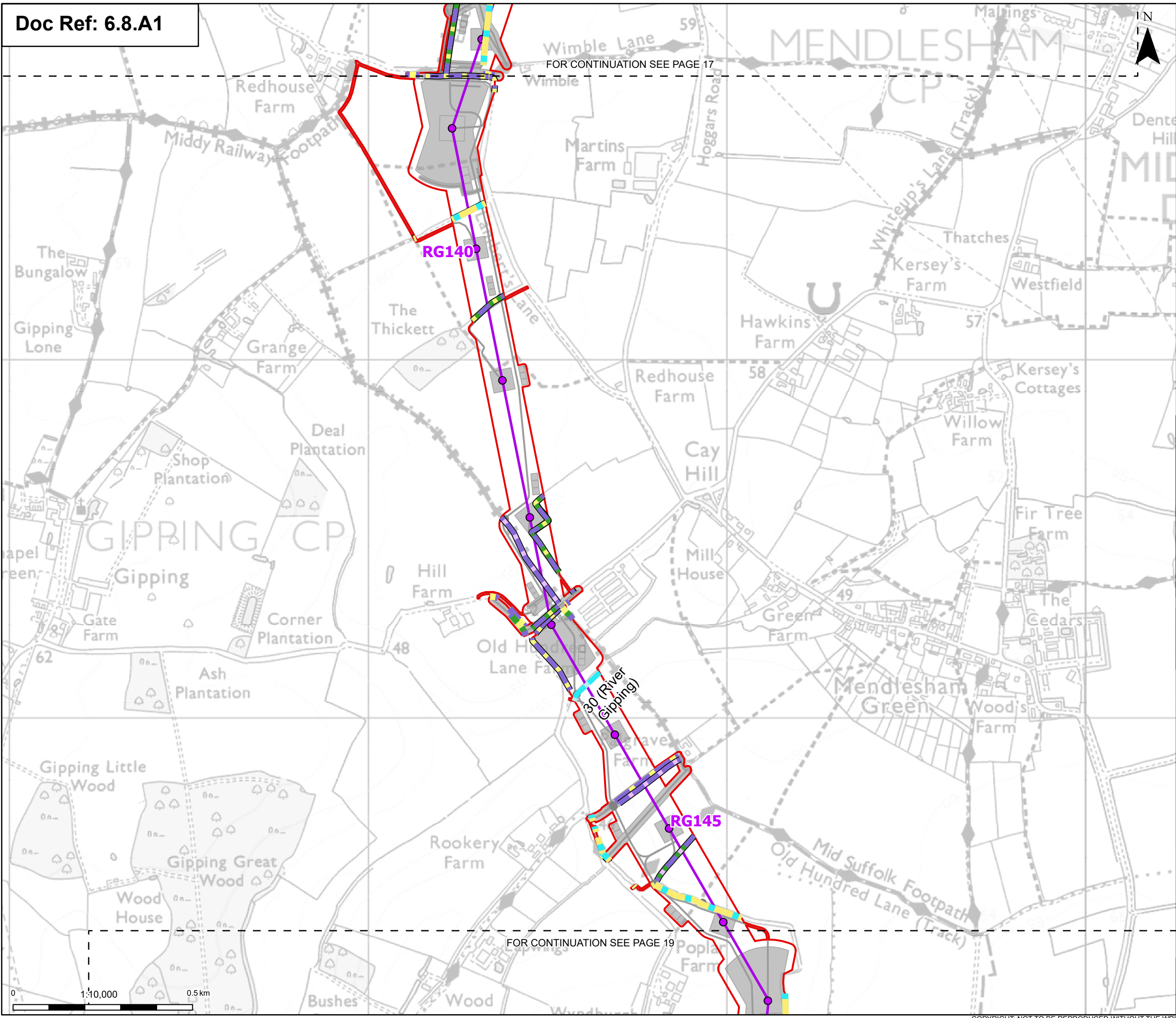
Drawing Number:
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Revision:
C



FOR CONTINUATION SEE PAGE 17

FOR CONTINUATION SEE PAGE 19



Order limits
 Sheet index outline

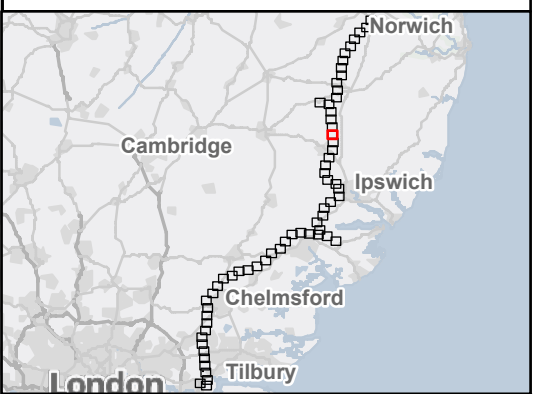
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 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

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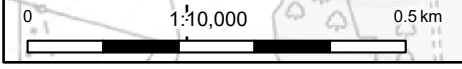
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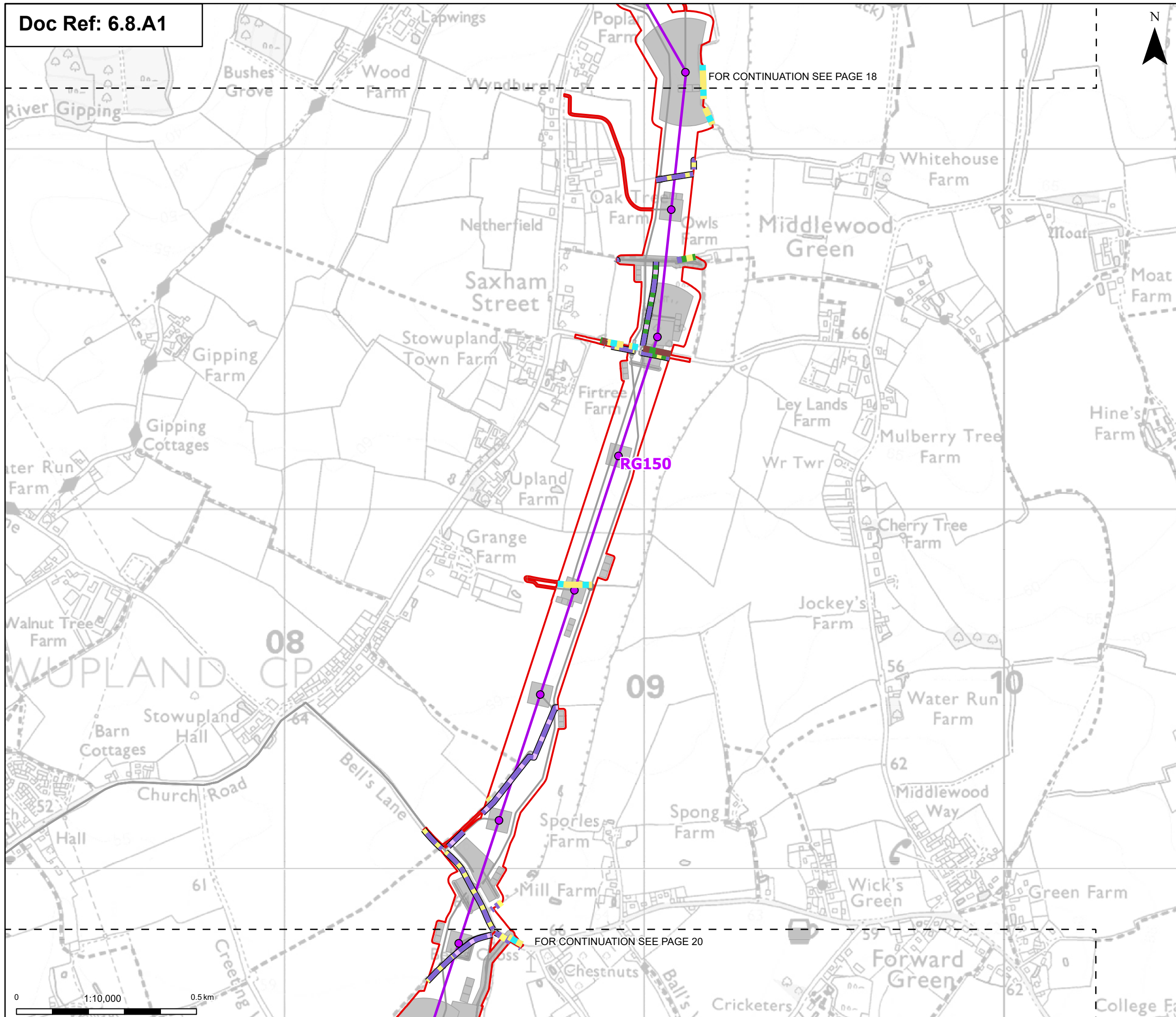
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 18 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Description:
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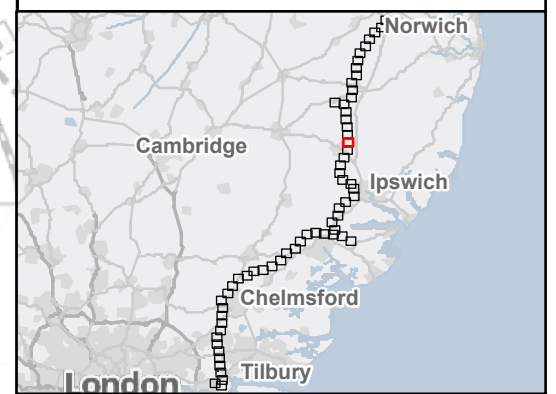
Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision: C
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- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent 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

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

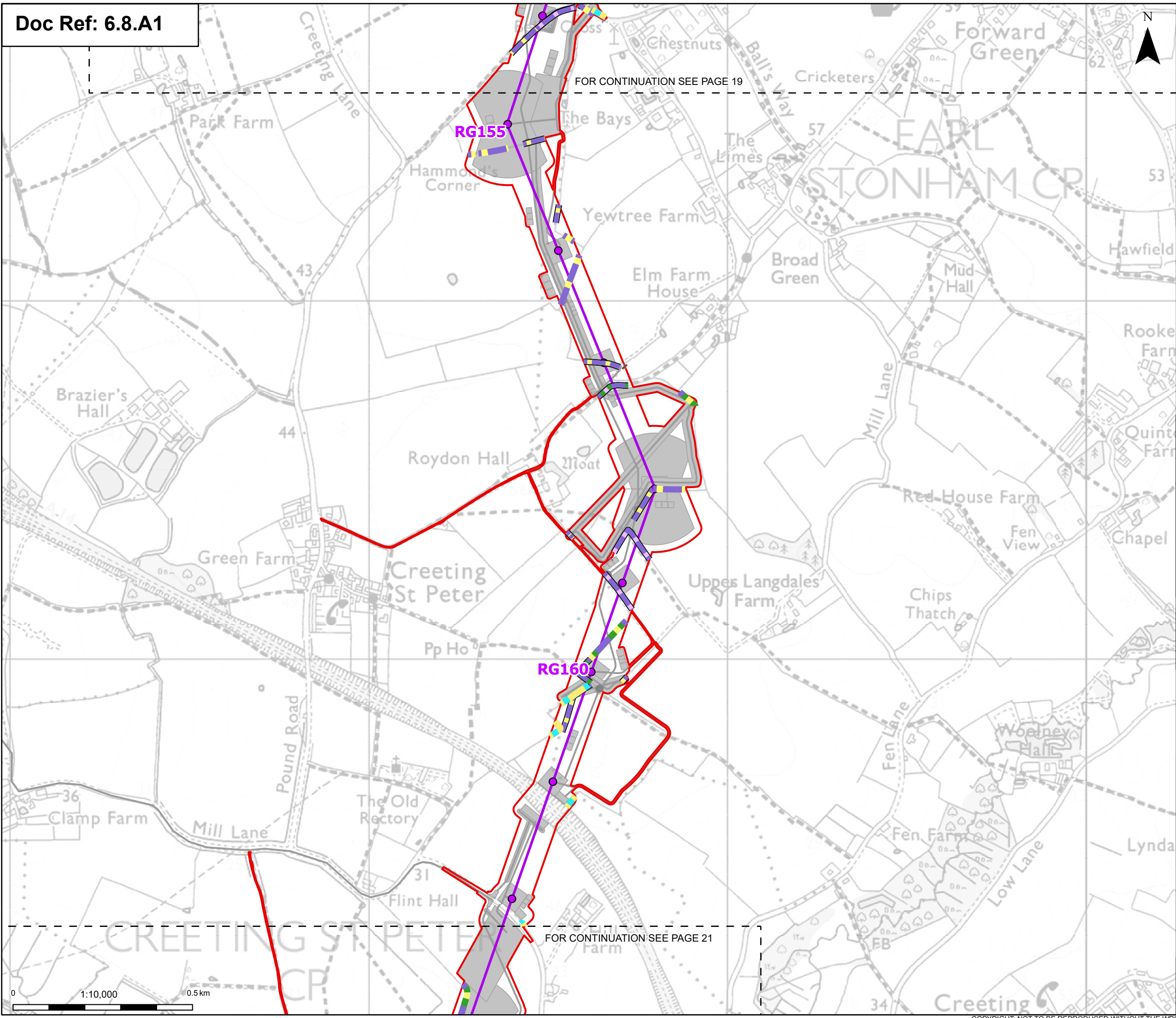
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section B
 Page 19 of 63

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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
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Suitability Description:
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Drawing Number:
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Revision:
C

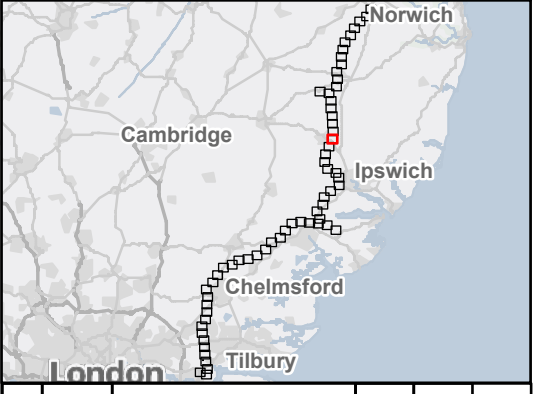


FOR CONTINUATION SEE PAGE 19

FOR CONTINUATION SEE PAGE 21

- 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
 - 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
 - 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

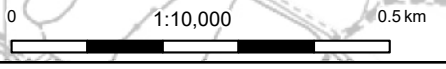
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 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 20 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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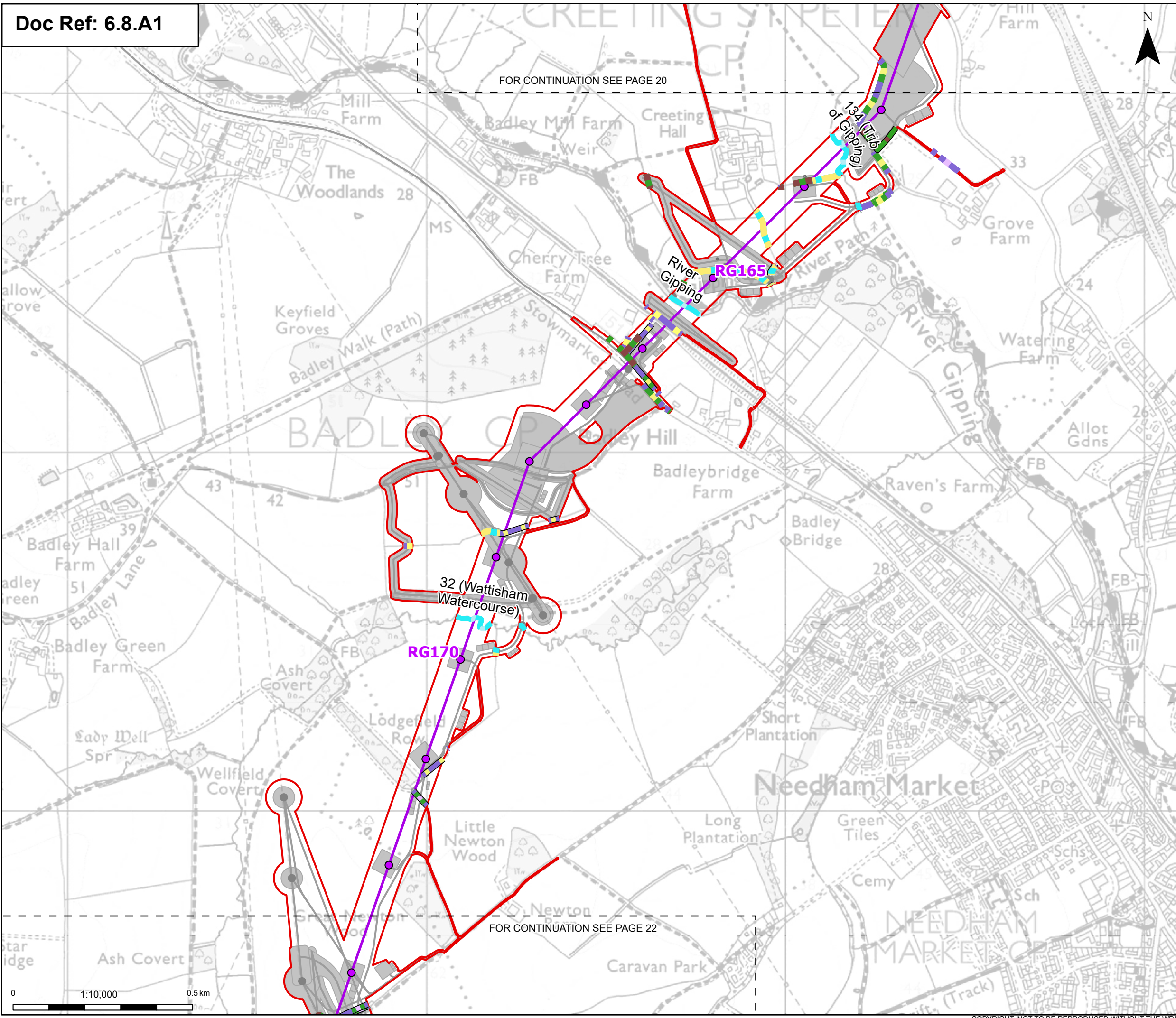
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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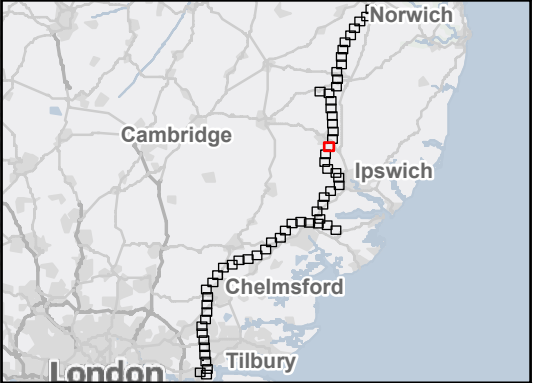
FOR CONTINUATION SEE PAGE 20

FOR CONTINUATION SEE PAGE 22



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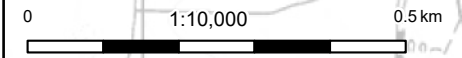
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 21 of 63

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
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Suitability Code:	A2	Project Number:	10059280

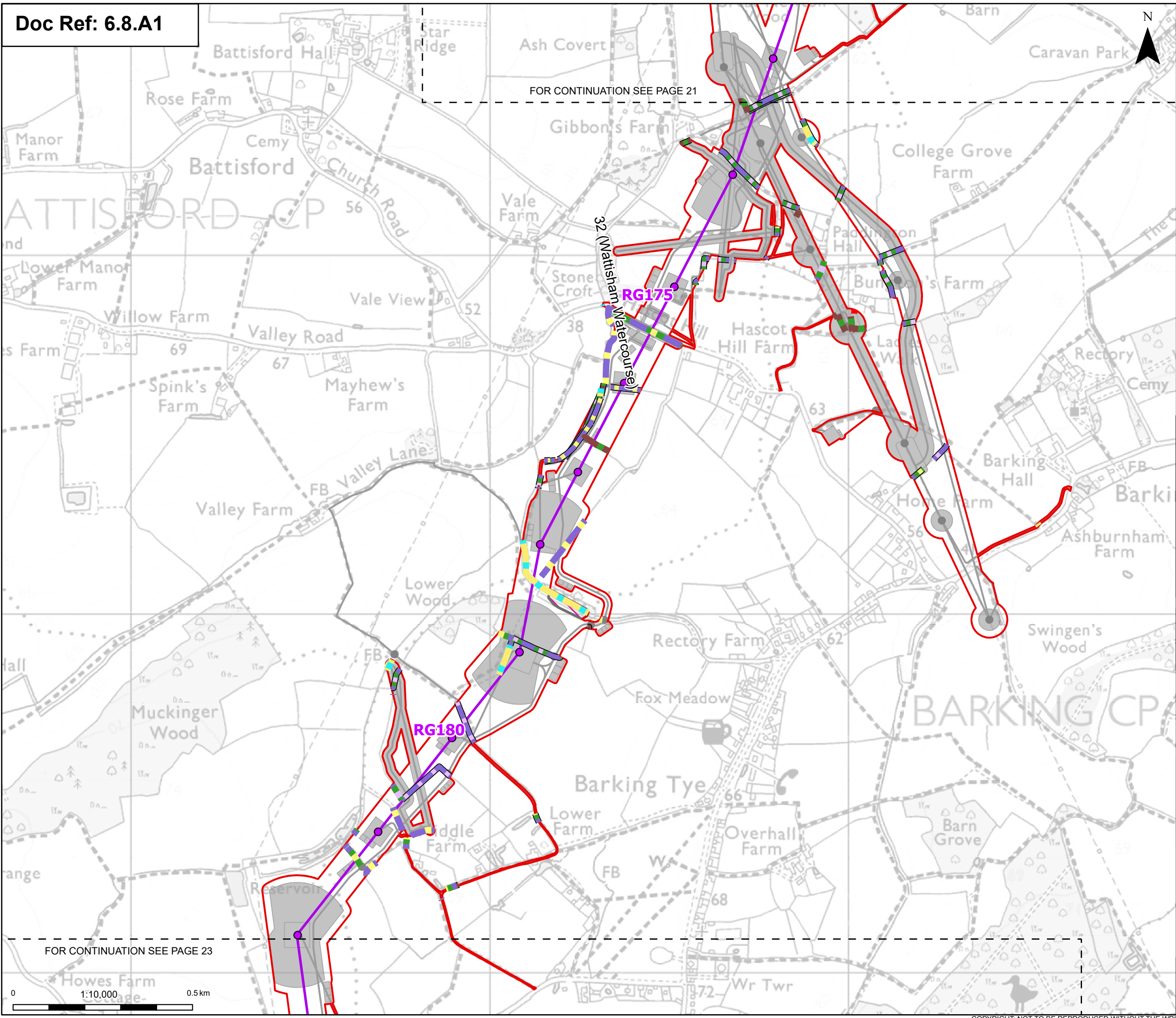
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Drawing Number:
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Revision:
 C



FOR CONTINUATION SEE PAGE 21



Order limits
 Sheet index outline

Proposed project design details

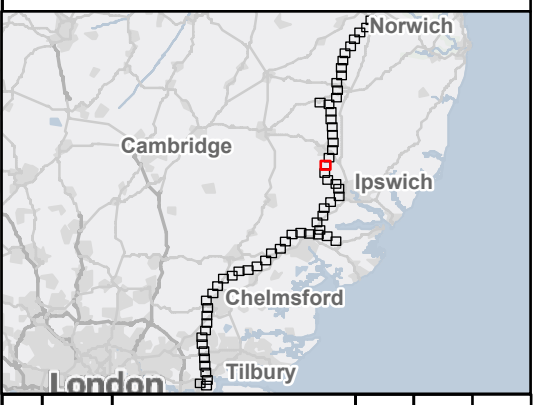
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

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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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

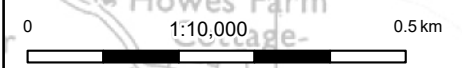
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Approved	K. Burrows	Date	May 26
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Suitability Description:
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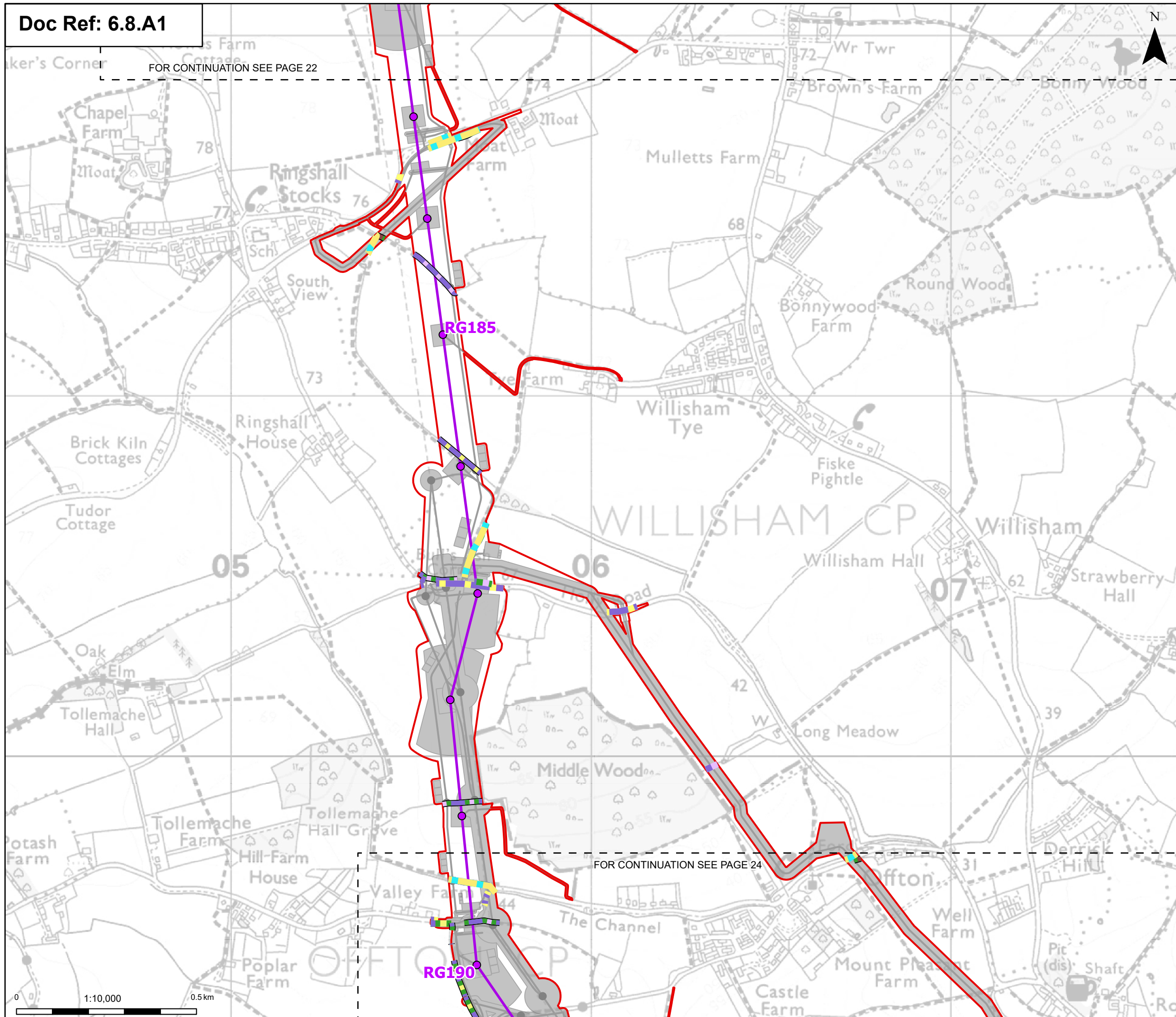
Drawing Number:
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Revision:
C

