

AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Figure A8.1.6: Invasive Plant Species Tracked
Changes Version of Deadline 4 Submission

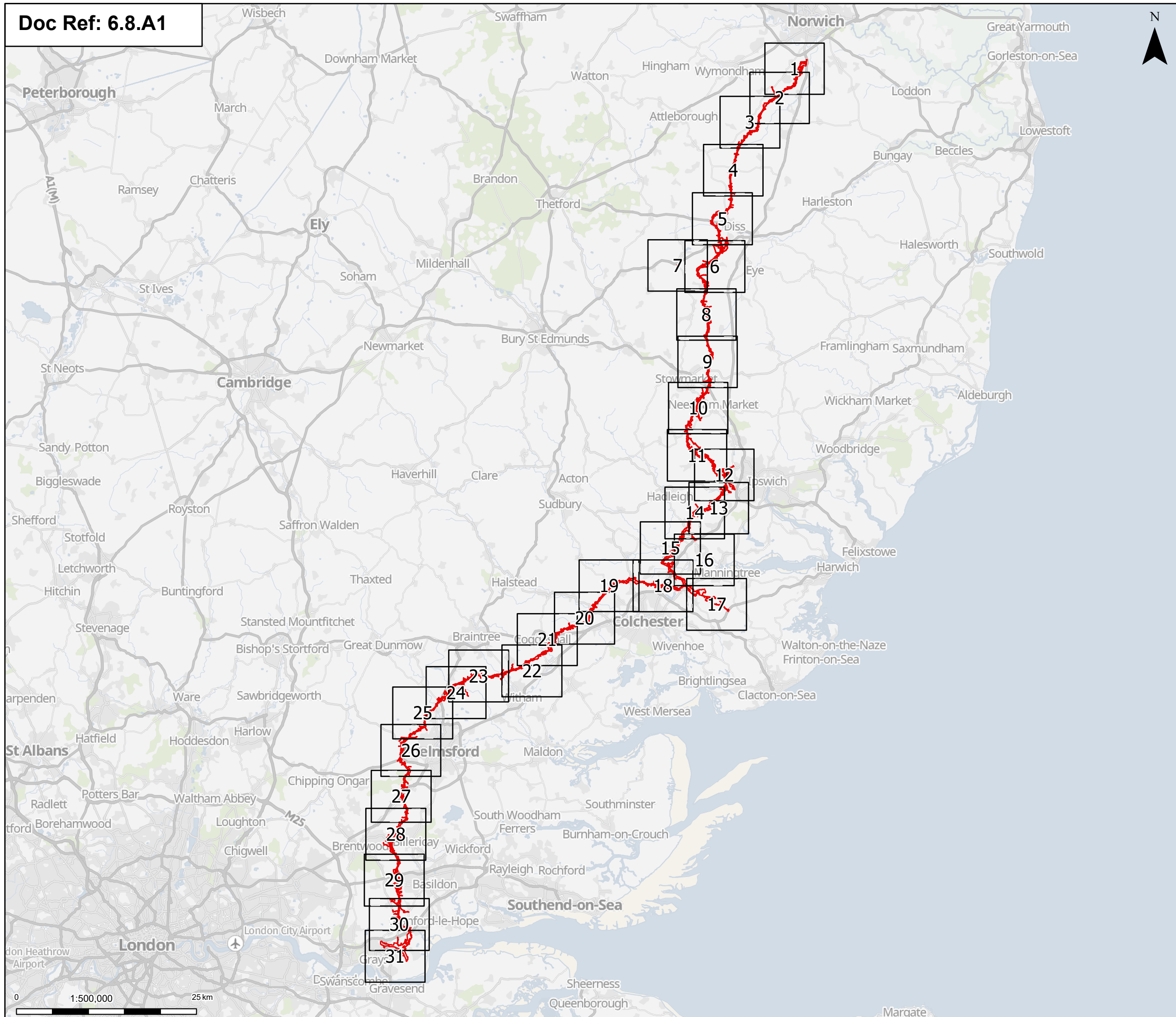
Final Issue C

June 2026

Planning Inspectorate Reference: EN020027

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

nationalgrid



Order limits
Page

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

PROJECT:
nationalgrid Norwich to Tilbury

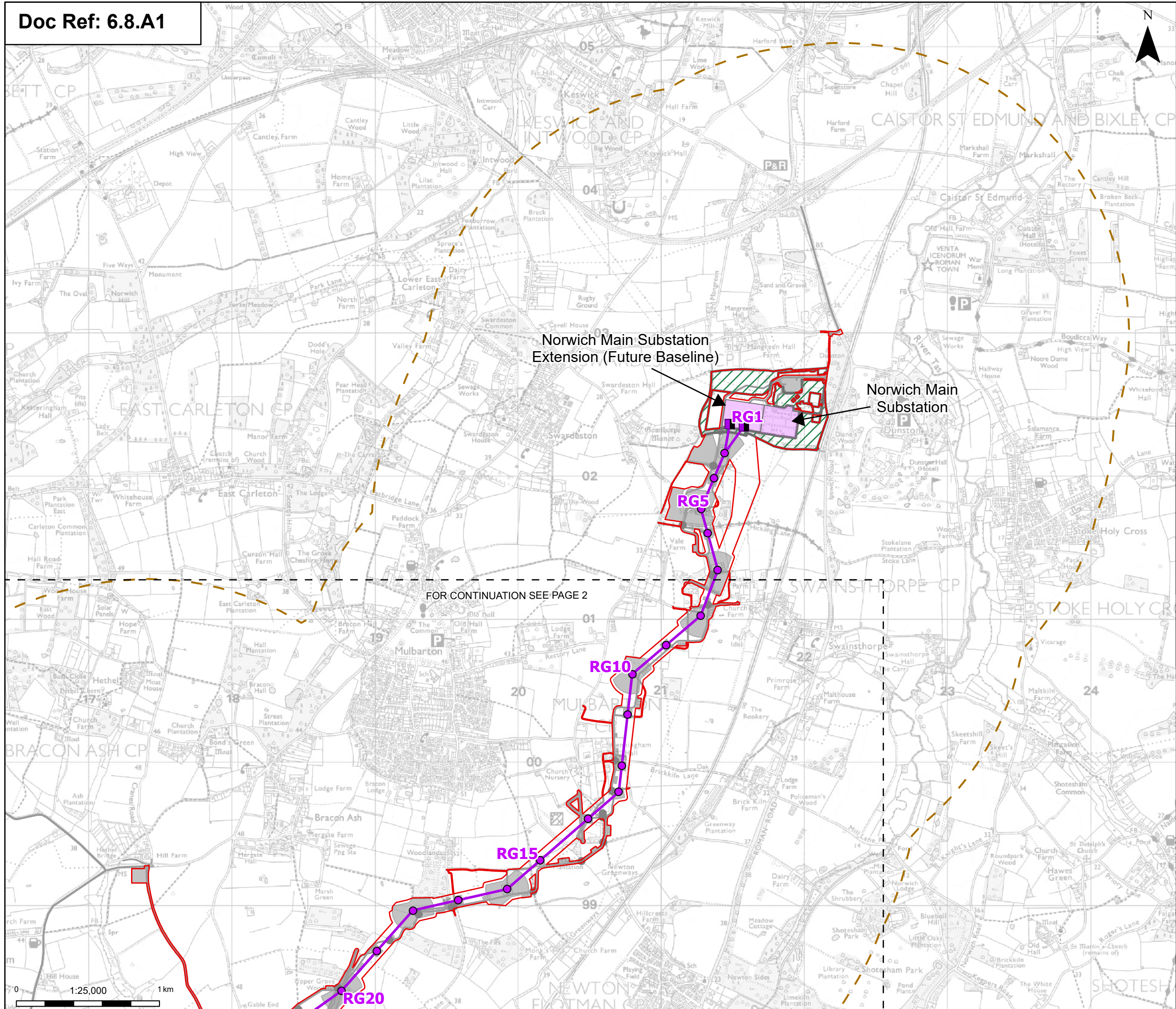
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Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species Overview

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

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Accepted as Concept Stage

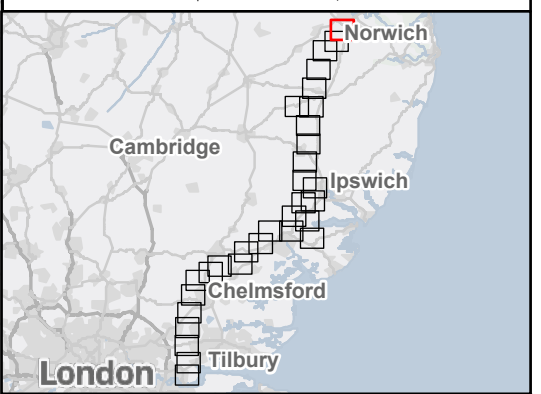
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00399	Revision:	C
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Norwich Main Substation
 - Norwich Main Substation Extension (future baseline)
 - Environmental area
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 2 km Study Area

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

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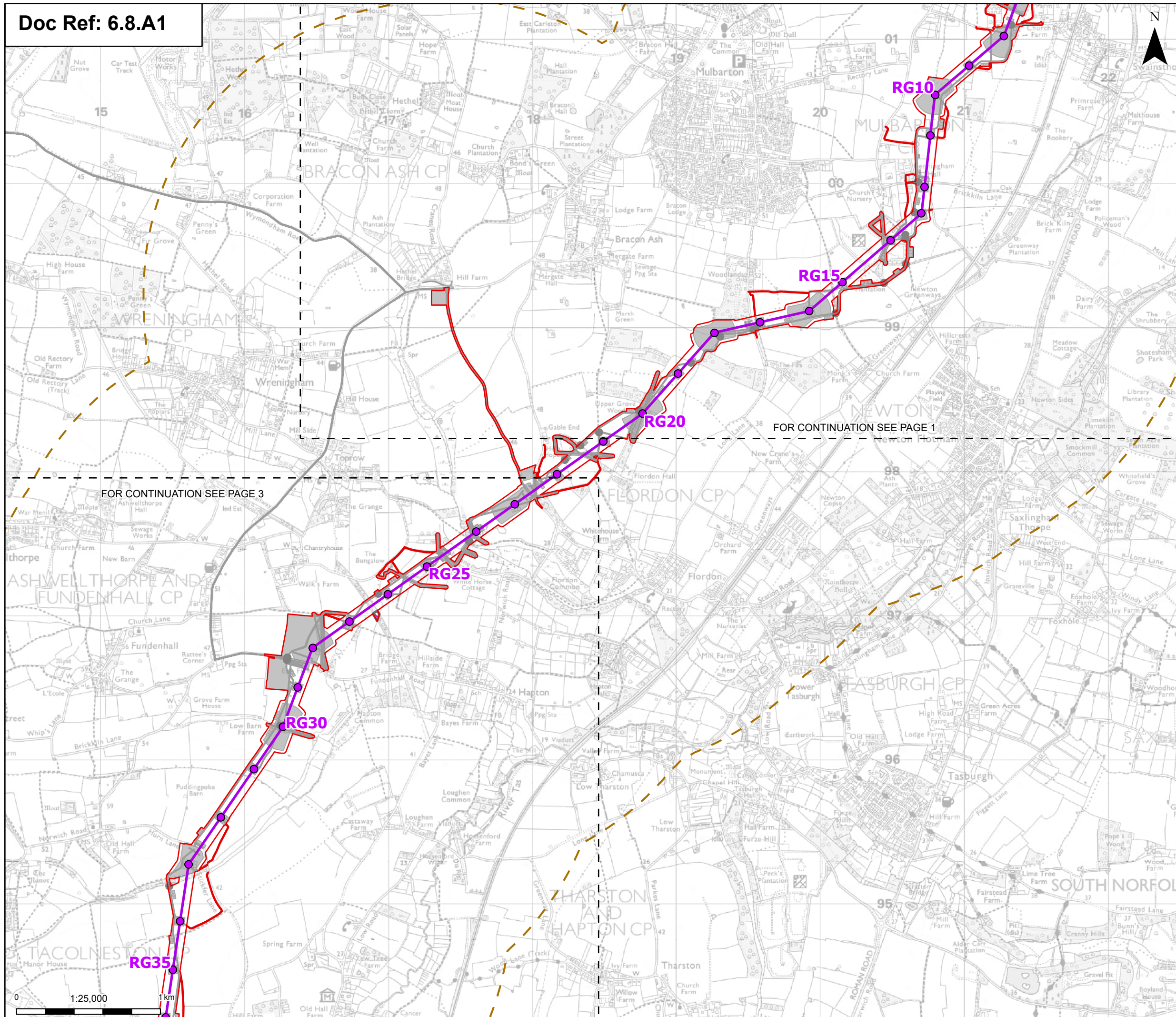
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 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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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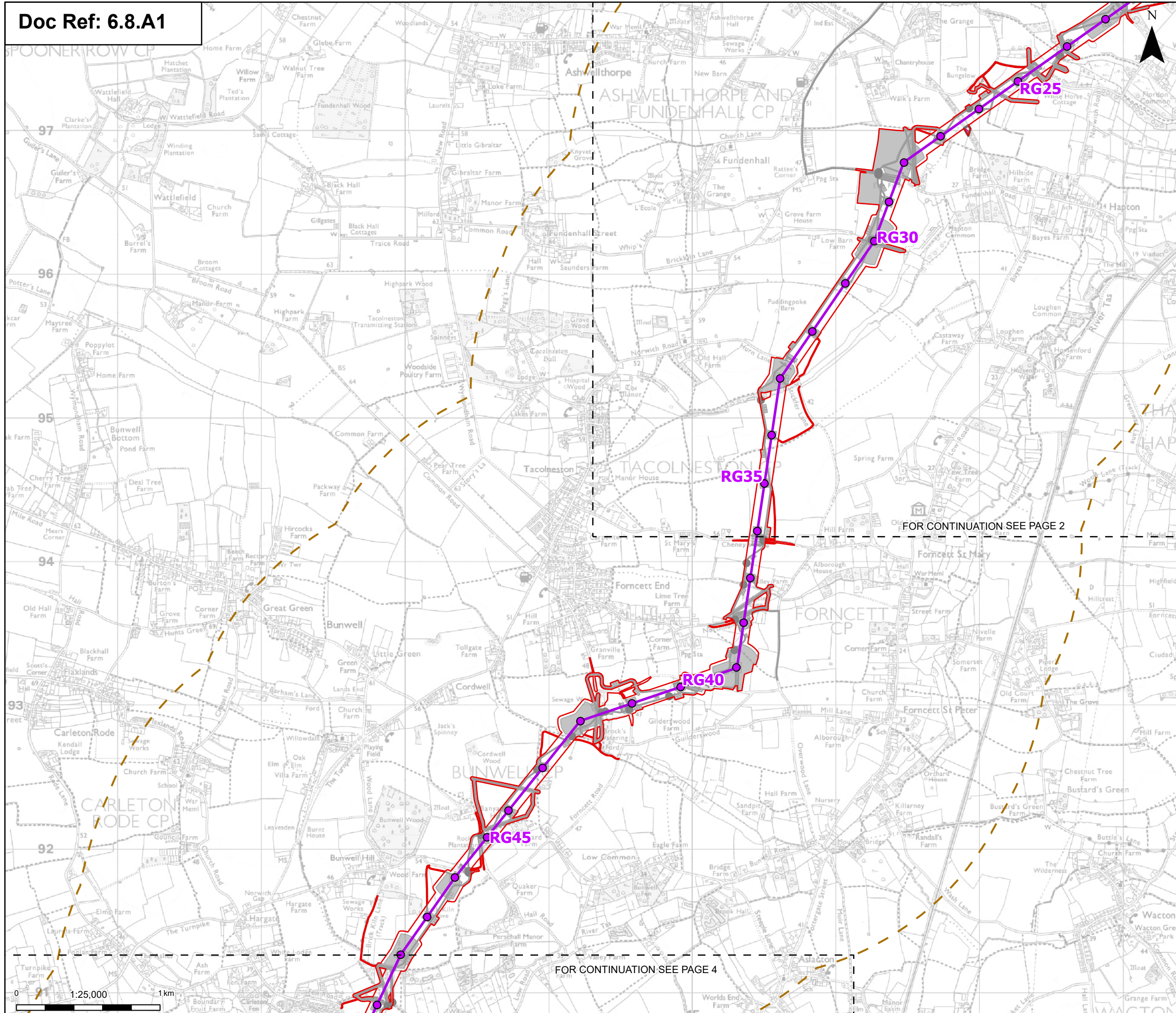
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Discipline specific constraints

