

# Volume II: Figures

## Part 3 of 27:

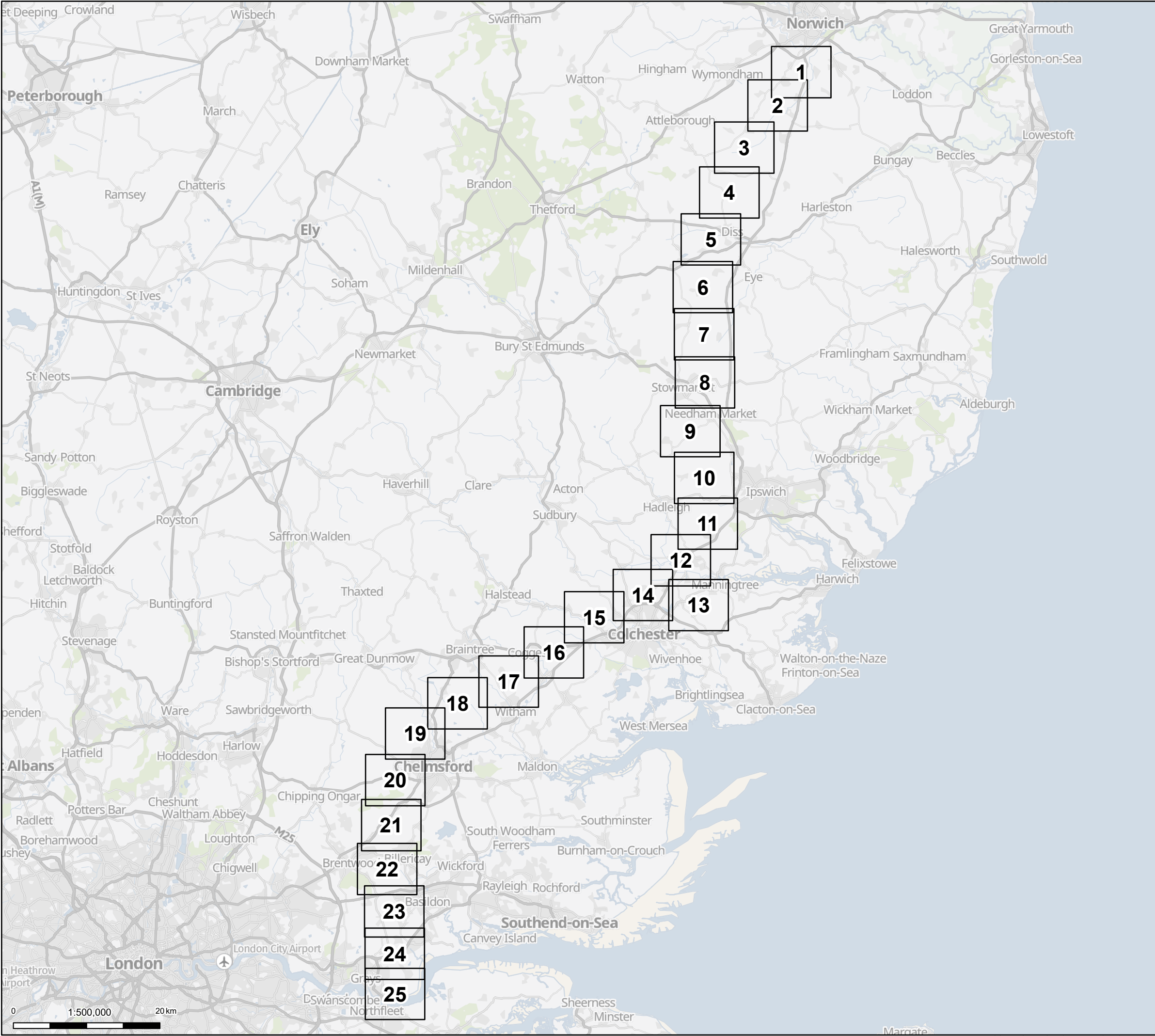
Figure 6.6 - Soilscares Mapping

Figure 7.1 - Air Quality Study Area and Constraints

Figure 7.2 - Air Quality Background Concentrations (2019)

Figure 7.3 - Air Quality Background Concentrations (2028)





Pages

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A	April 2024	FOR STATUTORY CONSULTATION	SB	AF	KB
Rev	Date	Description	Drawn	Check	Approv

PROJECT:  
Norwich to  
Tilbury

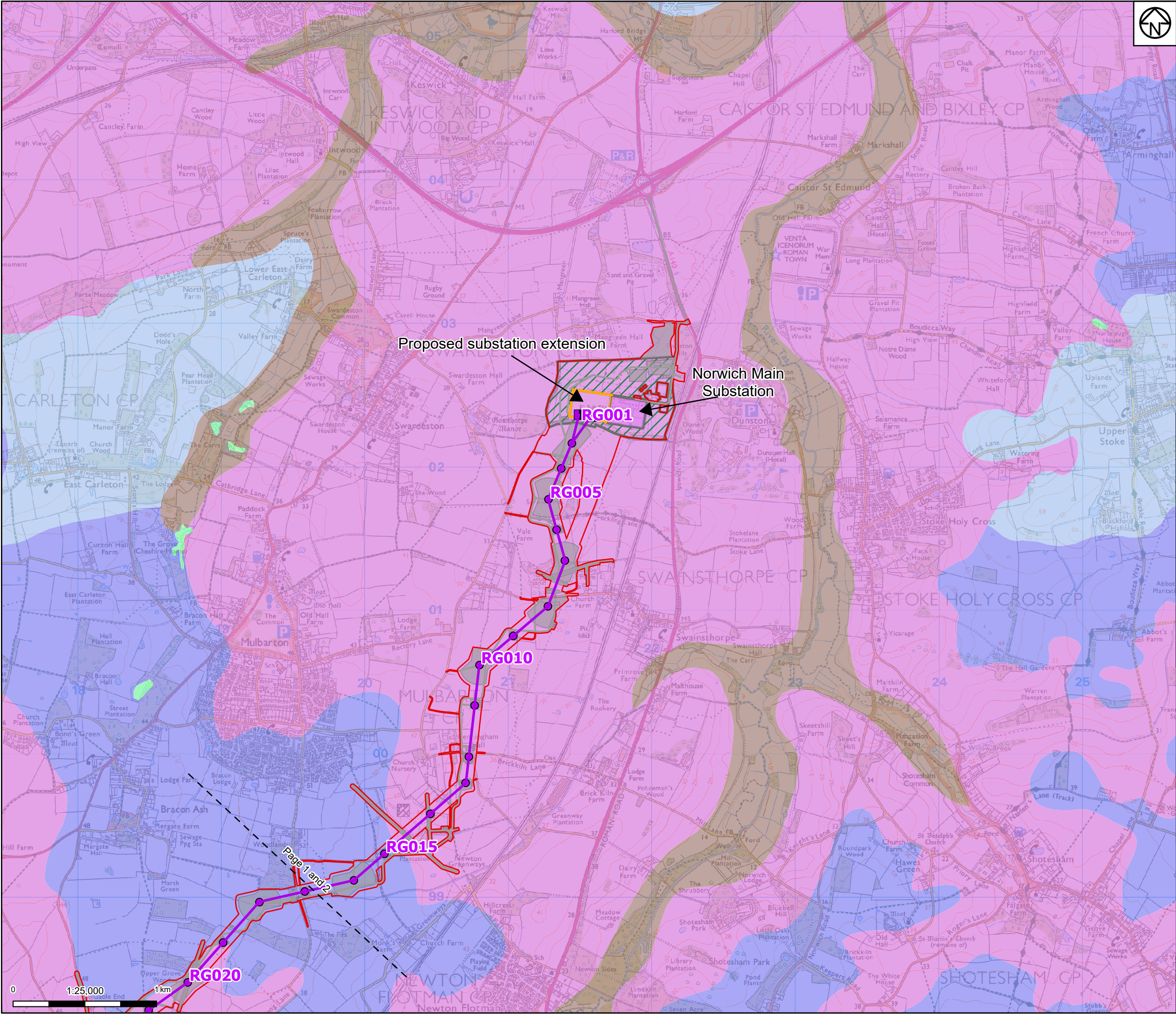
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Figure 6.6 - Agriculture and Soils  
Scapes Mapping  
Overview

Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00087	Revision: A
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- Proposed project design details**
- Draft order limits
  - Proposed overhead line alignment
  - Proposed full line tension gantry
  - Proposed pylon position
  - Existing substation
  - Proposed substation extension
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works

- Discipline specific constraints**
- Soilscape**
- Deep loam
  - Deep sandy
  - Lake or water body
  - Seasonally wet deep loam to clay
  - Seasonally wet deep sand
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**nationalgrid** PROJECT: Norwich to Tilbury

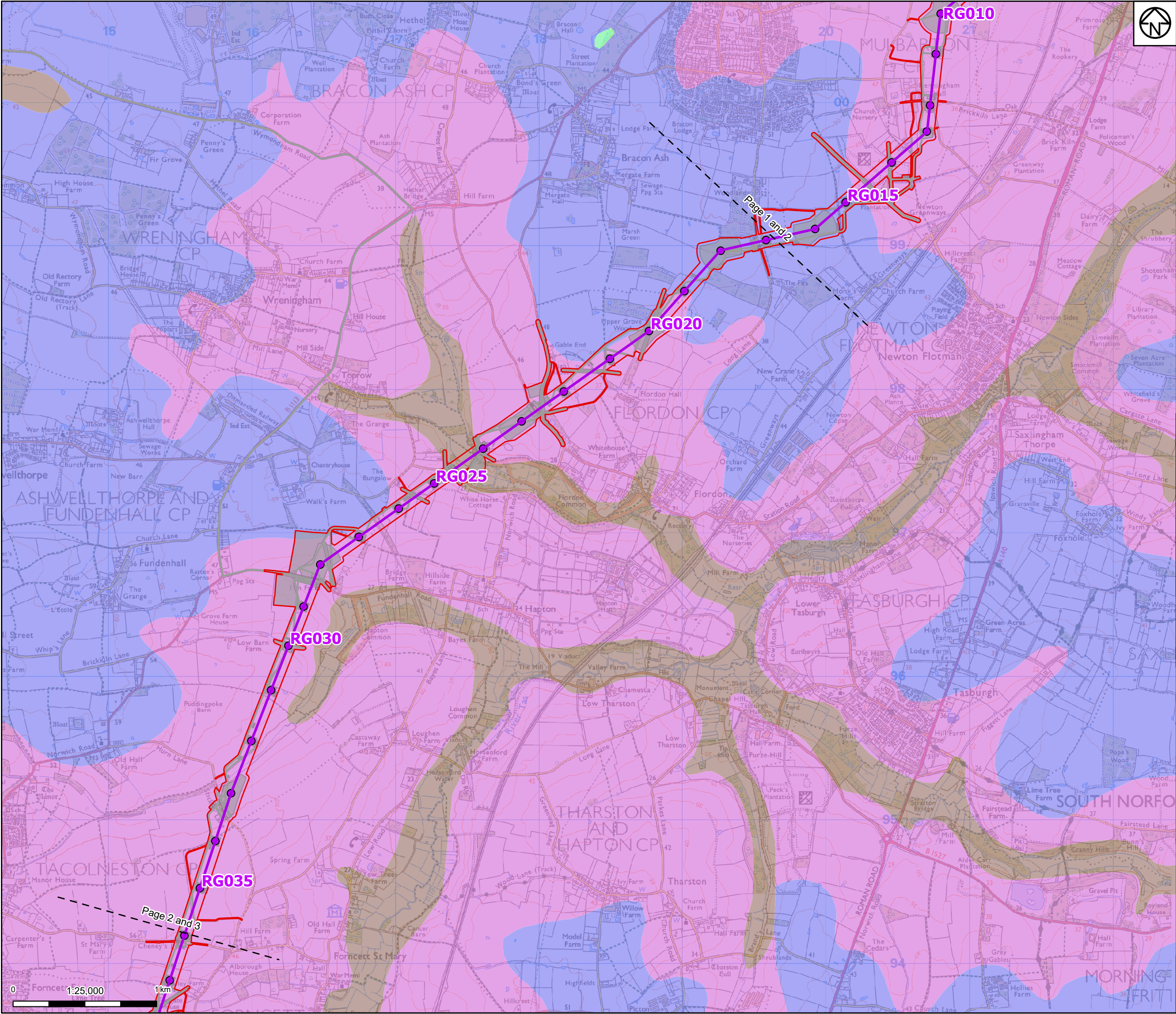
Title: Figure 6.6 - Agriculture and Soils Soilscape Mapping Page 1 of 25

Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00087 Revision: A





**Draft order limits**

**Proposed project design details**

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

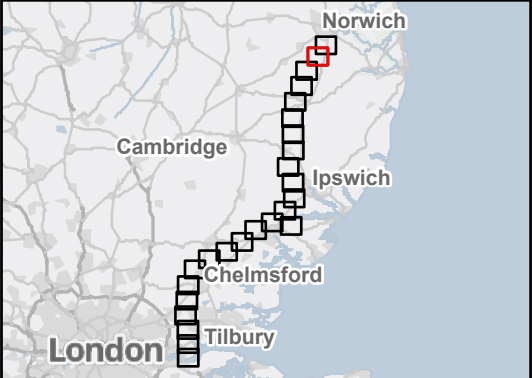
**Discipline specific constraints**

**Soilscapes**

- Deep loam
- Lake or water body
- Seasonally wet deep loam to clay
- Seasonally wet deep sand

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**nationalgrid** PROJECT: Norwich to Tilbury

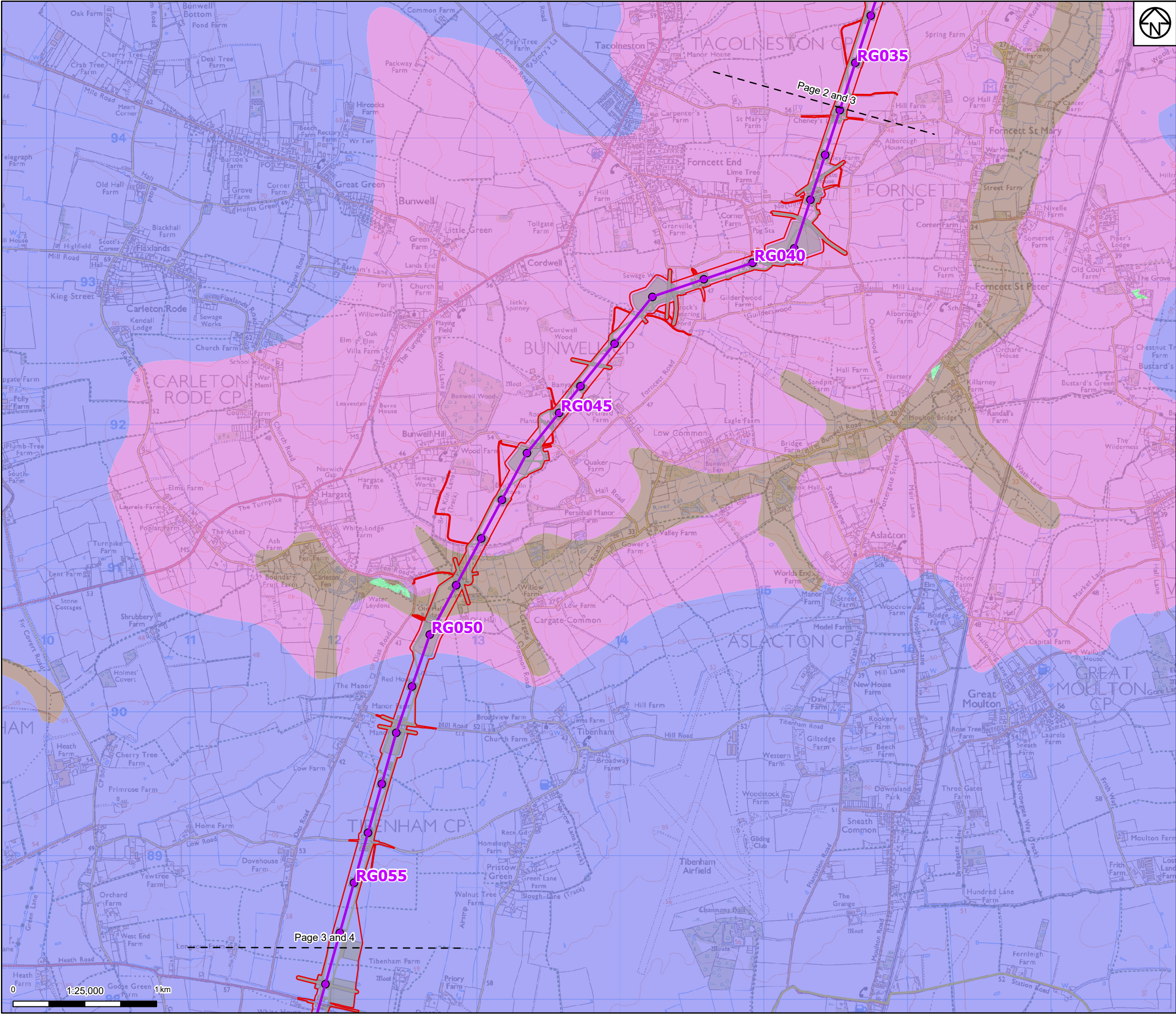
Title: Figure 6.6 - Agriculture and Soils Soilscapes Mapping Page 2 of 25

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Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

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Drawing Number:	Revision:
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Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

Soilscapes

Deep loam

Lake or water body

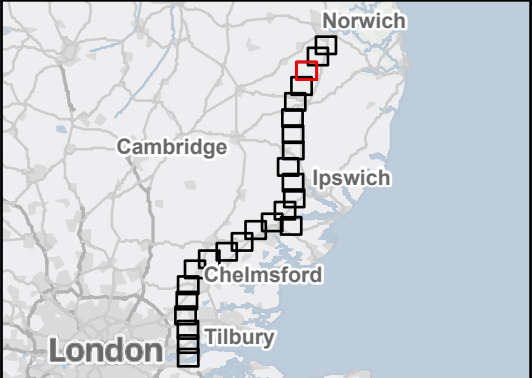
Seasonally wet deep loam to clay

Seasonally wet deep sand

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
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Tilbury

Title:  
  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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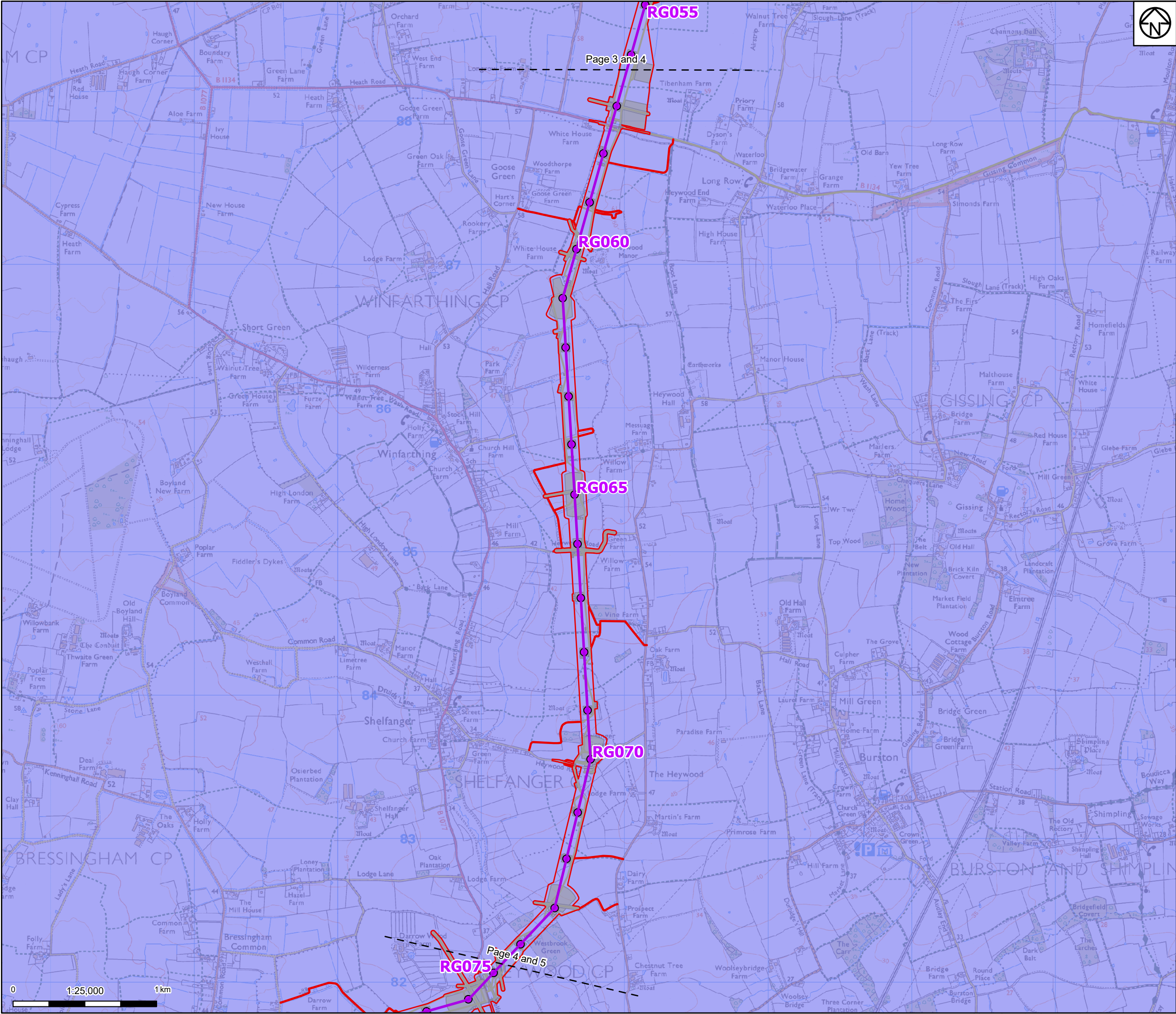
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Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

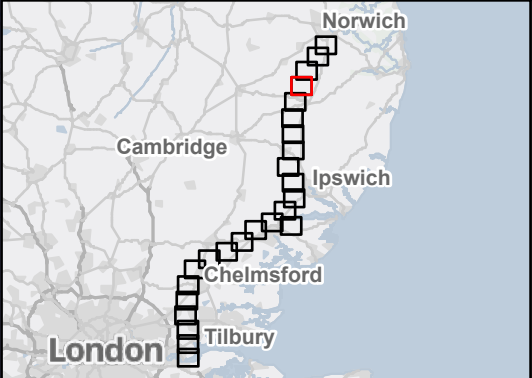
Soilscapes

Seasonally wet deep loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Title:

Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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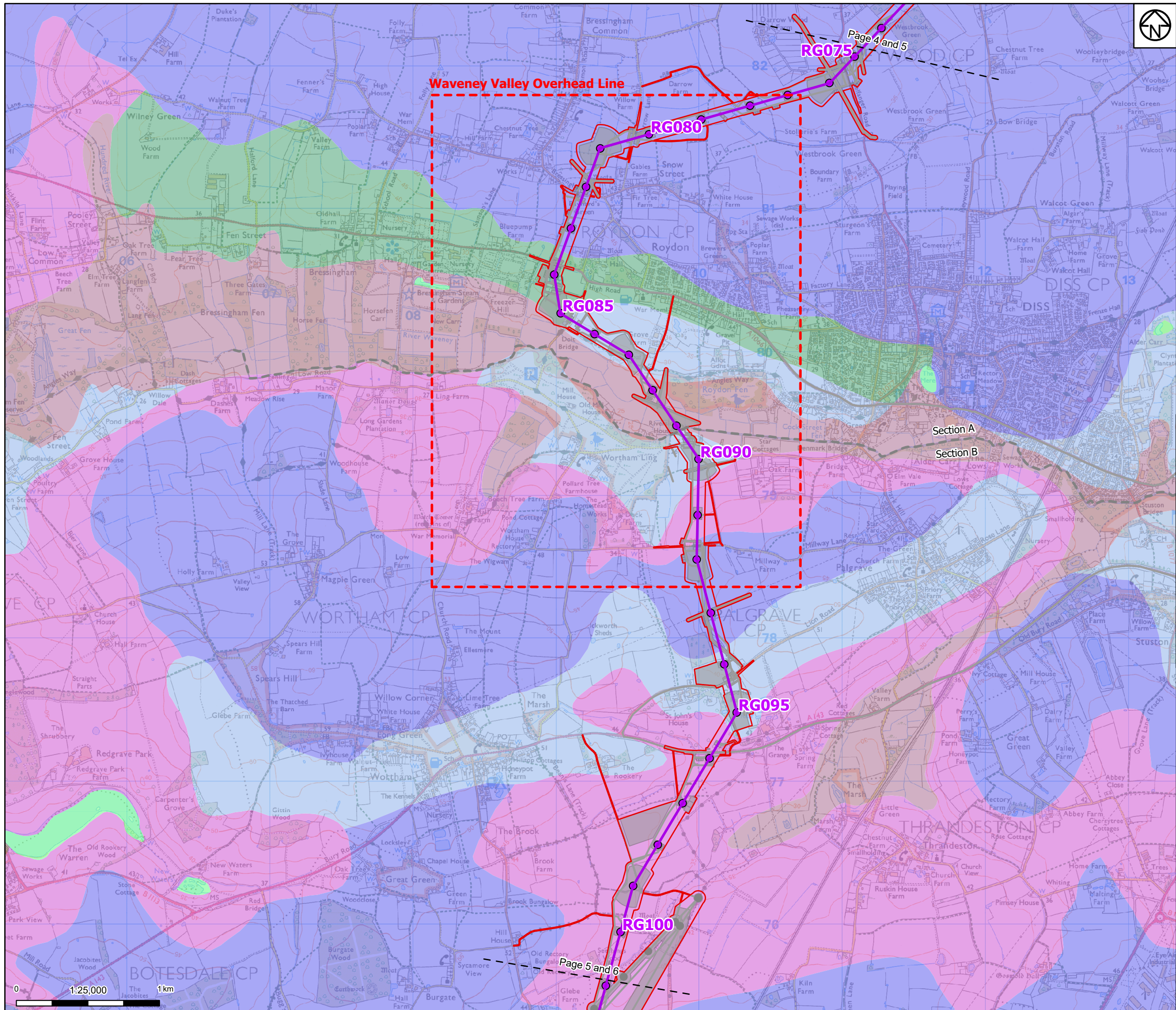
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Revision:  
A





- Draft order limits
- Project sections
- Proposed project design details**
- Proposed overhead line alignment
- Proposed pylon position
- Other temporary and permanent construction and operational works

**Discipline specific constraints**

**Soils**

- Deep clay
- Deep loam
- Deep sandy
- Lake or water body
- Peat
- Seasonally wet deep loam to clay
- Seasonally wet deep sand

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Norwich to Tilbury

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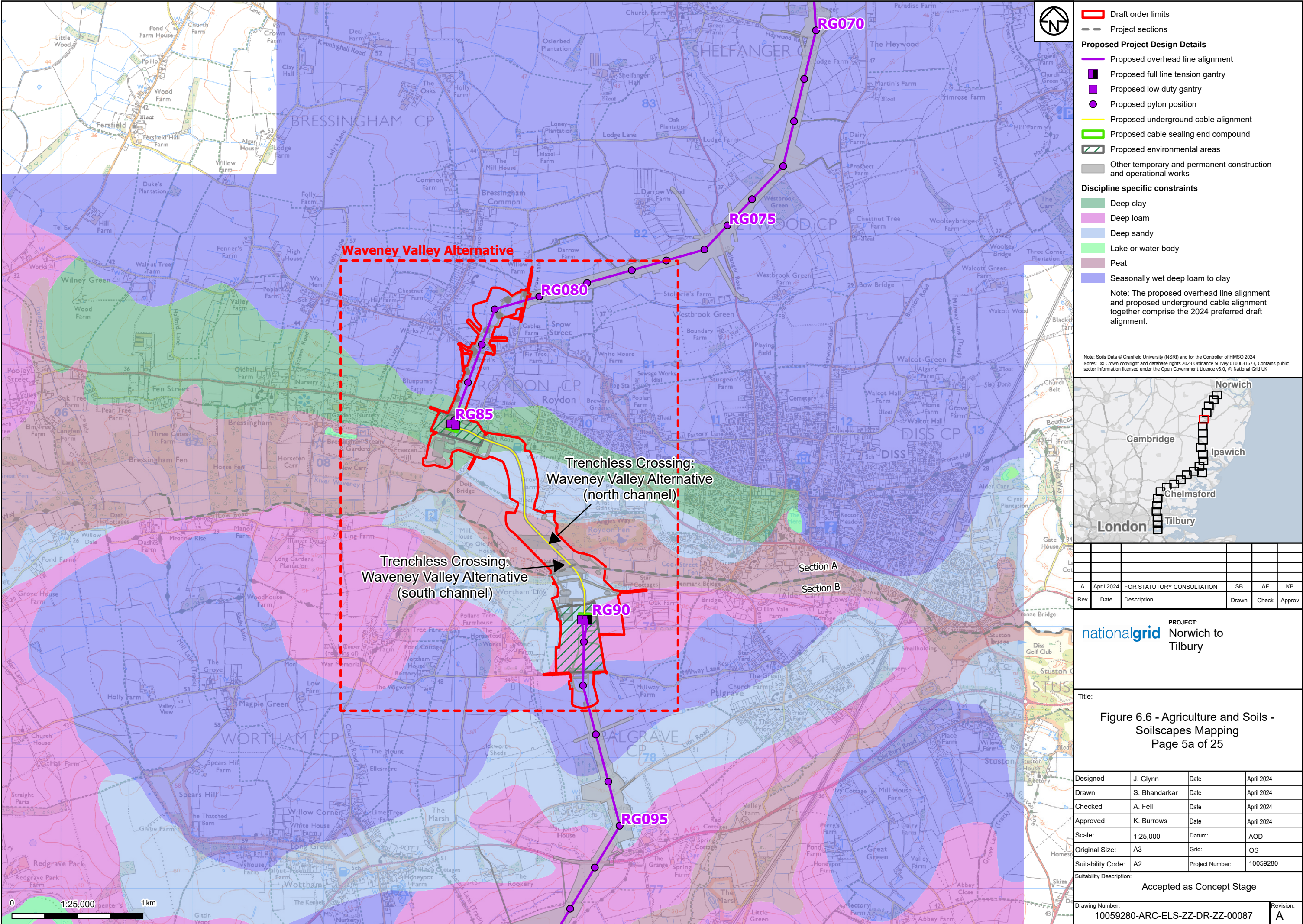
Figure 6.6 - Agriculture and Soils  
Soils Mapping  
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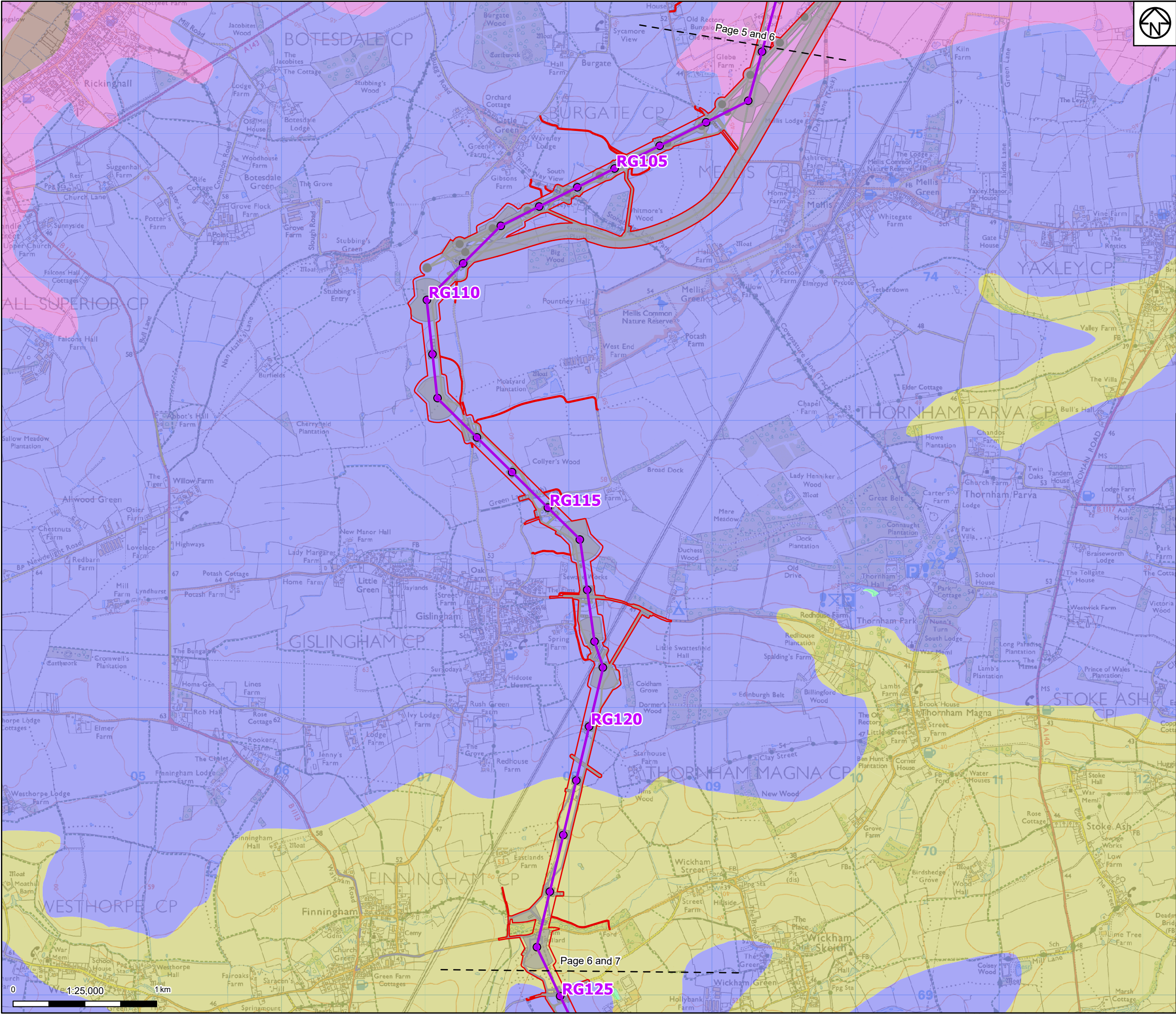
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**PROJECT:** Norwich to Tilbury