FOR CONTINUATION SEE PAGE 23



FOR CONTINUATION SEE PAGE 22



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

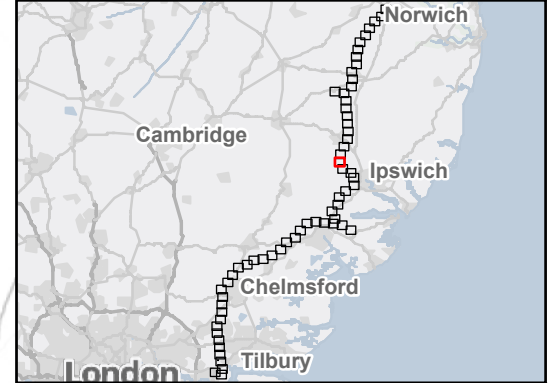
Discipline specific constraints

- 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
- 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
- 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)

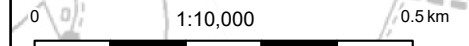
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section B
 Page 23 of 63

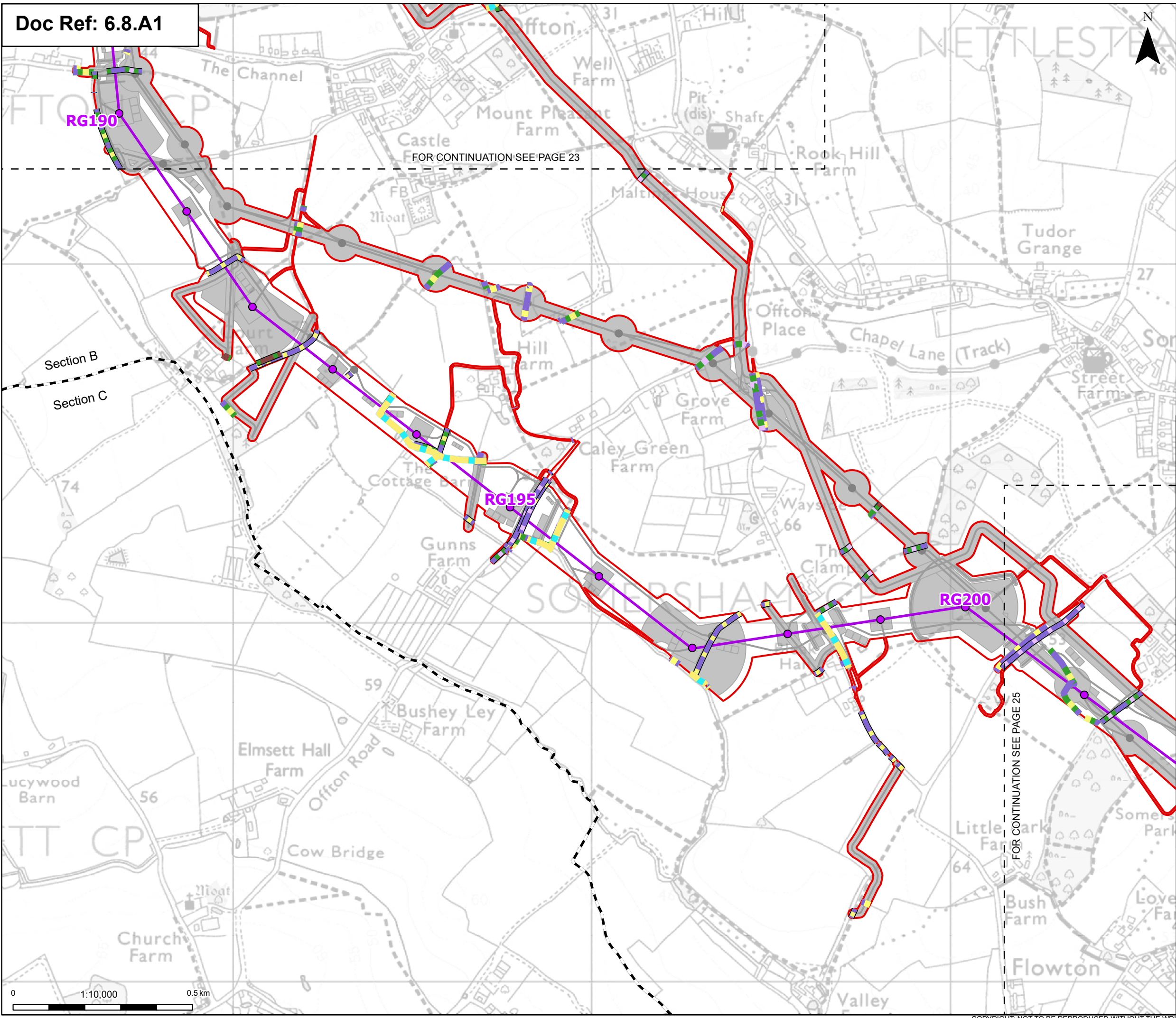
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

Revision:
 C





Order limits

- Sheet index outline
- Project section line

Proposed project design details

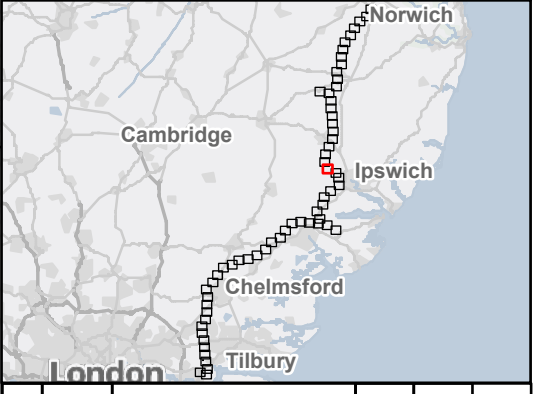
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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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nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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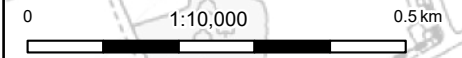
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections B and C
 Page 24 of 63

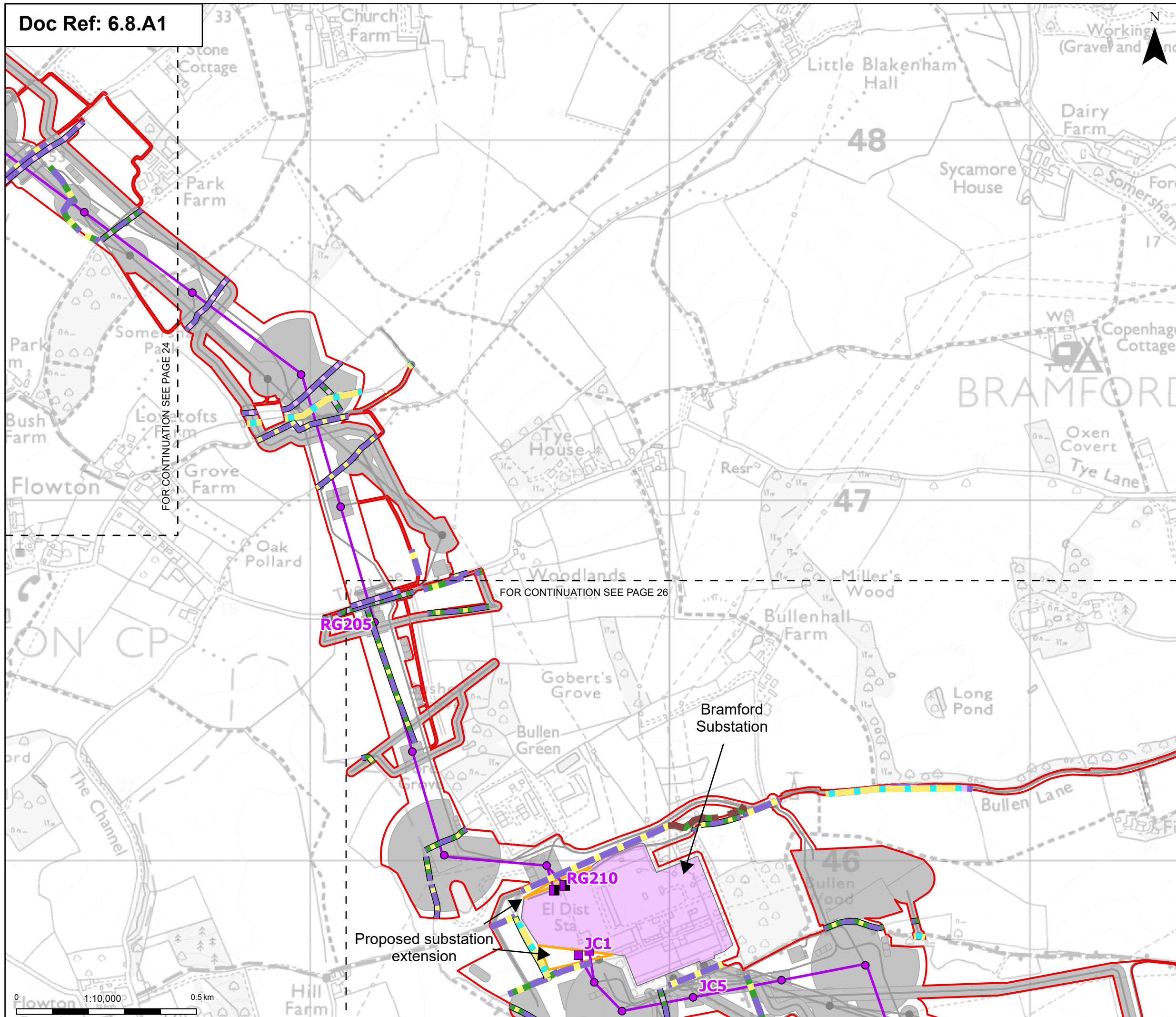
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

Revision:
C





Proposed project design details

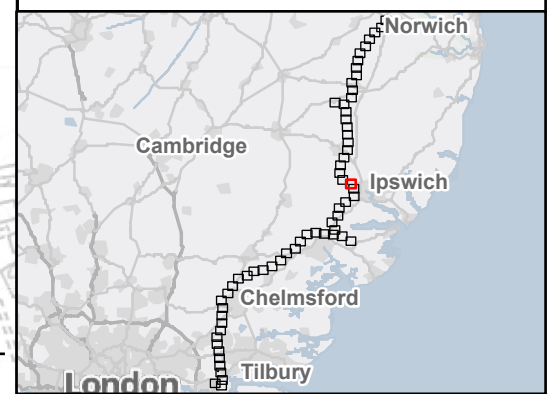
- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

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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nationalgrid Norwich to Tilbury

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

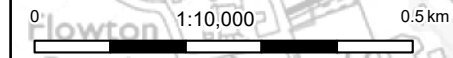
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 Figure A8.1.7 - Ecology and Biodiversity -
 Linear Habitat Survey Results
 Section B
 Page 25 of 63

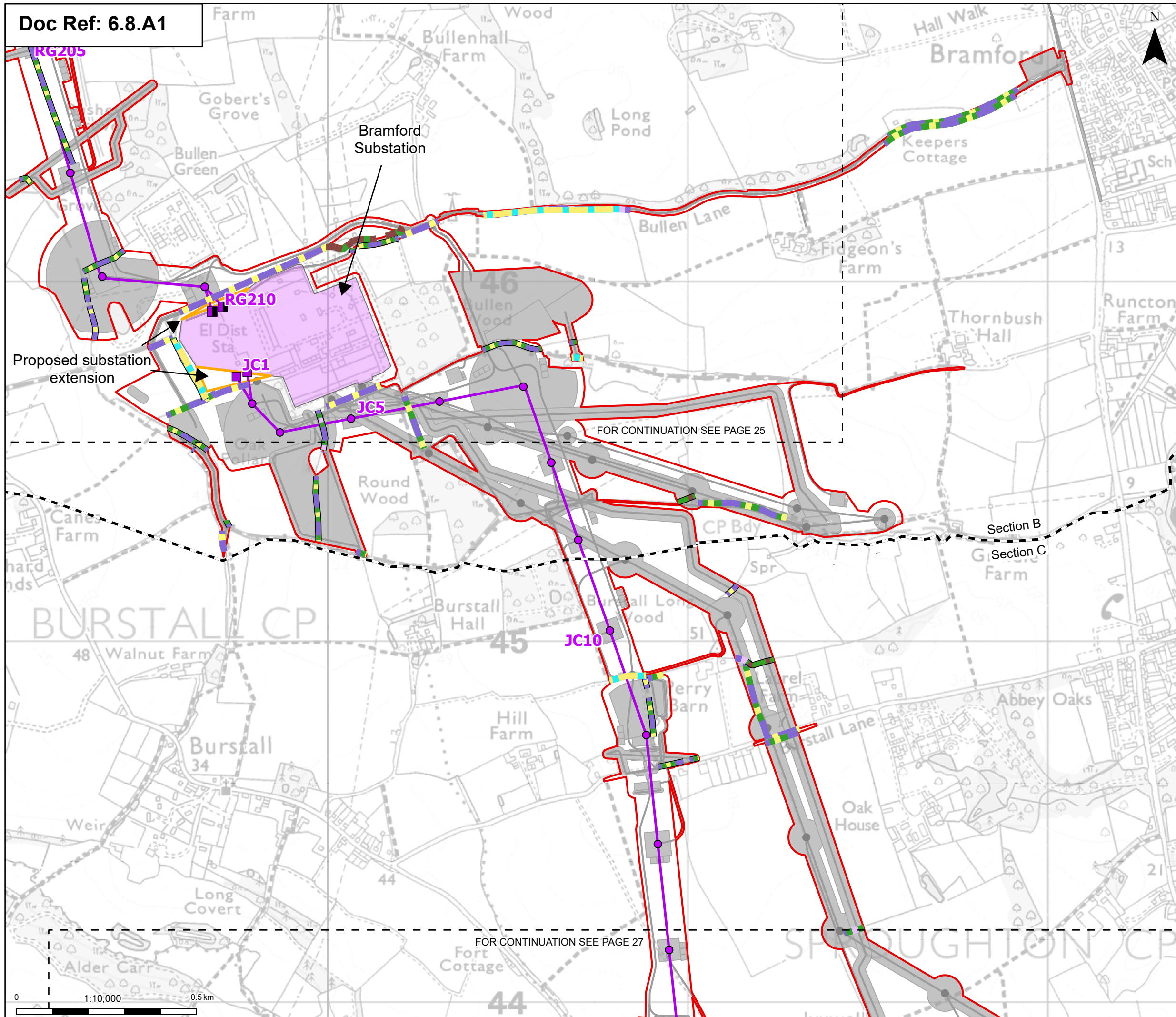
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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Revision:
C





Order limits

- Sheet index outline
- Project section line

Proposed project design details

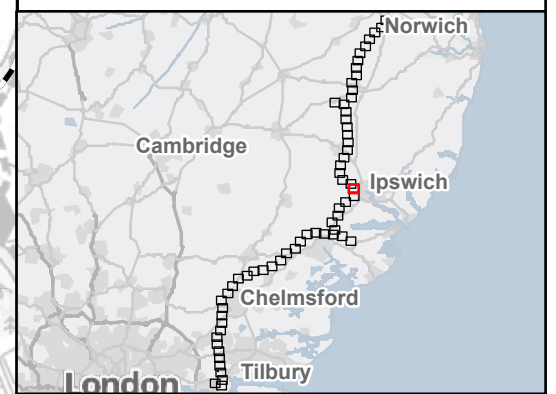
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

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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PROJECT:
nationalgrid Norwich to Tilbury

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

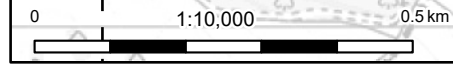
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 Page 26 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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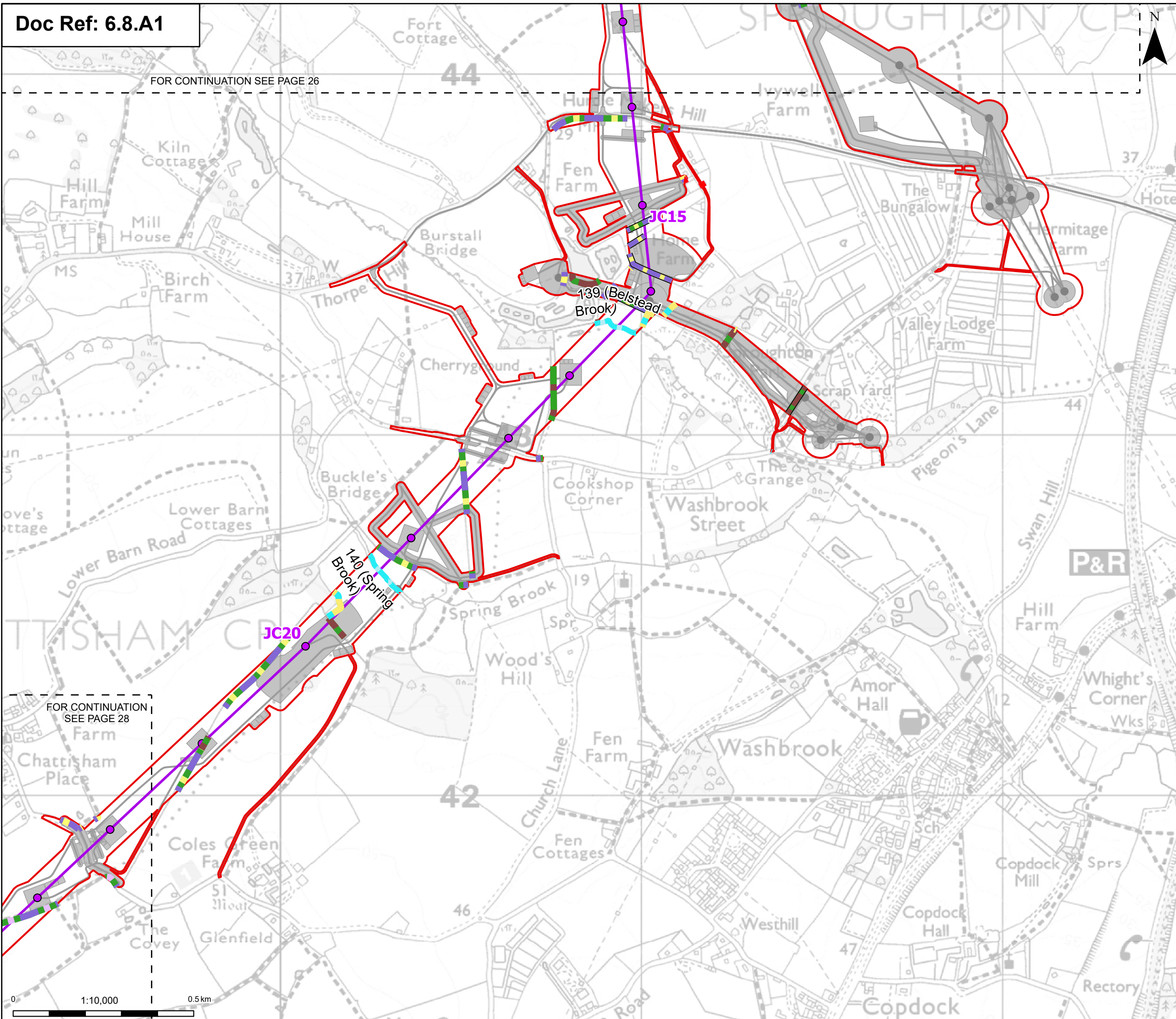
Suitability Description:
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Drawing Number:
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Revision:
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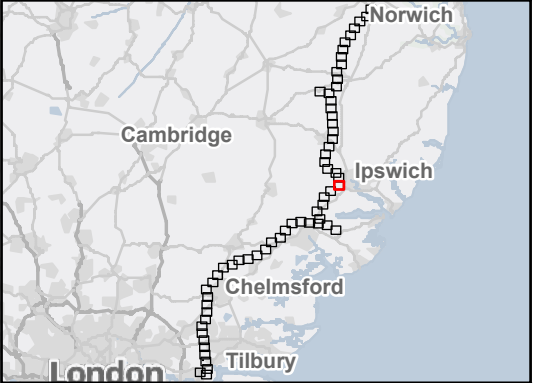


FOR CONTINUATION SEE PAGE 26



- ▬ 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

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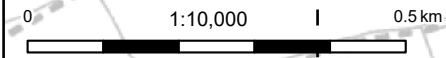
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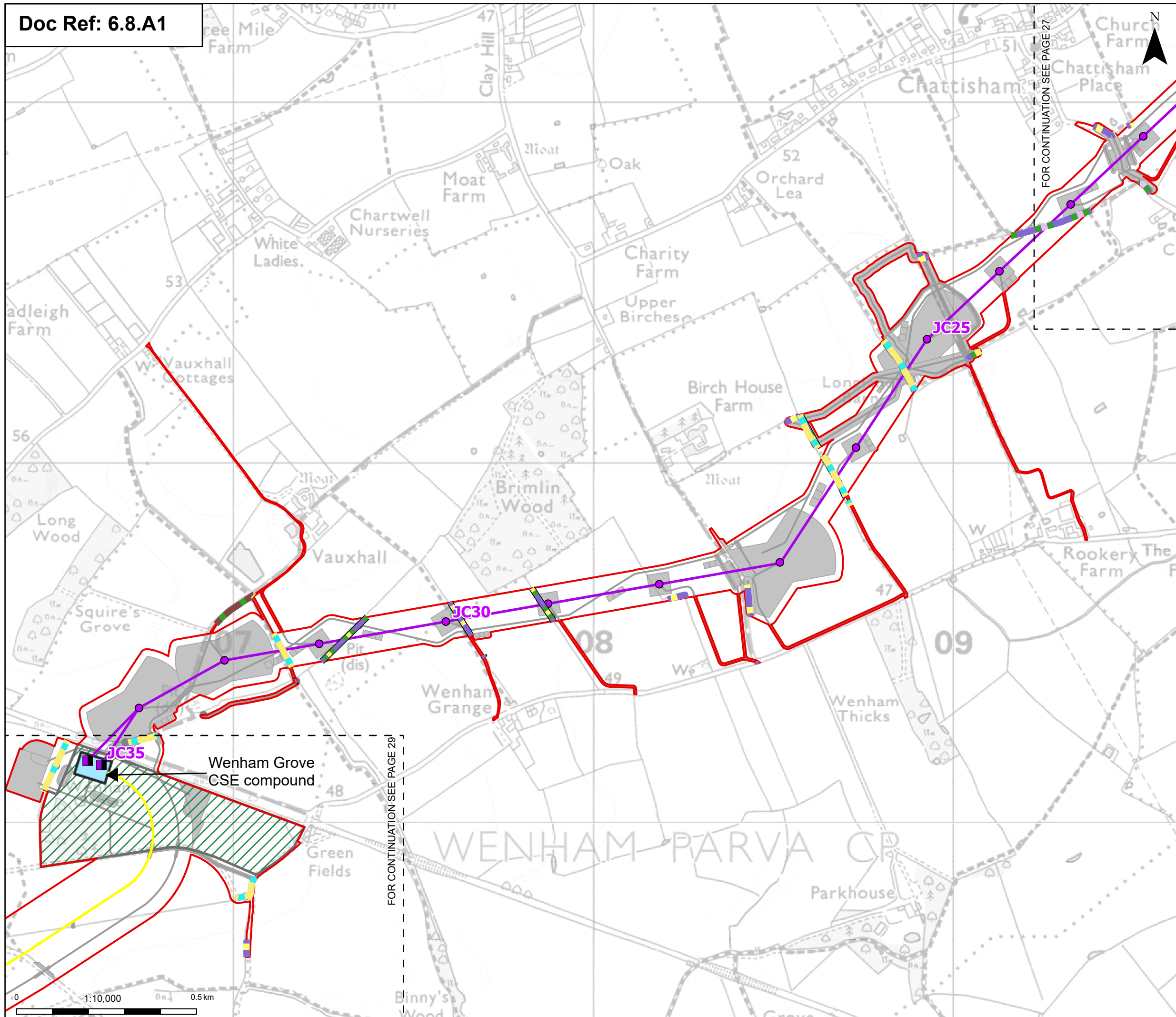
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section C
 Page 27 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

