

# Norwich to Tilbury

## Volume 6: Environmental Statement

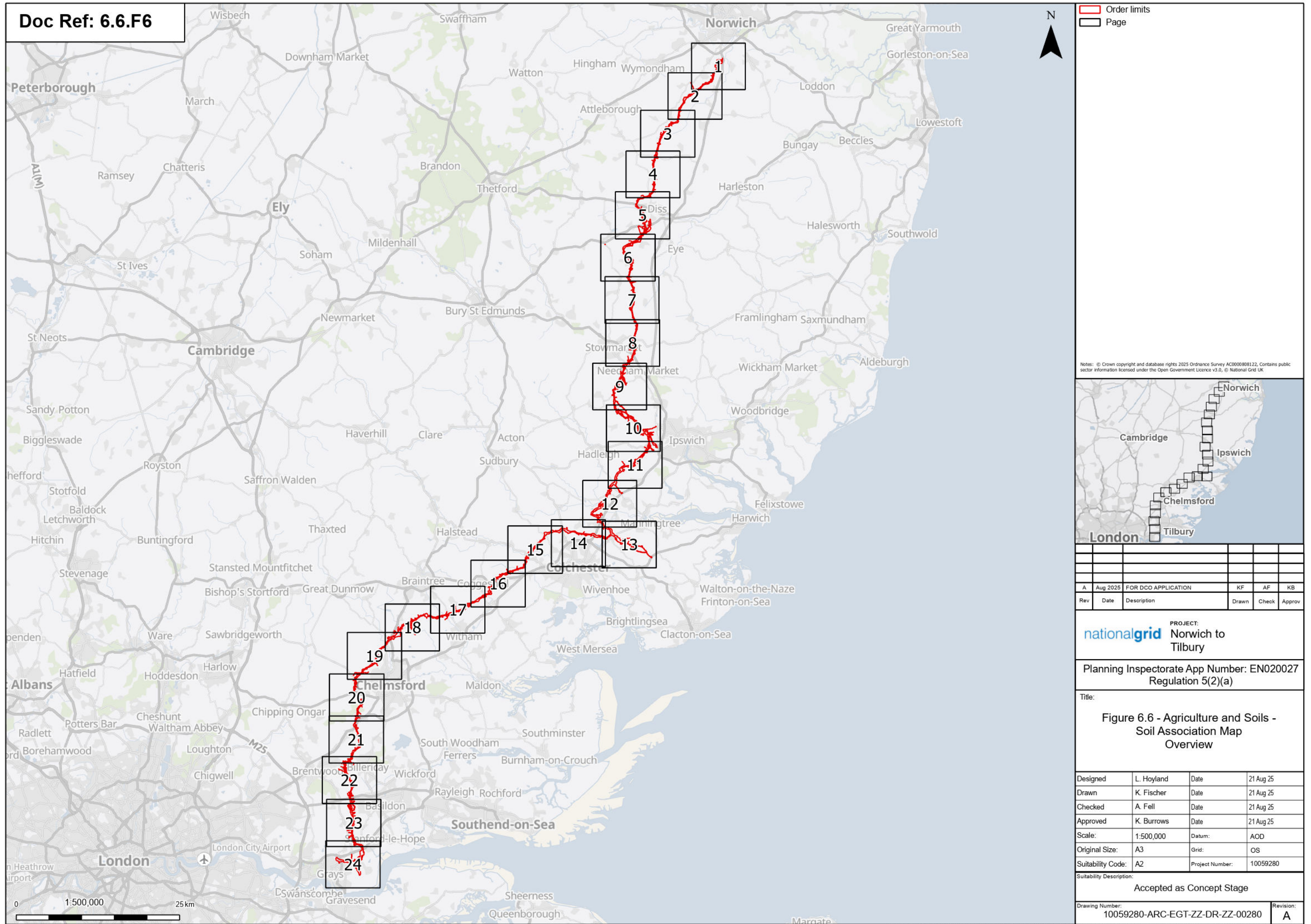
Document: 6.6.F6 Environmental Statement Figure 6.6 - Soil Association Map

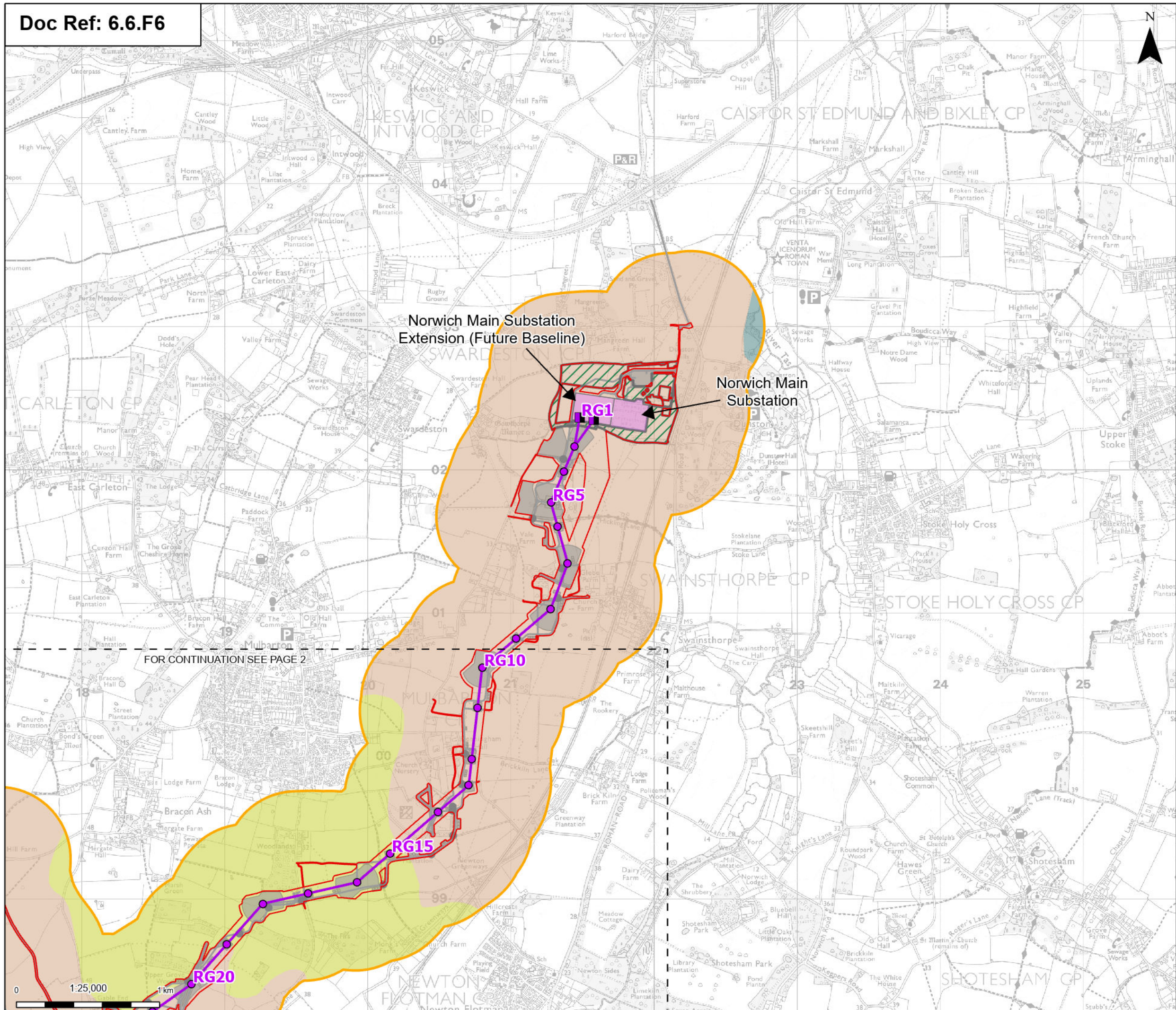
Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

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





**Order limits**

- Order limits
- Sheet index outline

**Proposed project design details**

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

**Discipline specific constraints**

- Study Area

**National Soil Map**

- Beccles 1
- Burlingham 1
- Burlingham 3
- Isleham 2

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



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

**PROJECT:**  
nationalgrid Norwich to Tilbury

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Regulation 5(2)(a)

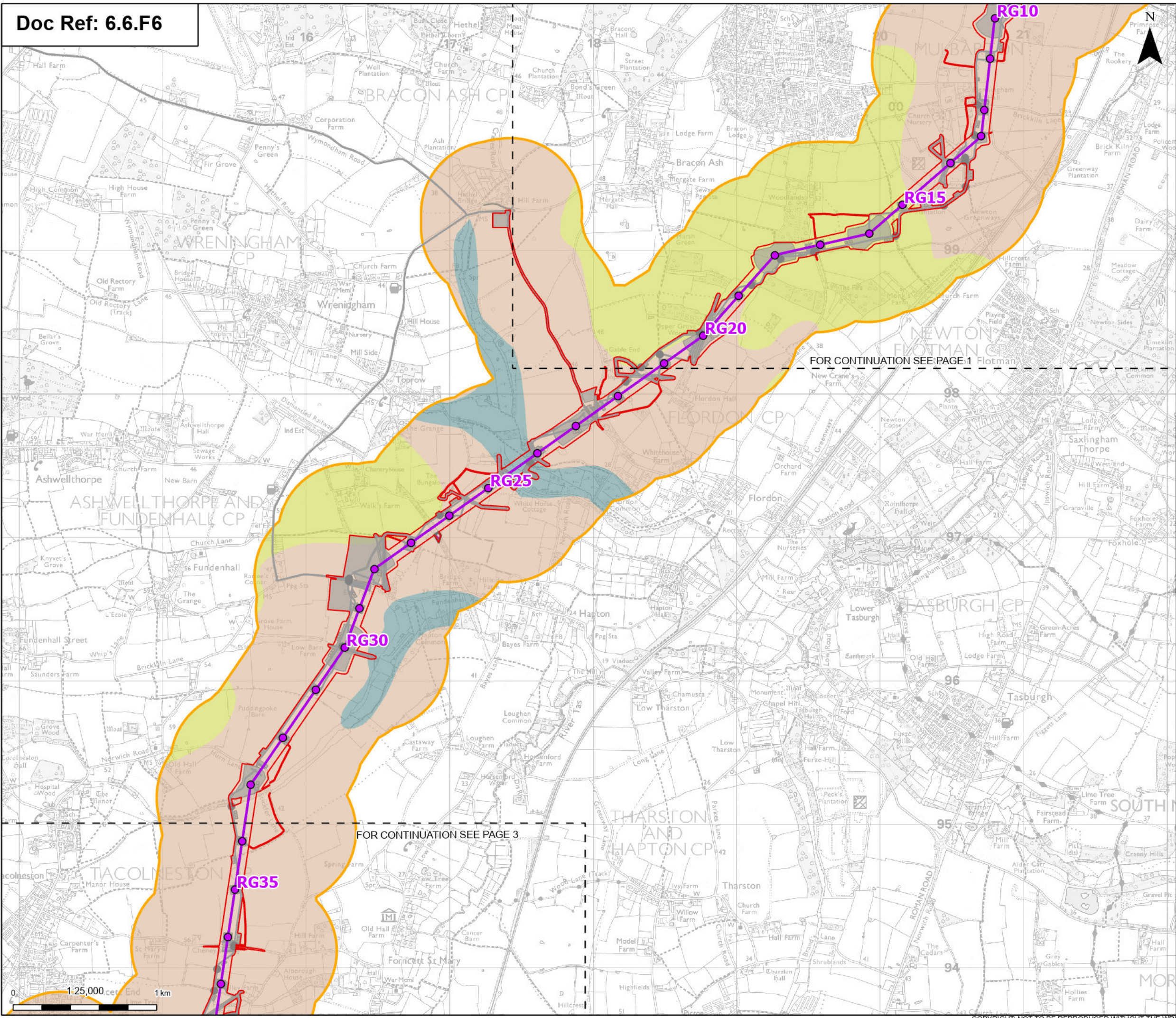
Title:  
Figure 6.6 - Agriculture and Soils -  
Soil Association Map  
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Designed	L. Hoyland	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
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Suitability Description:  
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Drawing Number:  
10059280-ARC-EGT-ZZ-DR-ZZ-00280

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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**

Study Area

National Soil Map

Beccles 1

Burlingham 1

Burlingham 3

Isleham 2

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

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Title:  
  
