

Volume II: Figures

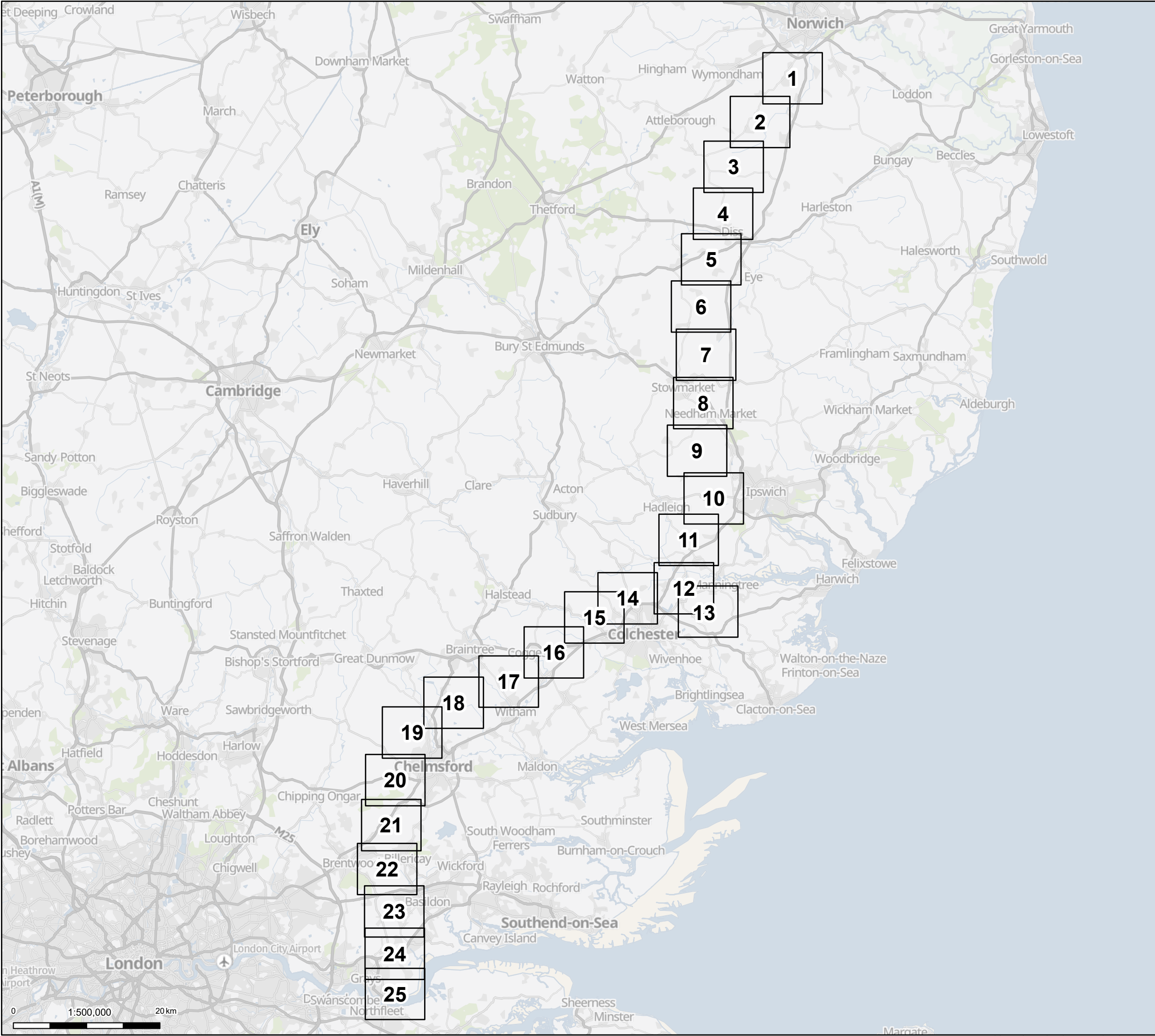
Part 25 of 27:


Figure 14.1 - Baseline Noise Data

Figure 14.2 - Initial Construction Noise and Vibration Assessment Outputs

Figure 15.1 - Study Area

Figure 15.2 - Community Facilities, Businesses, Recreation and Tourism Assets







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 14.1 - Noise and Vibration - Baseline Noise Data Overview

