

AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Figure A8.1.6: Invasive Plant Species

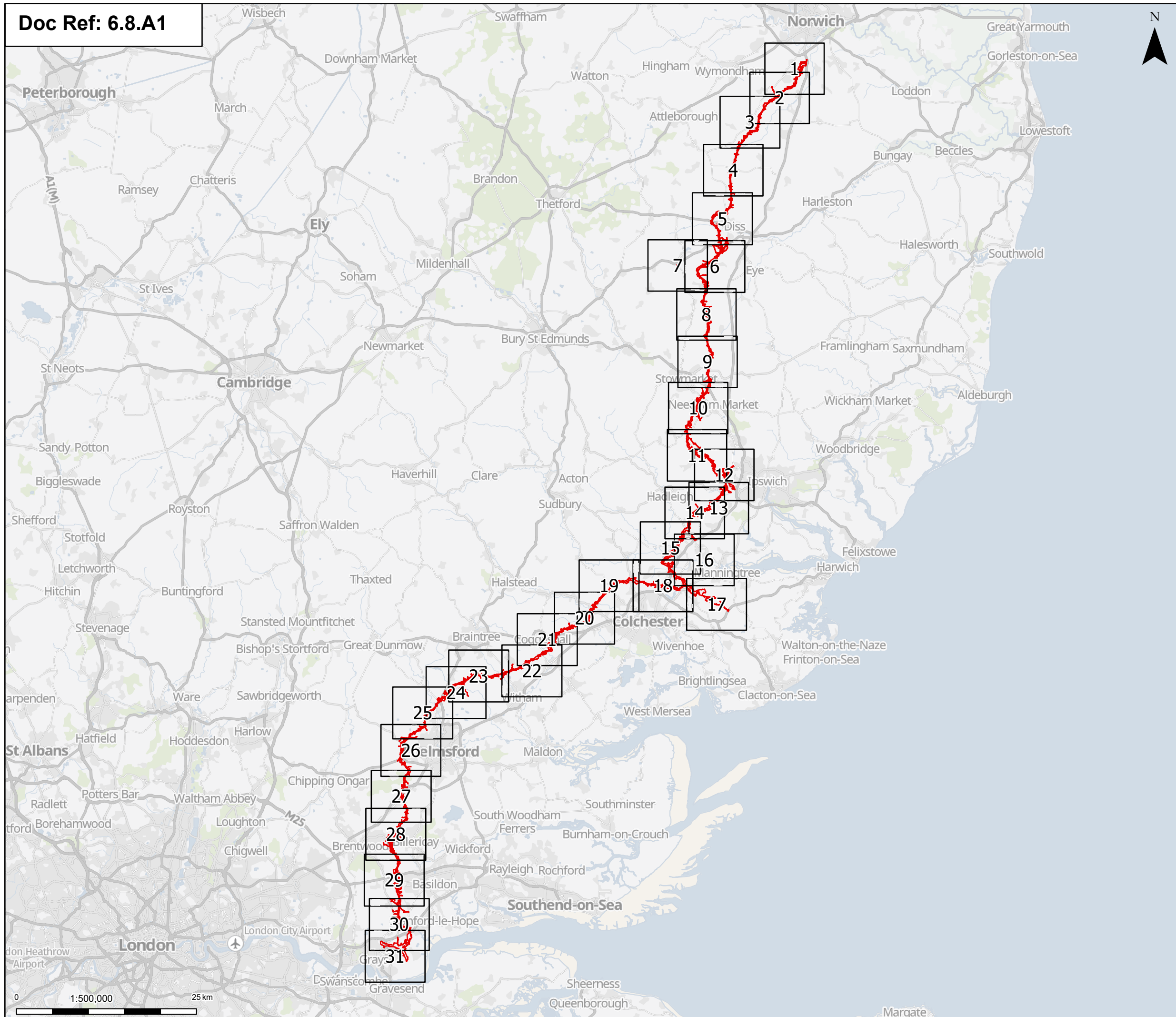
Final Issue C

May 2026

Planning Inspectorate Reference: EN020027

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

nationalgrid



Order limits
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

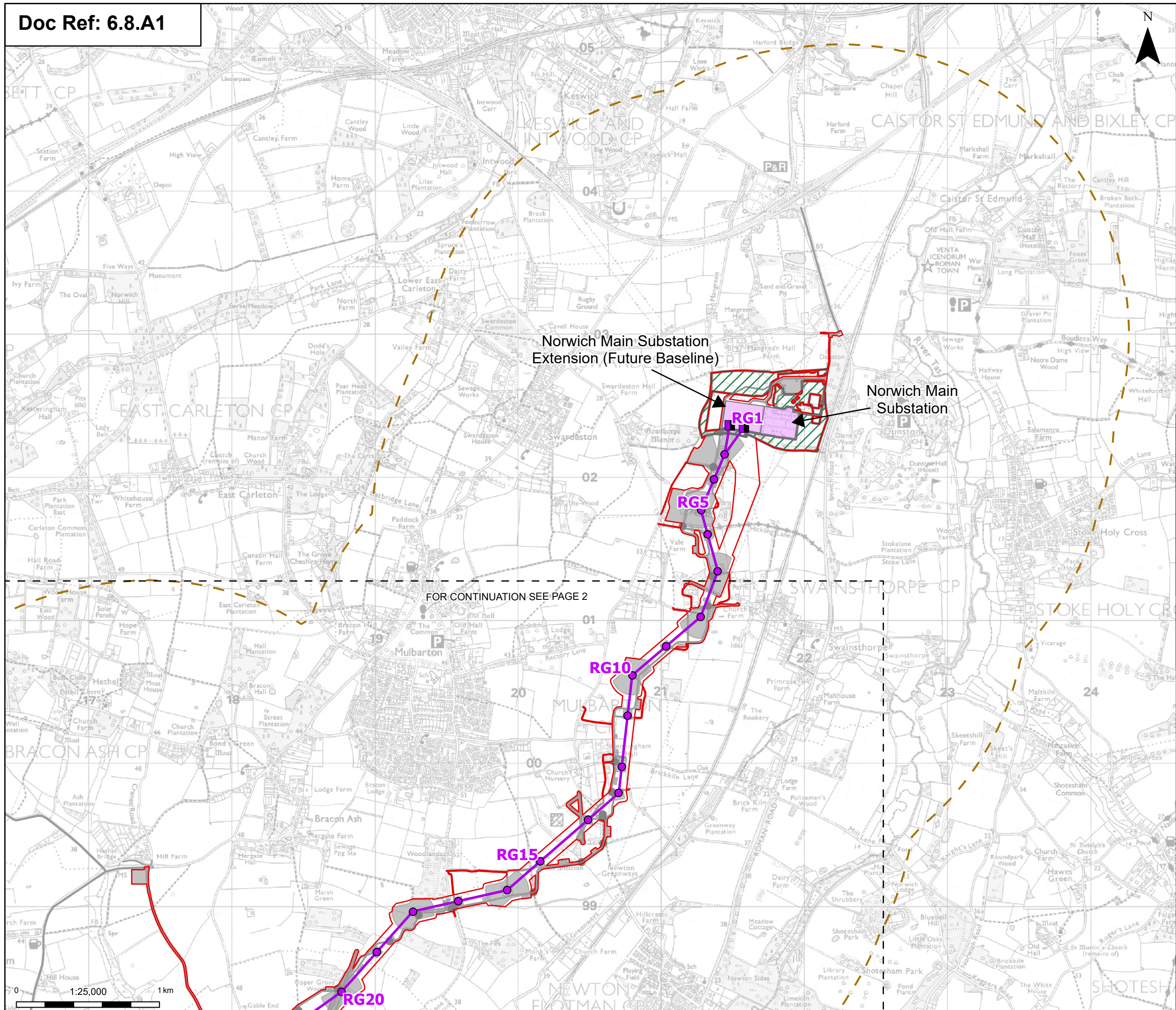
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(1)(ii)

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

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

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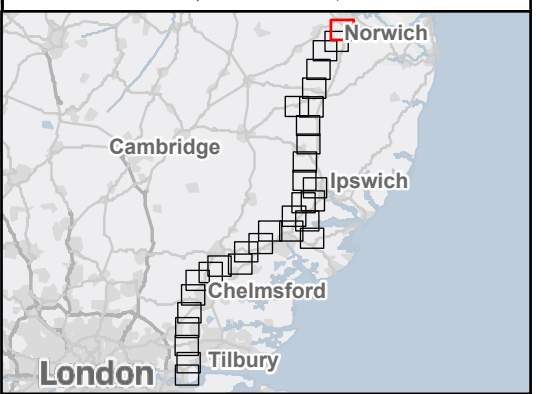
Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00399 Revision:
C



- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - 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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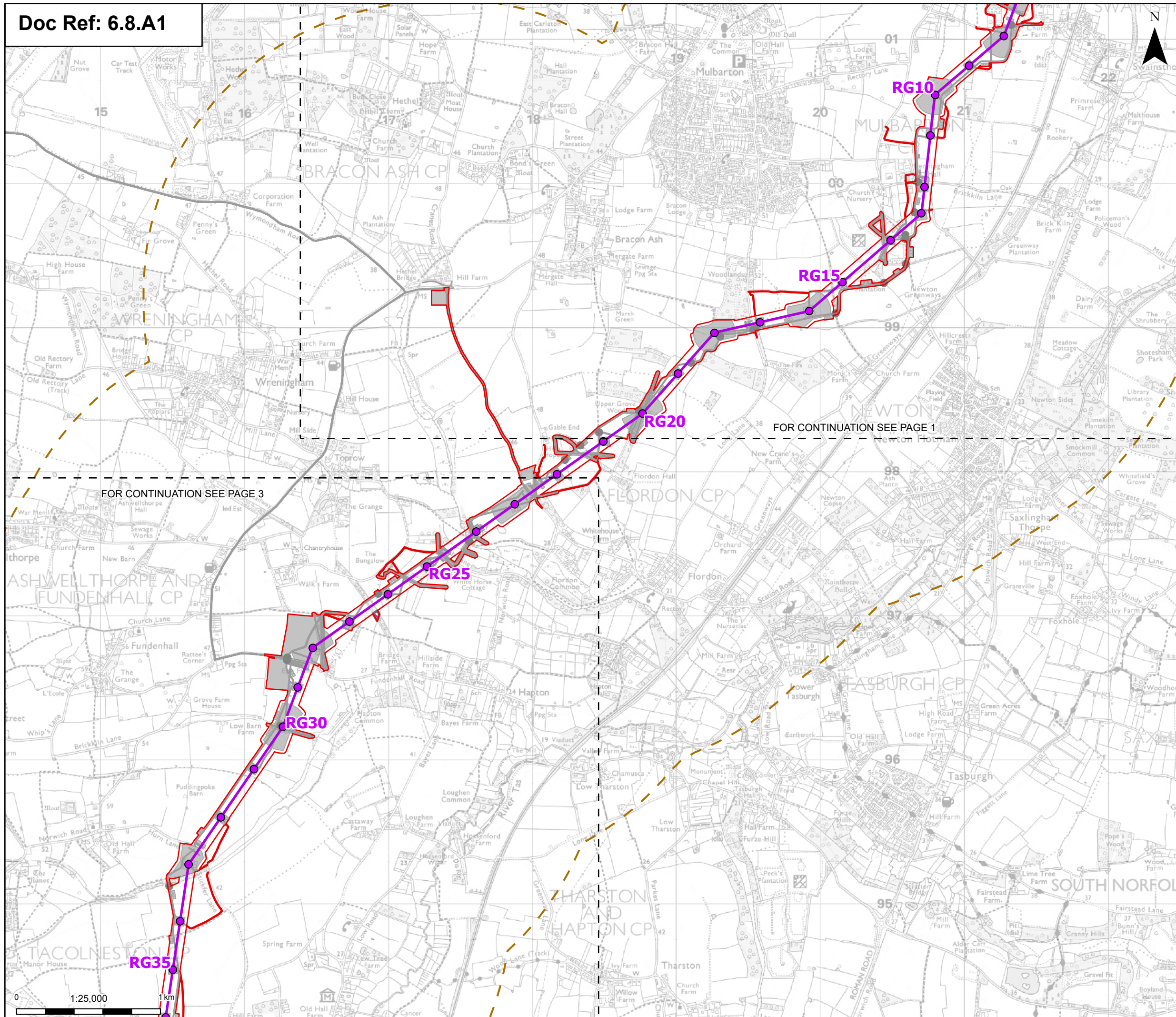
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 Regulation 5(2)(a)&(I)(ii)

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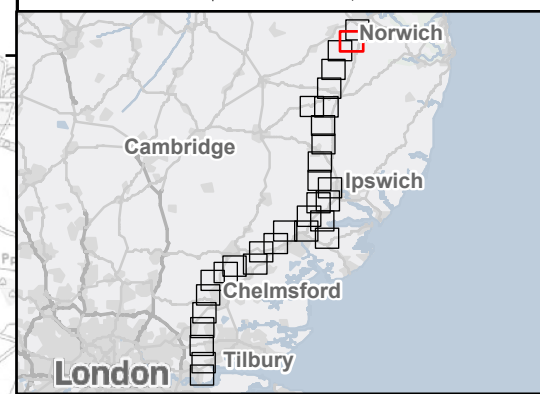
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- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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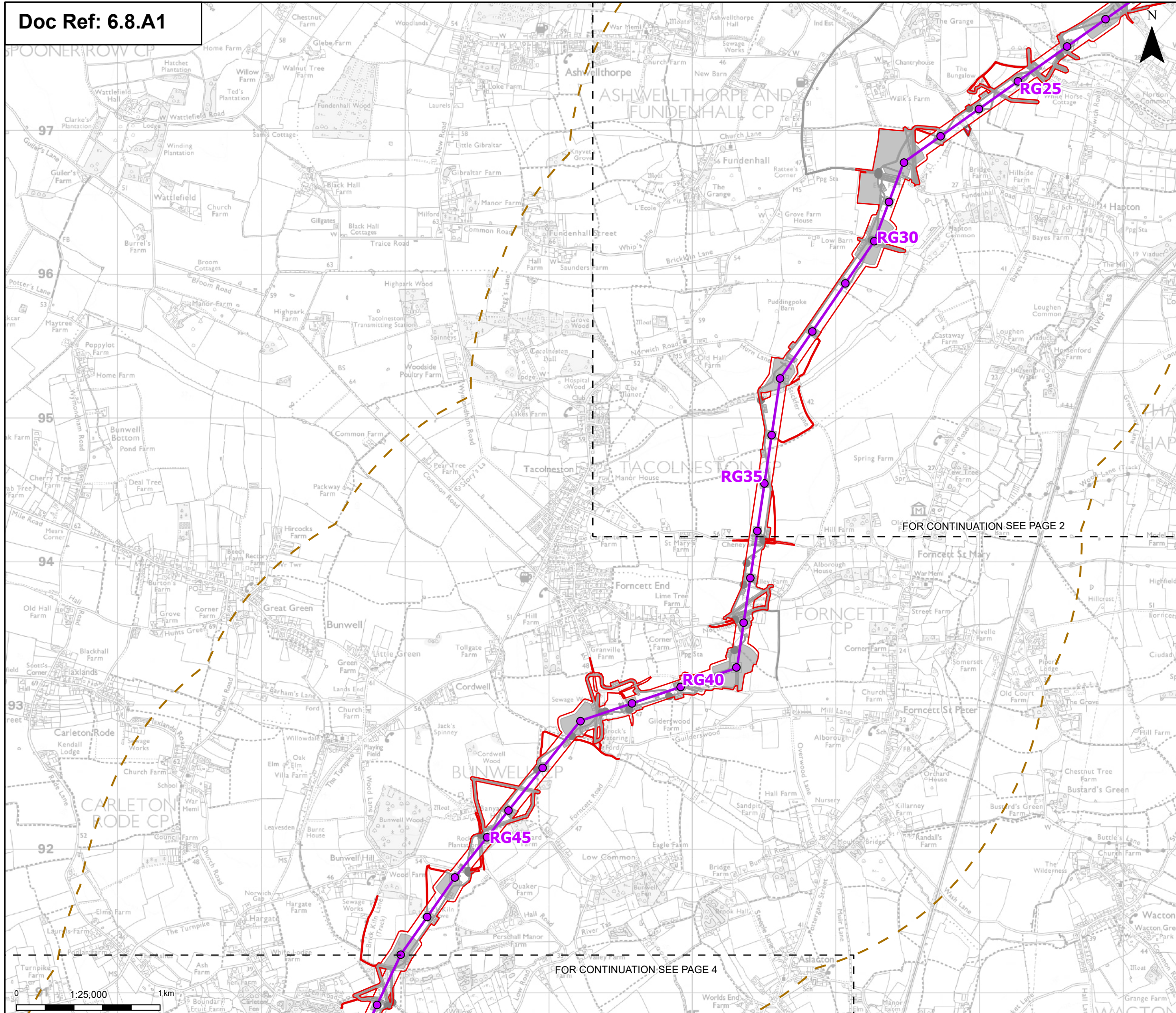
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 Regulation 5(2)(a)&(I)(ii)

Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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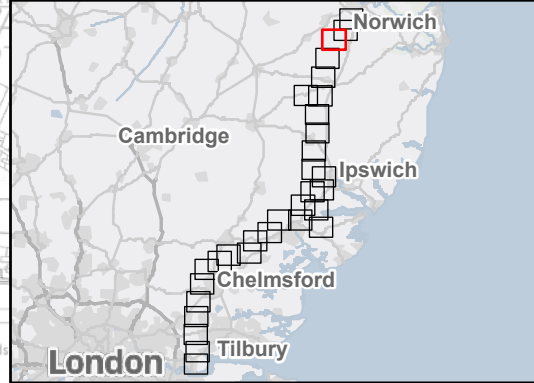
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 - Environmental mitigation
 - Other temporary and permanent construction and operational works

Discipline specific constraints

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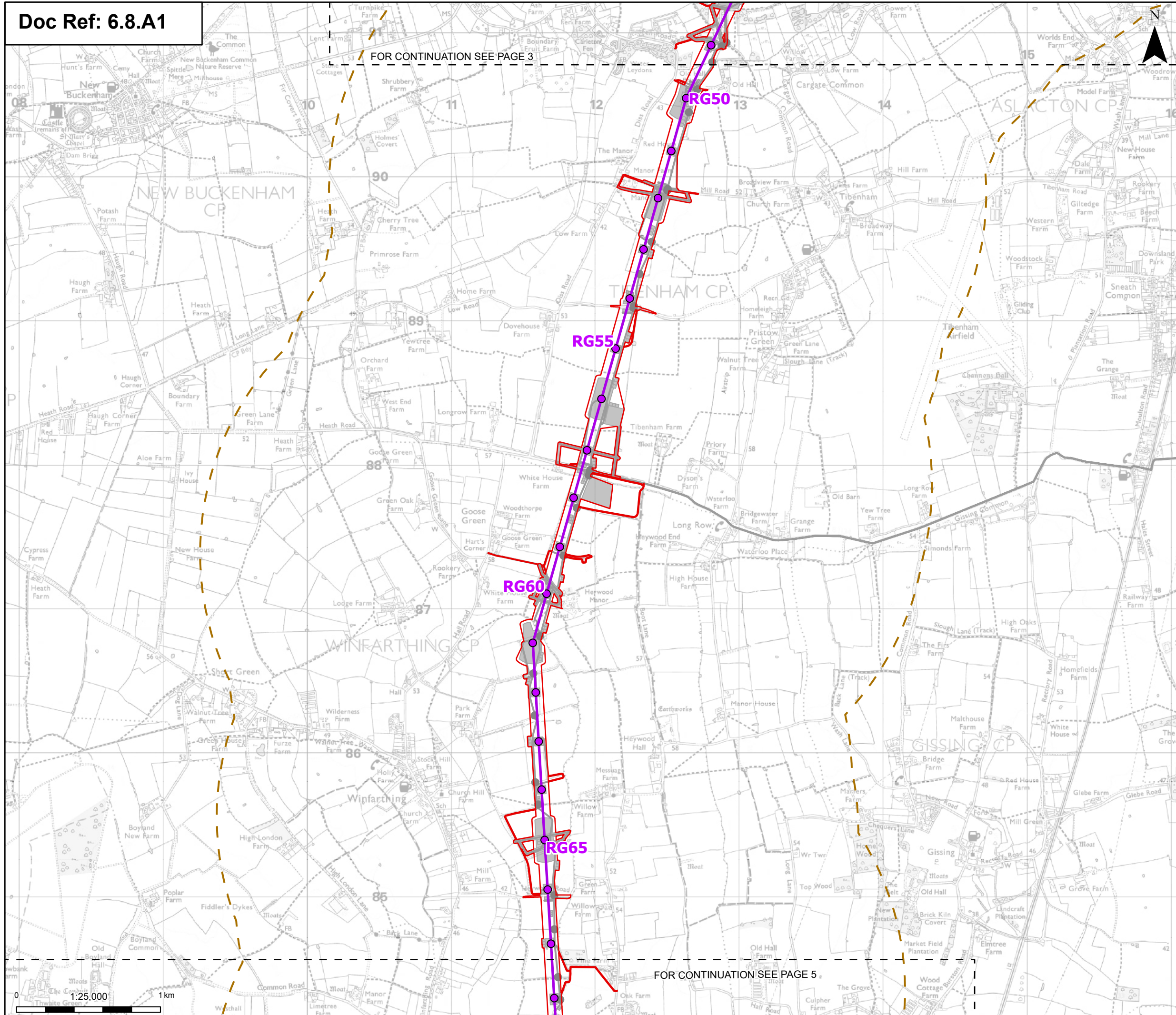
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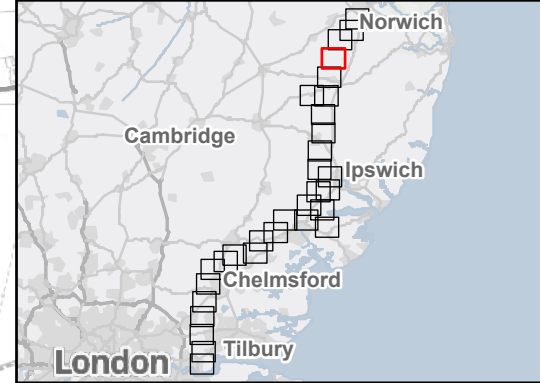
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**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

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 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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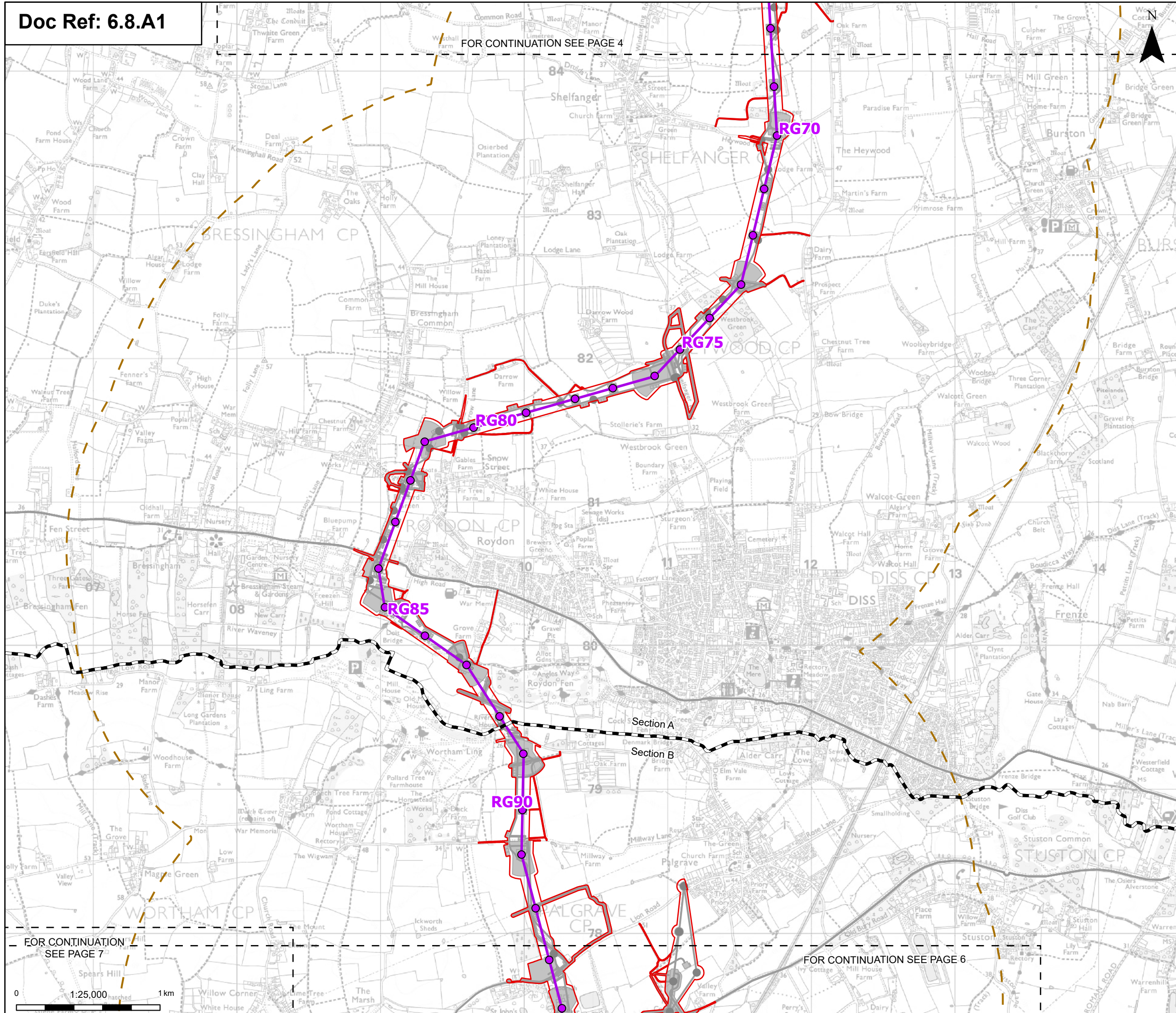
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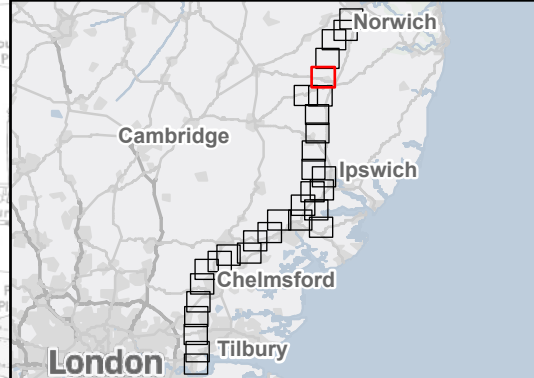
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- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

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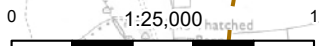
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Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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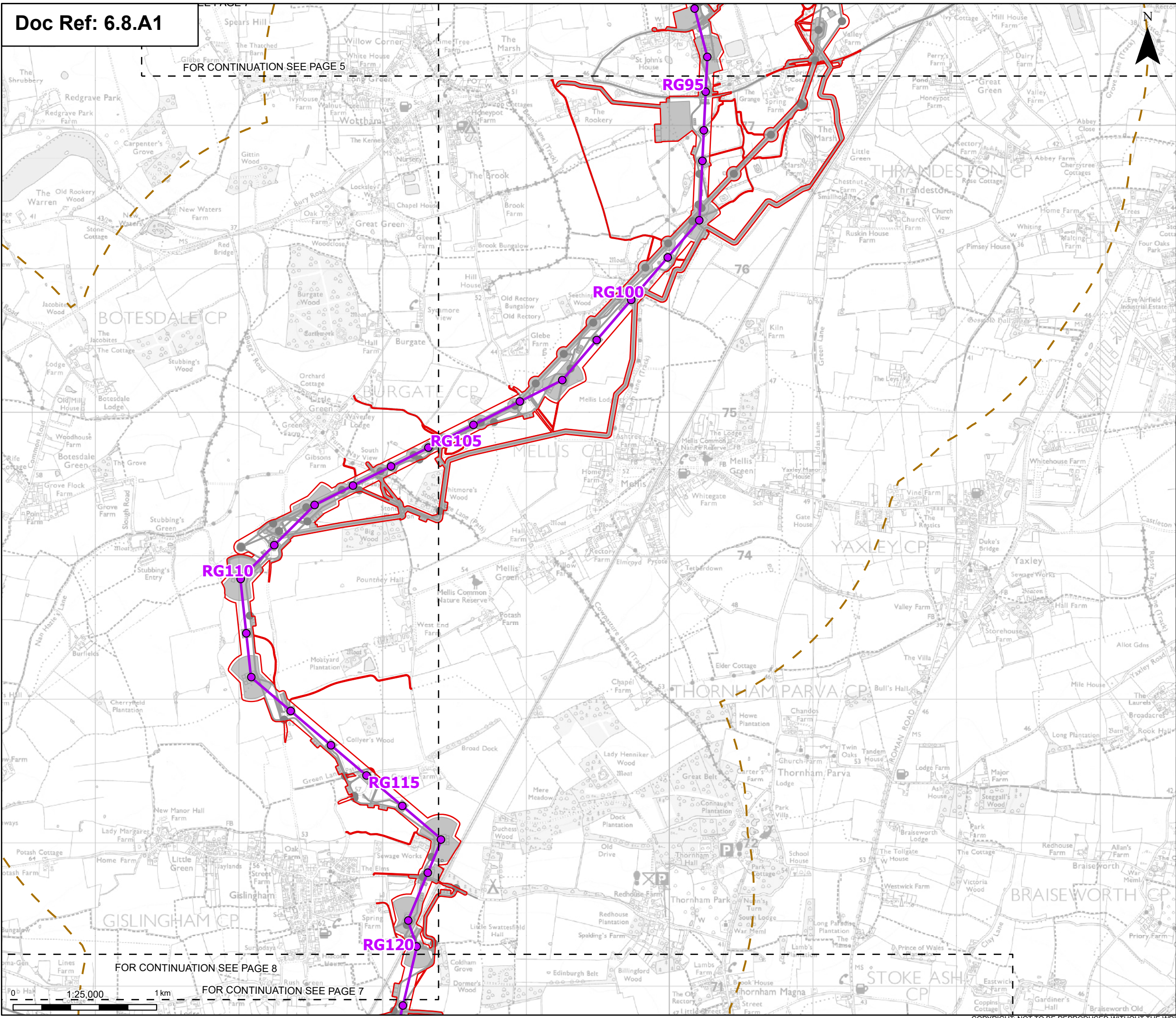
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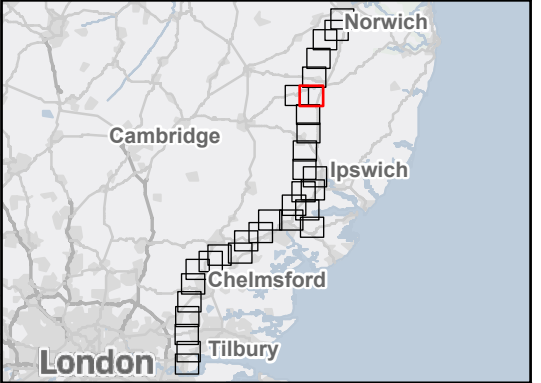
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Discipline specific constraints