Figure 6.6 - Agriculture and Soils -  
Soil Association Map  
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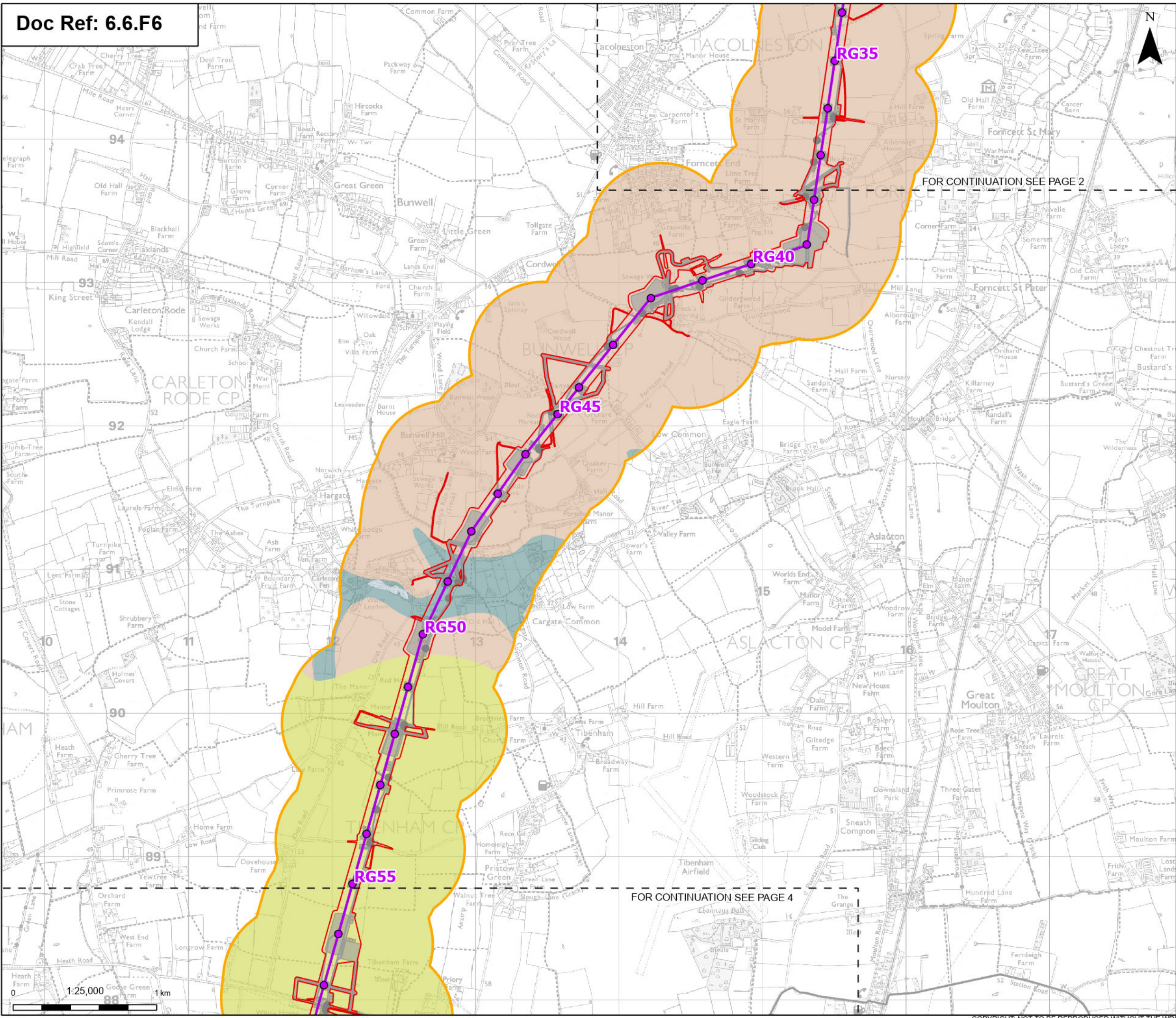
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**Proposed project design details**

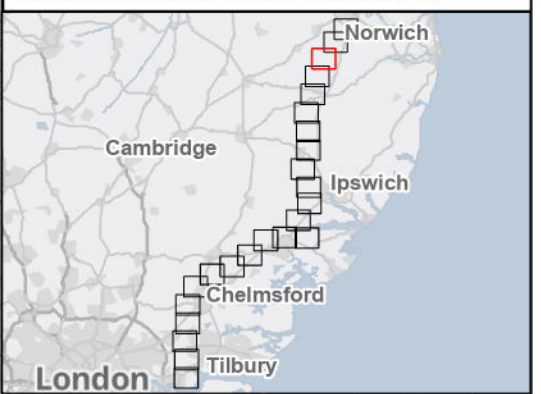
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

**Discipline specific constraints**

- Study Area
- National Soil Map
  - Beccles 1
  - Burlingham 1
  - Isleham 2
  - Lake

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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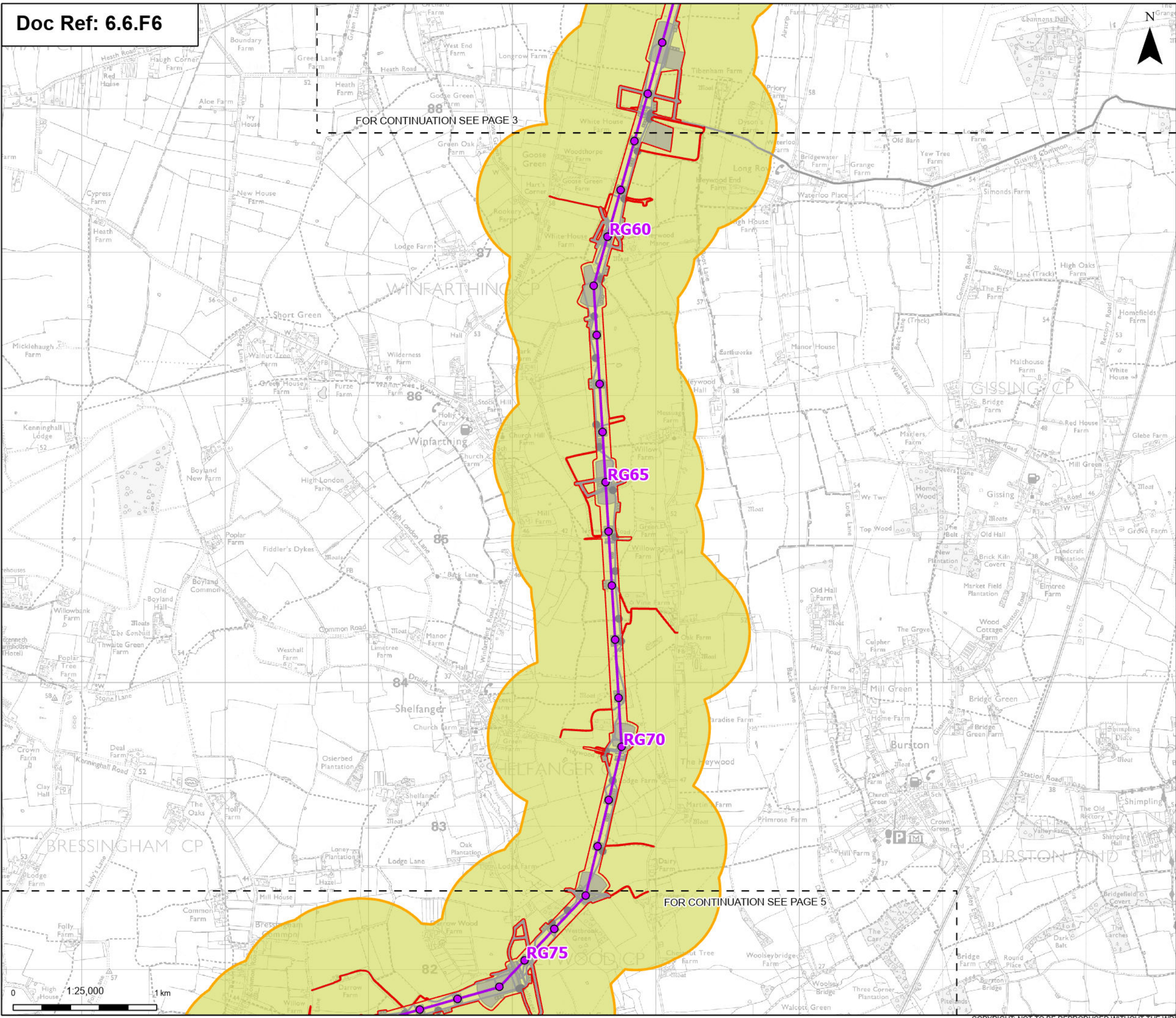
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Proposed project design details

Proposed standard lattice pylon location

Proposed overhead line alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Study Area

National Soil Map

Beccles 1

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

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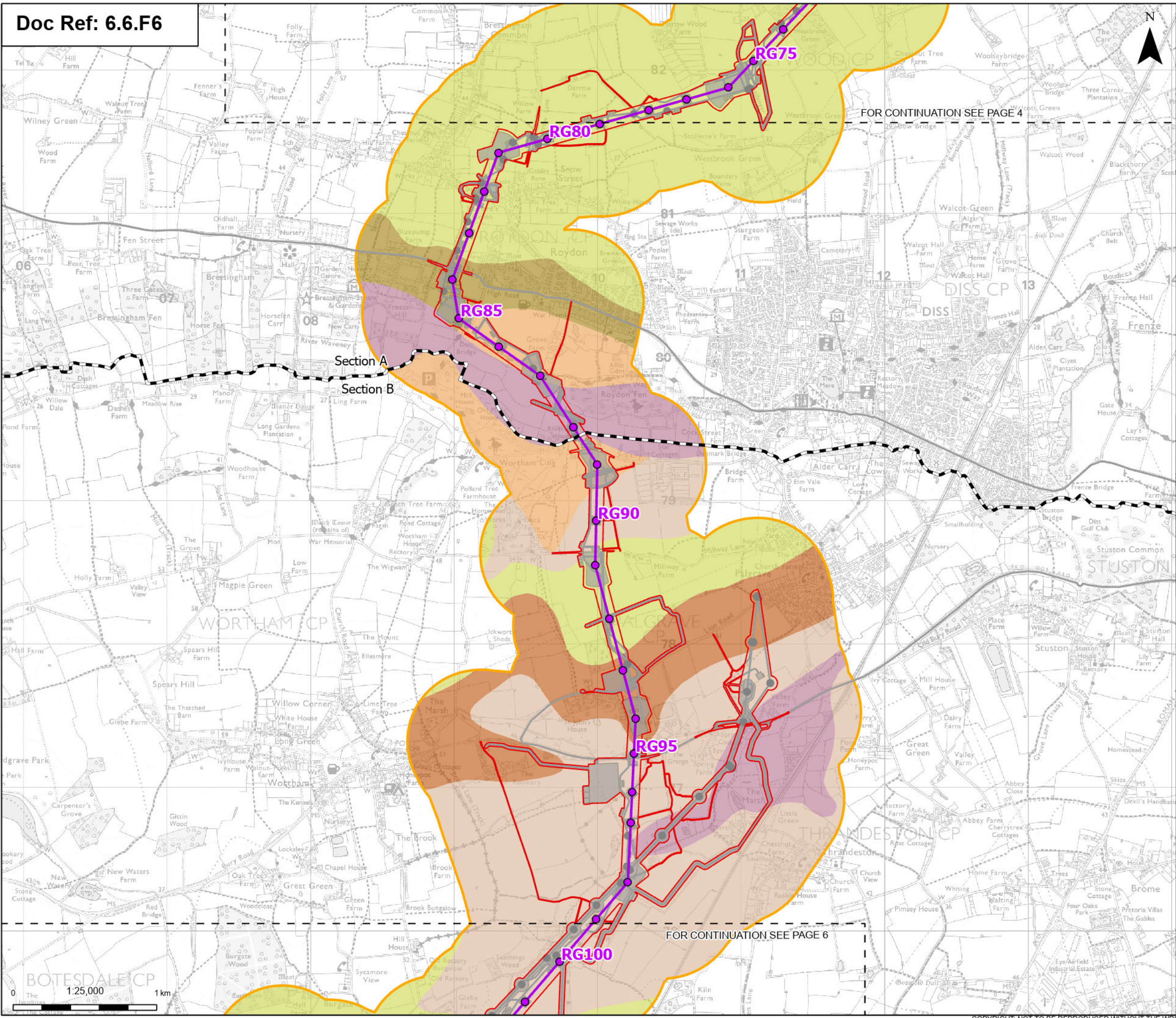
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Soil Association Map  
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Order limits

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**

Study Area

National Soil Map

- Beccles 1
- Burlingham 3
- Hanslope
- Mendham
- Newport 3
- Newport 4
- Ollerton