**Title:**

Figure 6.6 - Agriculture and Soils - Soilsapes Mapping Page 5a of 25			
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
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Suitability Description:			
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Drawing Number:	10059280-ARC-ELS-ZZ-DR-ZZ-00087		
Revision:	A		





- Draft order limits**
- Proposed project design details**
- Proposed overhead line alignment
  - Proposed pylon position
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Soilscapes**
- Deep loam
  - Deep loam to clay
  - Lake or water body
  - Seasonally wet deep loam to clay
  - Seasonally wet deep sand
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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Designed	J. Glynn	Date	April 2024
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

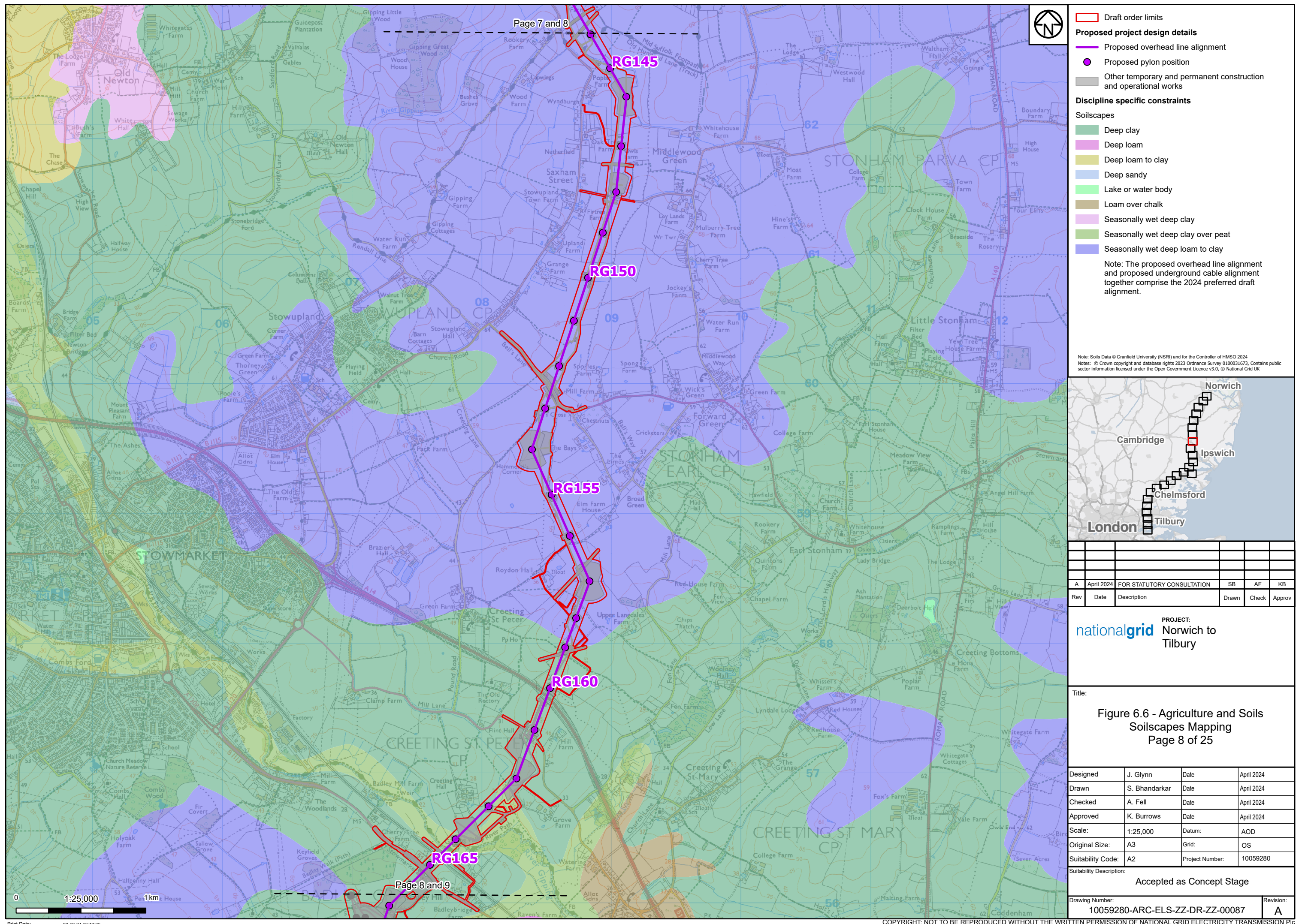
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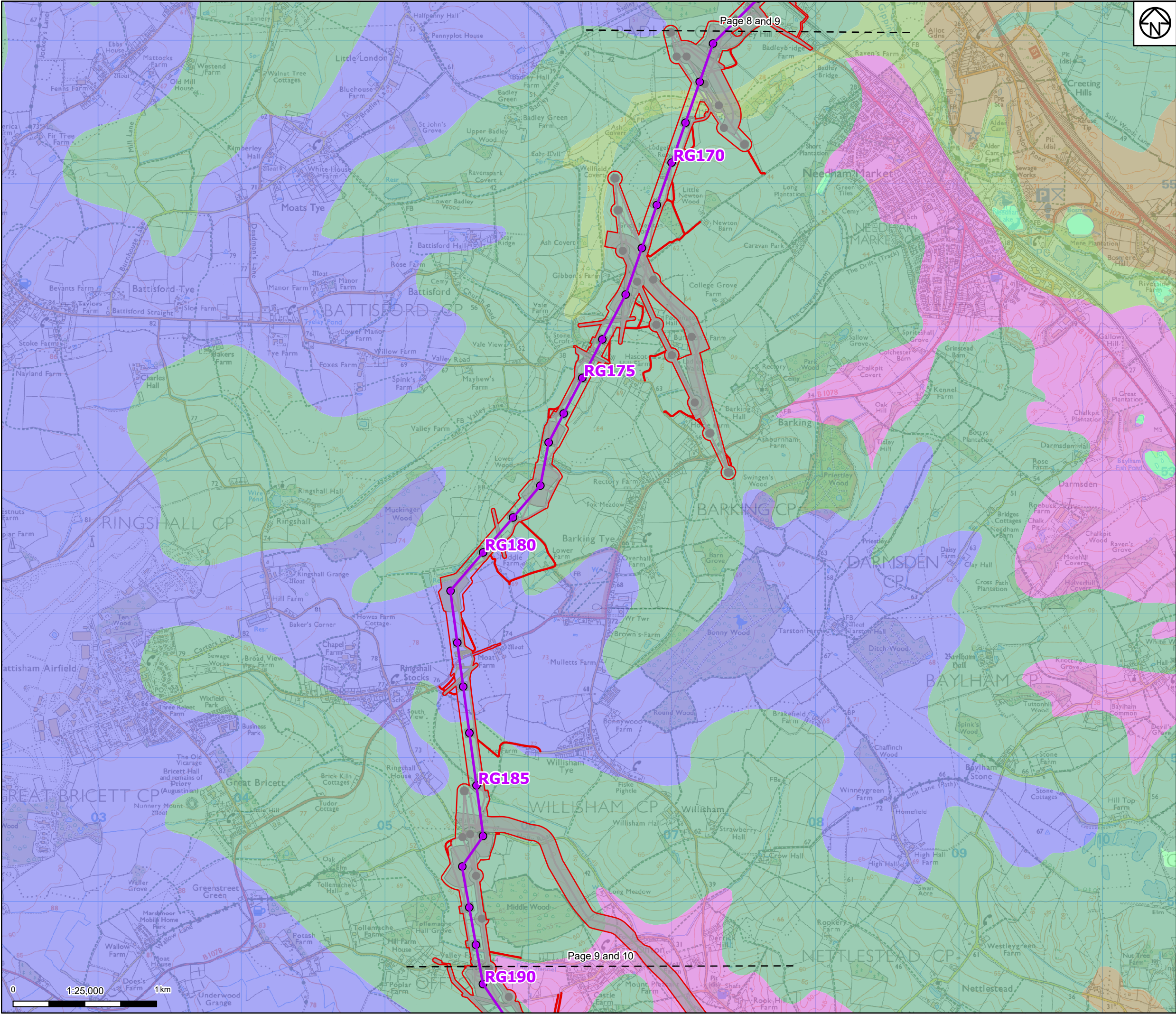












**Draft order limits**

**Proposed project design details**

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

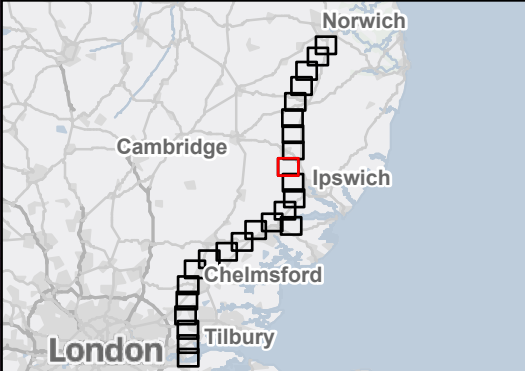
**Discipline specific constraints**

**Soilscapes**

- Deep clay
- Deep loam
- Lake or water body
- Loam over chalk
- Seasonally wet deep clay over peat
- Seasonally wet deep loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**PROJECT:**  
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Title:  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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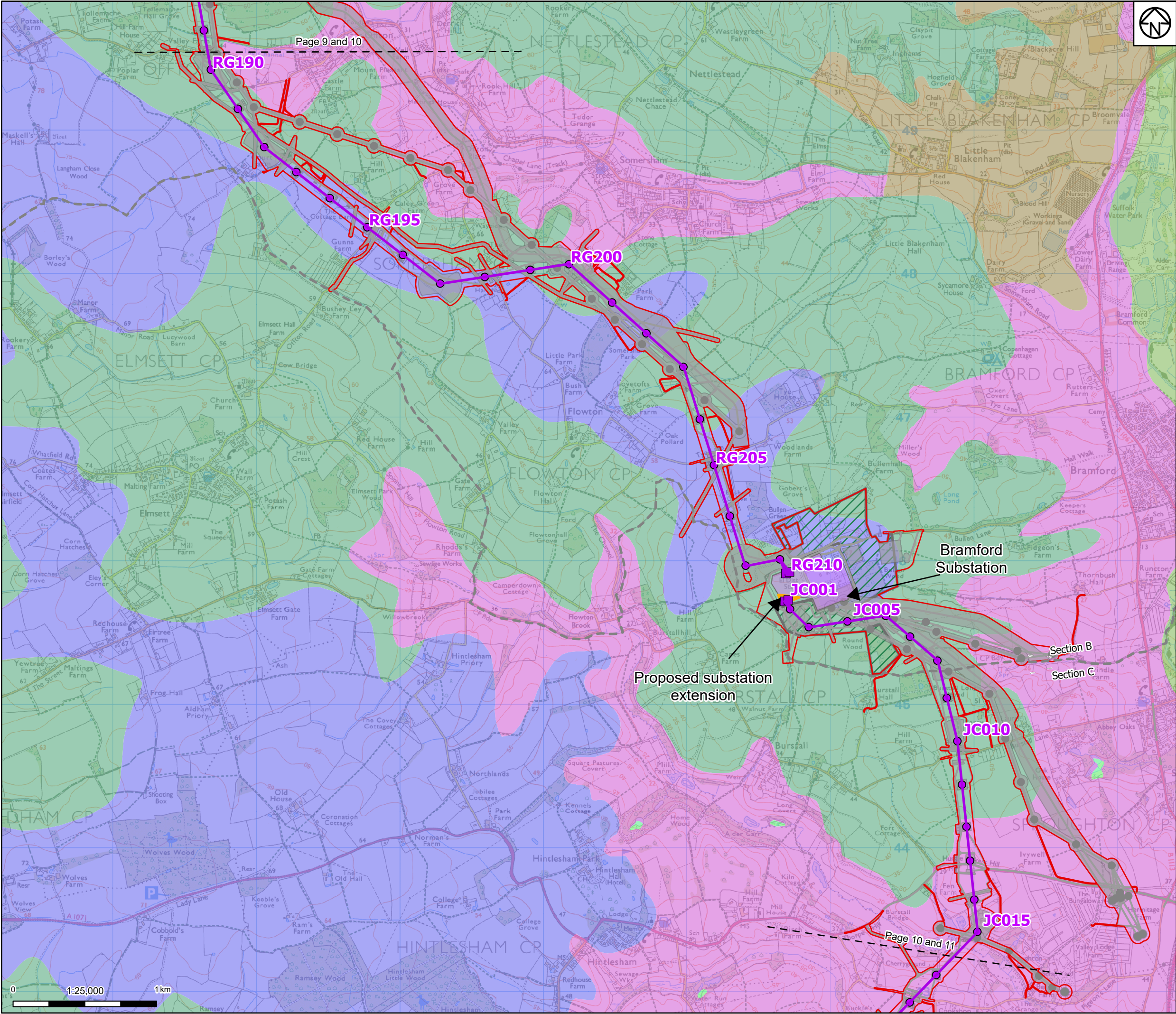
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Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00087

Revision:  
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**Legend**

**Proposed project design details**

- Proposed overhead line alignment
- Proposed low duty gantry
- Proposed pylon position
- Existing substation
- Proposed substation extension
- Proposed environmental areas
- Other temporary and permanent construction and operational works

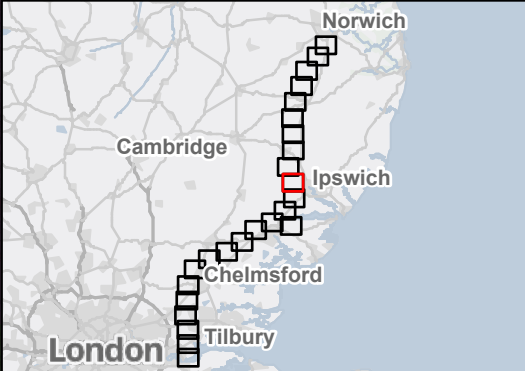
**Discipline specific constraints**

**Soilscapes**

- Deep clay
- Deep loam
- Lake or water body
- Loam over chalk
- Seasonally wet deep clay over peat
- Seasonally wet deep loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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Designed	J. Glynn	Date	April 2024
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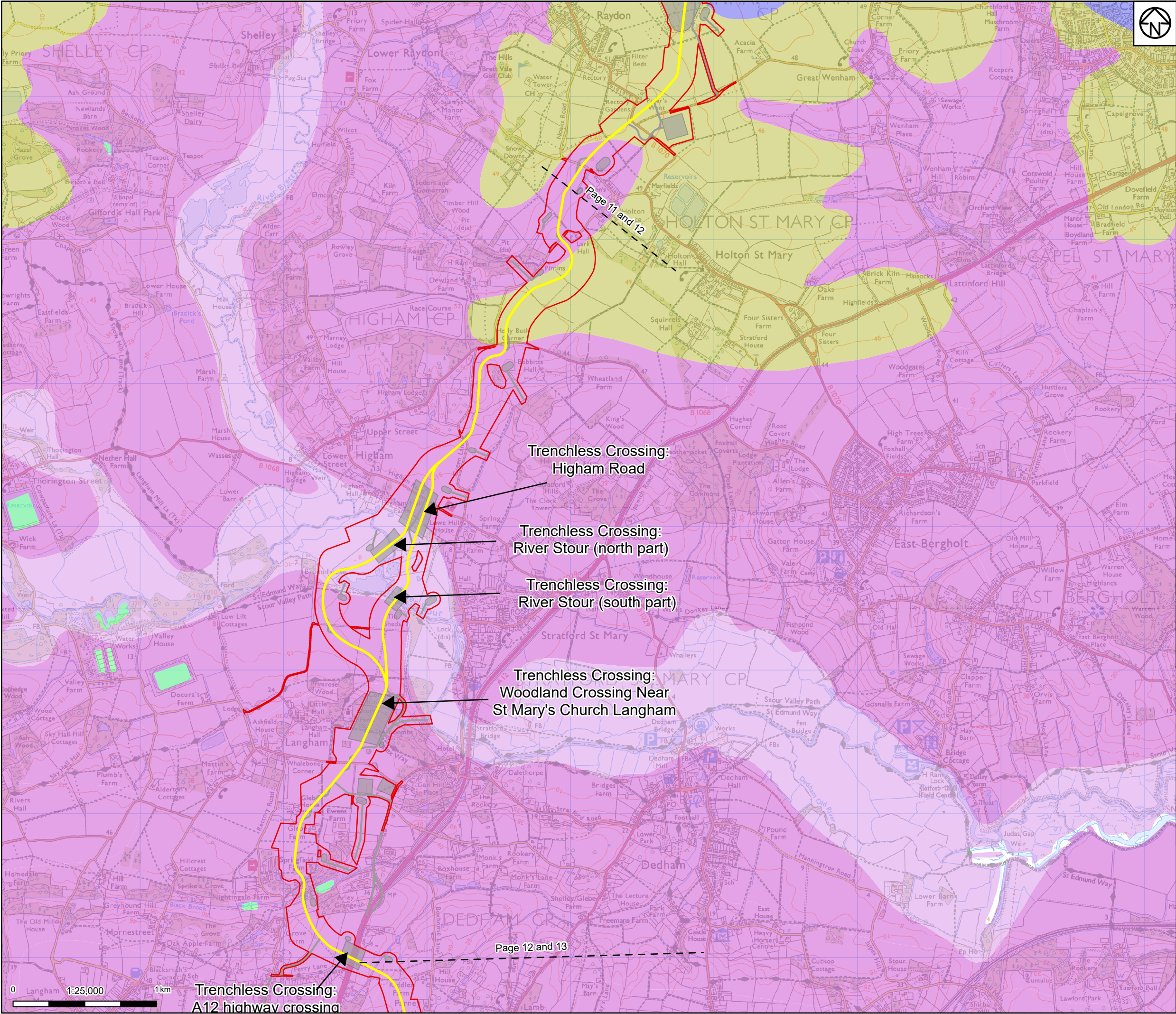
Drawing Number:  
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Revision:  
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- Legend**
- Draft order limits
  - Proposed project design details
    - Proposed underground cable alignment
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints
    - Soilscape
      - Deep loam
      - Deep loam to clay
      - Lake or water body
      - Seasonally wet deep clay
      - Seasonally wet deep loam to clay
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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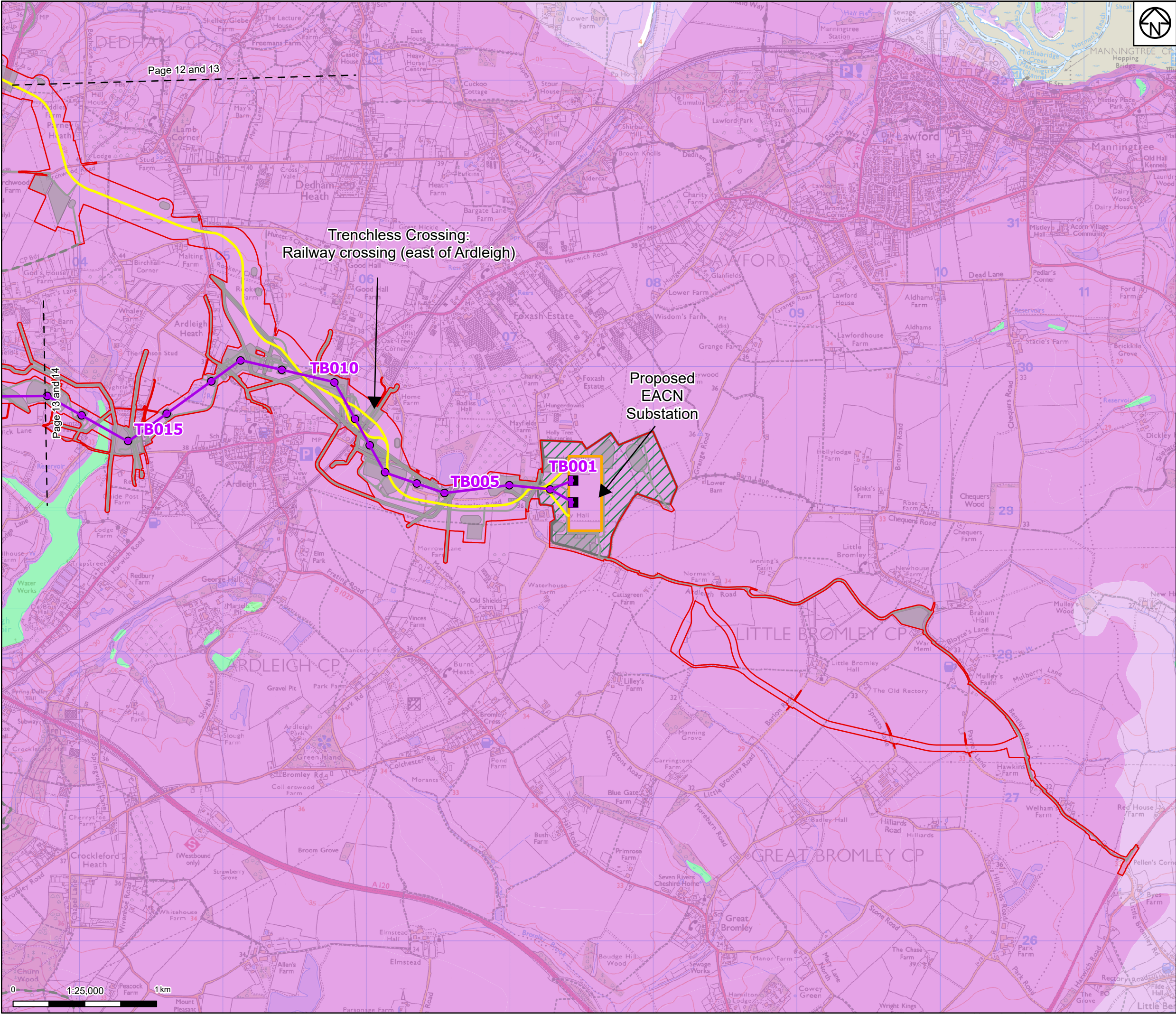
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nationalgrid Norwich to Tilbury

**Title:**  
Figure 6.6 - Agriculture and Soils  
Soilscape Mapping  
Page 12 of 25

Designed	J. Glynn	Date	April 2024
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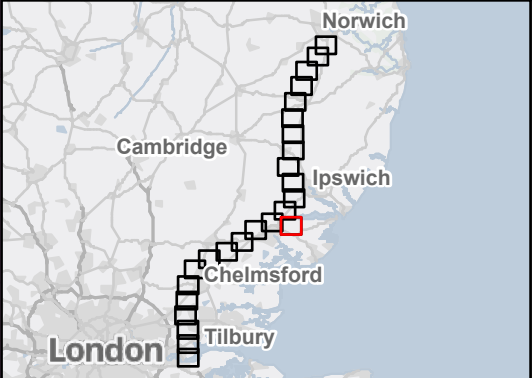
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- Legend**
- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed full line tension gantry
    - Proposed pylon position
    - Proposed underground cable alignment
    - Proposed EACN substation
    - Proposed environmental areas
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - Soilscapes**
      - Deep loam
      - Lake or water body
      - Seasonally wet deep clay
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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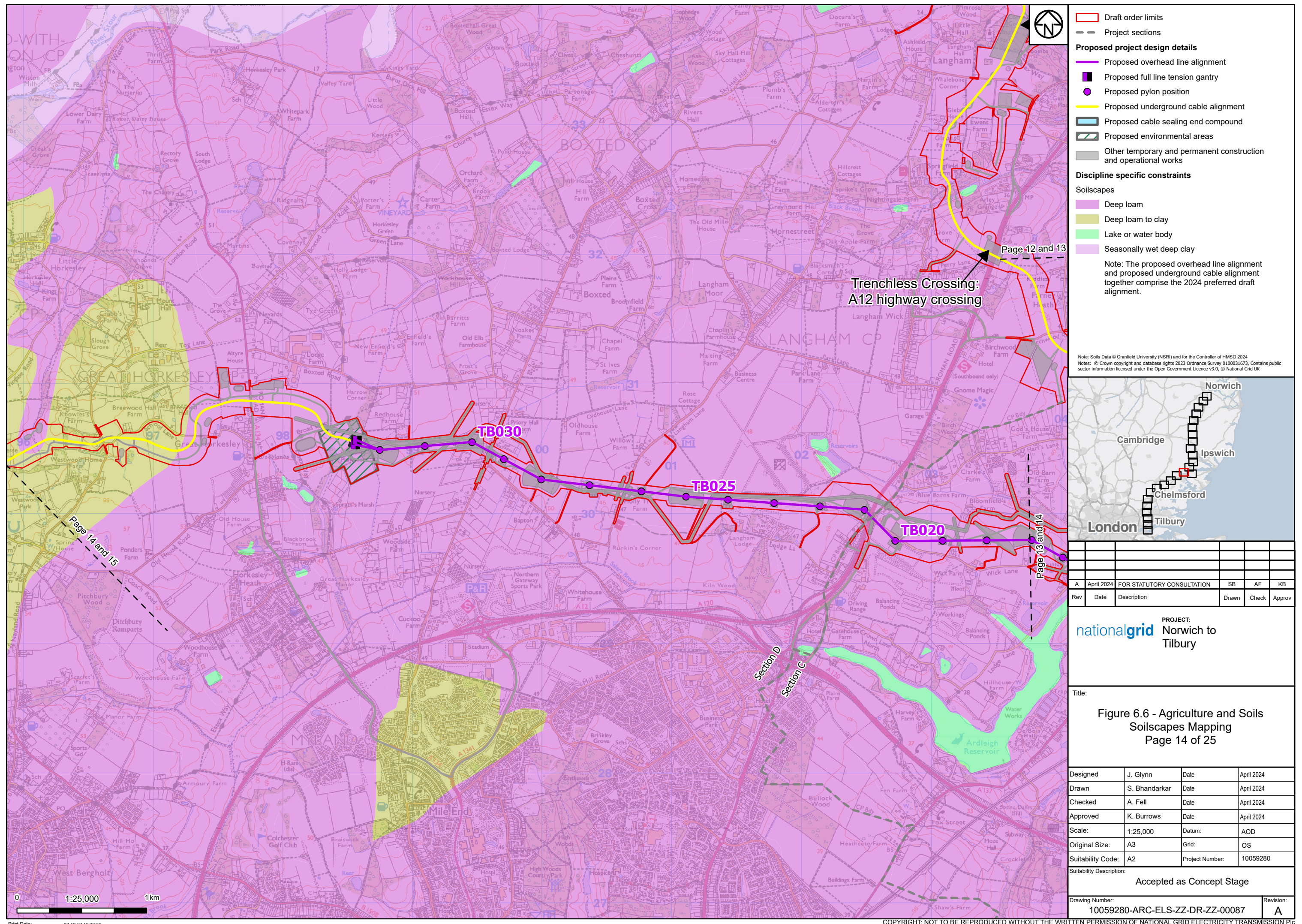
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Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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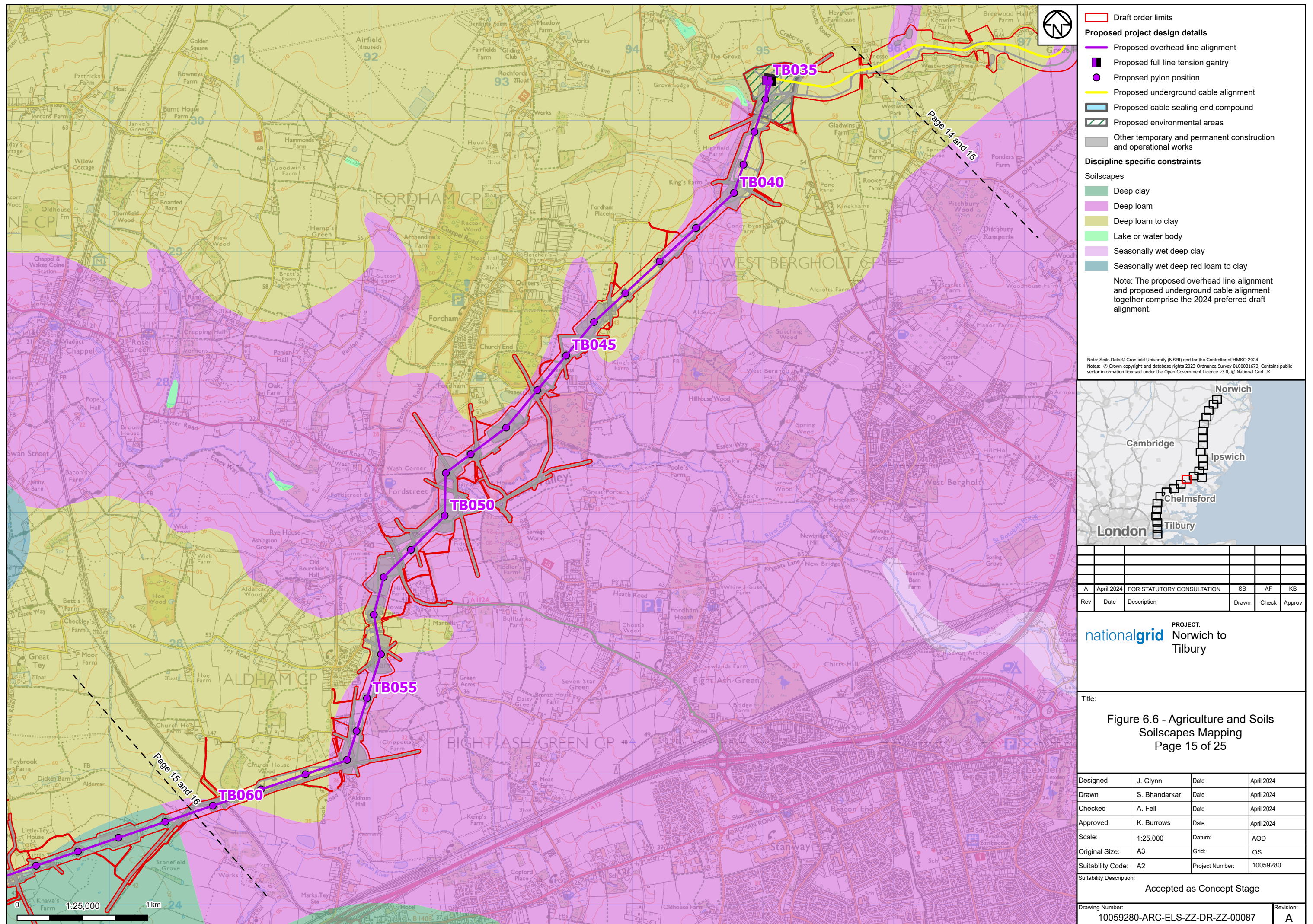
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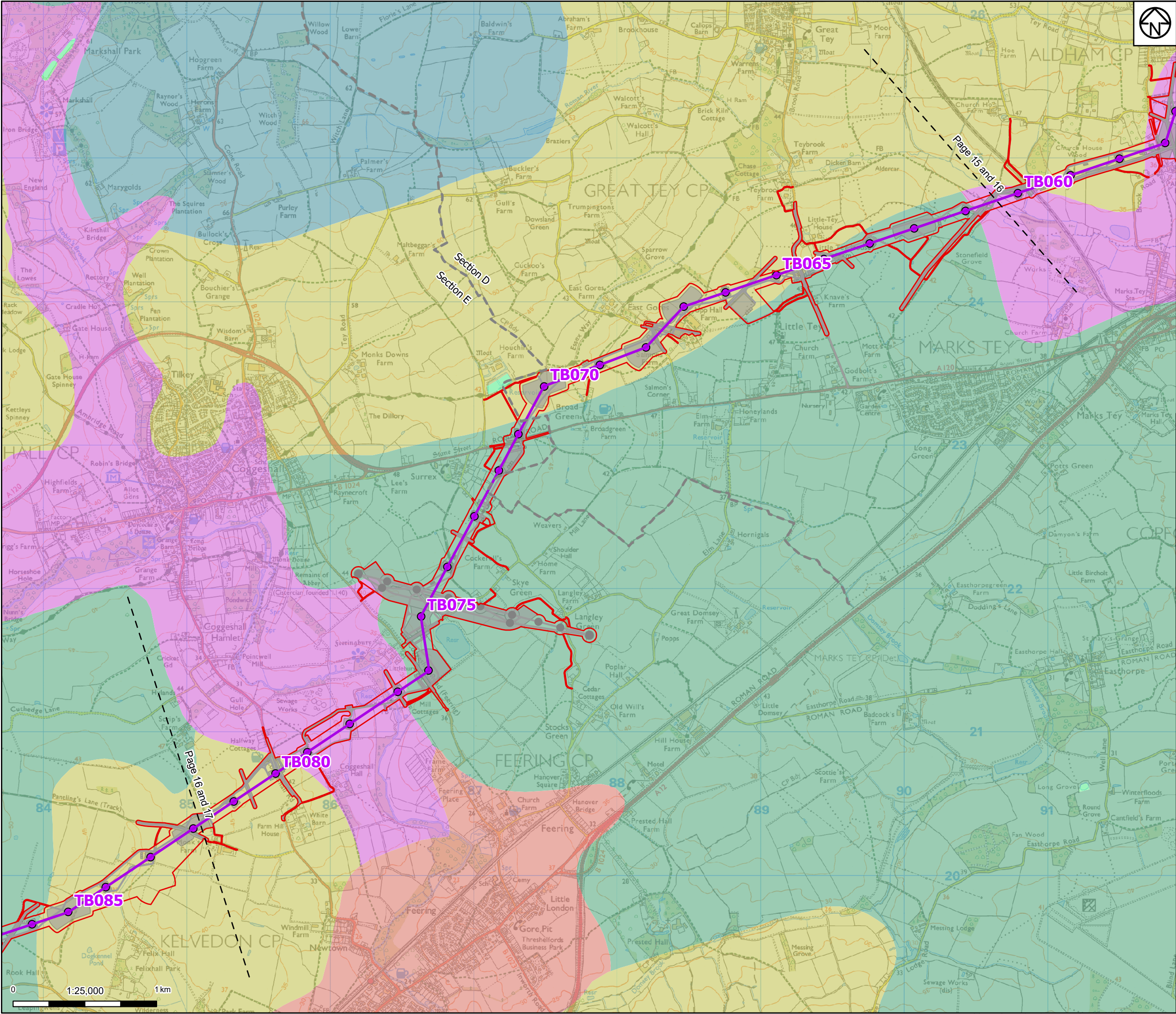