Designed	D. Gray	Date	June 2024
Drawn	S. Bhandarkar	Date	June 2024
Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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Original Size:	A3	Grid:	OS
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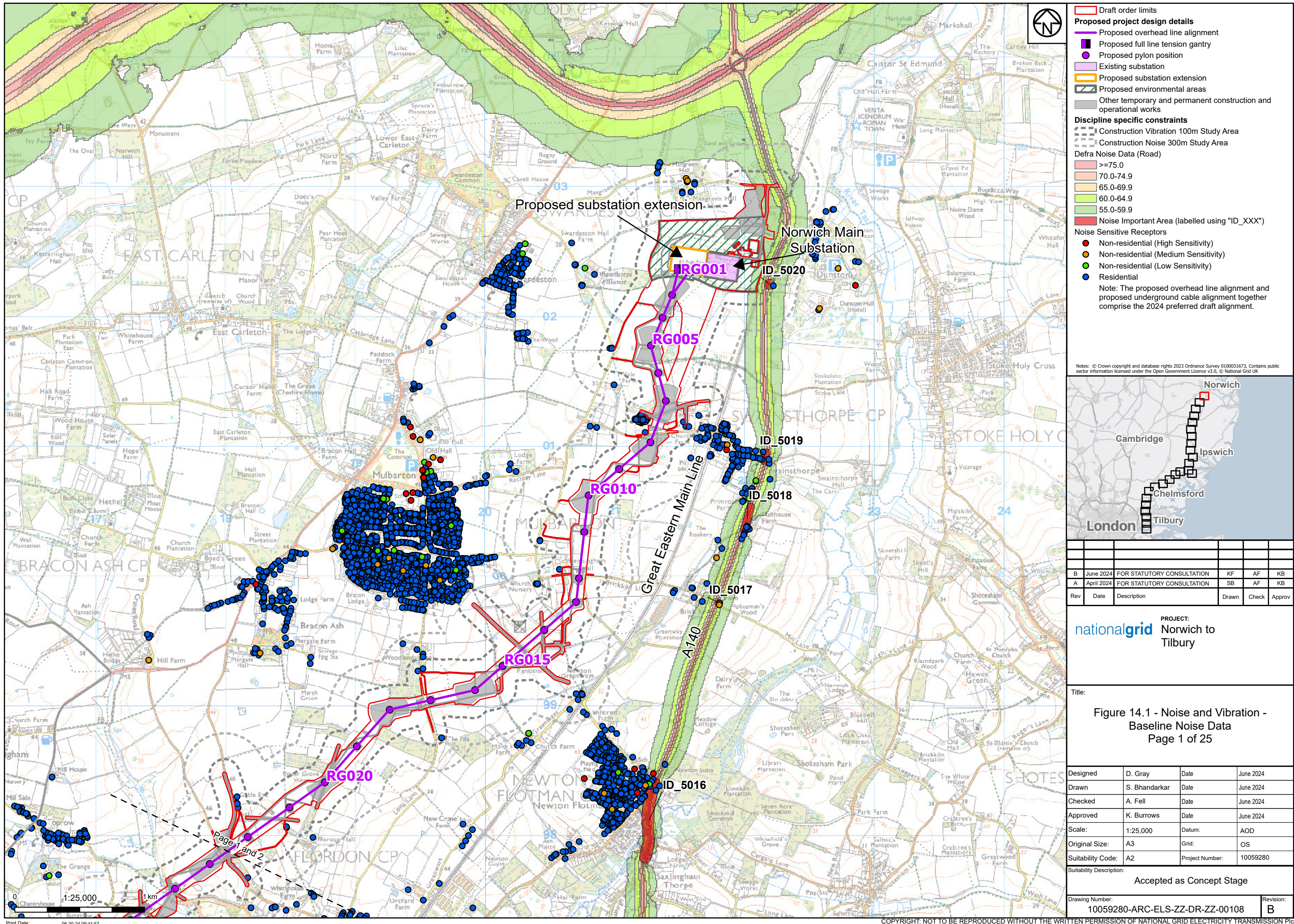
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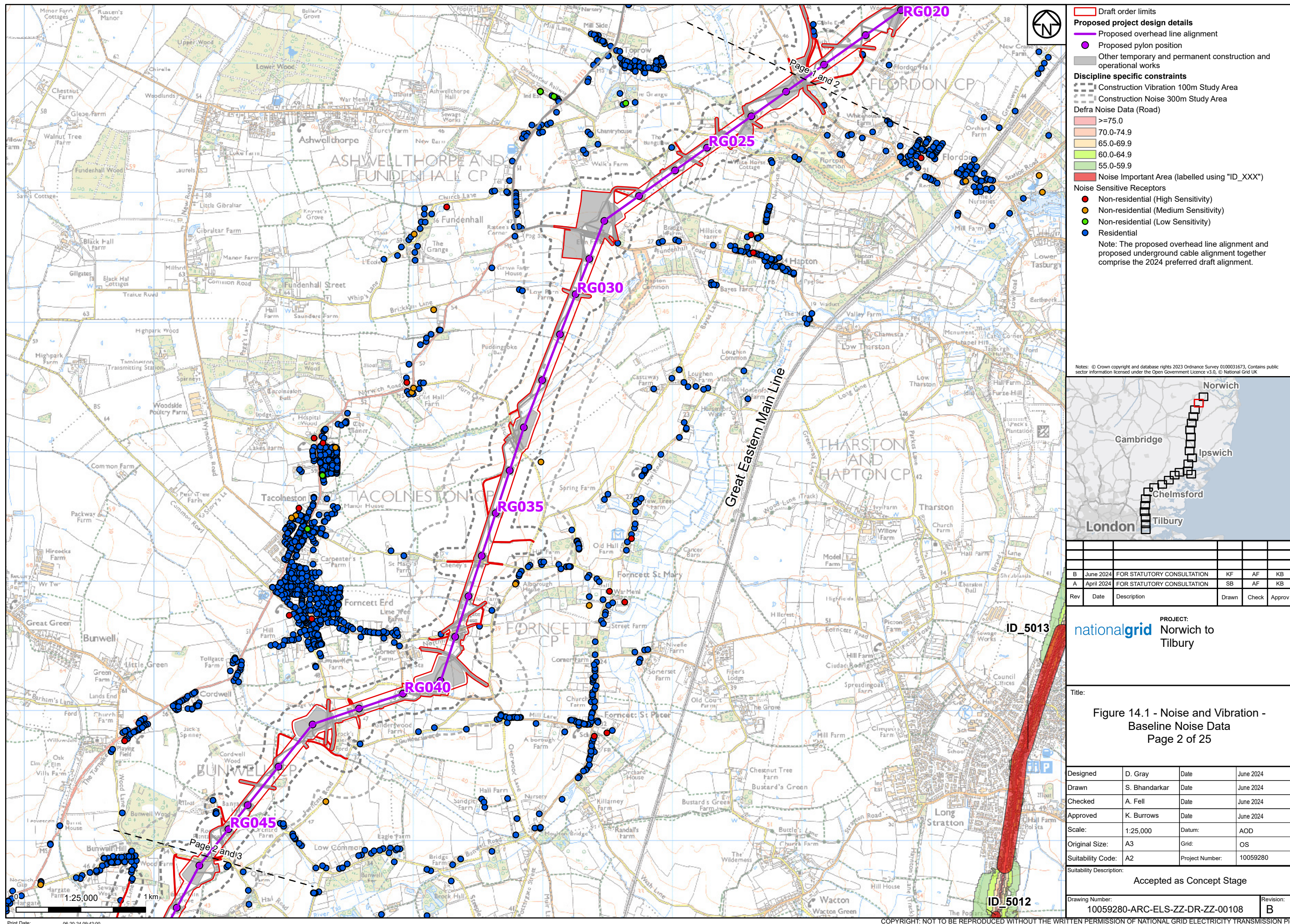
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10059280-ARC-ELS-ZZ-DR-ZZ-00108