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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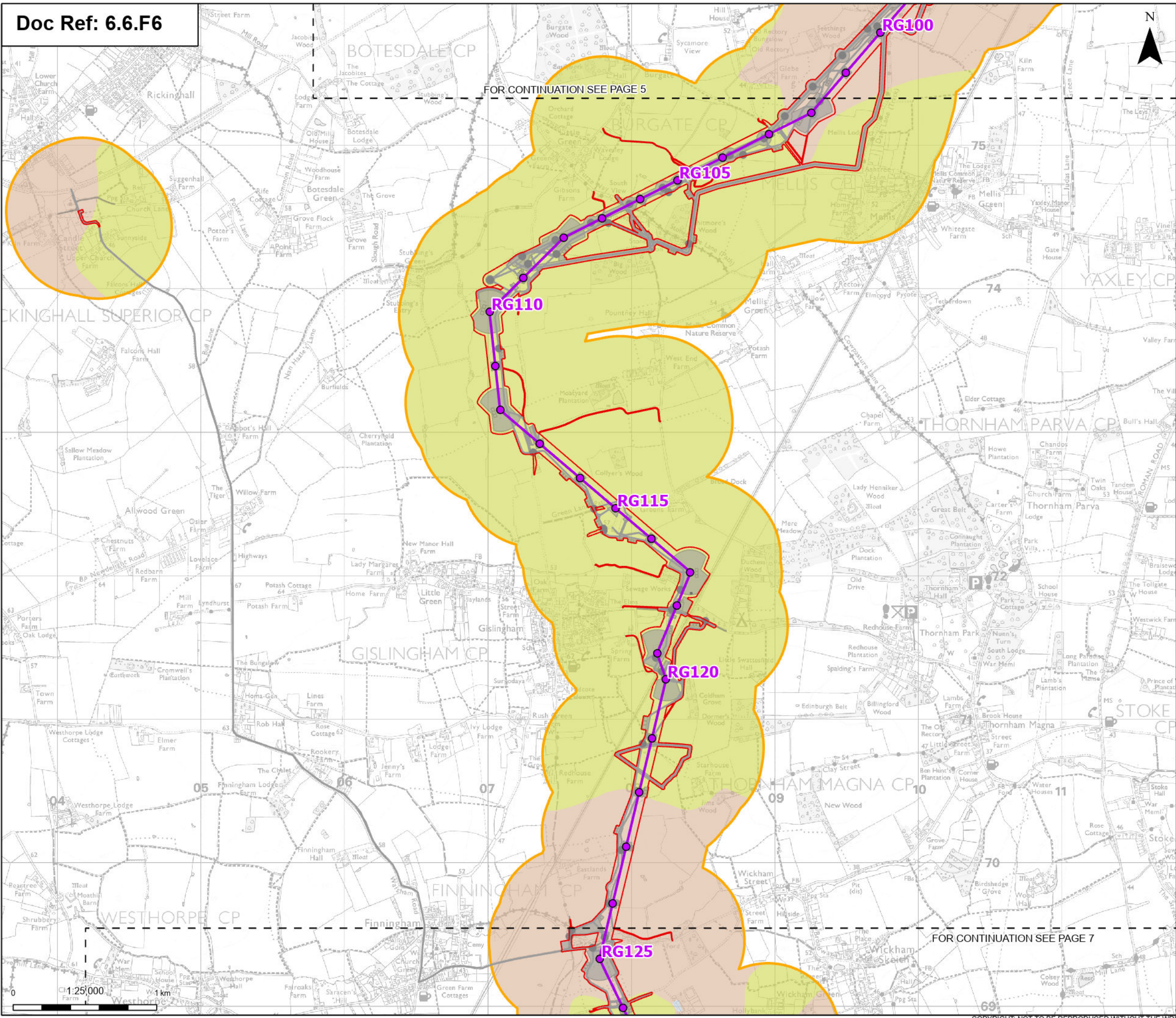
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Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Study Area

National Soil Map

Ashley

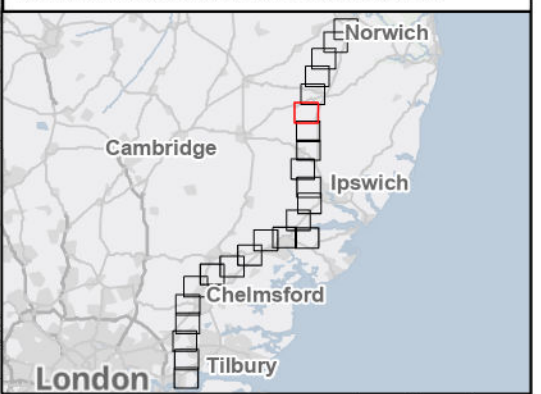
Beccles 1

Burlingham 3

Lake

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

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Title:  
  
Figure 6.6 - Agriculture and Soils -  
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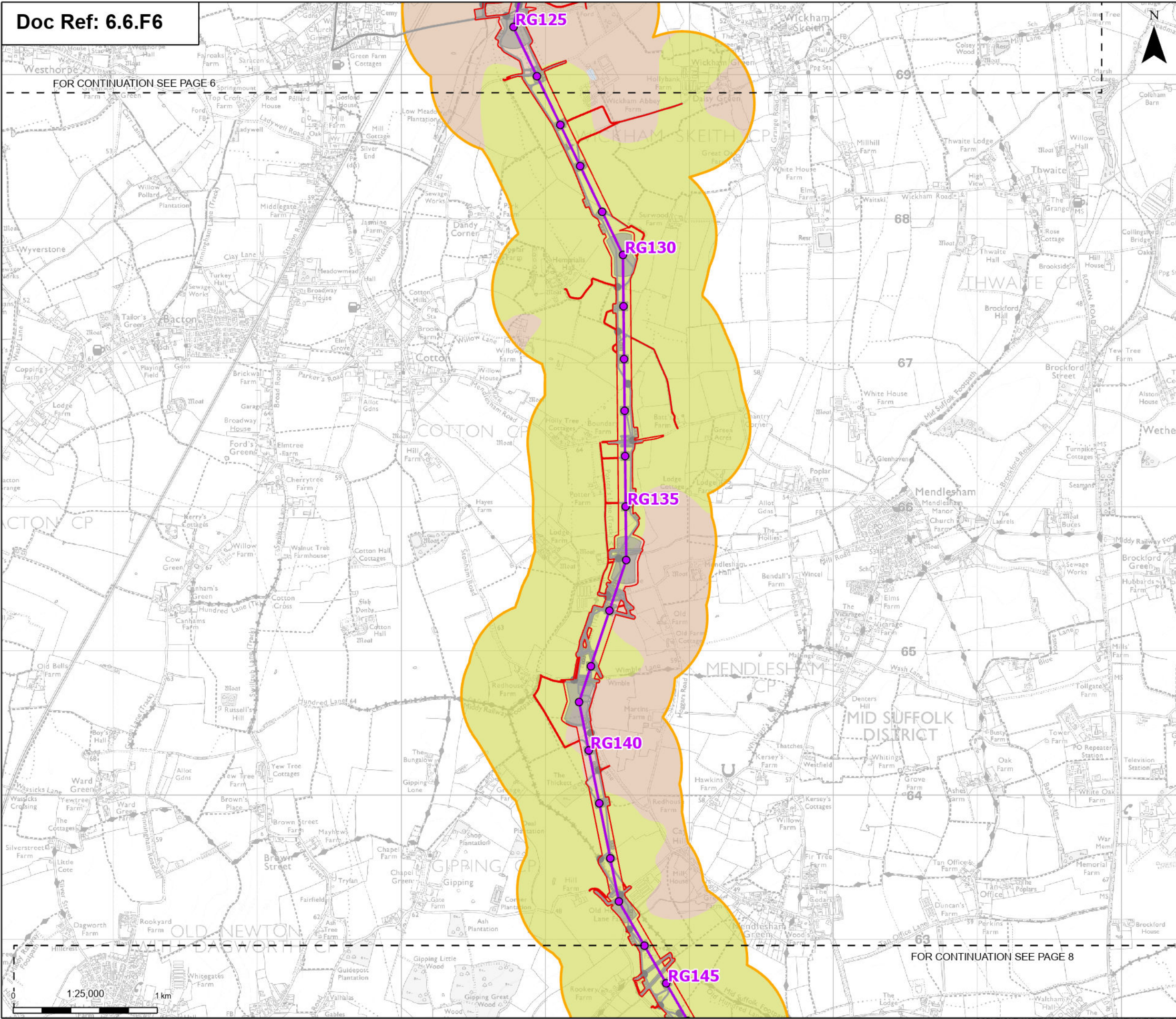
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**Proposed project design details**

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

**Discipline specific constraints**

- Study Area

**National Soil Map**

- Ashley
- Beccles 1
- Lake

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 6.6 - Agriculture and Soils -  
Soil Association Map  
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Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Study Area

National Soil Map

Beccles 1

Beccles 3

Hanslope

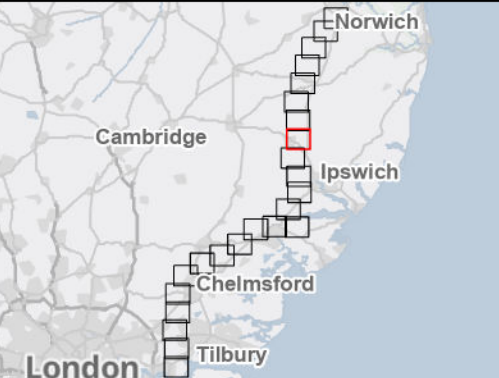
Ludford

Midleney

Swaffham prior

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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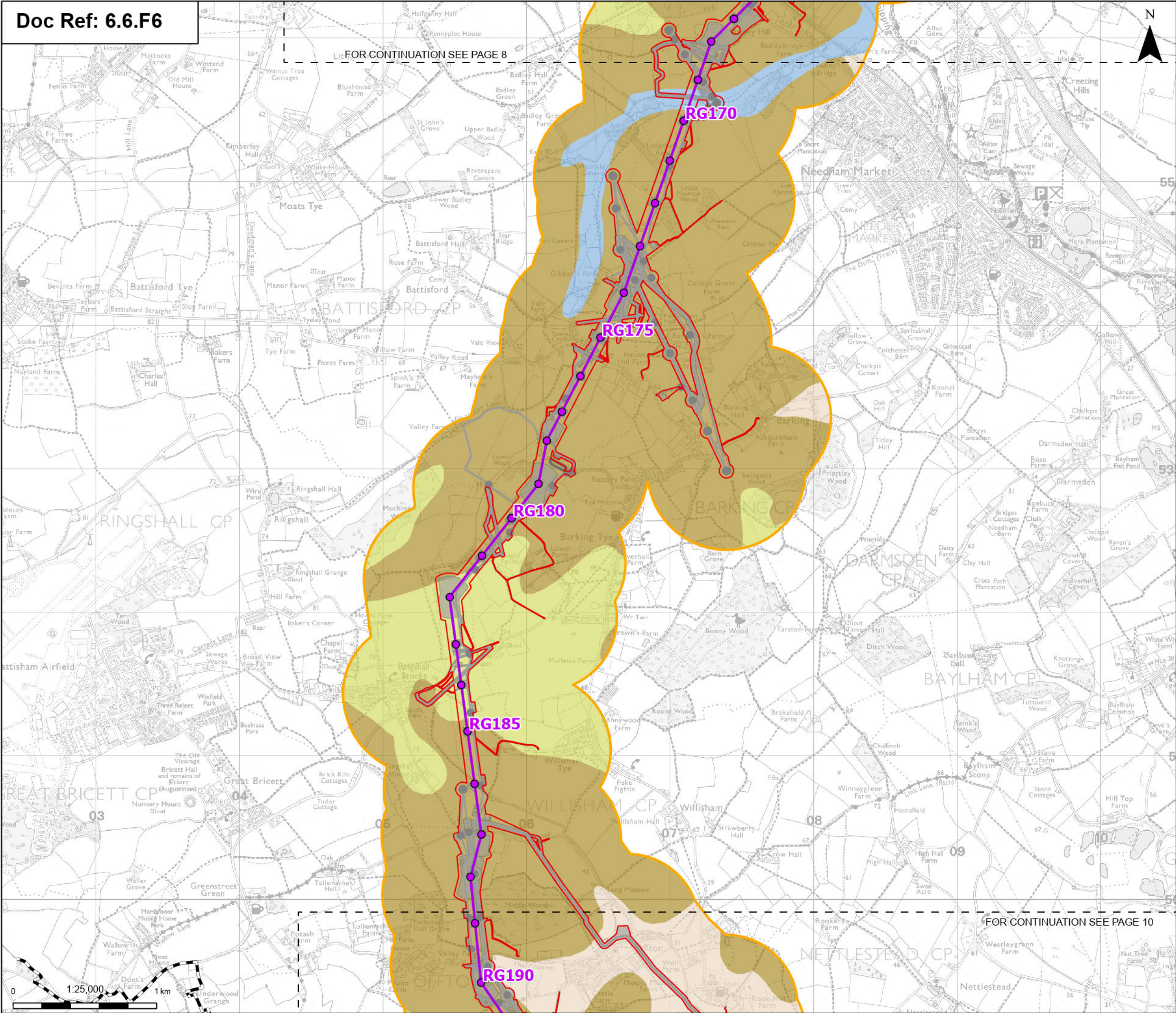
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Order limits

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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