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410
 Revision: C





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

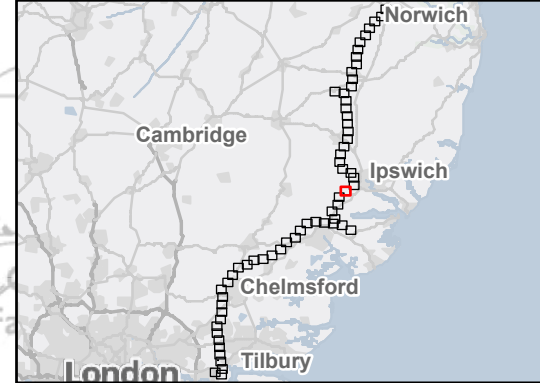
- Native hedgerow

Native hedgerow - associated with bank or ditch

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

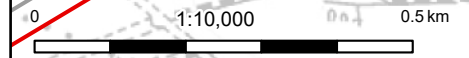
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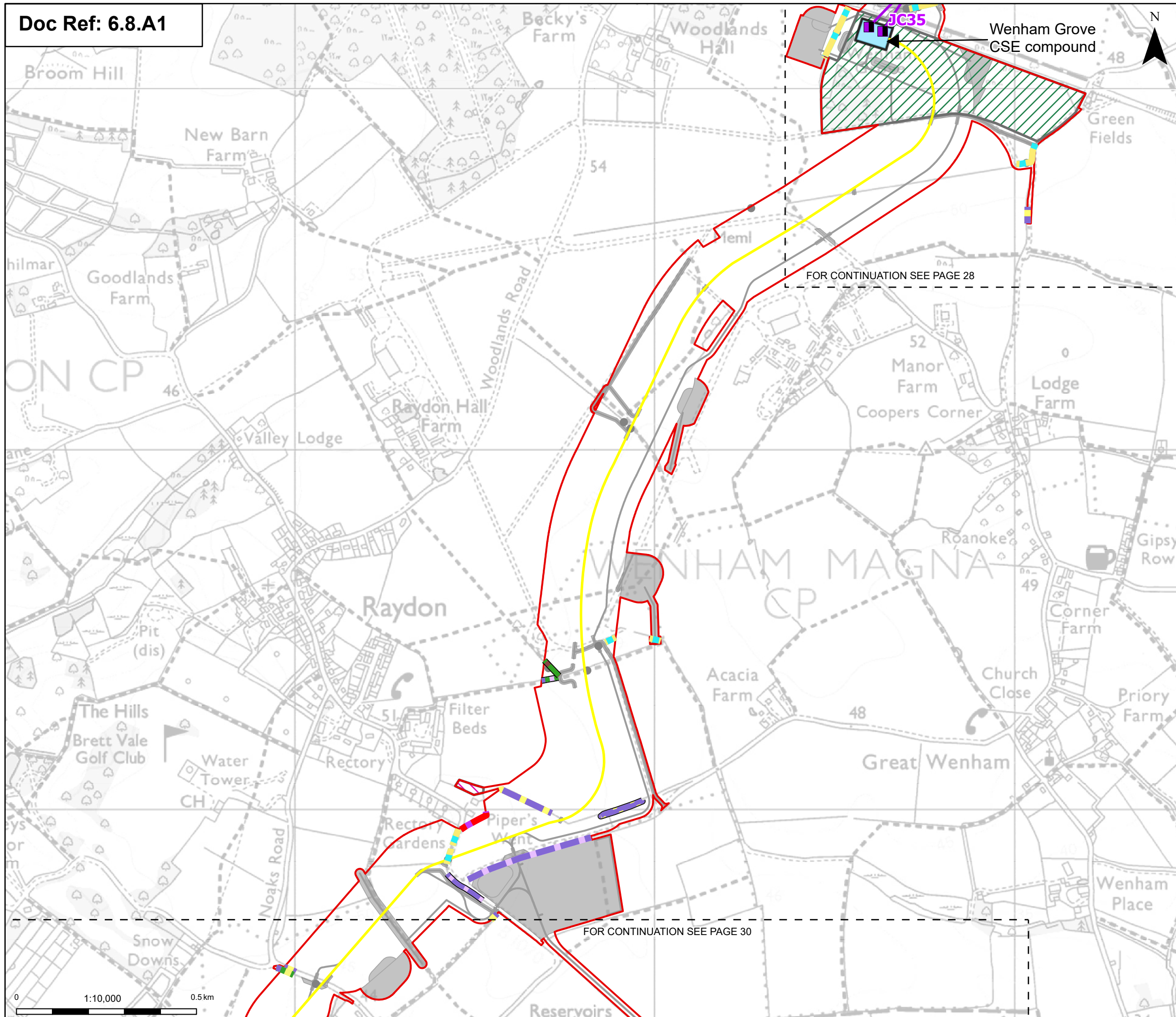
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 Section C
 Page 28 of 63

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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

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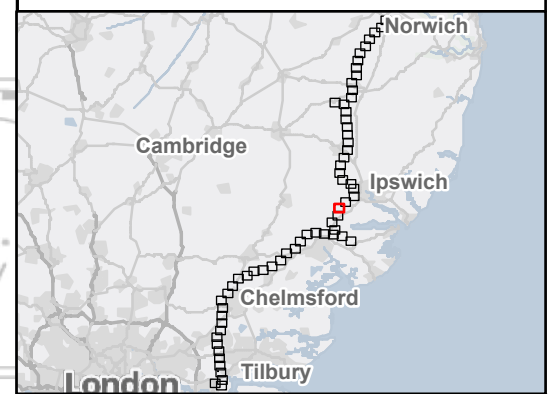
- Order limits
- Sheet index outline
- Proposed full line tension gantry
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational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

Discipline specific constraints

- 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)

Title:
 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:
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Drawing Number:
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Revision:
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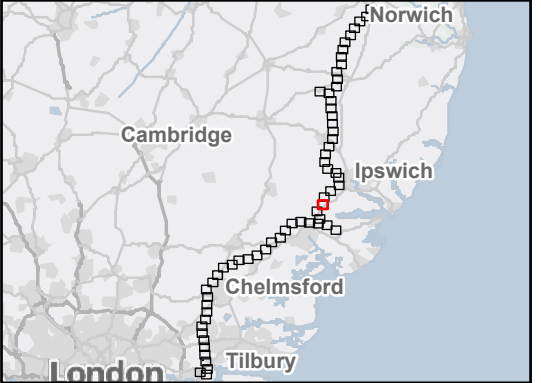
FOR CONTINUATION SEE PAGE 29

FOR CONTINUATION SEE PAGE 31



- Order limits
 - Sheet index outline
 - Proposed underground cable alignment
 - Other temporary and permanent construction and operational works
 - 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
- 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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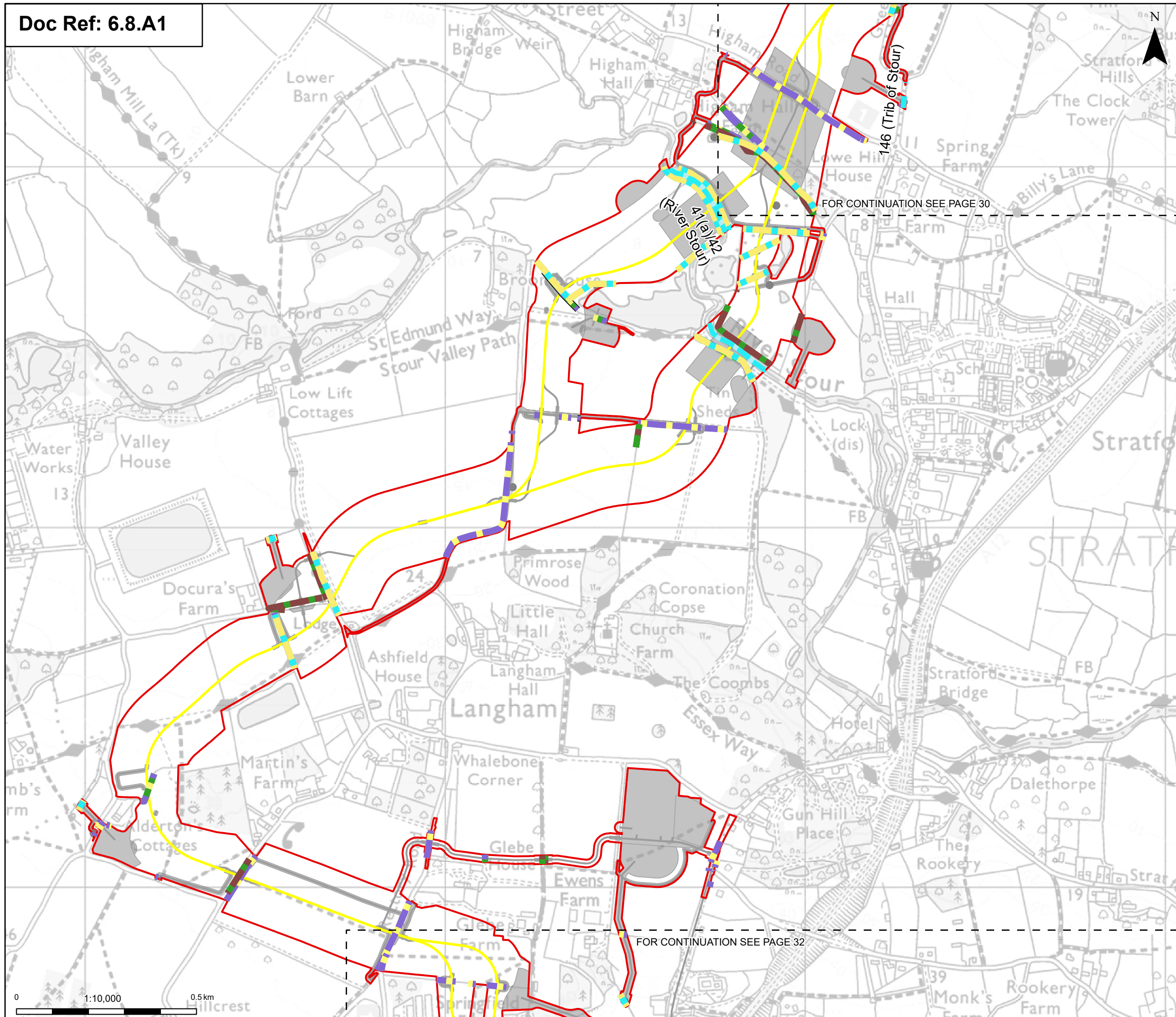
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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 C
 Page 30 of 63

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

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



Order limits
 Sheet index outline
 Proposed project design details

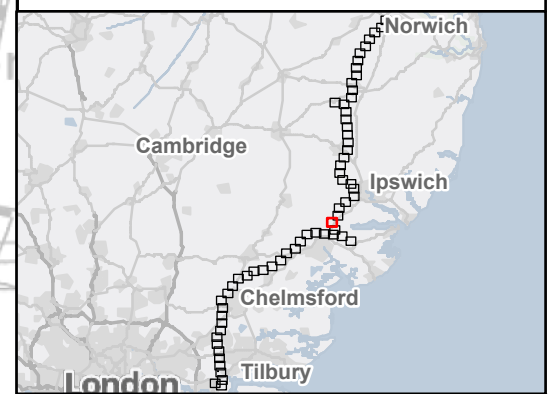
Proposed underground cable alignment
 Other temporary and permanent construction and operational works

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
- 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)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section C
 Page 31 of 63

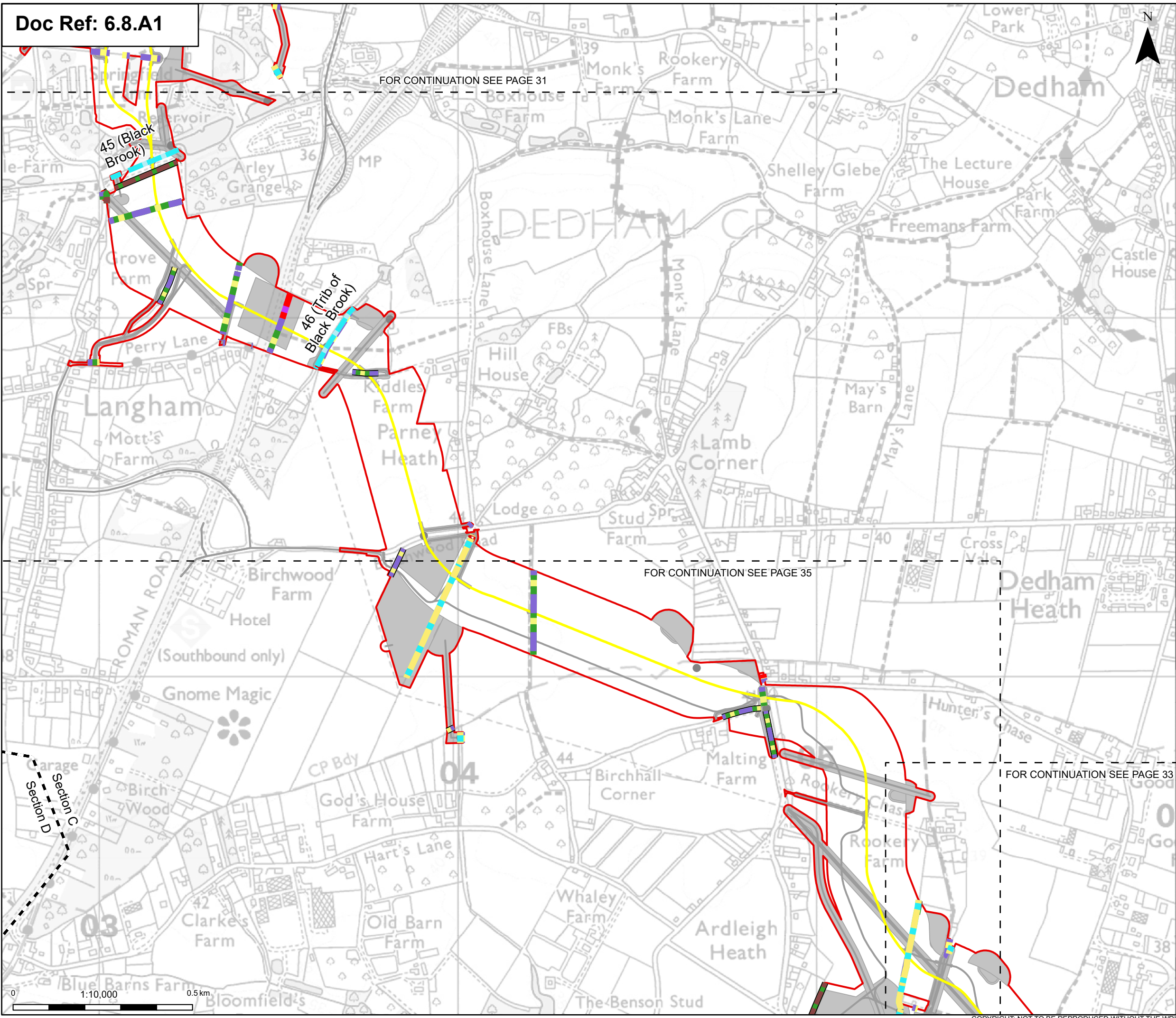
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

Revision:
C





FOR CONTINUATION SEE PAGE 31

FOR CONTINUATION SEE PAGE 35

FOR CONTINUATION SEE PAGE 33

Order limits
 Sheet index outline
 Project section line
 Proposed project design details

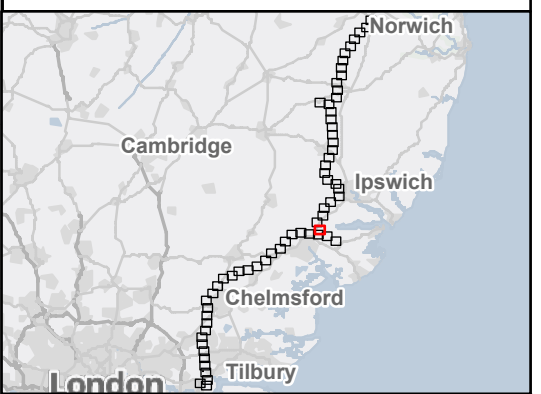
Proposed underground cable alignment
 Other temporary and permanent construction and operational works

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
- 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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

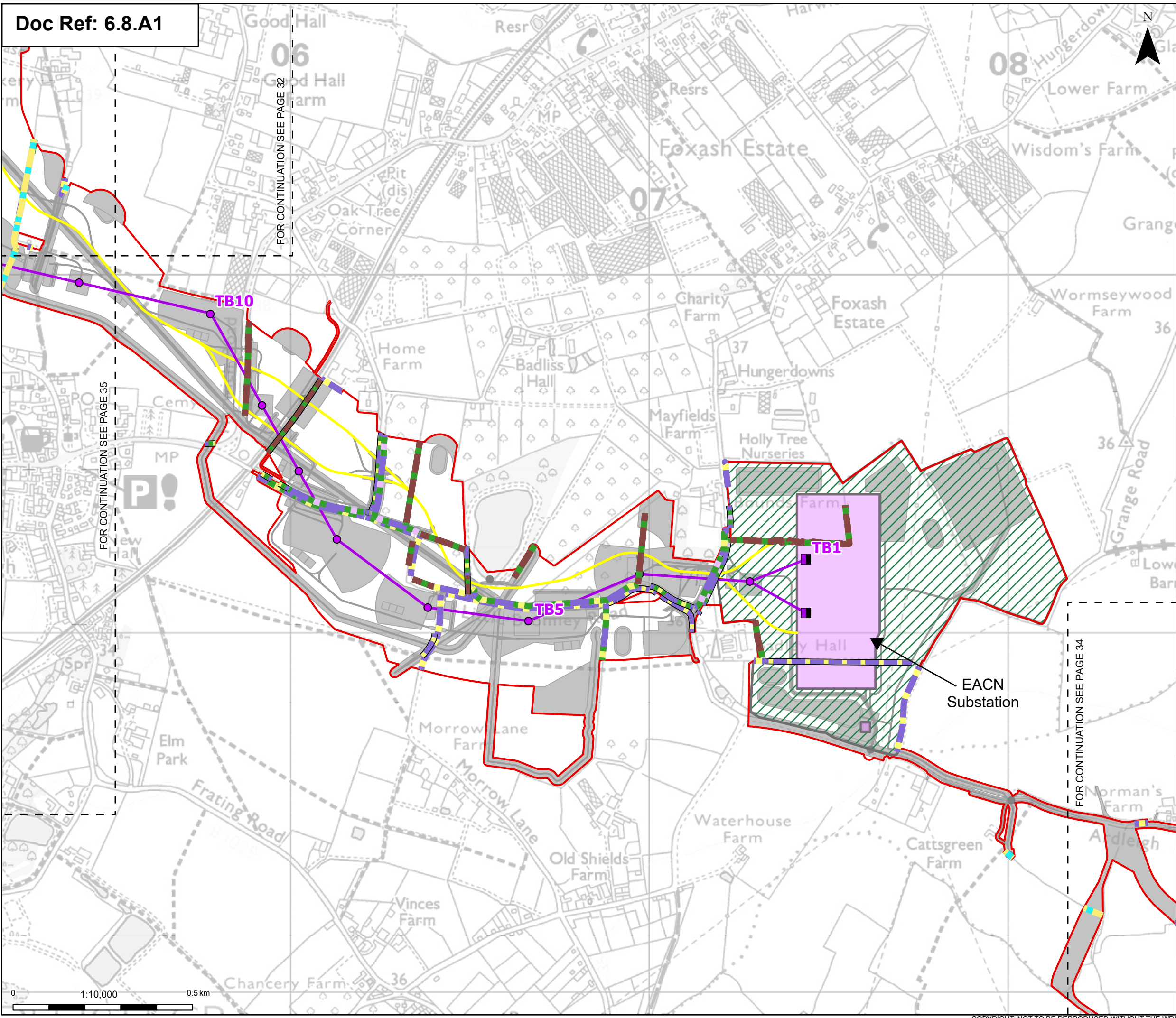
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections C and D
 Page 32 of 63

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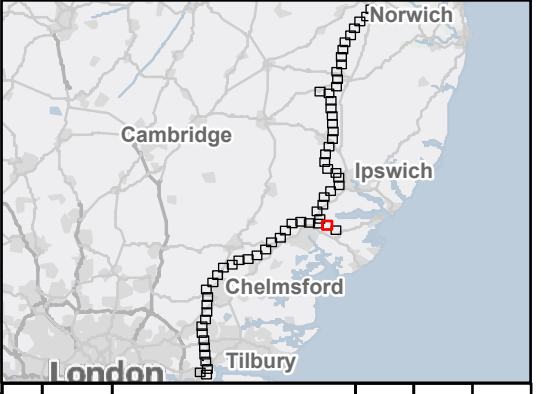
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Revision:
C



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

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PROJECT:
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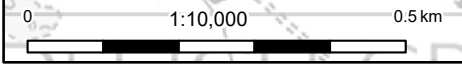
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 Section C
 Page 33 of 63

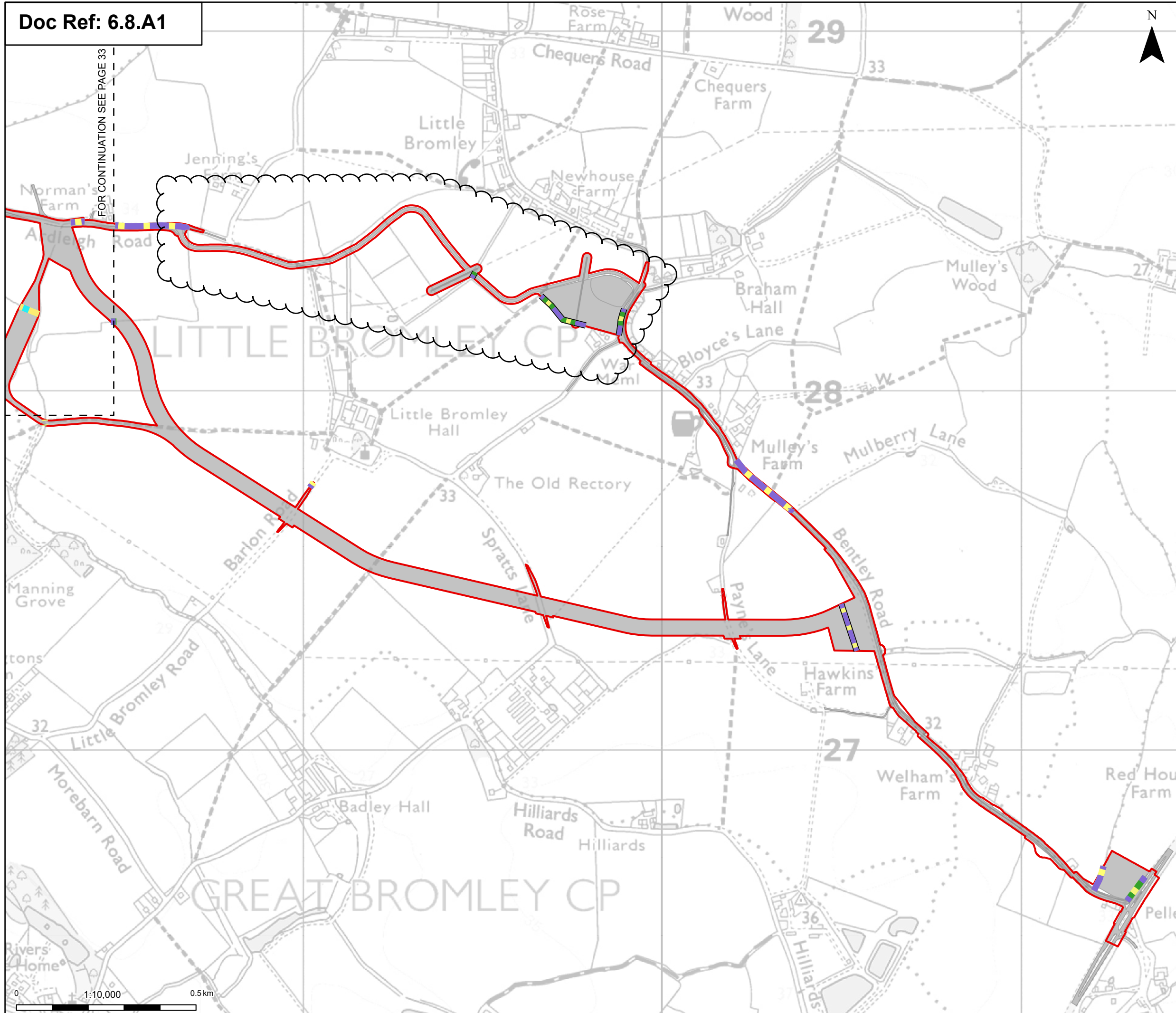
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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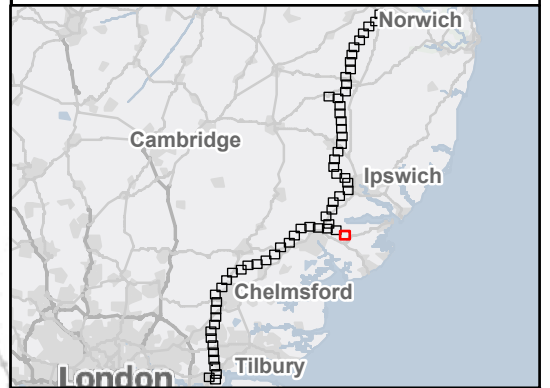


FOR CONTINUATION SEE PAGE 33



- ▬ 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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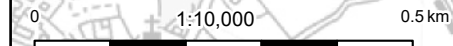
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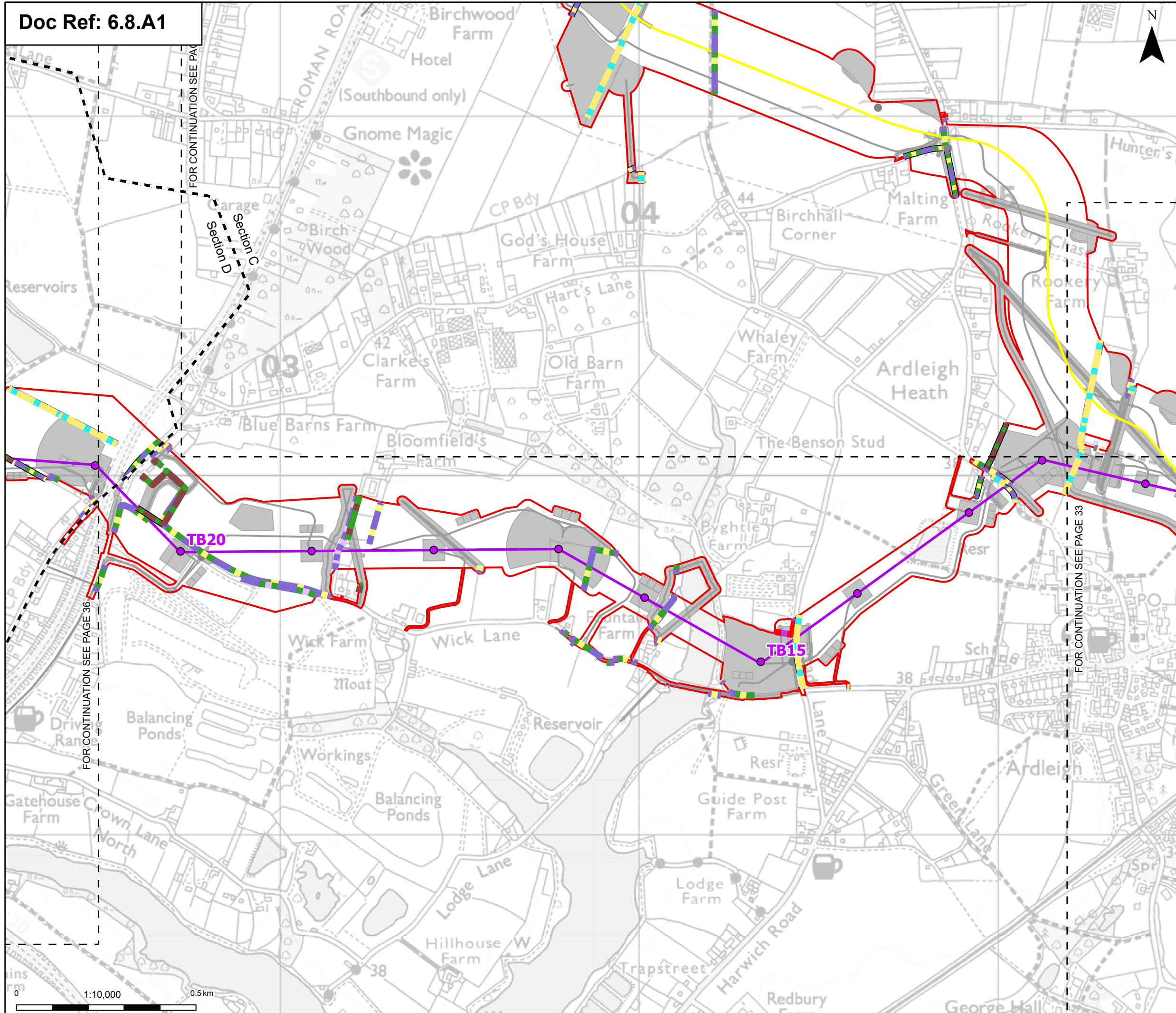
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section C
 Page 34 of 63