- 2 km Study Area

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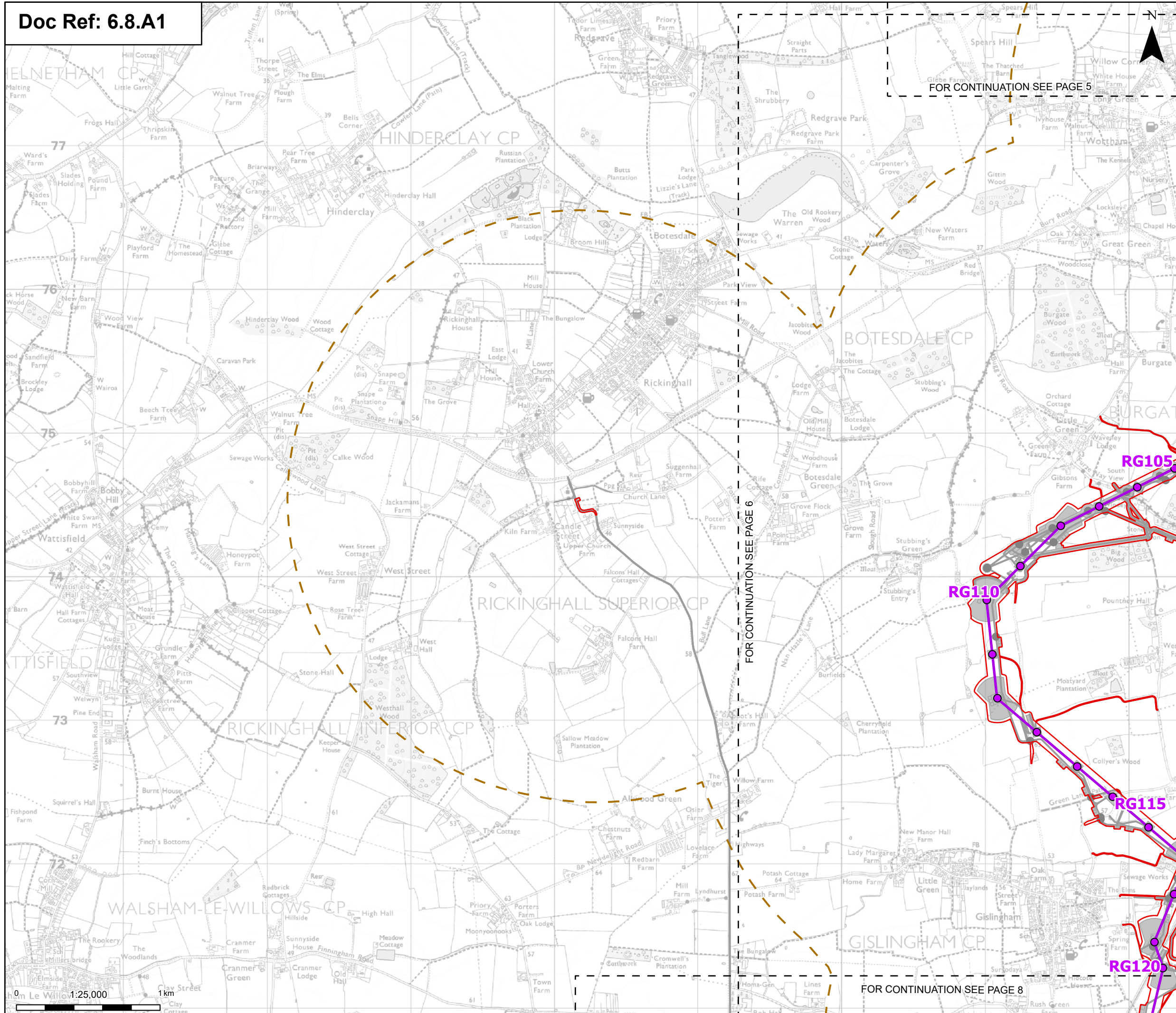
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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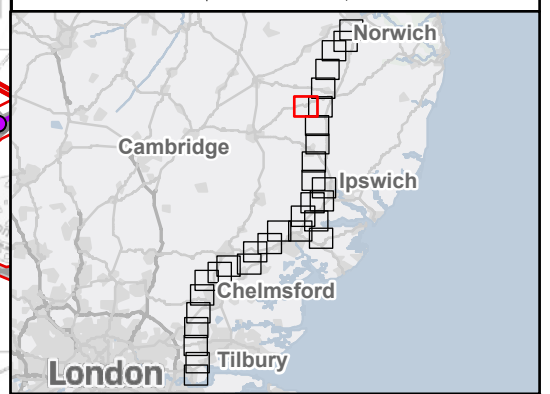
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- Sheet index cutline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
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Discipline specific constraints

- 2 km Study Area

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nationalgrid Norwich to Tilbury

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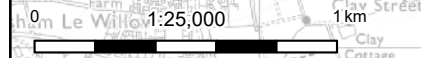
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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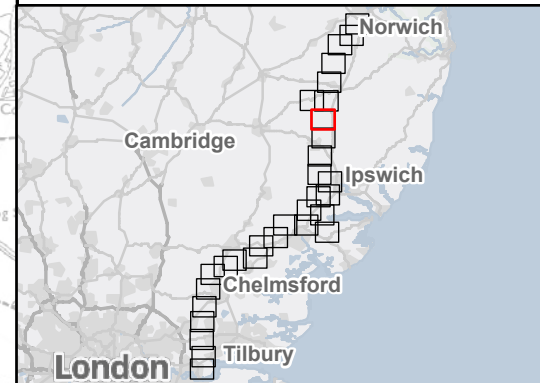
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 2 km Study Area

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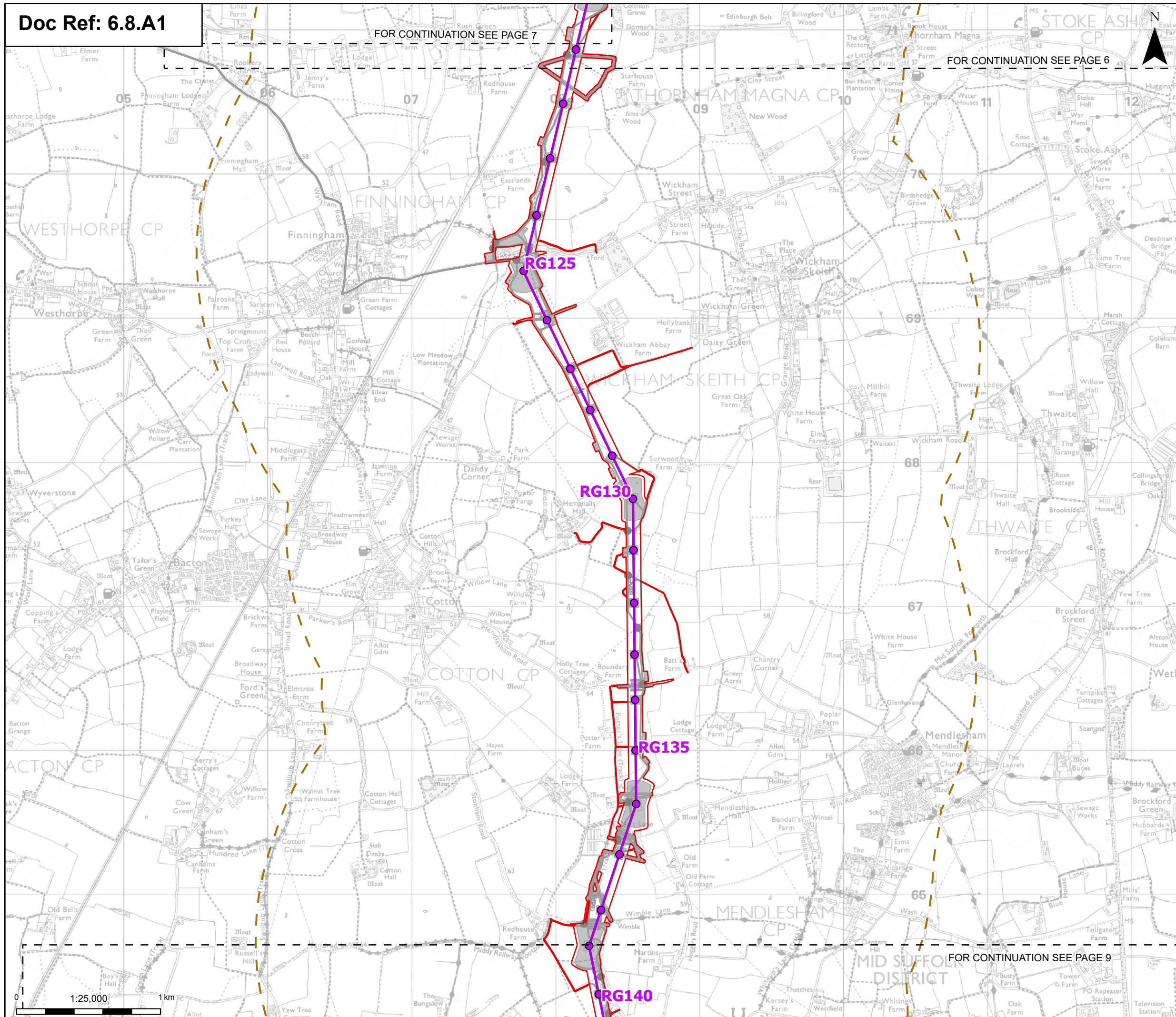
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Title:
Figure A8.1.6 - Ecology and Biodiversity -
Invasive Plant Species
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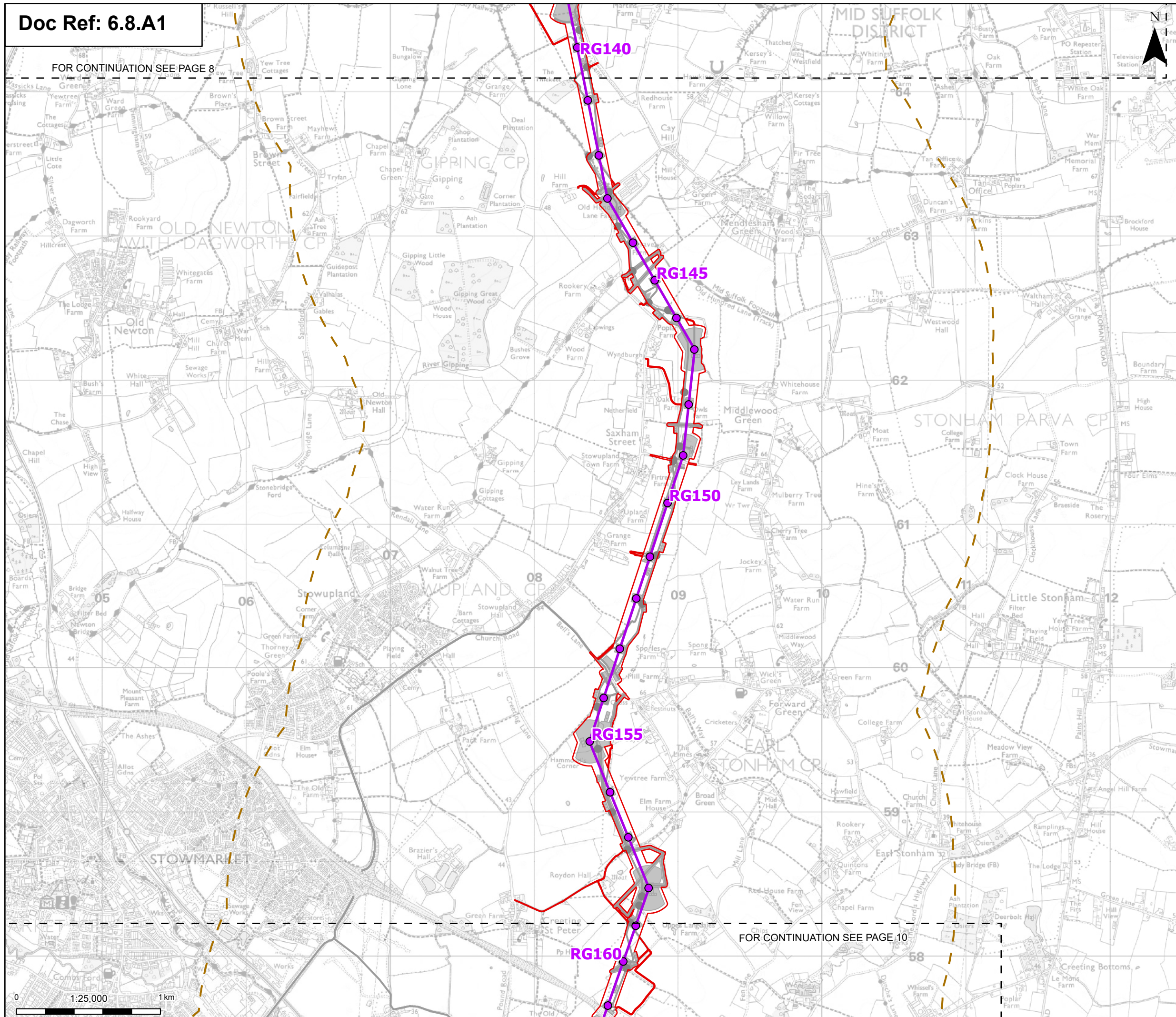
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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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

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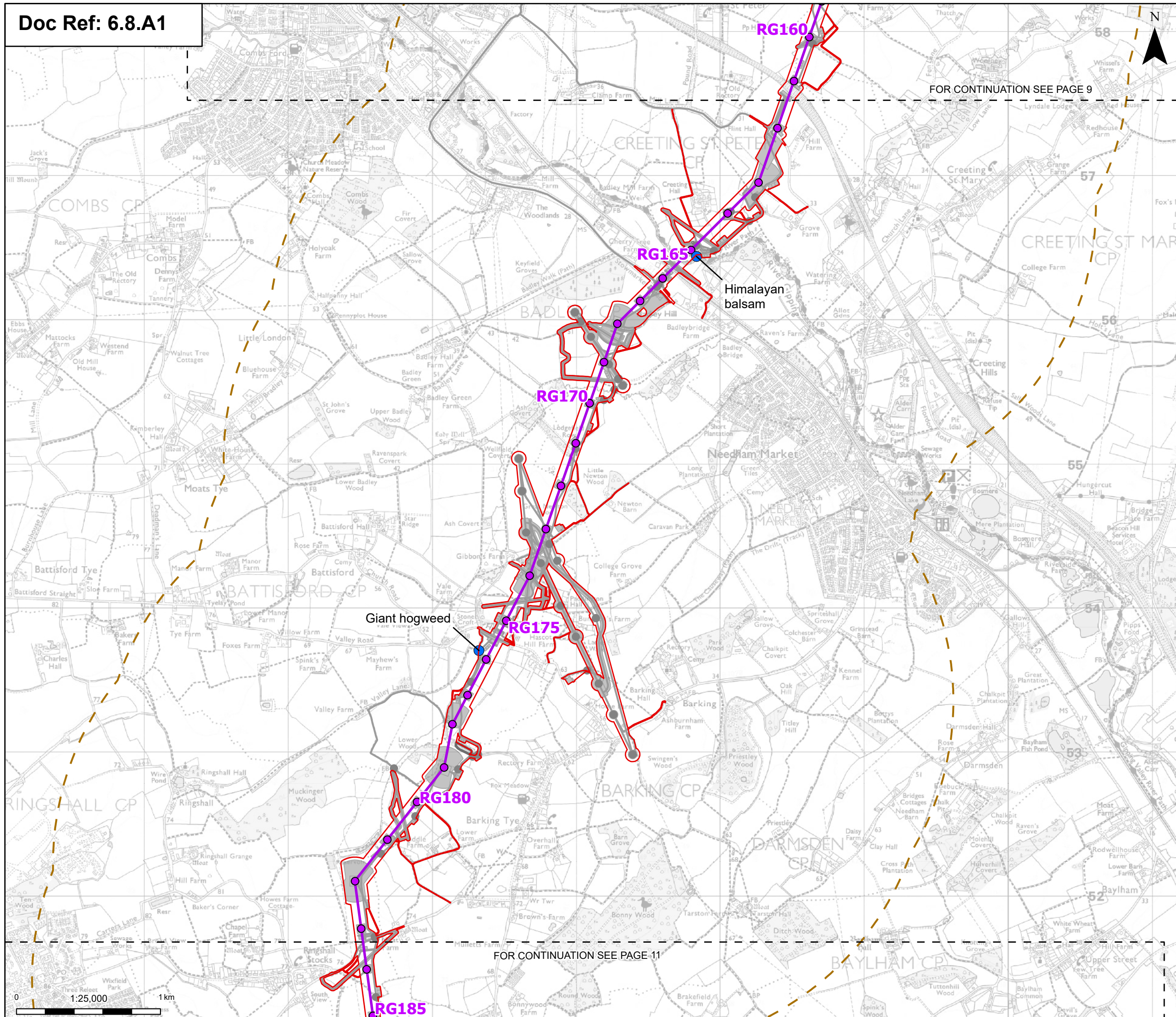
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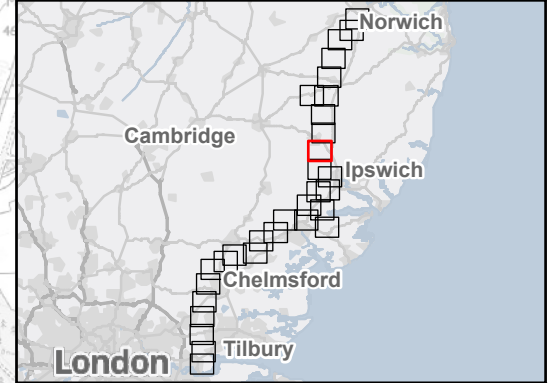