Study Area

National Soil Map

Beccles 3

Hanslope

Ludford

Midelsey

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

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Title:  
Figure 6.6 - Agriculture and Soils -  
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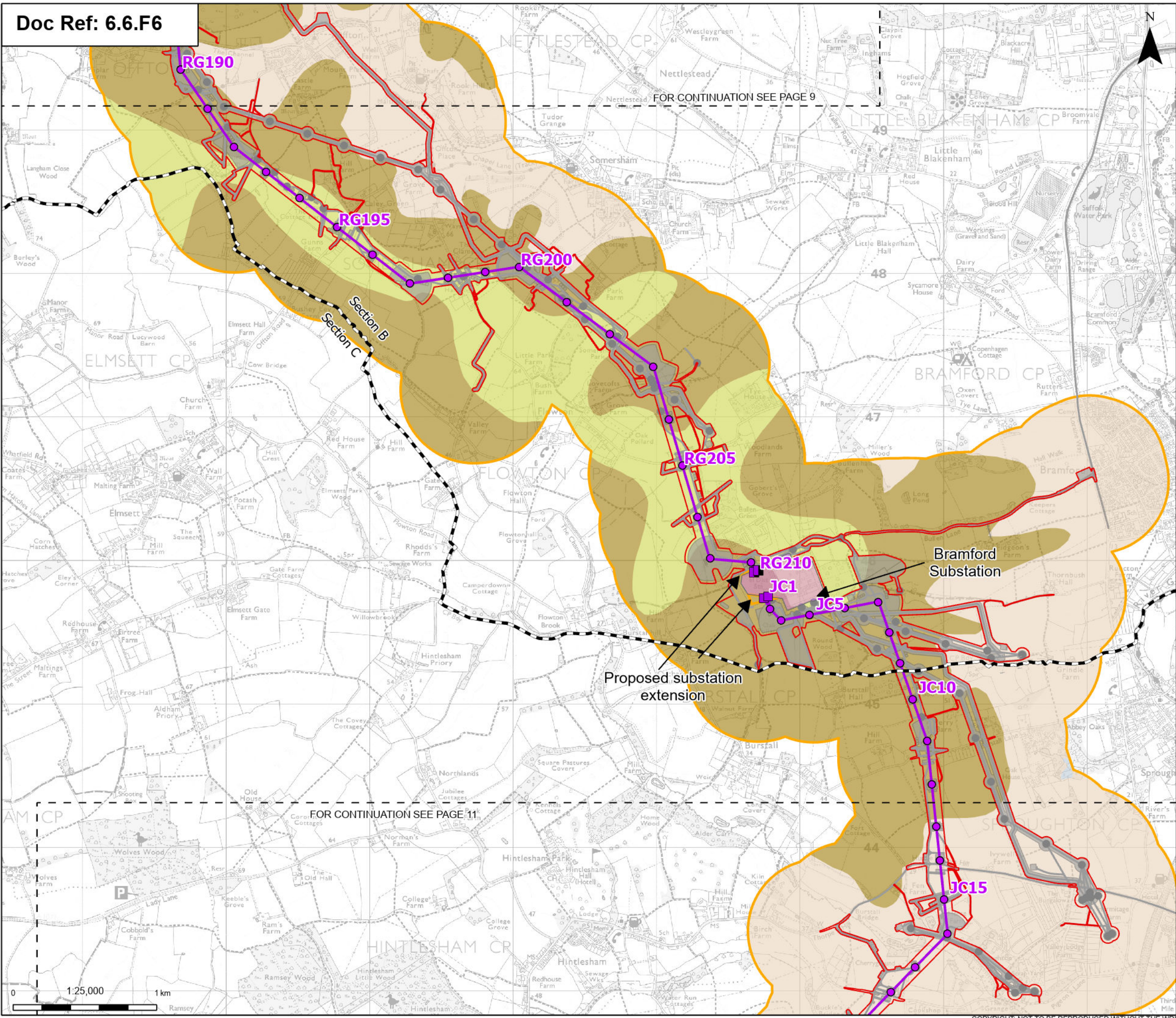
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Sheet index cutline

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**

- Study Area

National Soil Map

- Beccles 3
- Hanslope
- Lake
- Ludford
- Middelney

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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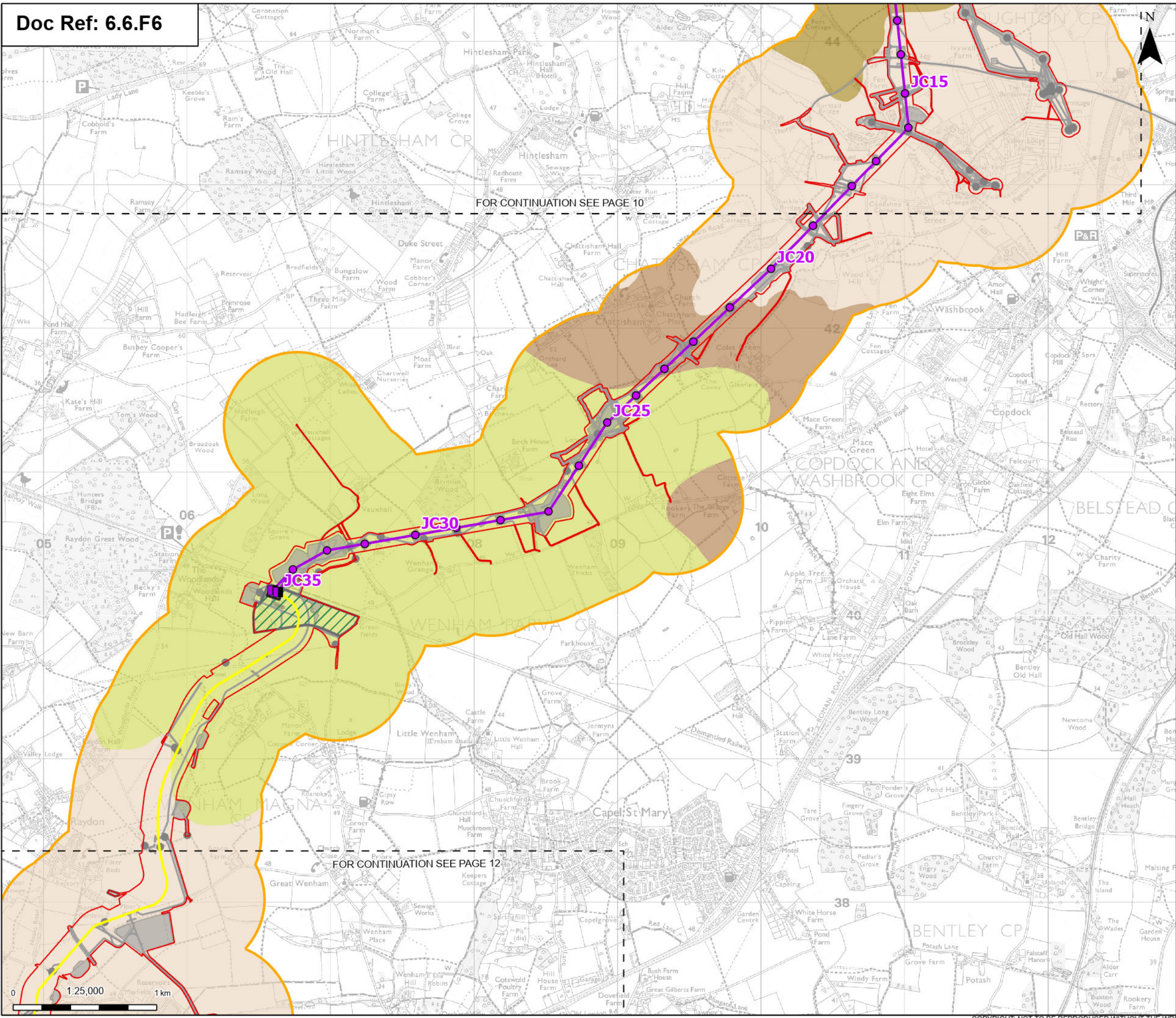
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Suitability Description:  
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Drawing Number: 10059280-ARC-EGT-ZZ-DR-ZZ-00280	Revision: A
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**Proposed project design details**

- 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

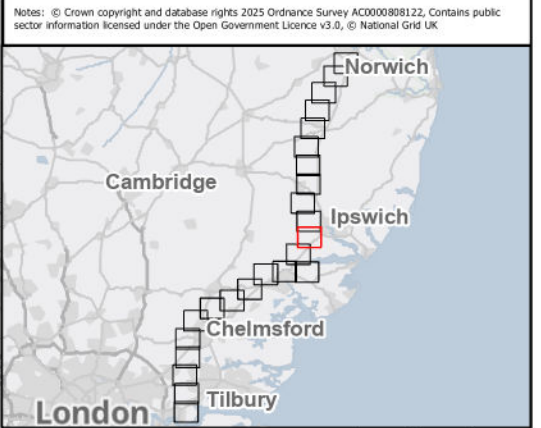
**Discipline specific constraints**

**Study Area**

**National Soil Map**

- Beccles 3
- Hanslope
- Hornbeam 3
- Ludford
- Melford

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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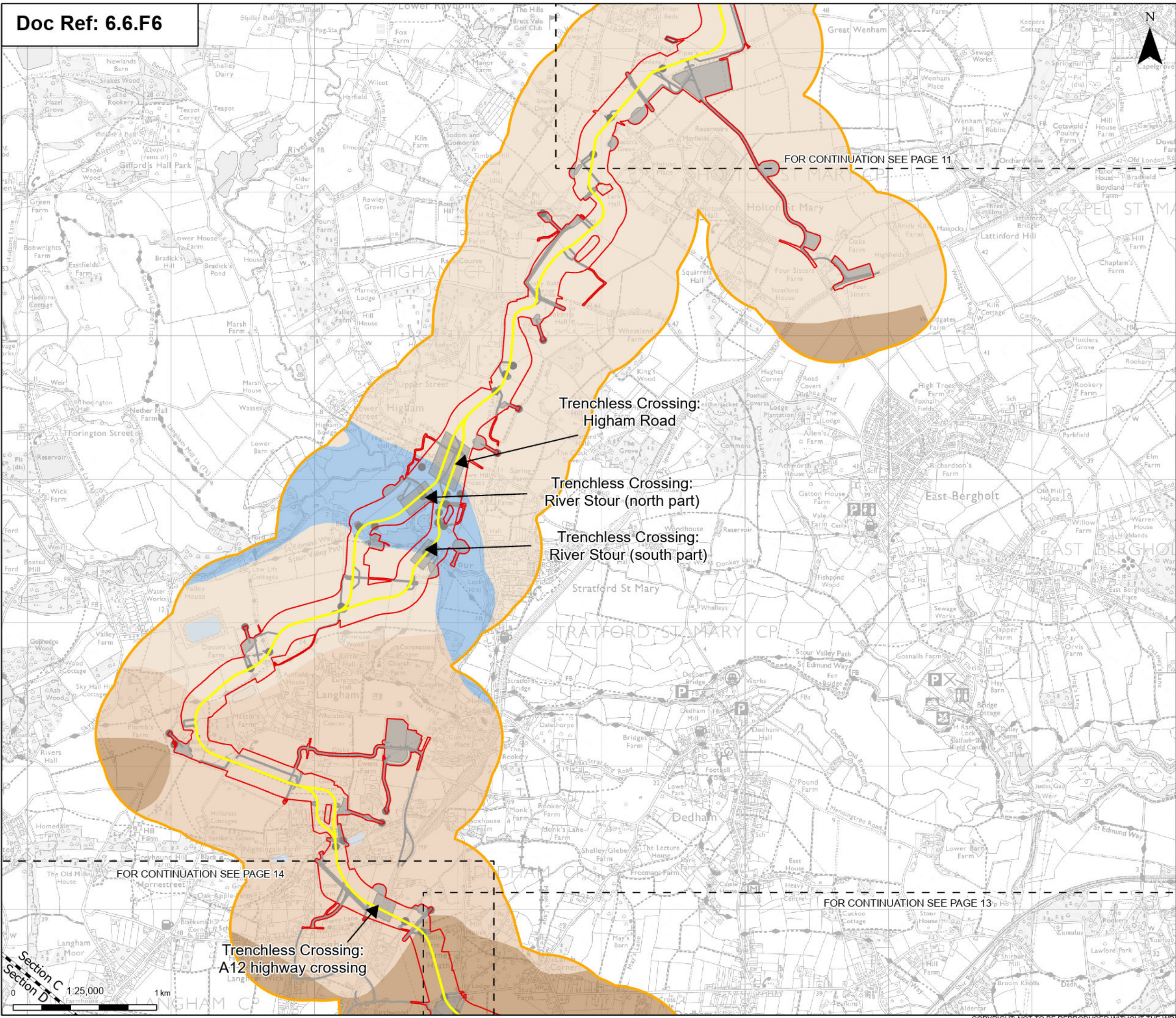
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**Project section line**