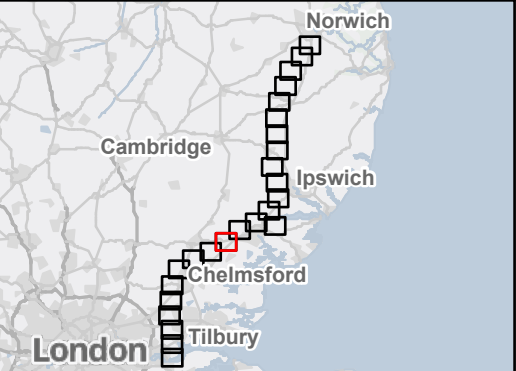






- Legend**
- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - Soilscapes**
      - Deep clay
      - Deep loam
      - Deep loam over gravel
      - Deep loam to clay
      - Lake or water body
      - Seasonally wet deep clay
      - Seasonally wet deep red loam to clay
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Norwich to Tilbury

Title:

Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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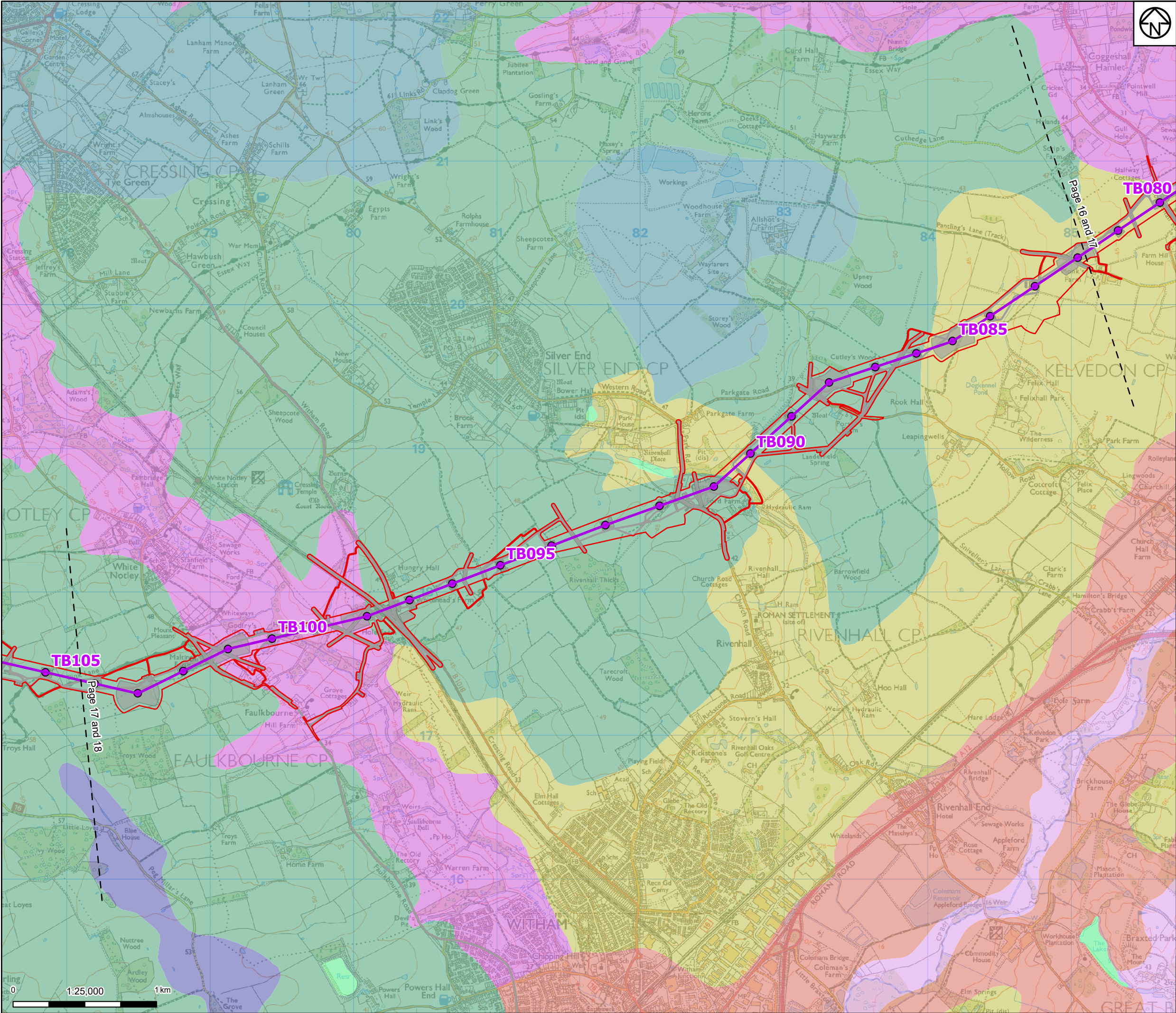
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**Draft order limits**

**Proposed project design details**

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

**Discipline specific constraints**

**Soils**

- Deep clay
- Deep loam
- Deep loam over gravel
- Deep loam to clay
- Deep silty
- Lake or water body
- Seasonally wet deep clay
- Seasonally wet deep red loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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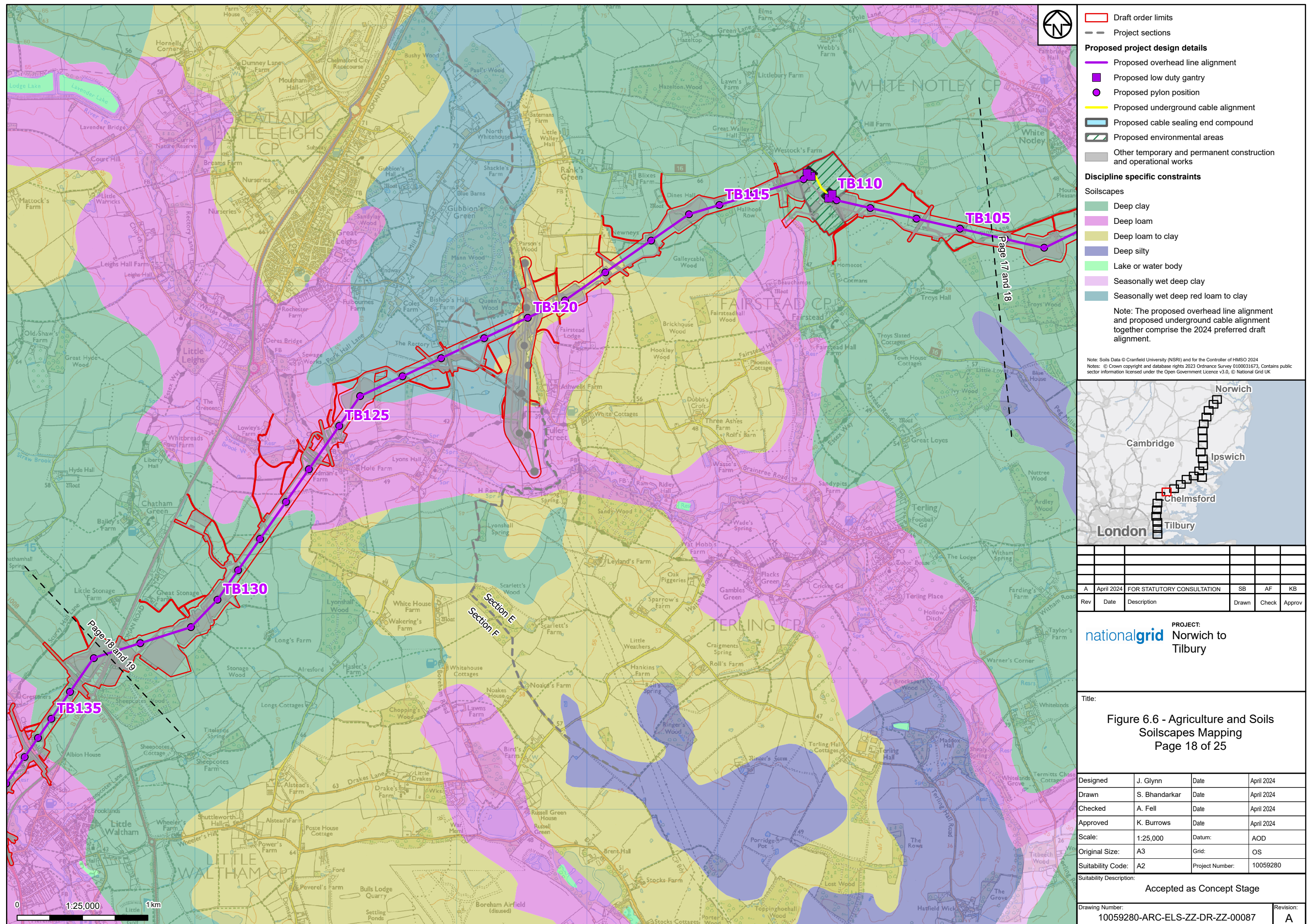
Title: Figure 6.6 - Agriculture and Soils Soilsapes Mapping Page 17 of 25

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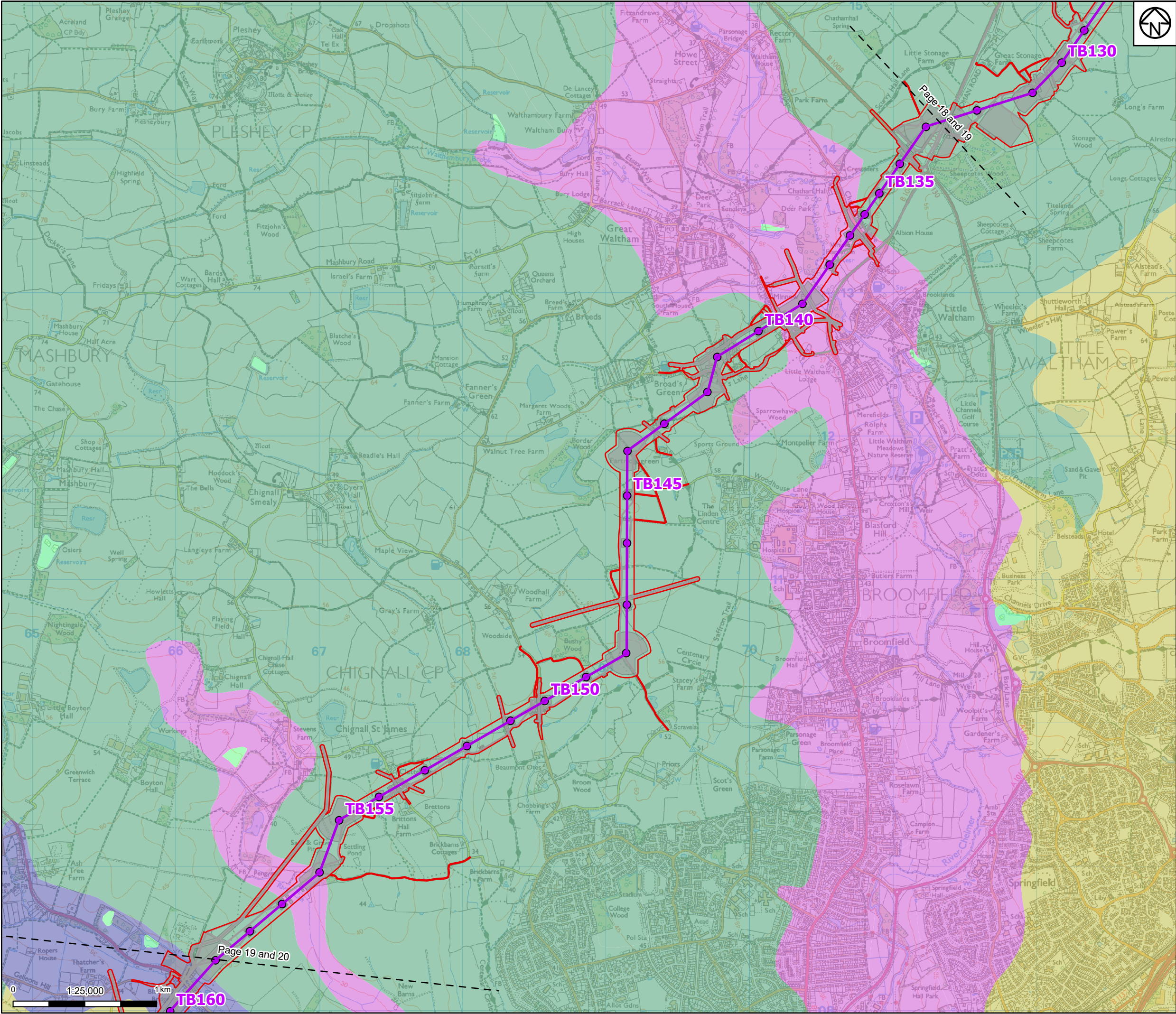
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Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

Soilscapes

Deep clay

Deep loam

Deep loam over gravel

Deep loam to clay

Deep silty

Lake or water body

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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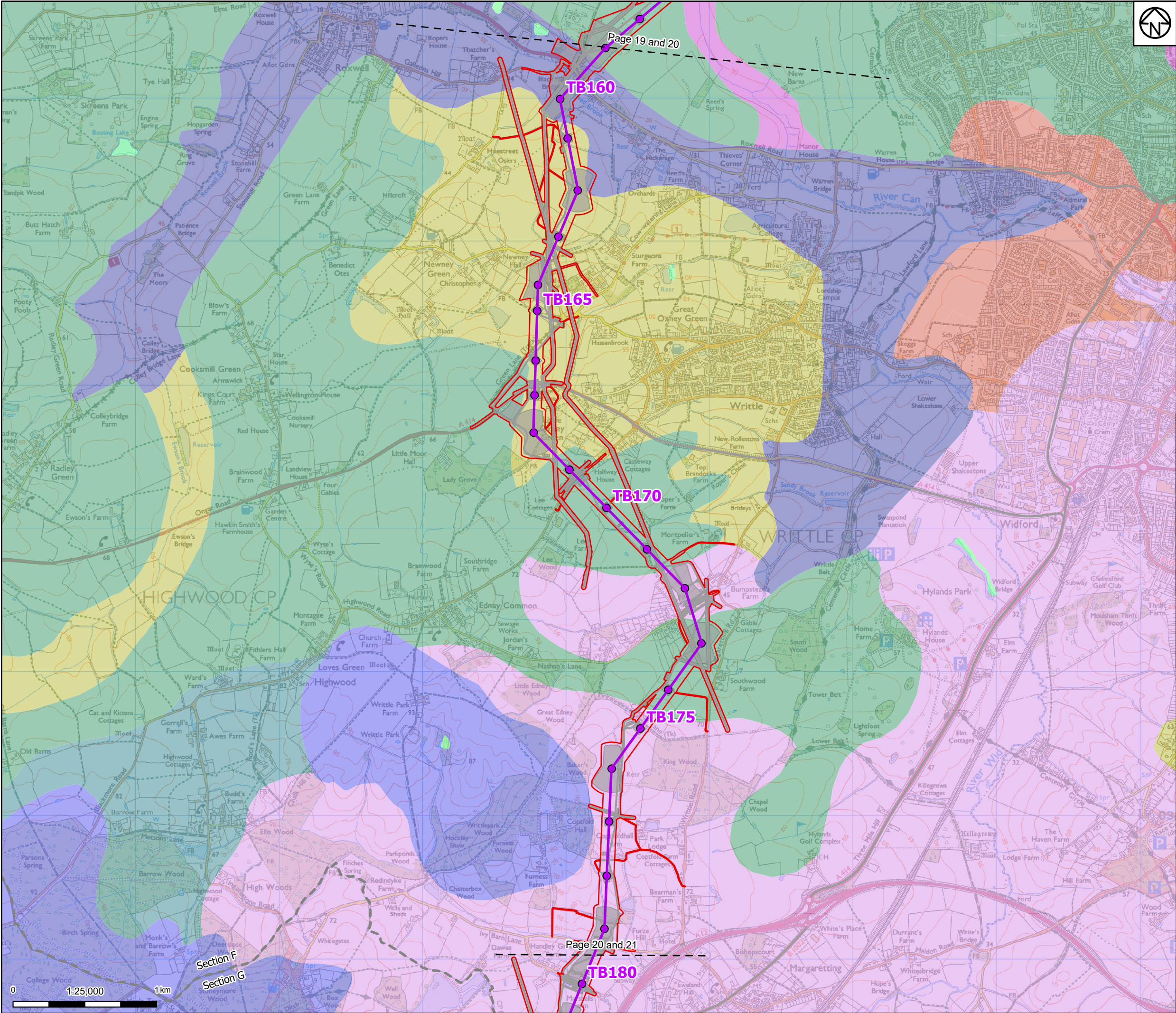
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Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00087

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**Legend**

**Draft order limits**

- Draft order limits

**Project sections**

- Project sections

**Proposed project design details**

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

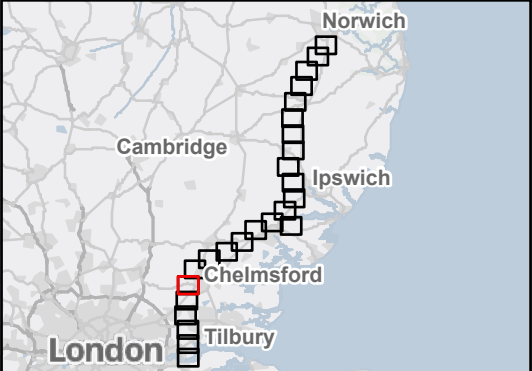
**Discipline specific constraints**

**Soils**

- Deep clay
- Deep loam
- Deep loam over gravel
- Deep loam to clay
- Deep silty
- Lake or water body
- Seasonally wet deep clay
- Seasonally wet deep loam to clay
- Seasonally wet deep red loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**PROJECT:** Norwich to Tilbury

**nationalgrid**

**Title:**

Figure 6.6 - Agriculture and Soils  
Soils Mapping  
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Designed	J. Glynn	Date	April 2024
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Approved	K. Burrows	Date	April 2024
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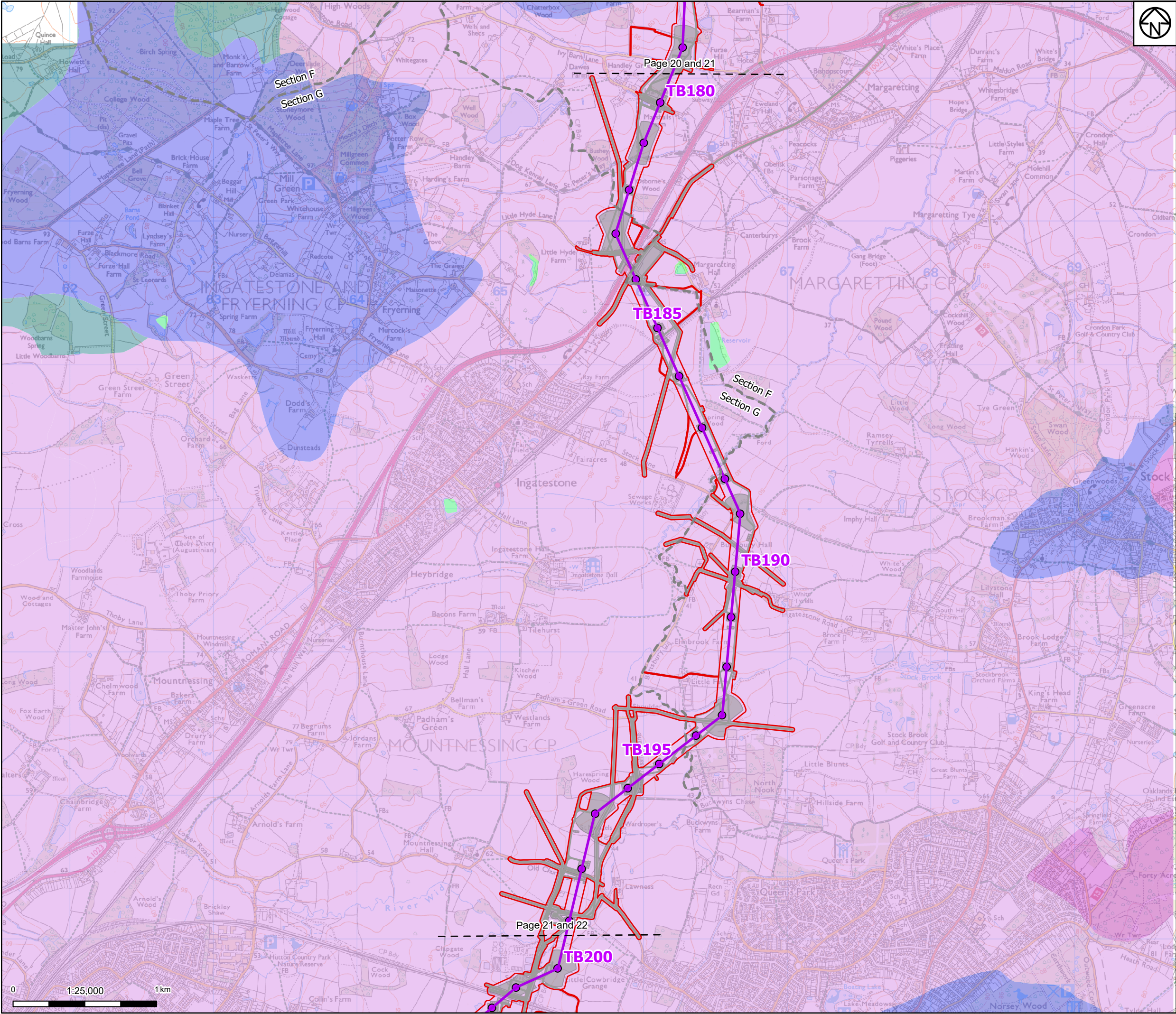
**Suitability Description:**

Accepted as Concept Stage

**Drawing Number:** 10059280-ARC-ELS-ZZ-DR-ZZ-00087

**Revision:** A





- Legend**
- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - Soilscapes
      - Deep loam
      - Lake or water body
      - Seasonally wet deep clay
      - Seasonally wet deep loam to clay
      - Seasonally wet deep red loam to clay
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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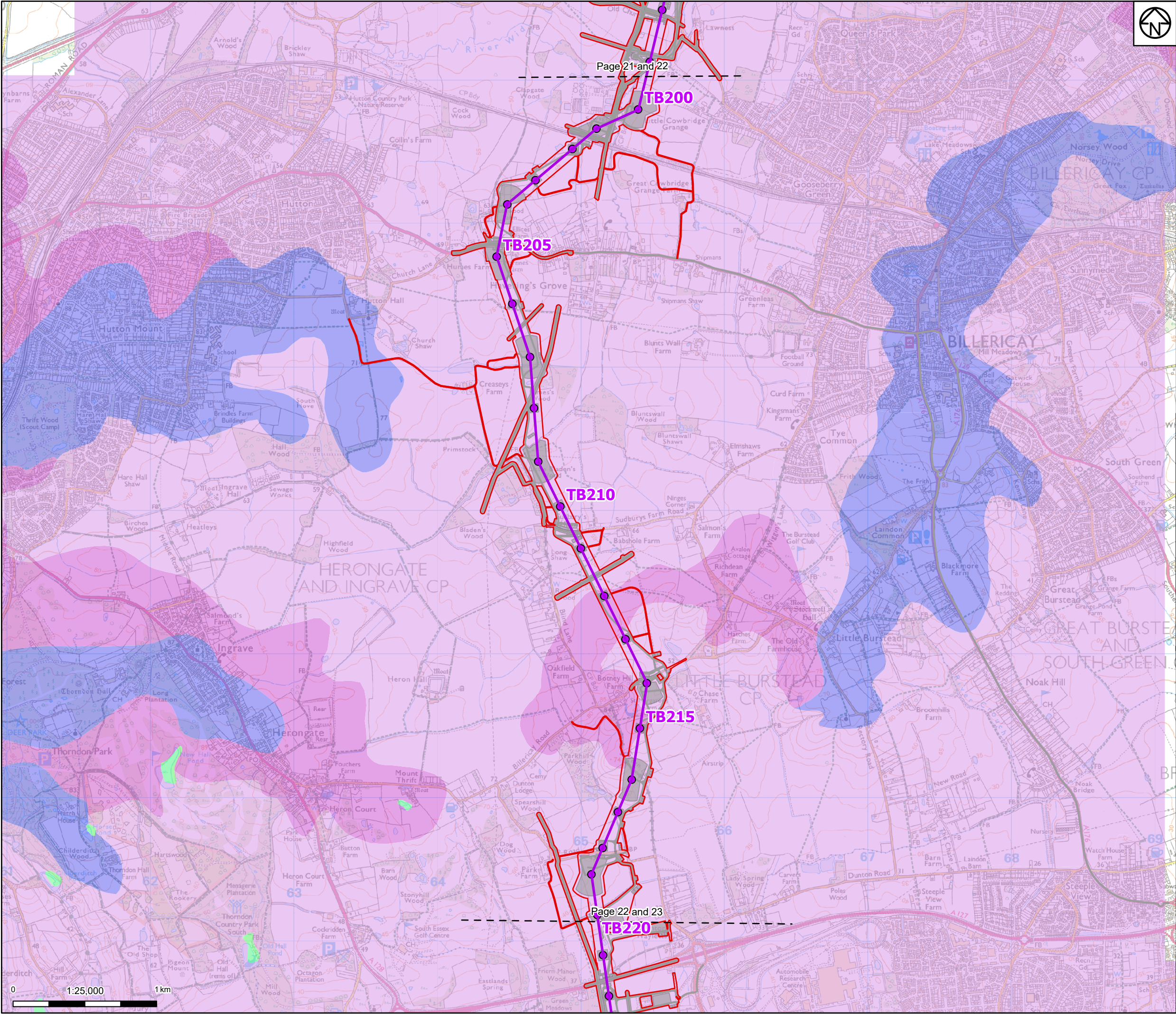
Title: Figure 6.6 - Agriculture and Soils Soilscapes Mapping Page 21 of 25

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Drawn	S. Bhandarkar	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

Soilscapes

Deep loam

Lake or water body

Seasonally wet deep clay

Seasonally wet deep loam to clay

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
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Title:  
  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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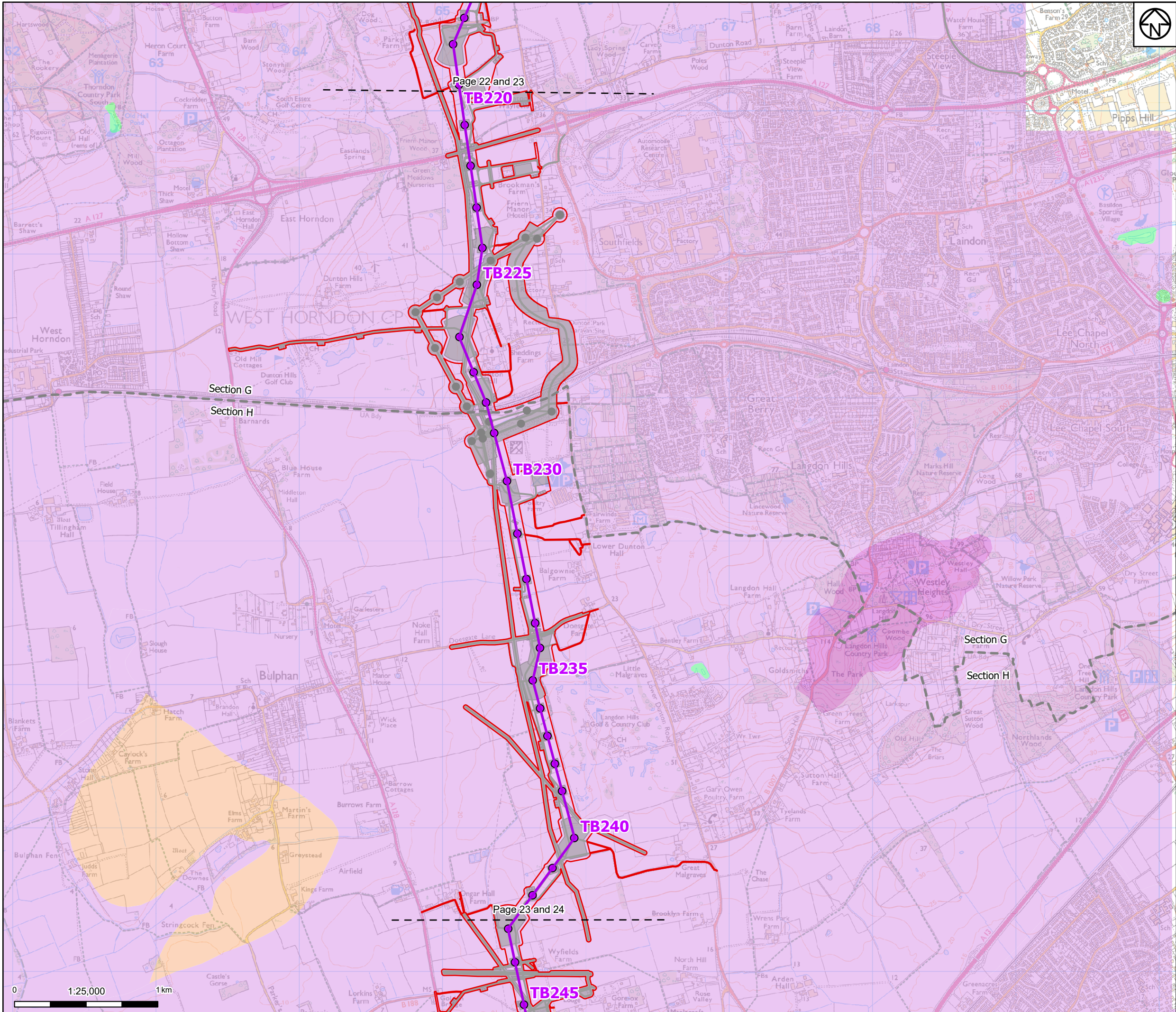
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Approved	K. Burrows	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
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- Legend**
- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works