FOR CONTINUATION SEE PAGE 9

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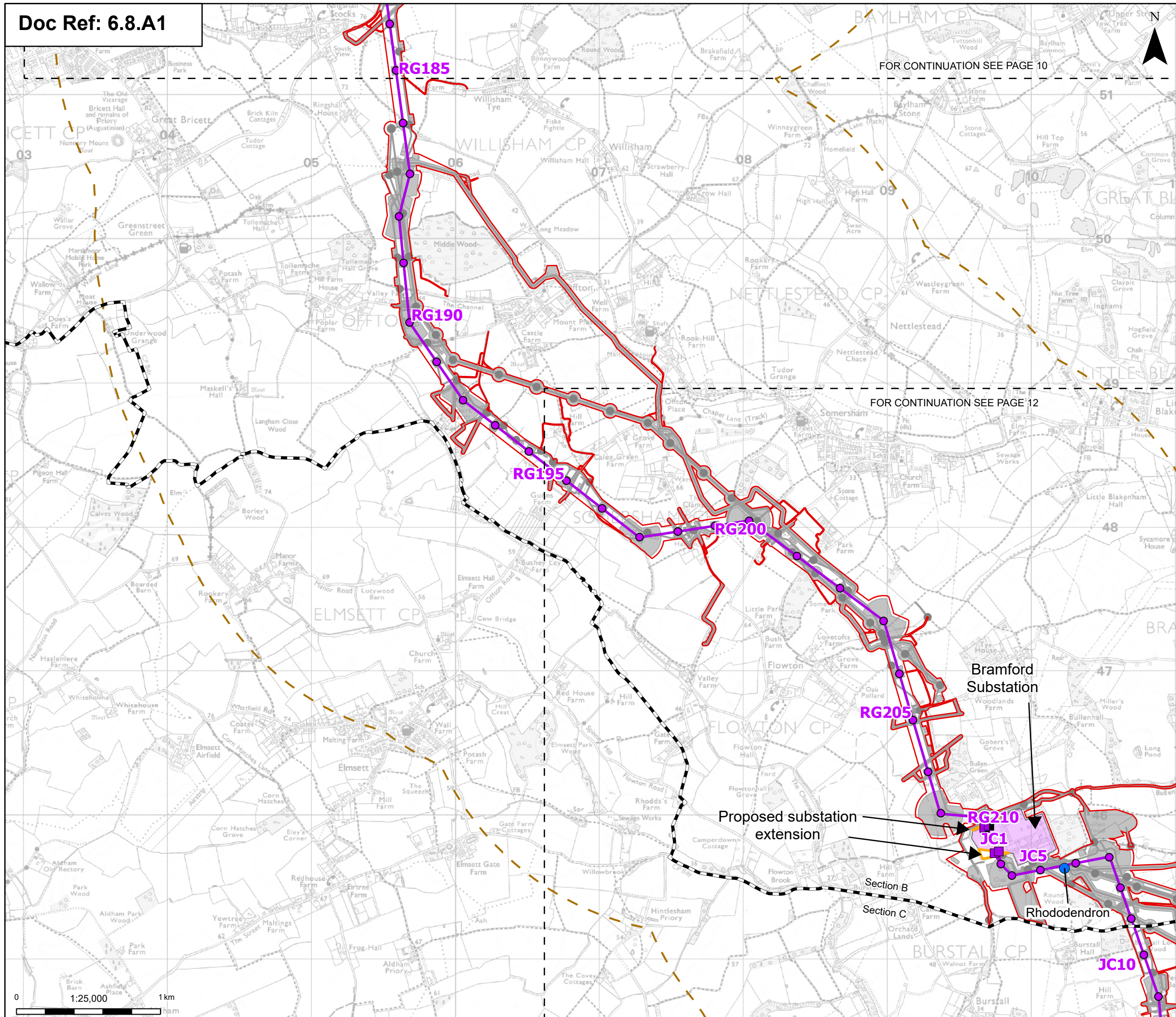
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 Invasive Plant Species**
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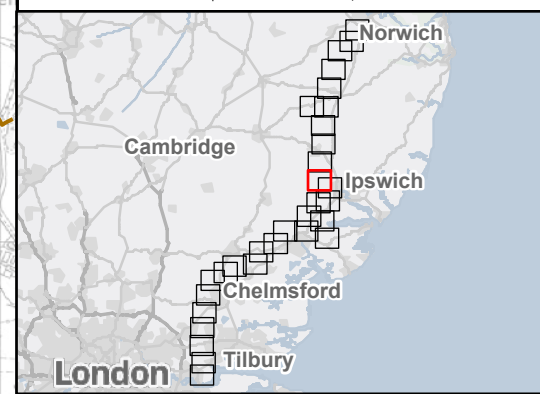
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

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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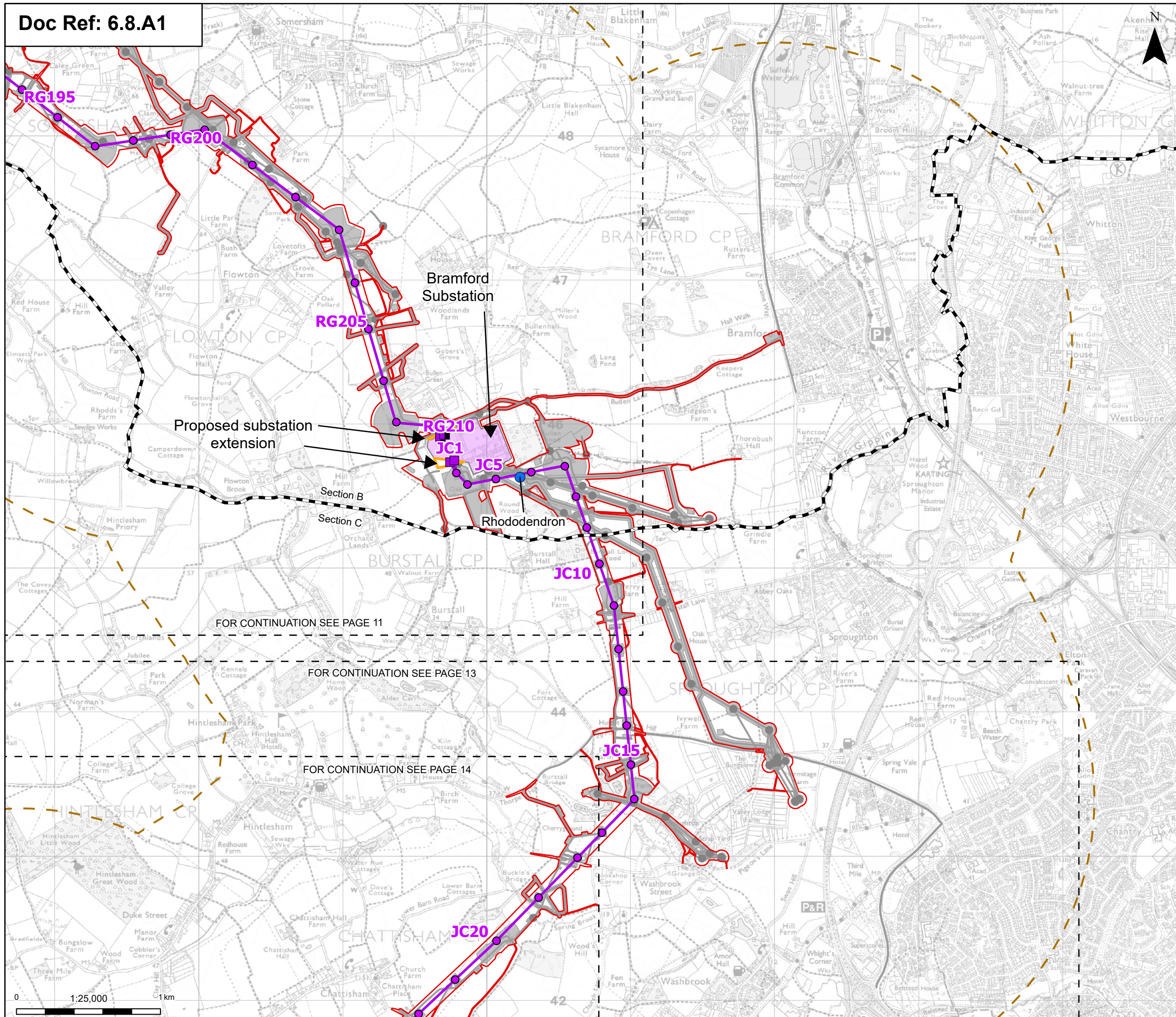
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Order limits
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Proposed project design details
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 [Purple square symbol] Proposed low duty gantry
 [Purple circle symbol] Proposed standard lattice pylon location
 [Purple line symbol] Proposed overhead line alignment
 [Purple square symbol] Bramford Substation
 [Yellow rectangle symbol] Bramford Substation Extension
 [Grey area symbol] Other temporary and permanent construction and operational works

Discipline specific constraints
 [Dashed line symbol] 2 km Study Area
 [Blue circle symbol] 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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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

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

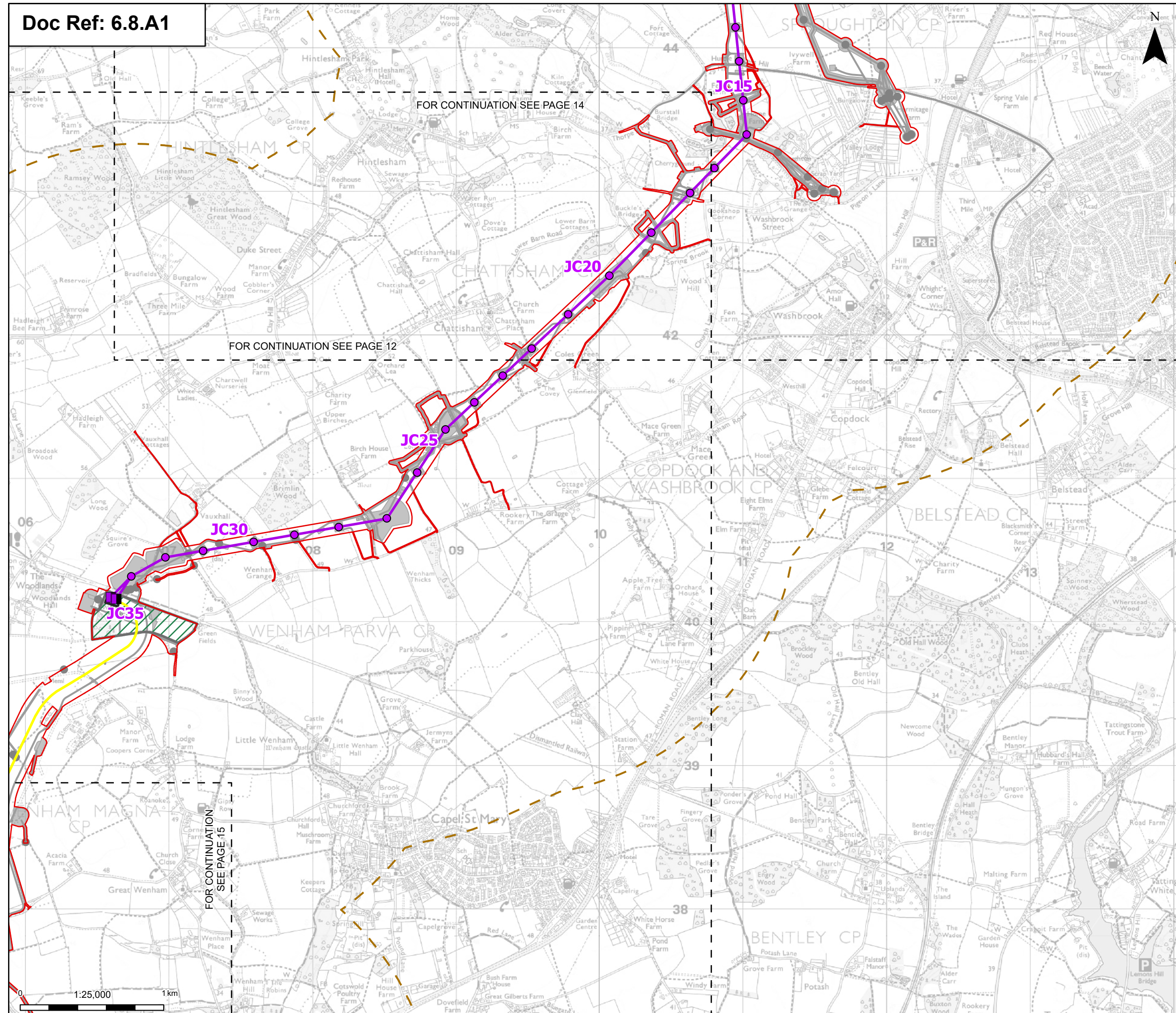
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 Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000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

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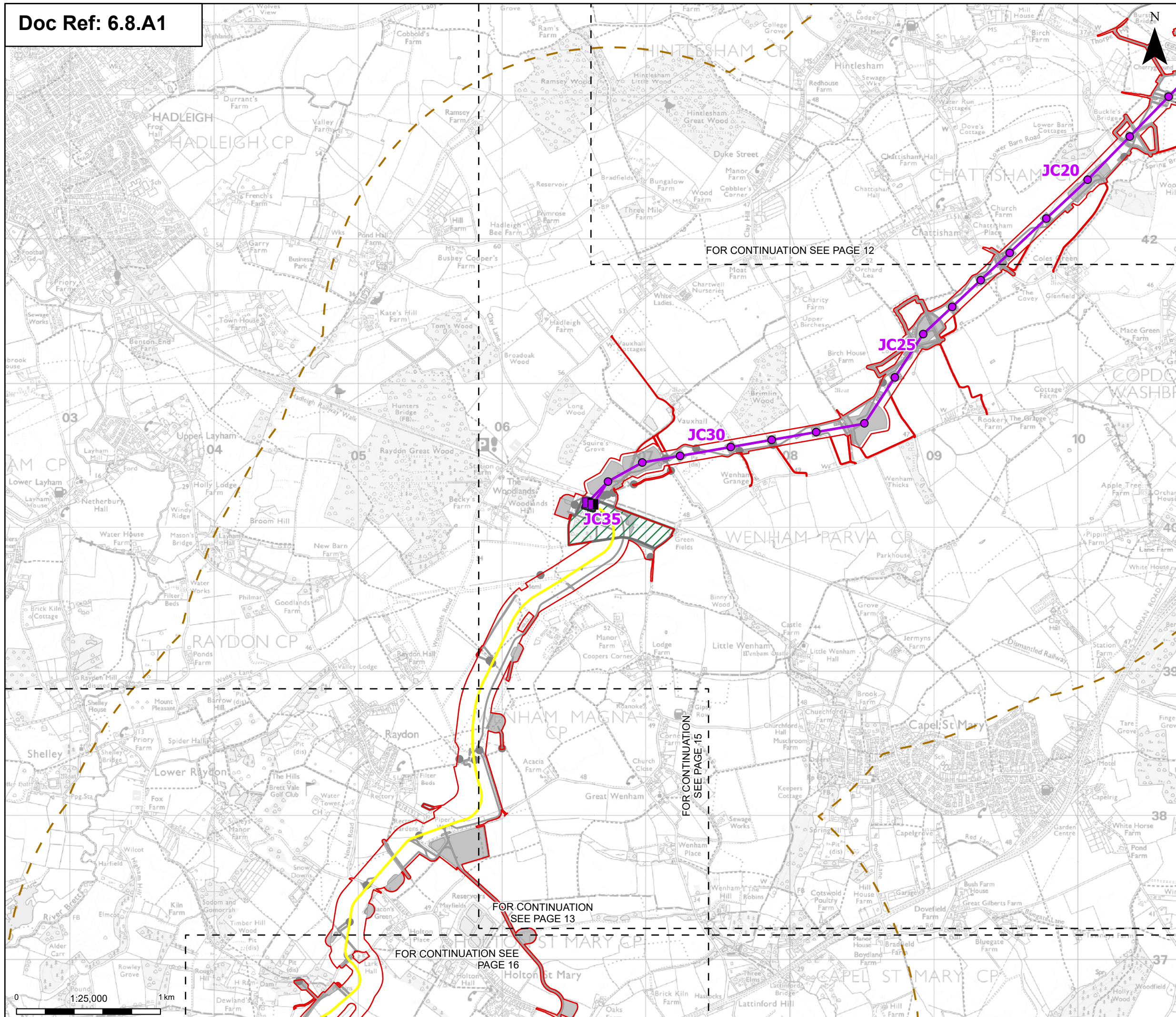
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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Suitability Code: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