**Proposed project design details**

- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

**Discipline specific constraints**

**Study Area**

**National Soil Map**

- Fladbury 1
- Lake
- Ludford
- Melford
- Tending
- Wix

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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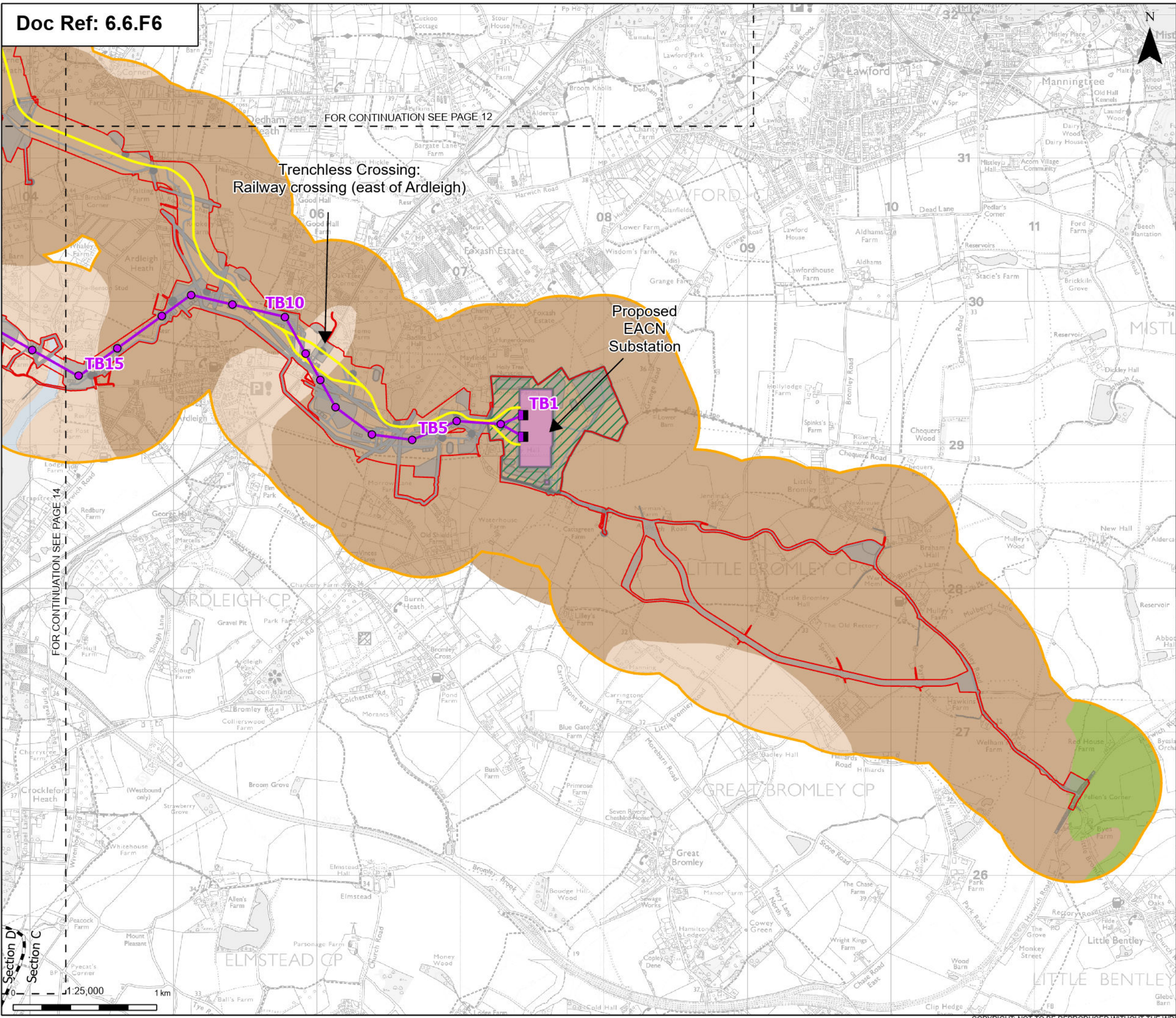
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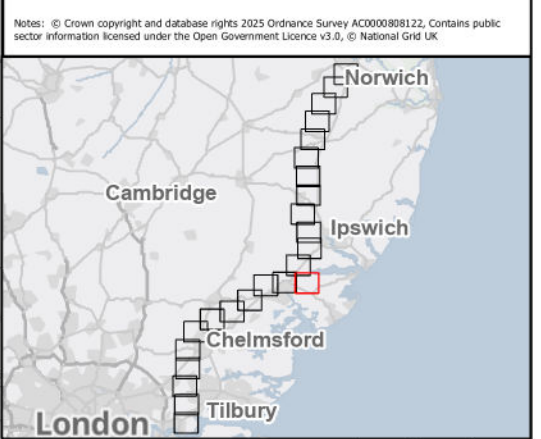
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed DNO Substation
- Proposed East Anglia Connection Node (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

**Discipline specific constraints**

- Study Area
- National Soil Map
- Lake
- Tending
- Windsor
- Wix

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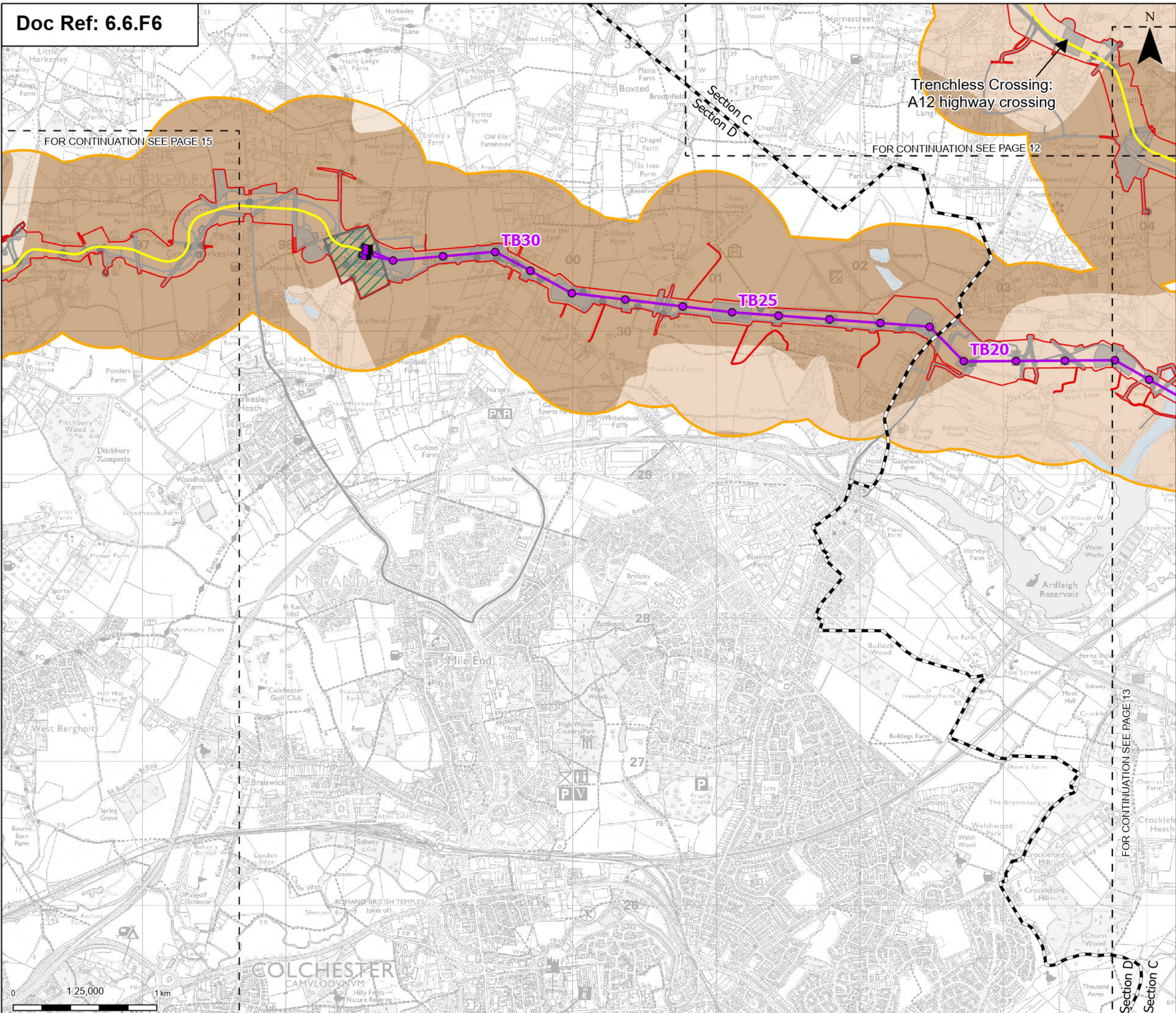
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Proposed project design details

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

Study Area

National Soil Map

Hornbeam 3

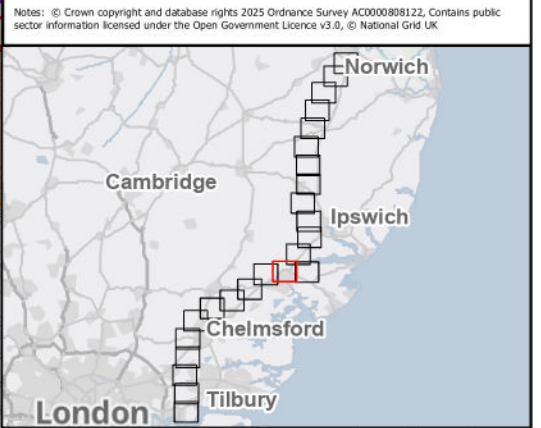
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Ludford

Tendring

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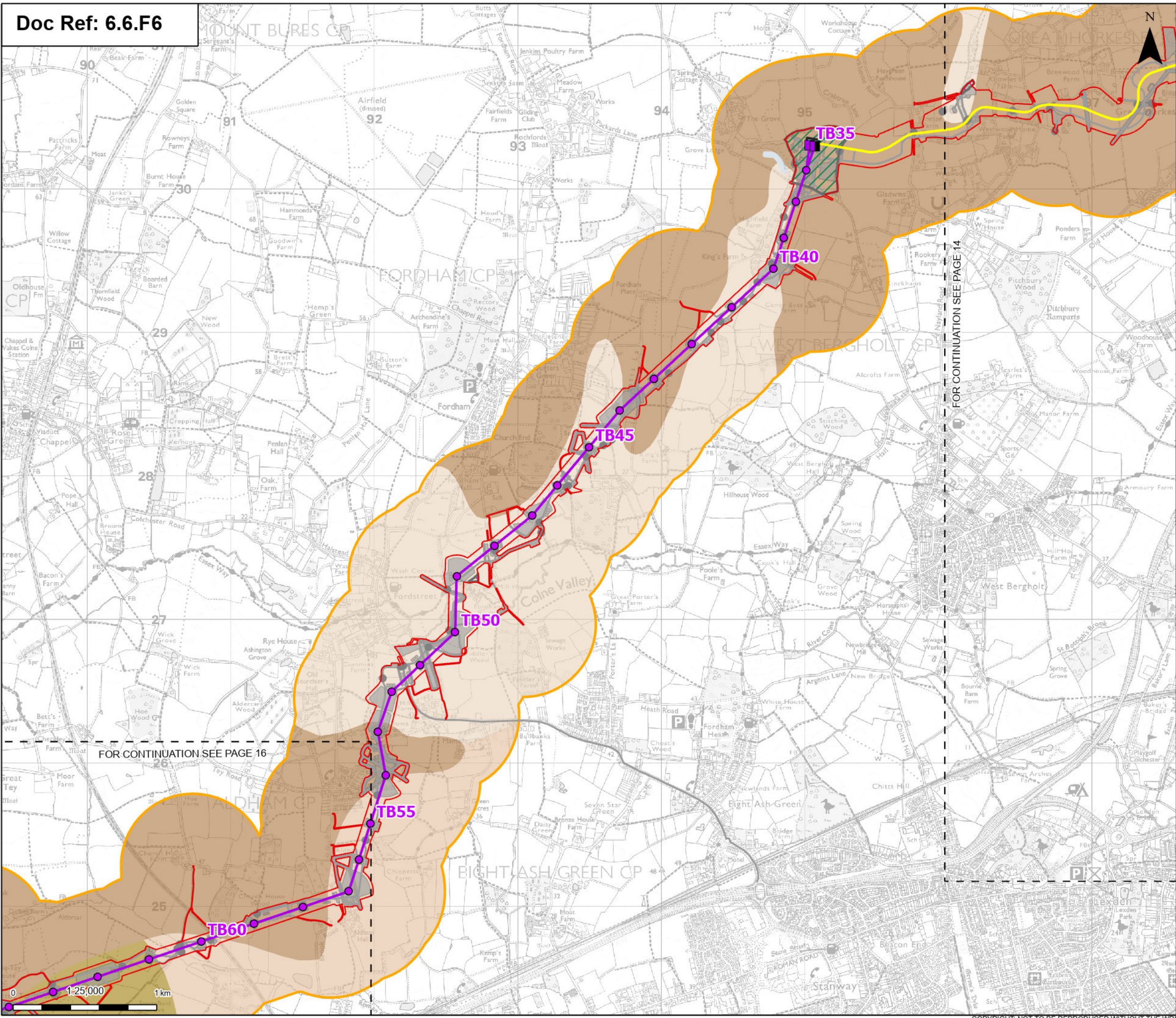
Accepted as Concept Stage

Drawing Number:

10059280-ARC-EGT-ZZ-DR-ZZ-00280

Revision:

A



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

Study Area

National Soil Map

Hanslope

Hornbeam 3

Lake

Ludford

Tending

Wix

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)