- Discipline specific constraints**
- Soilscapes**
- Deep loam
  - Lake or water body
  - Loam over sandstone
  - Seasonally wet deep clay
  - Seasonally wet deep loam

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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nationalgrid Norwich to Tilbury

**Title:**  
Figure 6.6 - Agriculture and Soils  
Soilscapes Mapping  
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Designed	J. Glynn	Date	April 2024
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Approved	K. Burrows	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280

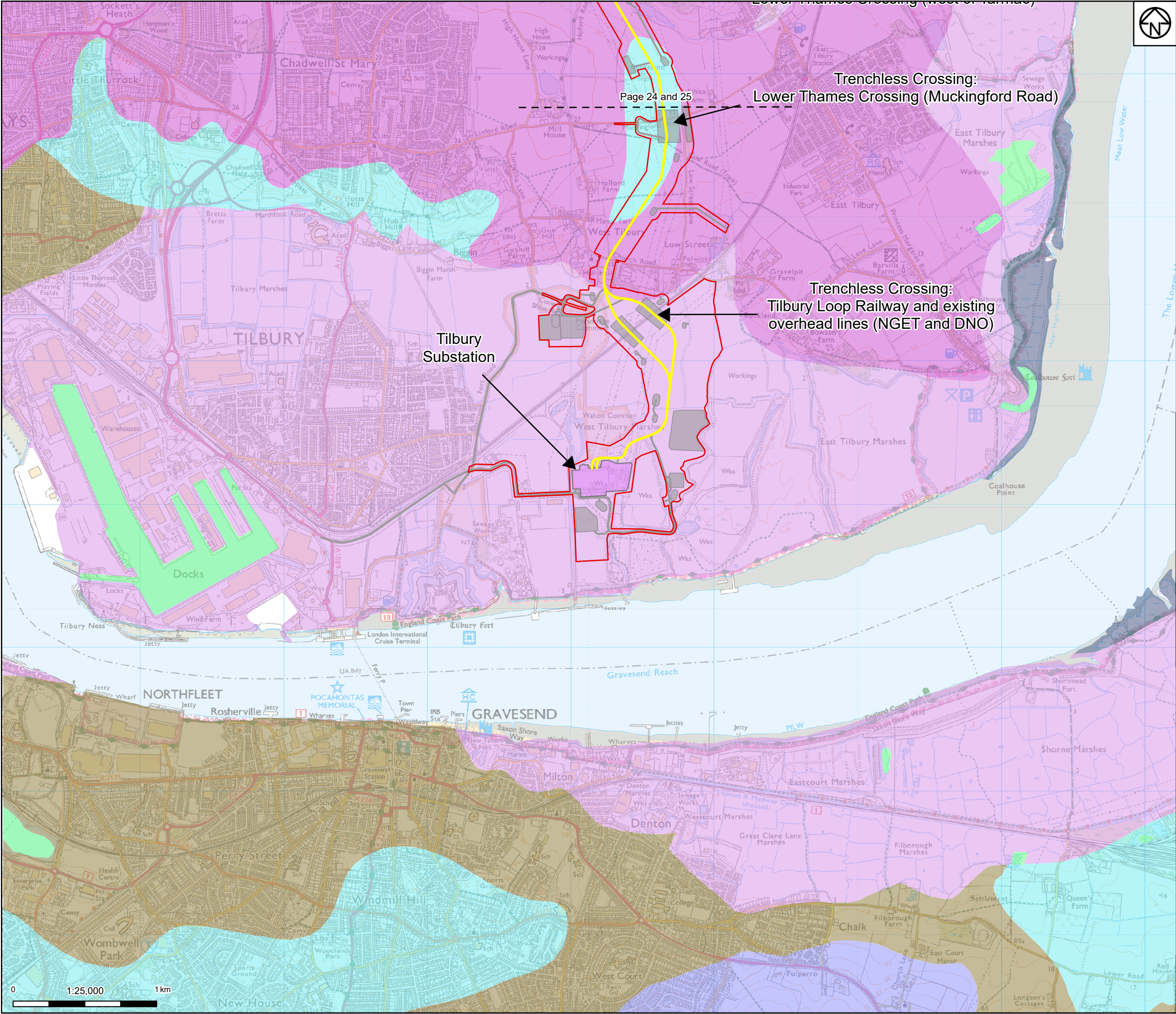
Accepted as Concept Stage

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10059280-ARC-ELS-ZZ-DR-ZZ-00087	A









Draft order limits

Proposed project design details

Proposed underground cable alignment

Existing substation

Other temporary and permanent construction and operational works

Discipline specific constraints

Soils

Deep loam

Lake or water body

Loam over chalk

Loam over sandstone

Saltmarsh

Seasonally wet deep clay

Silty over chalk

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Norwich

Cambridge

Ipswich

Chelmsford

Tilbury

London

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PROJECT: Norwich to Tilbury

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Figure 6.6 - Agriculture and Soils Soils

Soils

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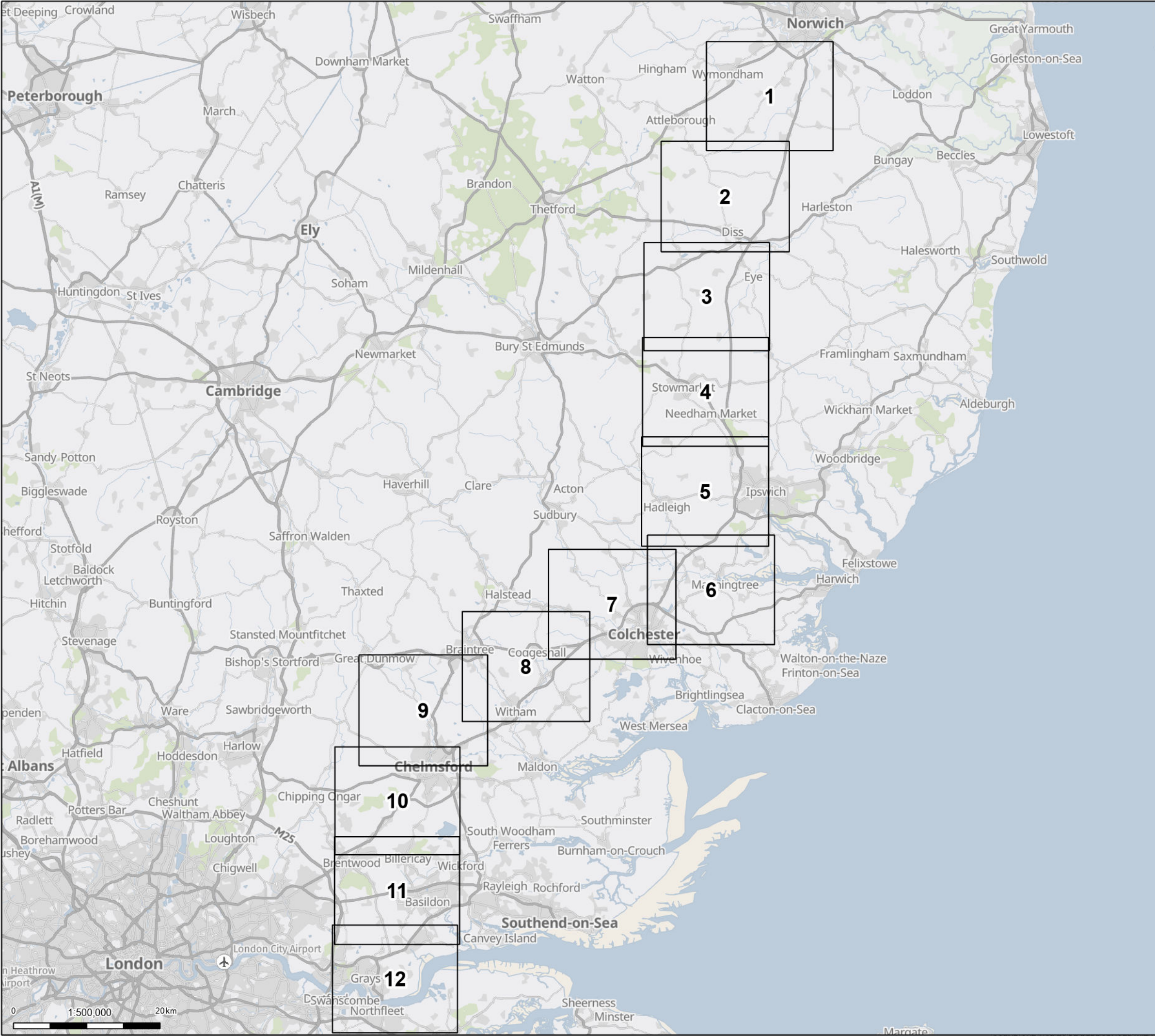
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Pages

Note: This figure has been revised. This does not affect the preliminary assessment in the PEIR. For more details we refer you to the Errata and Corrections Log (June 2024) on the Project website

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PROJECT:

Norwich to Tilbury

Title:

Figure 7.1 - Air Quality - Study Area and Constraints Overview

Designed	S. Gkino	Date	June 2024
Drawn	K. Fischer	Date	June 2024
Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:

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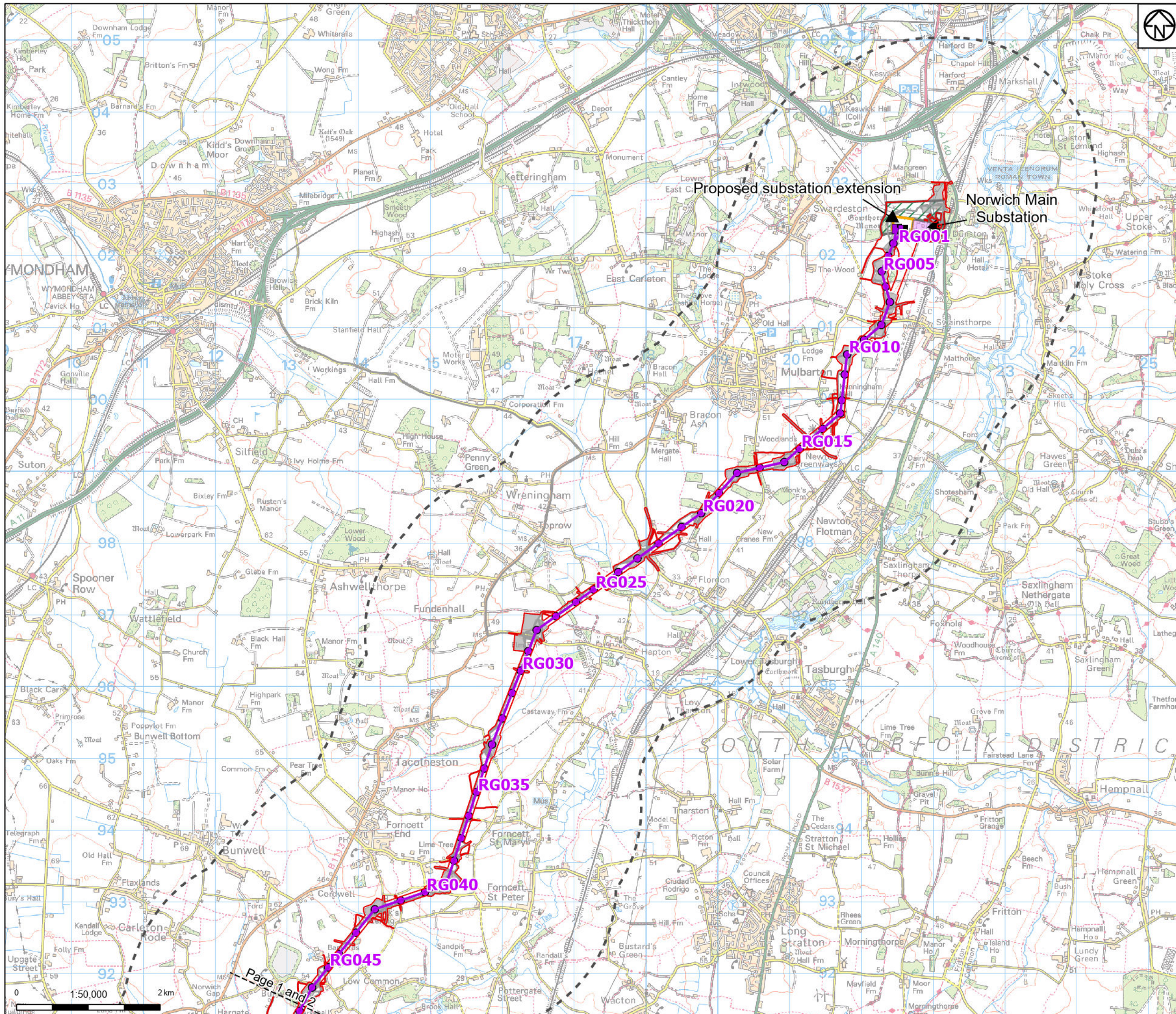
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10059280-ARC-EGN-ZZ-DR-ZZ-00151

Revision:

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Draft order limits

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed full line tension gantry

Proposed pylon position

Existing substation

Proposed substation extension

Other temporary and permanent construction and operational works

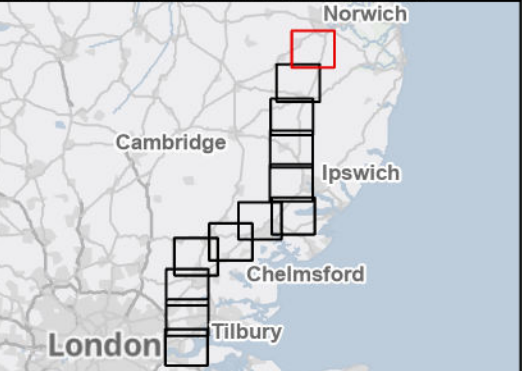
Proposed environmental areas

Discipline specific constraints

2km Study Area

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
Norwich to  
Tilbury

Title:

Figure 7.1 - Air Quality -  
Study Area and Constraints  
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Designed	S. Gkino	Date	June 2024
Drawn	K. Fischer	Date	June 2024
Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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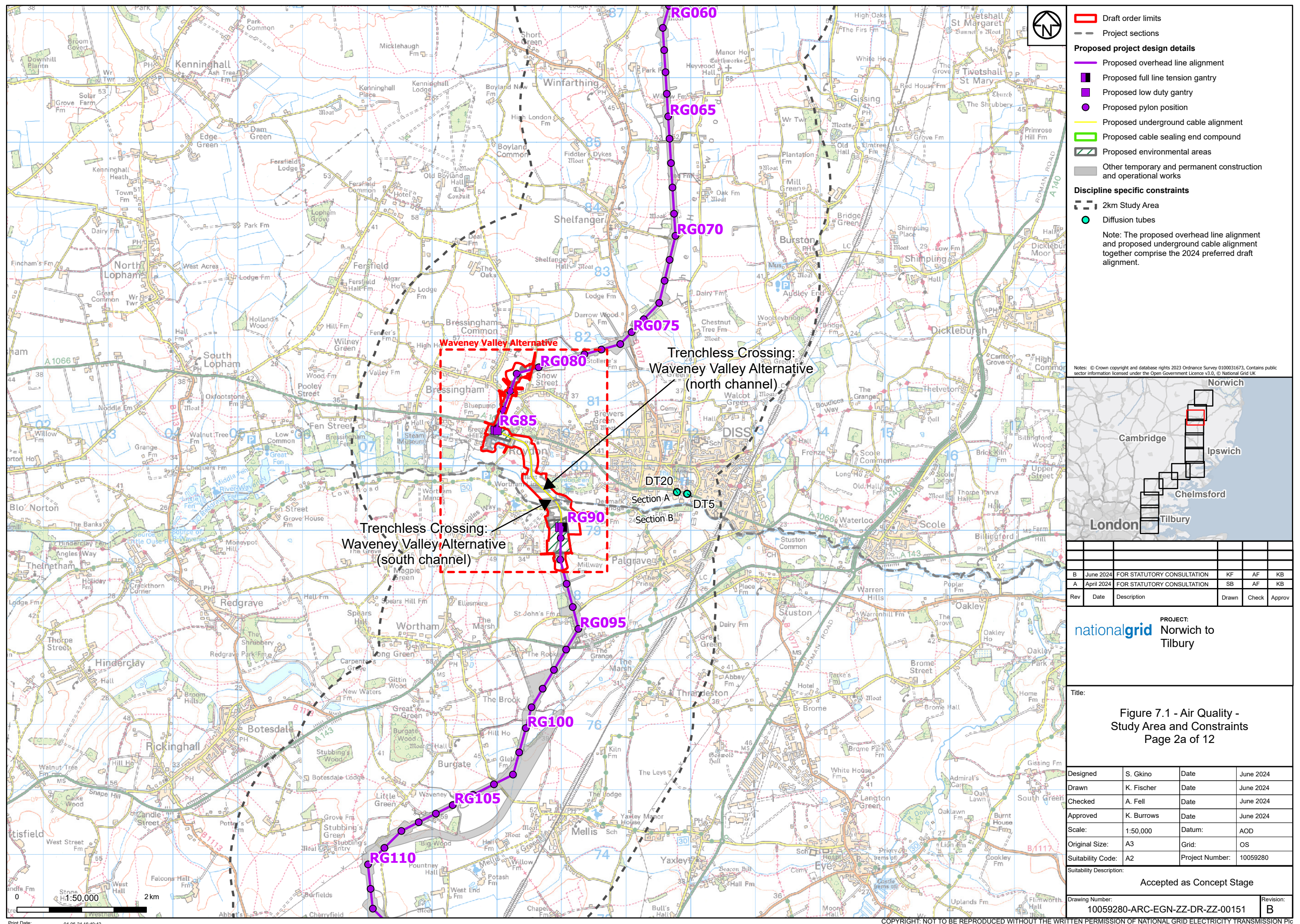
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Revision:  
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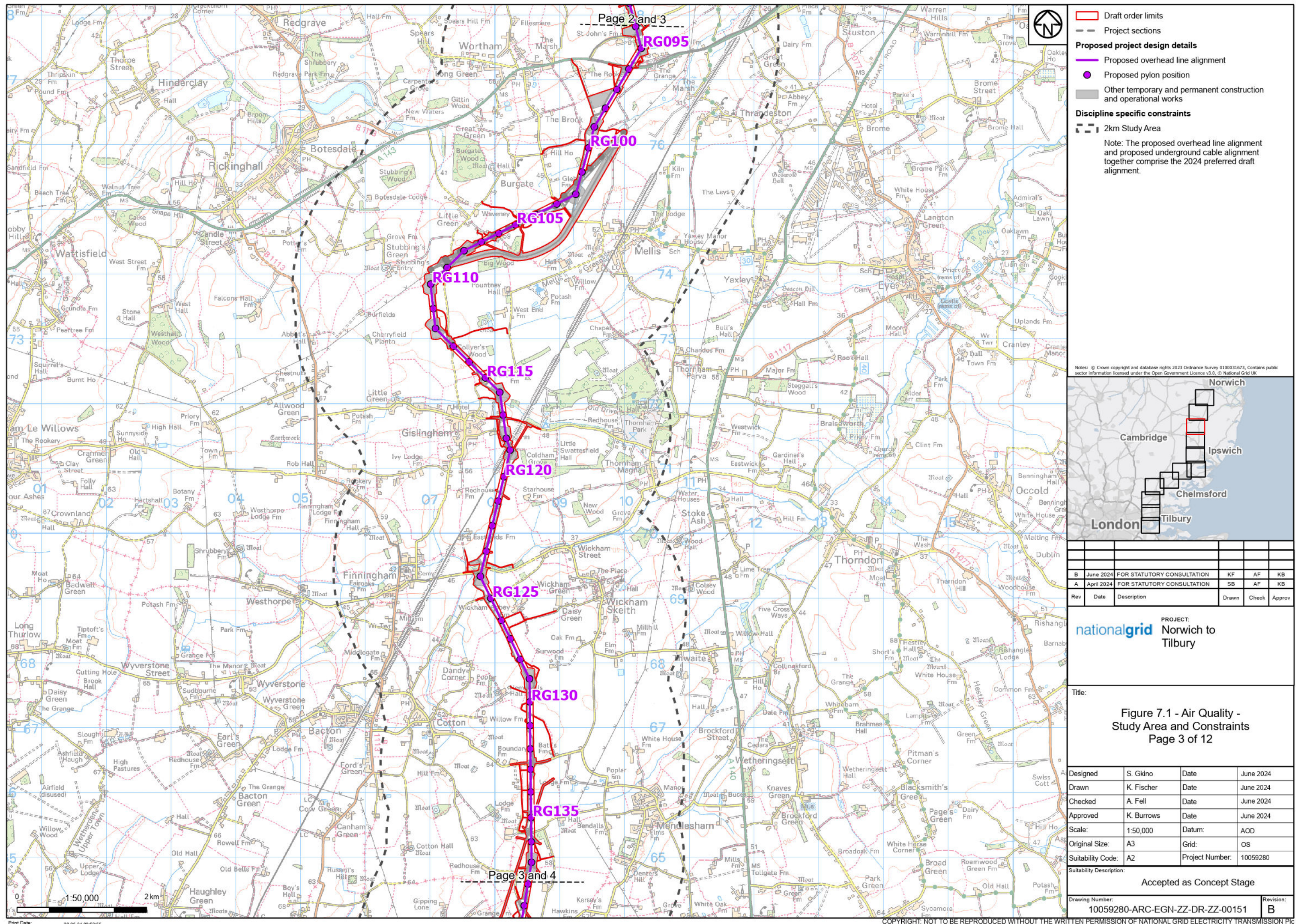




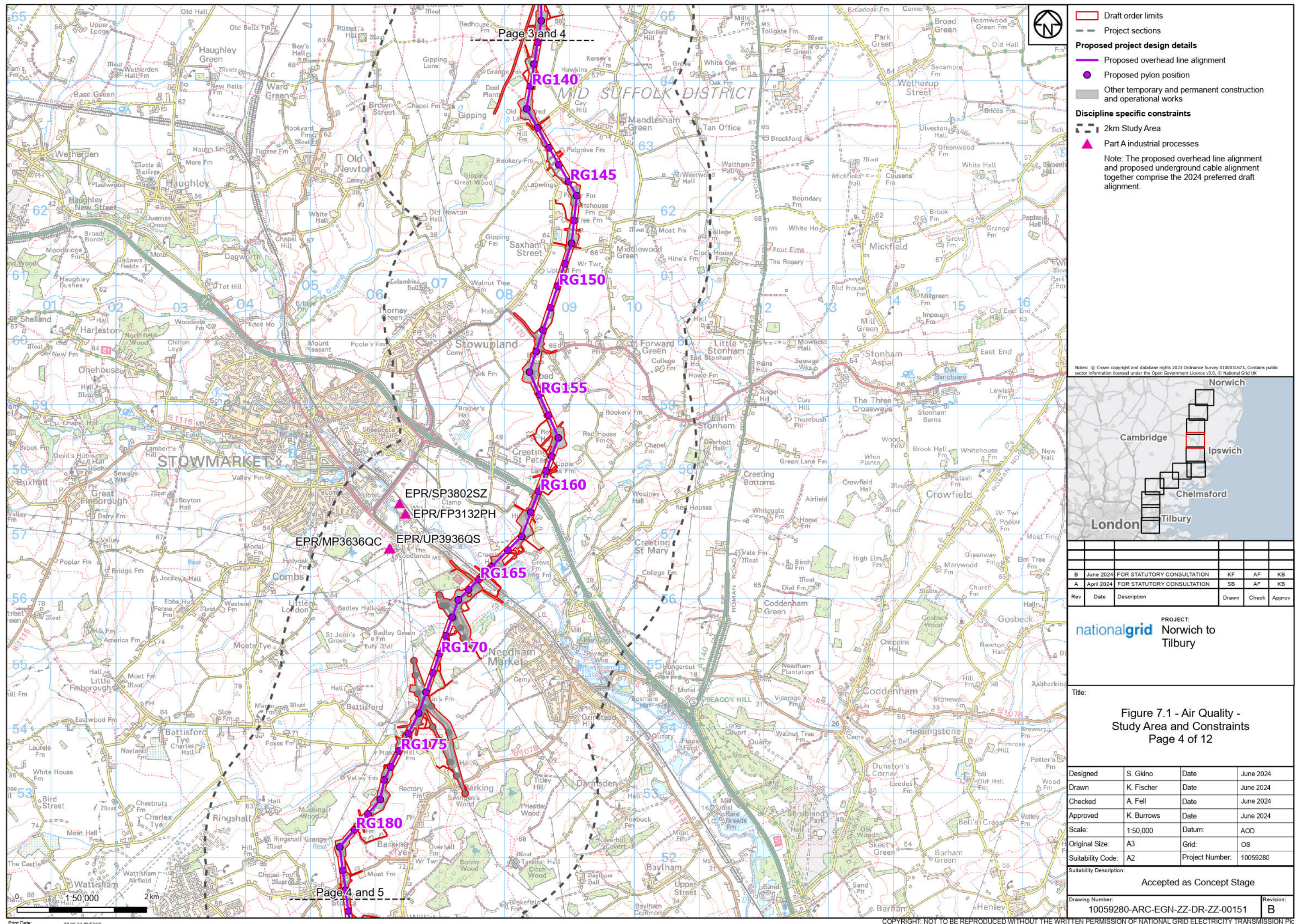




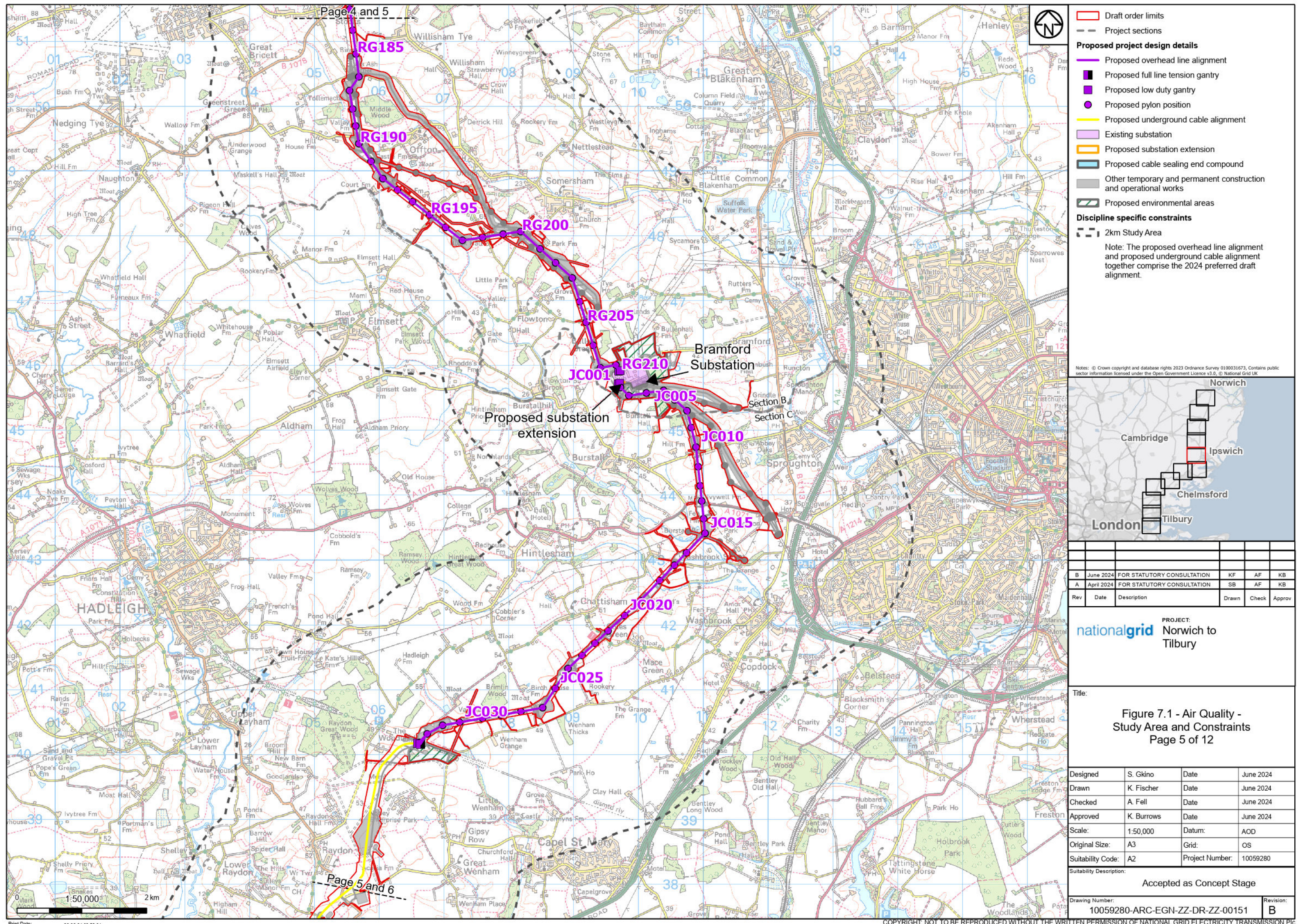




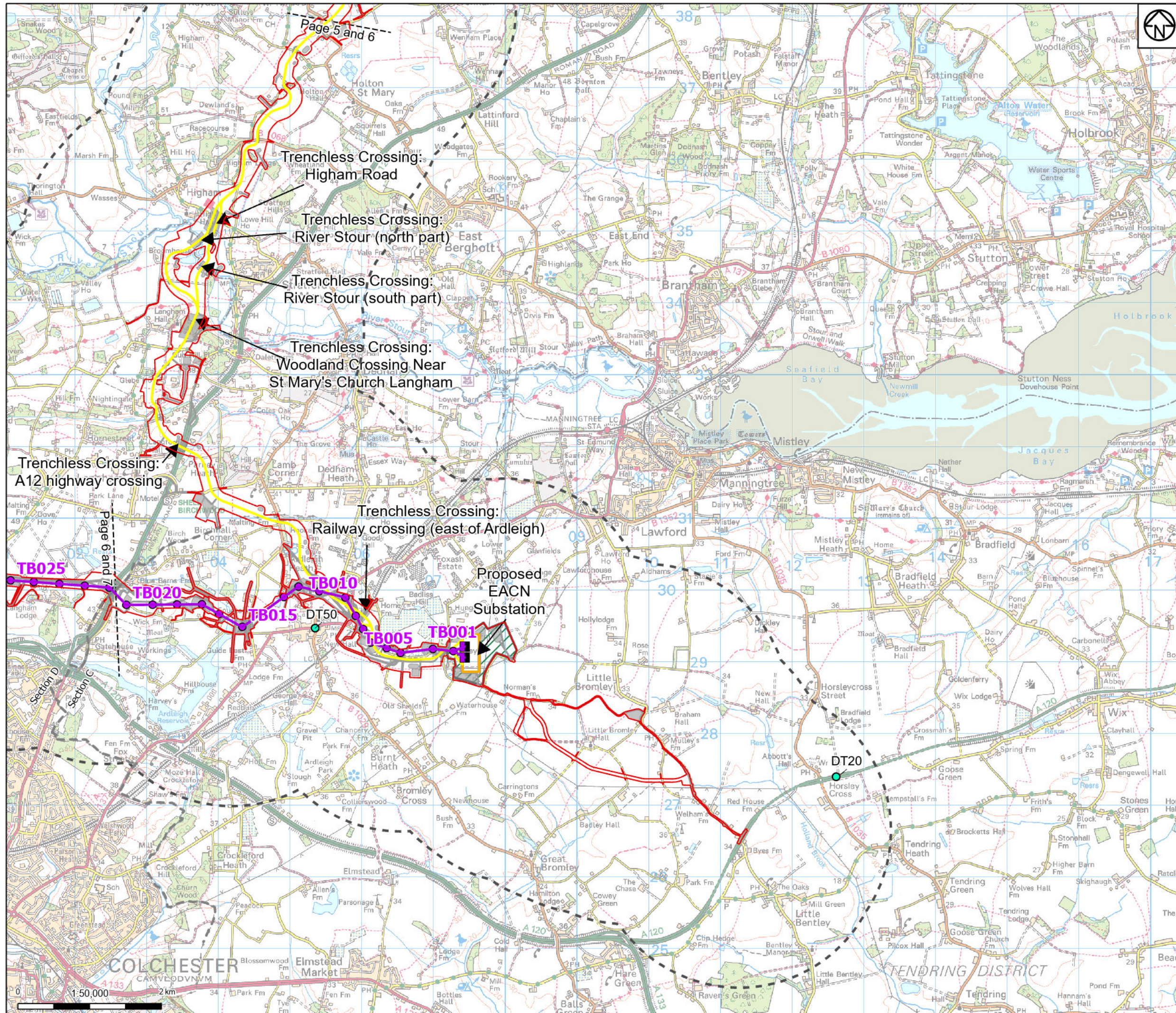












Draft order limits  
Project sections

**Proposed project design details**

- Proposed overhead line alignment
- Proposed full line tension gantry
- Proposed pylon position
- Proposed underground cable alignment
- Proposed EACN substation
- Other temporary and permanent construction and operational works
- Proposed environmental areas