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Approved	K. Burrows	Date	May 26
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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
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Order limits
 Sheet index cutline
 Project section line

Proposed project design details

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

Discipline specific constraints

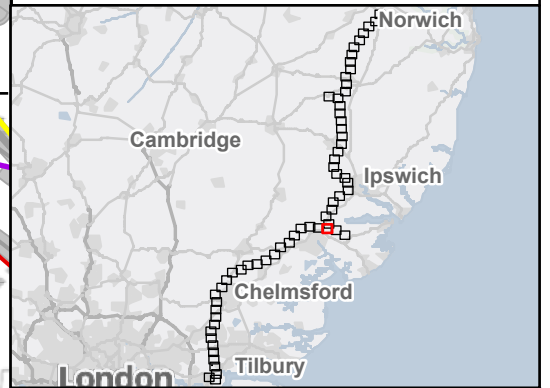
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Non-native and ornamental hedgerow

- Species-rich native hedgerow
- Species-rich native hedgerow 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
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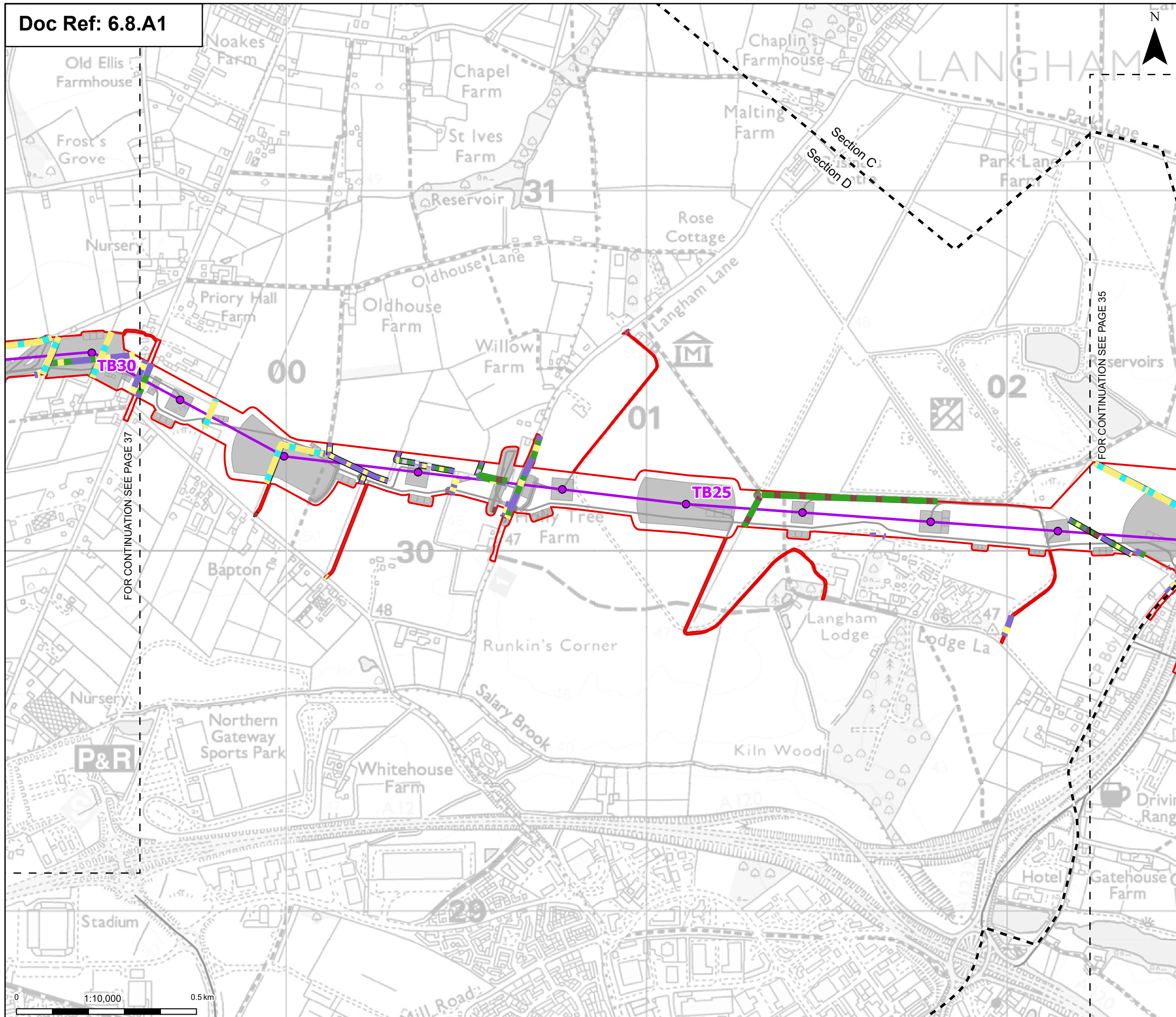
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 Page 35 of 63

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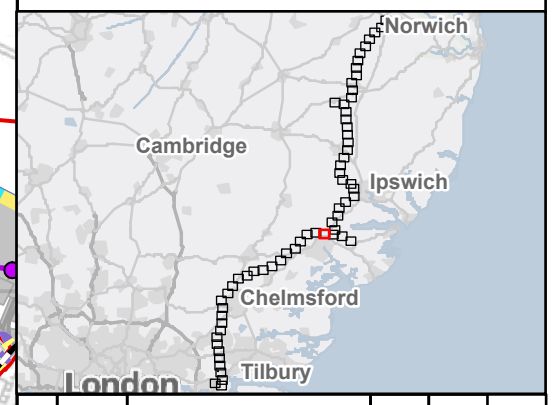
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Revision:
C



- Order limits
 - Sheet index outline
 - 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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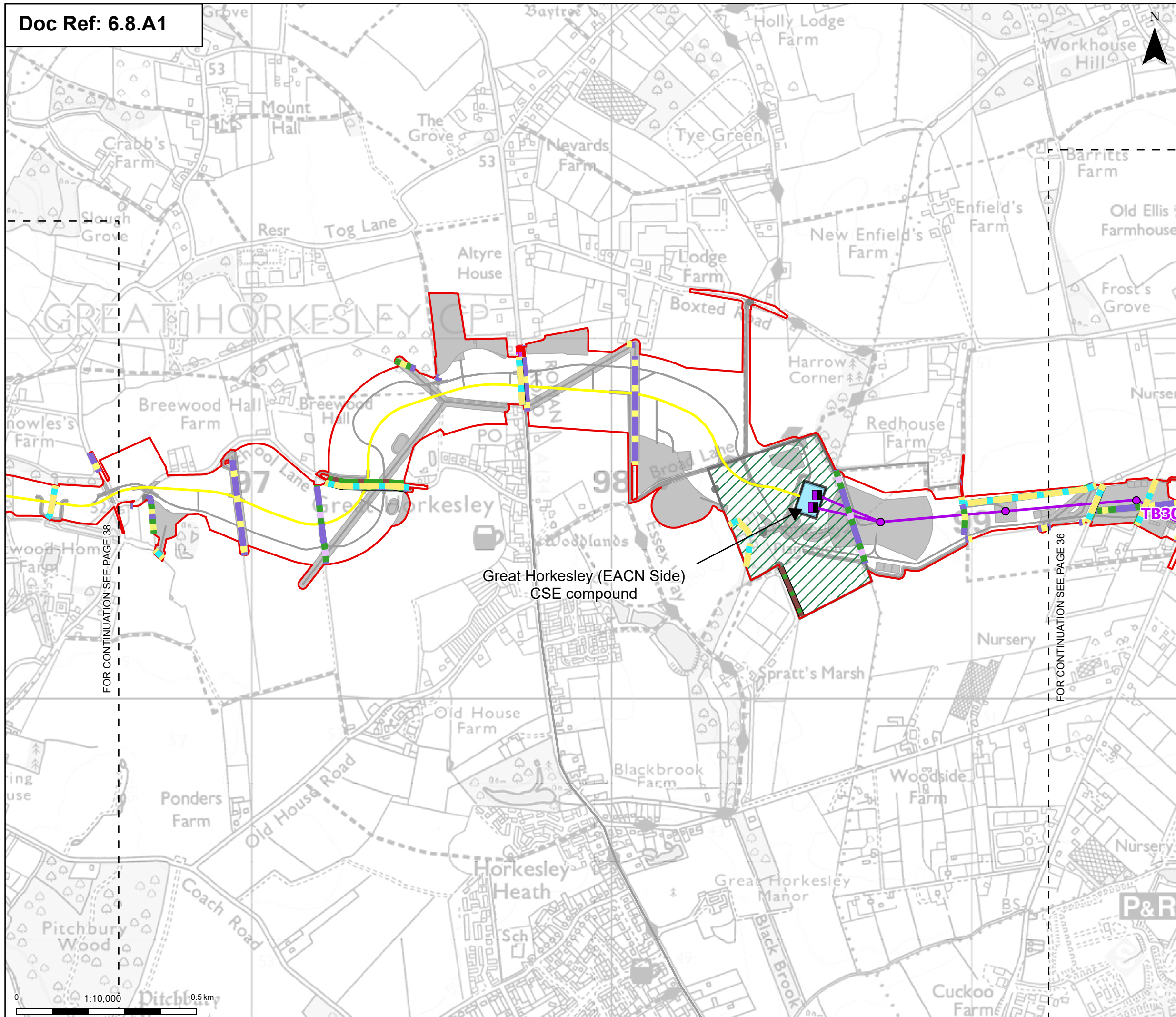
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Approved	K. Burrows	Date	May 26
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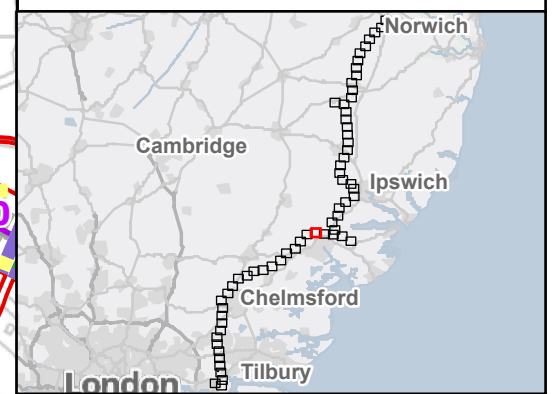
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Revision:
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- Order limits**
- Sheet index outline
- Proposed project design details**
- Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end compound (CSEC)
 - Environmental area
 - 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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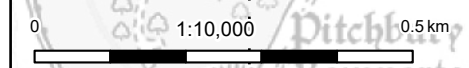
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 Section D
 Page 37 of 63

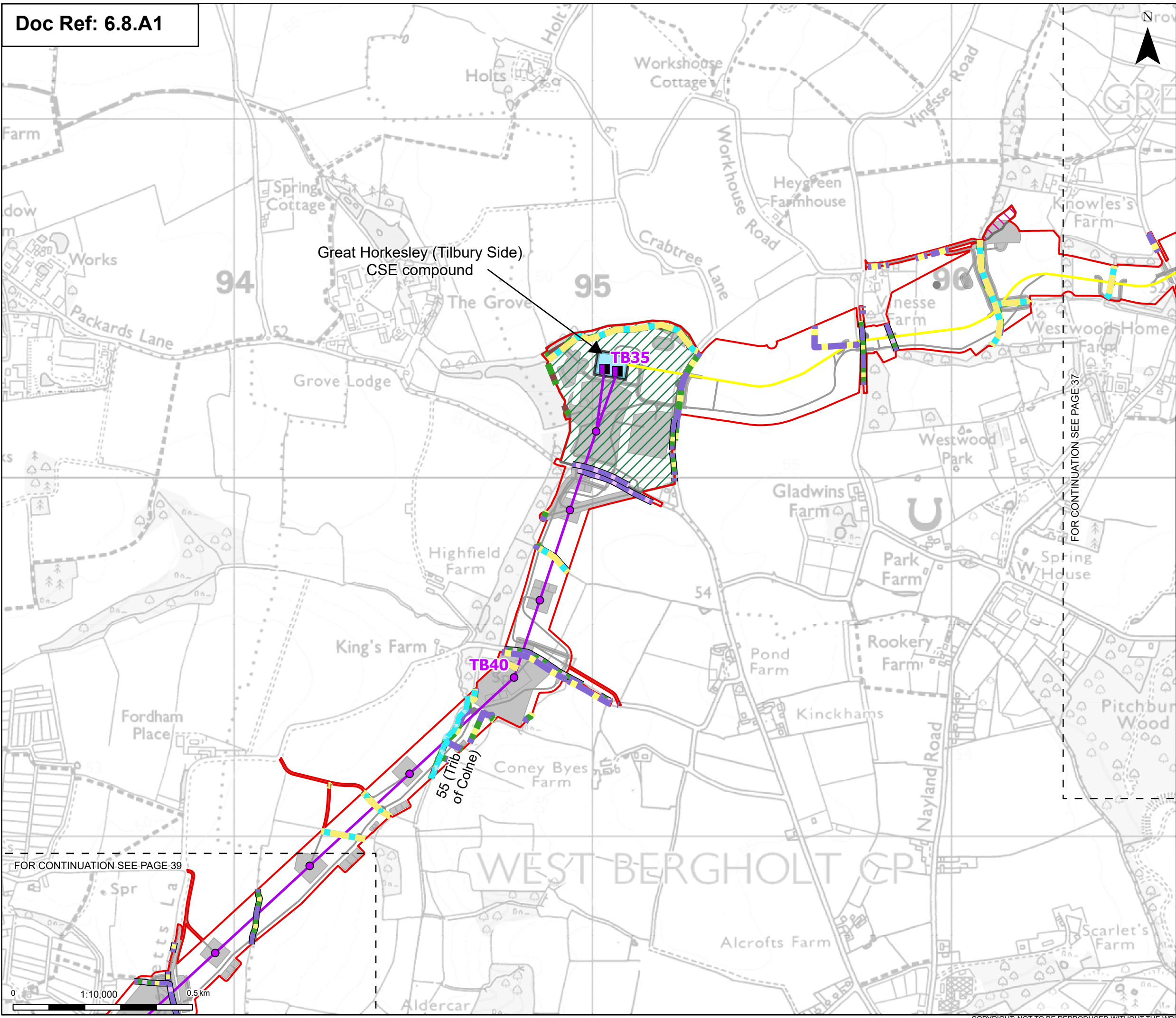
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Revision:
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Order limits

Sheet index outline

Proposed project design details

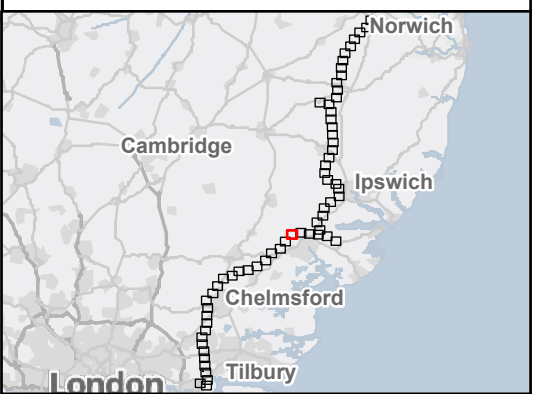
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational 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
 Page 38 of 63

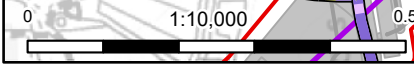
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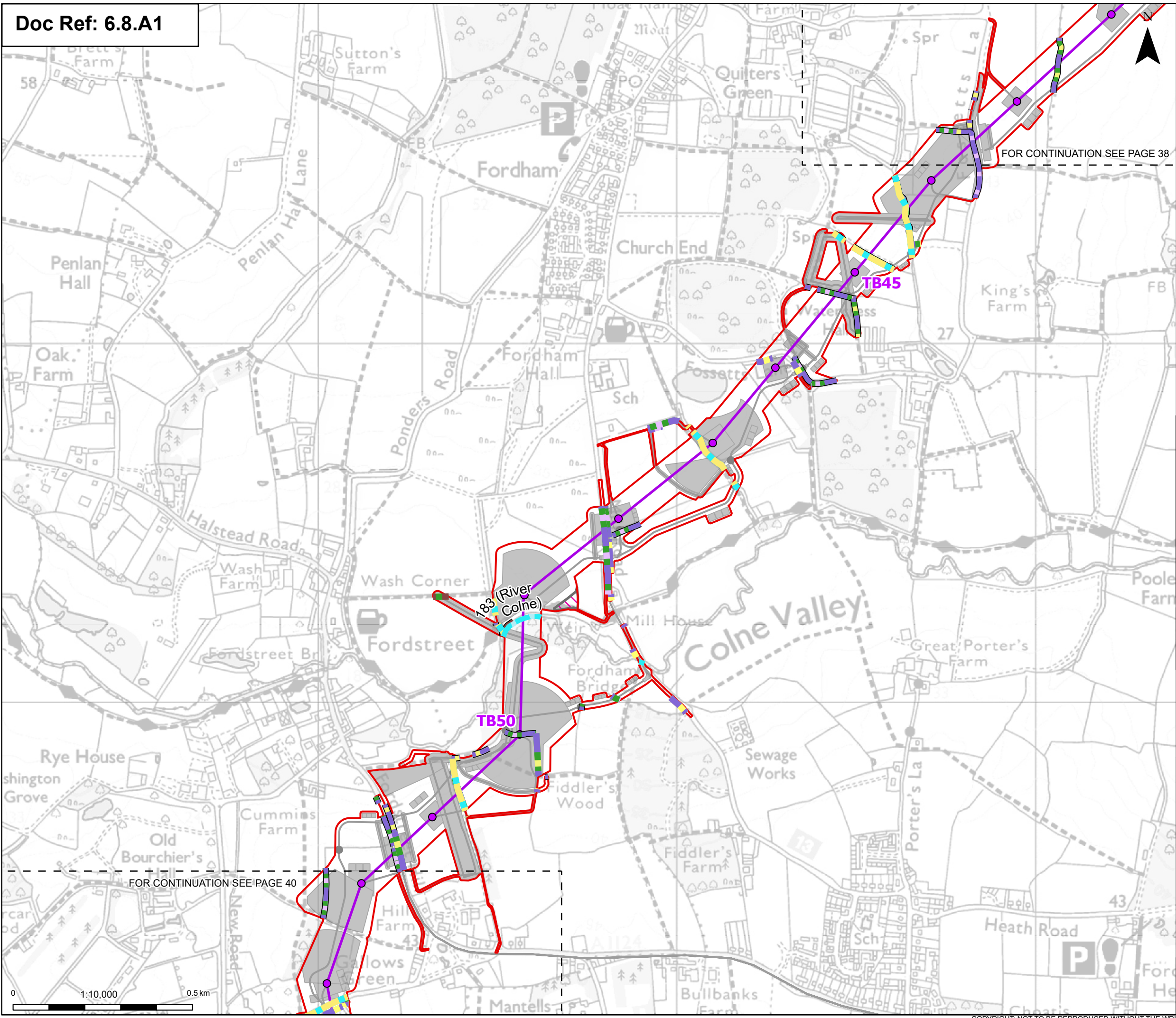
Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00410

Revision:
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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

Species-rich native hedgerow

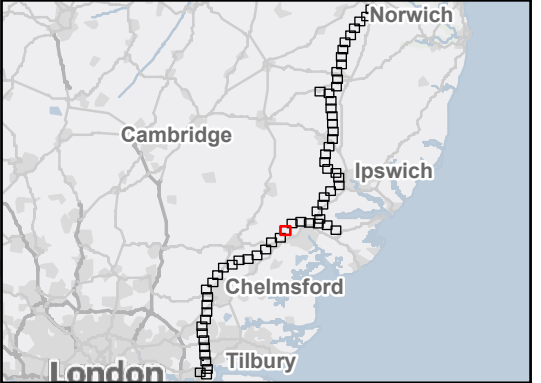
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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nationalgrid Norwich to Tilbury

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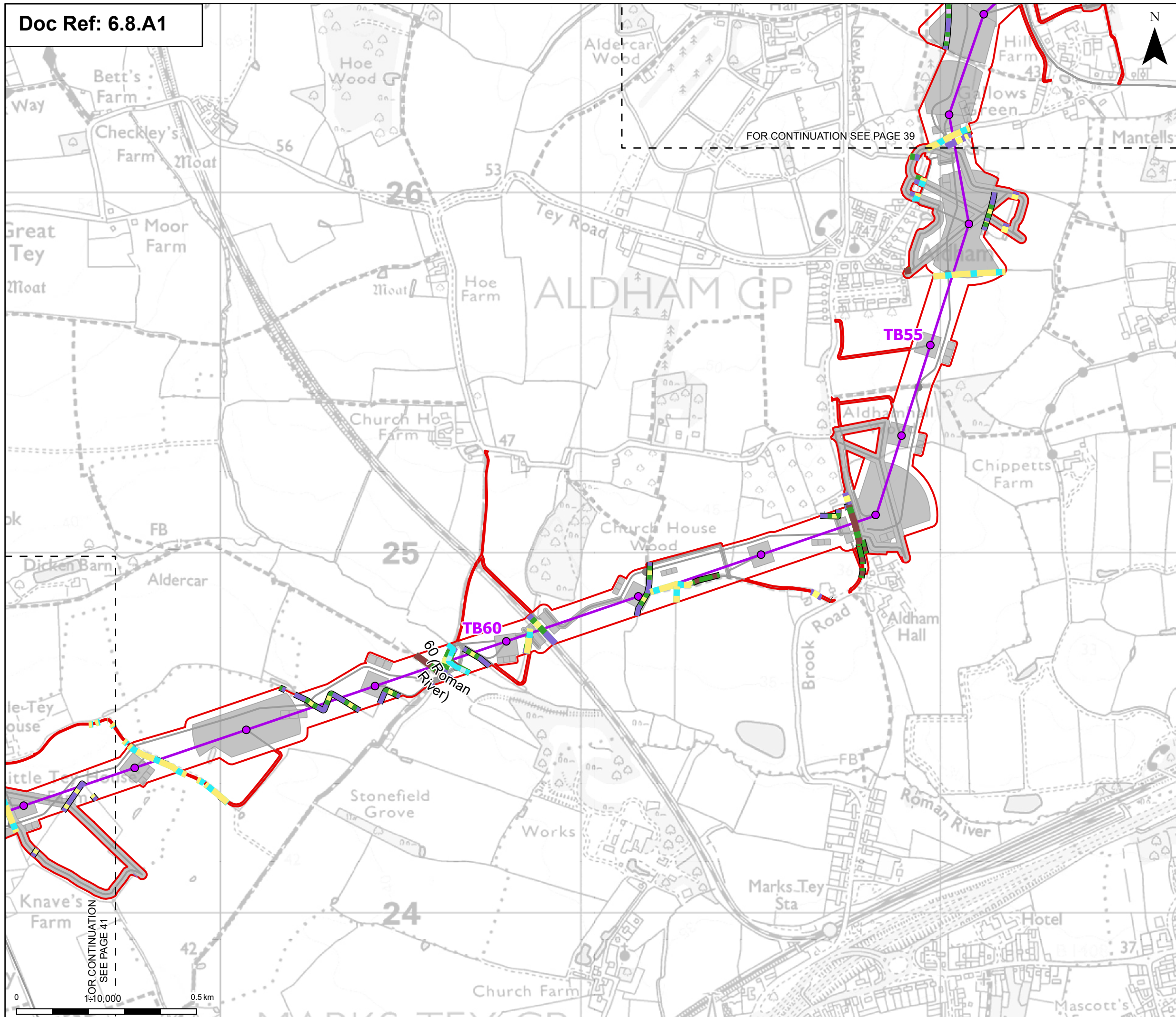
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Suitability Code:	A2	Project Number:	10059280

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

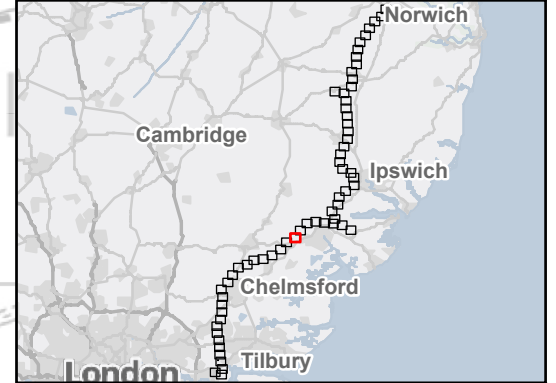
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- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch