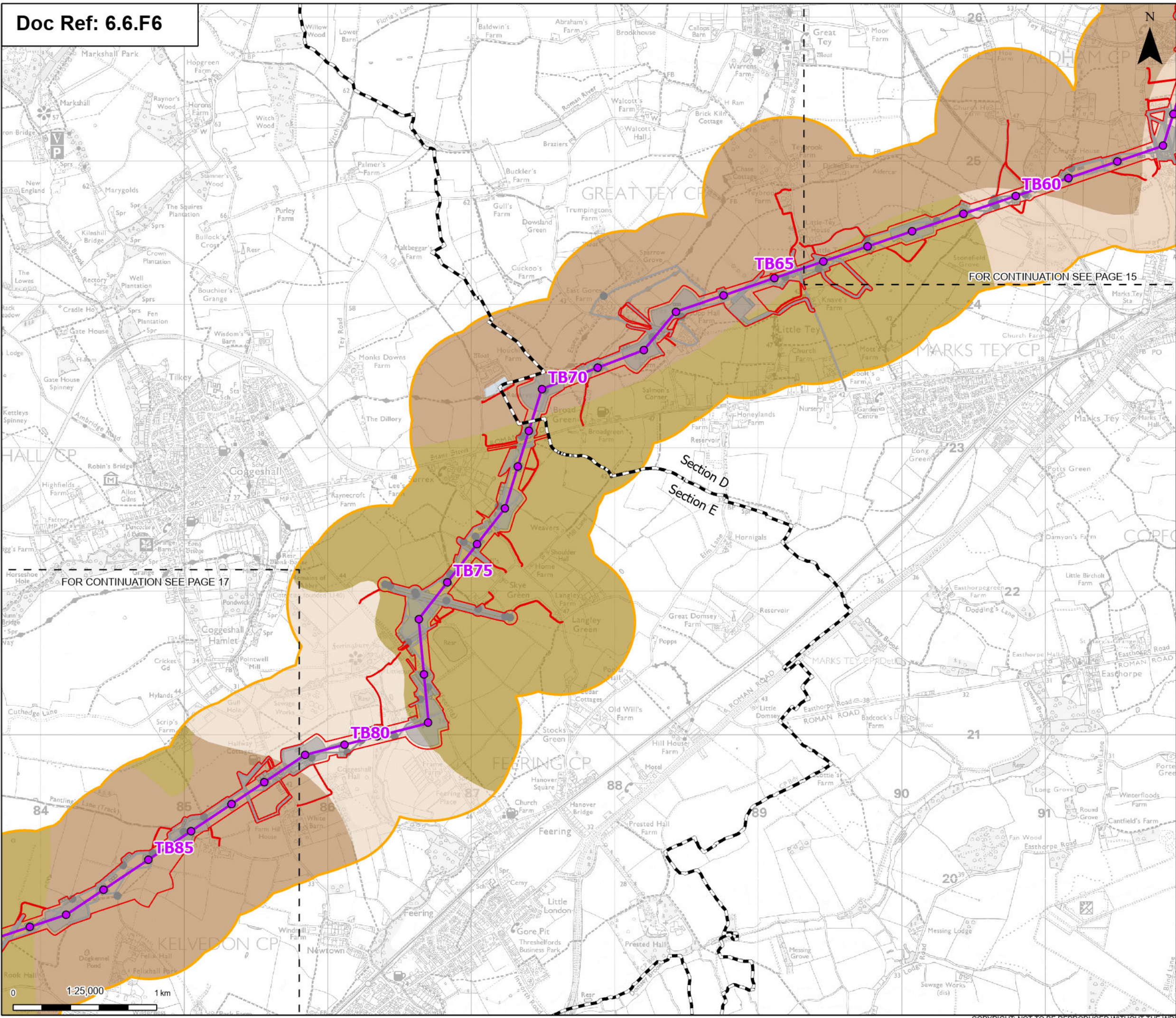
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Figure 6.6 - Agriculture and Soils -  
Soil Association Map  
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Designed	L. Hoyland	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:  
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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**

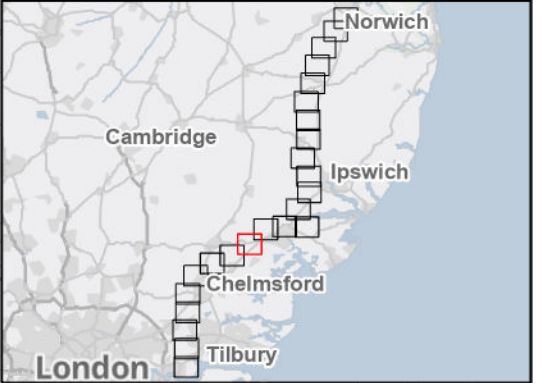
**Study Area**

**National Soil Map**

- Efford 1
- Hanslope
- Hornbeam 3
- Lake
- Ludford
- Wix

**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

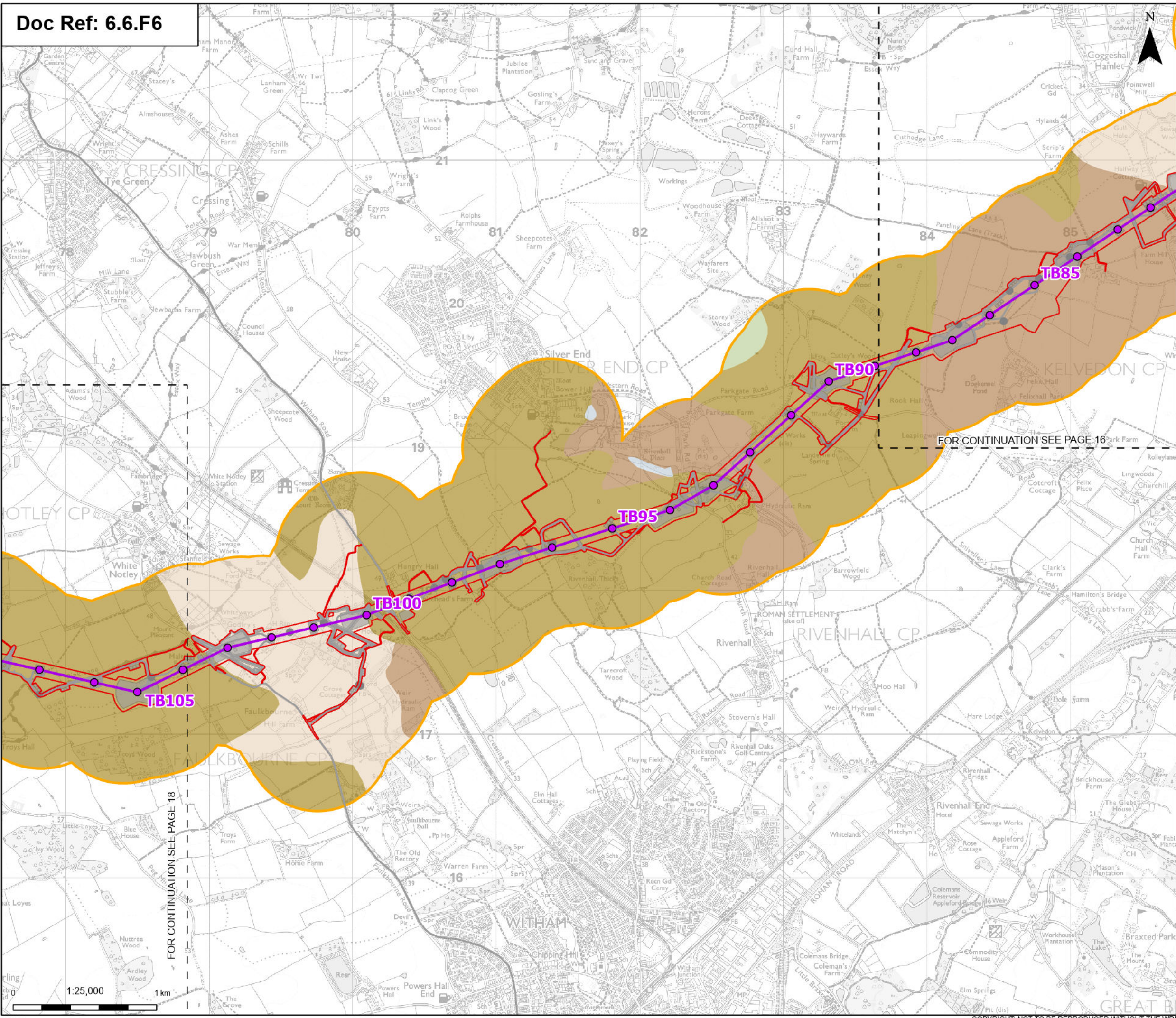
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**Title:**  
Figure 6.6 - Agriculture and Soils -  
Soil Association Map  
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**Suitability Description:**  
Accepted as Concept Stage

Drawing Number:	10059280-ARC-EGT-ZZ-DR-ZZ-00280	Revision:	A
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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**

- Study Area

**National Soil Map**

- Hamble 2
- Hanslope
- Hornbeam 3
- Lake
- Ludford
- Oak 2

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

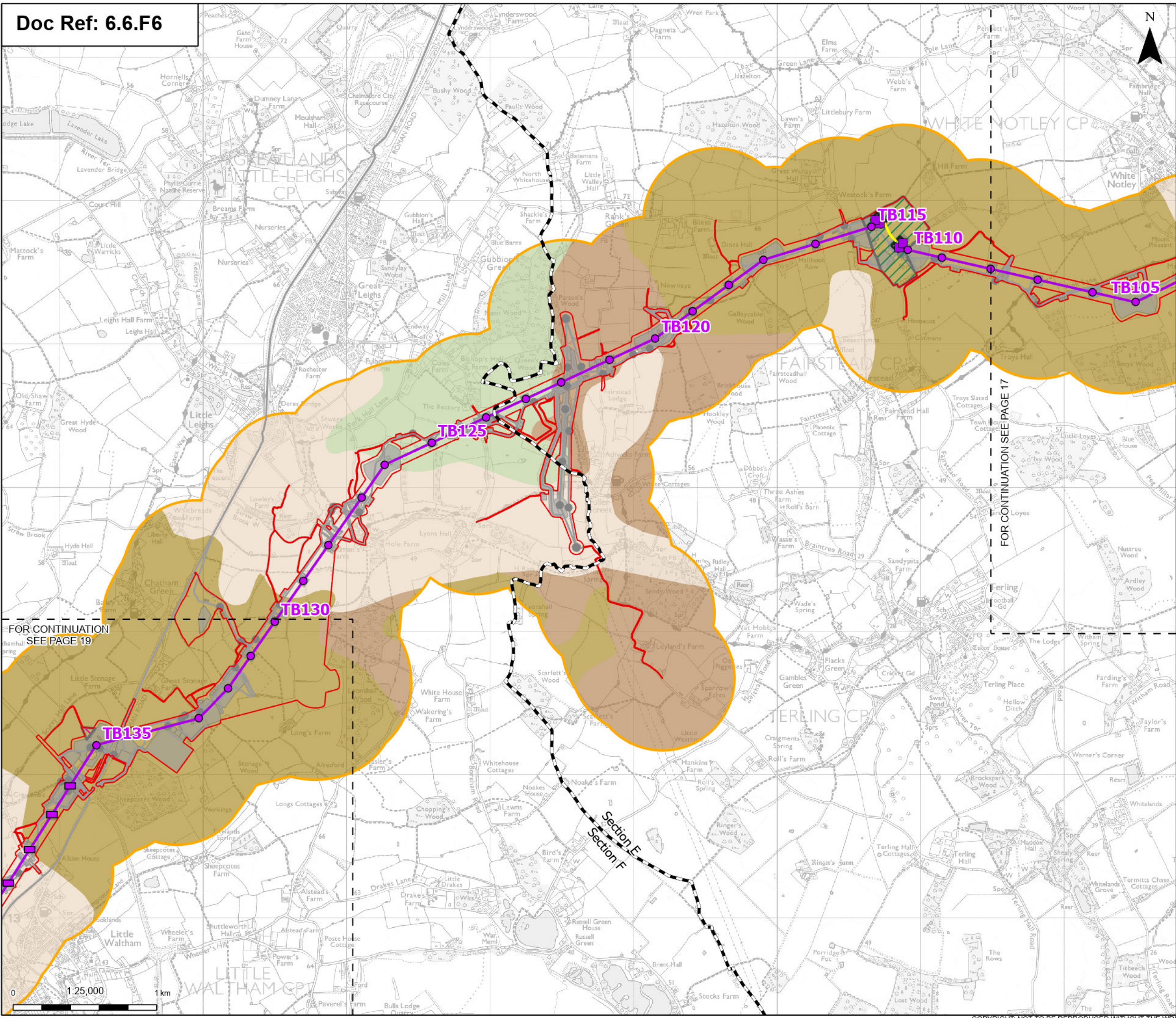
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**Figure 6.6 - Agriculture and Soils - Soil Association Map**  
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Suitability Description:  
Accepted as Concept Stage