Suitability Description:
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Drawing Number:
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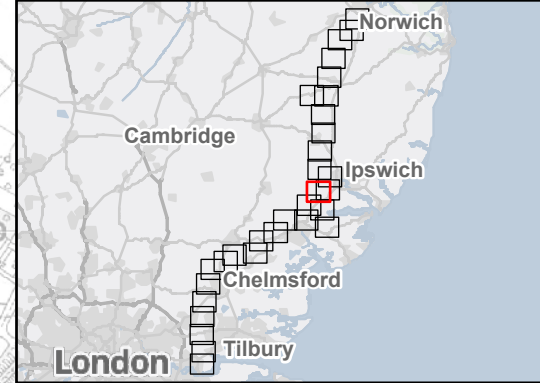
Revision:
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end compound (CSEC)
 - Environmental area
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 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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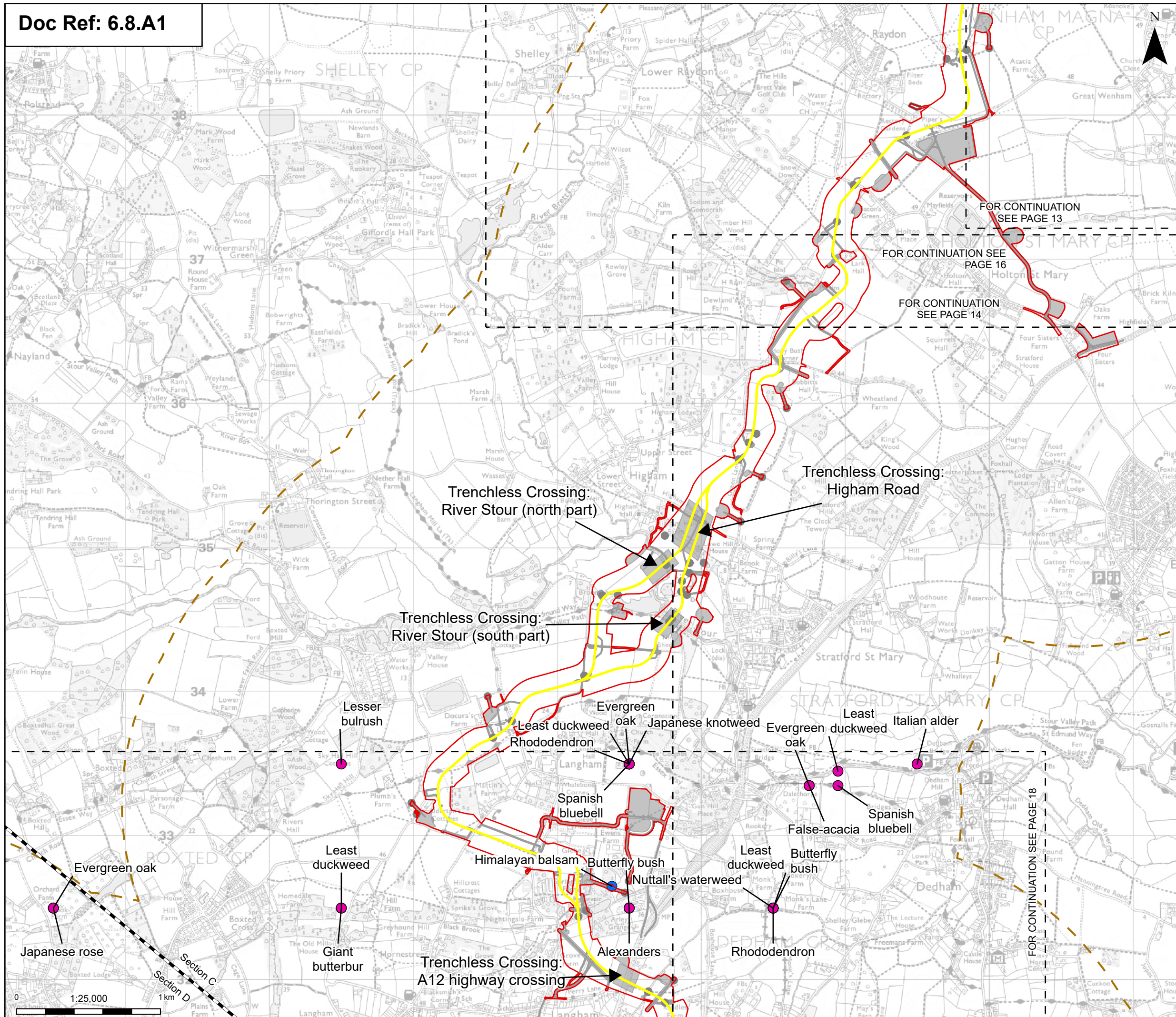
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Revision:
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- Order limits
- Sheet index outline
- Project section line
- Proposed 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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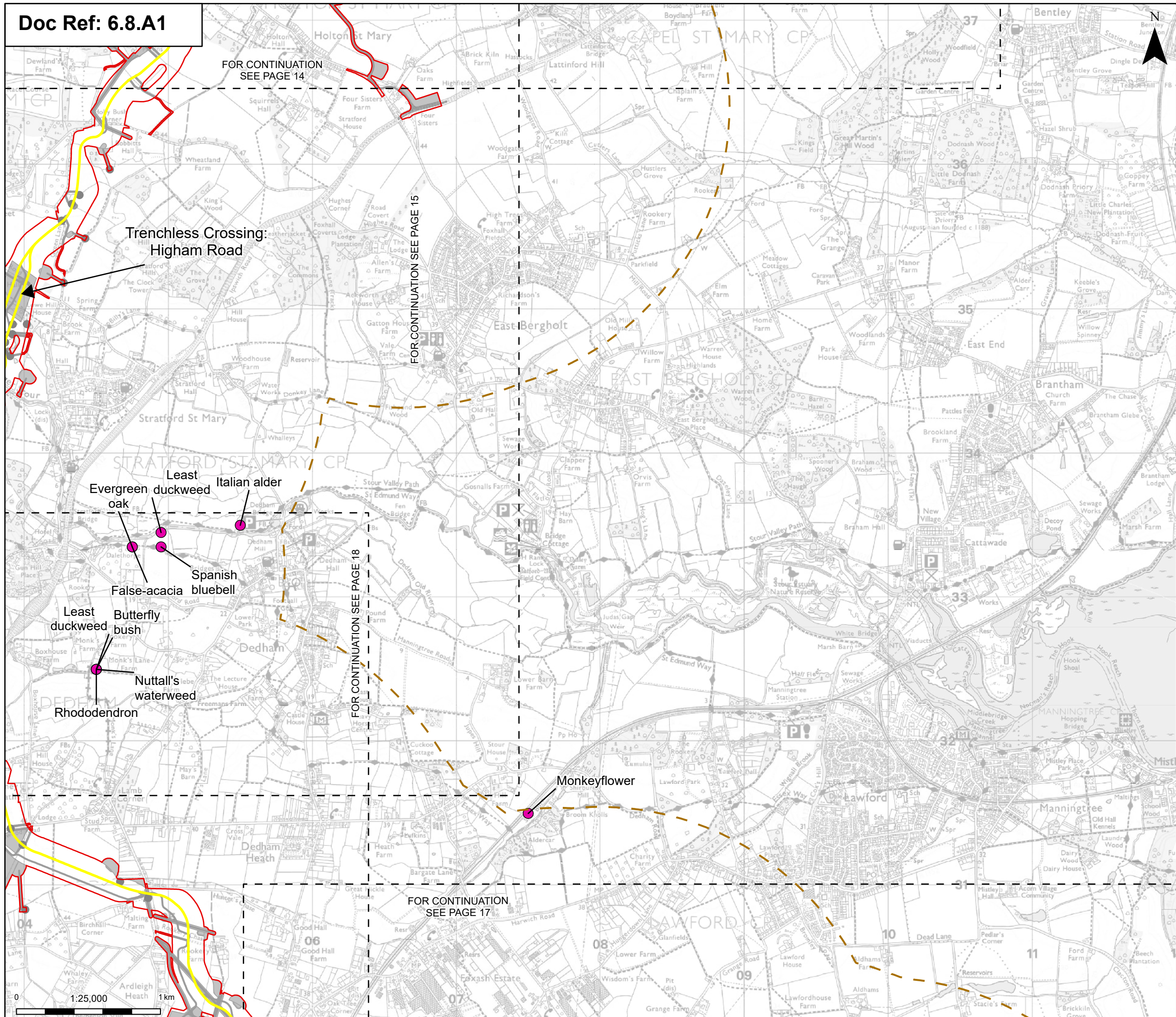
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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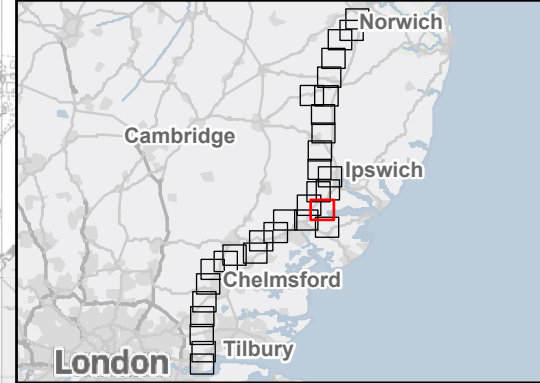
Revision:
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- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed underground cable alignment
 - Other temporary and permanent construction and operational works
- Discipline 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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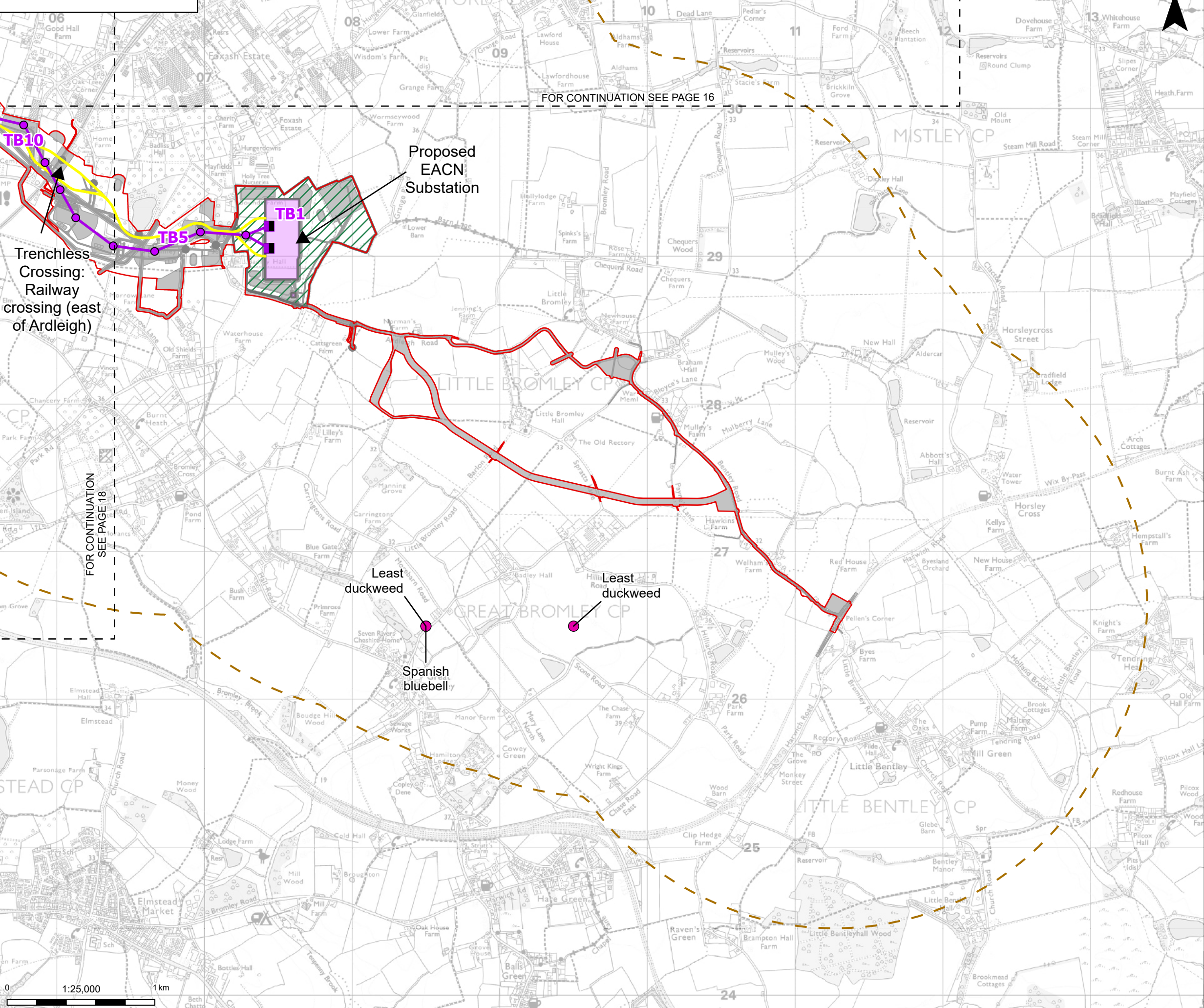
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Scale:	1:25,000	Datum:	AOD
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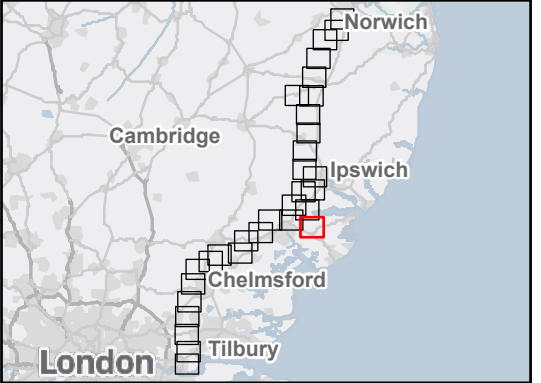
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Revision:
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- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed 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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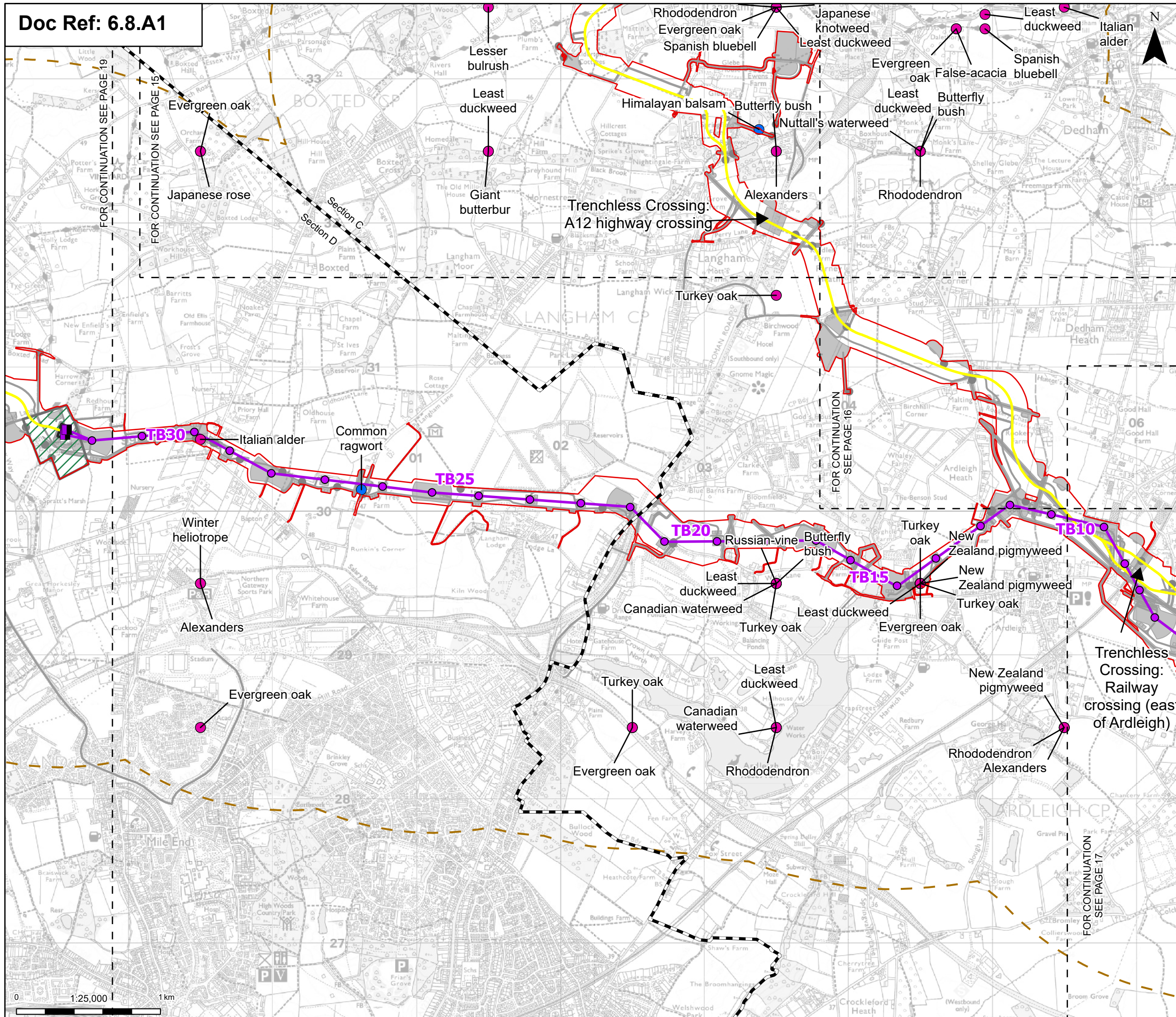
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Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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- Order limits
 - Sheet index outline
 - Project section line
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end compound (CSEC)
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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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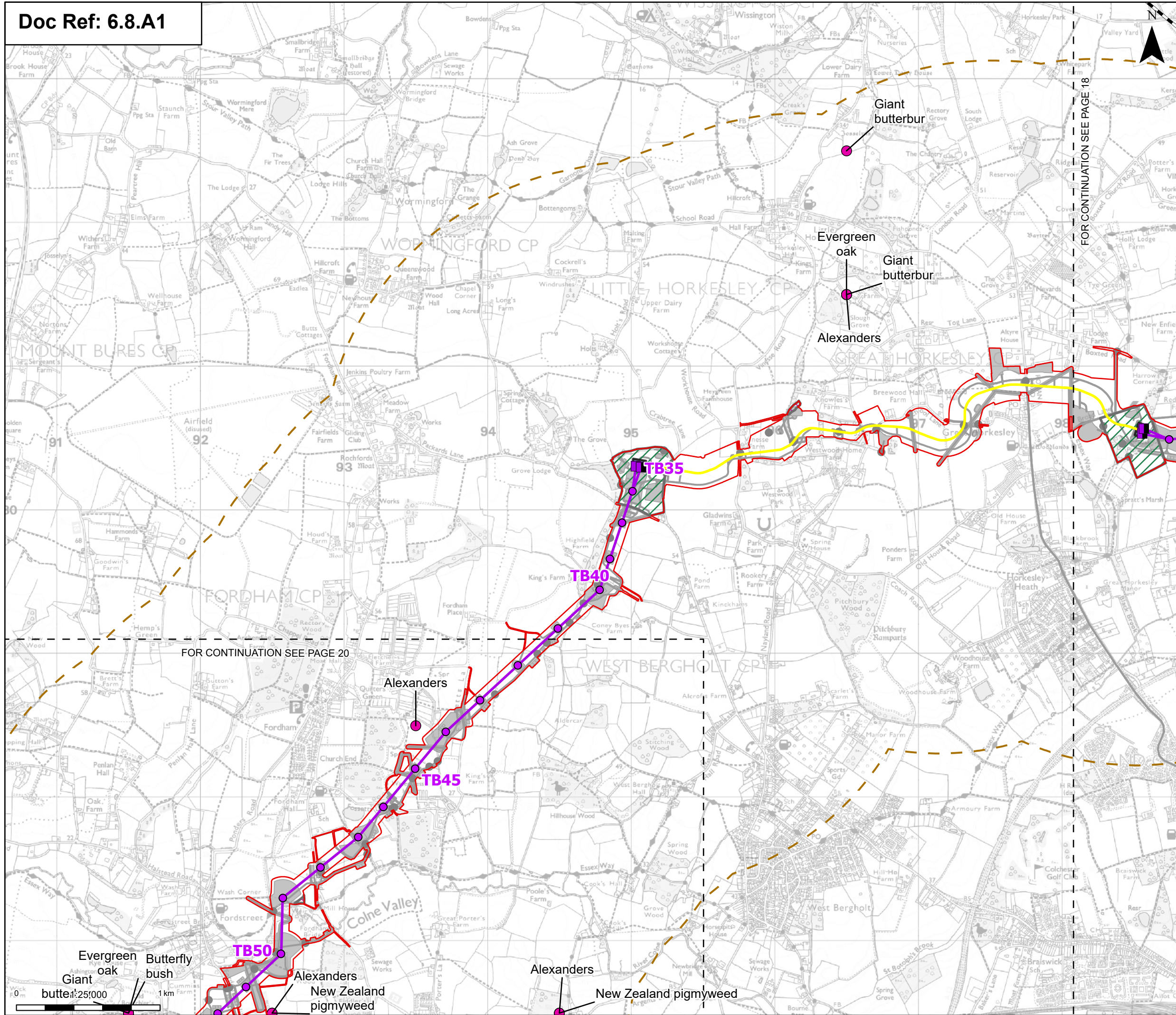
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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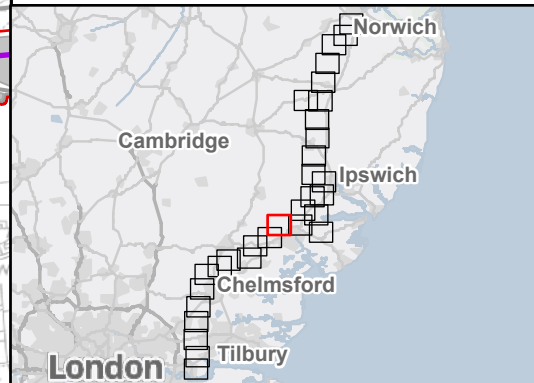
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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- Order limits
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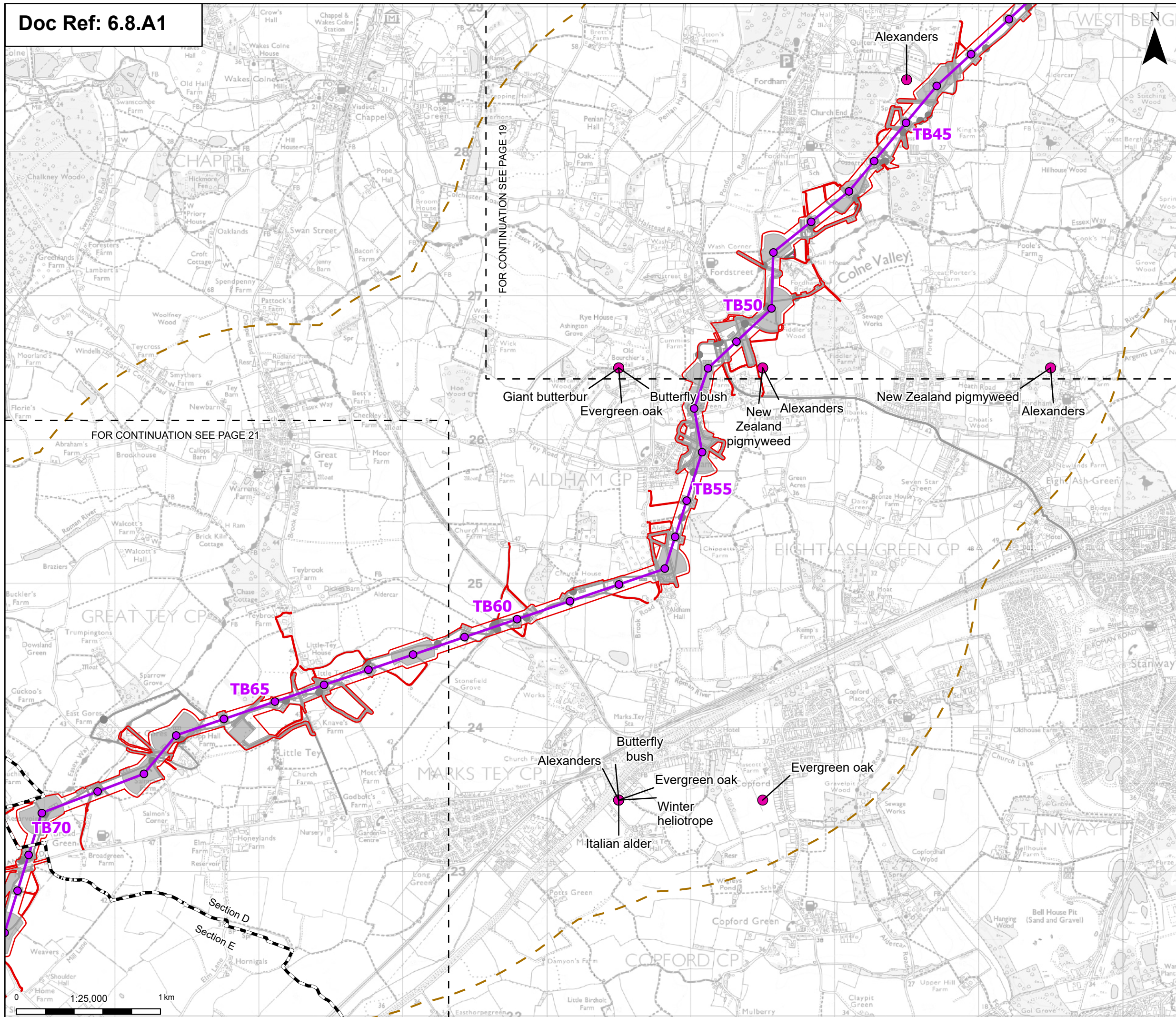
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Suitability Description:
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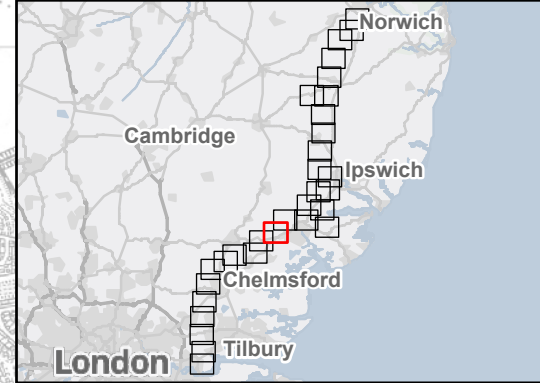
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Revision:
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- Order limits
 - Sheet index cutline
 - Project section line
 - Proposed project design details**
 - Proposed standard lattice pylon location
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 - Environmental mitigation
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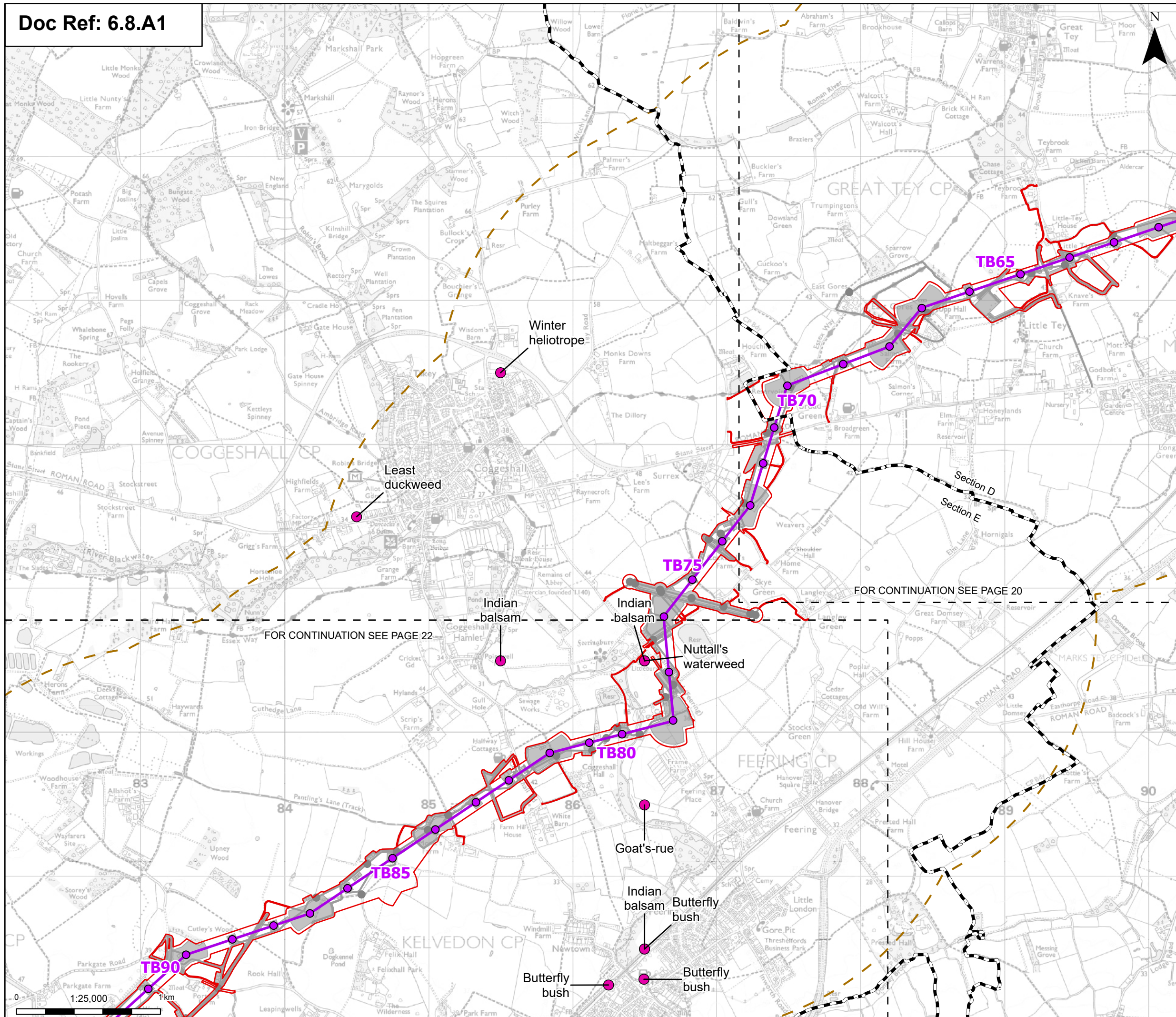
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