Non-native and ornamental hedgerow

- 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

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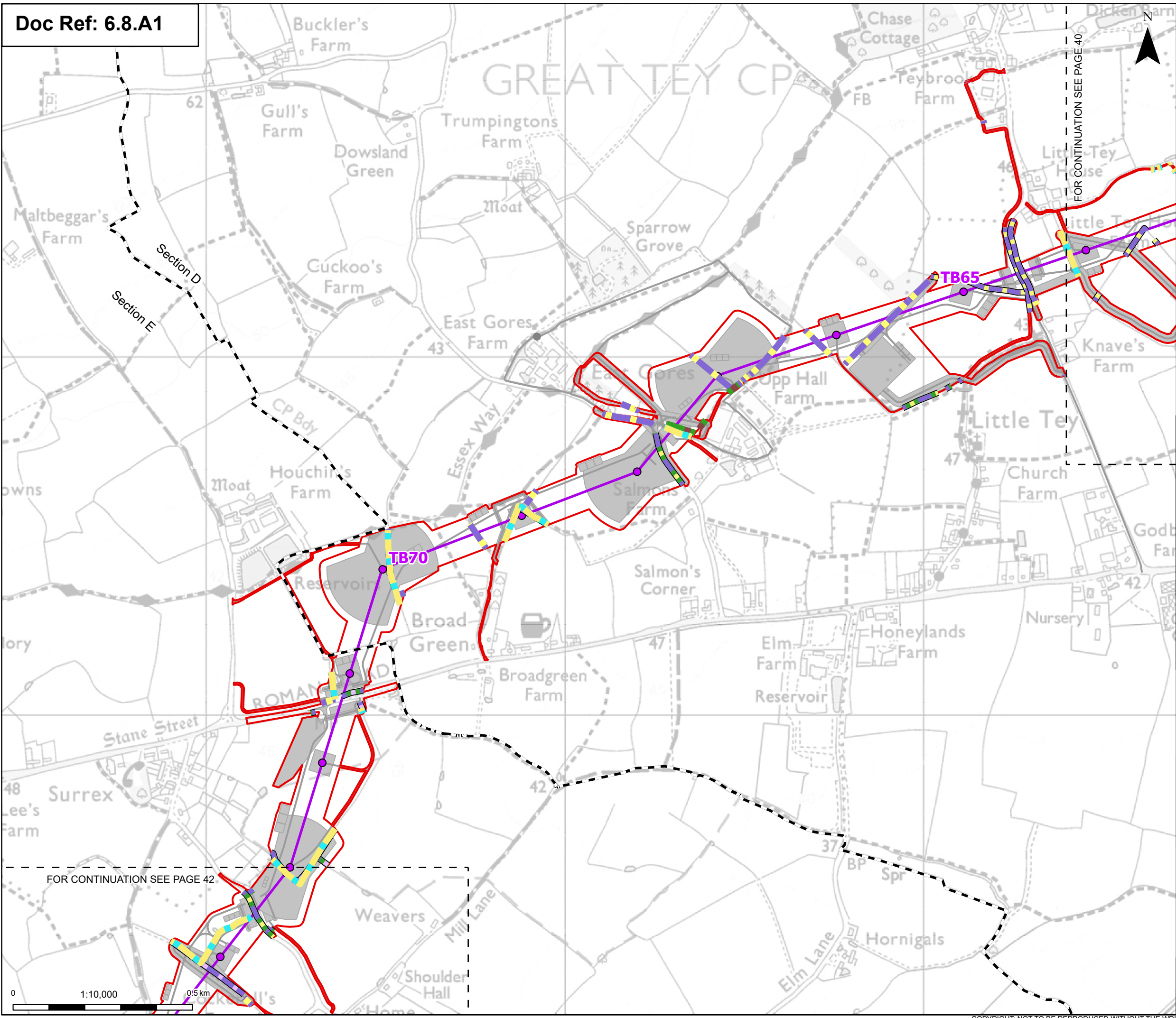
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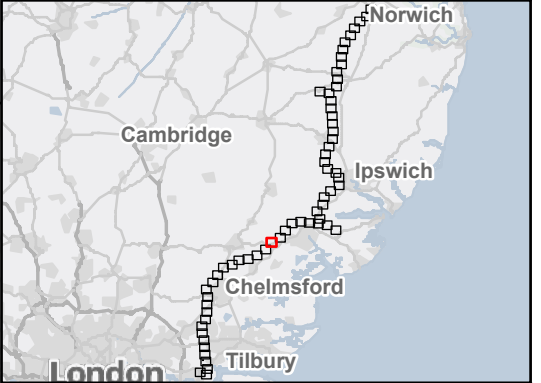
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- Order limits
- Sheet index cutline
- Project section line
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works
- Discipline 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
- 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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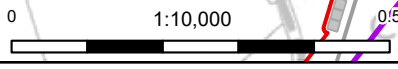
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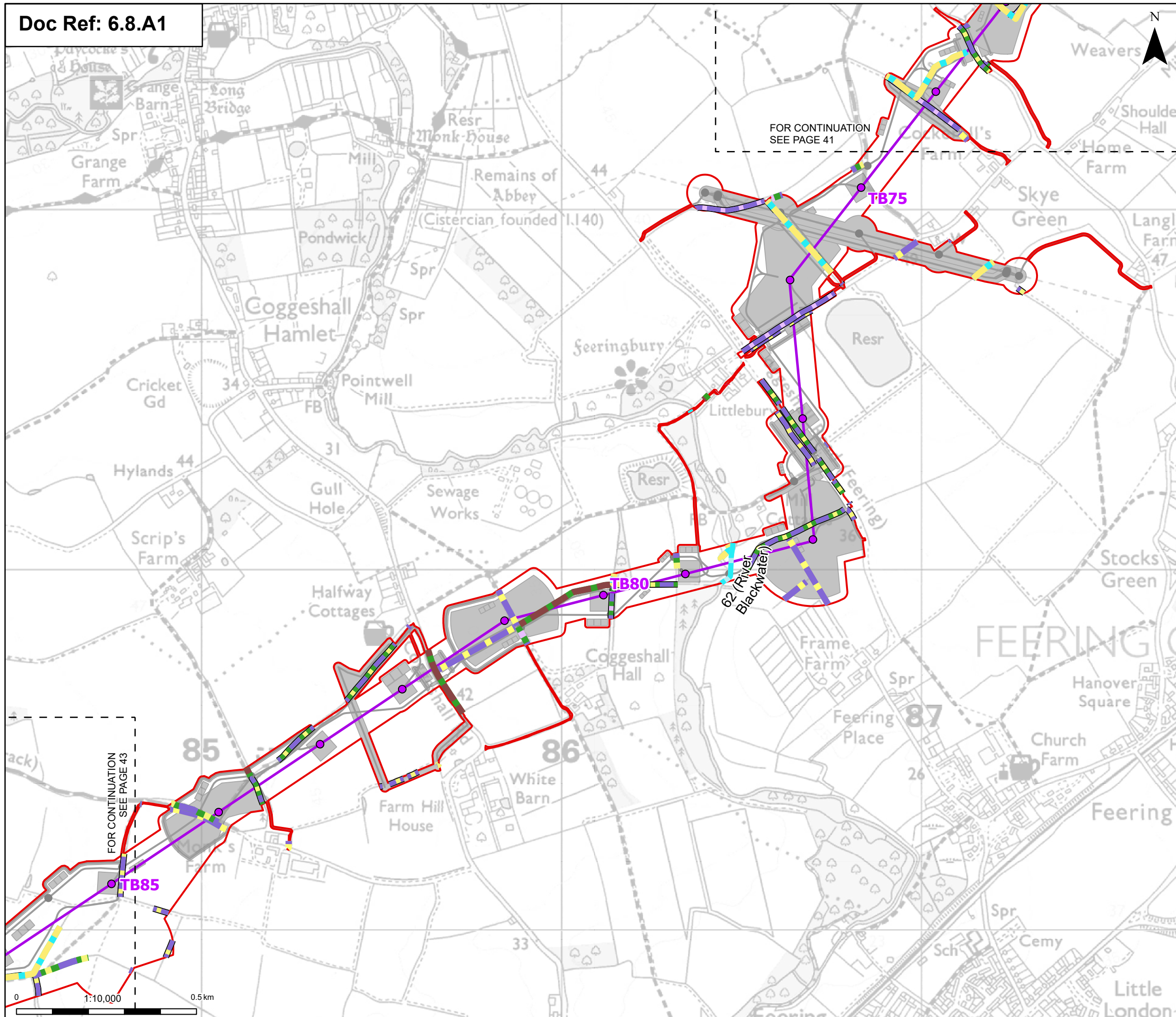
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Revision:
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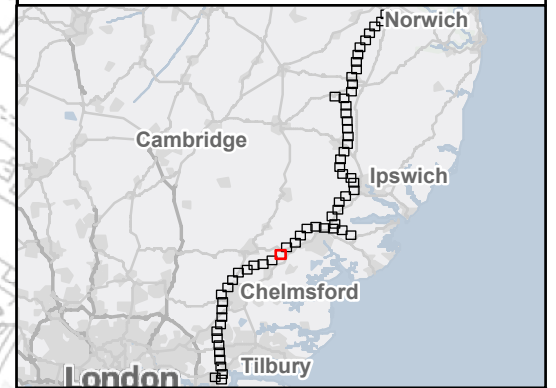


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- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - 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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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

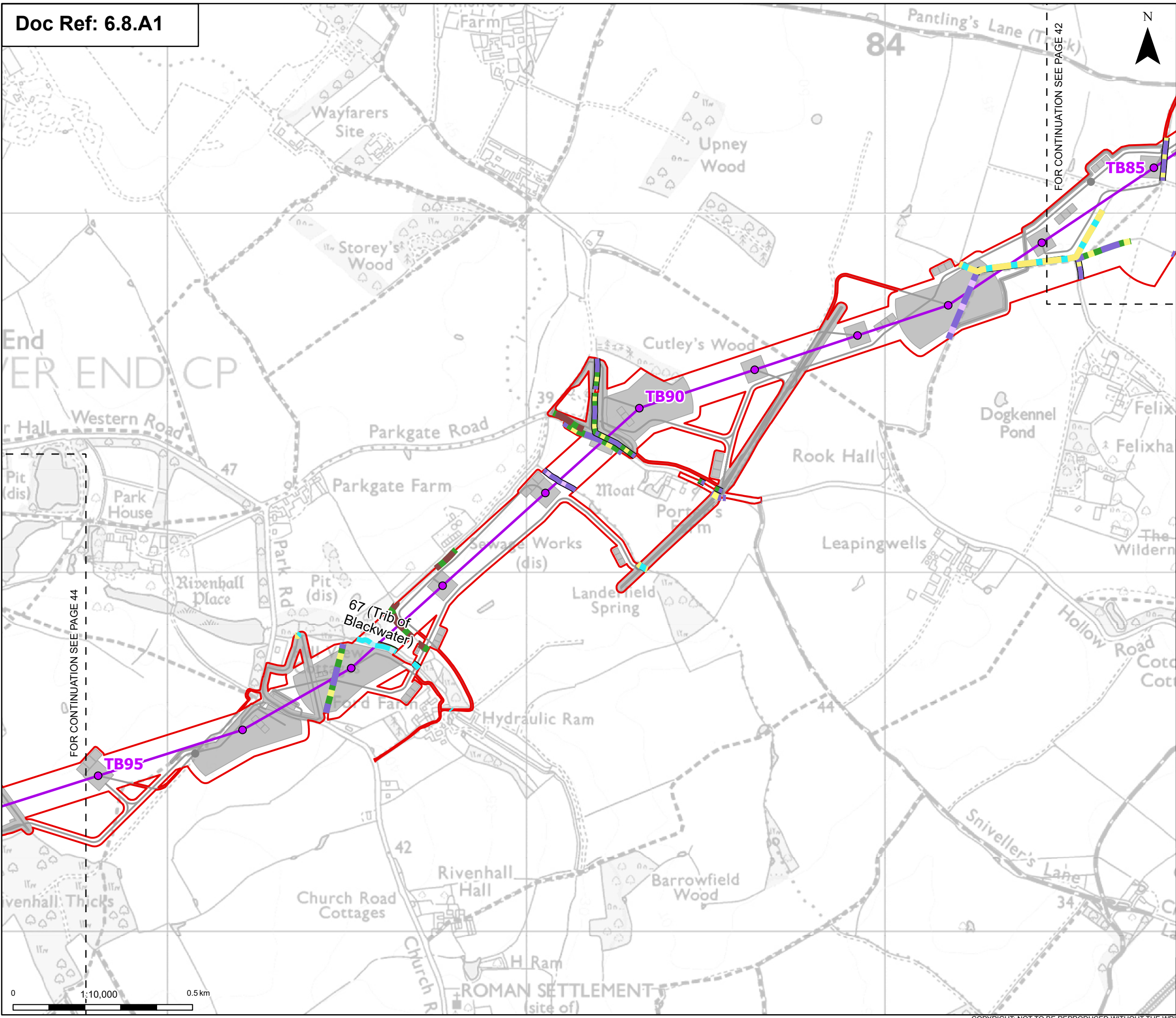
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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

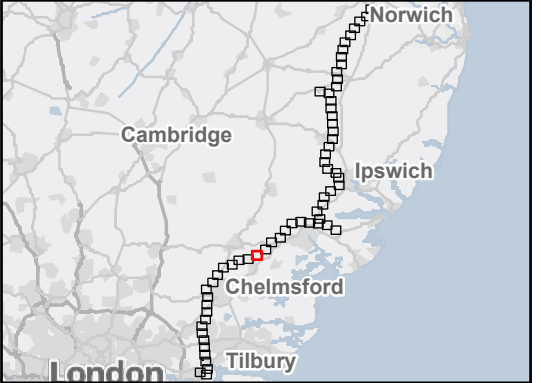
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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)

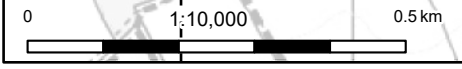
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section E
 Page 43 of 63

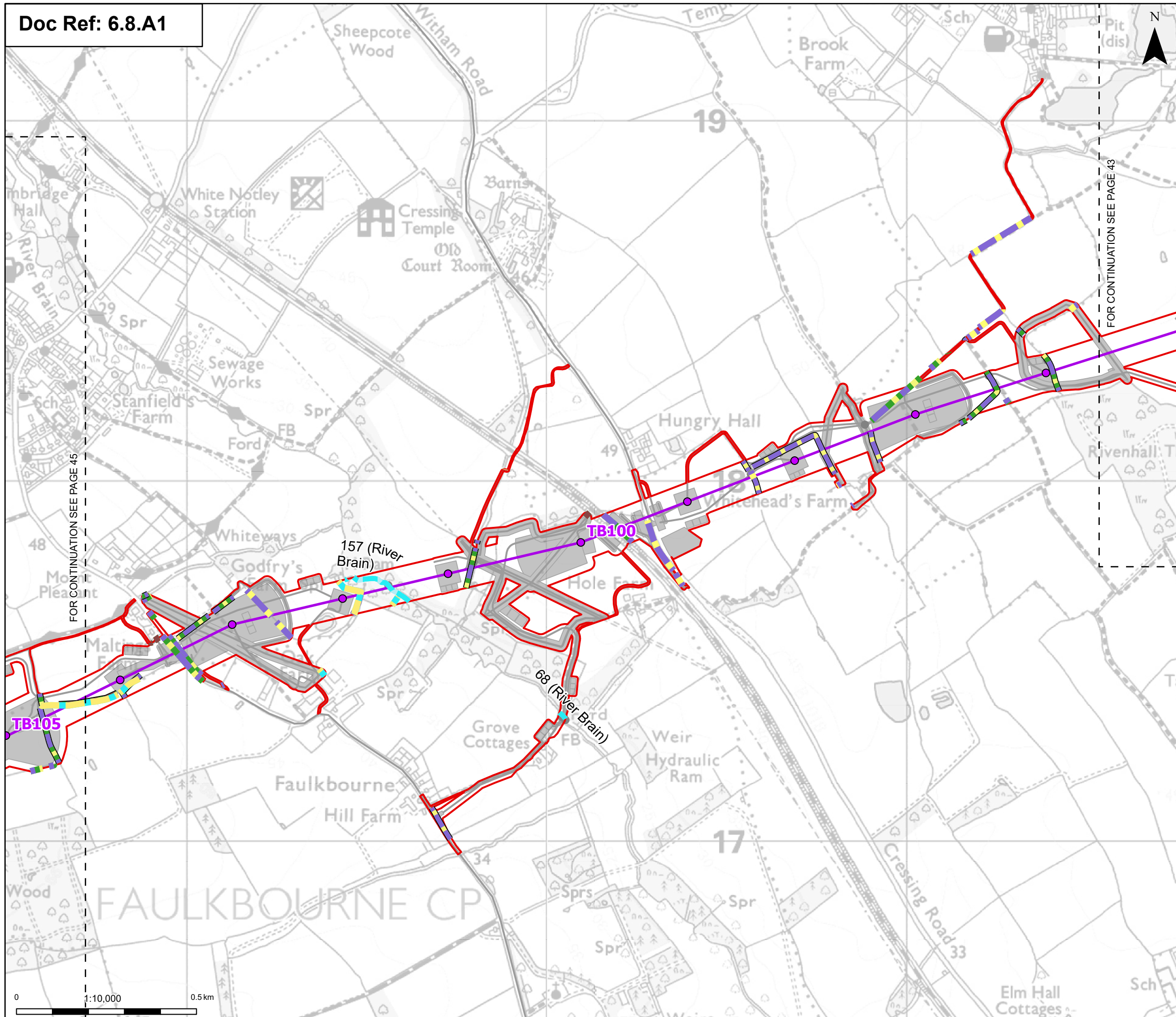
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

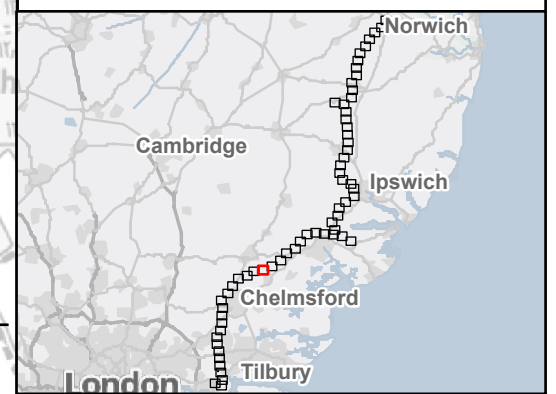
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees

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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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

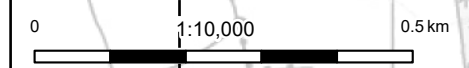
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section E
 Page 44 of 63

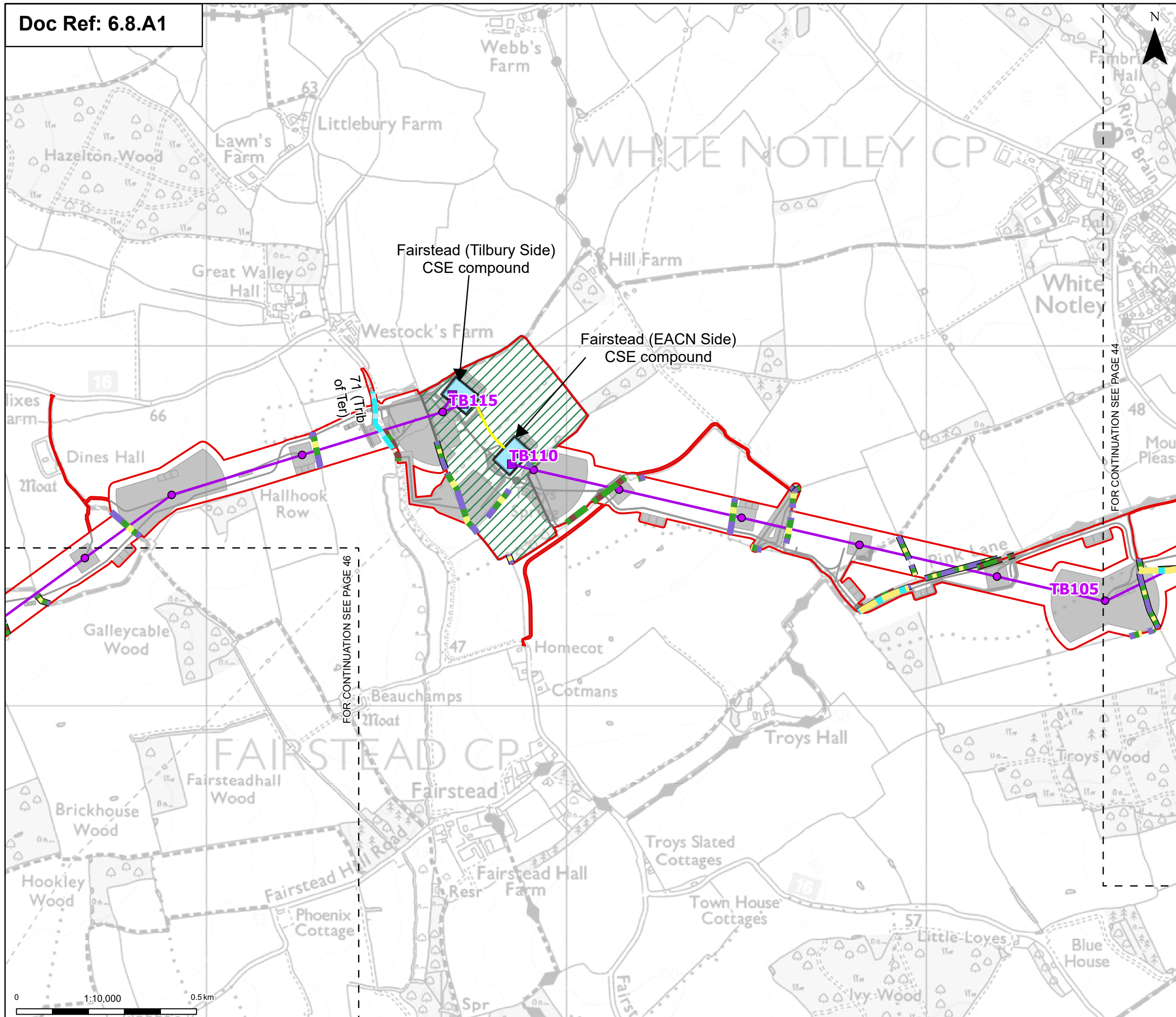
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

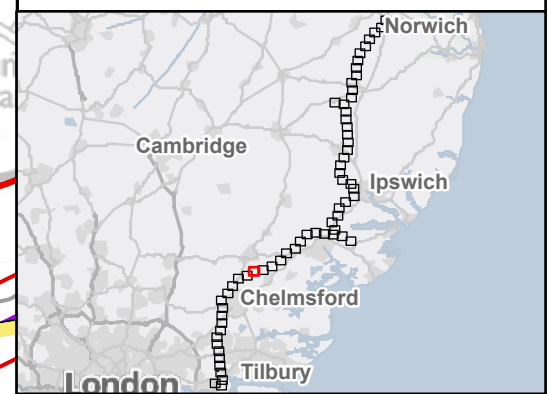
Revision:
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- Order limits
 - Sheet index outline
 - Proposed low duty gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end compound (CSEC)
 - Environmental area
 - Other temporary and permanent construction and operational works
 - 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
- Discipline specific constraints**
- 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

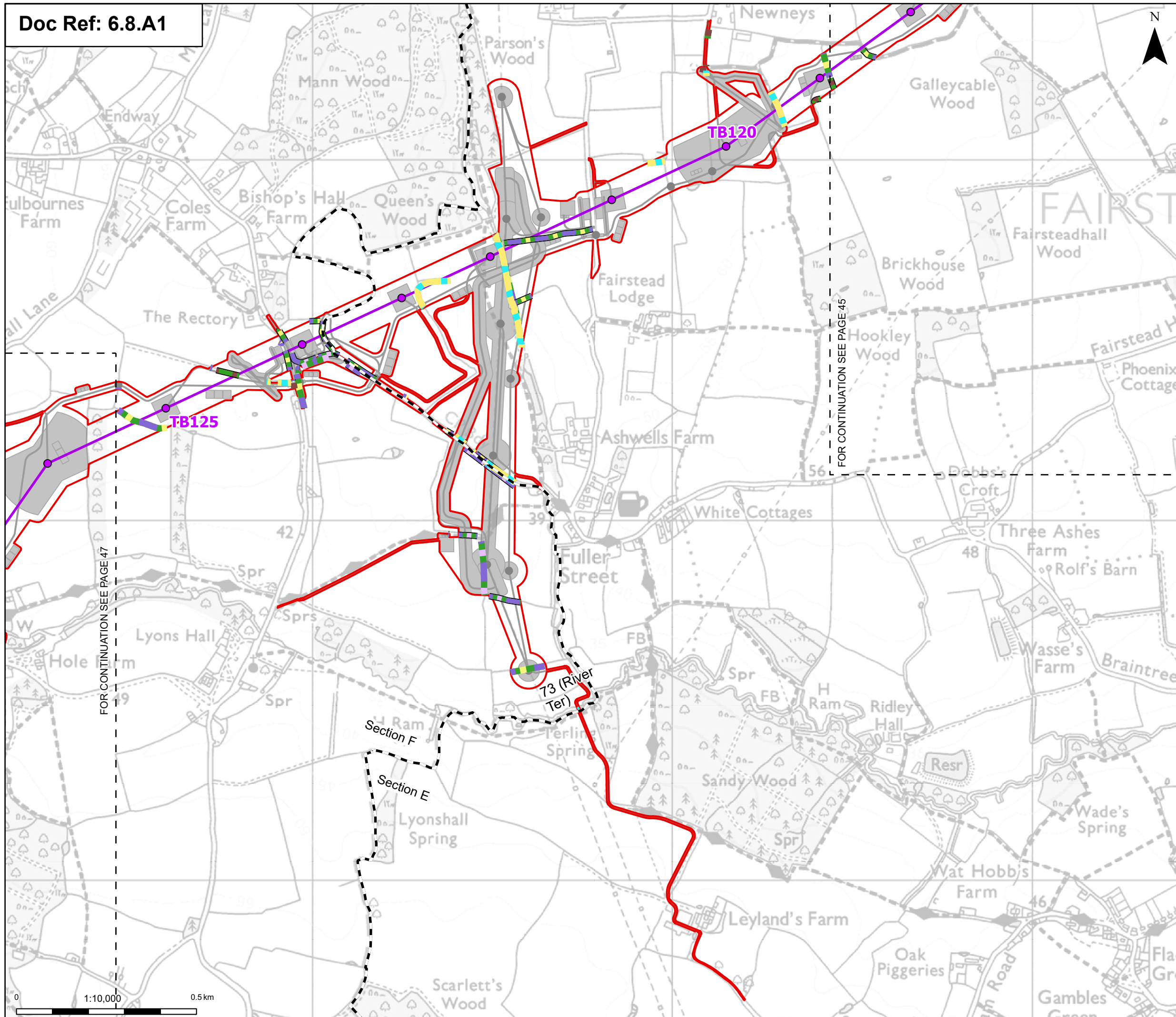
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 Regulation 5(2)(a)&(1)(ii)

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

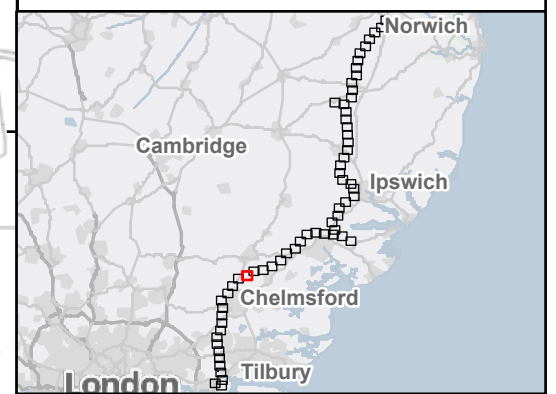
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00410	Revision:	C
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- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - 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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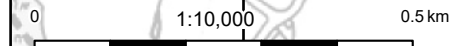
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 Regulation 5(2)(a)&(1)(ii)