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Title:
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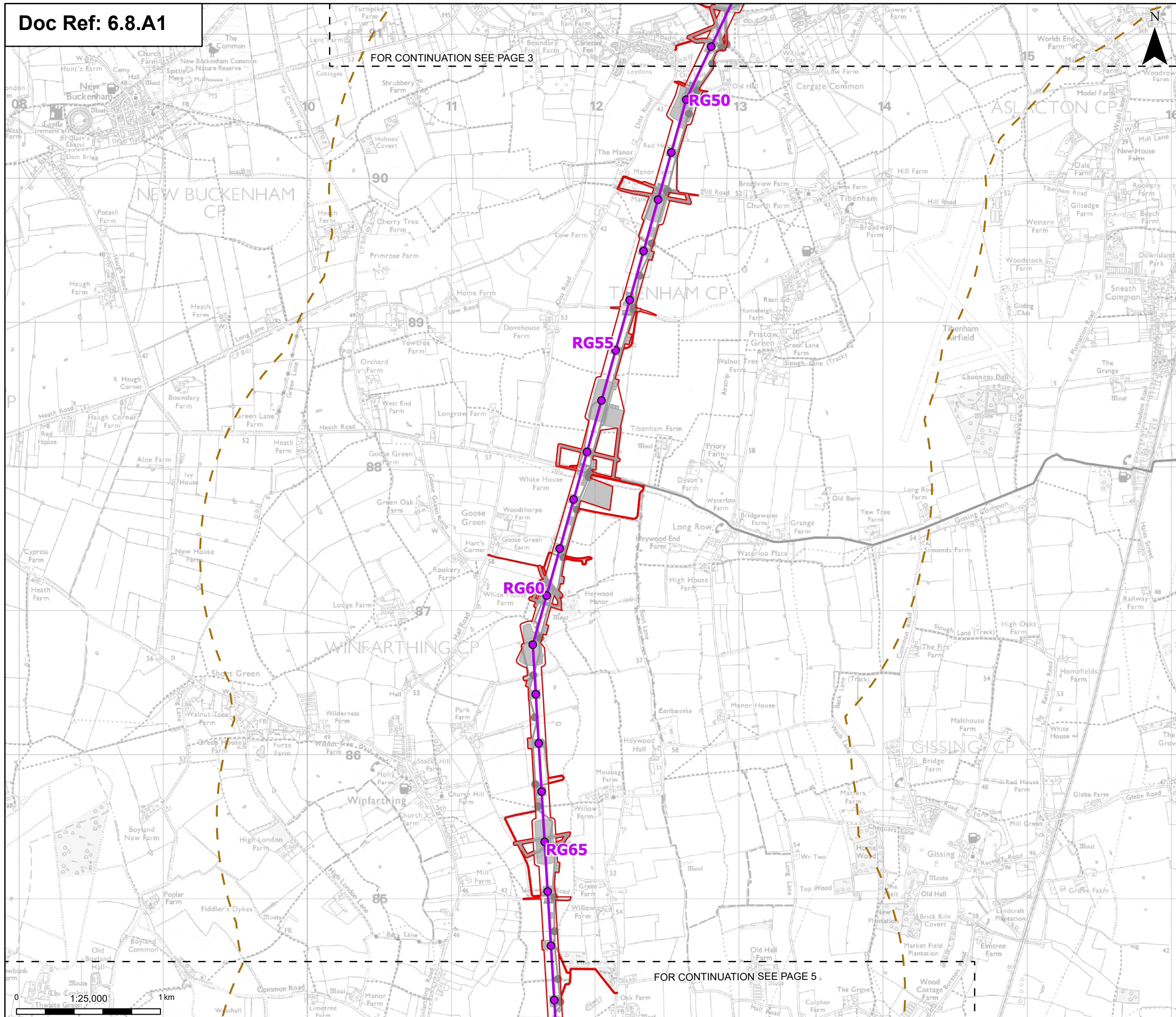
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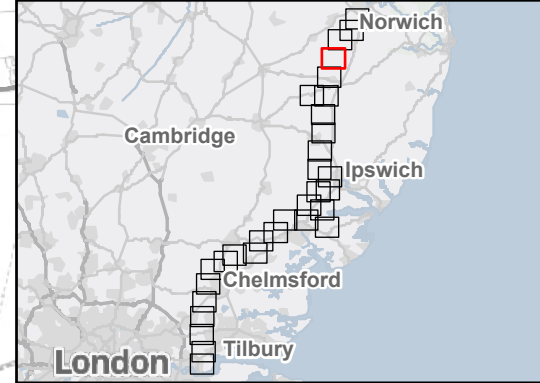
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 2 km Study Area

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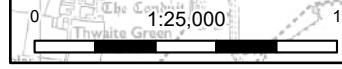
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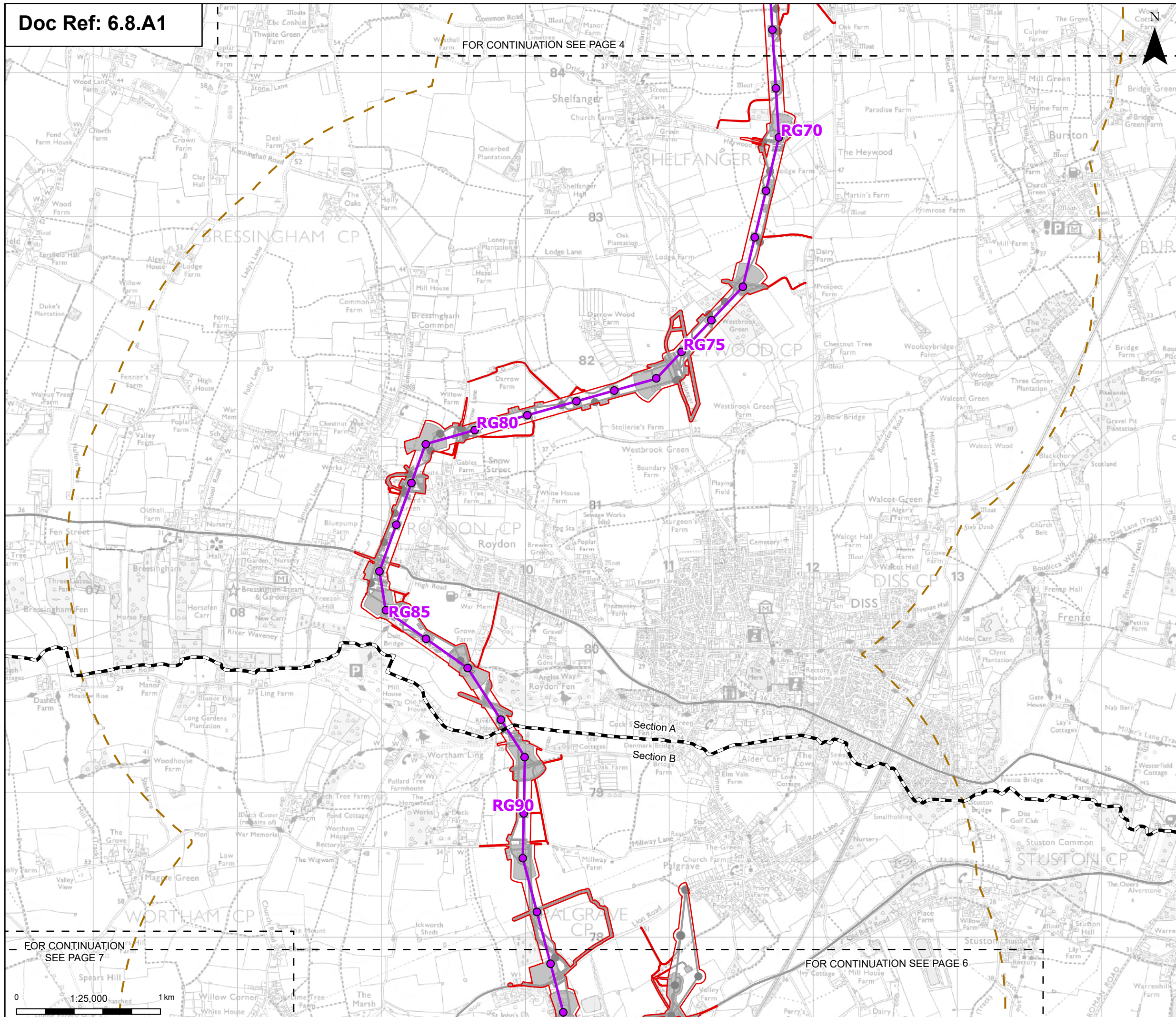
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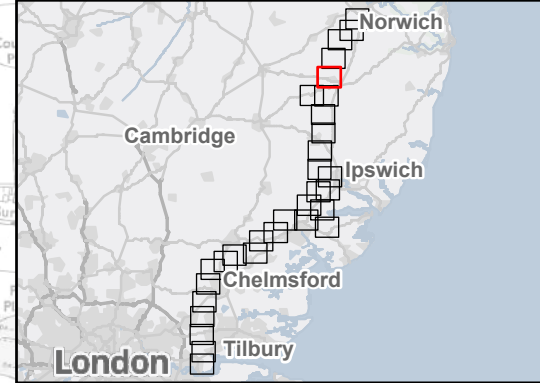
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- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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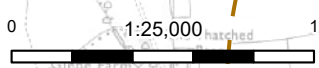
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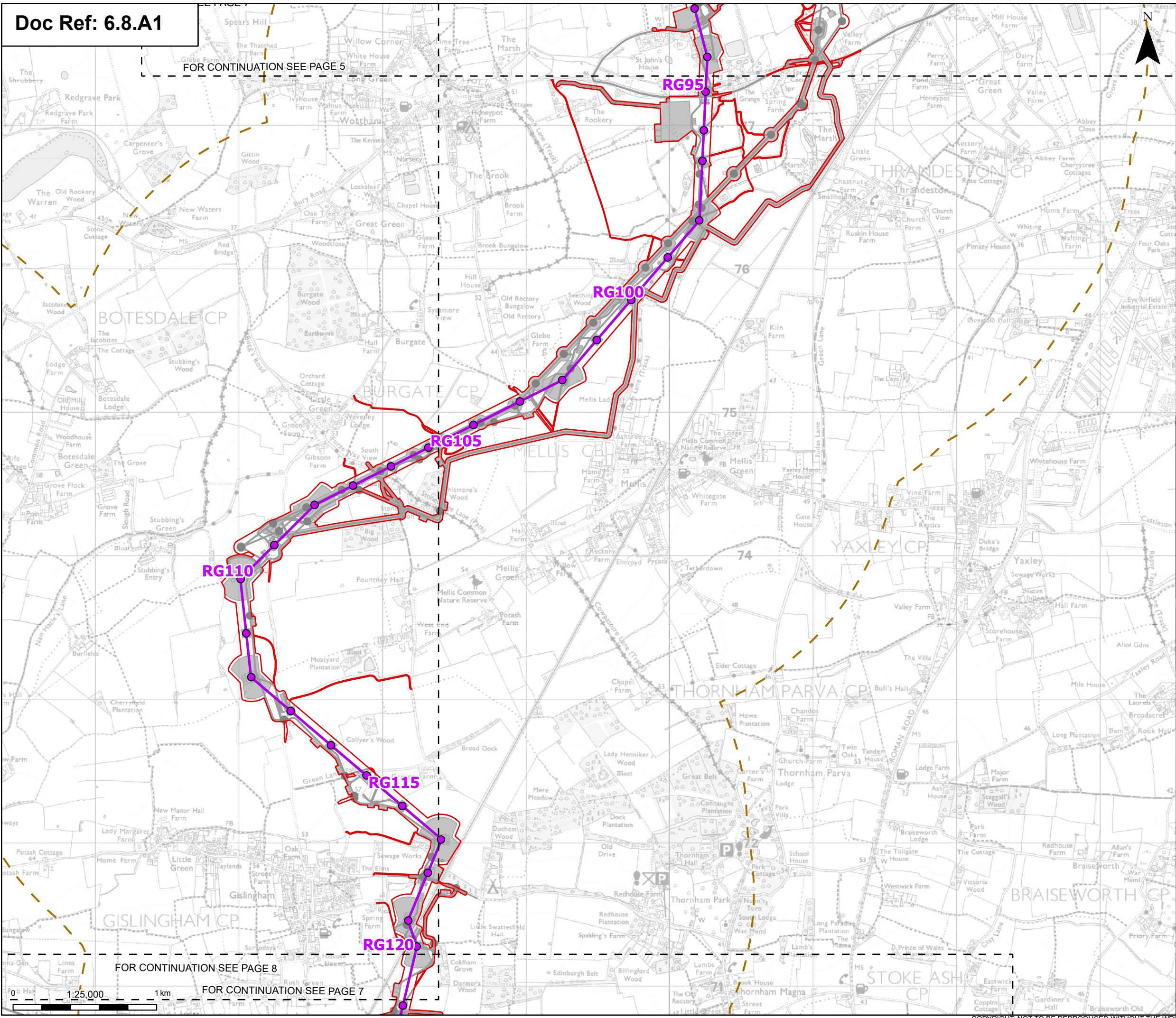
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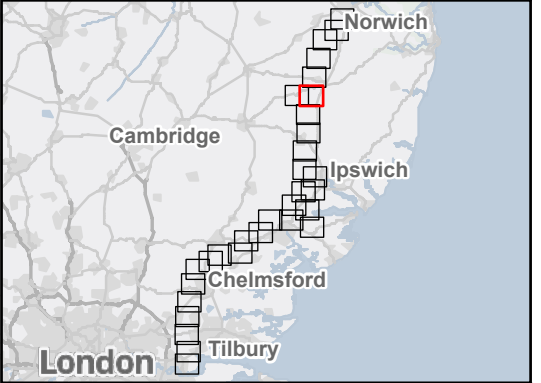
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- Other temporary and permanent construction and operational works