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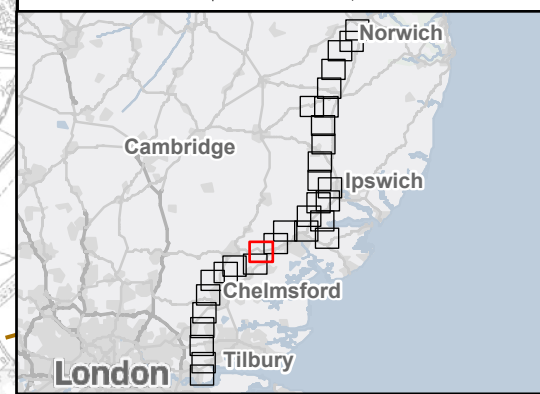
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- Order limits
- Sheet index outline
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- Proposed project design details**
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- Proposed overhead line alignment
- Environmental mitigation
- Other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

- Discipline specific constraints**
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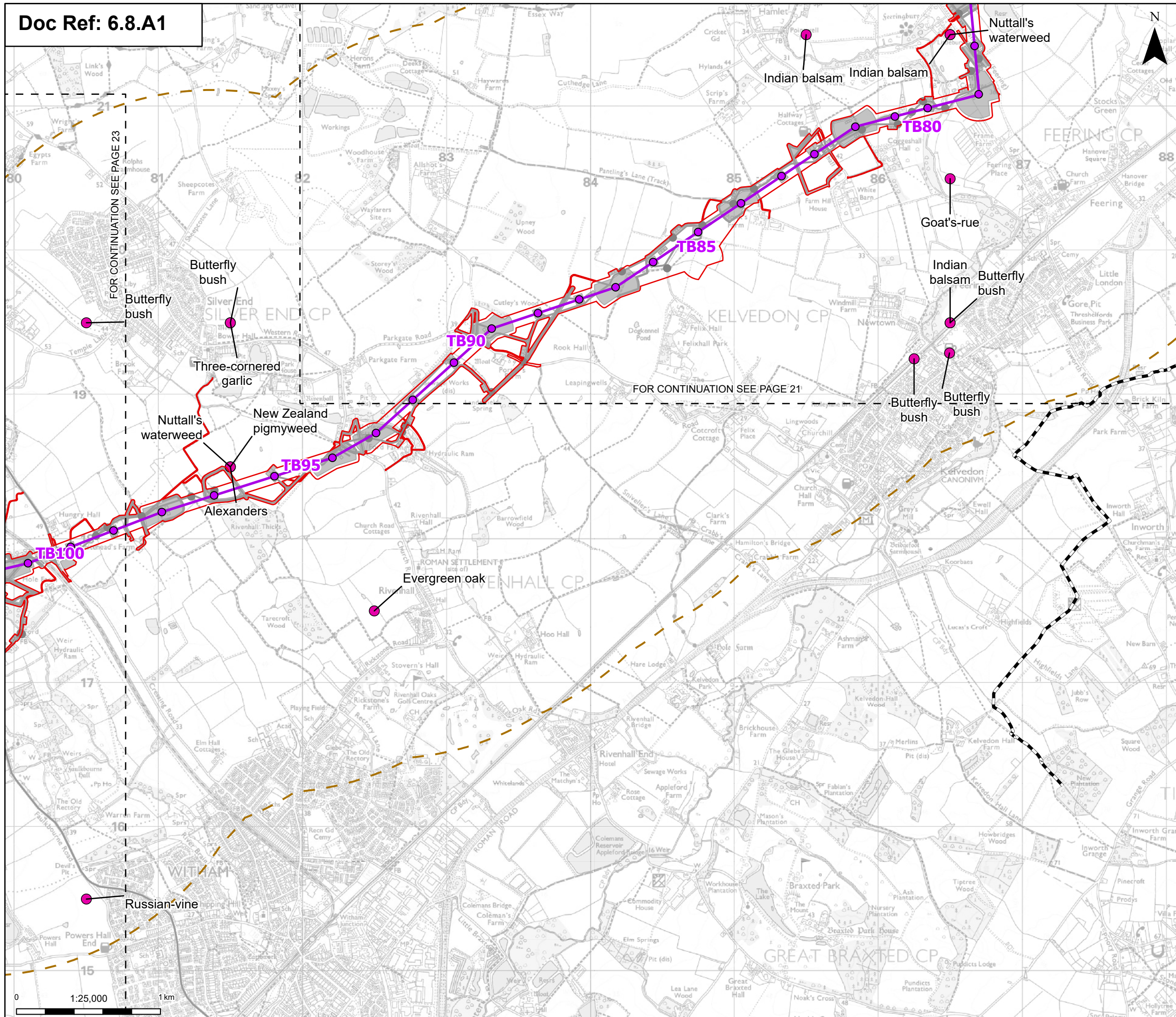
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Suitability Code:	A2	Project Number:	10059280

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Revision:
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- Order limits
- Sheet index outline
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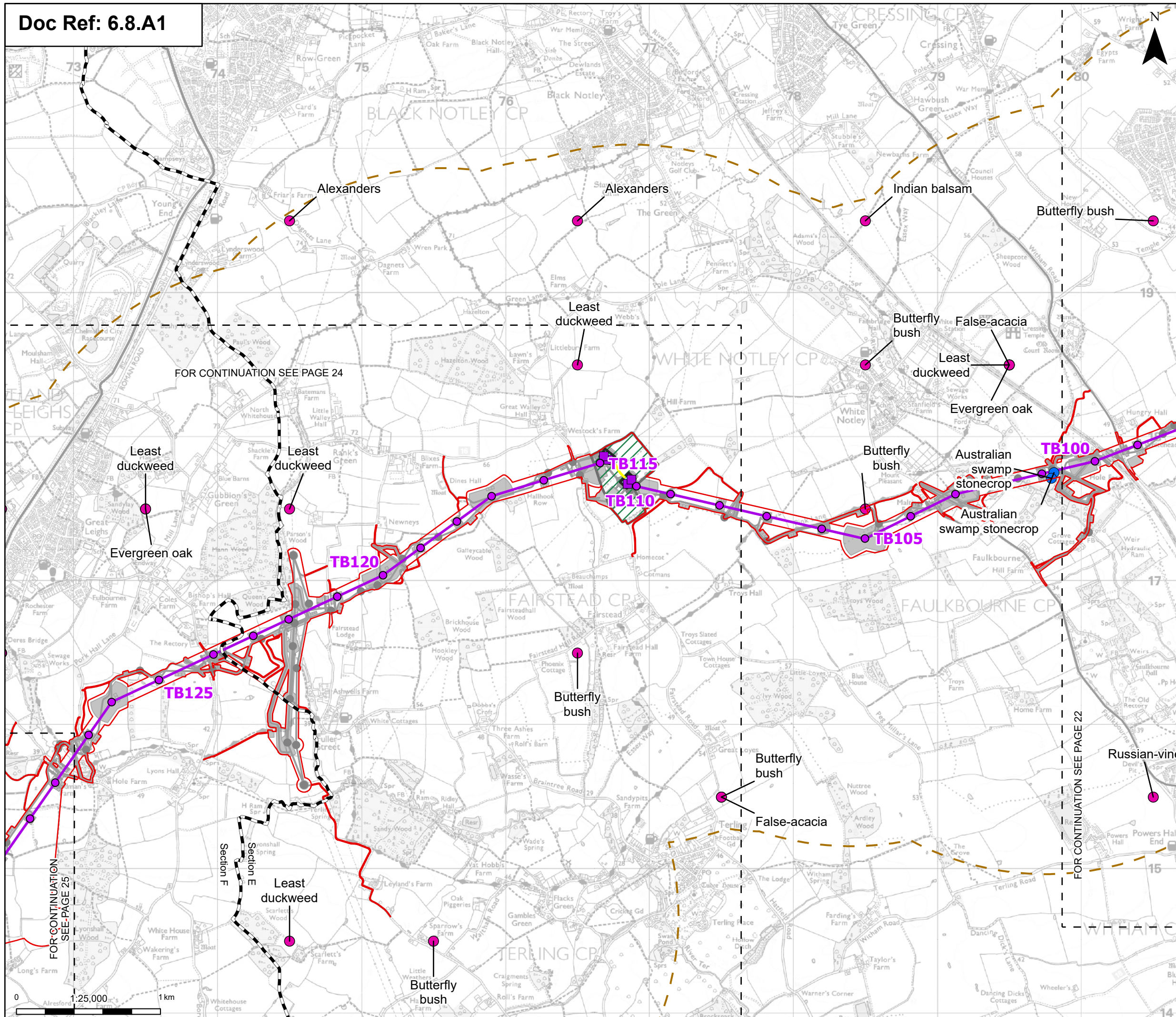
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Accepted as Concept Stage

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Order limits

- Sheet index outline
- 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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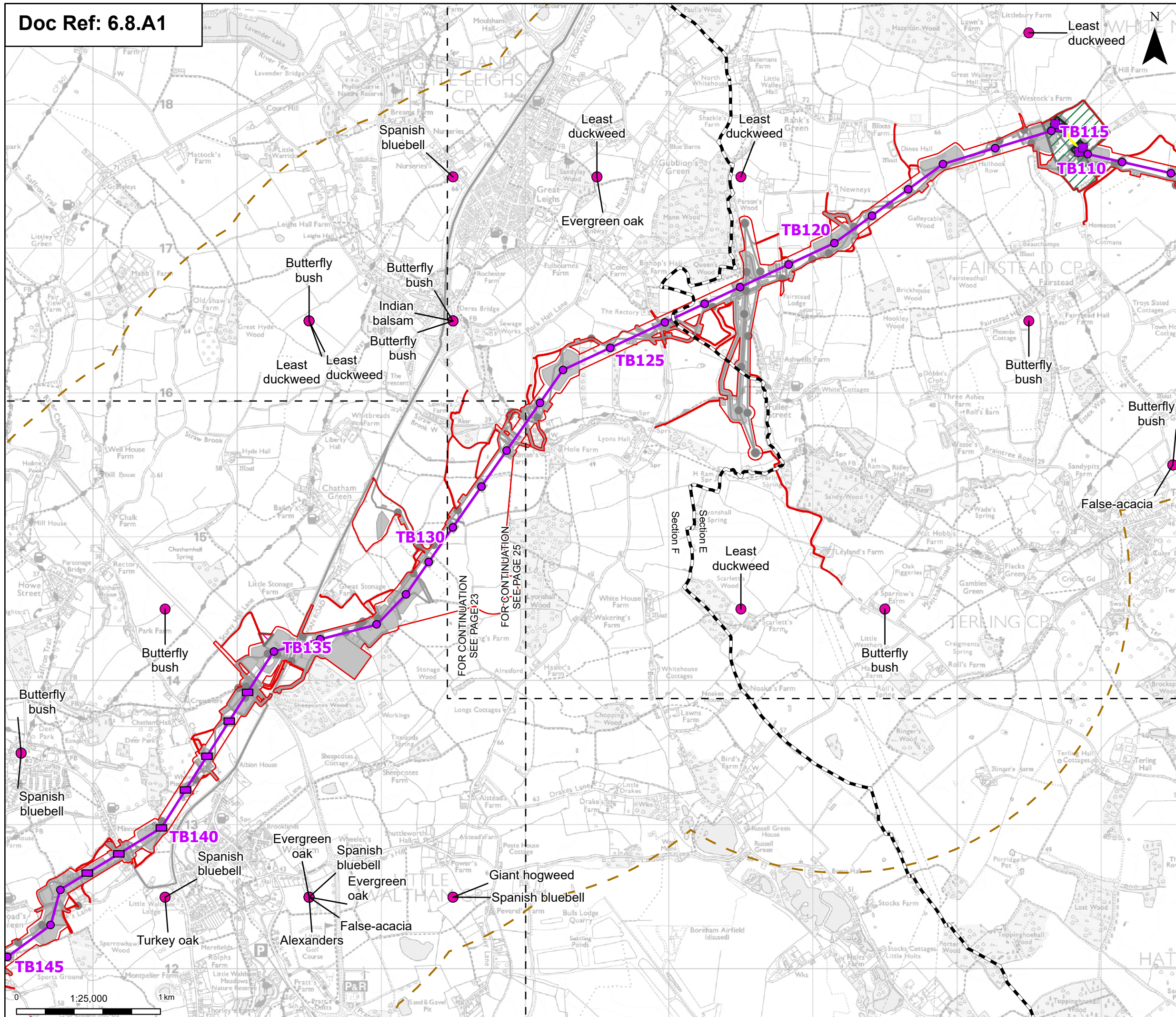
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Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Order limits
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 Project section line

Proposed project design details
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 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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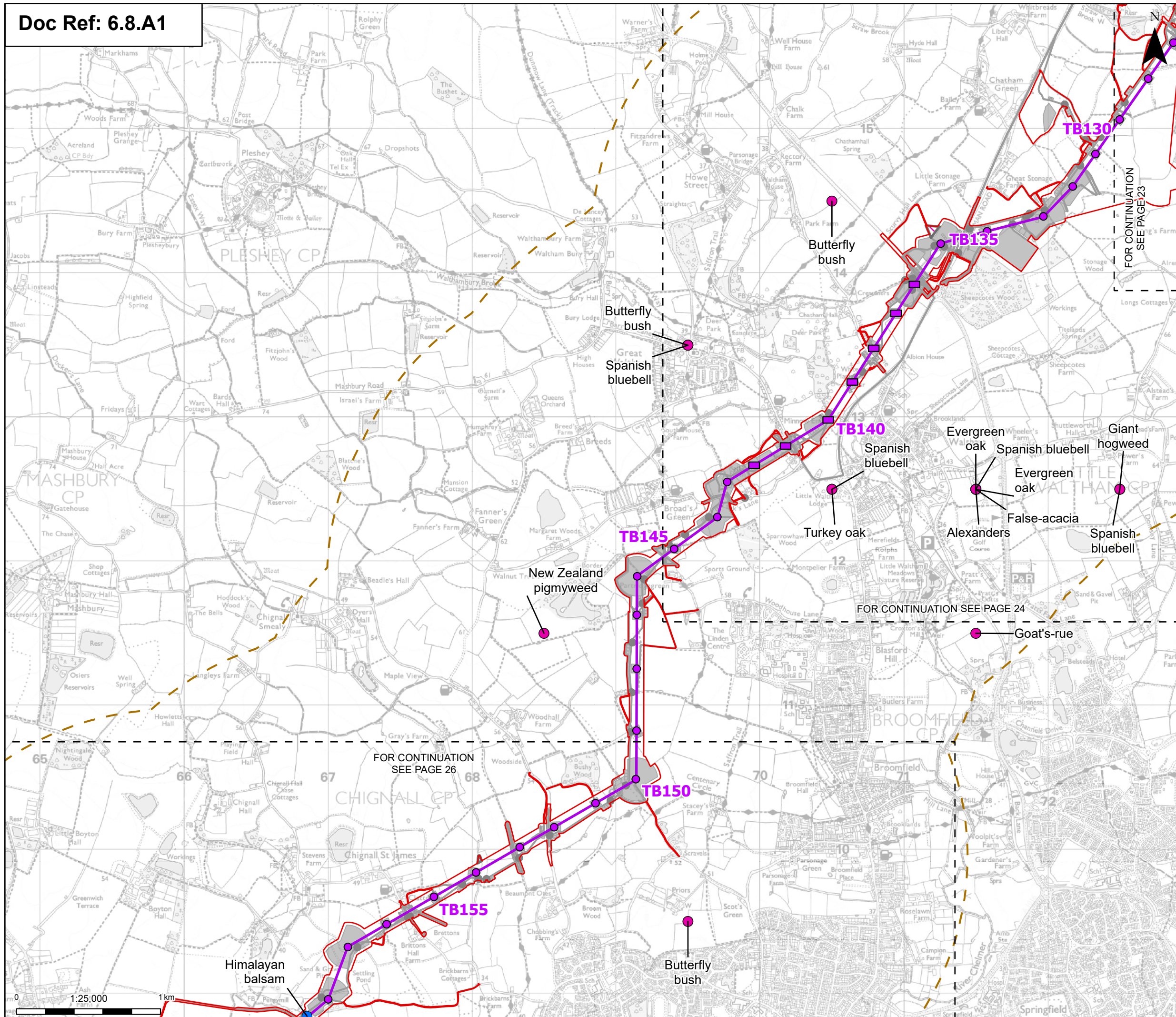
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Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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- Order limits
- Sheet index cutline
- Proposed project design details**
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

- Discipline specific constraints**
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 - 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:
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Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

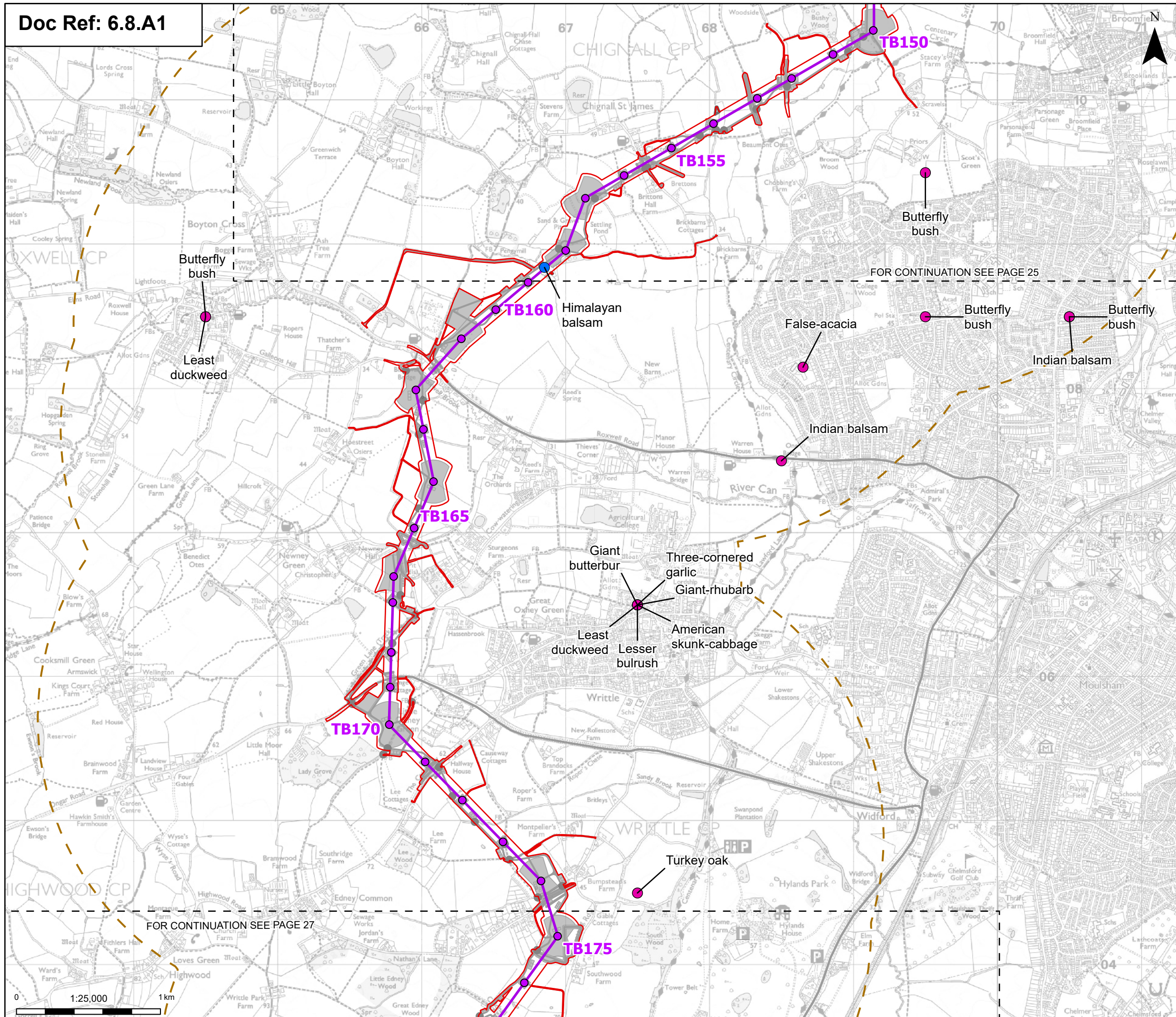
Title:
Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability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