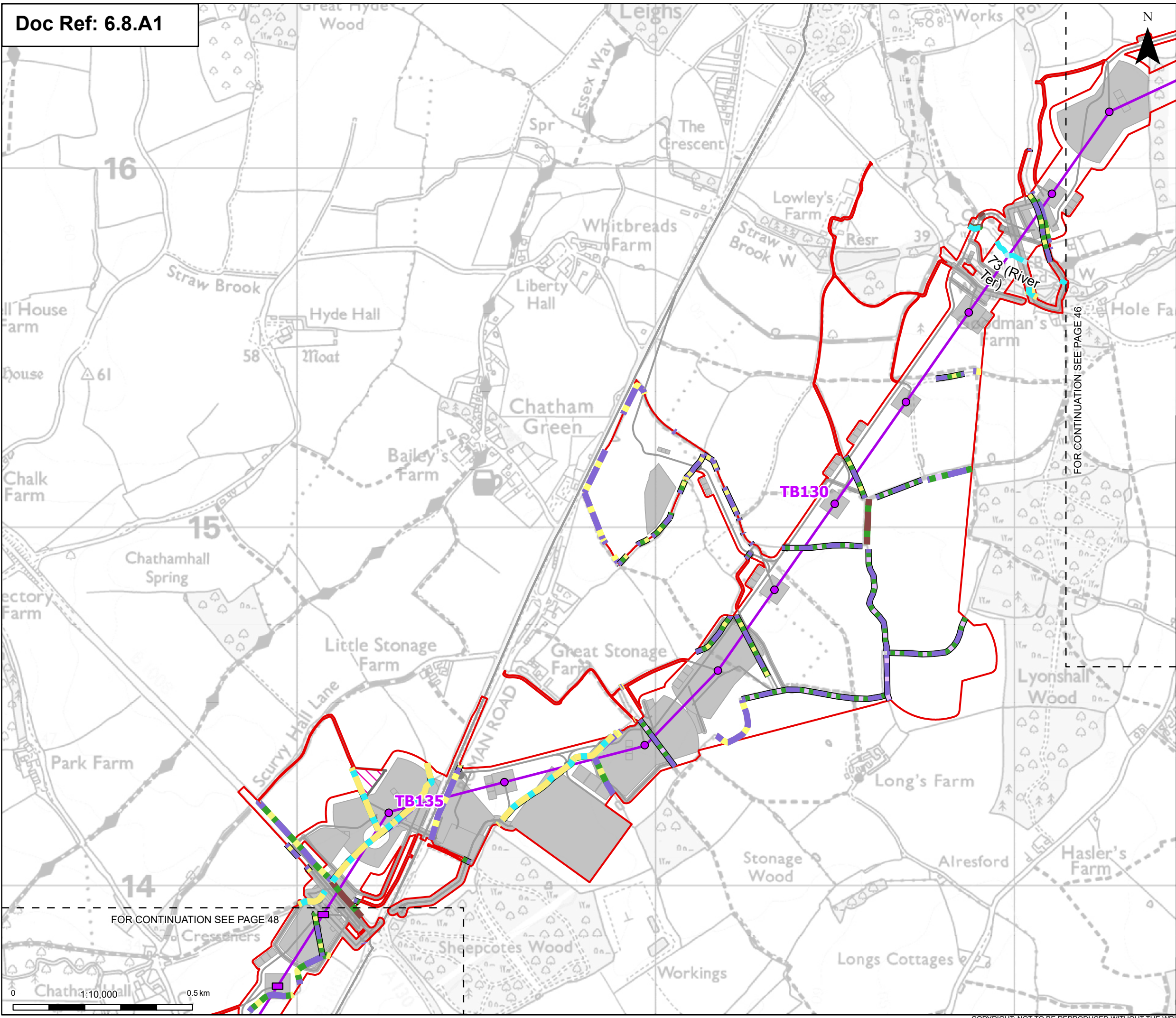
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections E and F
 Page 46 of 63

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

Suitability Description:
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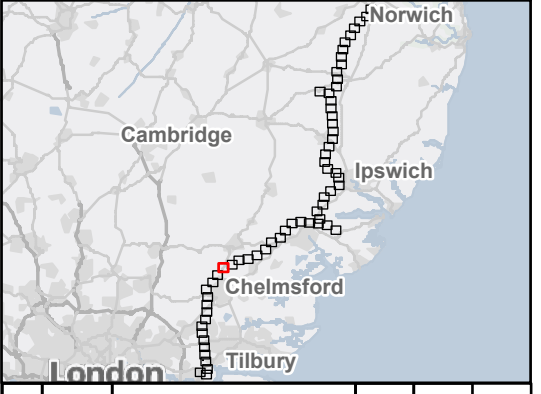
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- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed low height pylon location
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent 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 - 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
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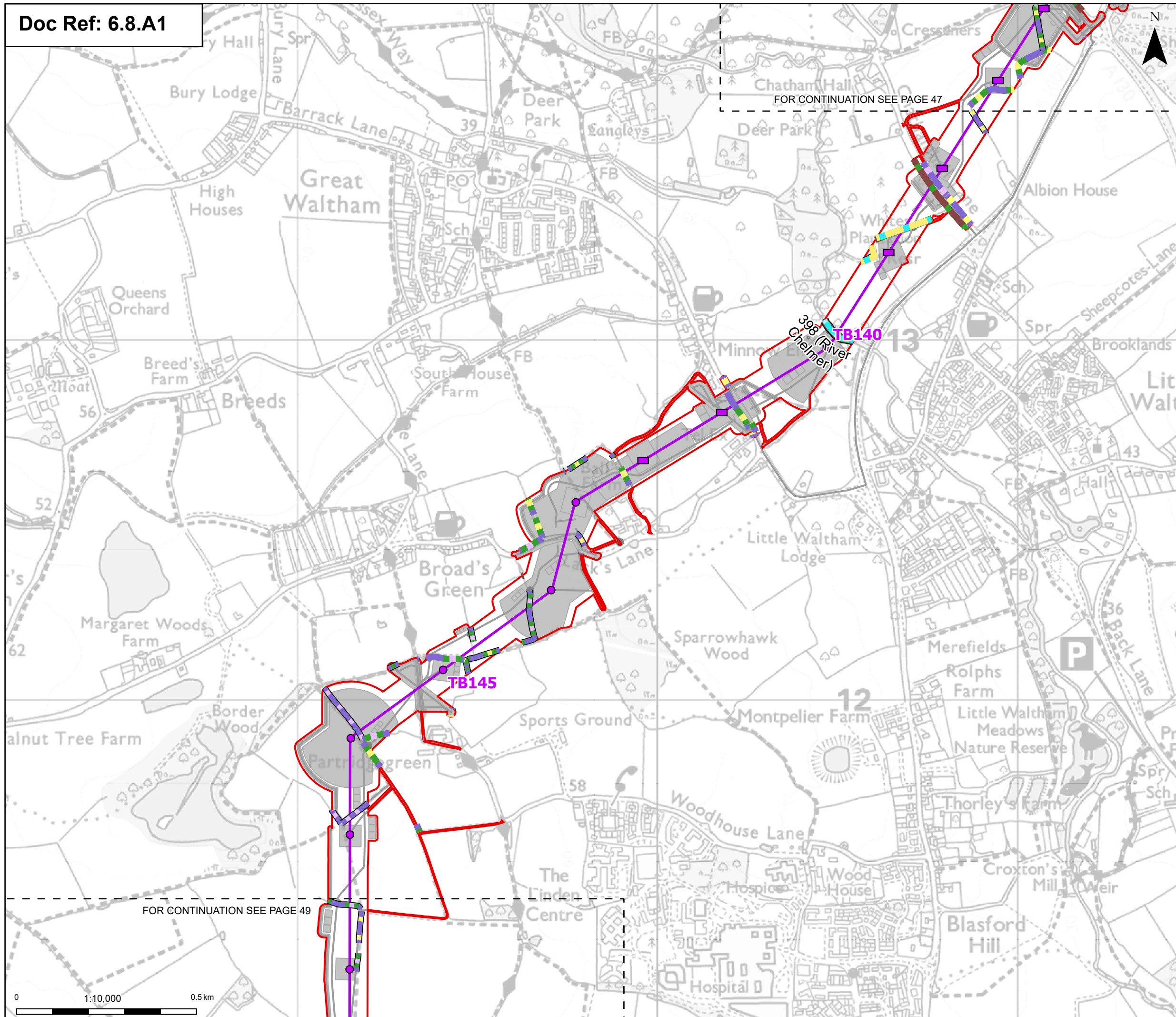
Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section F
 Page 47 of 63

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

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

Revision:
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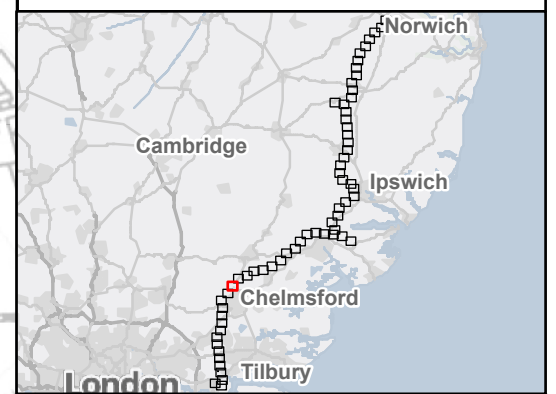


FOR CONTINUATION SEE PAGE 47

FOR CONTINUATION SEE PAGE 49

- ▬ Order limits
 - ┌└ Sheet index outline
 - Proposed low height pylon location
 - 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
 - ▬ 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
- 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)&(I)(ii)

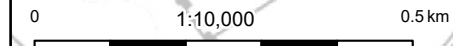
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Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section F
 Page 48 of 63

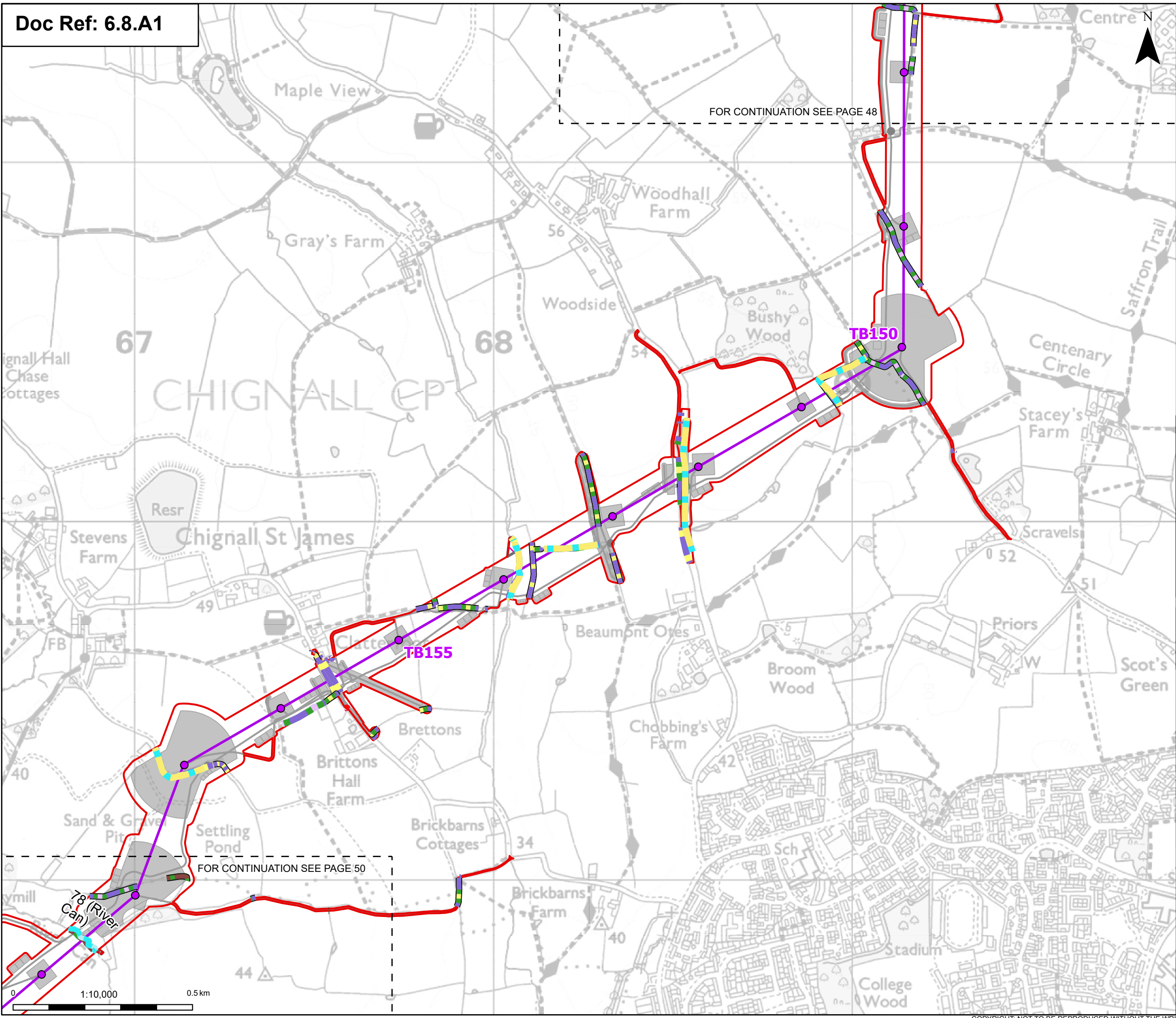
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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

Revision:
C





FOR CONTINUATION SEE PAGE 48

FOR CONTINUATION SEE PAGE 50

Order limits
 Sheet index outline

Proposed project design details

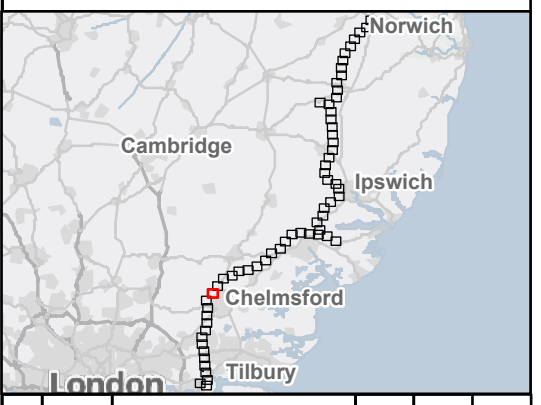
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

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
- 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)

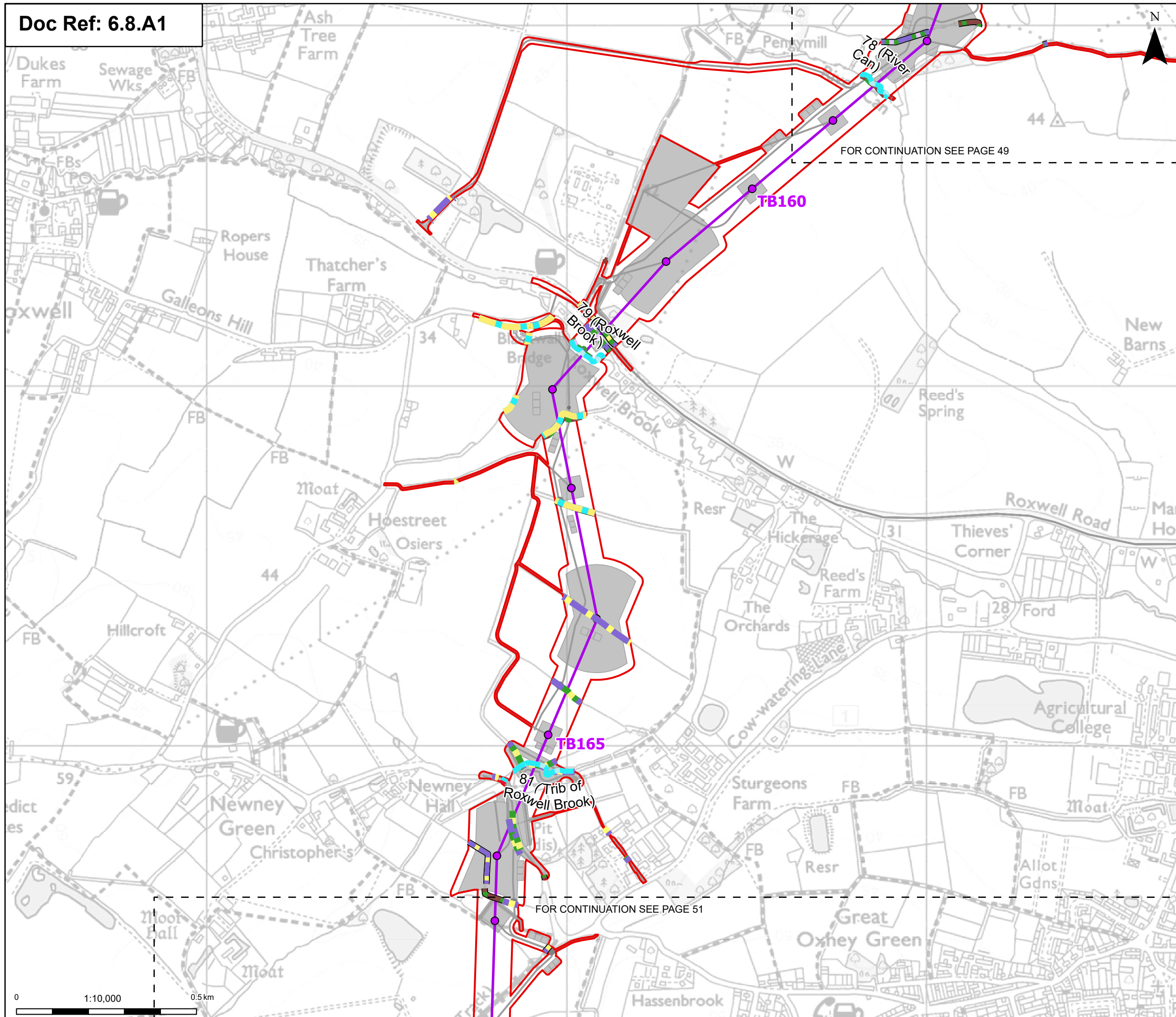
Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section F
 Page 49 of 63

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



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

Legend:

- Order limits
- Sheet index outline
- 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

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)

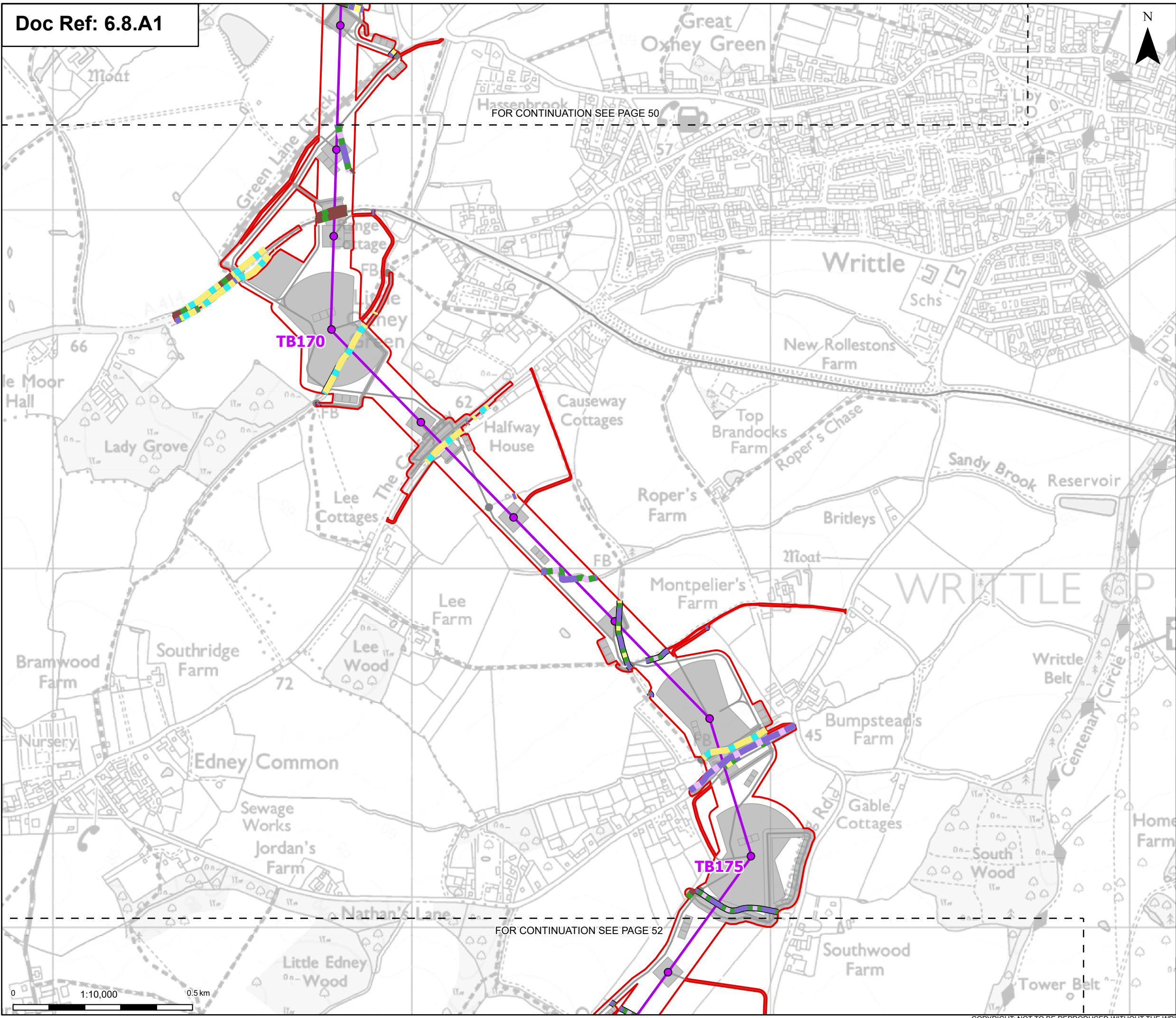
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section F
 Page 50 of 63

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

Suitability Description:
 Accepted as Concept Stage

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

Revision:
 C



FOR CONTINUATION SEE PAGE 50

FOR CONTINUATION SEE PAGE 52

Proposed project design details

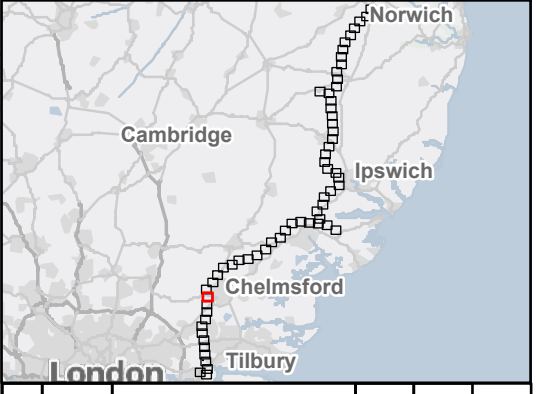
- Order limits
- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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 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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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

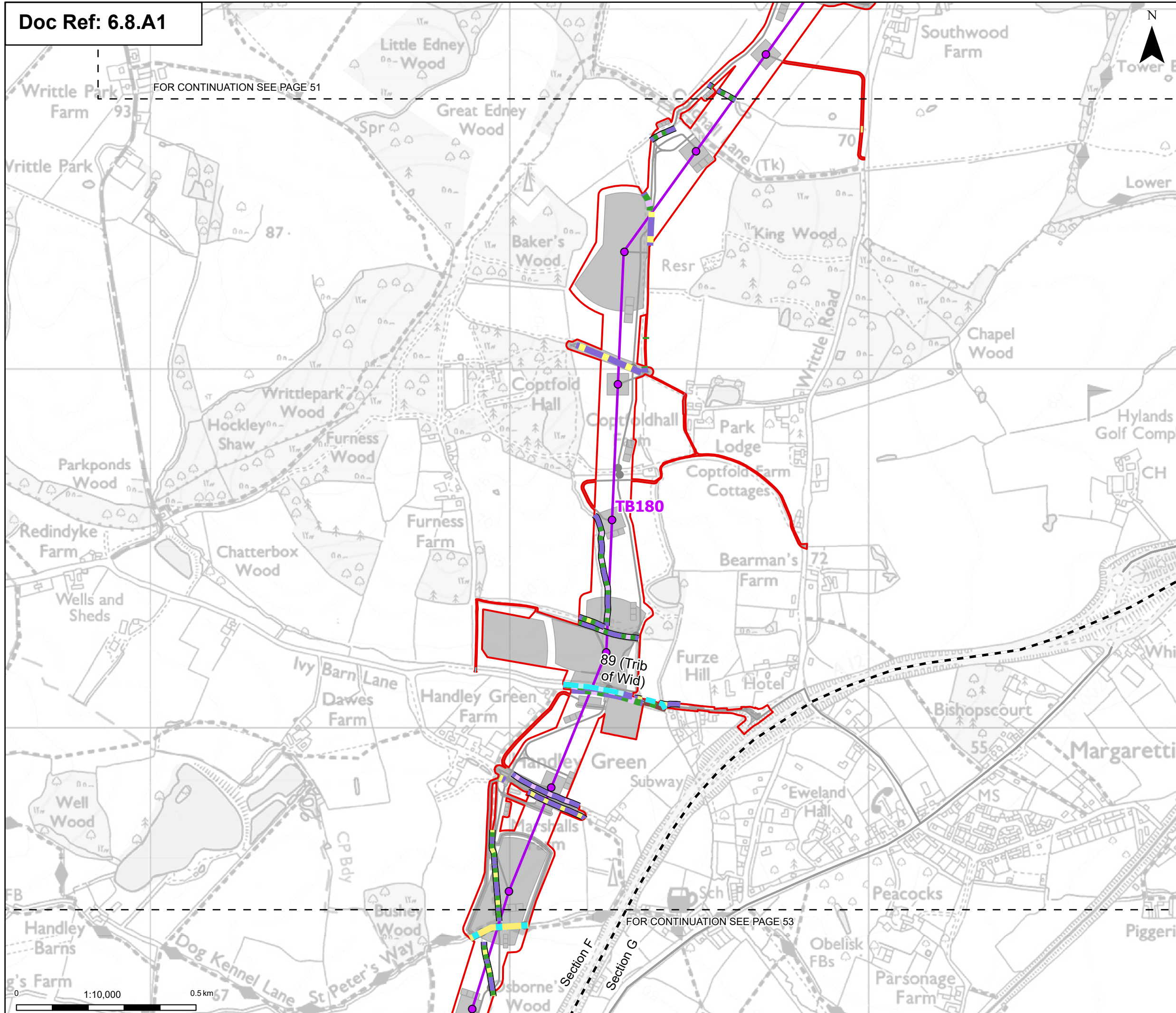
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section F
 Page 51 of 63