Discipline specific constraints

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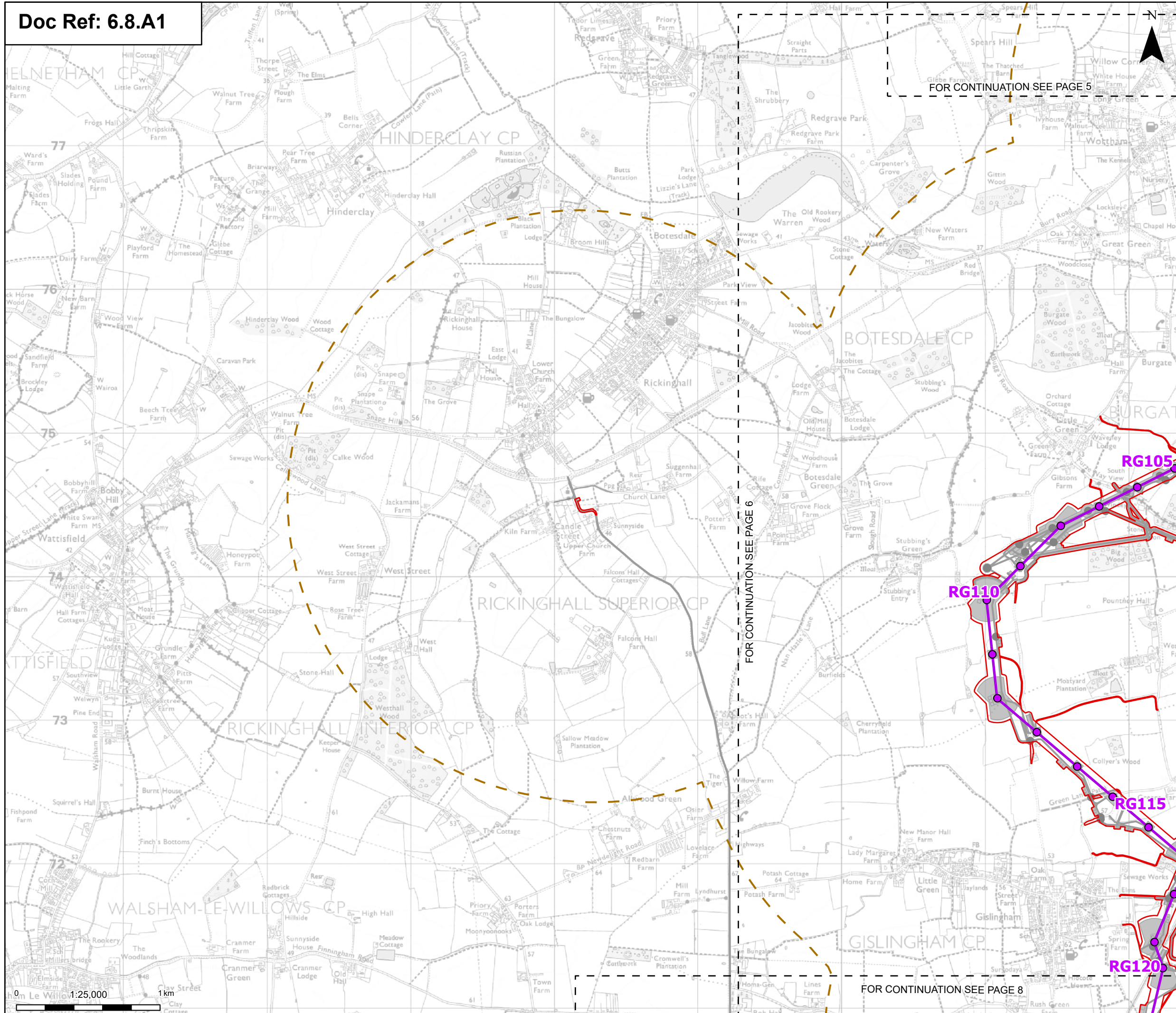
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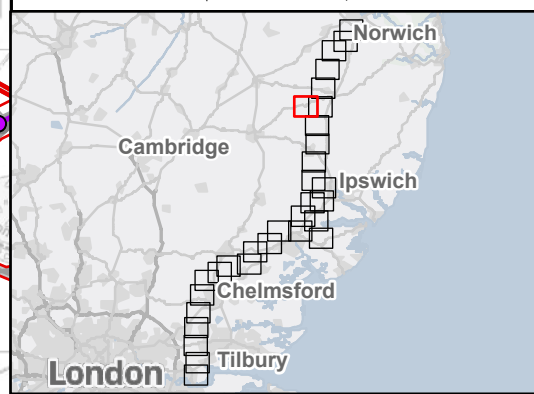
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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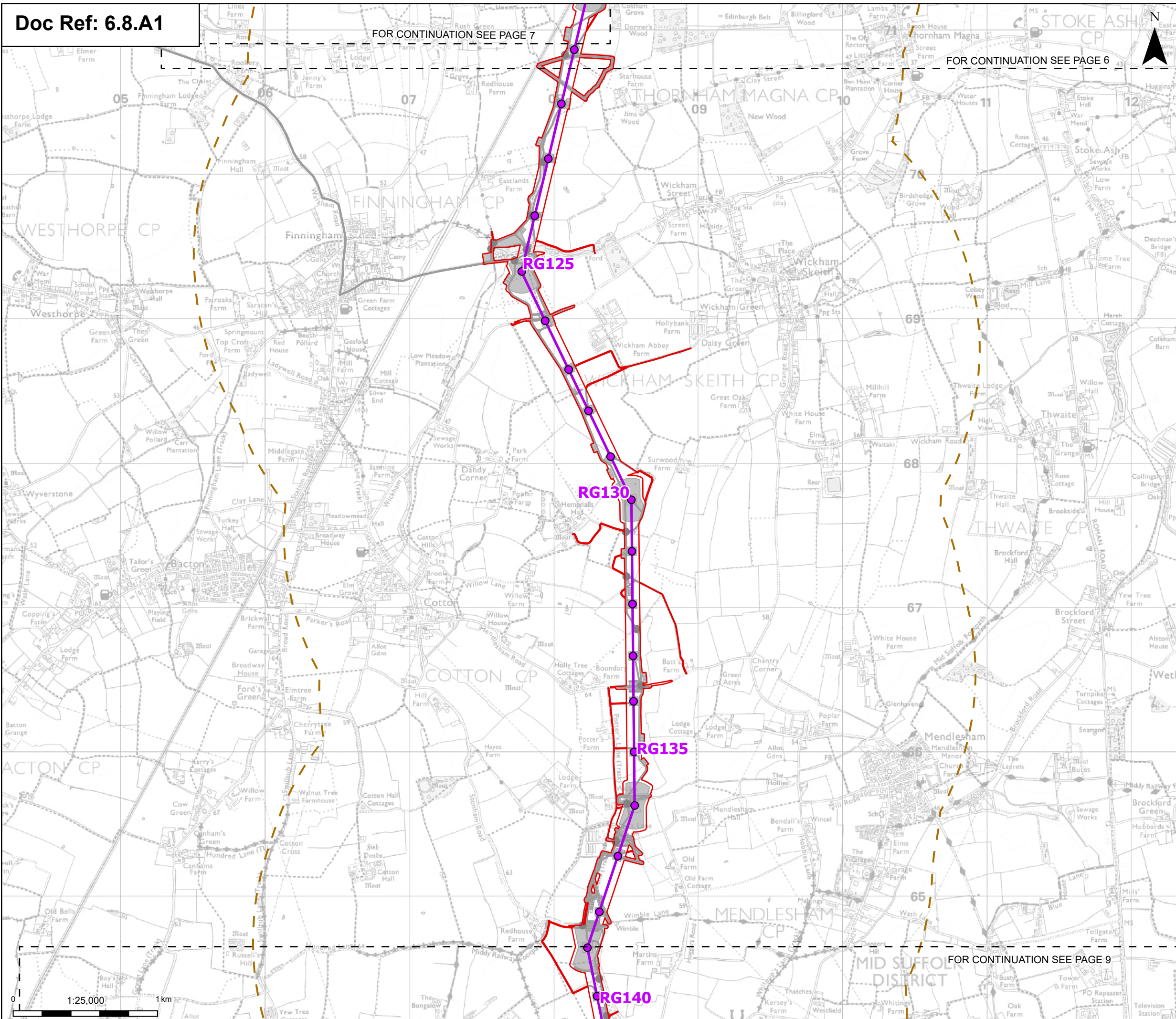
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Suitability Description:
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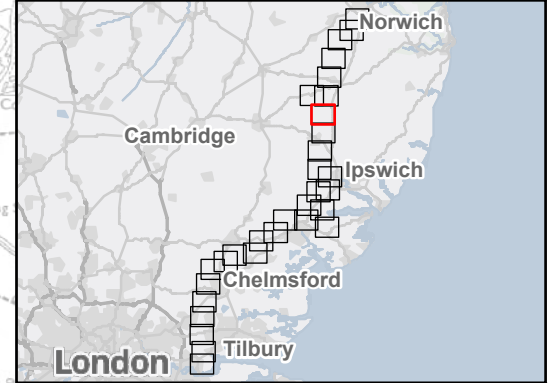
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 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 2 km Study Area

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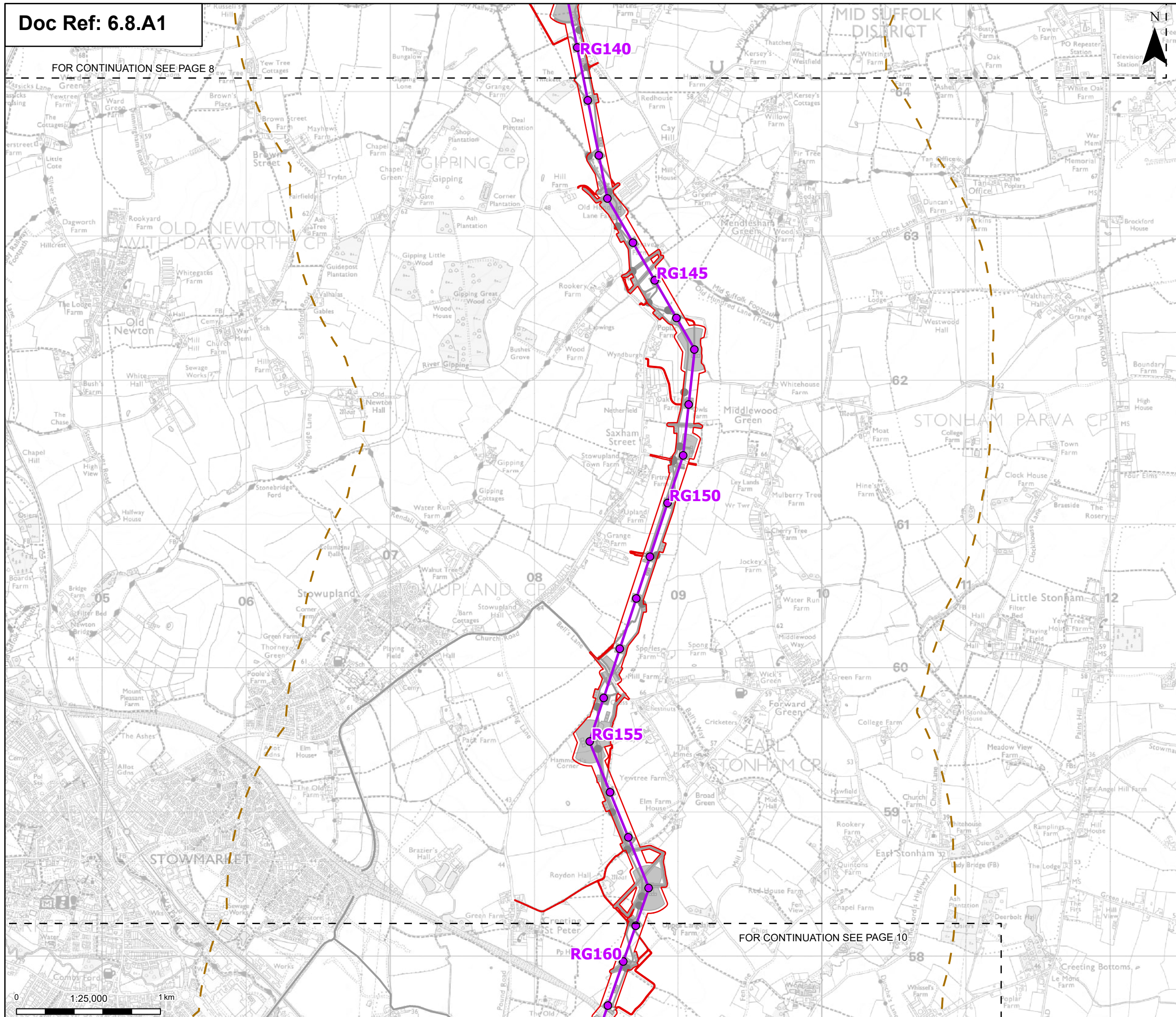
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 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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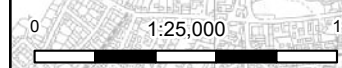
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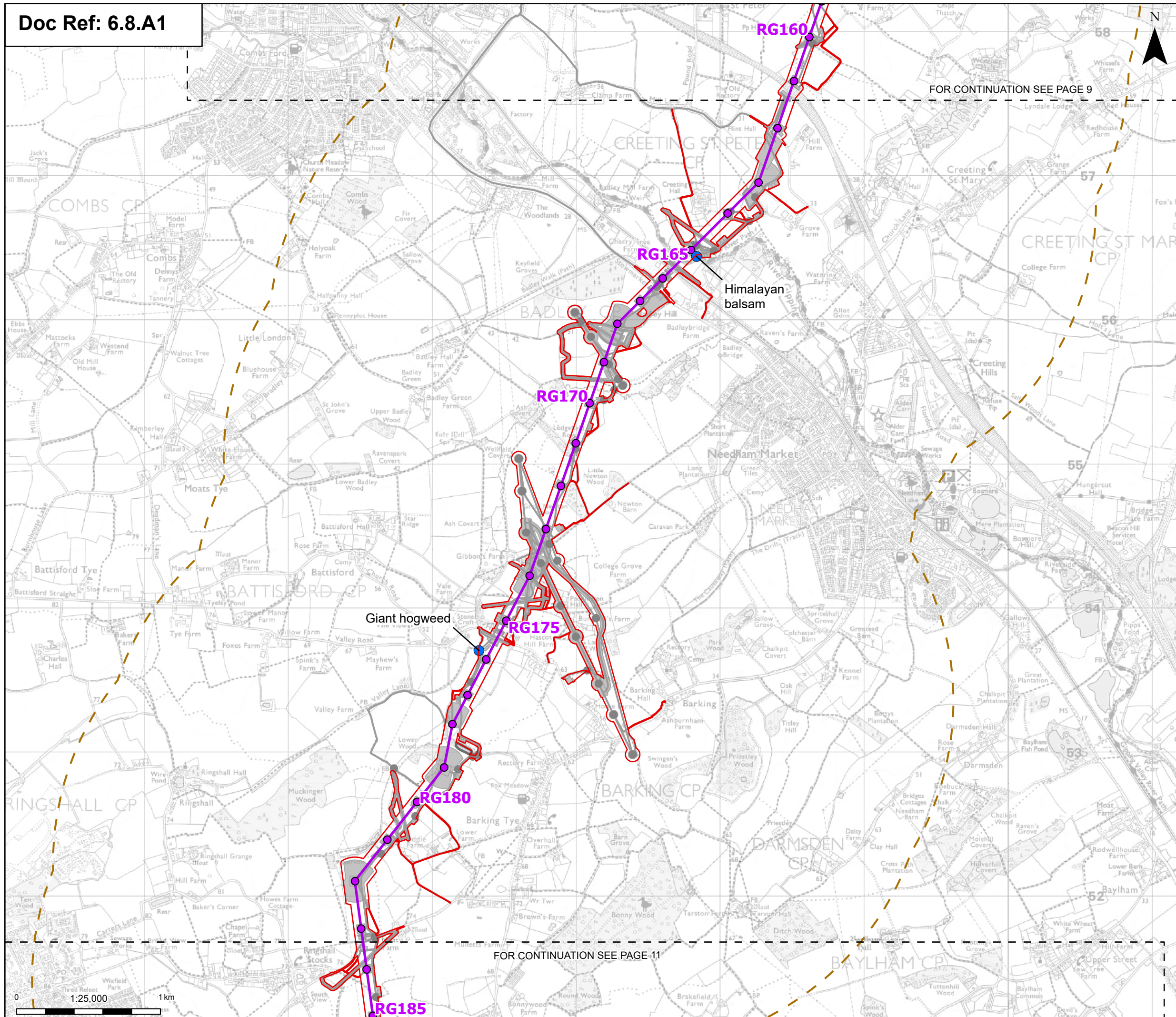
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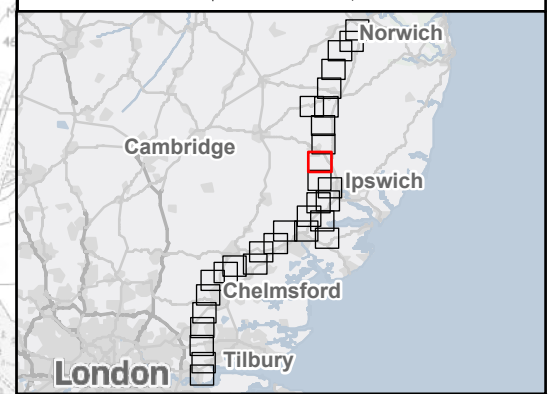