**Discipline specific constraints**

- 2km Study Area
- Diffusion tubes

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
**Norwich to  
Tilbury**

Title:  
**Figure 7.1 - Air Quality -  
Study Area and Constraints  
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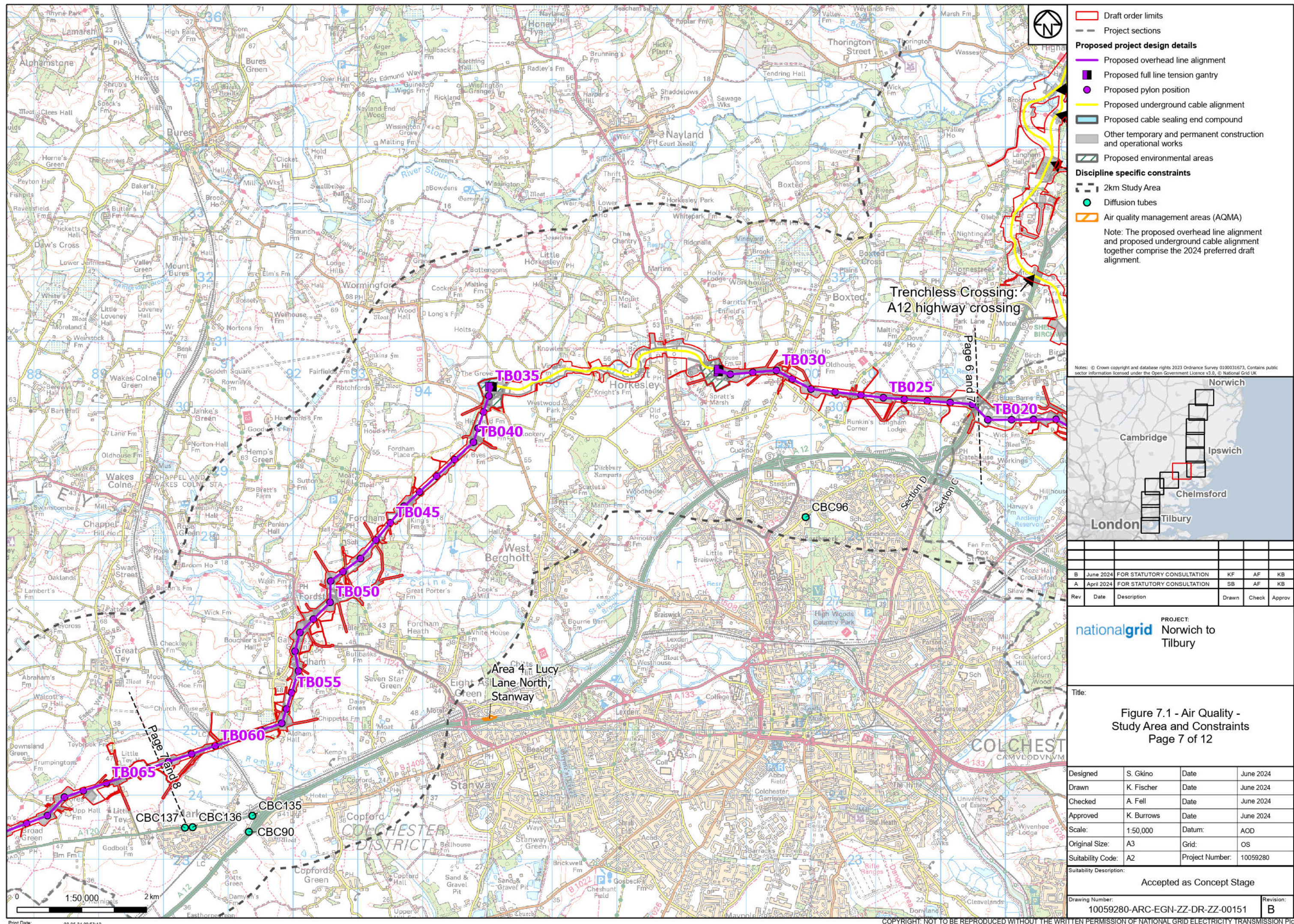
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Suitability Description:  
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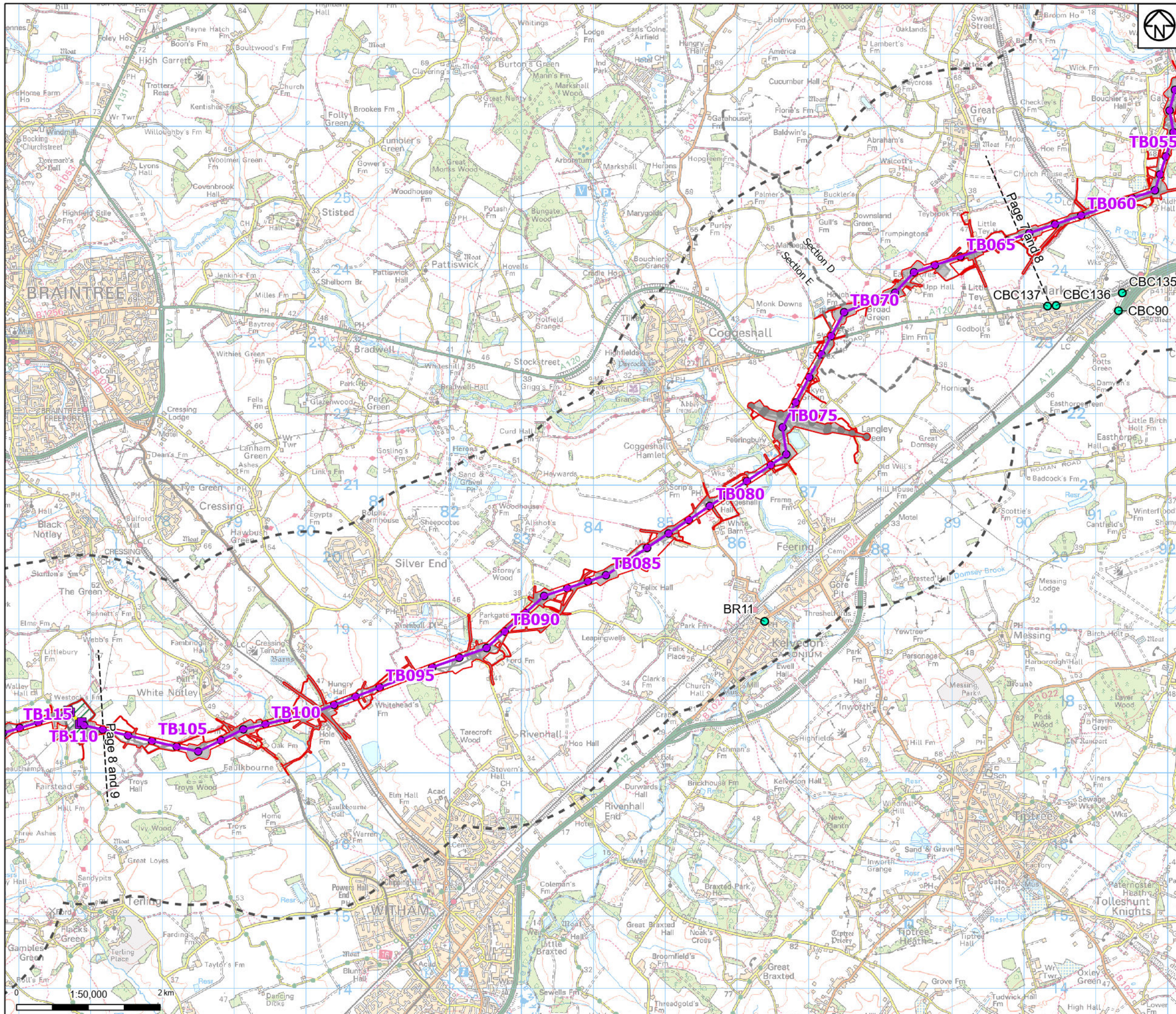
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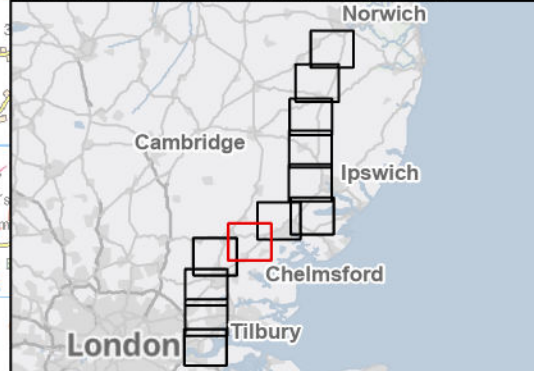






- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed low duty gantry
    - Proposed pylon position
    - Proposed underground cable alignment
    - Proposed cable sealing end compound
    - Other temporary and permanent construction and operational works
    - Proposed environmental areas
  - Discipline specific constraints**
    - 2km Study Area
    - Diffusion tubes
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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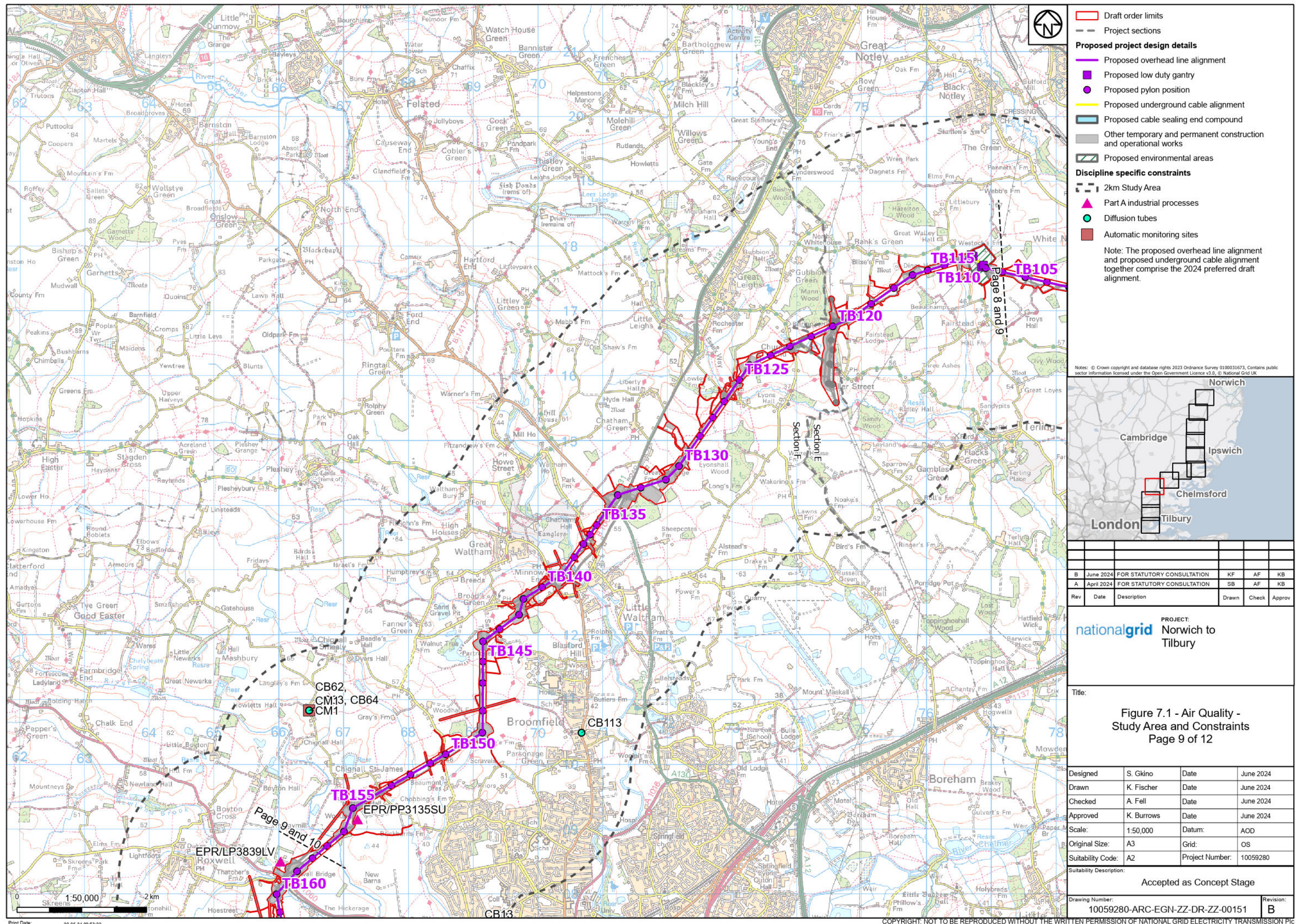
**PROJECT:**  
Norwich to Tilbury

**Title:**  
Figure 7.1 - Air Quality - Study Area and Constraints  
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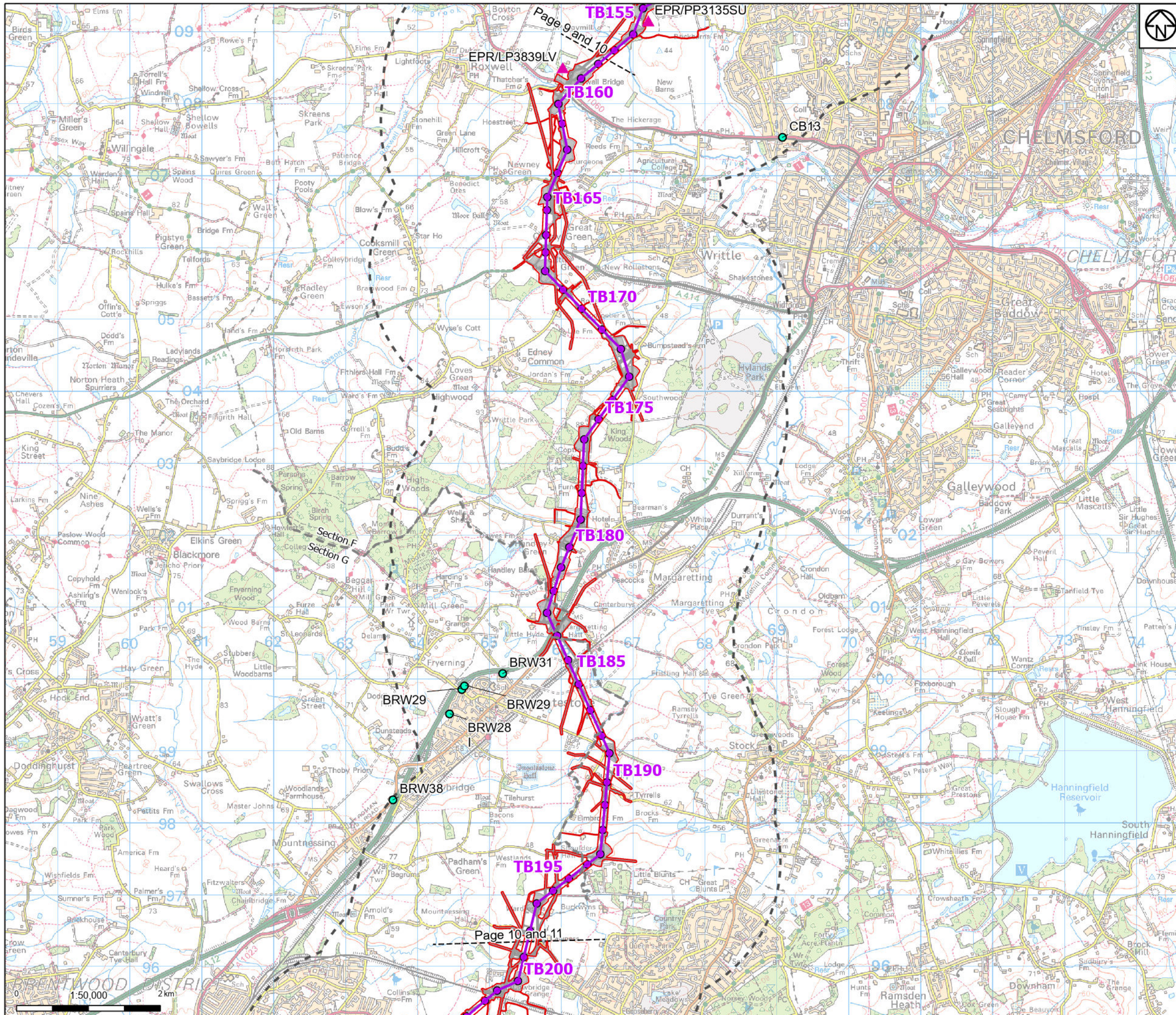
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Suitability Code:	A2	Project Number:	10059280

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- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed pylon position
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - 2km Study Area
  - Part A industrial processes
  - Diffusion tubes

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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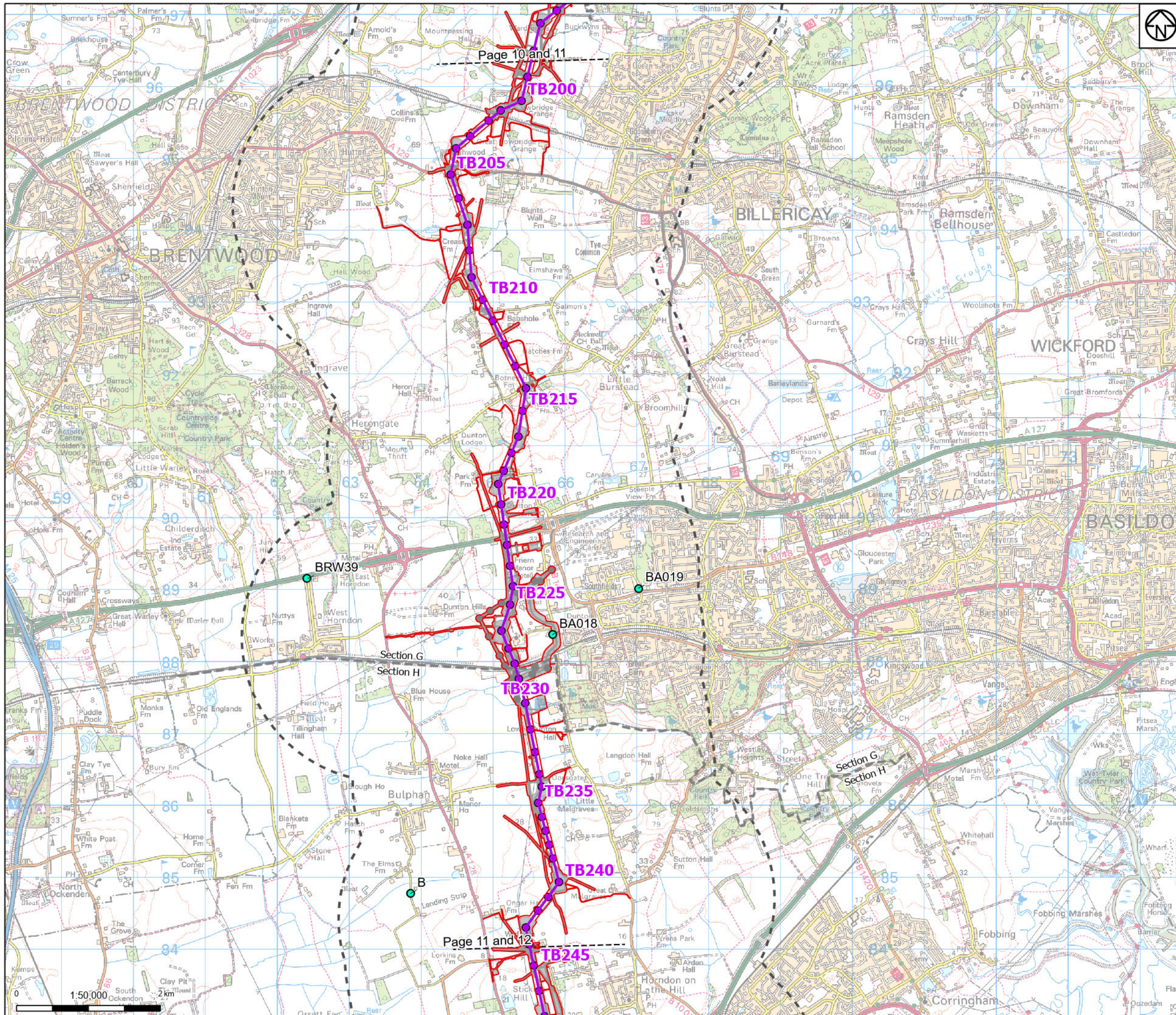
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**Figure 7.1 - Air Quality - Study Area and Constraints**  
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Approved	K. Burrows	Date	June 2024
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Suitability Code:	A2	Project Number:	10059280

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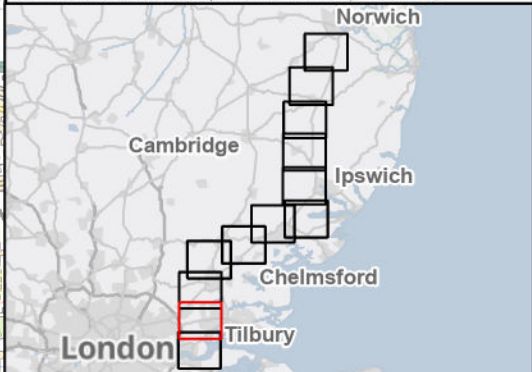
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- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - 2km Study Area
    - Diffusion tubes
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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**nationalgrid** Norwich to Tilbury

Title:  
**Figure 7.1 - Air Quality - Study Area and Constraints**  
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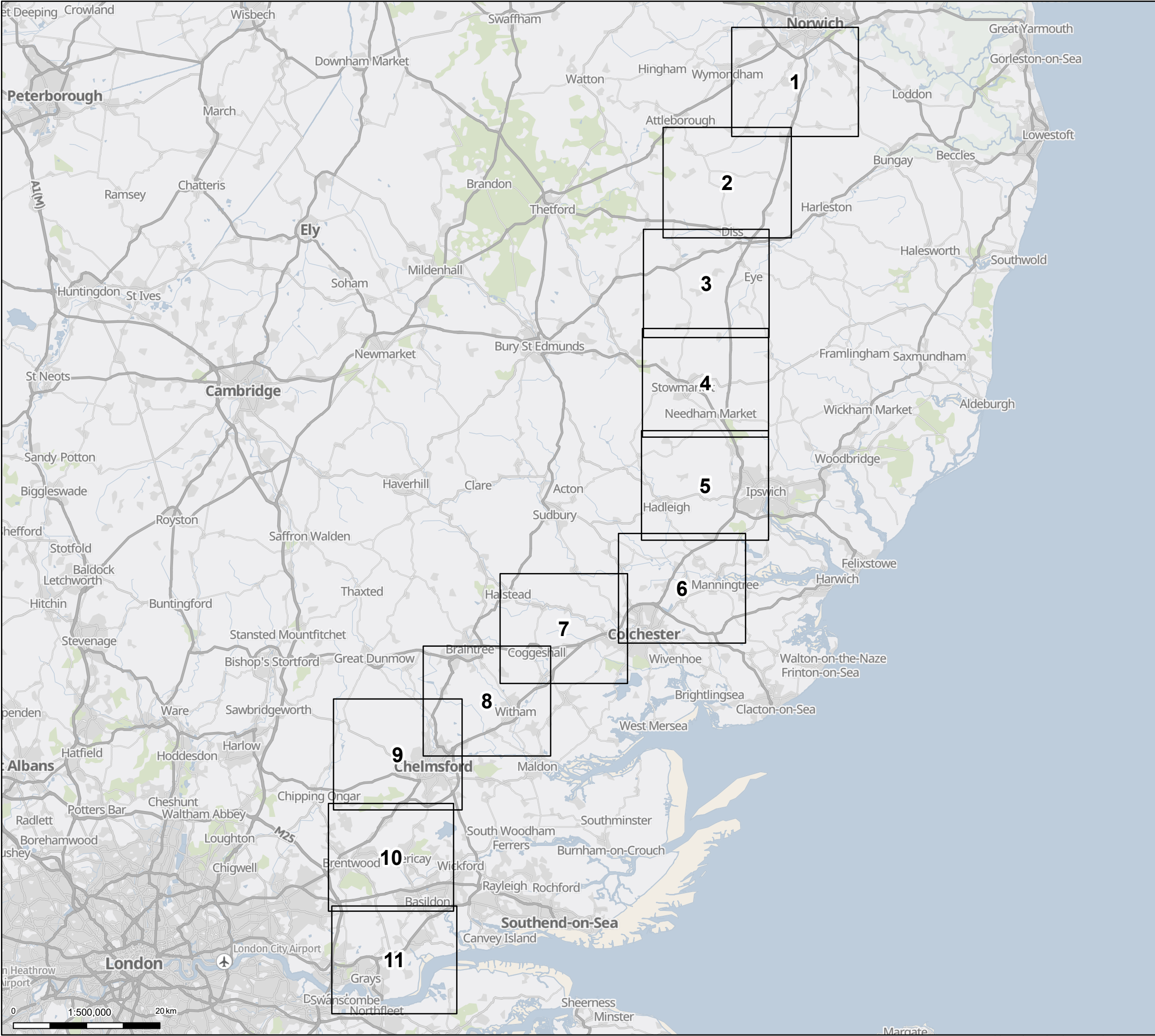
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Tilbury

Title:  
  
Figure 7.2 - Air Quality -  
Background Concentrations (2019)  
Overview

Designed	S. Gkino	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
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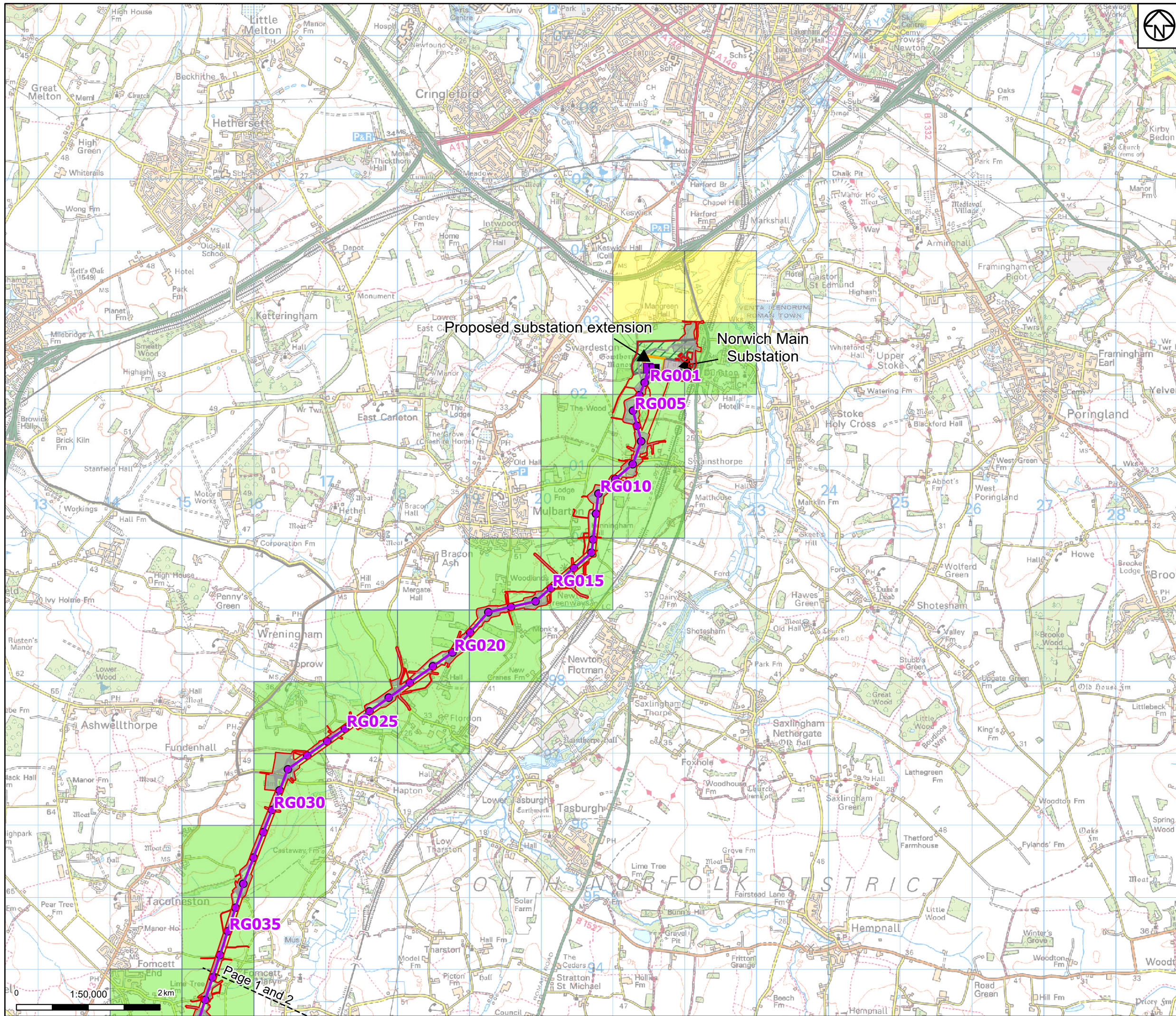
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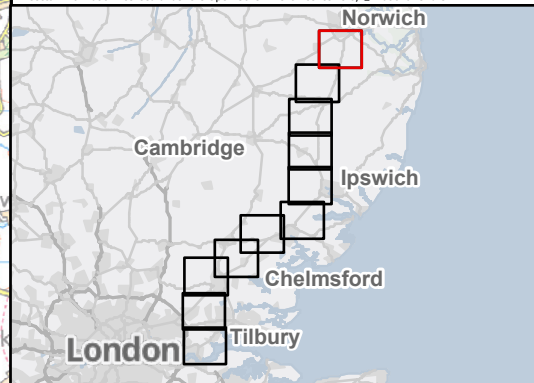




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed full line tension gantry
  - Proposed pylon position
  - Existing substation
  - Proposed substation extension
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)
    - Less than 10 µg/m<sup>3</sup>
    - 10-20 µg/m<sup>3</sup>

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Title:  
  