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

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410
 Revision: C

FOR CONTINUATION SEE PAGE 51



FOR CONTINUATION SEE PAGE 53

Order limits
 Sheet index outline
 Project section line

Proposed project design details

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

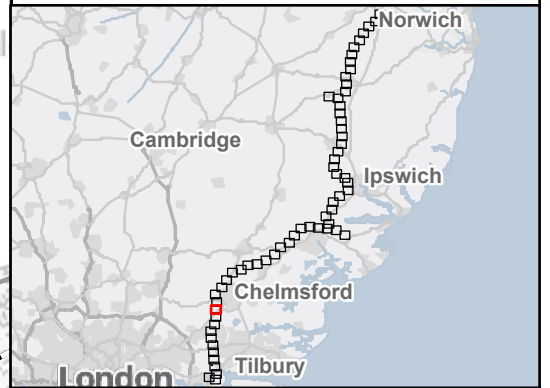
Discipline specific constraints

- 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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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)

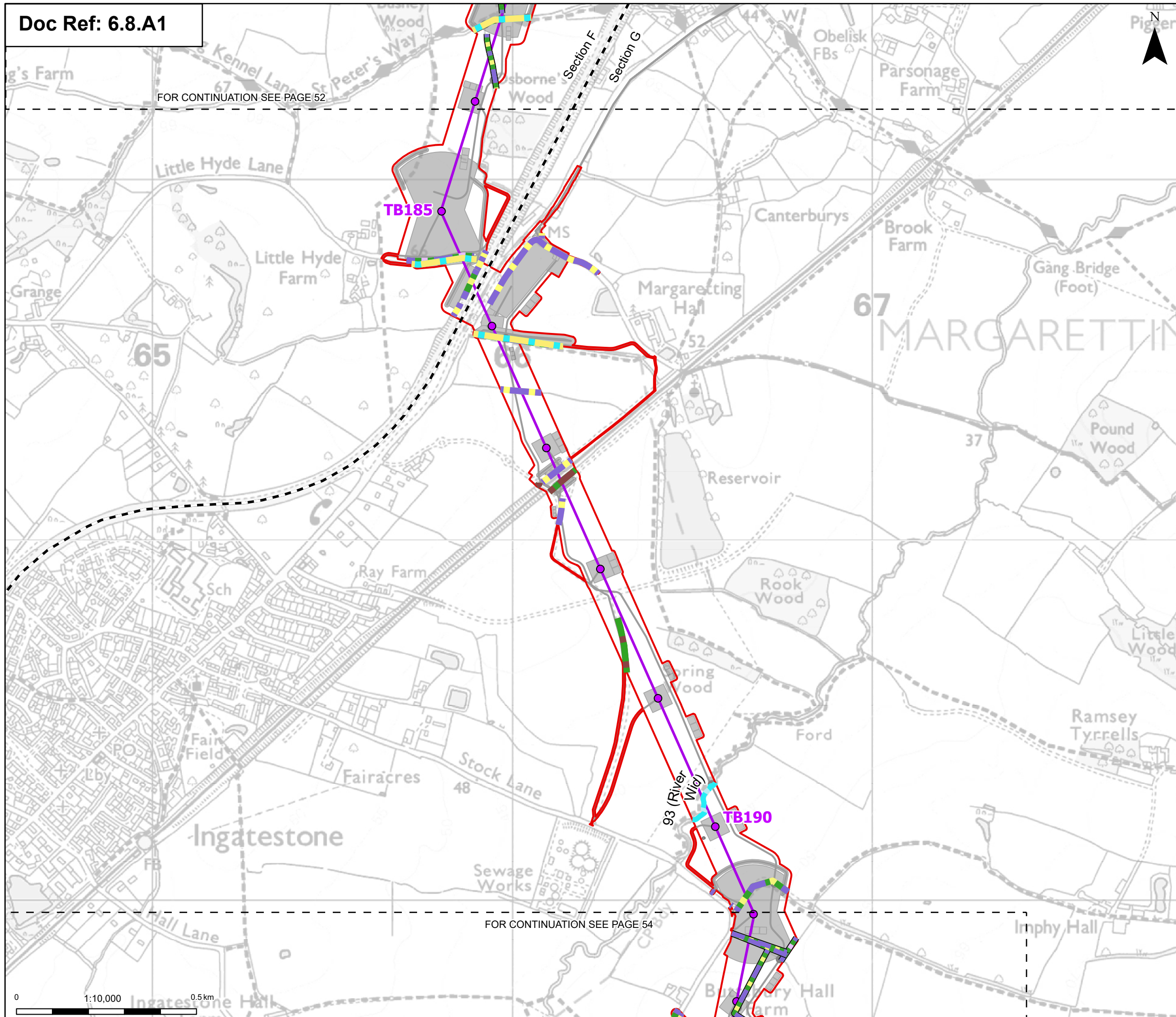
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections F and G
 Page 52 of 63

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

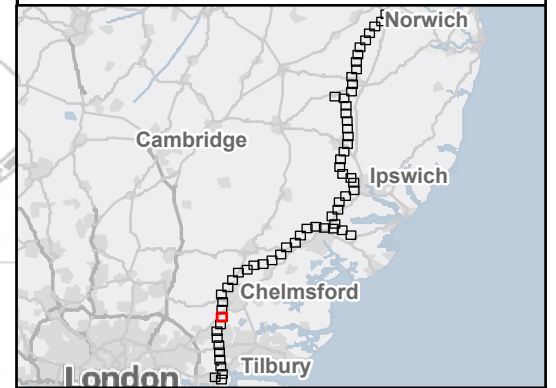
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees

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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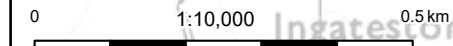
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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 53 of 63

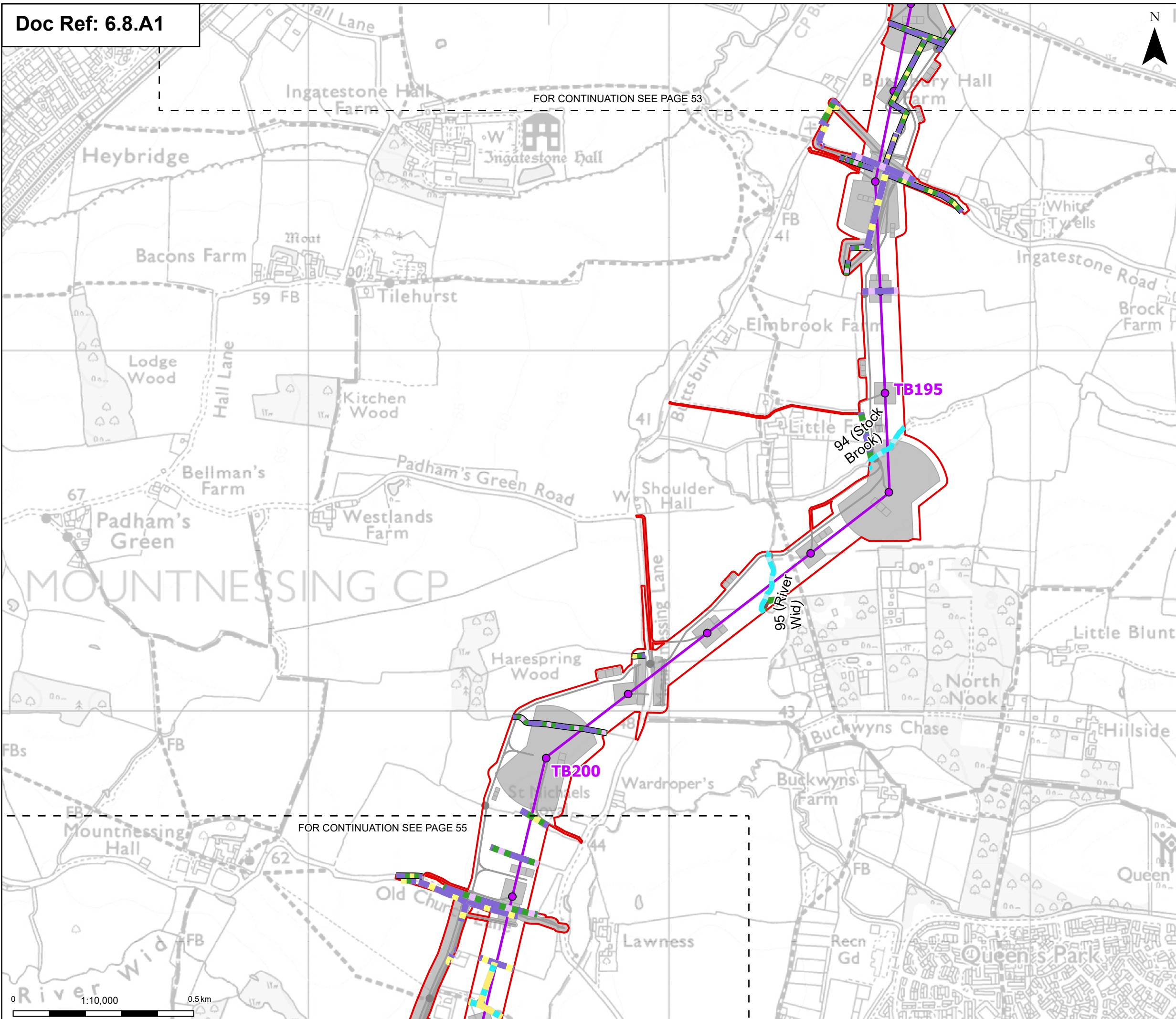
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Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410
 Revision: C



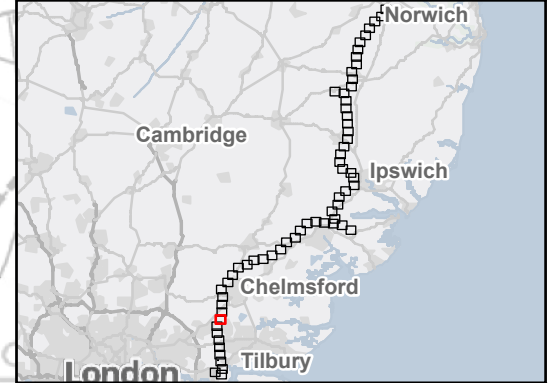
FOR CONTINUATION SEE PAGE 53

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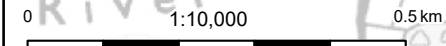
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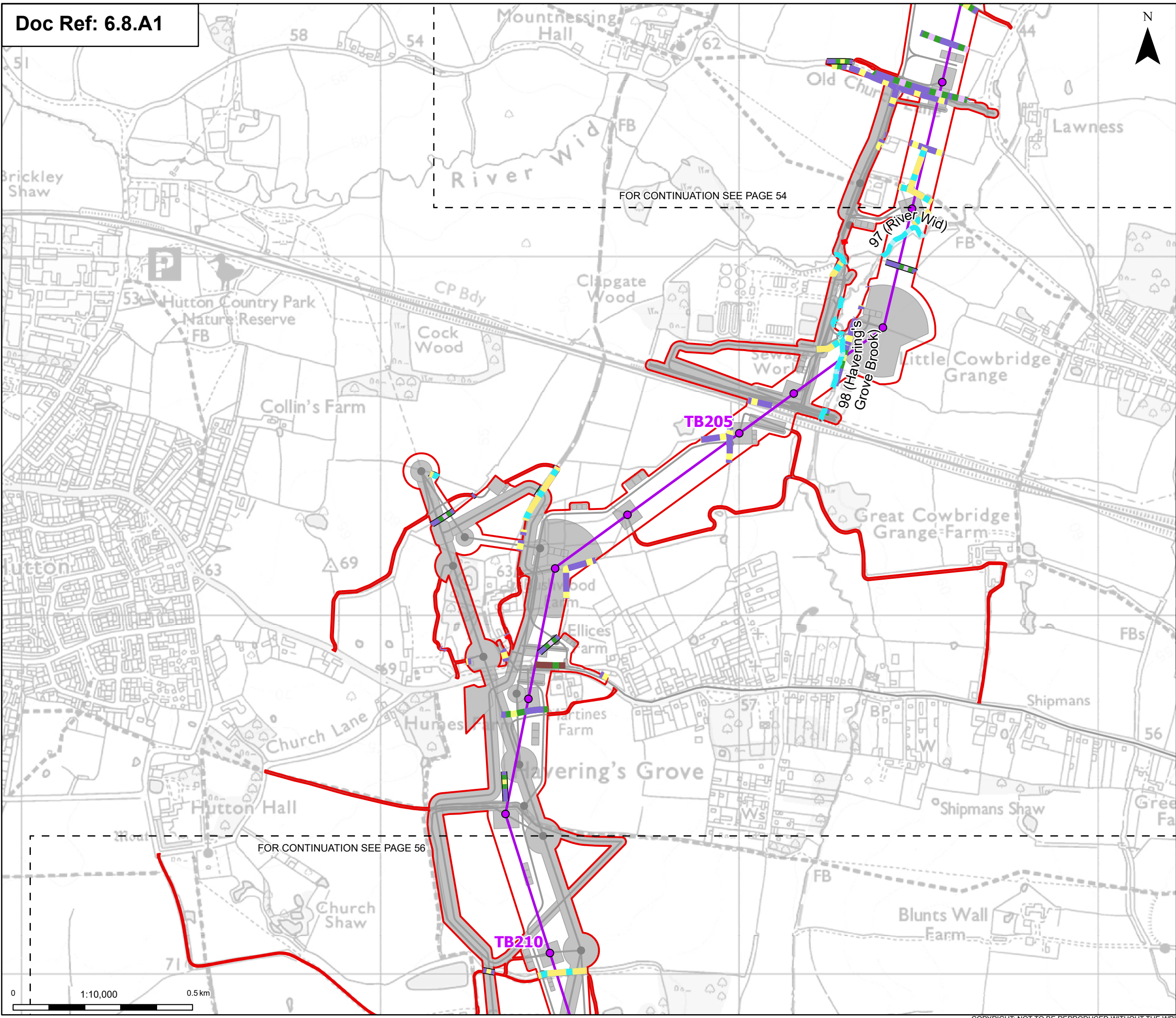
PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 54 of 63

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

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410
 Revision: C





Proposed project design details

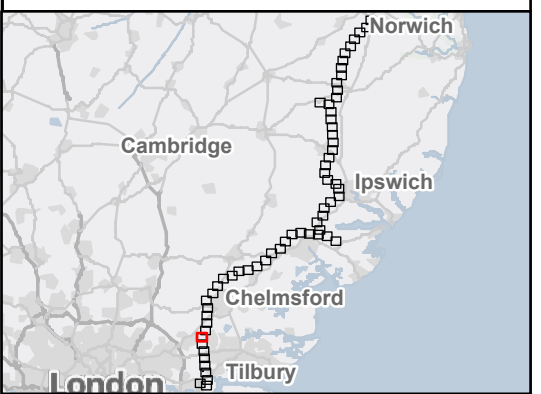
- Order limits
- Sheet index outline
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- 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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PROJECT:
nationalgrid Norwich to Tilbury

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

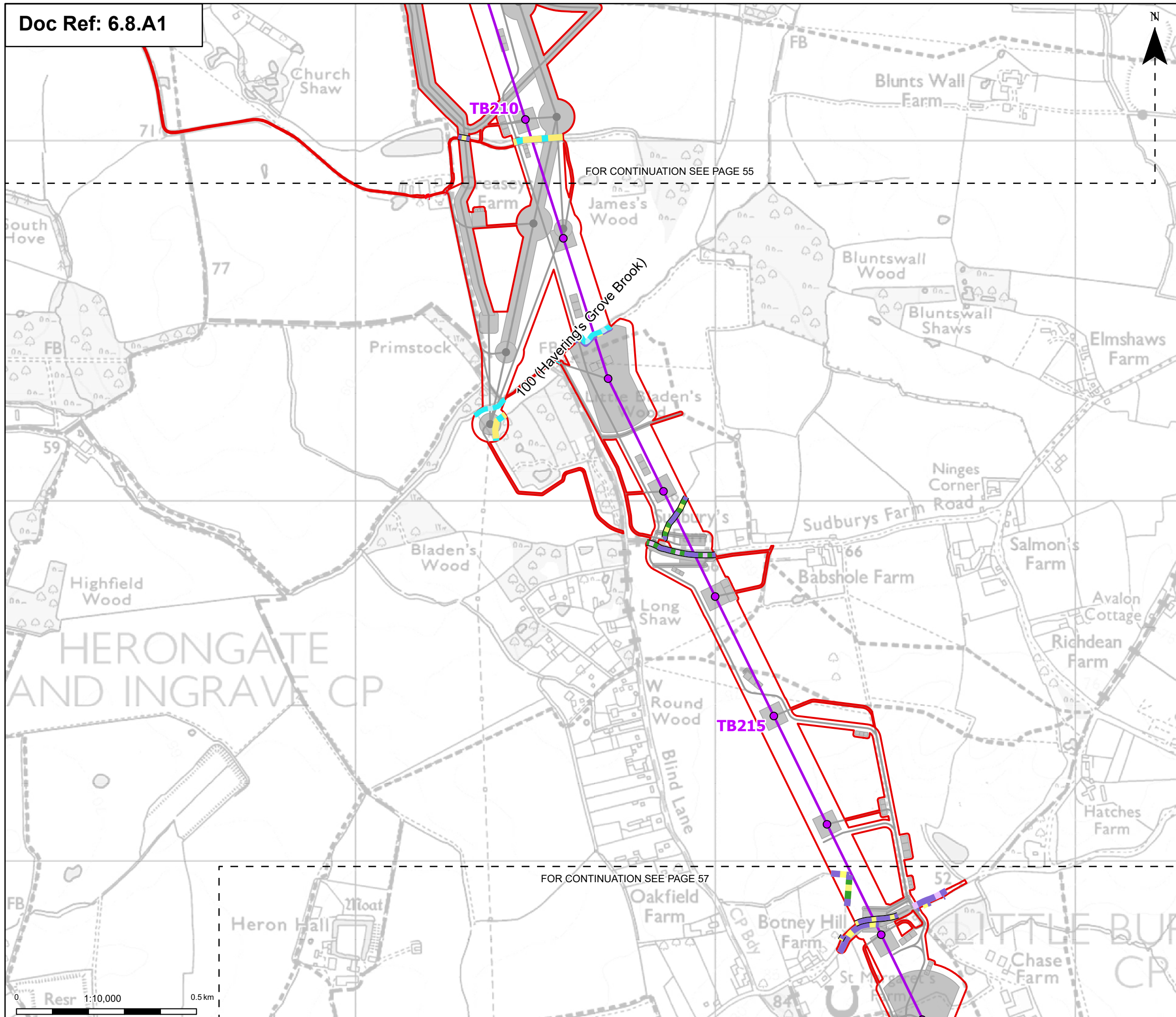
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 55 of 63

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



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

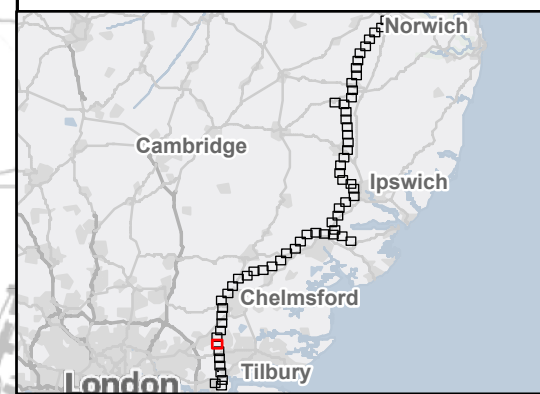
Discipline specific constraints

- 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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PROJECT:
nationalgrid Norwich to Tilbury

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

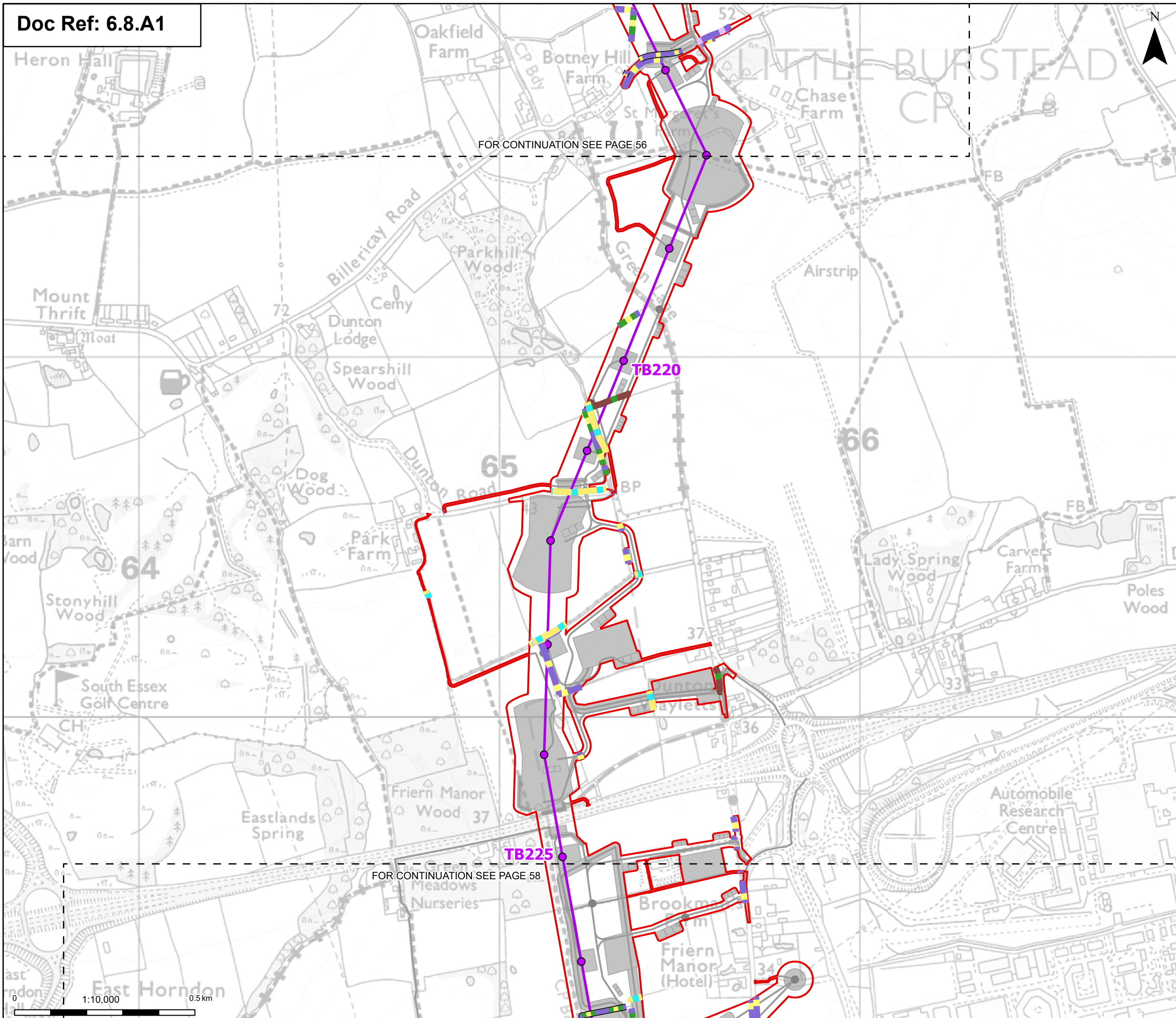
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 56 of 63

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

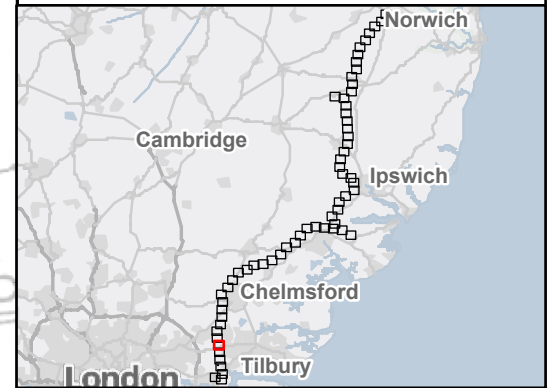


FOR CONTINUATION SEE PAGE 56

FOR CONTINUATION SEE PAGE 58

- ▬ 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
 - 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)

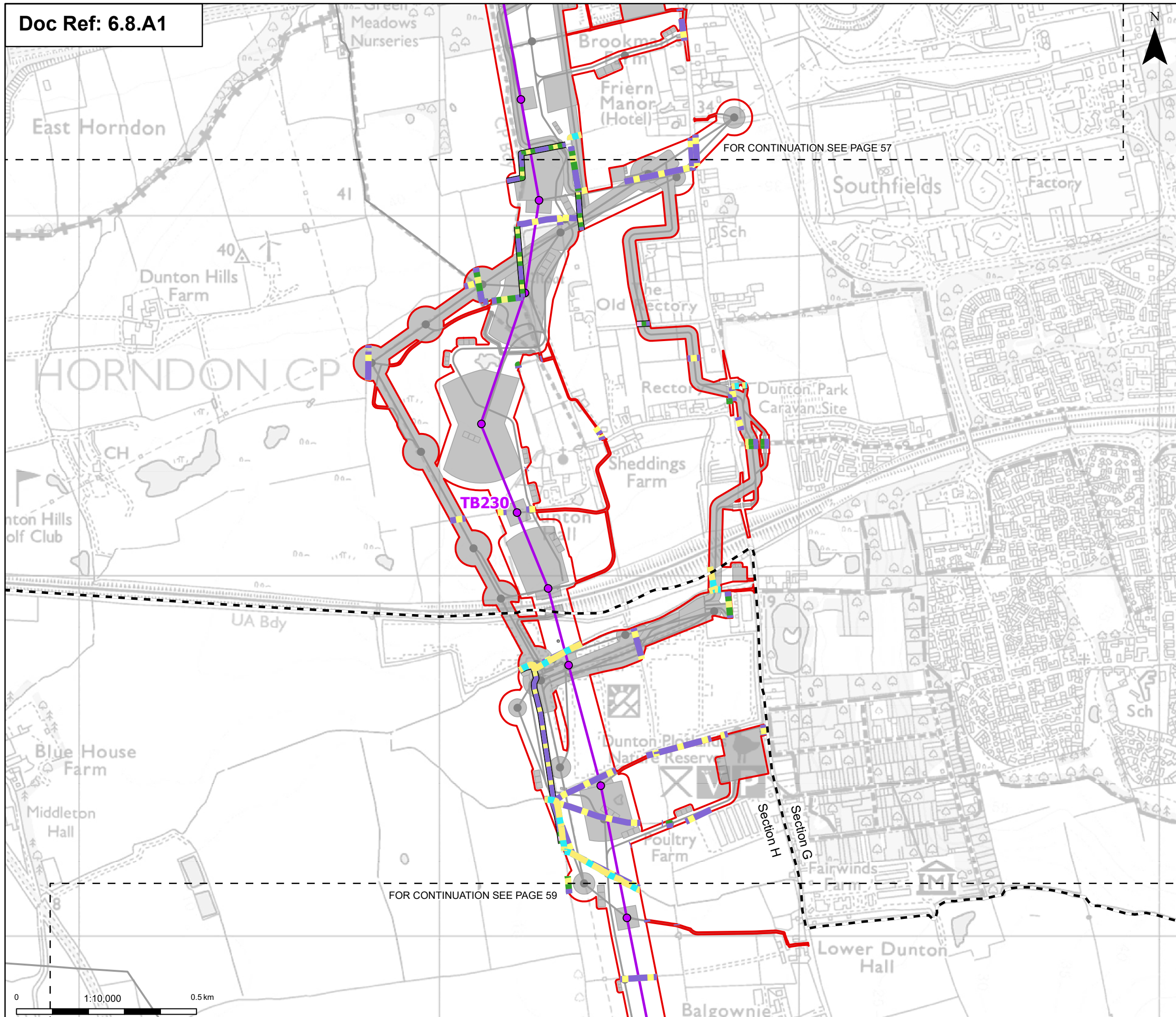
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section G
 Page 57 of 63