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Order limits

Sheet index outline

Project section line

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

Study Area

National Soil Map

Hamble 2

Hanslope

Hornbeam 3

Ludford

Oak 2

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

PROJECT:  
Norwich to  
Tilbury

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

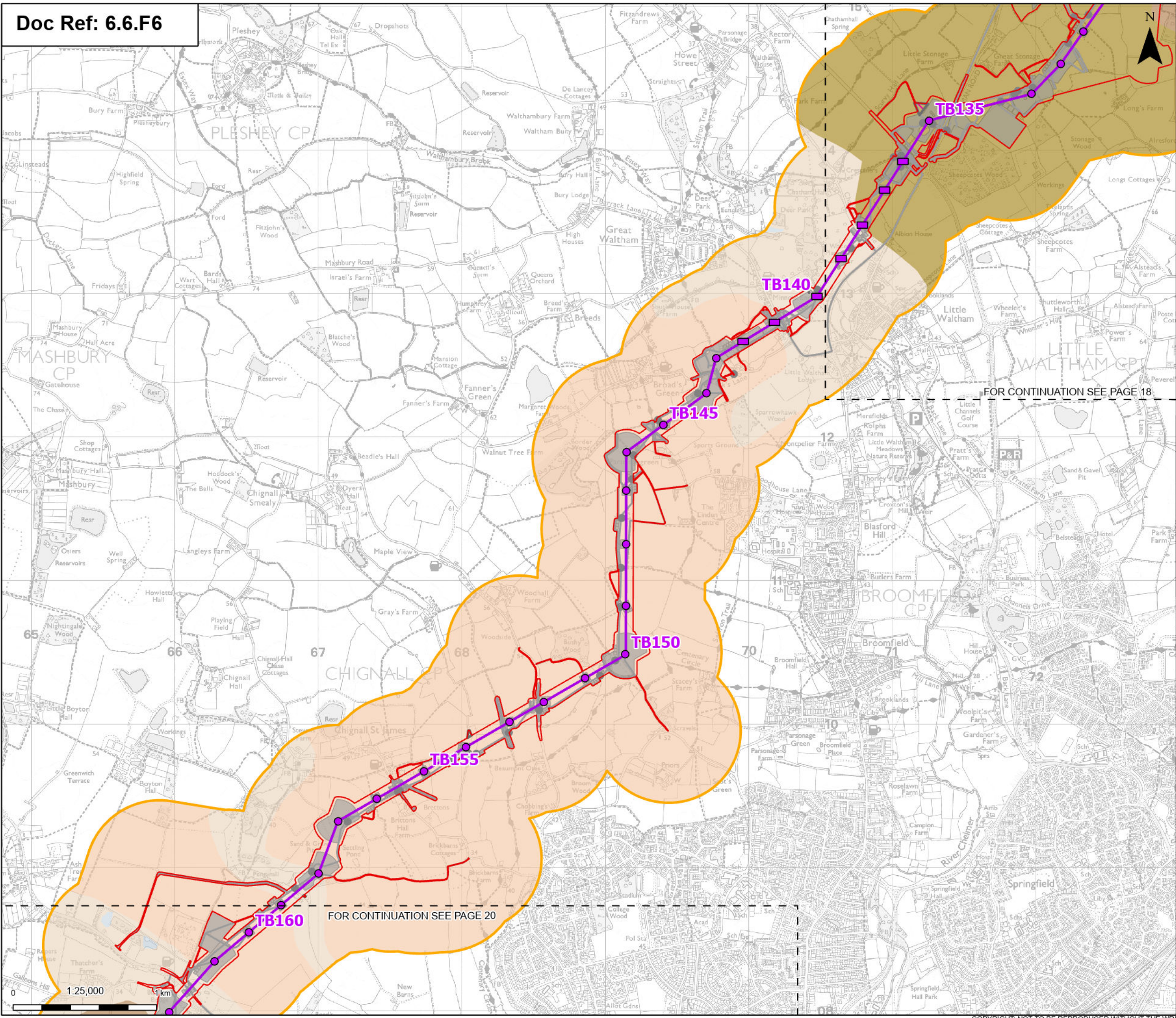
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Soil Association Map  
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

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**Order limits**

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**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**

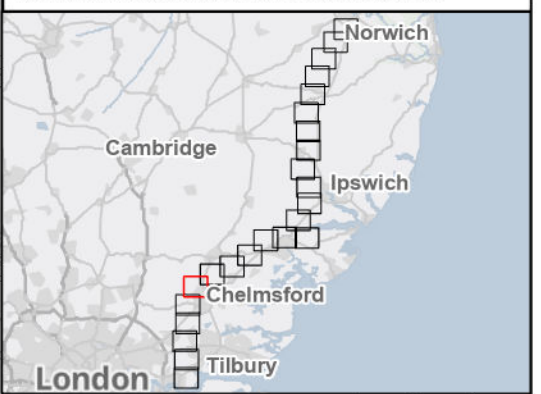
**Study Area**

**National Soil Map**

- Hamble 2
- Hanslope
- Hornbeam 3
- Lake
- Ludford
- Stretham

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)

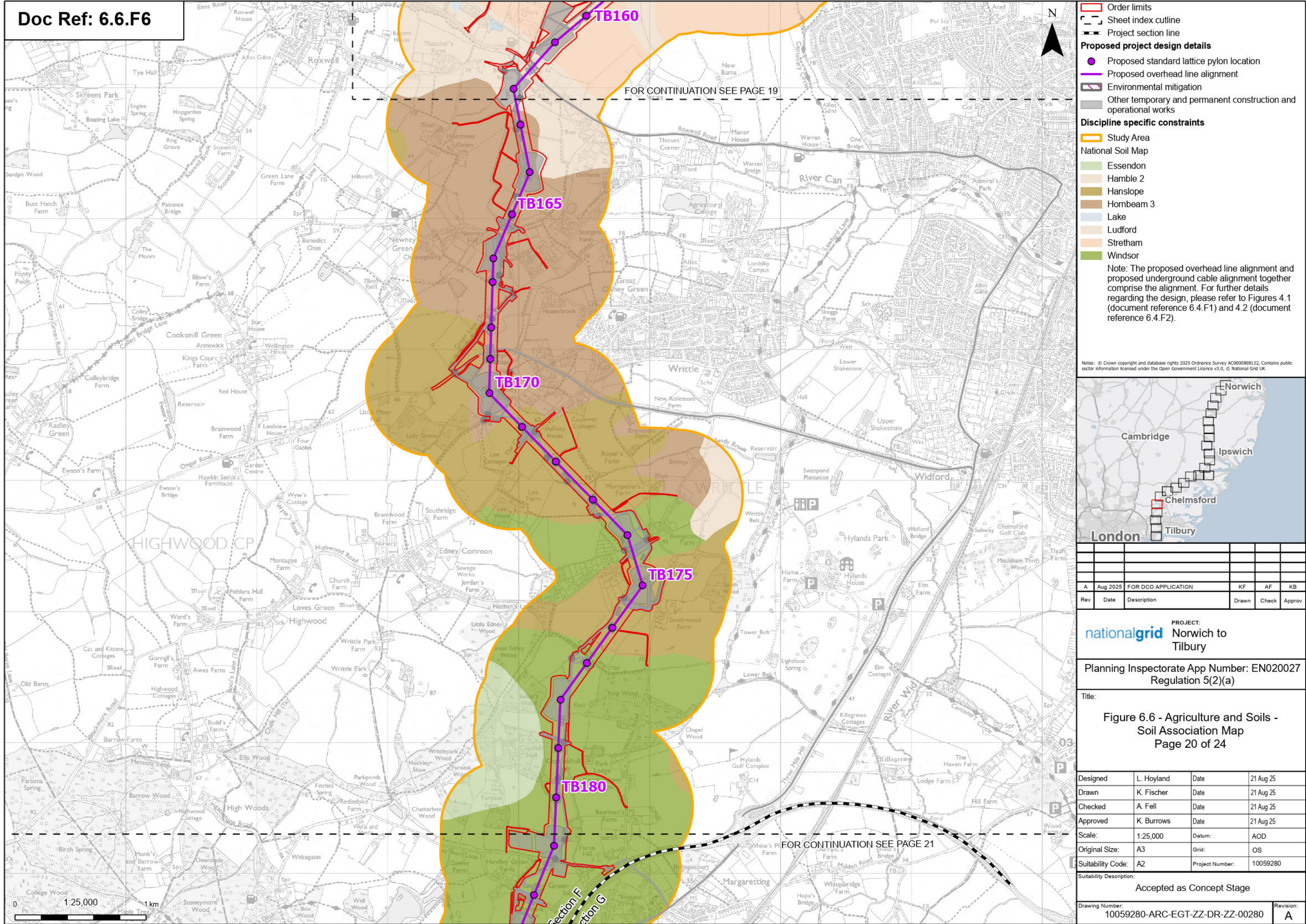
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Soil Association Map  
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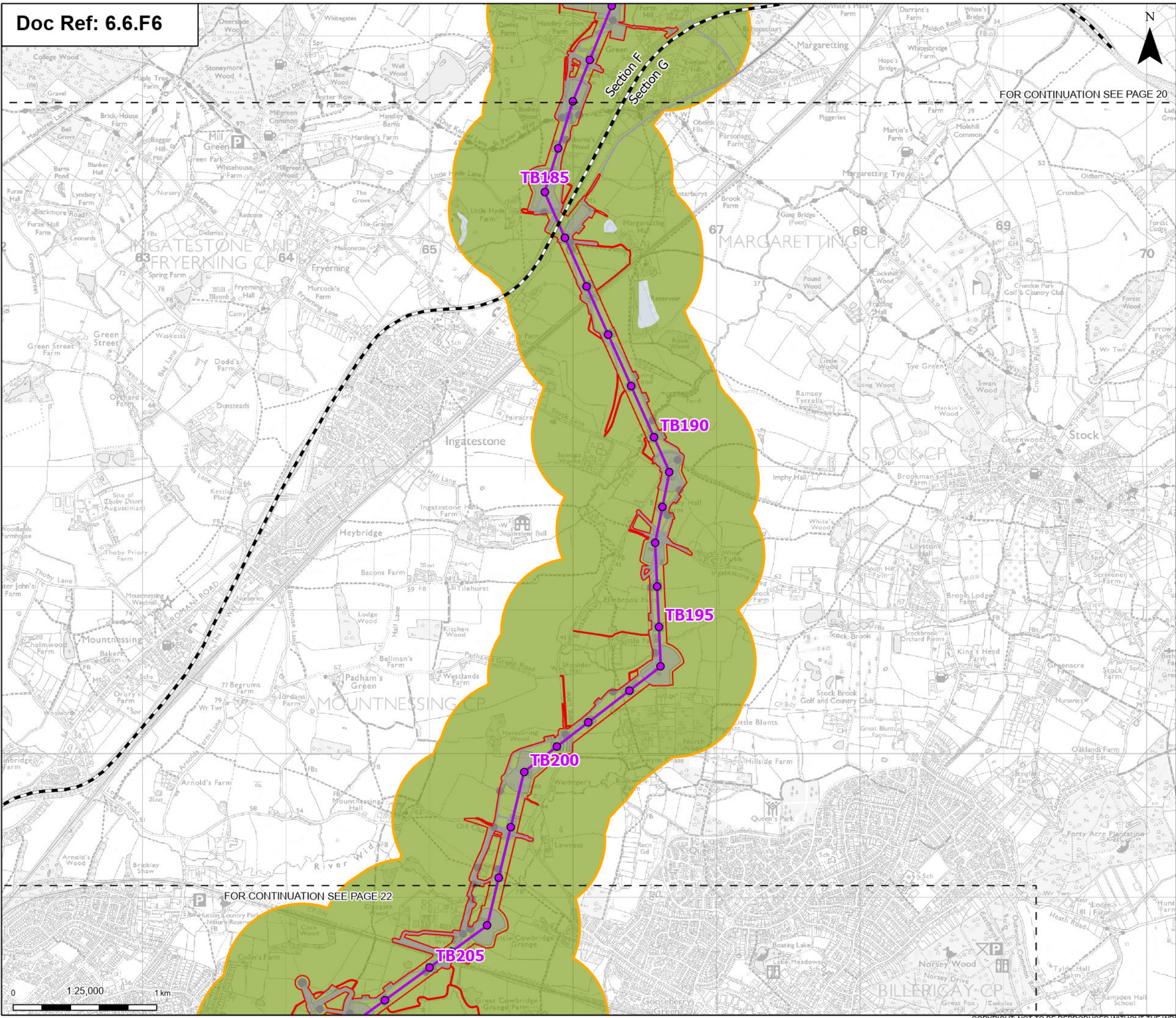
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Drawn	K. Fischer	Date	21 Aug 25
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Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

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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