Figure 7.2 - Air Quality -  
Background Concentrations (2019)  
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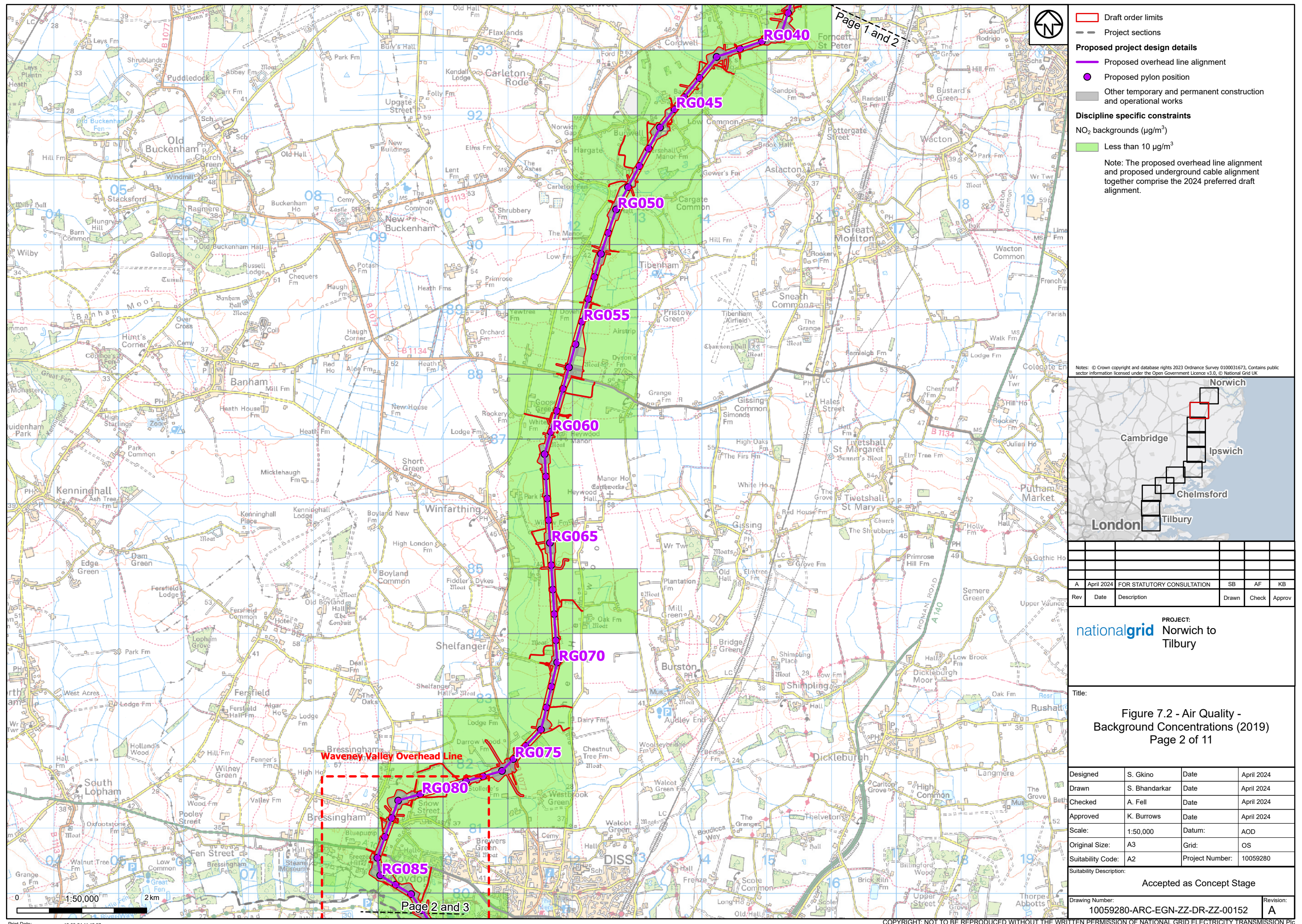
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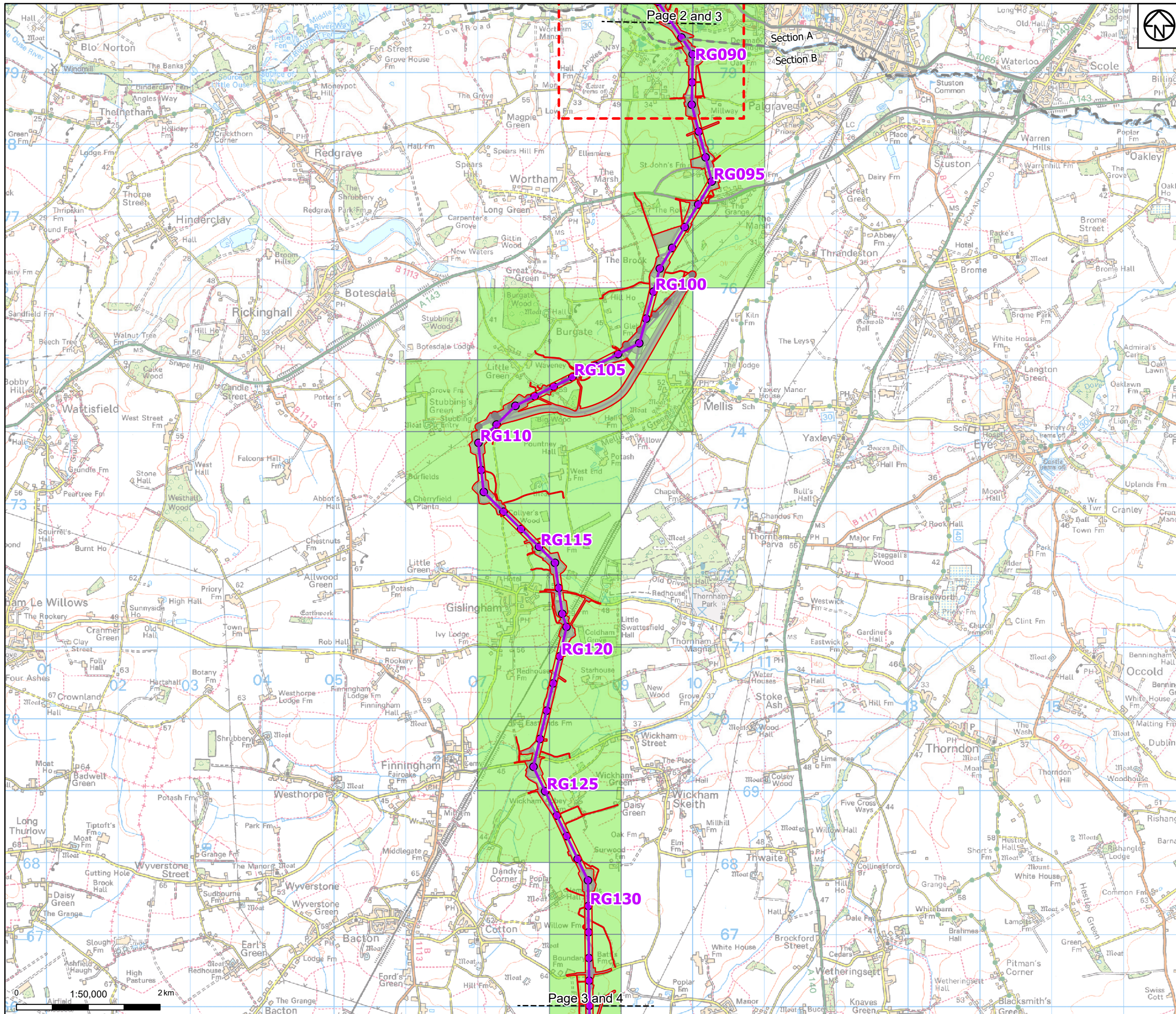
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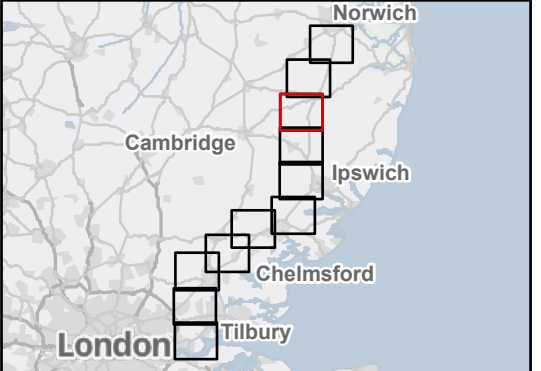






- Draft order limits
  - Project sections
  - Proposed project design details
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints
    - NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)
      - Less than 10 µg/m<sup>3</sup>
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

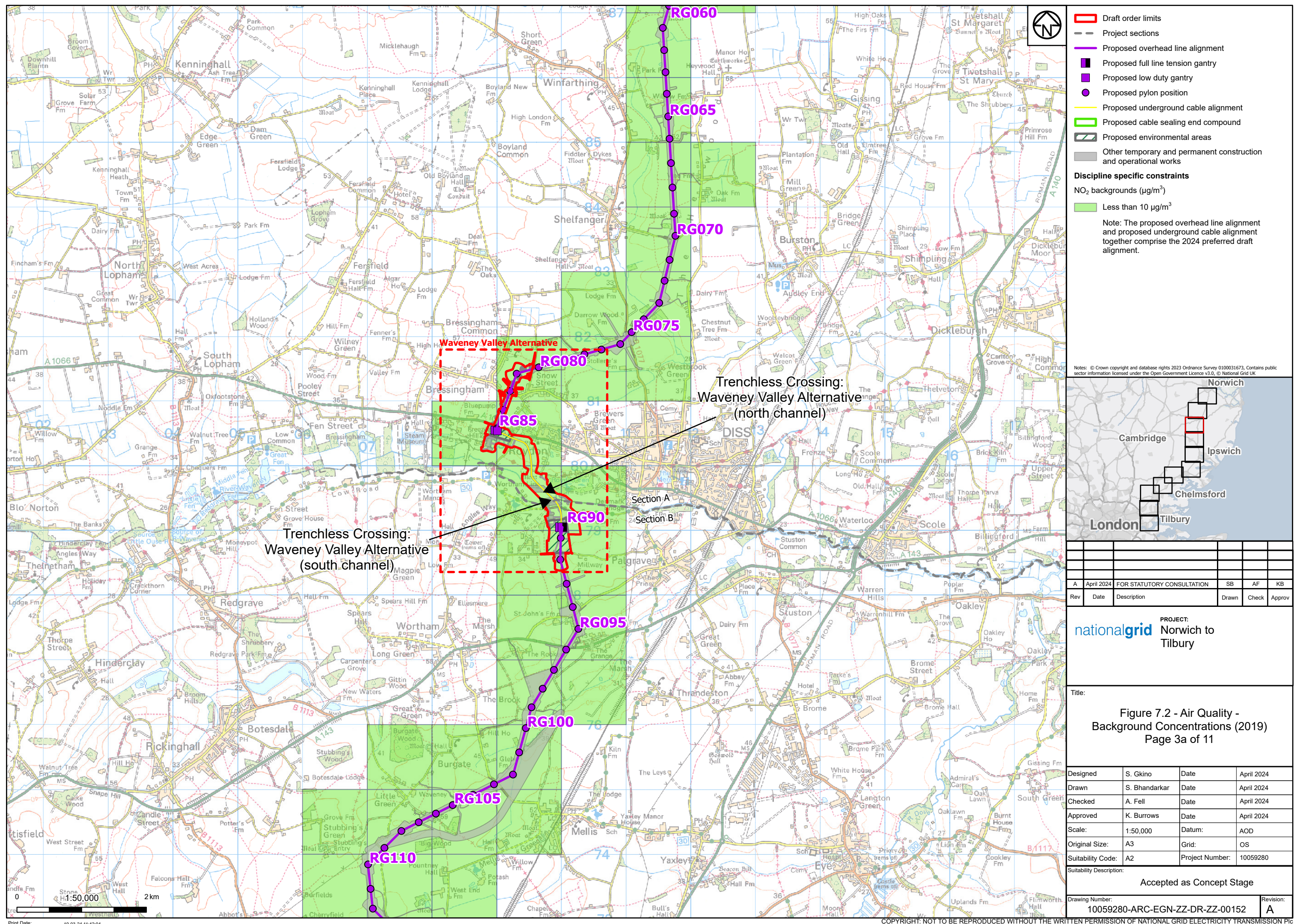
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**Figure 7.2 - Air Quality - Background Concentrations (2019)**  
Page 3 of 11

Designed	S. Gkino	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:50,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

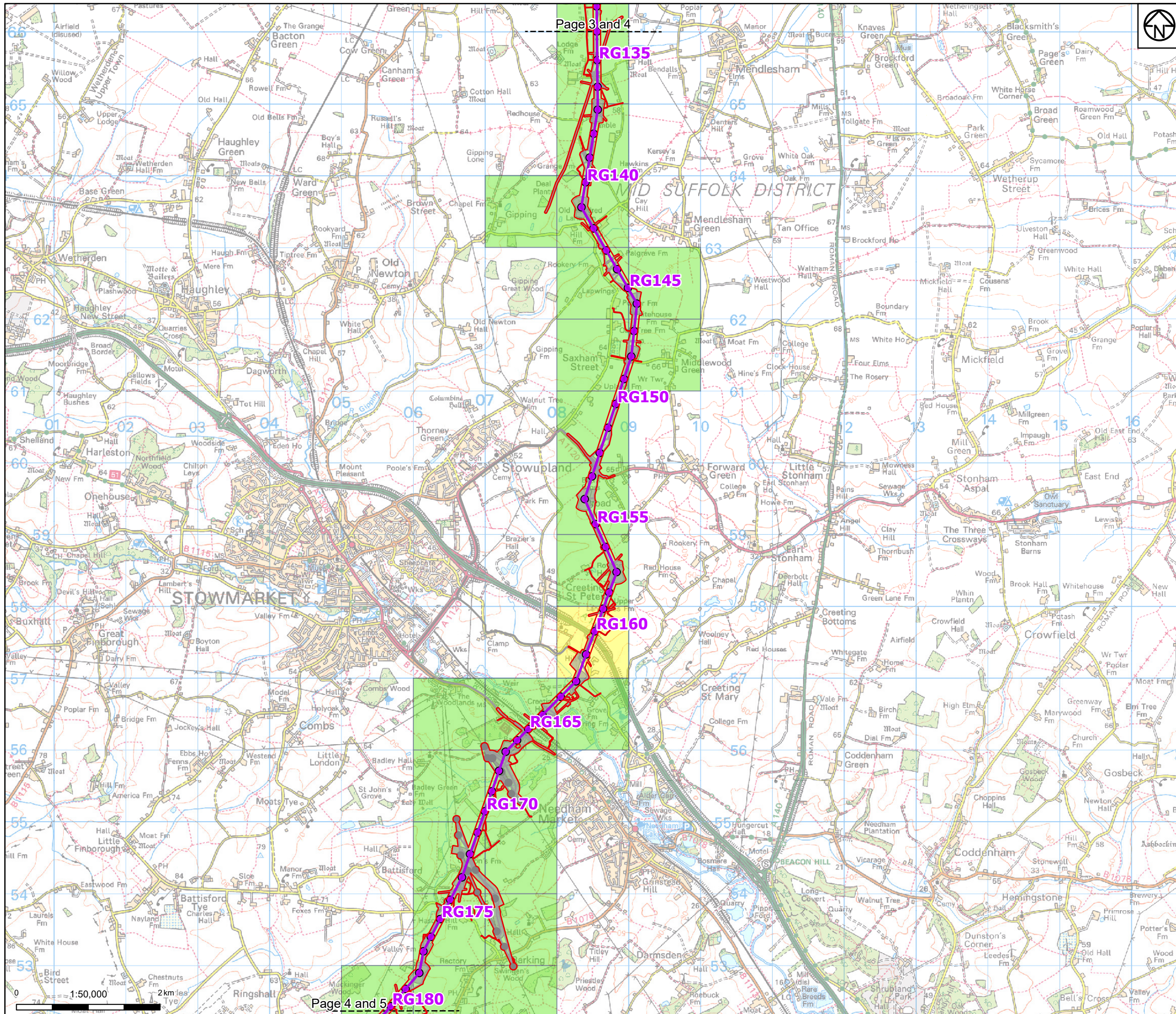
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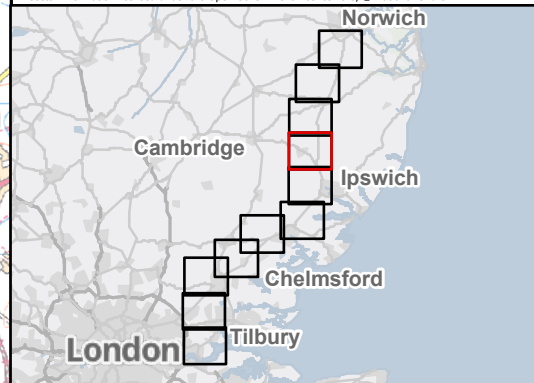




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed pylon position
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)
    - Less than 10 µg/m<sup>3</sup>
    - 10-20 µg/m<sup>3</sup>

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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 PROJECT: Norwich to Tilbury

Title: Figure 7.2 - Air Quality - Background Concentrations (2019) Page 4 of 11

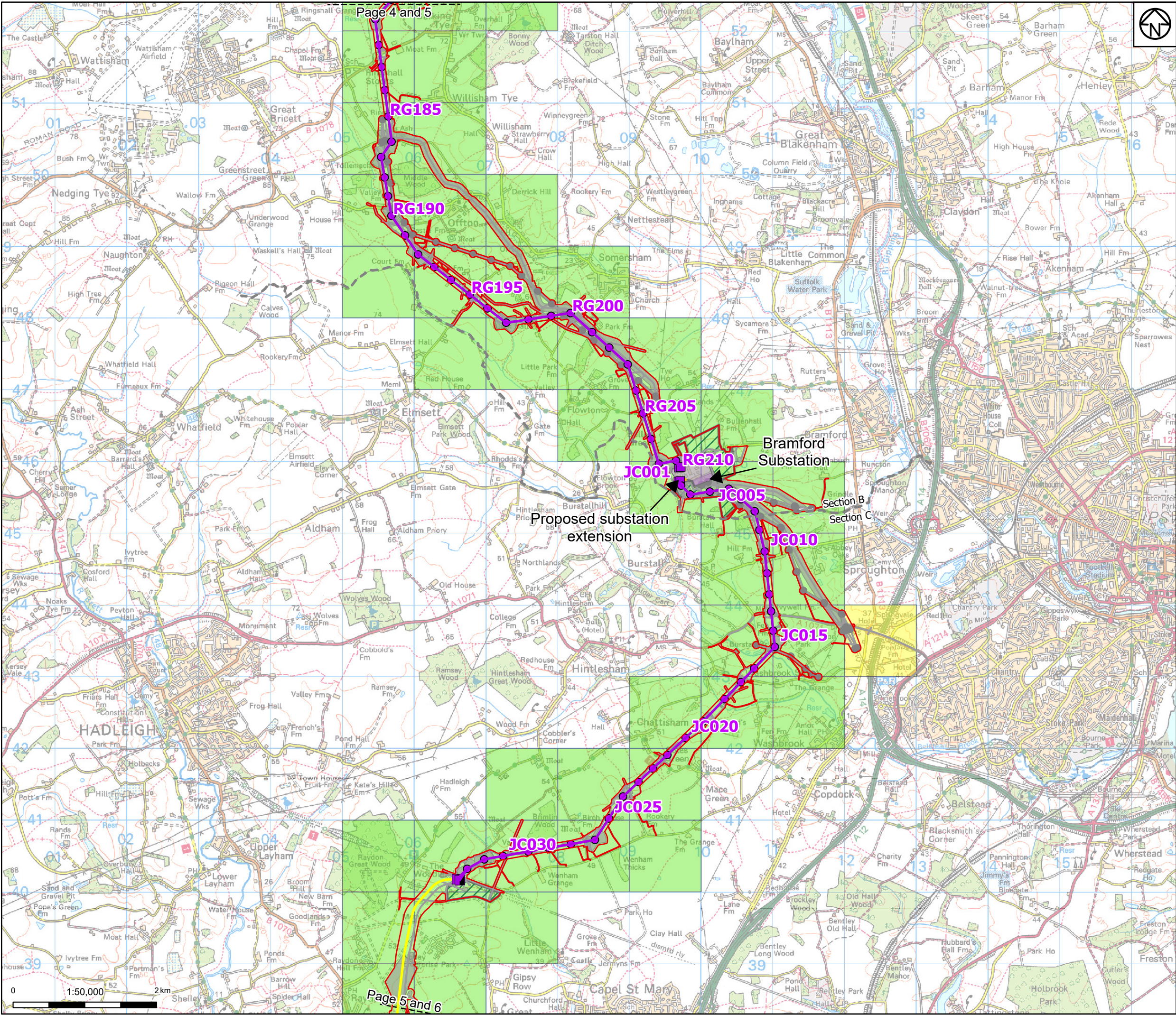
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Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
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Draft order limits

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed full line tension gantry

Proposed low duty gantry

Proposed pylon position

Proposed underground cable alignment

Existing substation

Proposed substation extension

Proposed cable sealing end compound

Proposed environmental areas

Other temporary and permanent construction and operational works

Discipline specific constraints

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Norwich to Tilbury

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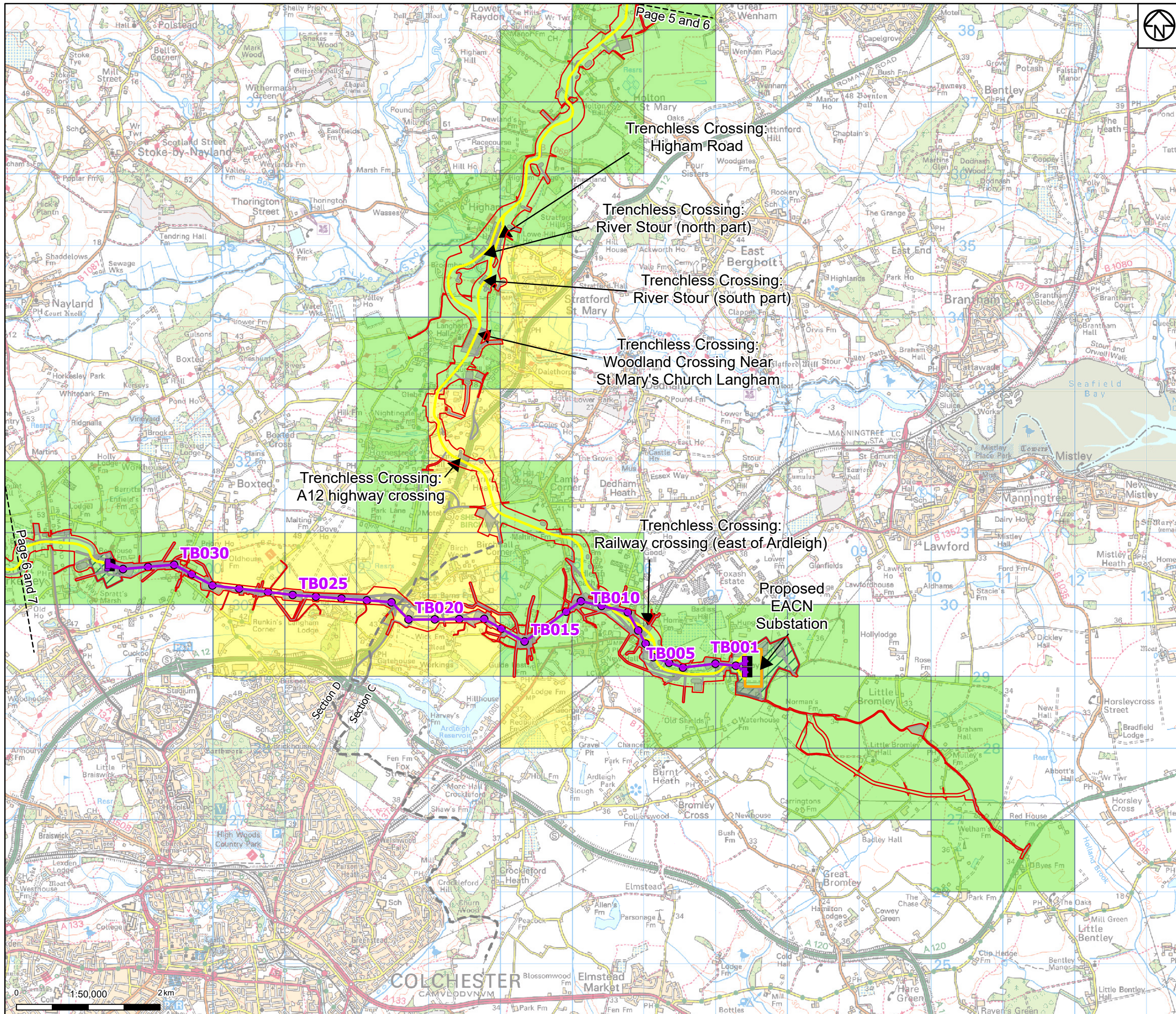
Figure 7.2 - Air Quality - Background Concentrations (2019)  
Page 5 of 11

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Suitability Description:			
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Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00152			Revision: A

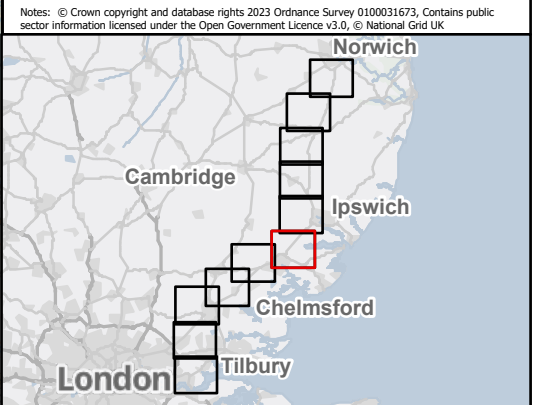
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- Draft order limits
- Project sections
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  - Proposed full line tension gantry
  - Proposed pylon position
  - Proposed underground cable alignment
  - Proposed EACN substation
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
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Figure 7.2 - Air Quality - Background Concentrations (2019)  
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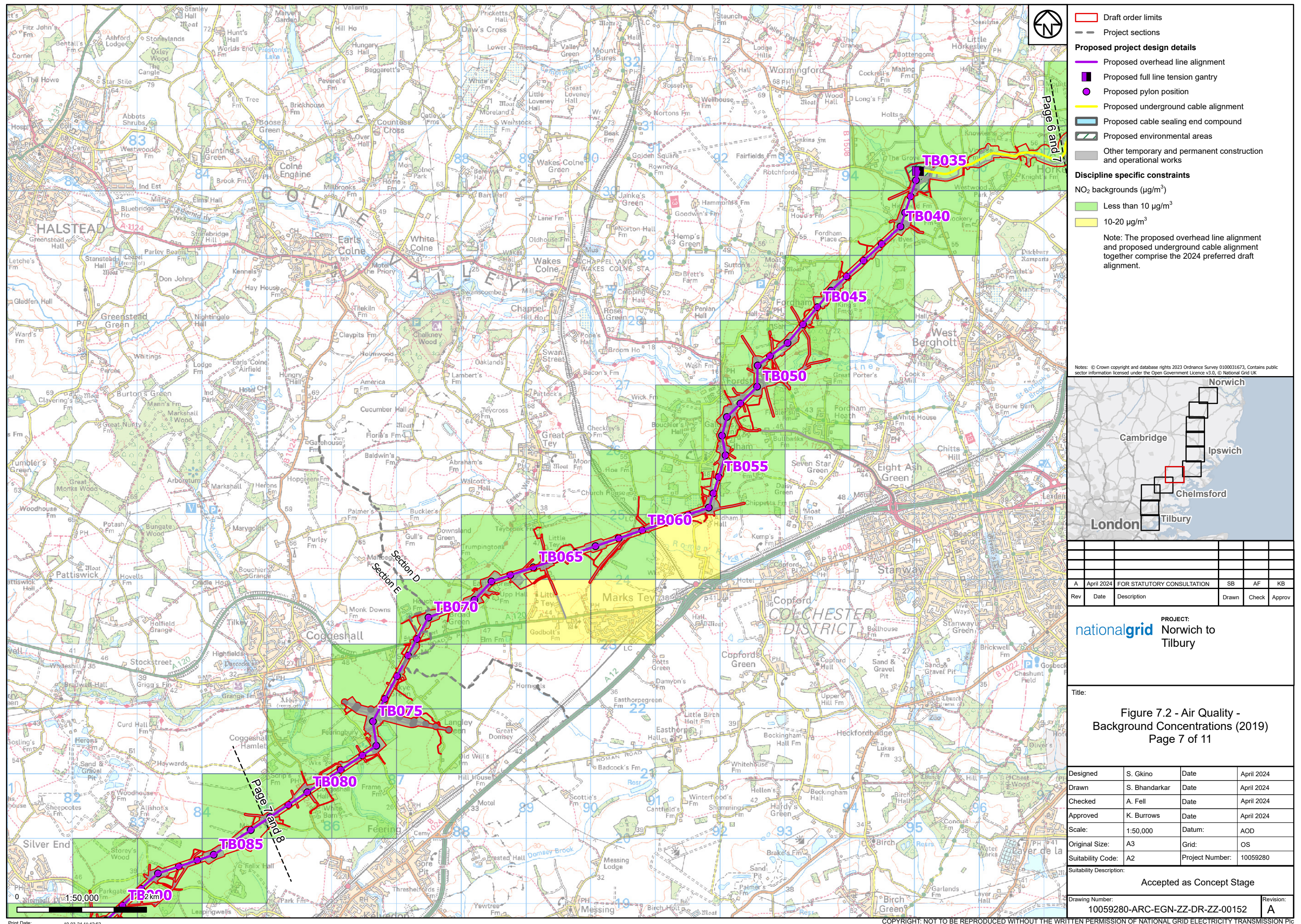
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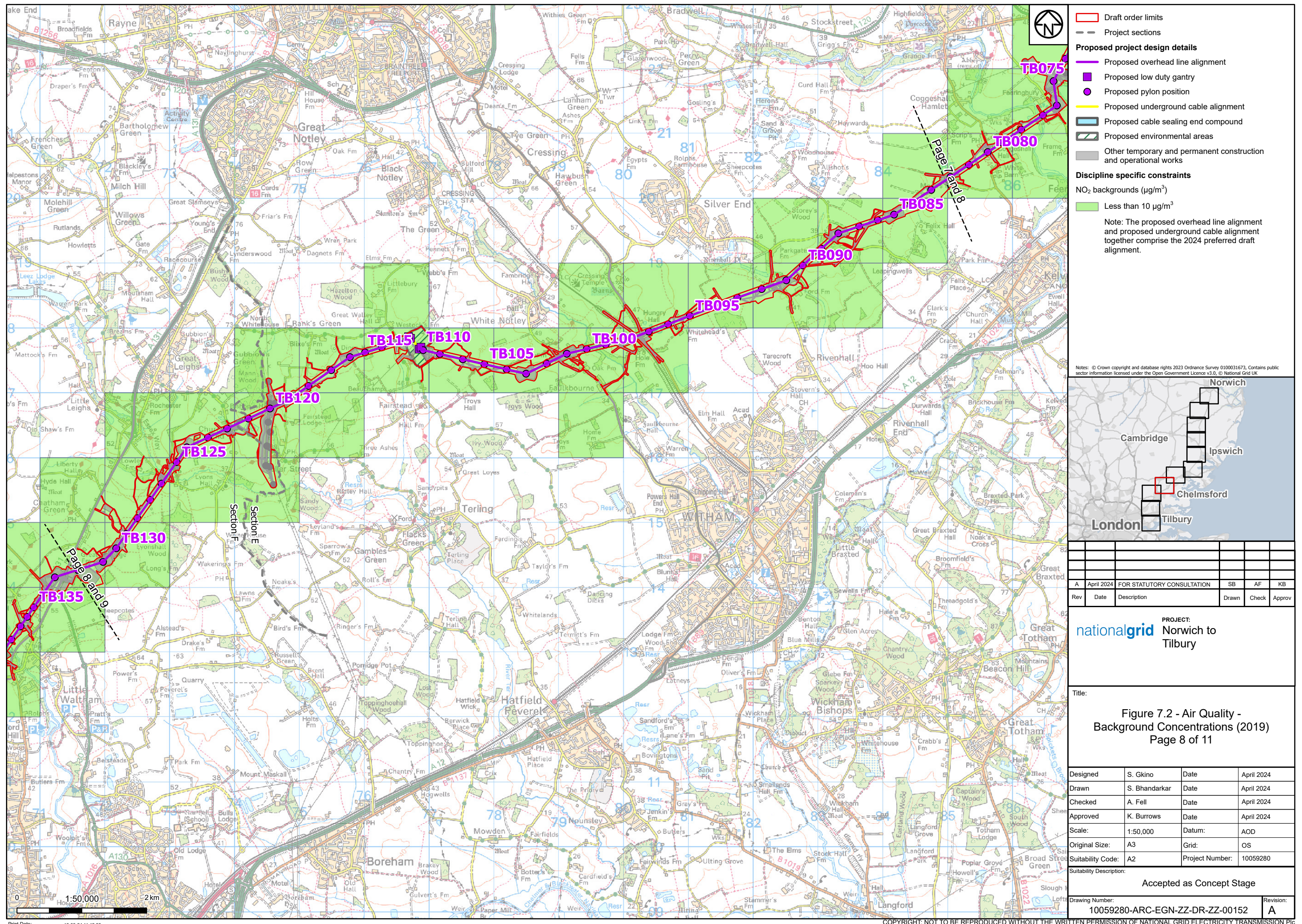
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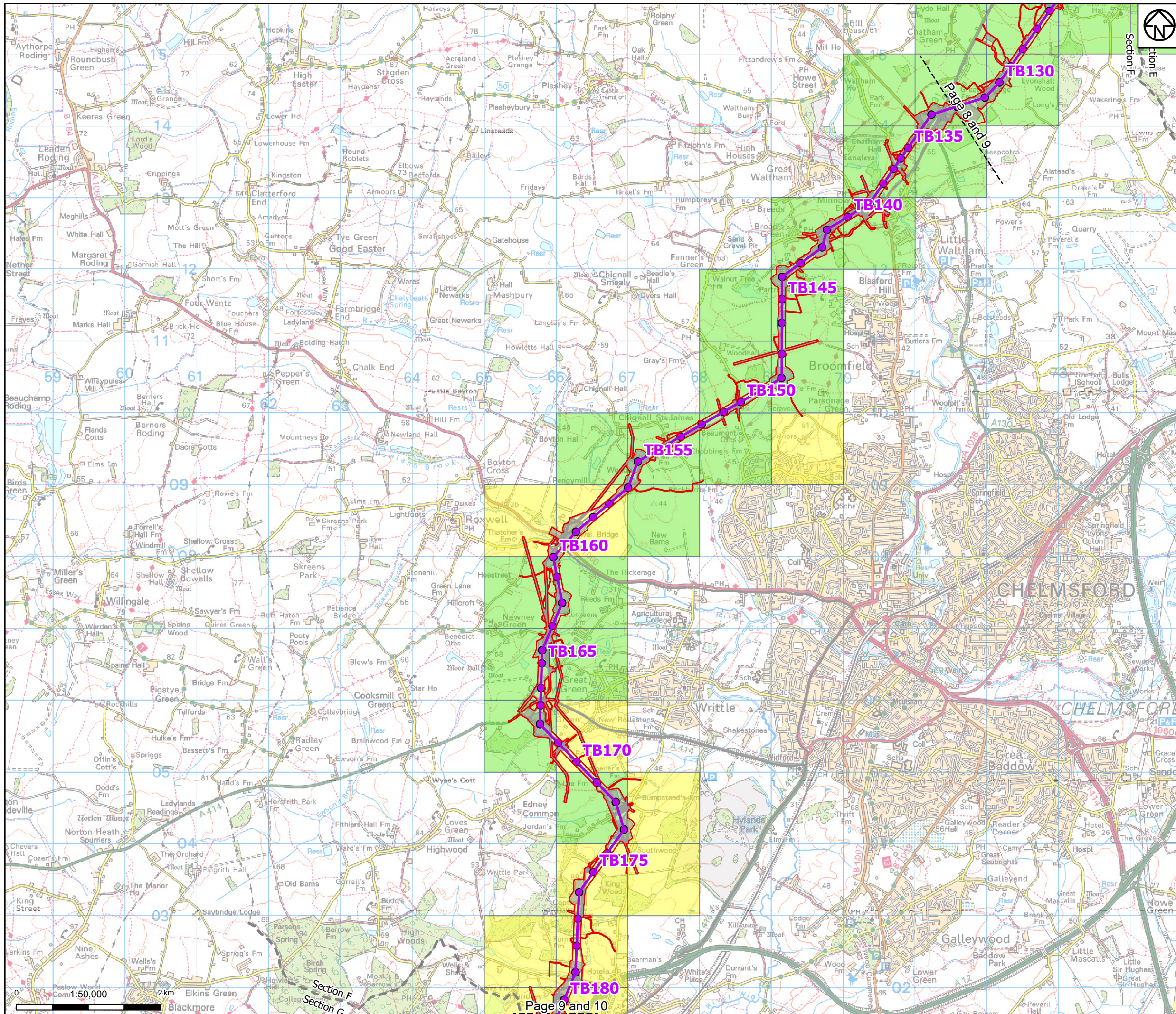