Suitability Description:
 Accepted as Concept Stage

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

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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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nationalgrid Norwich to Tilbury

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Title:
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**
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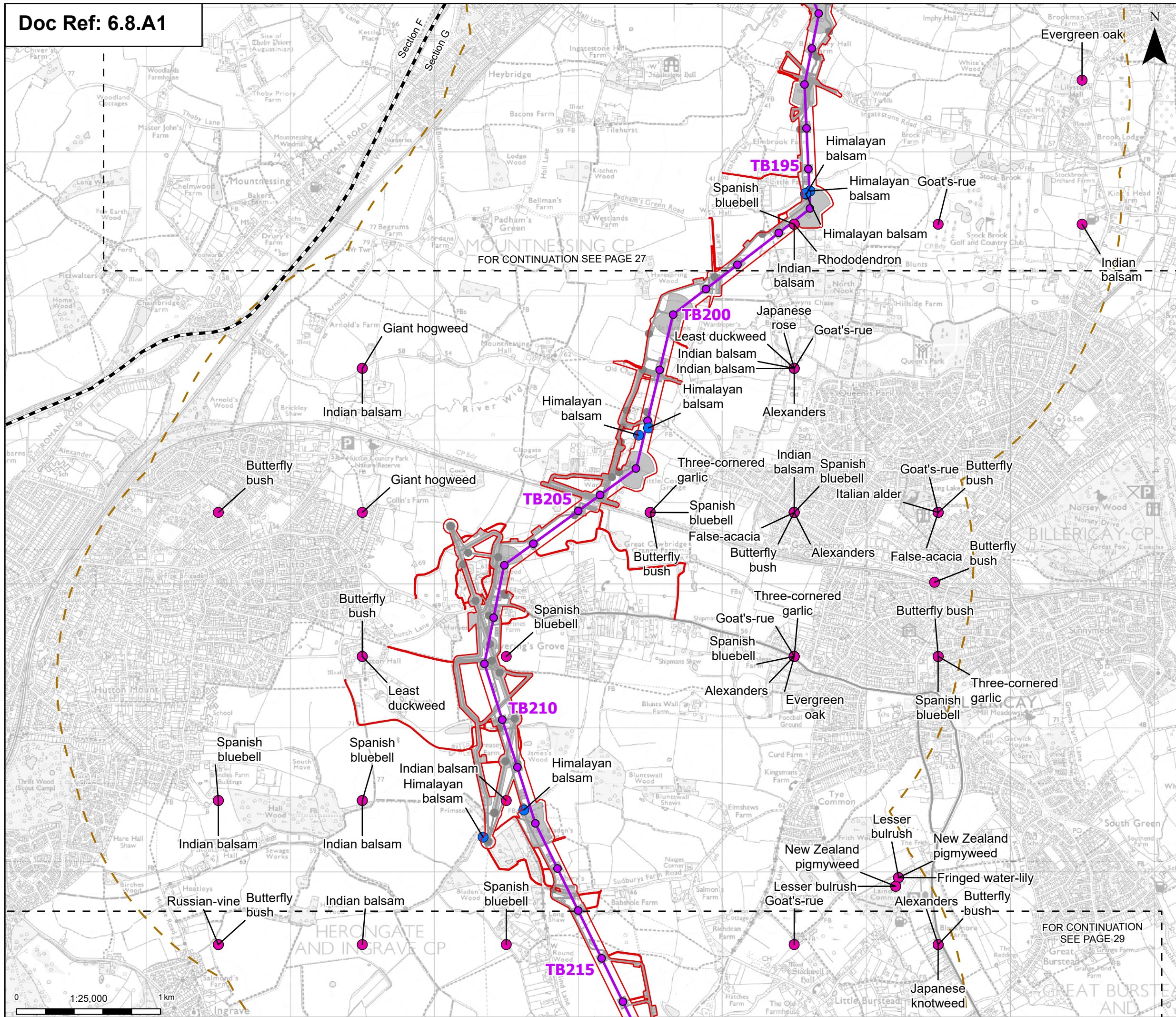
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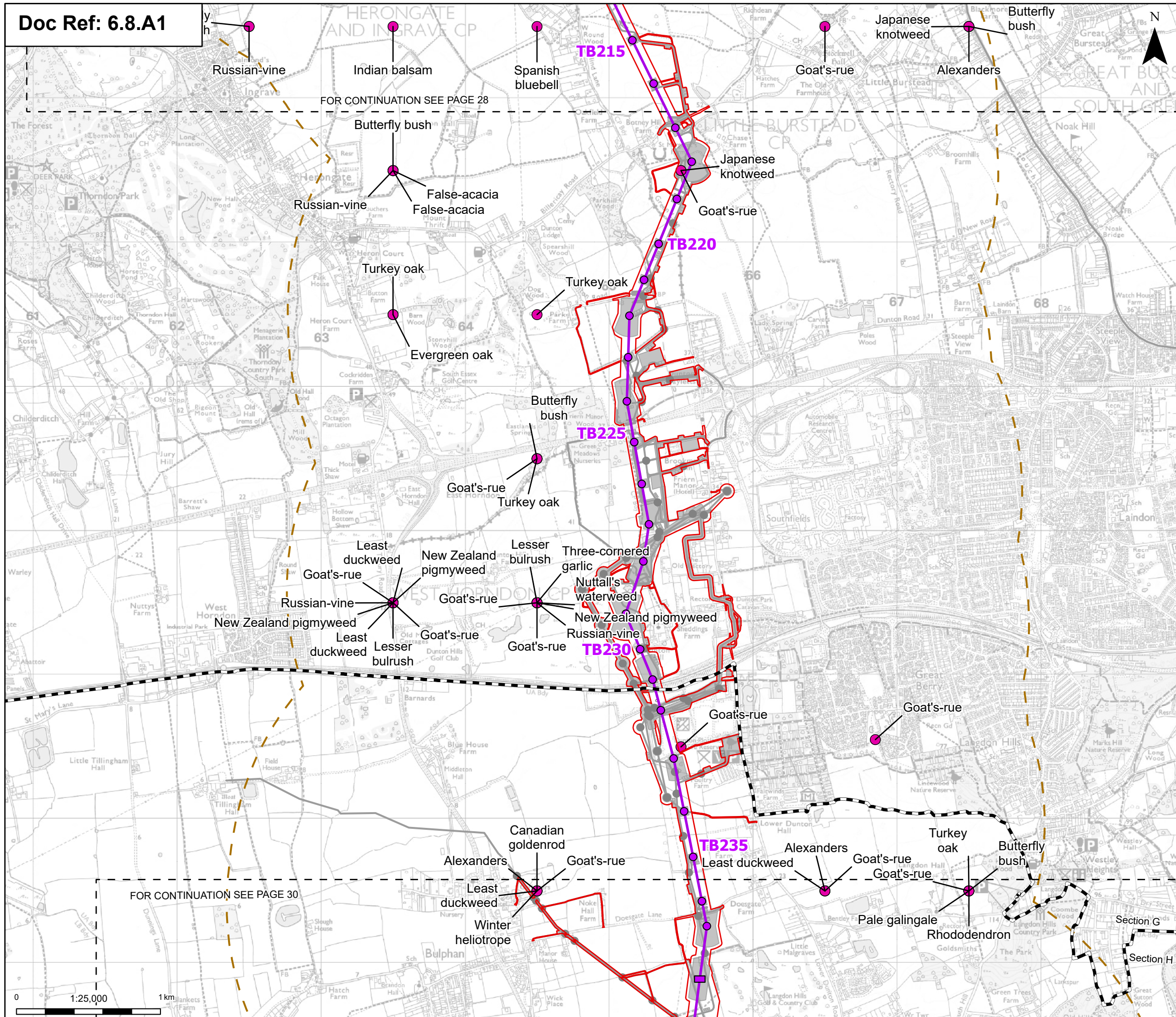
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Order limits

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Proposed project design details

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

Discipline specific constraints

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

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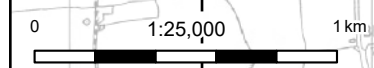
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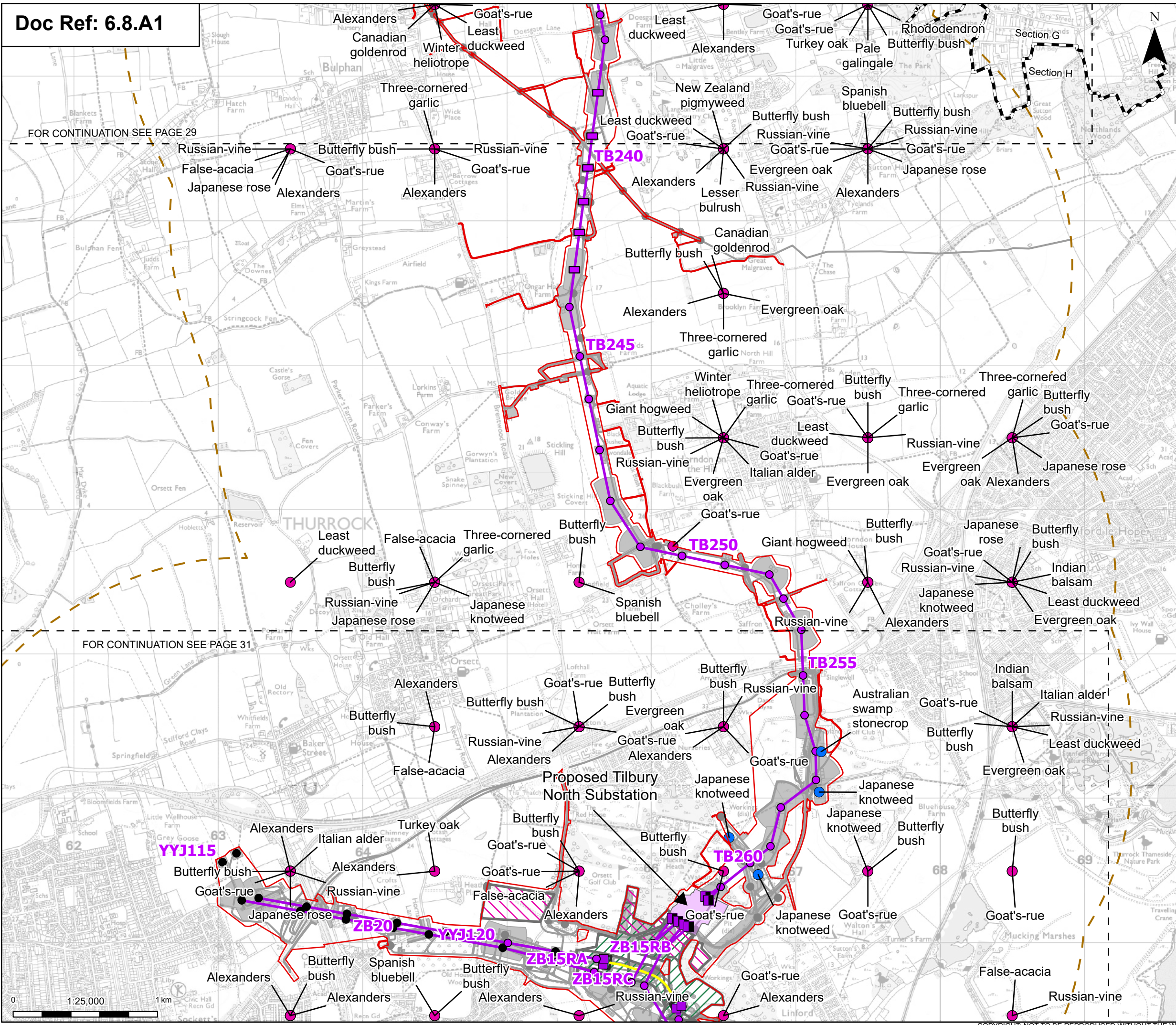
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Order limits

- 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
- Other temporary and permanent construction and operational works

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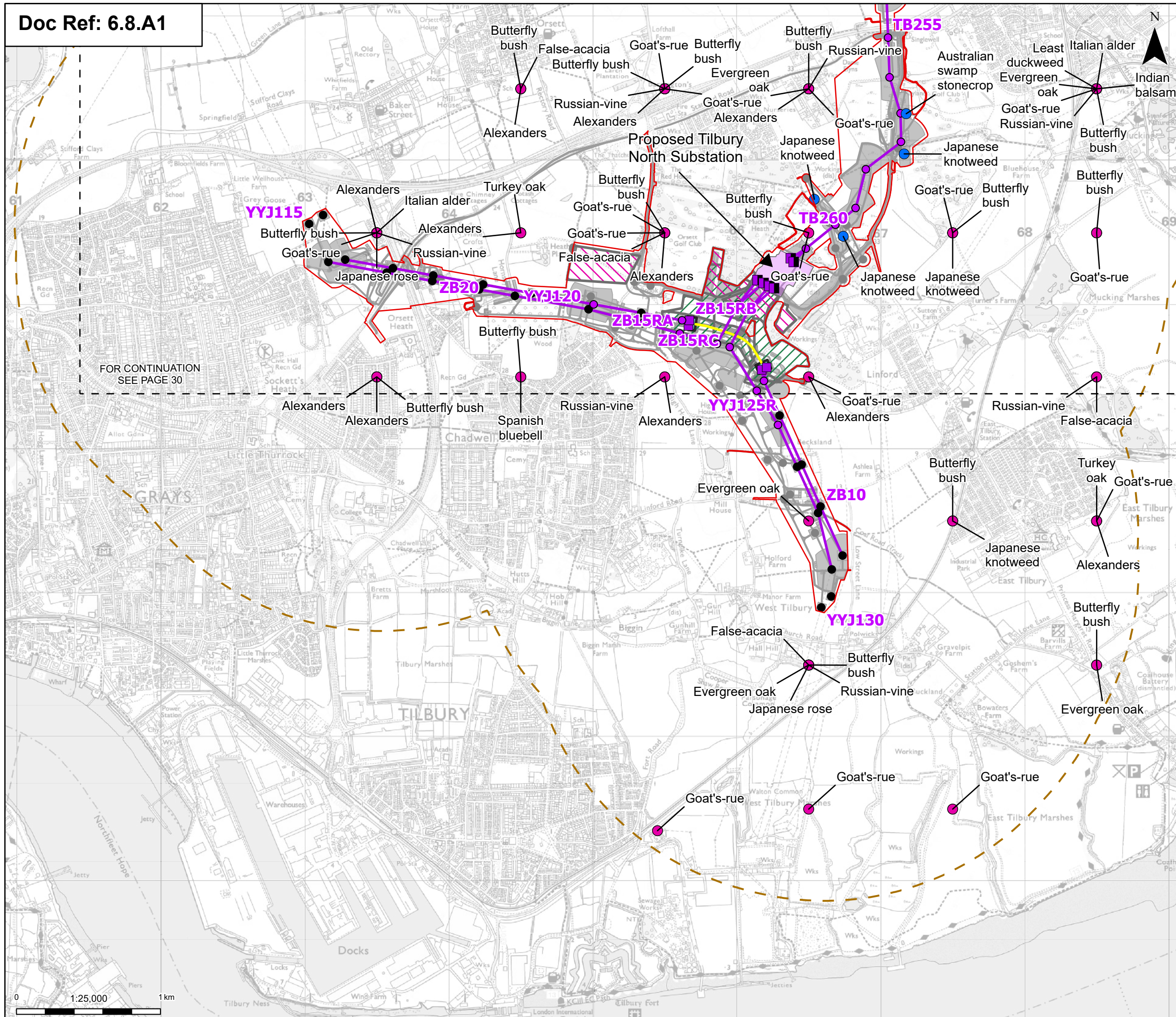
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