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 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 2 km Study Area
 - Invasive species (field survey records)
- 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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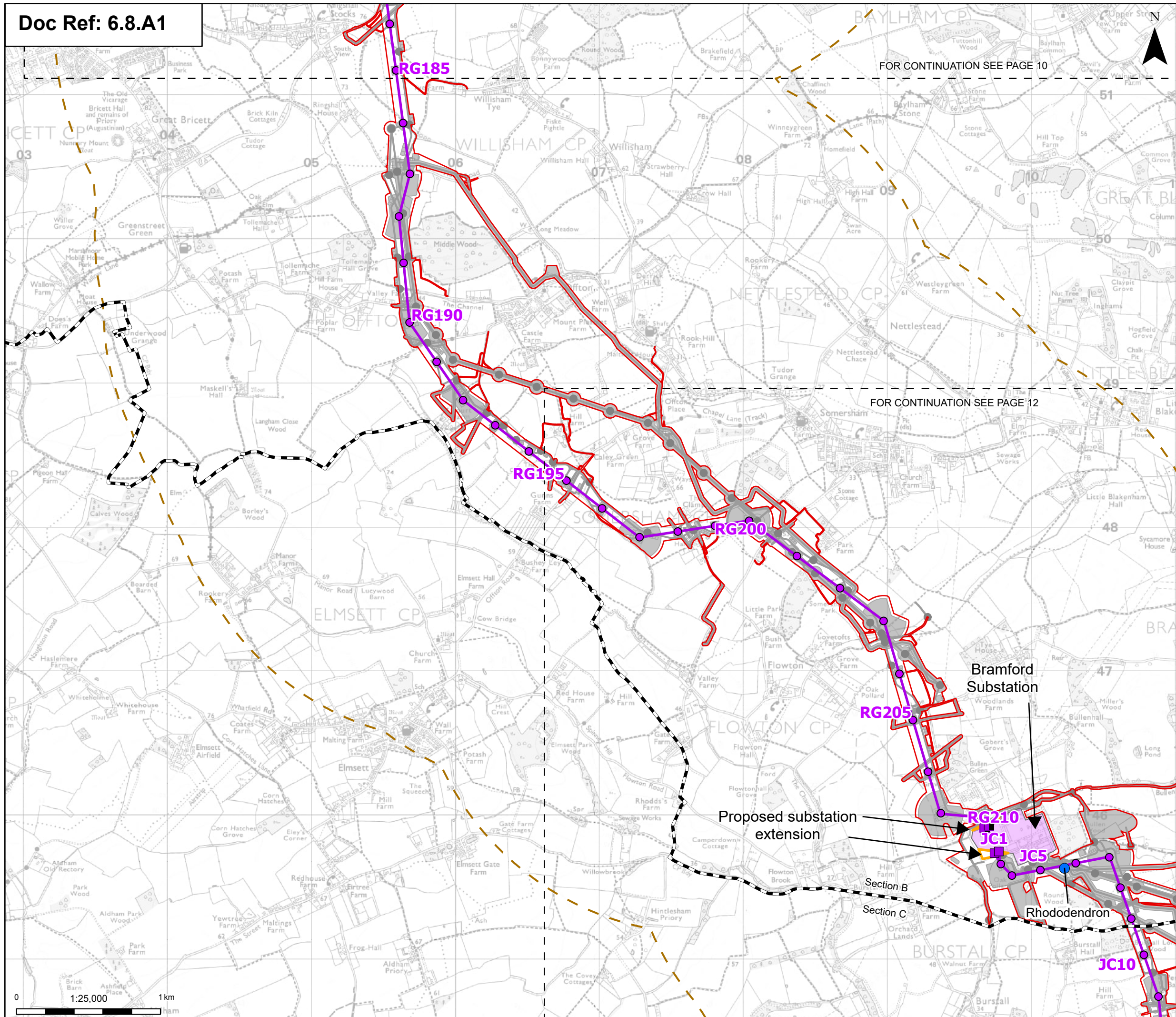
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- Order limits
 - Sheet index cutline
 - Project section line
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed low duty gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Bramford Substation
 - Bramford Substation Extension
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 2 km Study Area
 - Invasive species (field survey records)
- 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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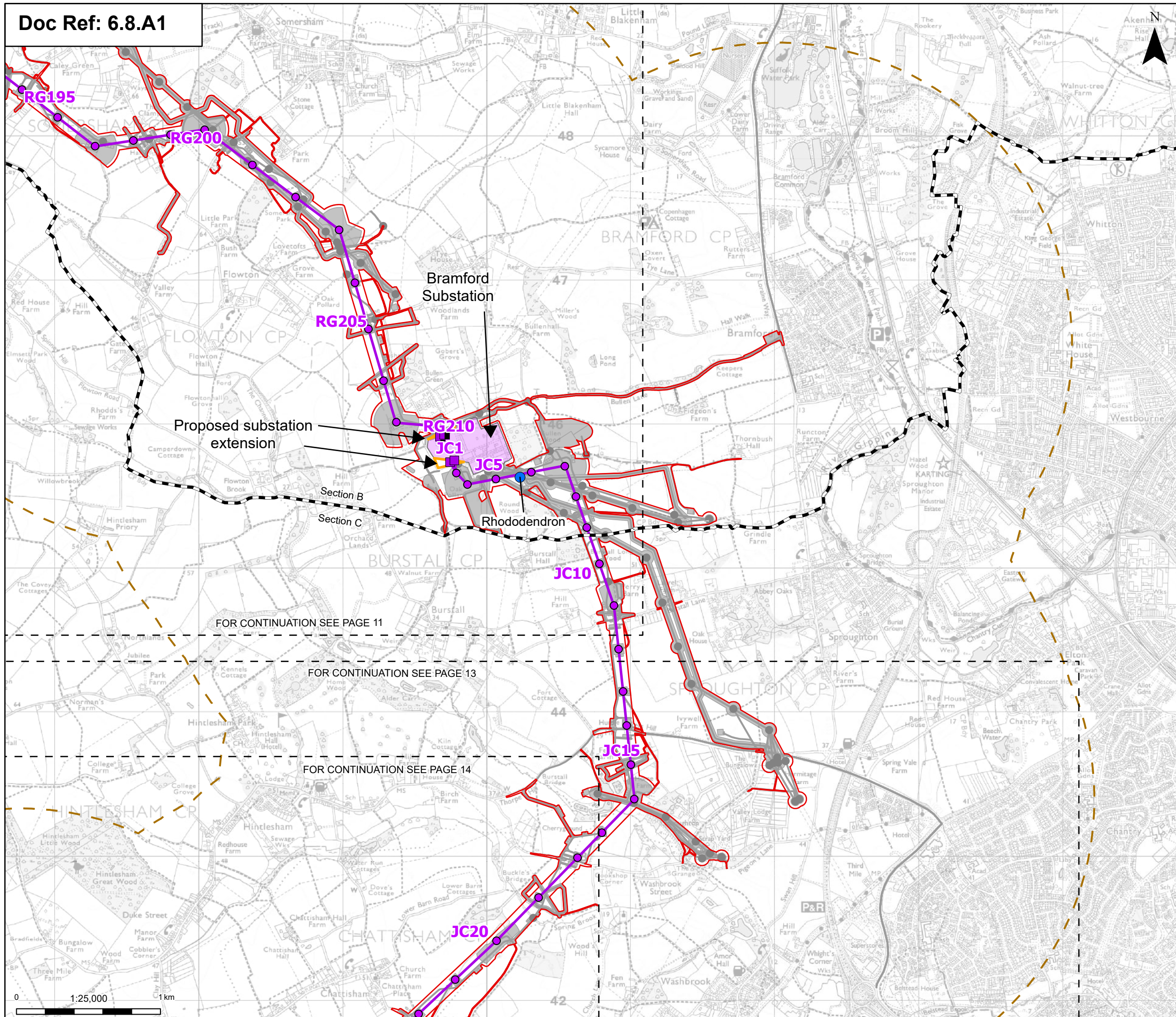
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- Project section line

Proposed project design details

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- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
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Discipline specific constraints

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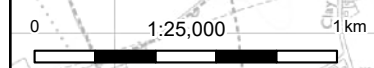
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

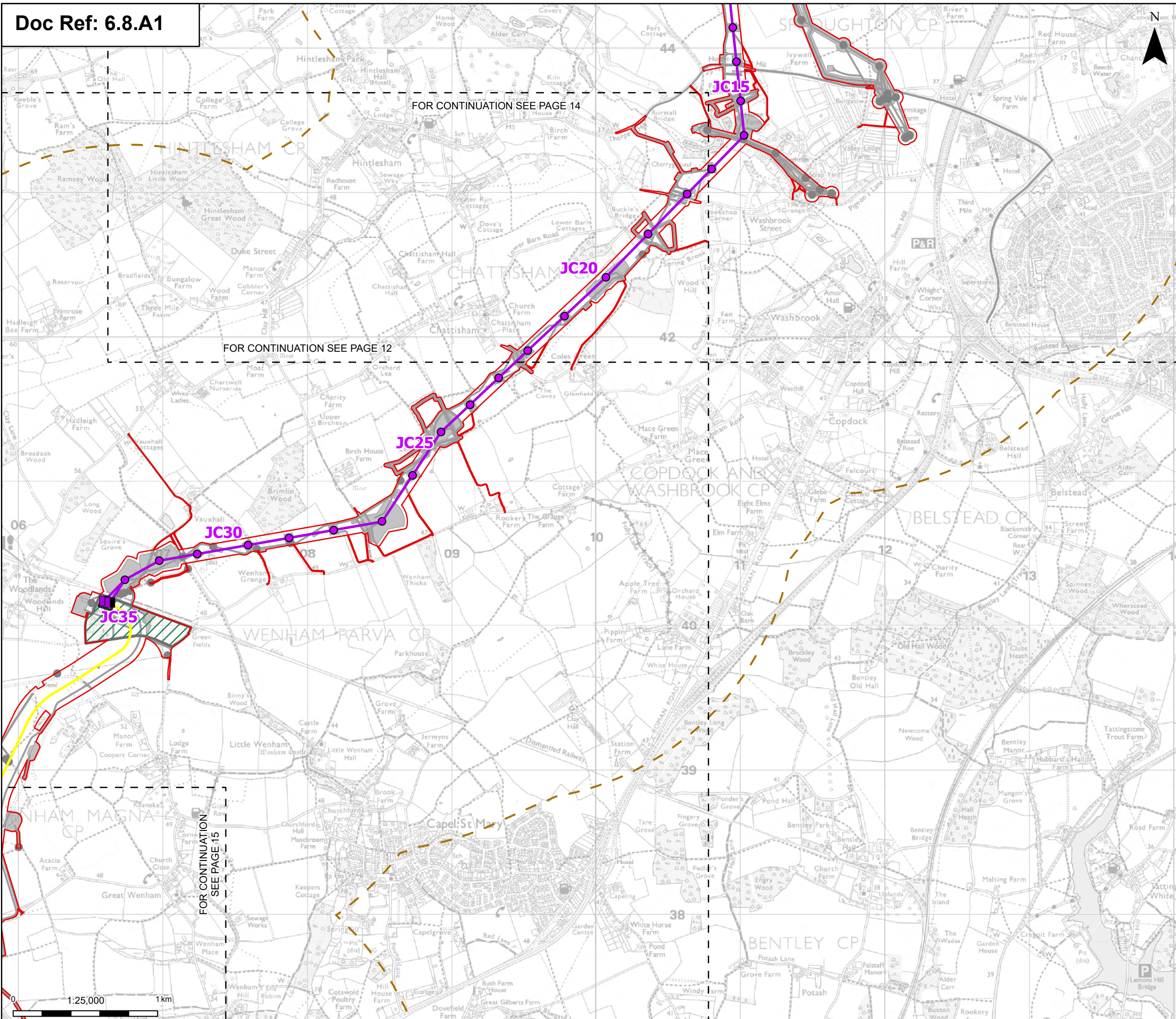
Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399
 Revision: C



FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 12

FOR CONTINUATION SEE PAGE 15



Order limits
 [Red outline symbol] Order limits

Sheet index outline
 [Dashed line symbol] Sheet index outline

Proposed project design details

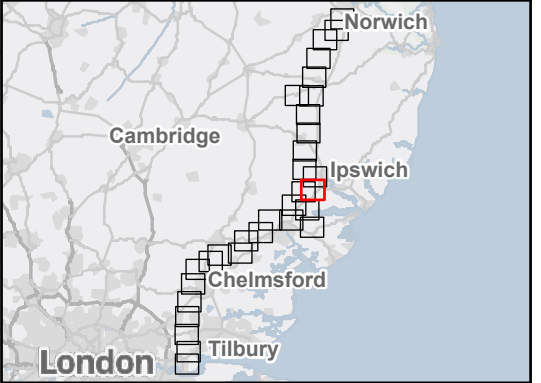
- [Purple line with square symbol] Proposed full line tension gantry
- [Purple circle symbol] Proposed standard lattice pylon location
- [Purple line symbol] Proposed overhead line alignment
- [Yellow line symbol] Proposed underground cable alignment
- [Blue box symbol] Proposed cable sealing end compound (CSEC)
- [Green hatched box symbol] Environmental area
- [Grey box symbol] Other temporary and permanent construction and operational works

Discipline specific constraints

- [Dashed orange line symbol] 2 km Study Area

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)

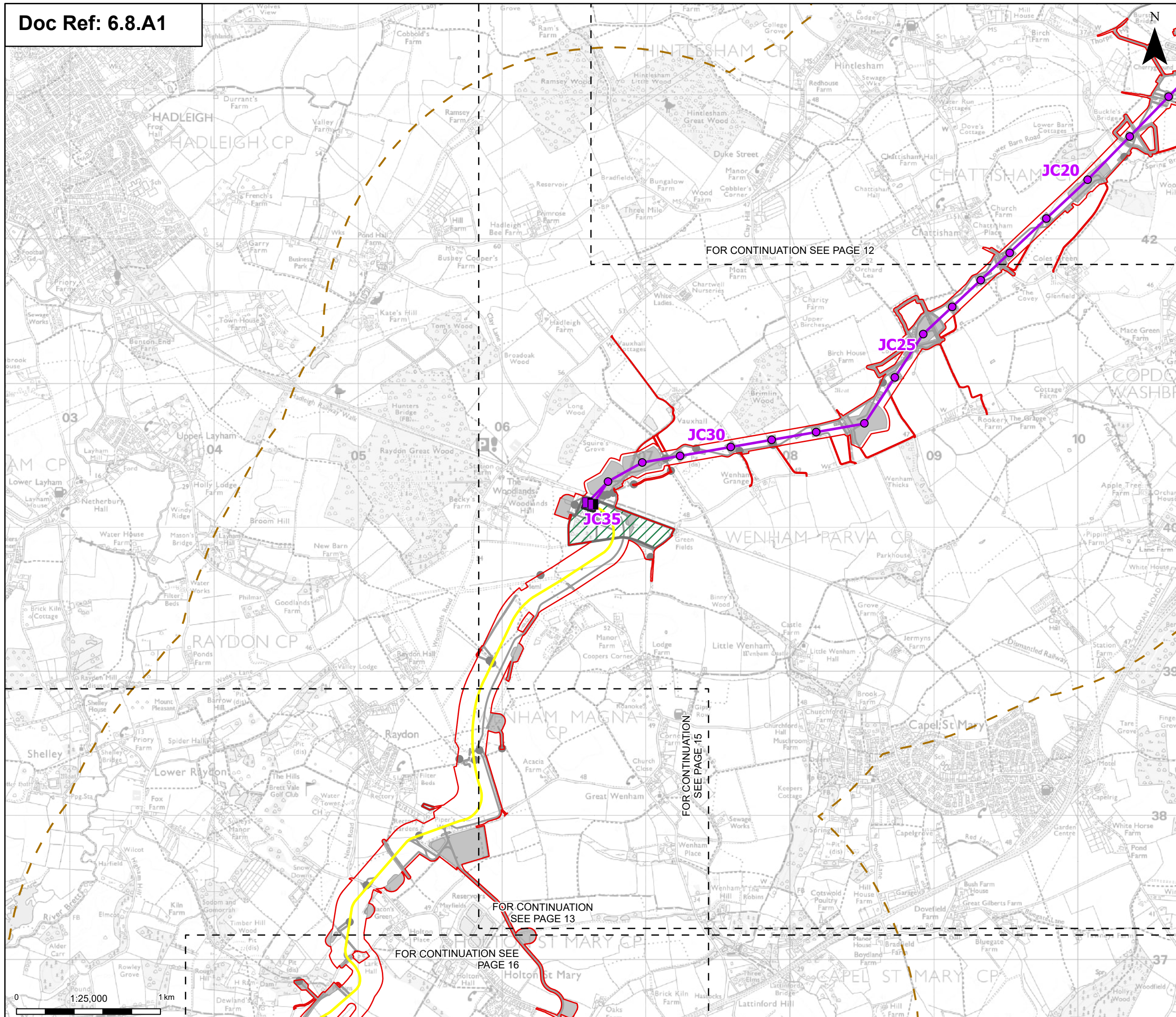
Title:
 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
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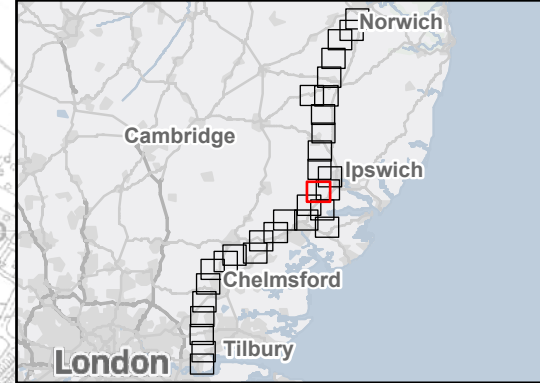
Revision:
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- Order limits
- Sheet index cutline
- Proposed project design details**
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 2 km Study Area

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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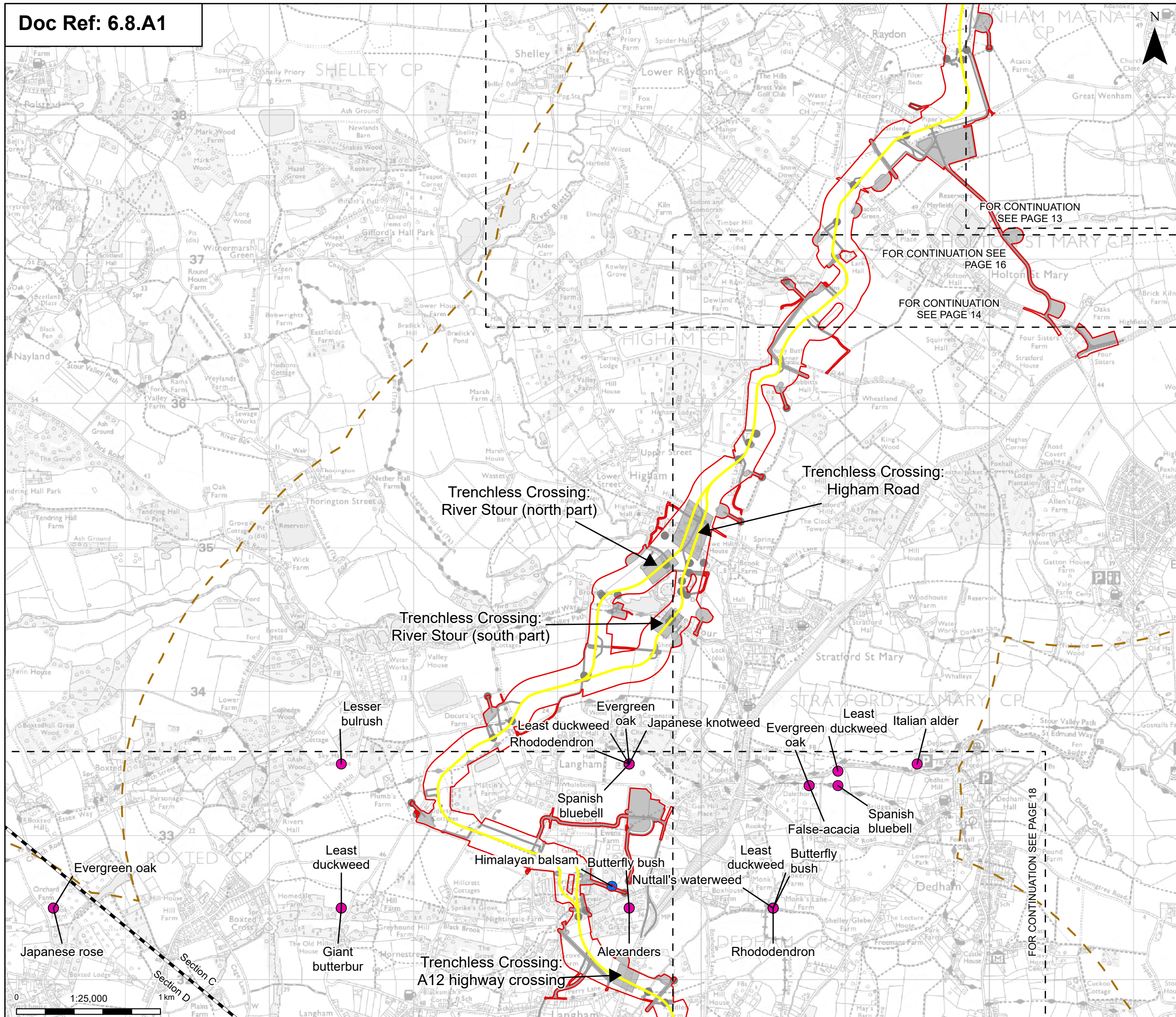
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PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
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Title:
 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
 Page 14 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399
 Revision: C