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



FOR CONTINUATION SEE PAGE 57

FOR CONTINUATION SEE PAGE 59

Order limits
 Sheet index outline
 Project section line

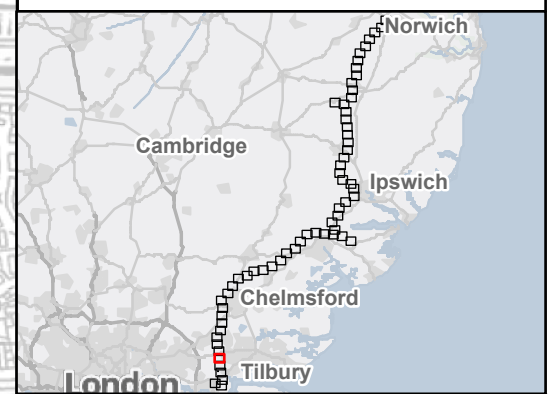
Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental mitigation
 Other temporary and permanent construction and operational works

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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PROJECT:
nationalgrid Norwich to Tilbury

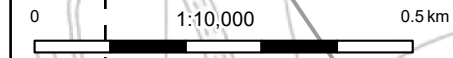
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 Regulation 5(2)(a)&(I)(ii)

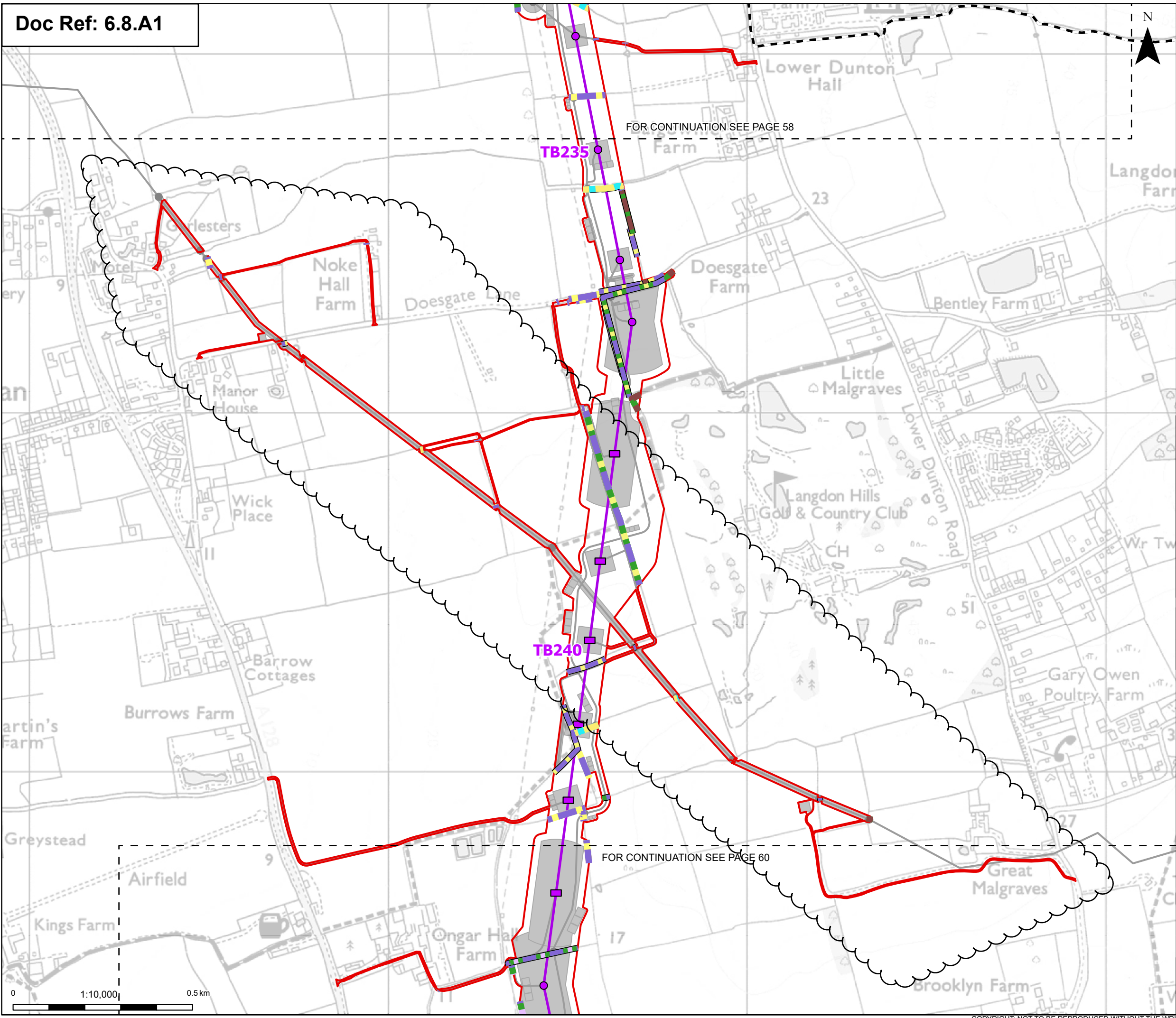
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
 Page 58 of 63

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

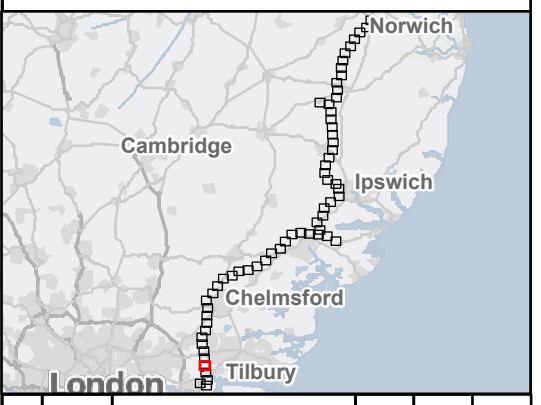
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

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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nationalgrid Norwich to Tilbury

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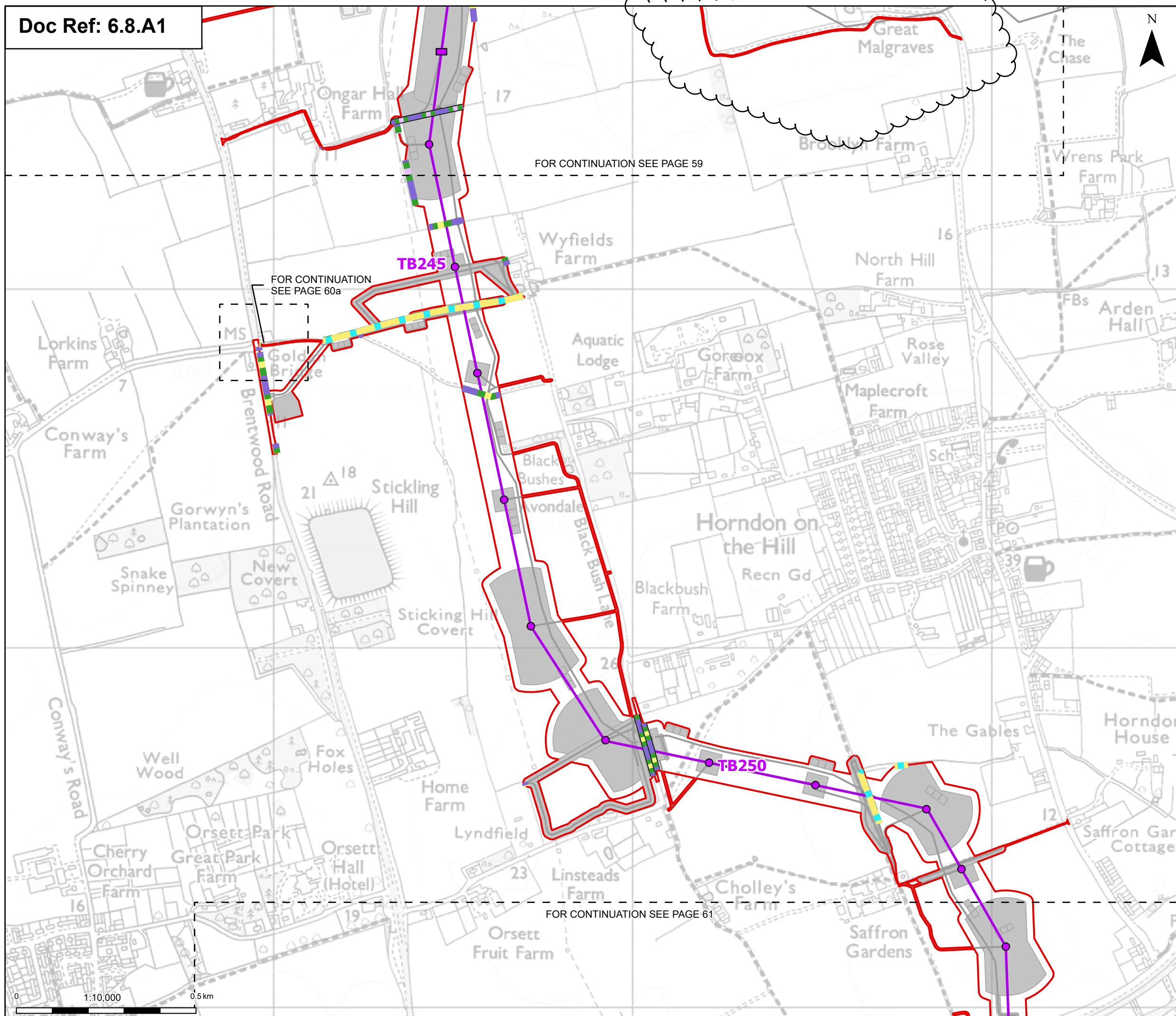
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
 Page 59 of 63

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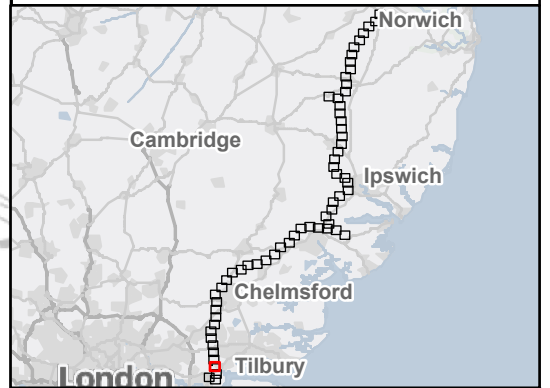
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Revision:
 C



- ▬ Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed low height pylon location
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - 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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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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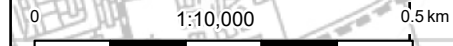
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 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 60 of 63

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

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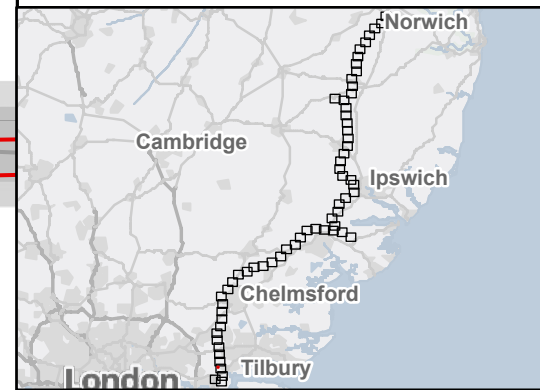




- Order limits
- Sheet index outline
- Discipline specific constraints**
- Native hedgerow with trees
- Non-native and ornamental hedgerow
- Ditch

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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PROJECT:
nationalgrid Norwich to Tilbury

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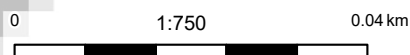
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 Section H
 Page 60a of 63

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:
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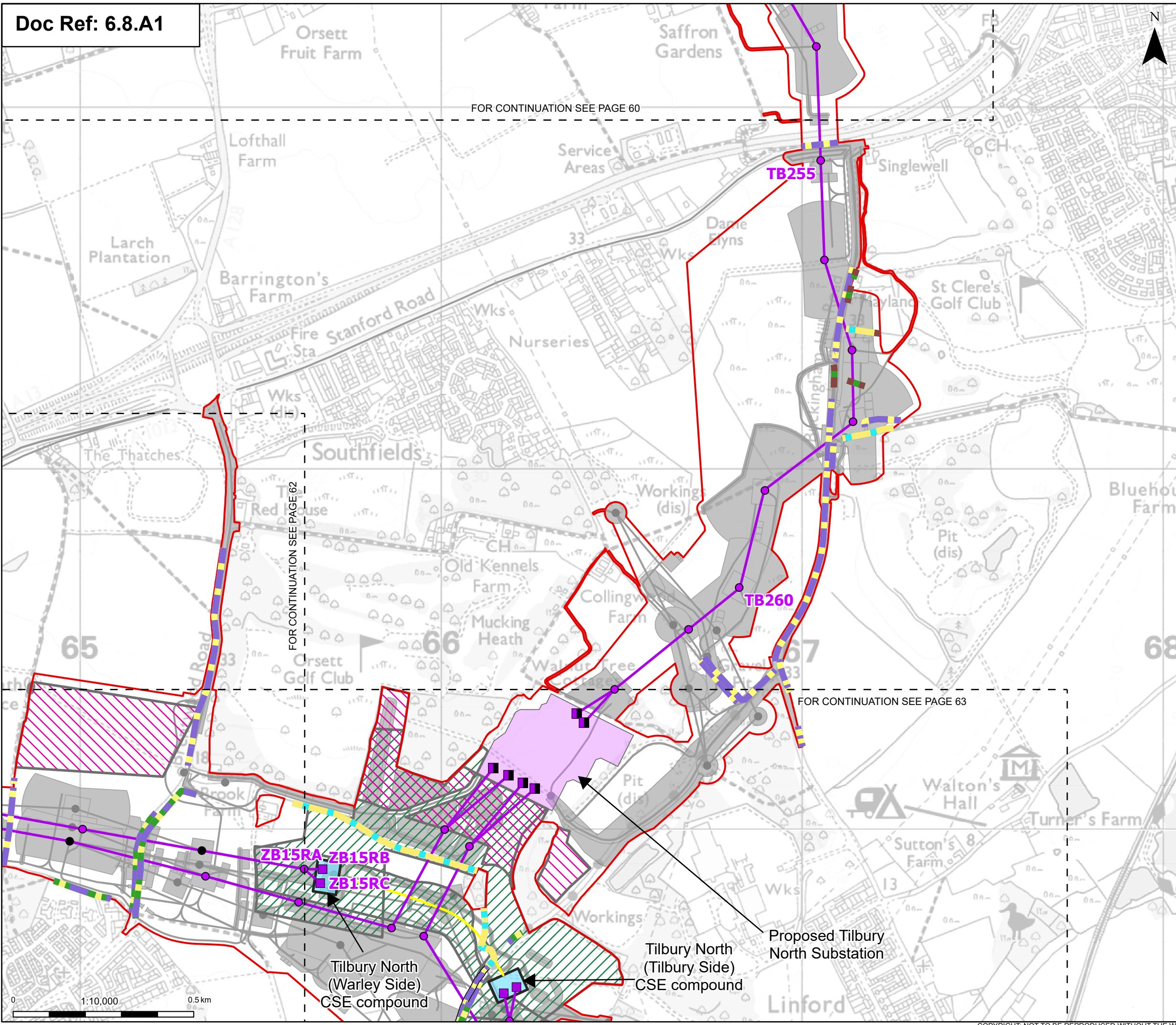
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FOR CONTINUATION SEE PAGE 60

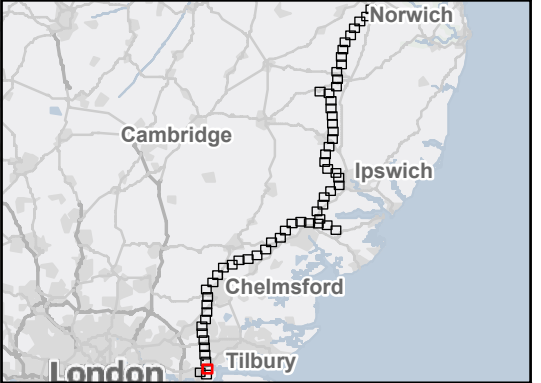
FOR CONTINUATION SEE PAGE 62

FOR CONTINUATION SEE PAGE 63



- Order limits
 - Sheet index outline
 - Proposed full line tension gantry
 - Proposed low duty gantry
 - Existing pylon (modify)
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed Tilbury North Substation
 - Proposed cable sealing end compound (CSEC)
 - Environmental area
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - 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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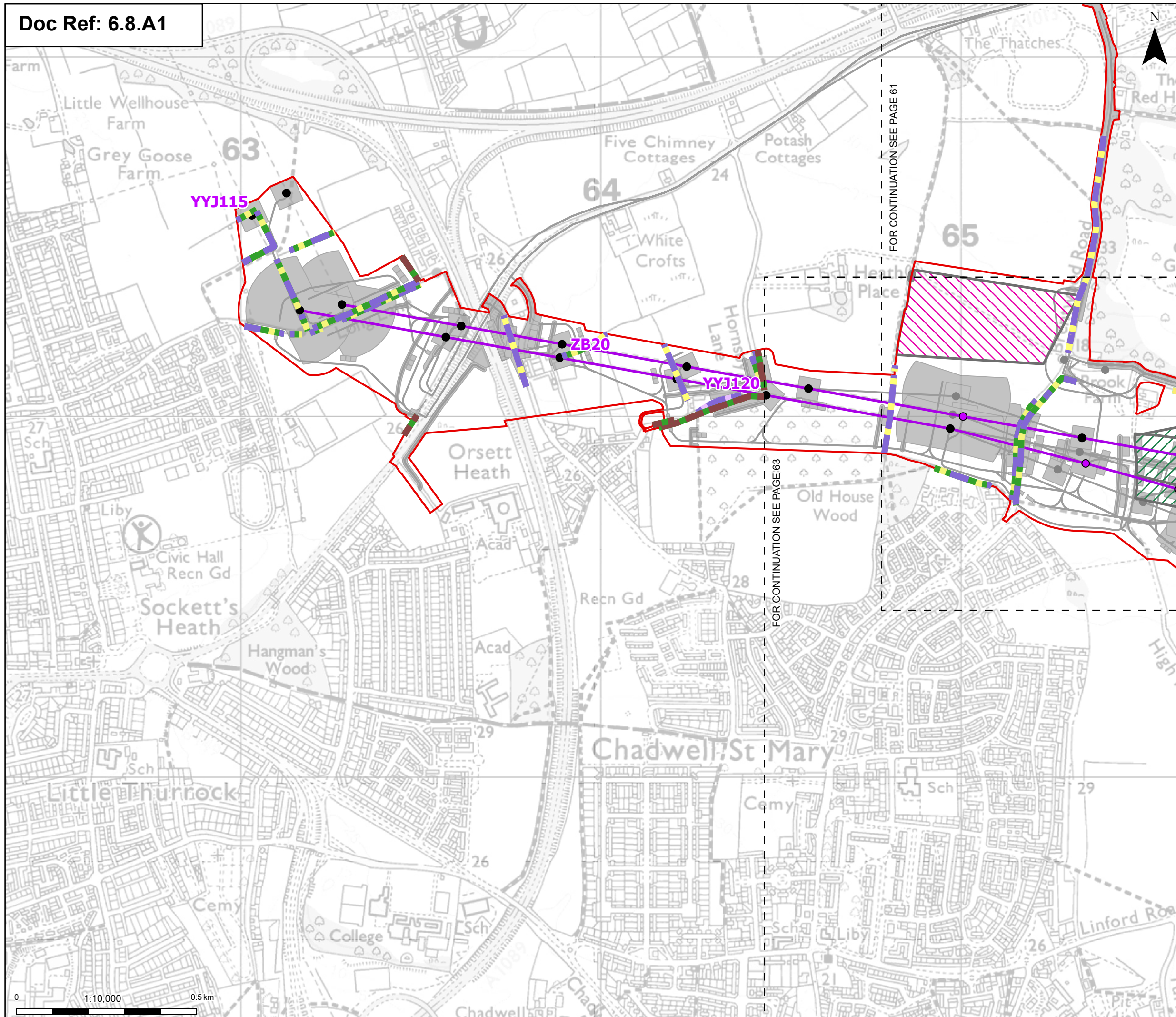
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 Section H
 Page 61 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
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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:
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Drawing Number:
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Revision:
C



Order limits
 Sheet index outline

Proposed project design details

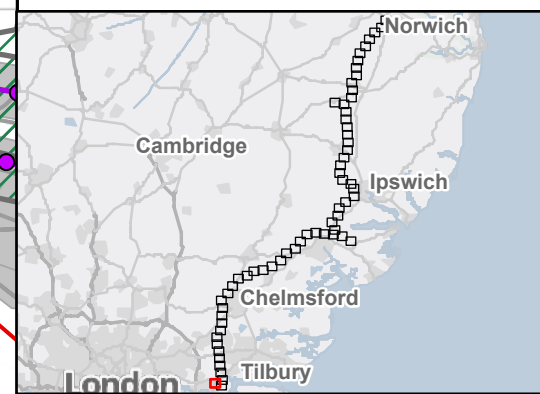
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

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

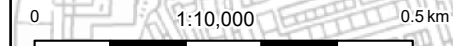
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

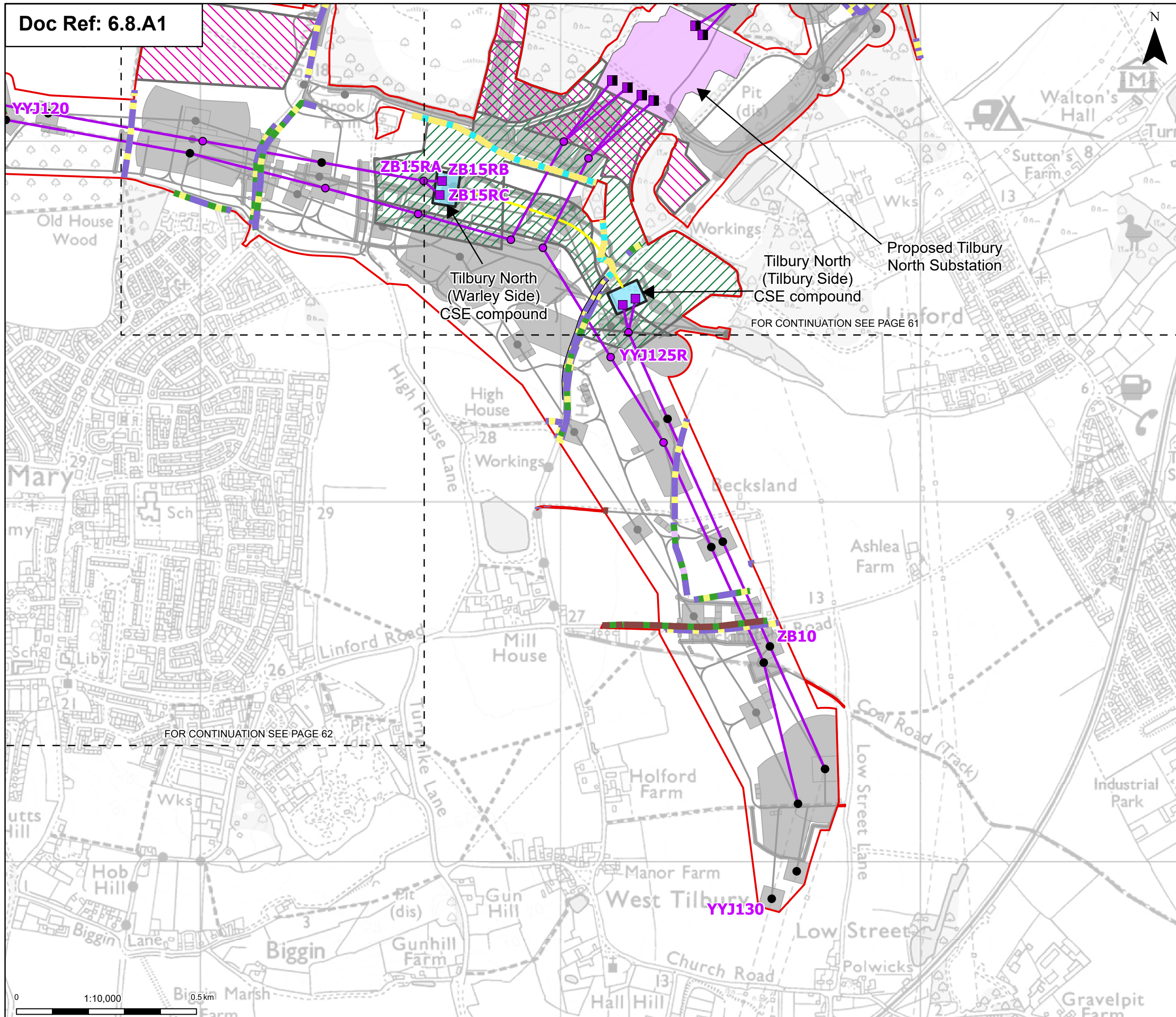
Title:
 Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
 Section H
 Page 62 of 63

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
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Order limits

- Sheet index outline

Proposed project design details

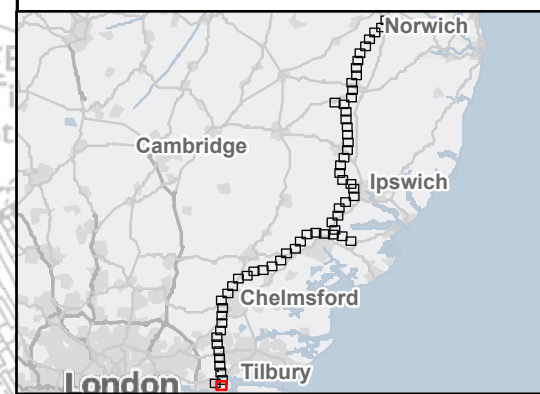
- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental 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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Planning Inspectorate App Number: EN020027
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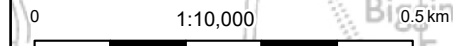
Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section H
 Page 63 of 63

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Revision:
C



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