Study Area

National Soil Map

Lake

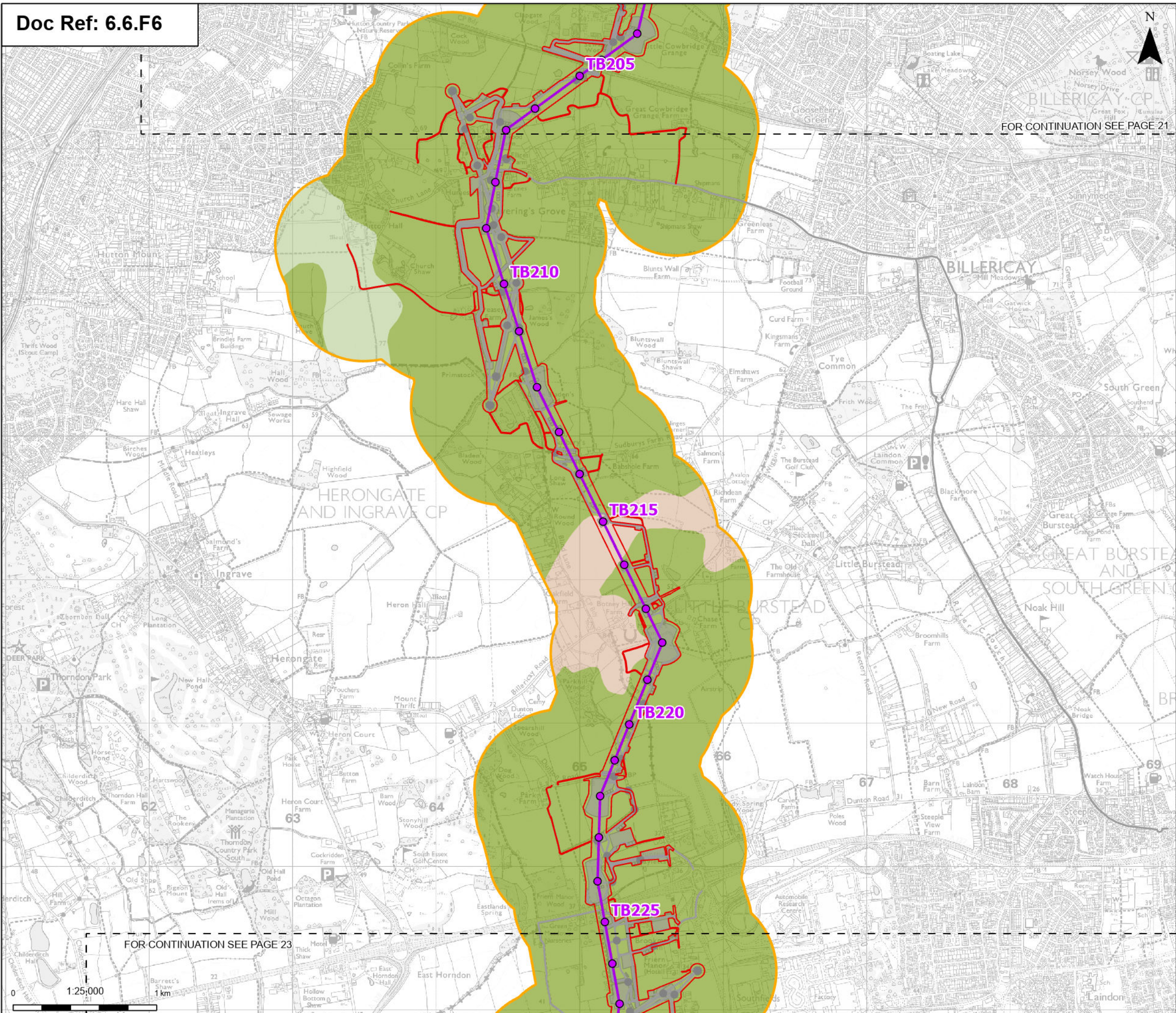
Windsor

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: Norwich to Tilbury					
Planning Inspectorate App Number: EN020027 Regulation 5(2)(a)					
Title: Figure 6.6 - Agriculture and Soils - Soil Association Map Page 21 of 24					
Designed	L. Hoyland	Date	21 Aug 25		
Drawn	K. Fischer	Date	21 Aug 25		
Checked	A. Fell	Date	21 Aug 25		
Approved	K. Burrows	Date	21 Aug 25		
Scale:	1:25,000	Datum:	AOD		
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Suitability Code:	A2	Project Number:	10059280		
Suitability Description: Accepted as Concept Stage					
Drawing Number: 10059280-ARC-EGT-ZZ-DR-ZZ-00280					Revision: A

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Sheet index cutline

Proposed standard lattice pylon location

Proposed overhead line alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Study Area

National Soil Map

Bursledon

Essendon

Windsor

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).

Norwich

Ipswich

Chelmsford

Tilbury

London

Cambridge

Great Burstead

South Green

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Figure 6.6 - Agriculture and Soils - Soil Association Map

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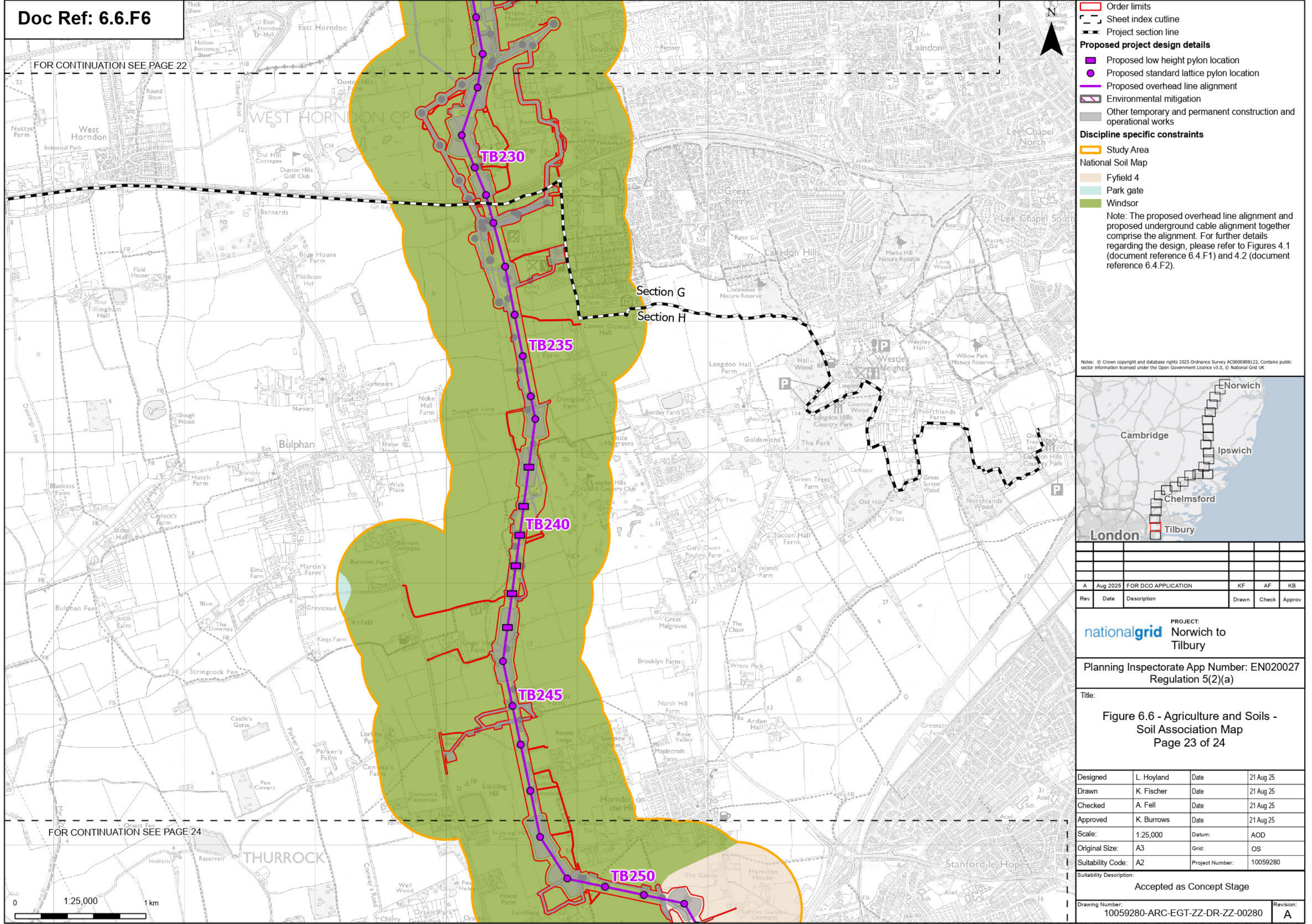
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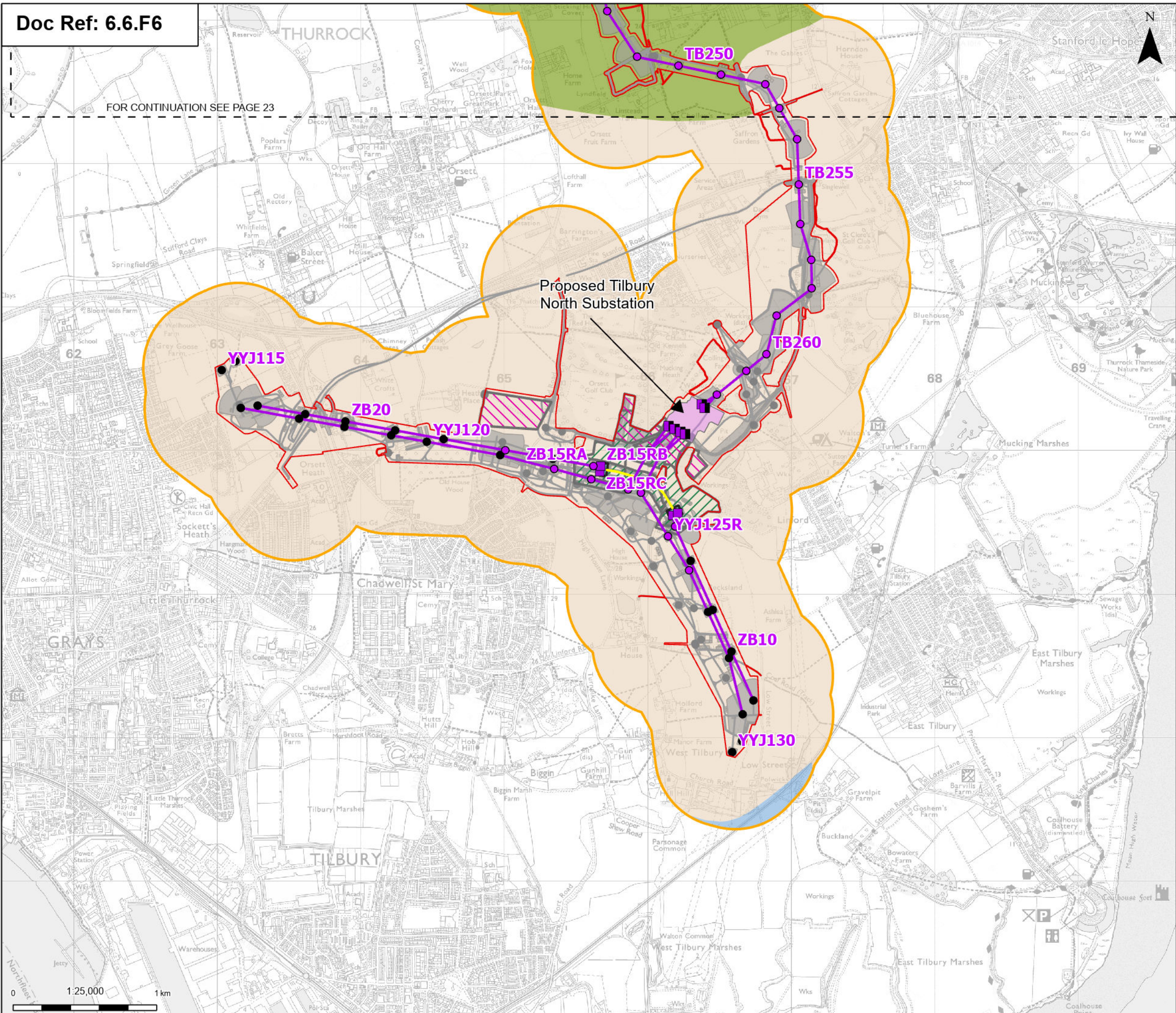
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FOR CONTINUATION SEE PAGE 23



**Order limits**

**Sheet index cutline**

**Proposed project design details**

- Proposed full line tension gentry
- Proposed low duty gentry
- 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

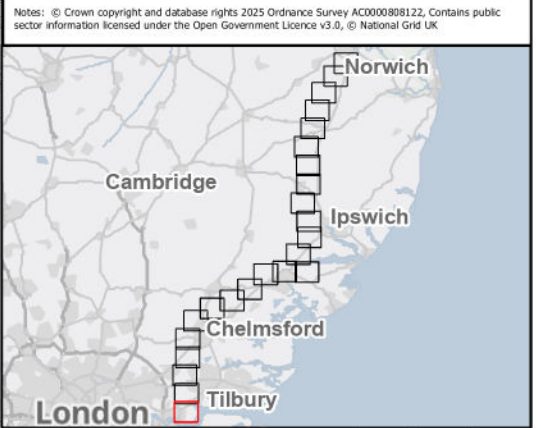
**Discipline specific constraints**

**Study Area**

**National Soil Map**

- Fyfield 4
- Hucklesbrook
- Wallasea 1
- Windsor

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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