- Order limits
- Sheet index cutline
- Project section line
- Proposed project design details**
- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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)

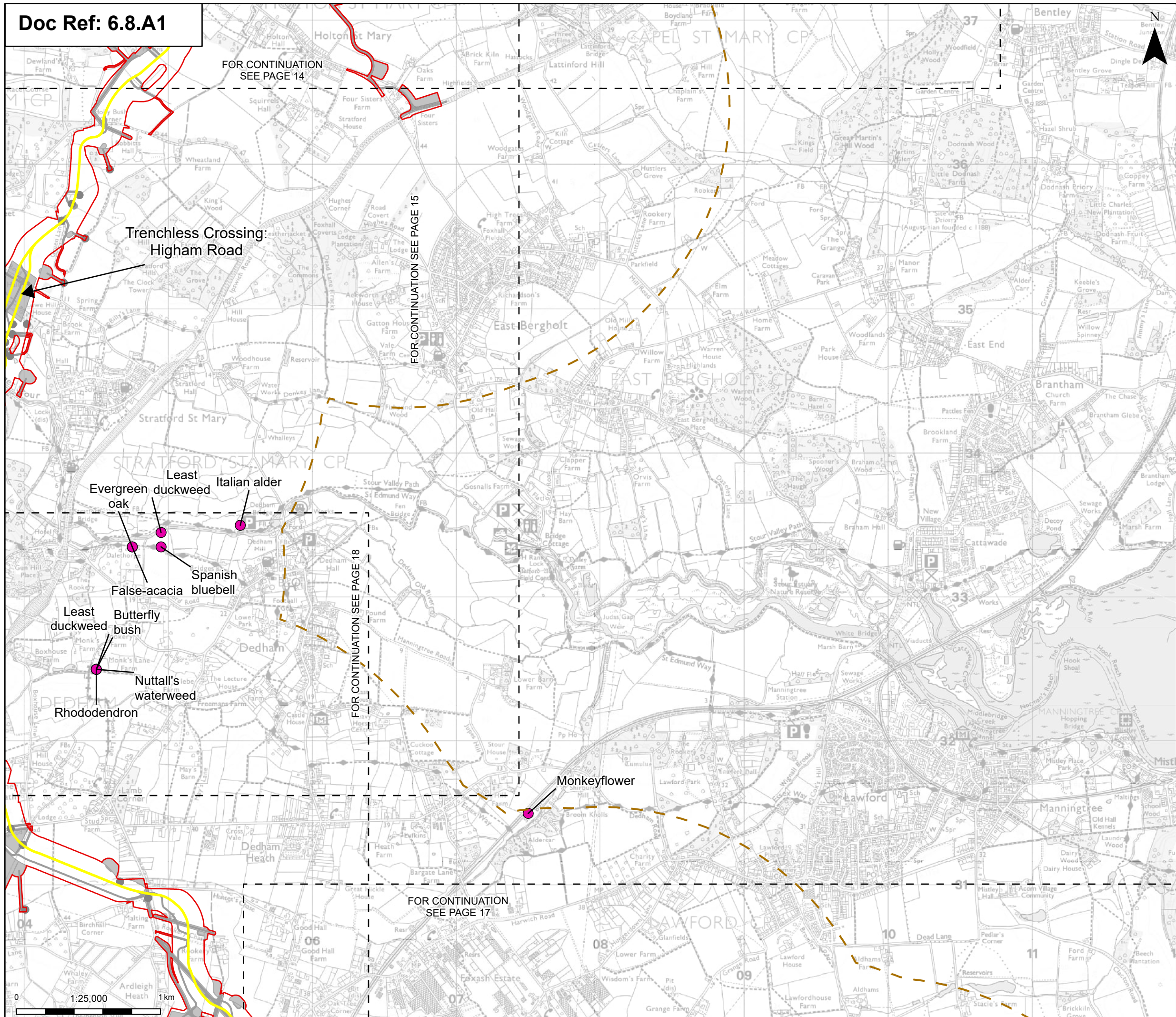
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
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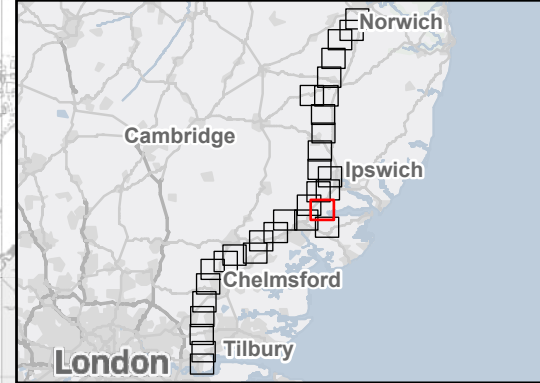
Revision:
C



- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed underground cable alignment
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 2 km Study Area
- Invasive species (desk study records)

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)

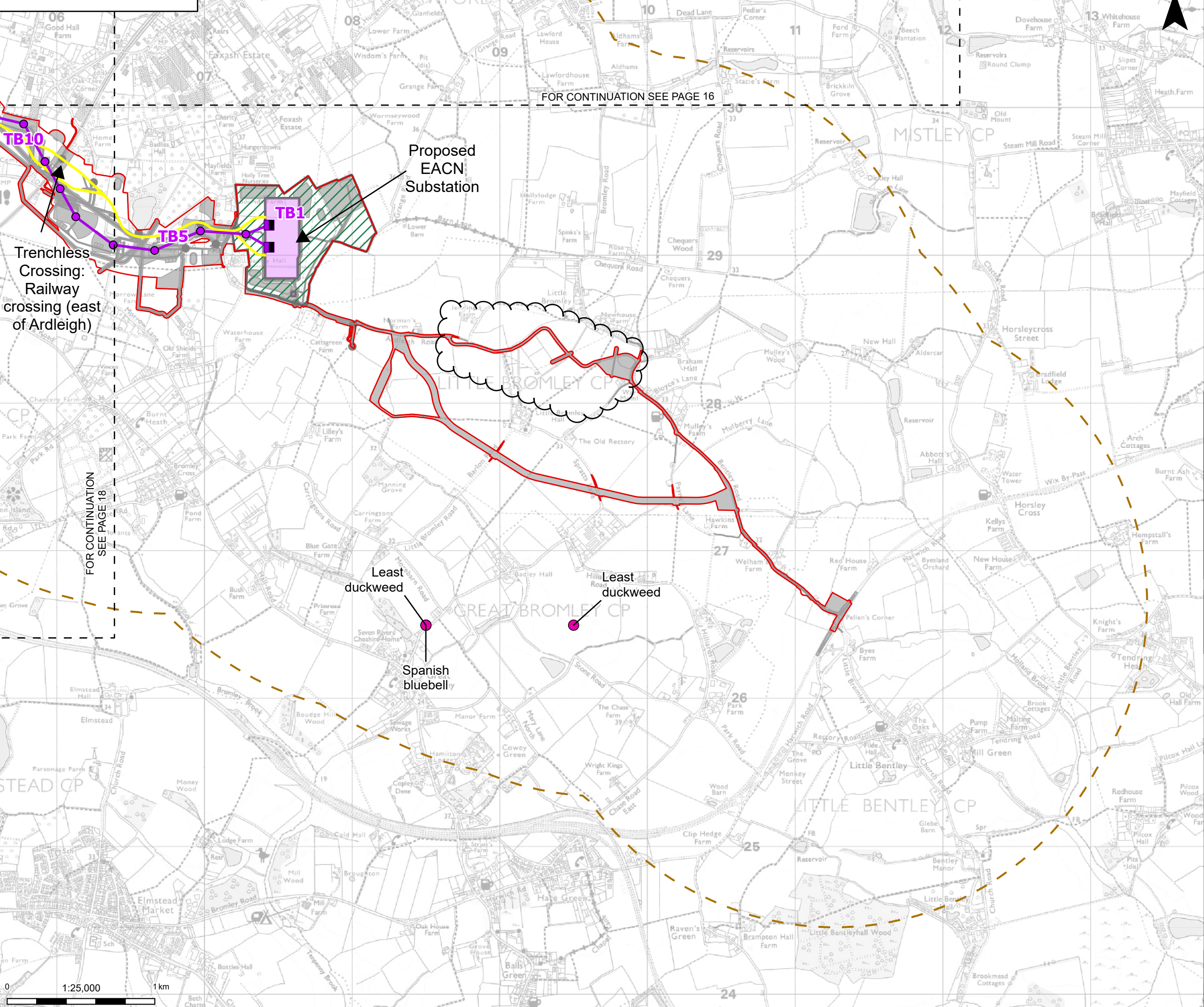
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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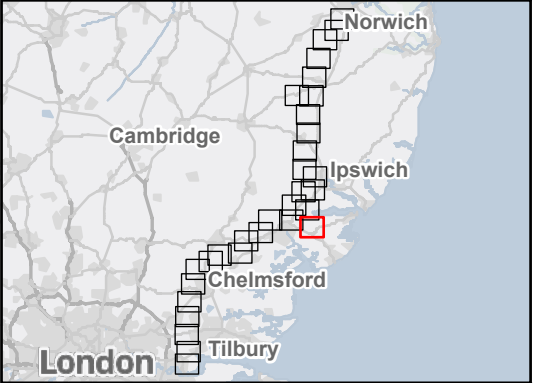
Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00399

Revision:
C



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed DNO Substation
 - Proposed East Anglia Connection Node (EACN) Substation
 - Environmental area
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 2 km Study Area
 - Invasive species (desk study records)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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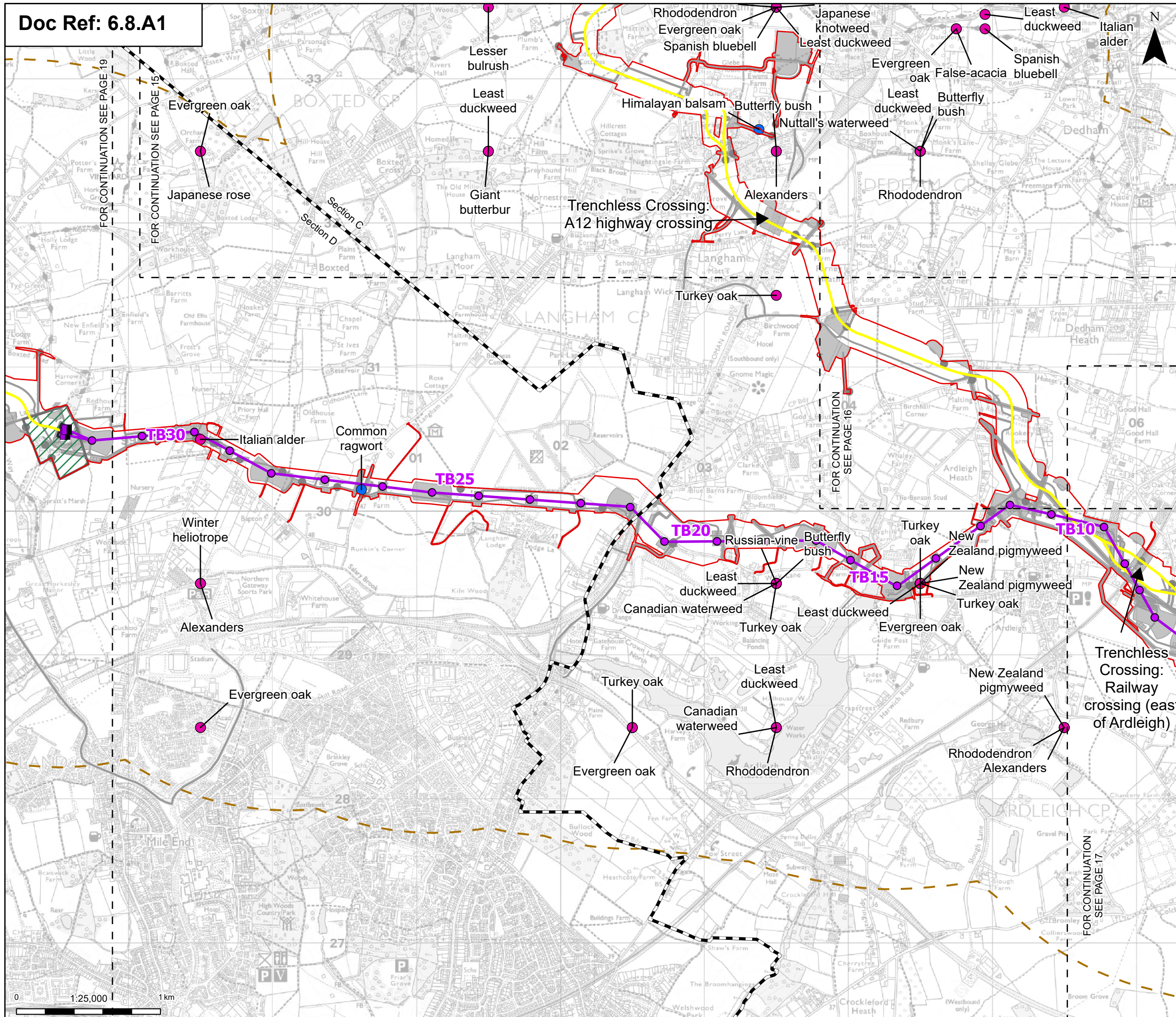
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 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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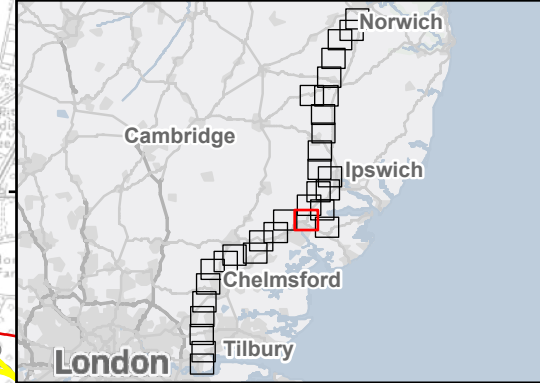
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00399	Revision:	C
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- Order limits
 - Sheet index cutline
 - Project section line
 - 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**
 - 2 km Study Area
 - Invasive species (field survey records)
 - Invasive species (desk study records)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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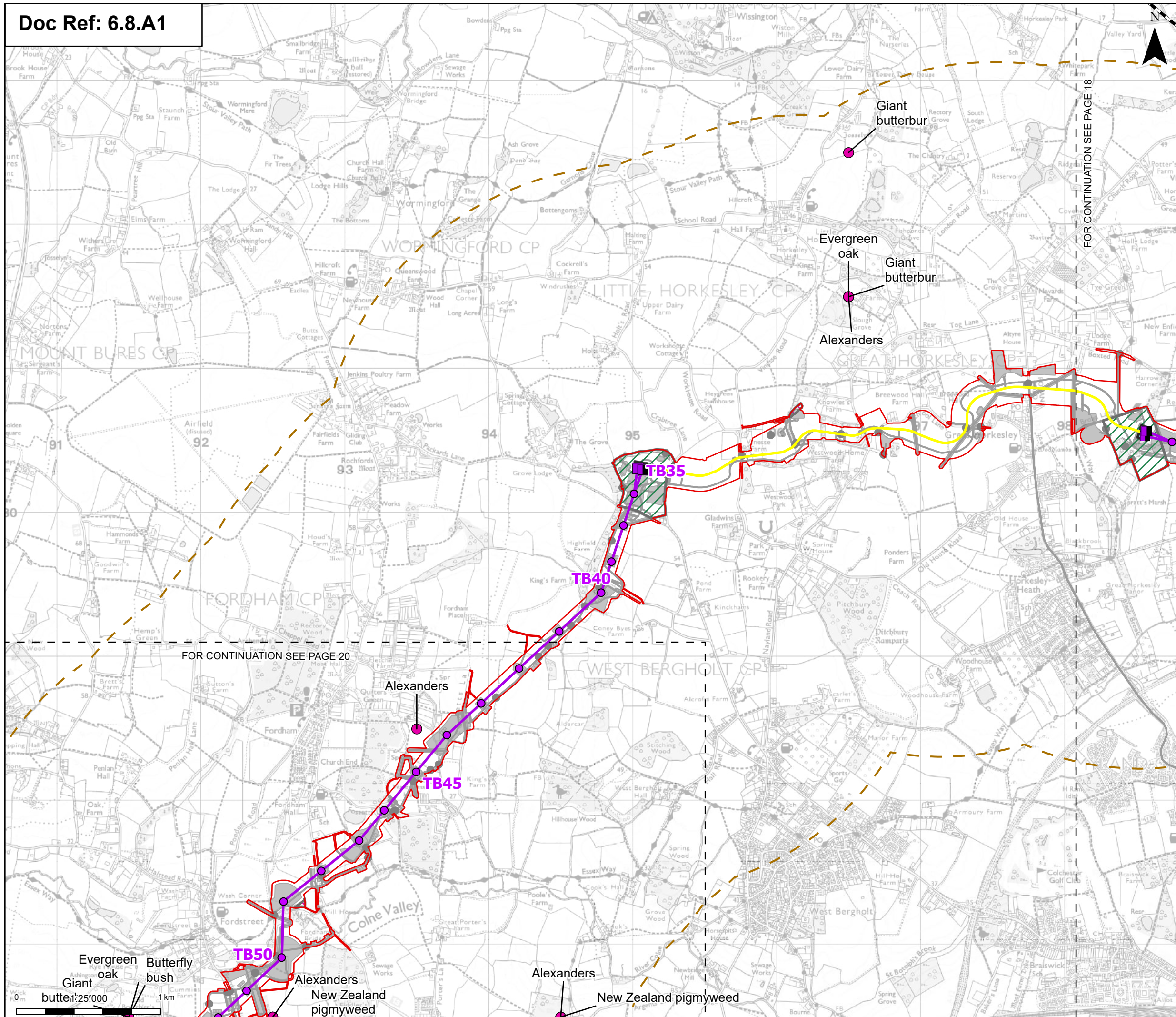
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00399