Draft order limits

Project sections

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

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Norwich

Cambridge

Ipswich

Chelmsford

Tilbury

London

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PROJECT:

Norwich to Tilbury

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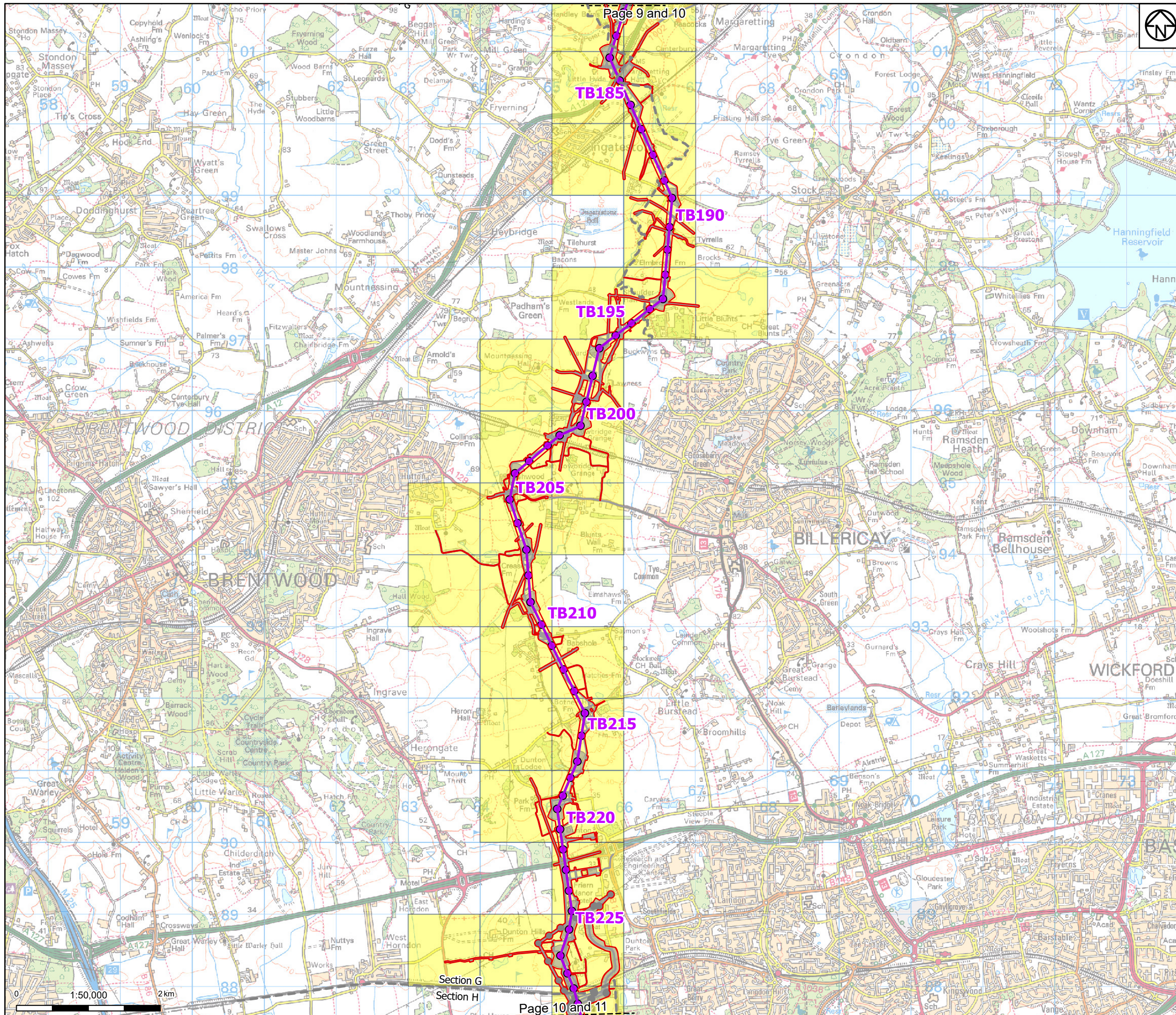
Figure 7.2 - Air Quality - Background Concentrations (2019) Page 9 of 11

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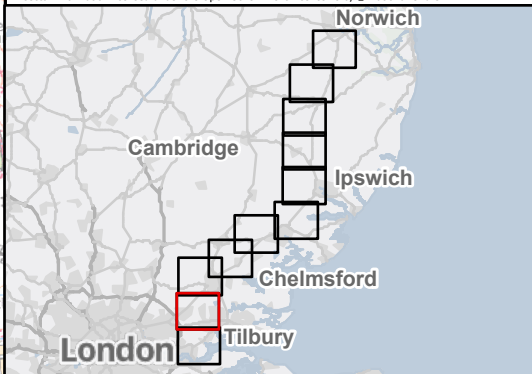
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- Draft order limits
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**Figure 7.2 - Air Quality - Background Concentrations (2019)**  
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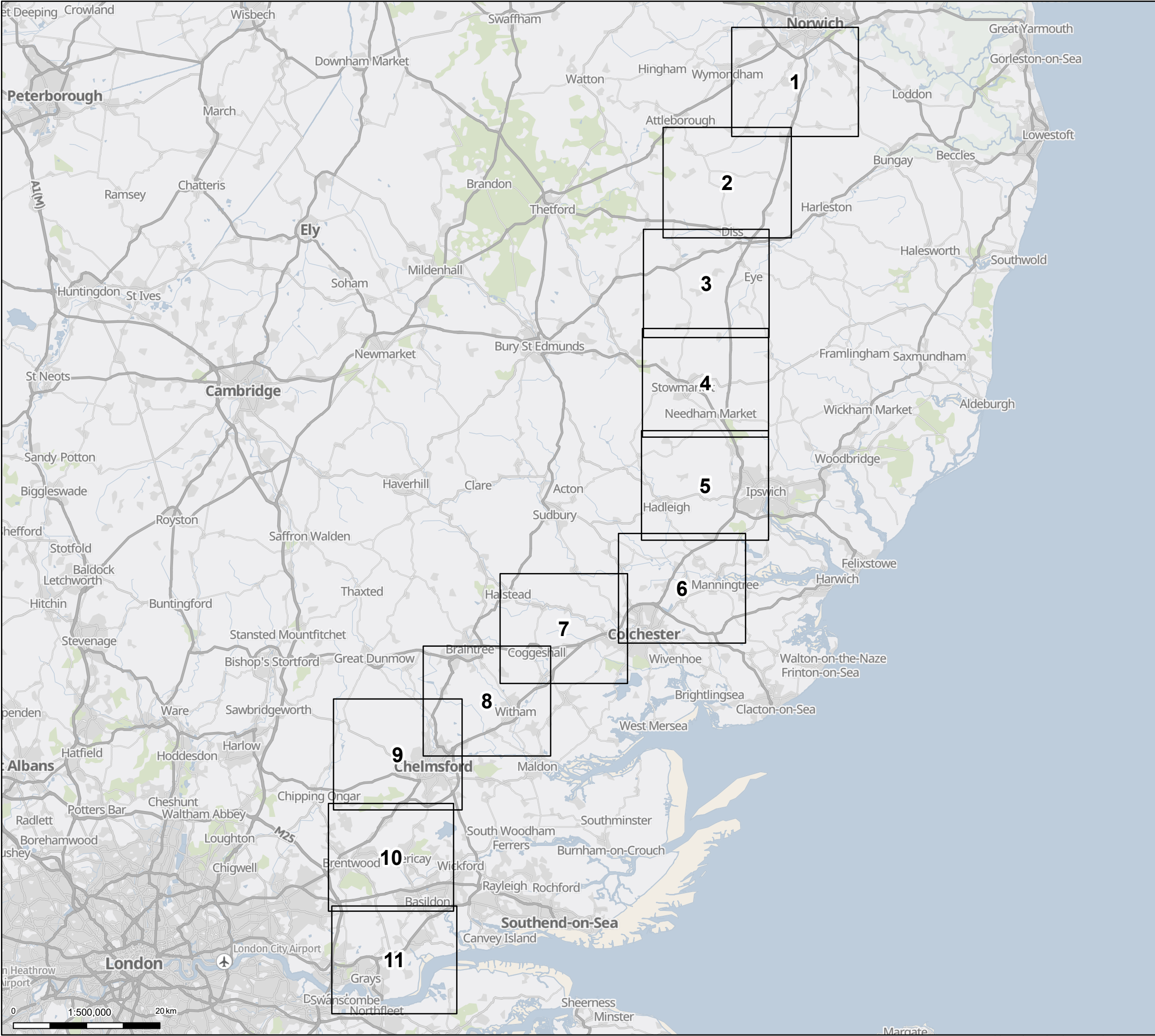
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Figure 7.3 - Air Quality - Background Concentrations (2028) Overview

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Approved	K. Burrows	Date	April 2024
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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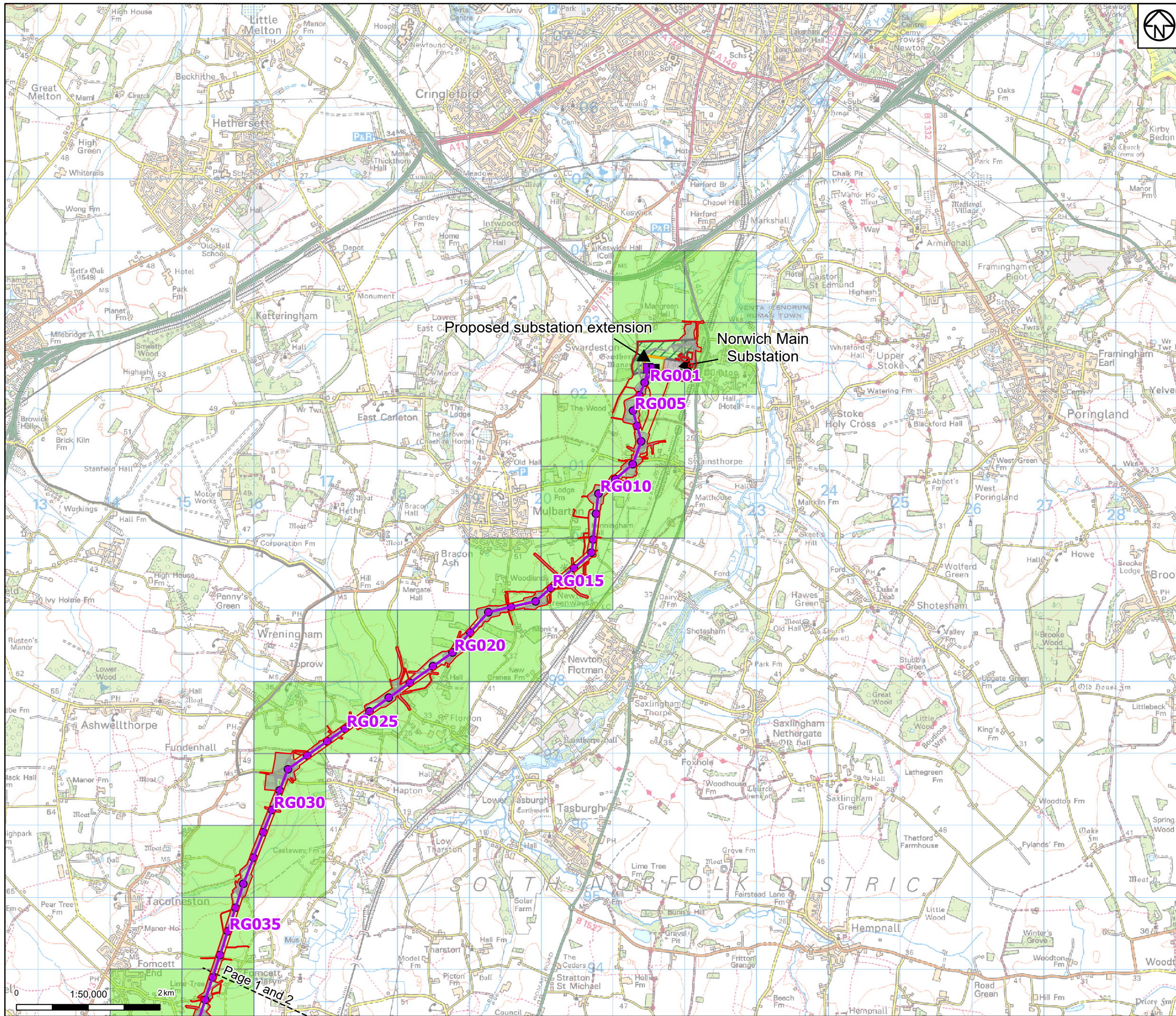
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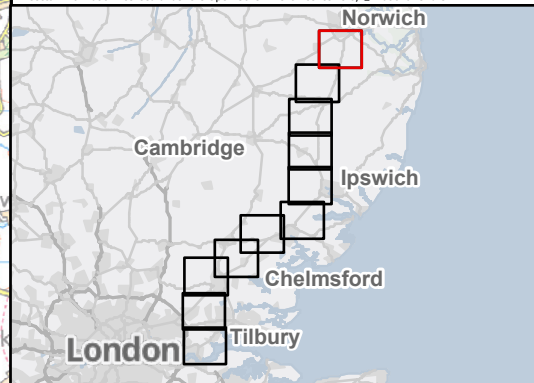




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed full line tension gantry
  - Proposed pylon position
  - Existing substation
  - Proposed substation extension
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
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    - Less than 10 µg/m<sup>3</sup>

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Norwich to Tilbury

Title:

Figure 7.3 - Air Quality - Background Concentrations (2028)  
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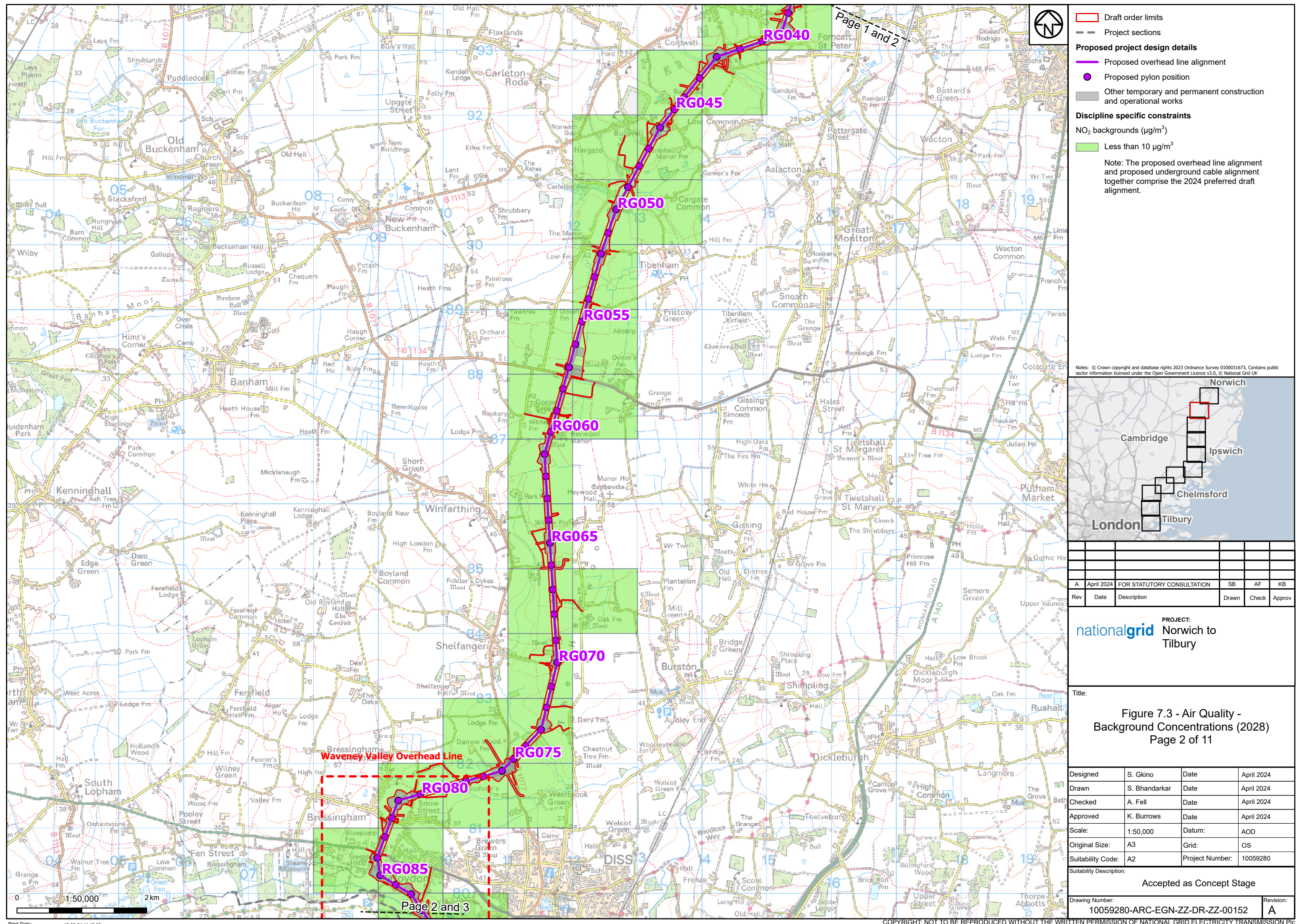
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Approved	K. Burrows	Date	April 2024
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Accepted as Concept Stage

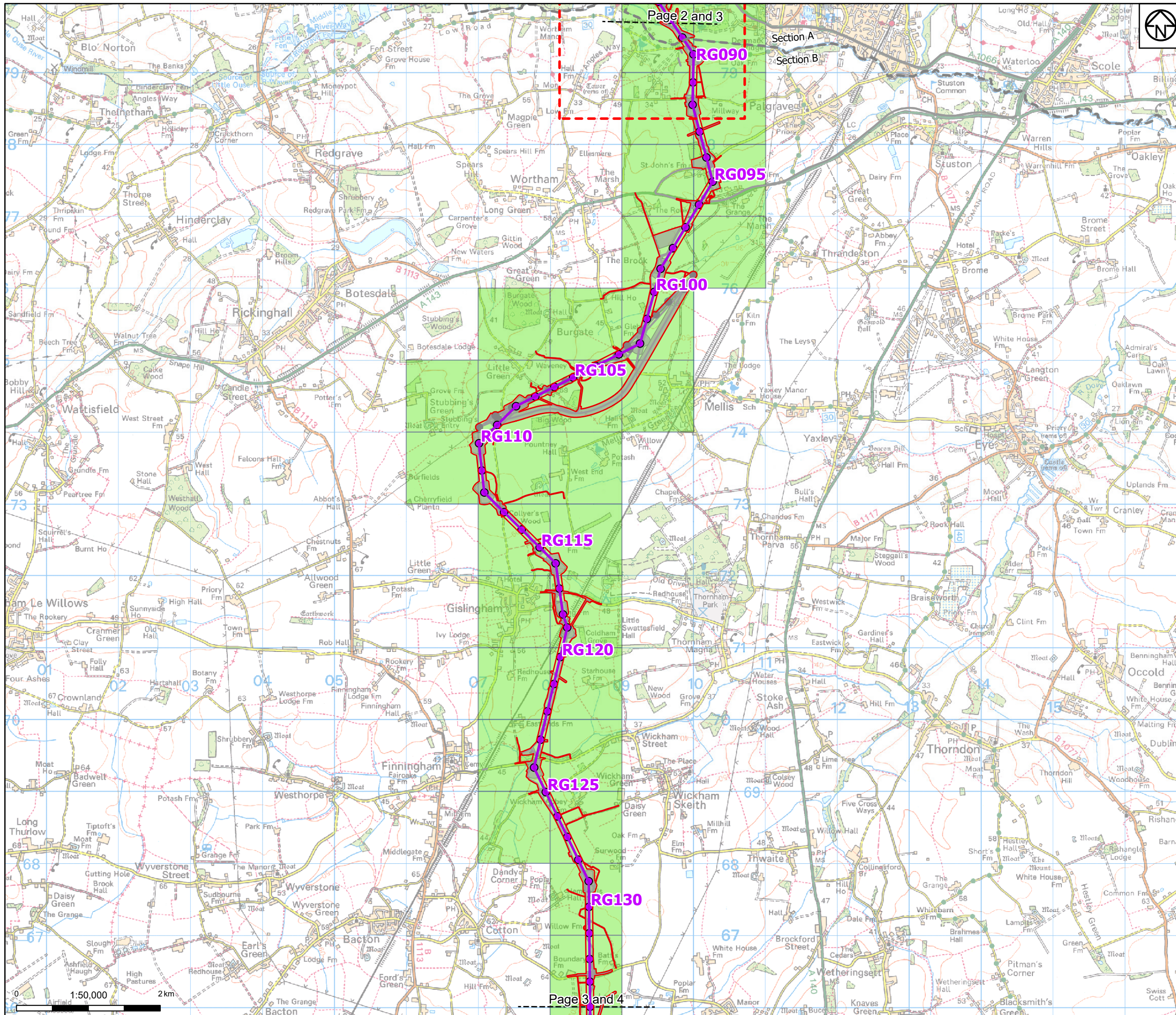
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- Draft order limits
- Project sections
- Proposed project design details
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  - Proposed pylon position
  - Other temporary and permanent construction and operational works

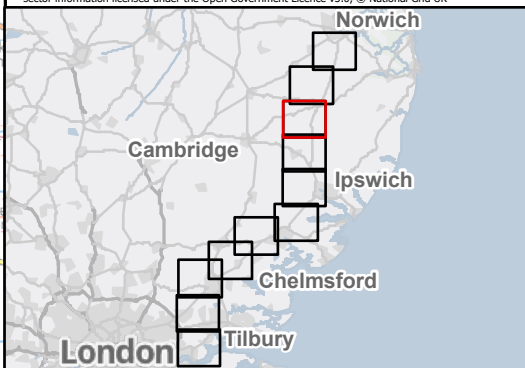
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NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)

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Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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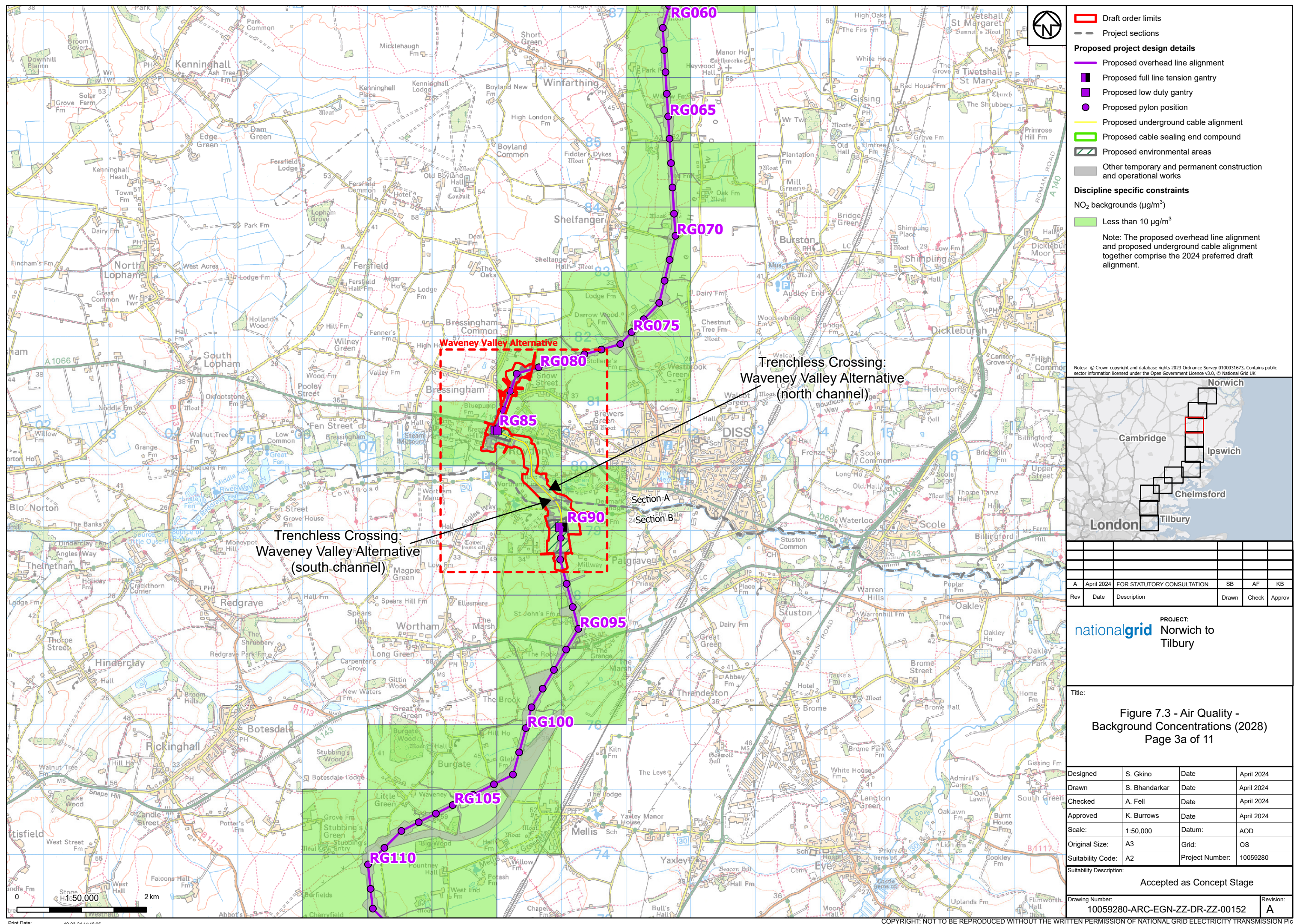
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Background Concentrations (2028)  
Page 3 of 11

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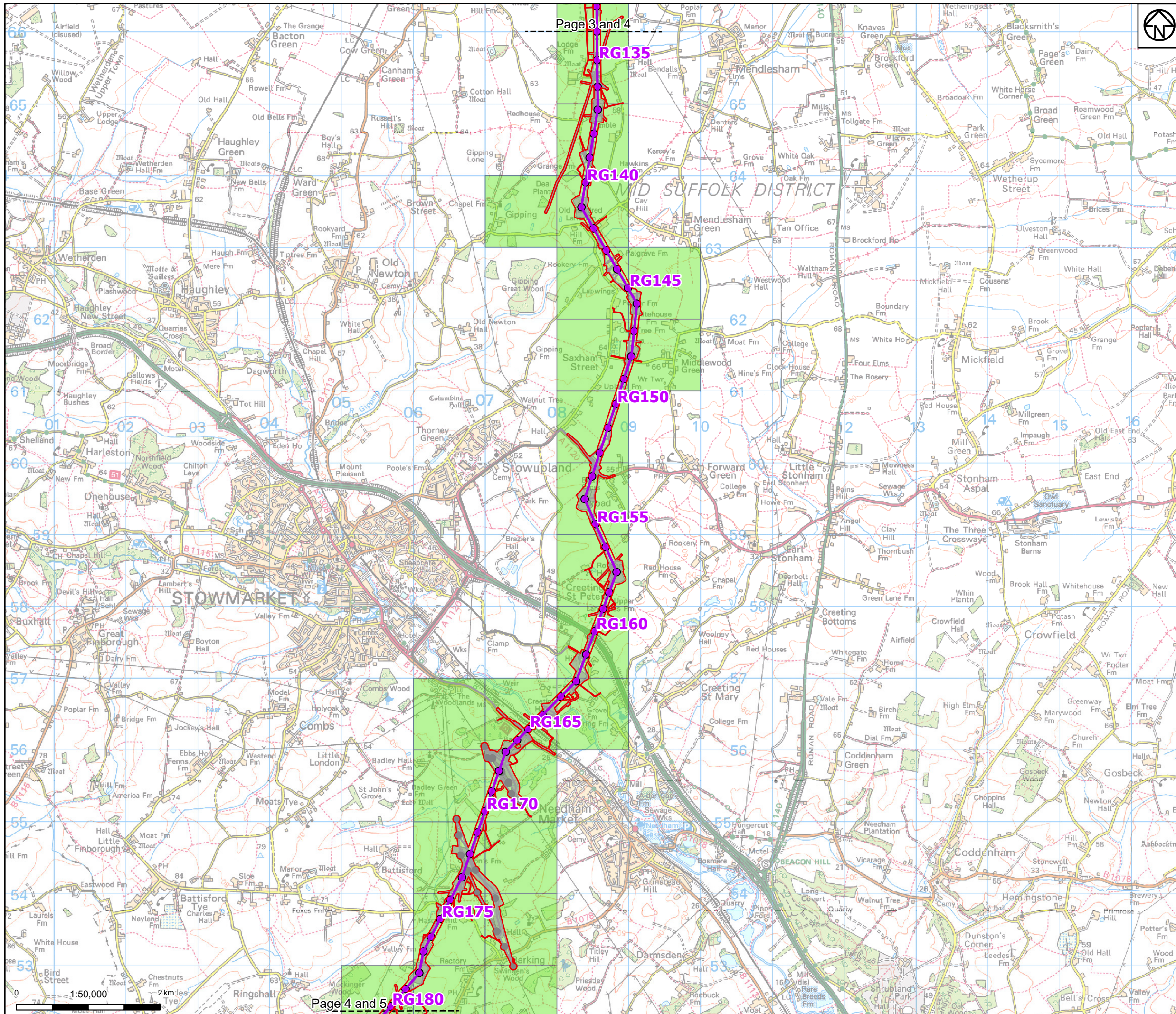
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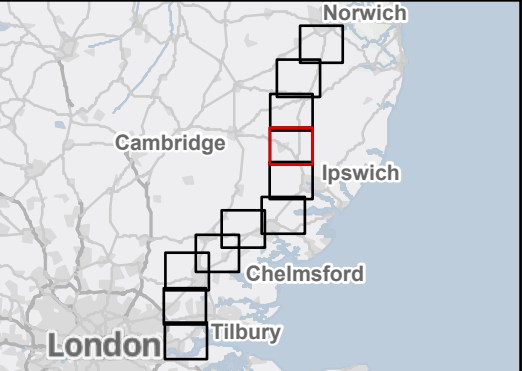