Revision:
C





- Order limits
 - Sheet index cutline
 - Project section line
- 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**
- 2 km Study Area
 - Invasive species (desk study records)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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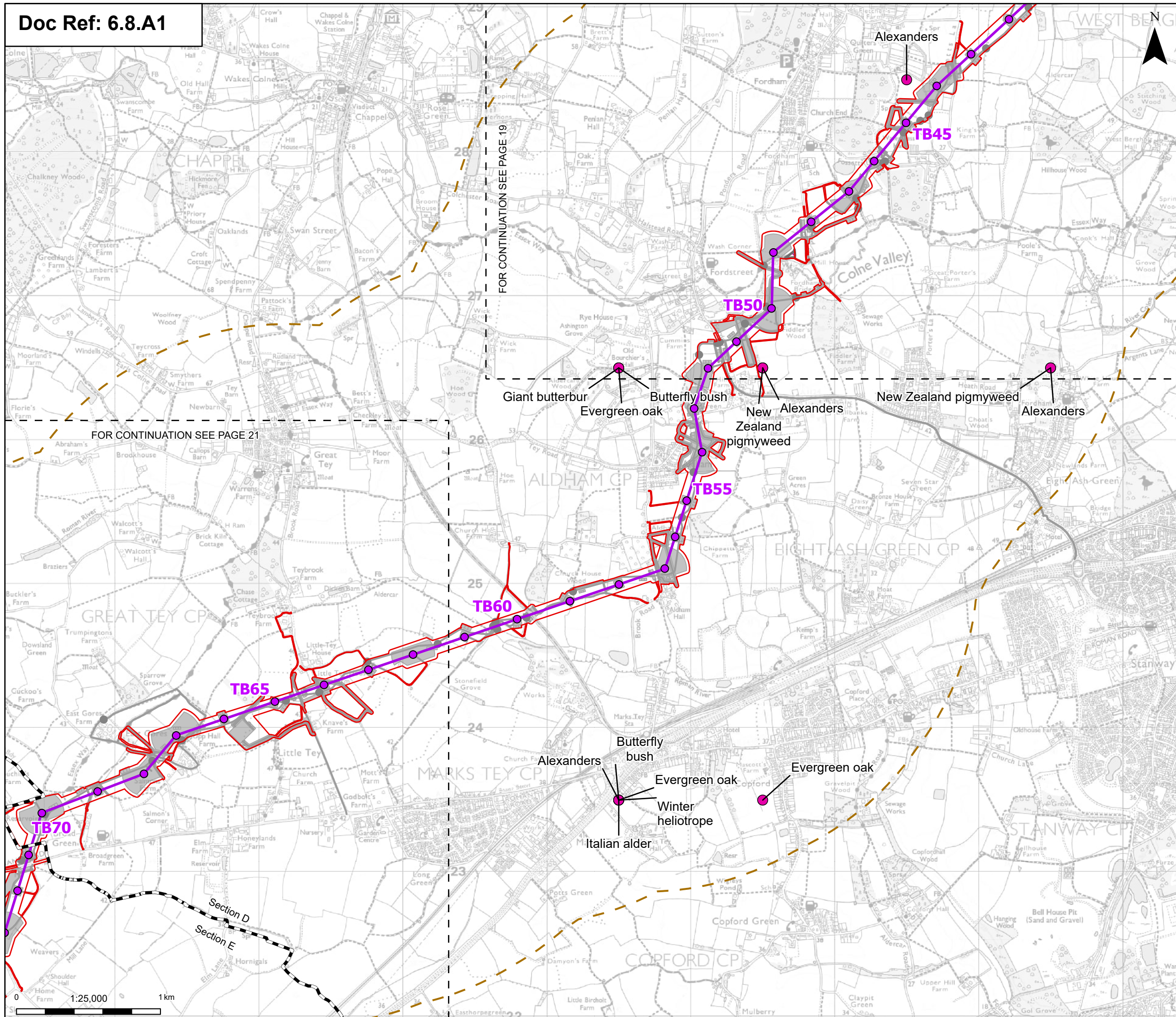
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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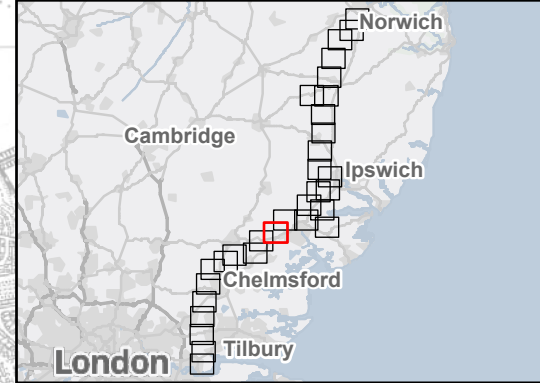
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00399	Revision:	C
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- Order limits
 - Sheet index cutline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 2 km Study Area
 - Invasive species (desk study records)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Planning Inspectorate App Number: EN020027
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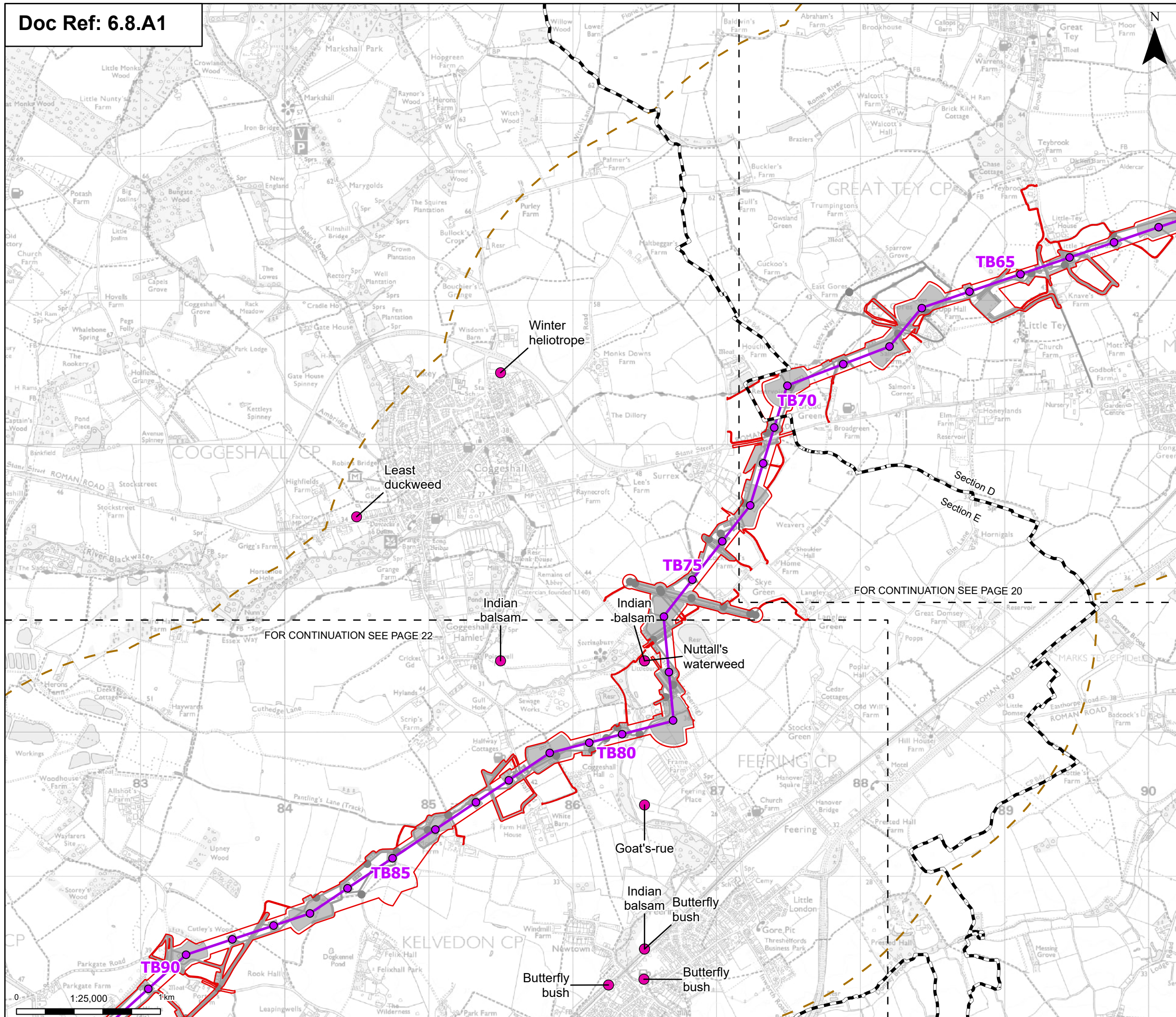
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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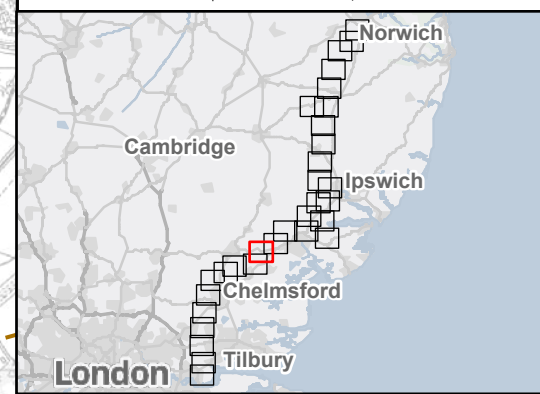
Revision:
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- Order limits
- Sheet index outline
- Project section line
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 2 km Study Area
- Invasive species (desk study records)

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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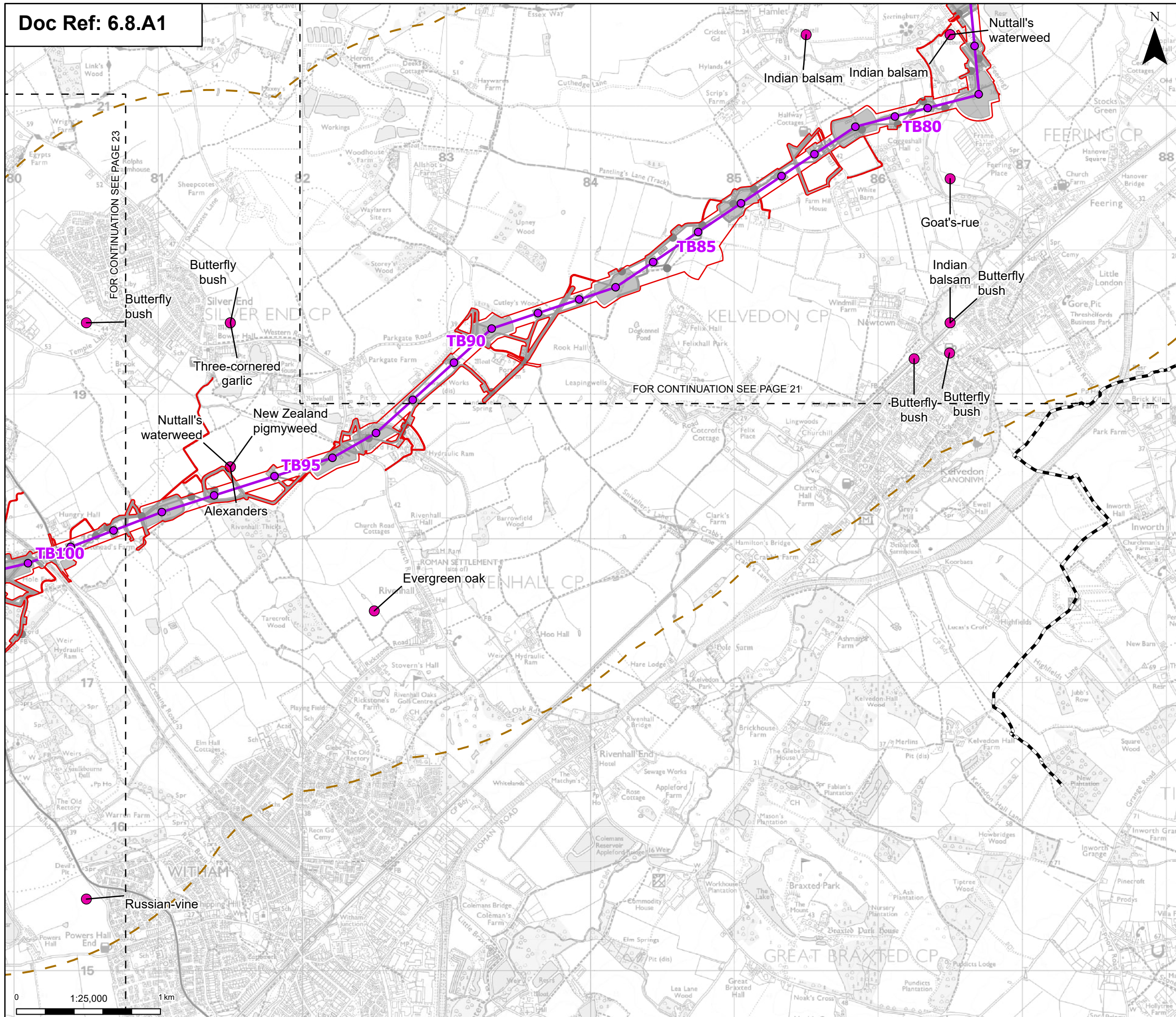
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Revision:
C



- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
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 - 2 km Study Area
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- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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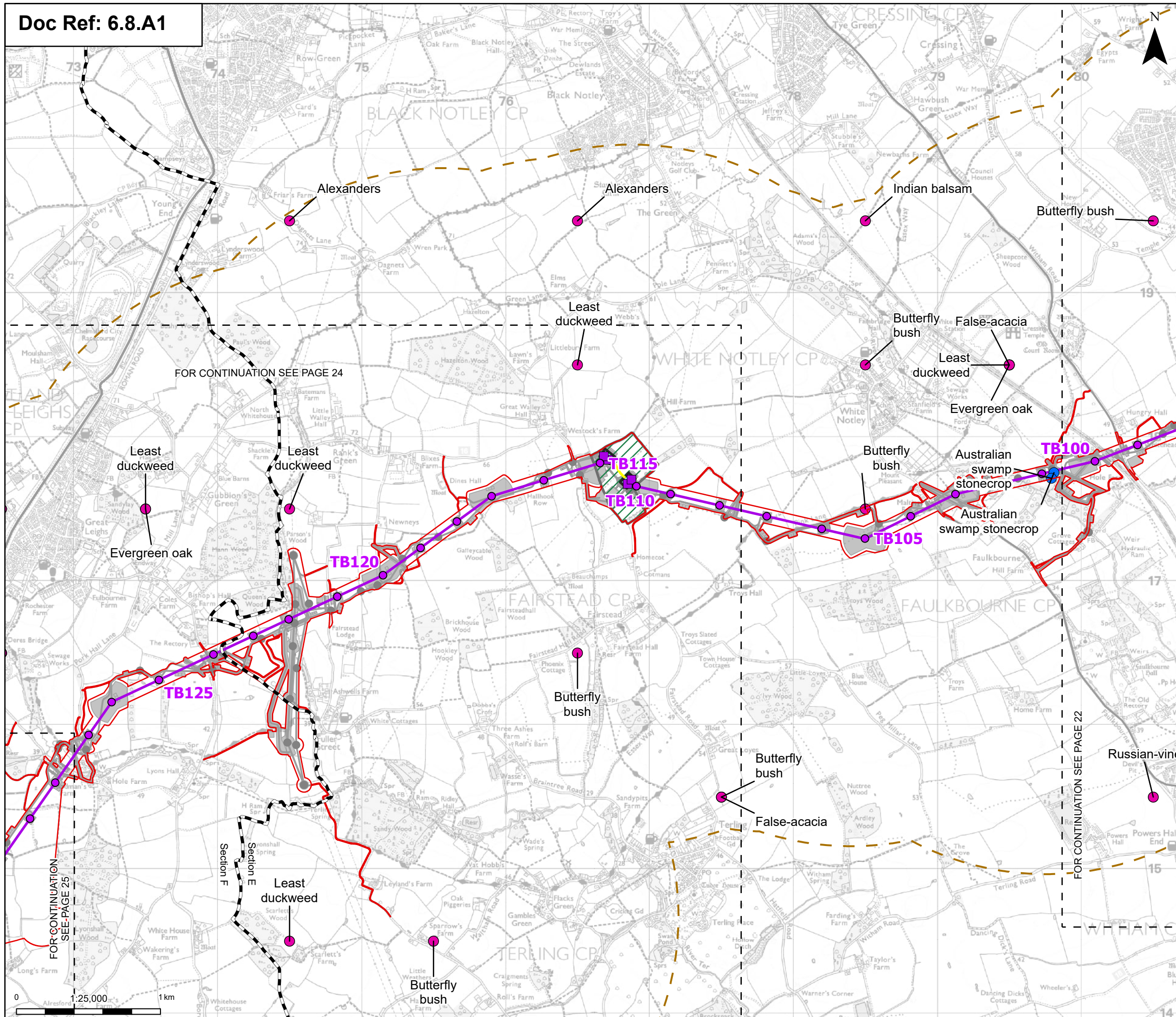
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 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00399	Revision:	C
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Order limits
 Sheet index cutline
 Project section line

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

Discipline specific constraints
 2 km Study Area
 Invasive species (field survey records)
 Invasive species (desk study records)

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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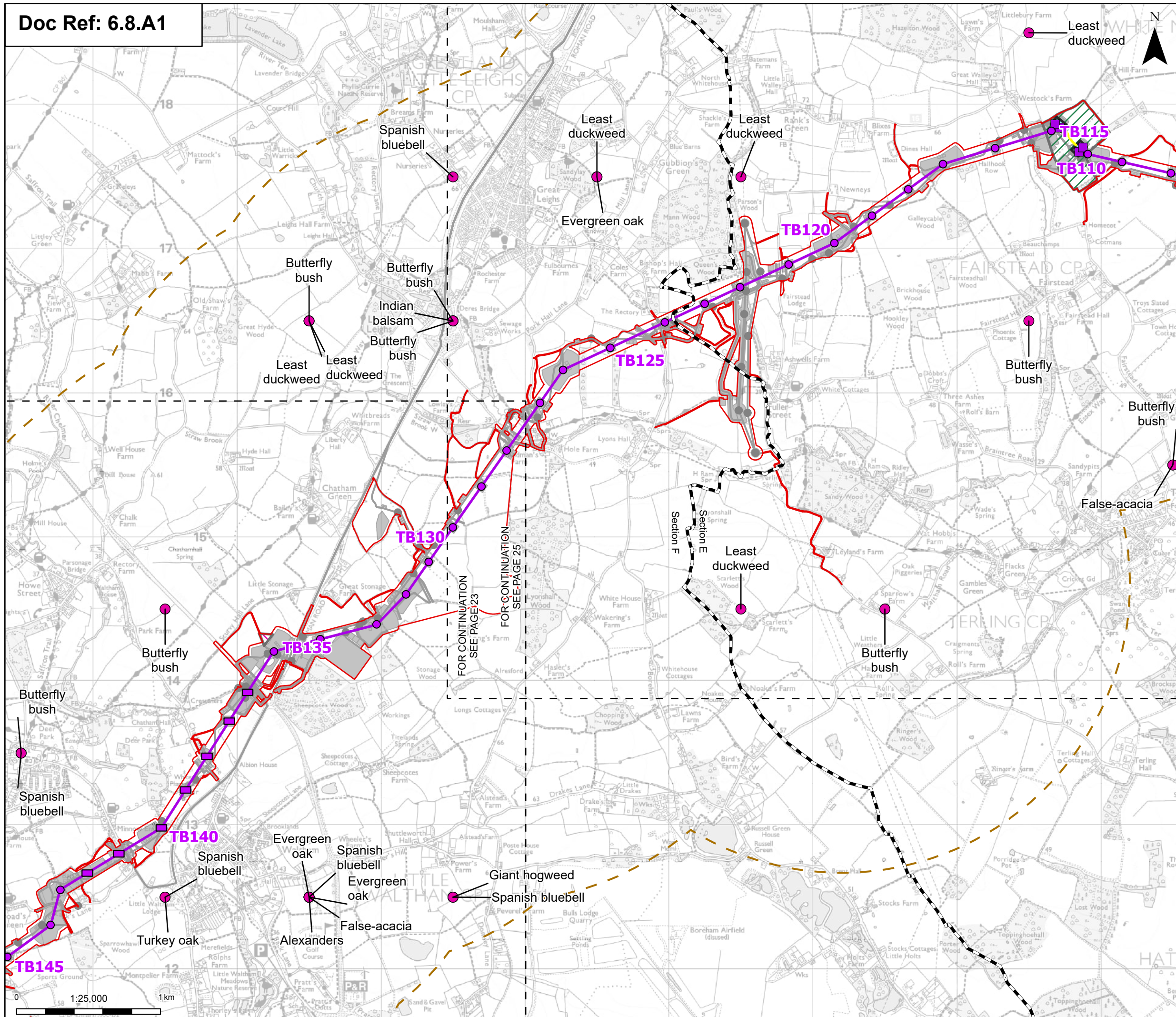
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Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399
 Revision: C



Order limits
 Sheet index outline
 Project section line

Proposed project design details
 Proposed low duty gantry
 Proposed low height pylon location
 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
 2 km Study Area
 Invasive species (desk study records)

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

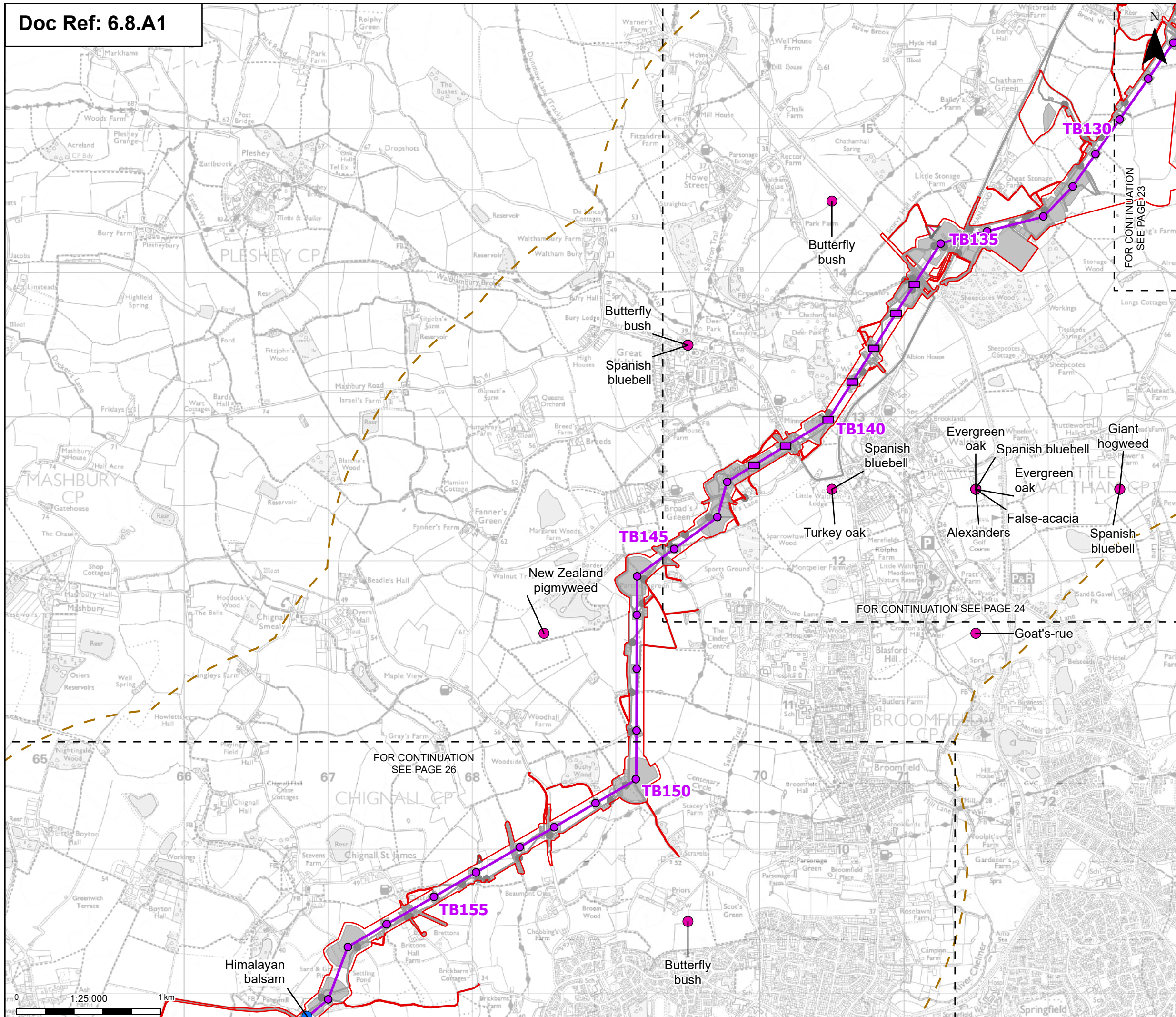
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 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399
 Revision: C



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

- Discipline specific constraints**
 - 2 km Study Area
 - Invasive species (field survey records)
 - Invasive species (desk study records)
- 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)

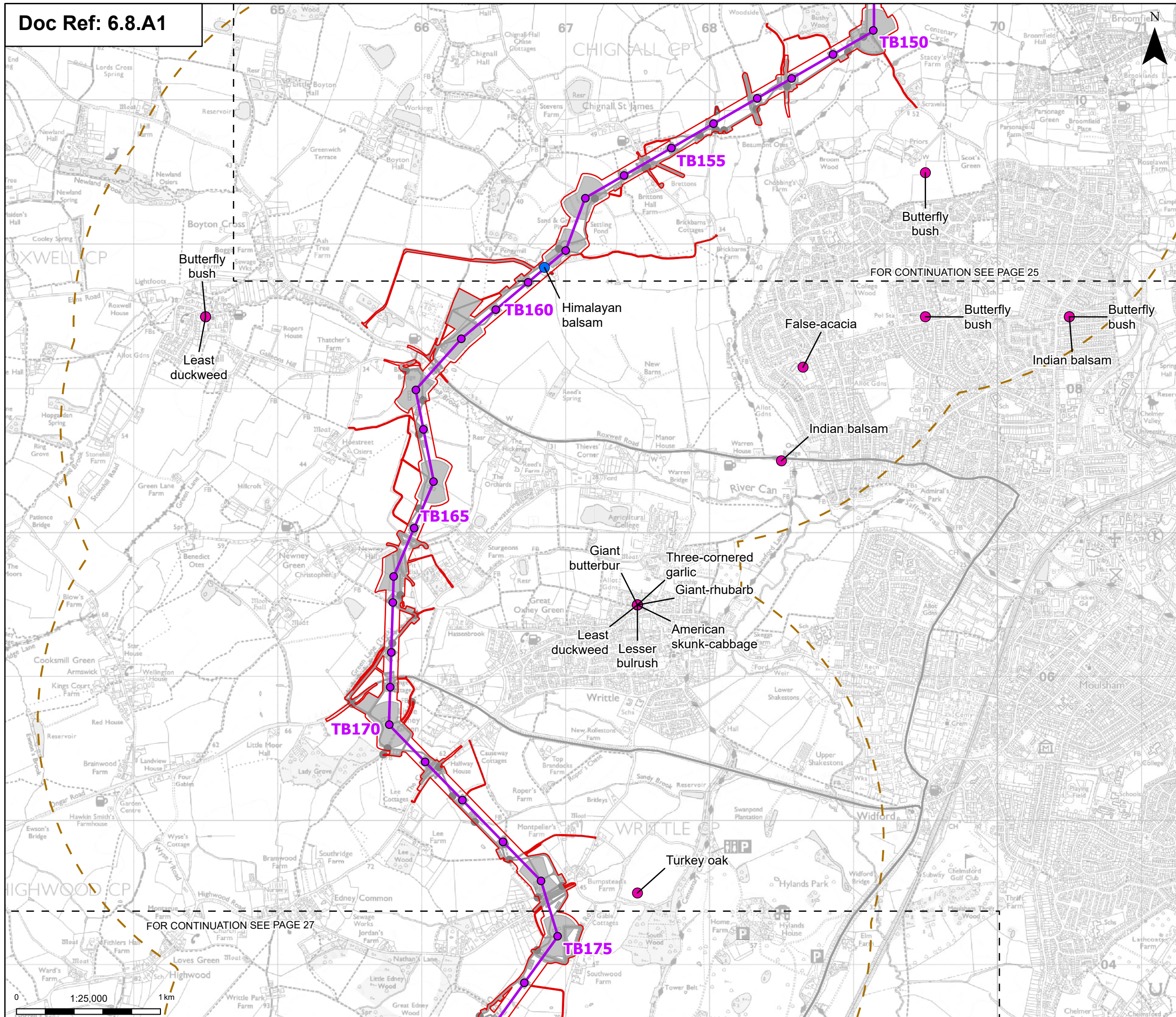
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 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	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-00399

Revision:
C



- 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**
- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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

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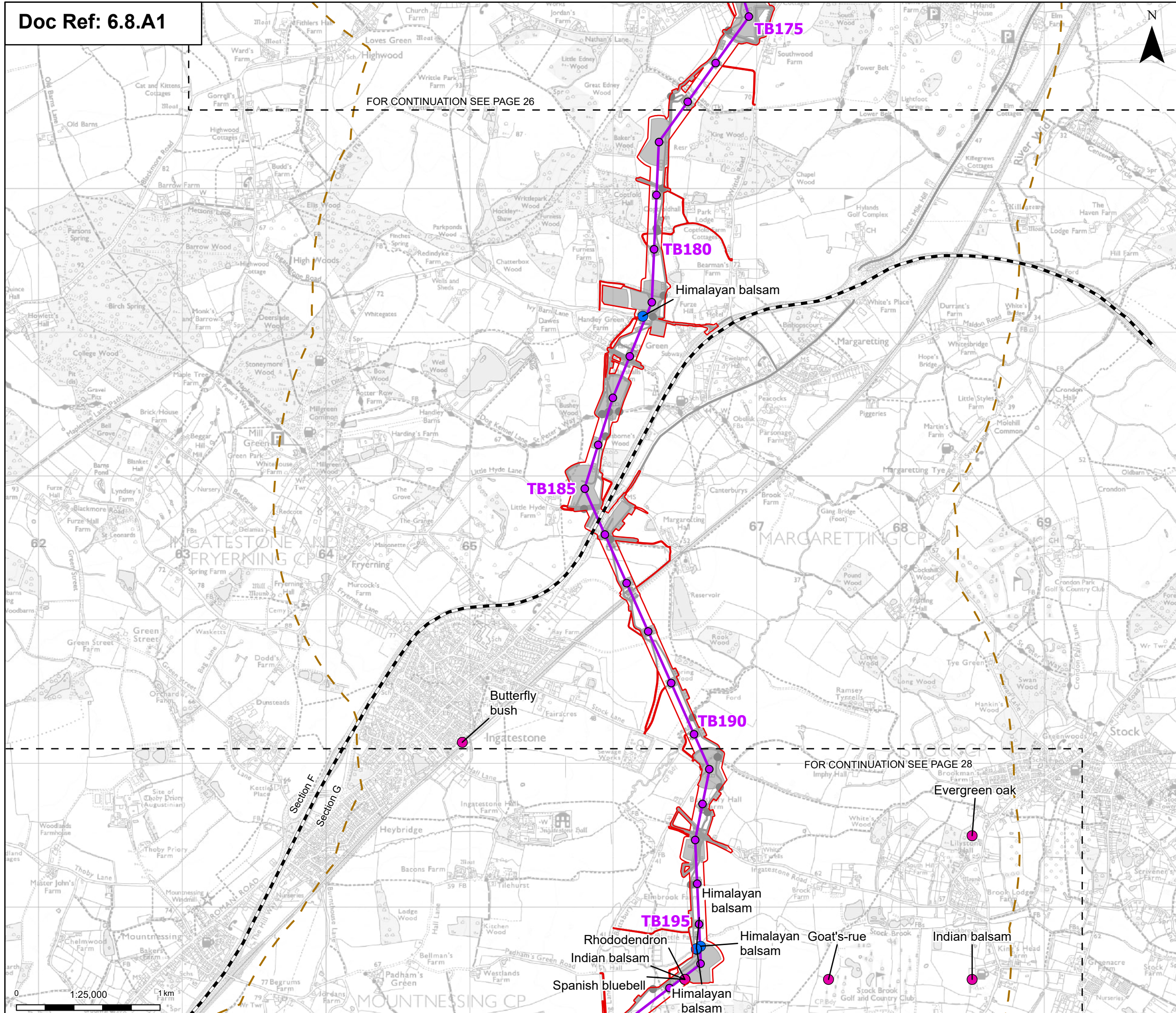
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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FOR CONTINUATION SEE PAGE 26