- Legend**
- Draft order limits
  - Project sections
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    - Proposed pylon position
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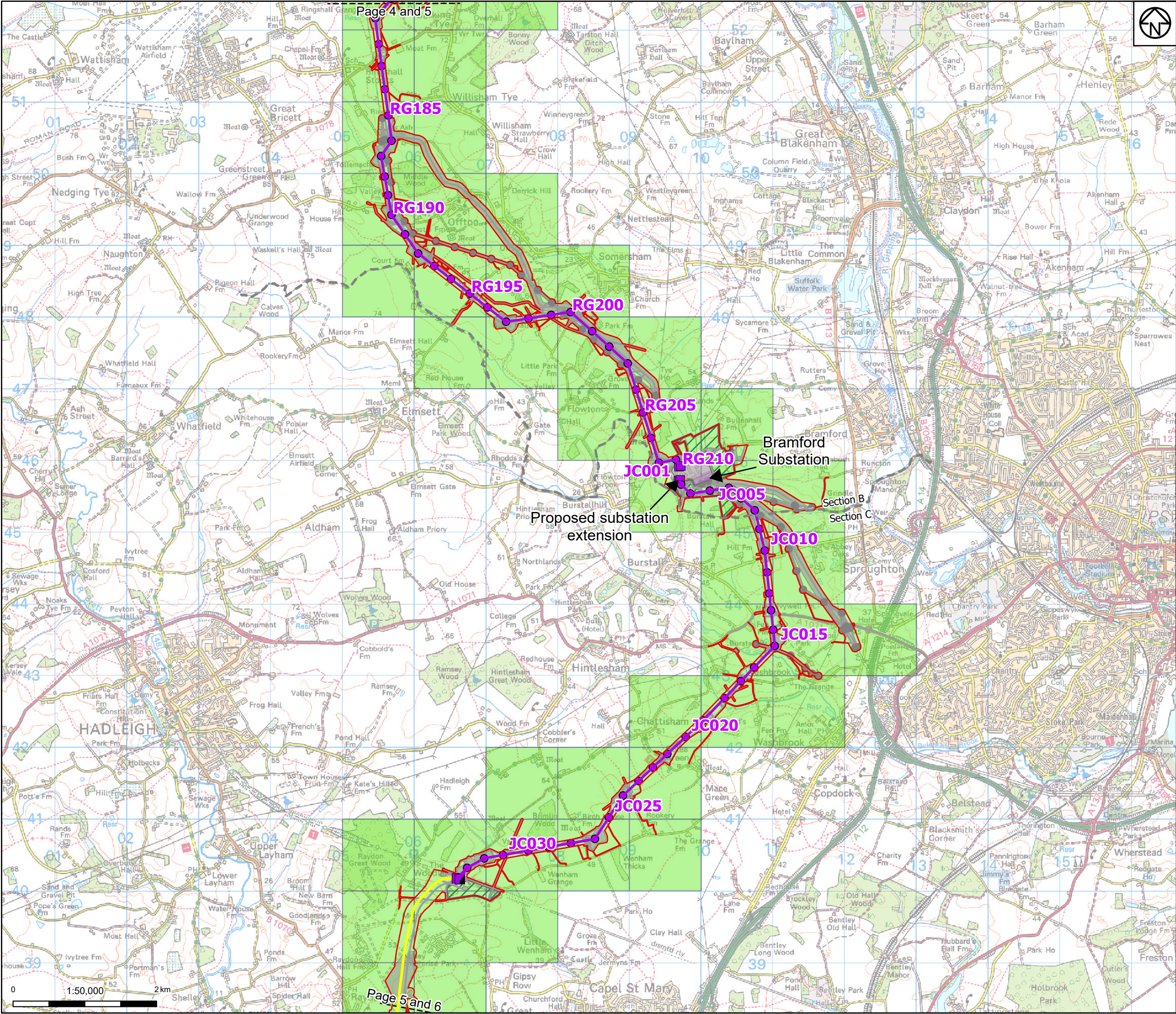
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Page 4 of 11

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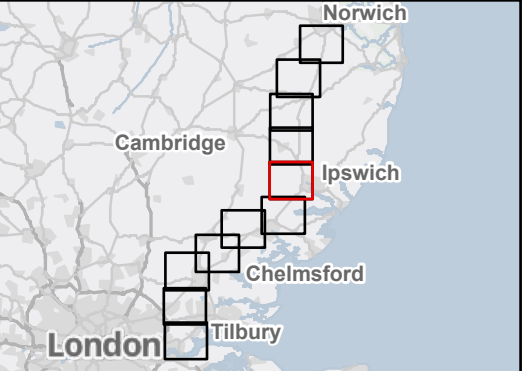
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Revision: A





- Legend**
- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed full line tension gantry
    - Proposed low duty gantry
    - Proposed pylon position
    - Proposed underground cable alignment
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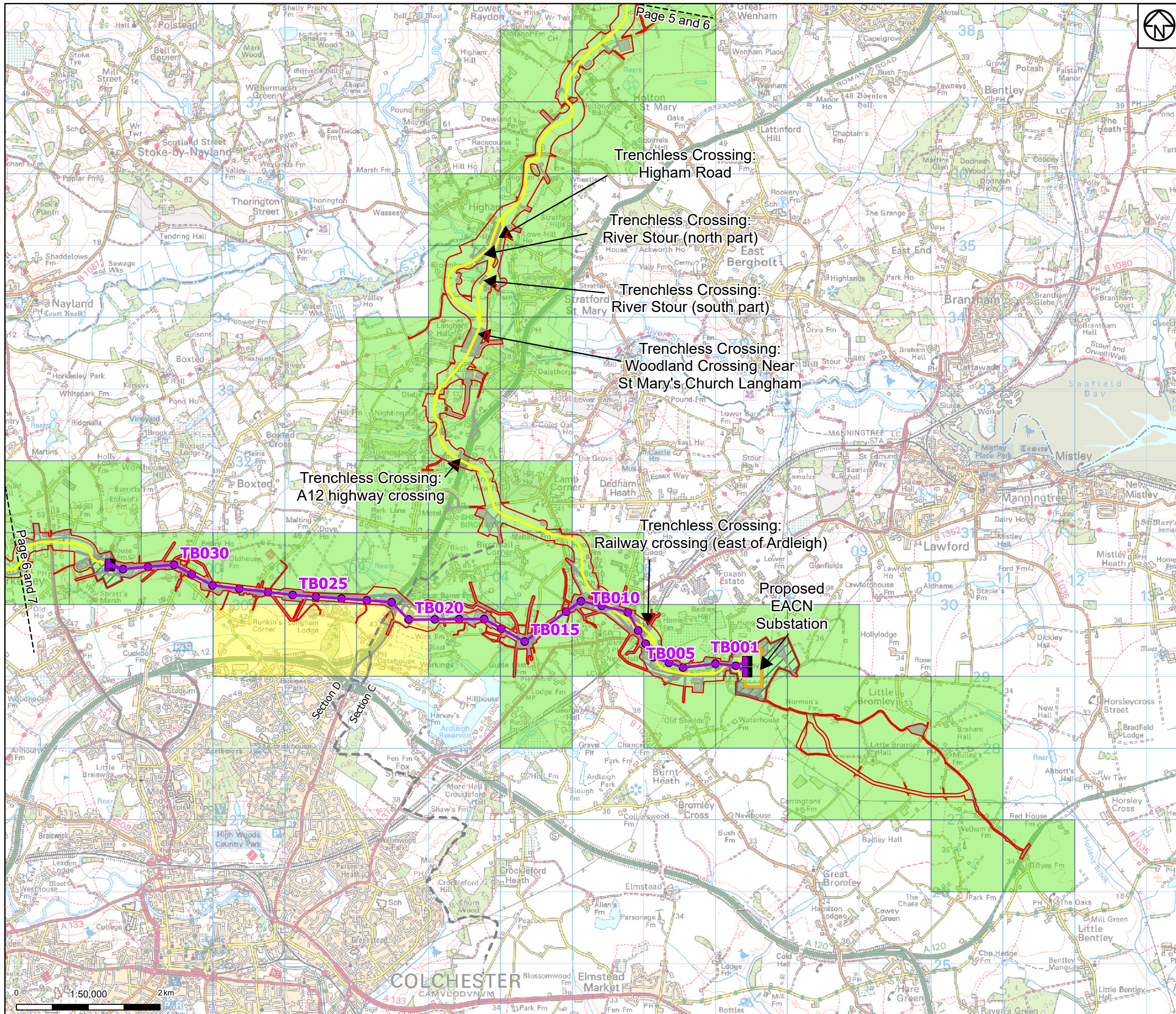
**Figure 7.3 - Air Quality - Background Concentrations (2028)**  
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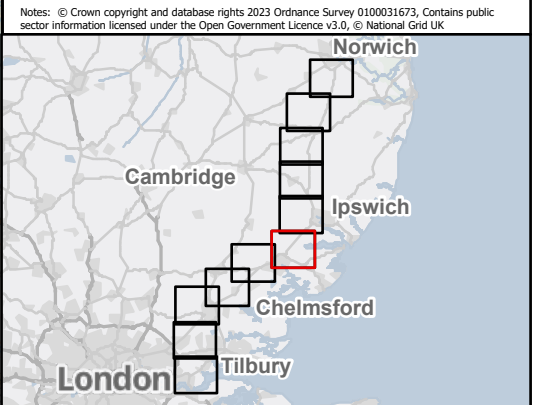
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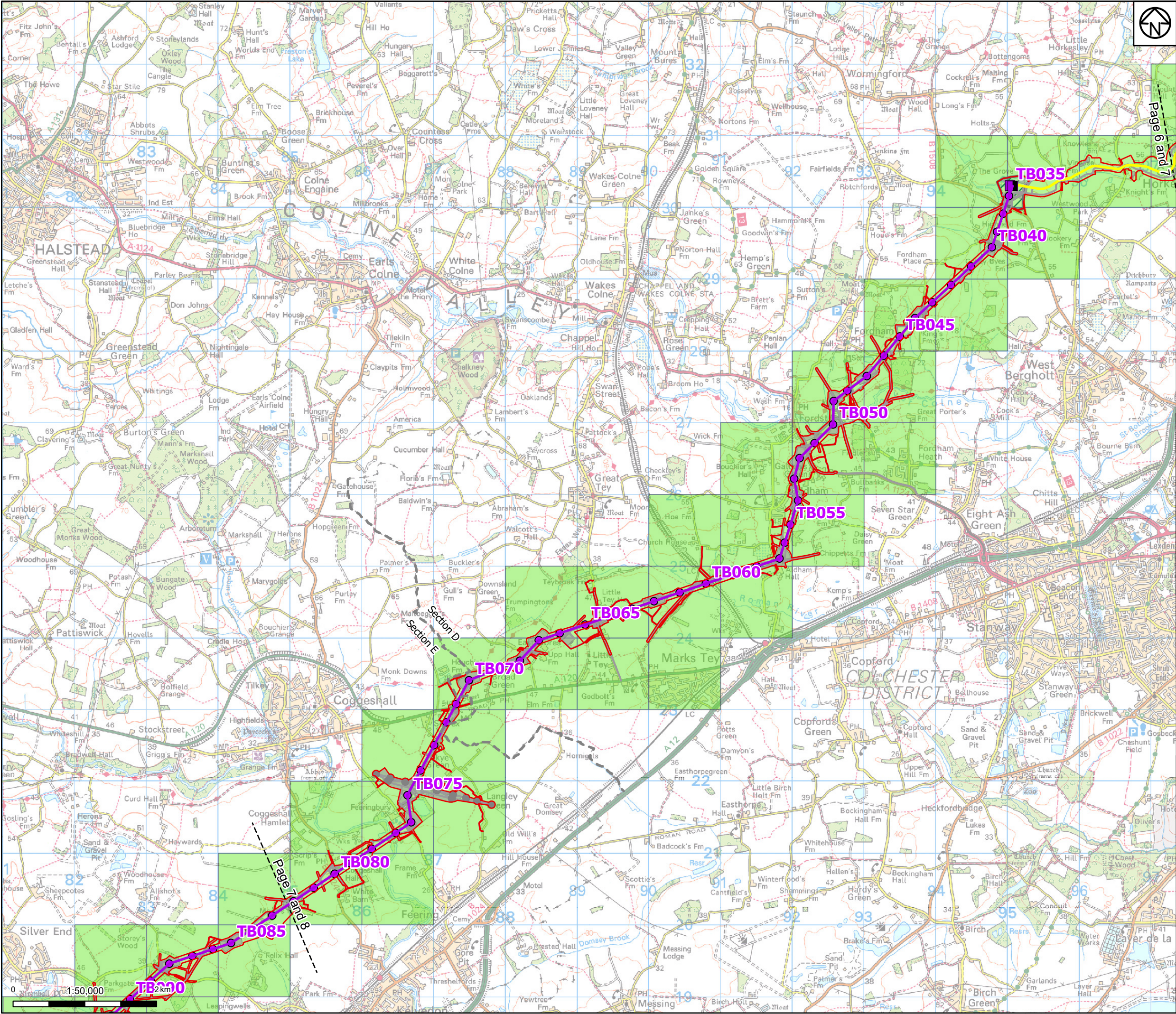
Figure 7.3 - Air Quality -  
Background Concentrations (2028)  
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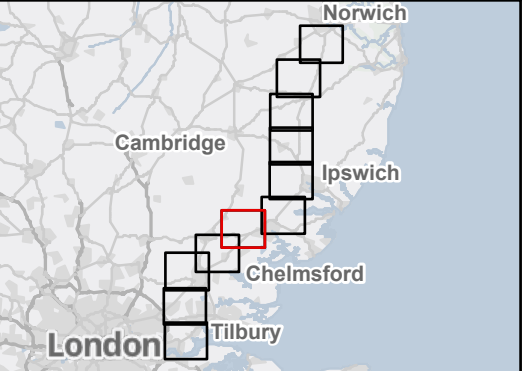


**Legend**

- Draft order limits
- Project sections
- Proposed project design details**
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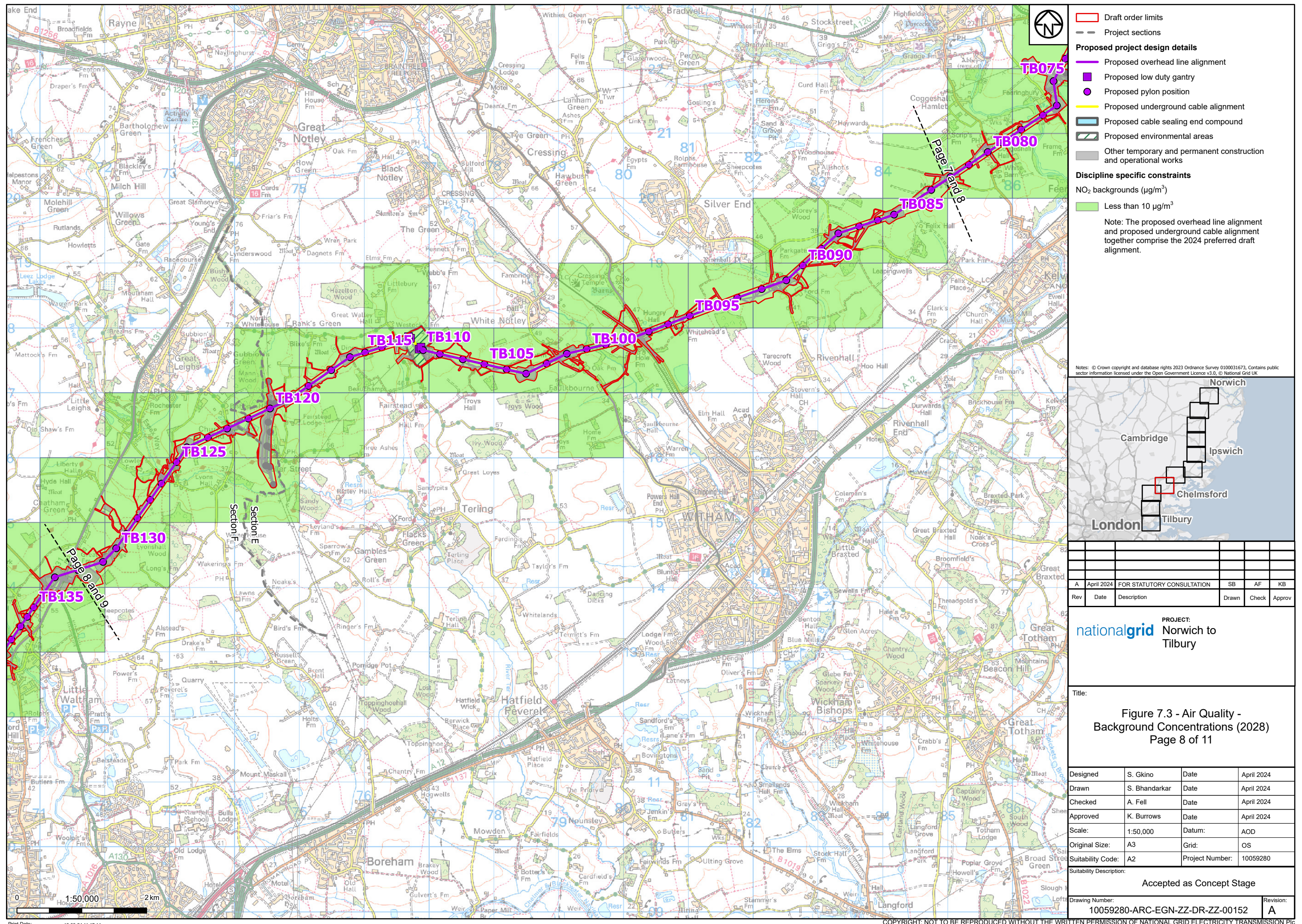
**PROJECT:**  
Norwich to Tilbury

**nationalgrid**

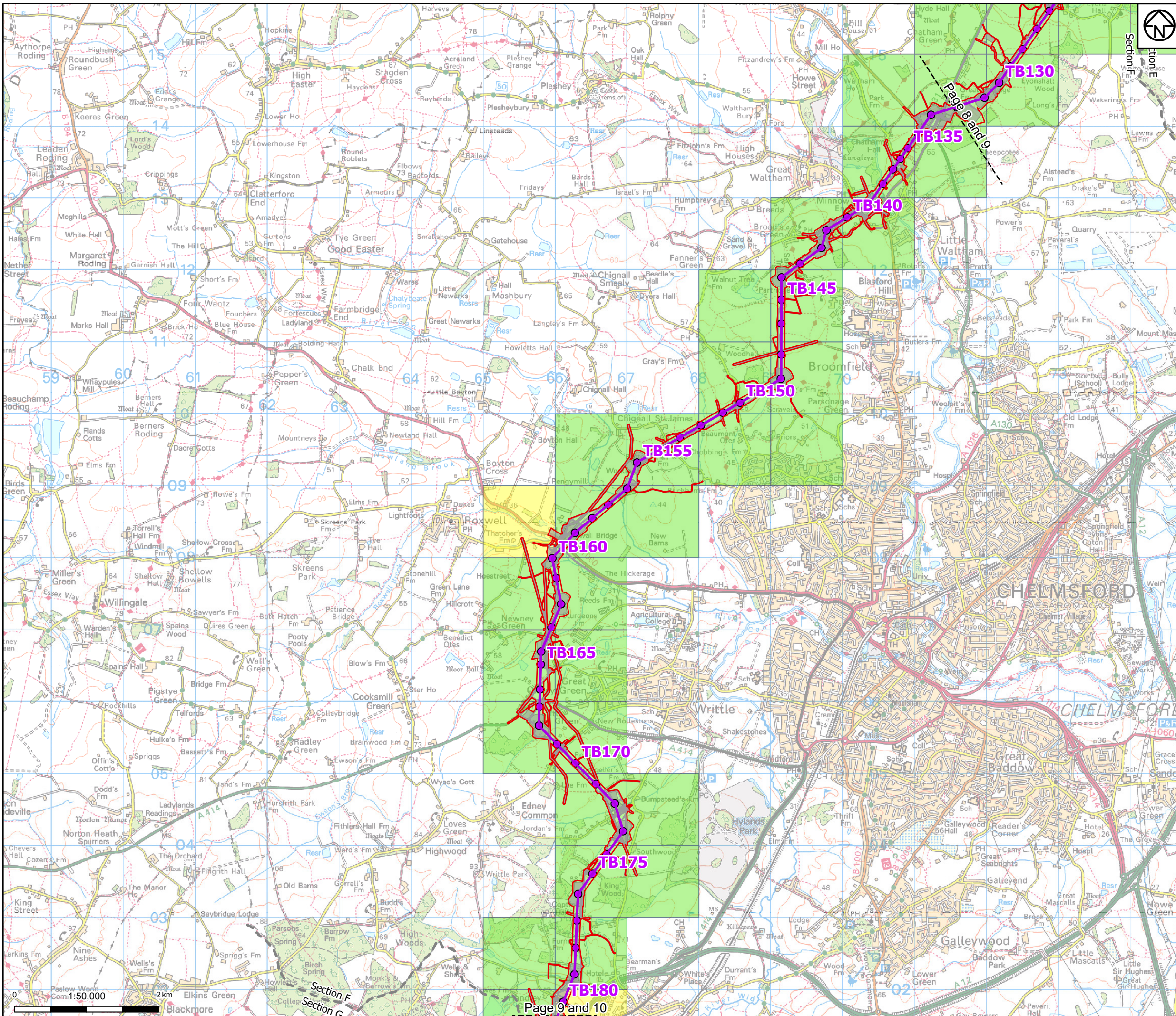
**Figure 7.3 - Air Quality - Background Concentrations (2028)**  
Page 7 of 11

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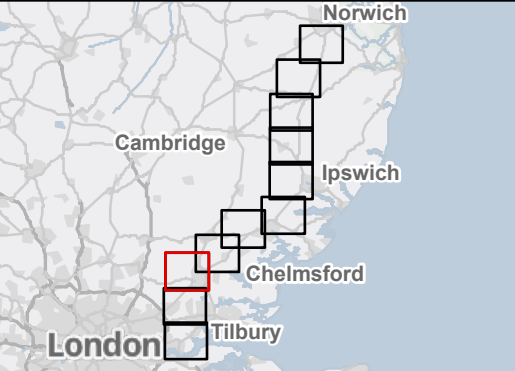




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Figure 7.3 - Air Quality -  
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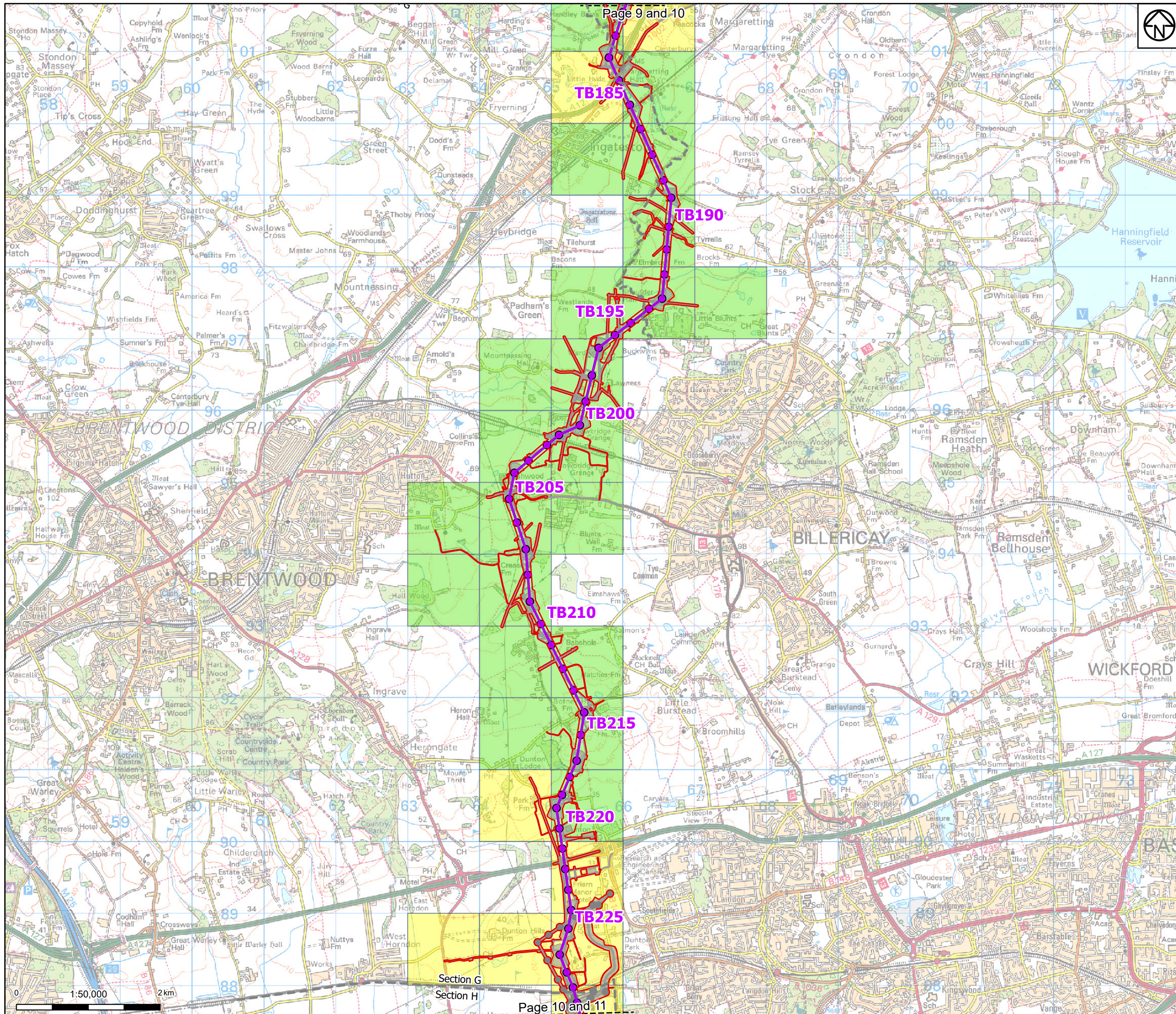
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Drawing Number:  
10059280-ARC-EGN-ZZ-DR-ZZ-00152

Revision:  
A





- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed pylon position
  - Other temporary and permanent construction and operational works

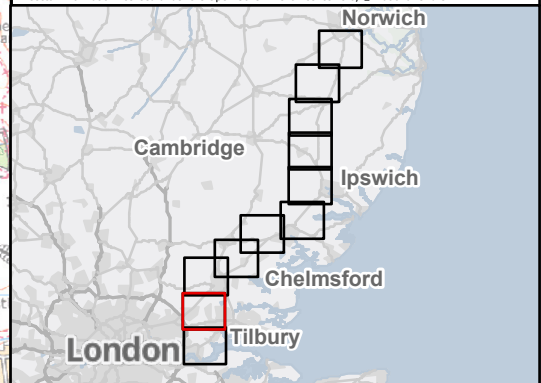
**Discipline specific constraints**

NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)

- Less than 10 µg/m<sup>3</sup>
- 10-20 µg/m<sup>3</sup>

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Revision History				
Rev	Date	Description	Drawn	Check
A	April 2024	FOR STATUTORY CONSULTATION	SB	AF
Rev	Date	Description	Drawn	Check

PROJECT:

Norwich to Tilbury

Title:

Figure 7.3 - Air Quality - Background Concentrations (2028)

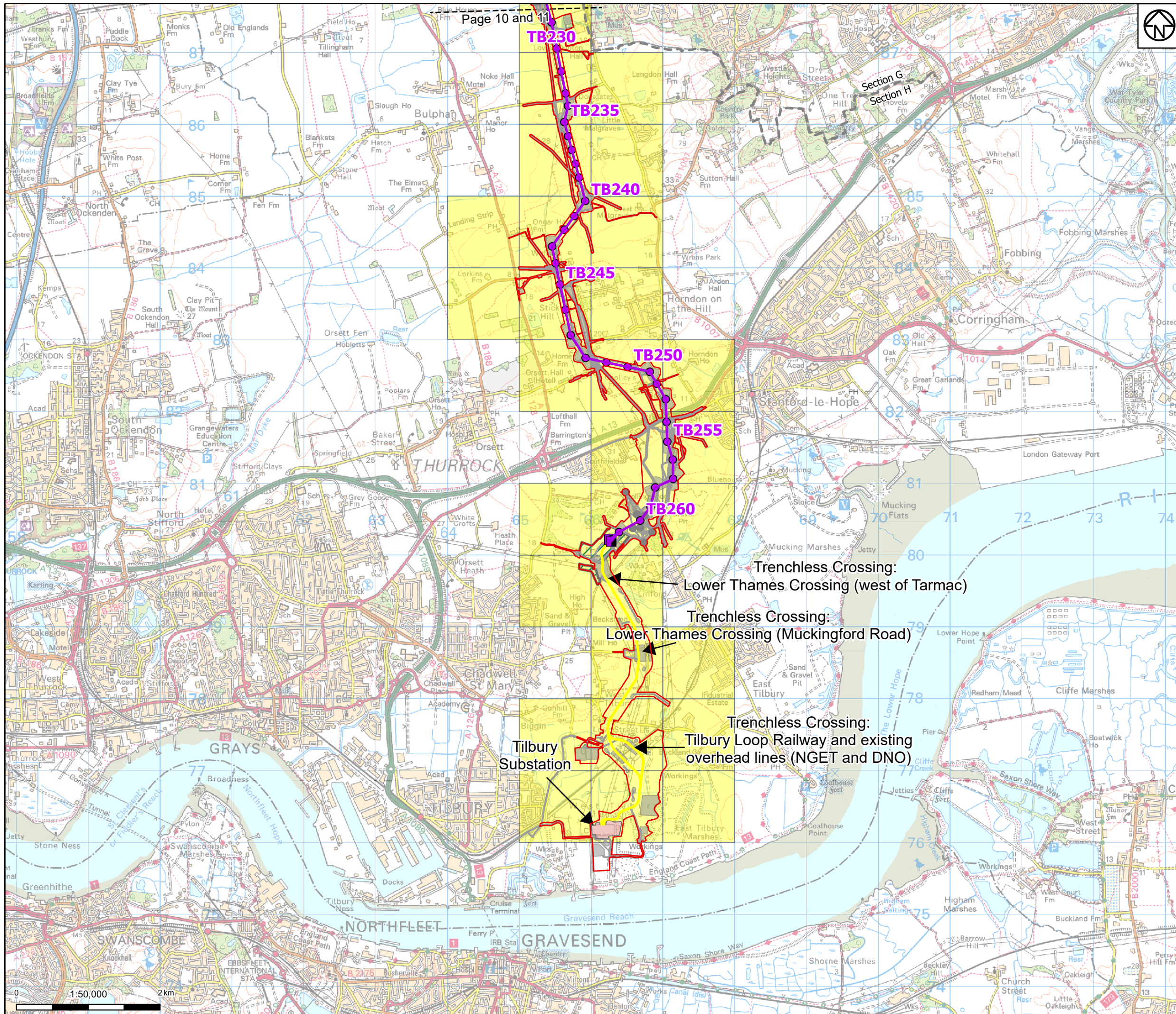
Page 10 of 11

Designed	S. Gkino	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:50,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-EGN-ZZ-DR-ZZ-00152	A

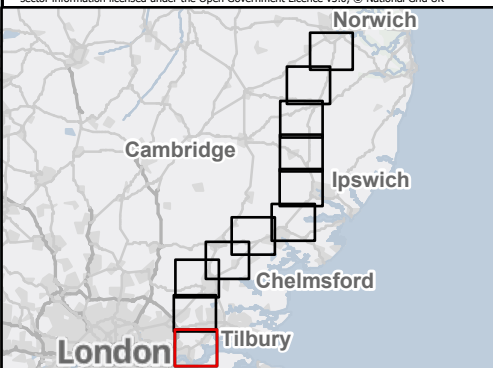




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed full line tension gantry
  - Proposed pylon position
  - Proposed underground cable alignment
  - Existing substation
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - NO<sub>2</sub> backgrounds (µg/m<sup>3</sup>)
    - 10-20 µg/m<sup>3</sup>

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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Rev		Date	Description	Drawn	Check	Approv
A		April 2024	FOR STATUTORY CONSULTATION	SB	AF	KB

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 7.3 - Air Quality - Background Concentrations (2028)  
Page 11 of 11

Designed	S. Gkino	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:50,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-EGN-ZZ-DR-ZZ-00152  
Revision:  
A