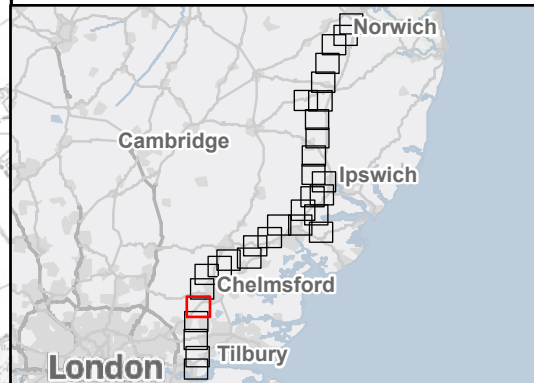
FOR CONTINUATION SEE PAGE 28

- 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**
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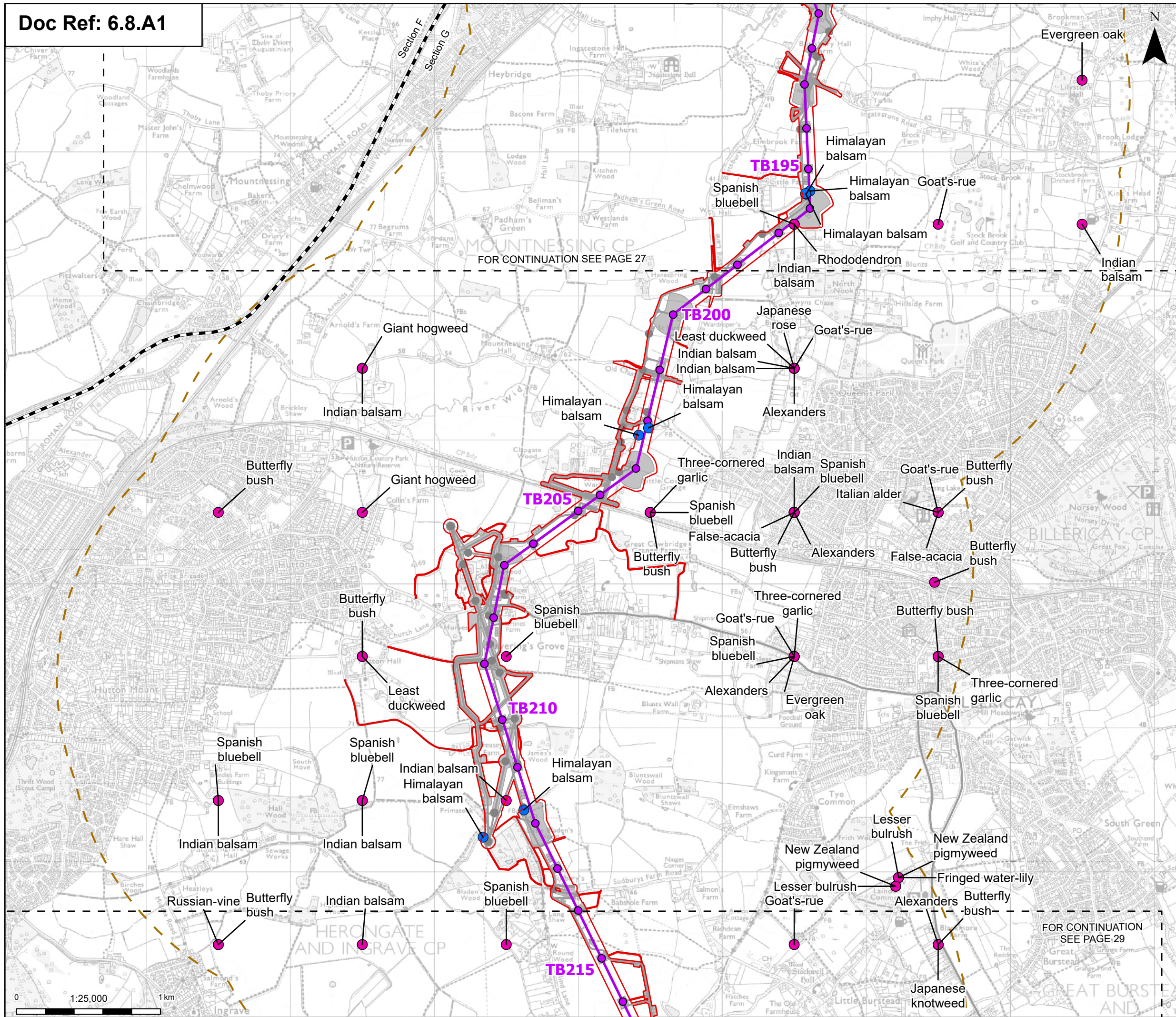
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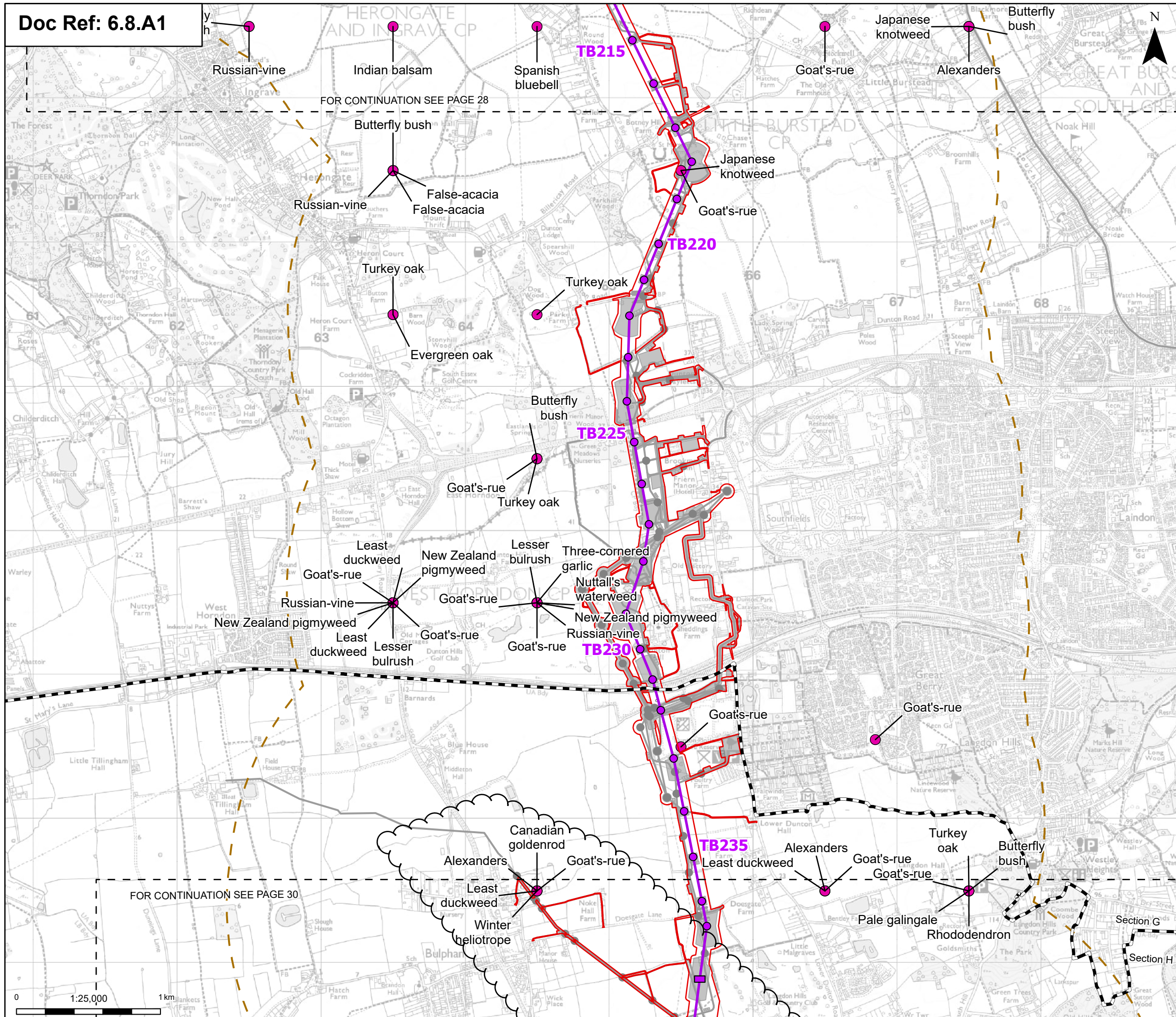
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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- Order limits
 - Sheet index outline
 - Project section line
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- Proposed low 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**
- 2 km Study Area
 - Invasive species (desk study records)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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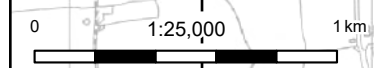
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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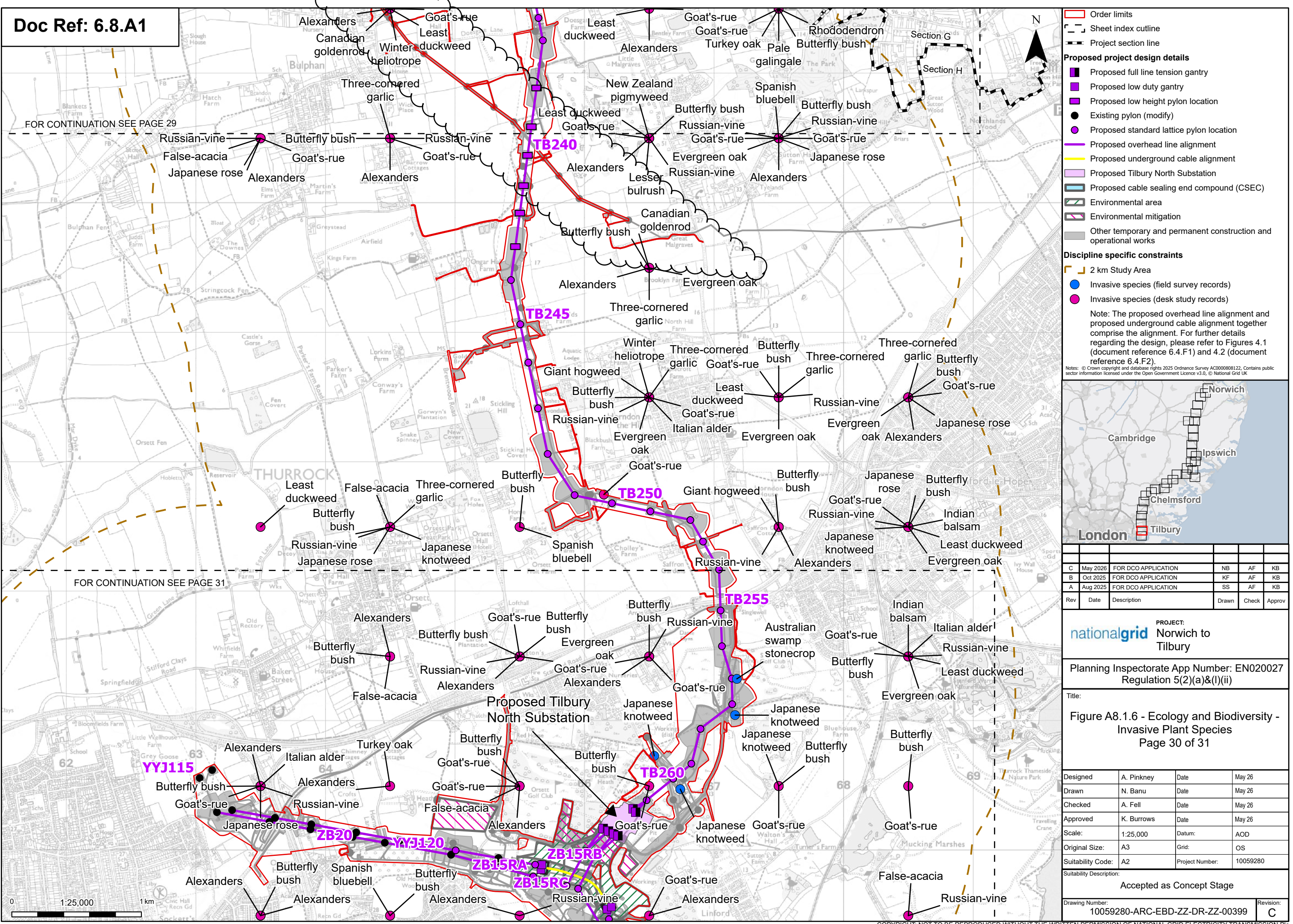
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Order limits

- Order limits
- Sheet index outline
- Project section line

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed low height pylon location
- 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
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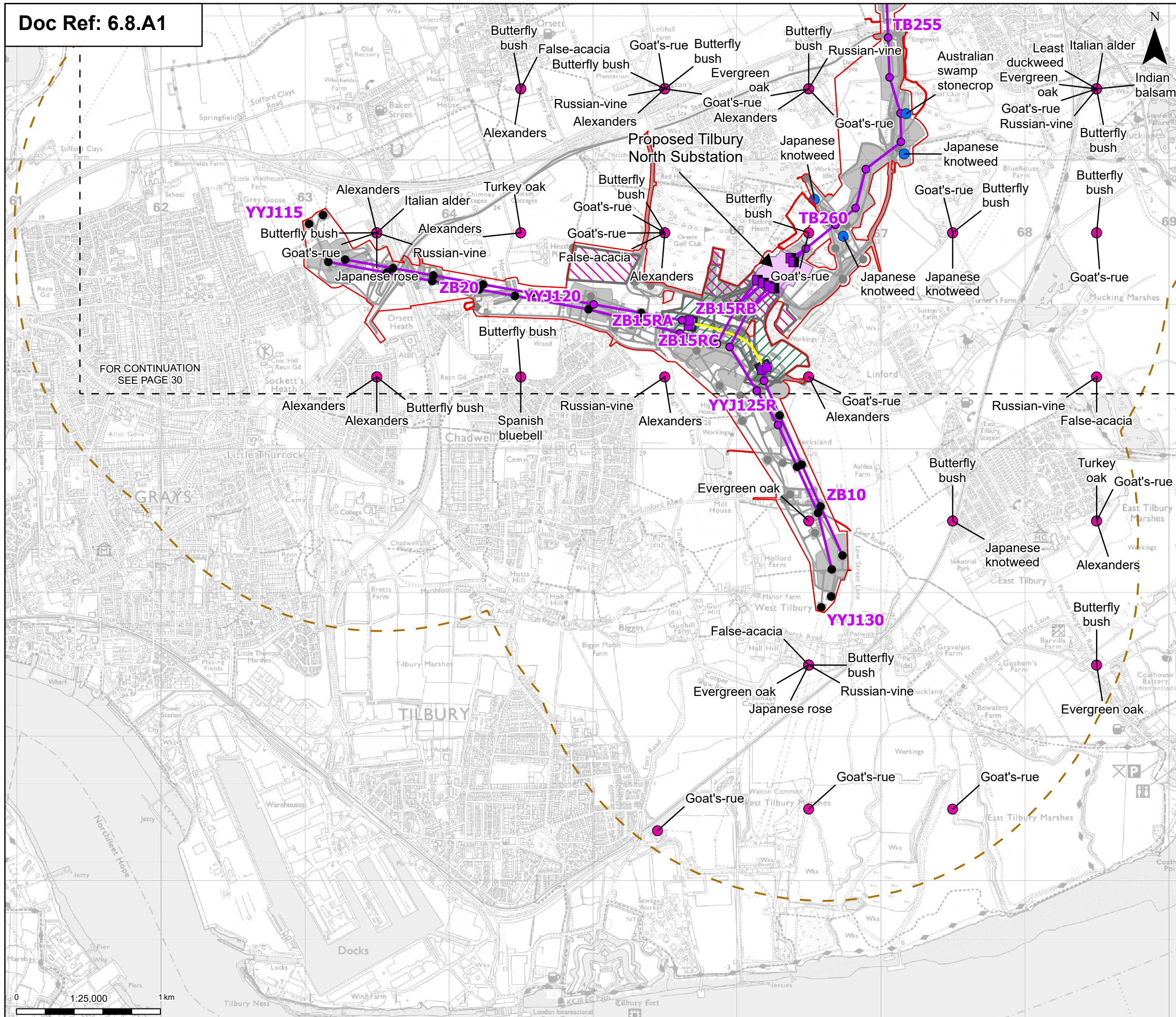
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