Revision:

B





- Proposed project design details**
- Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
- Defra Noise Data (Road)**
- >=75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
 - Noise Important Area (labelled using "ID_XXX")
- Noise Sensitive Receptors**
- Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
- 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

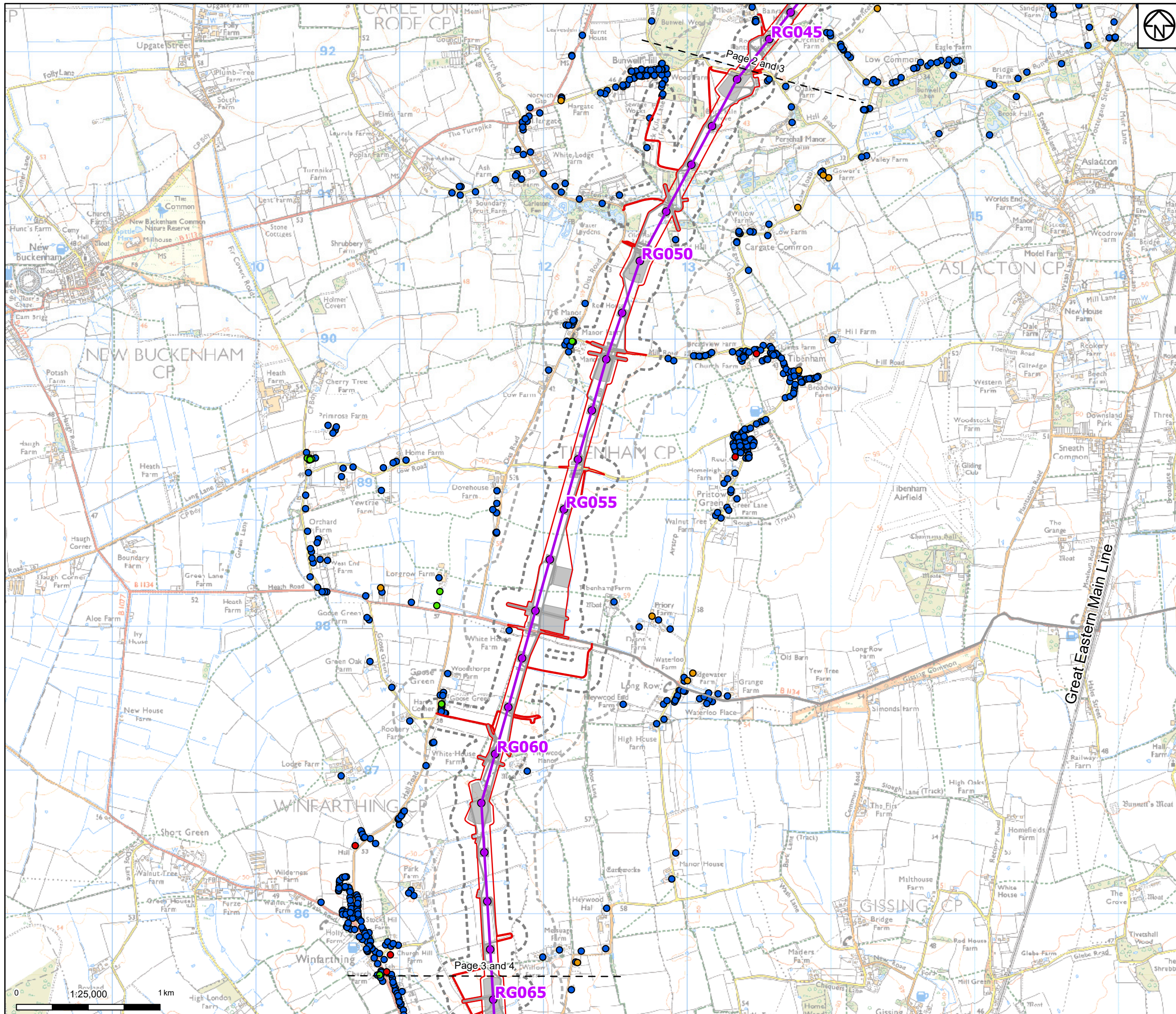
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Figure 14.1 - Noise and Vibration -
Baseline Noise Data
Page 2 of 25

Designed	D. Gray	Date	June 2024
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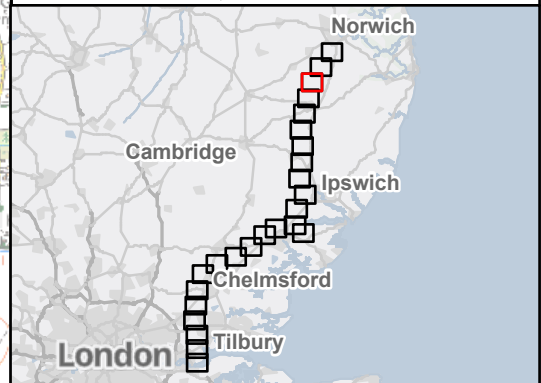
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- Proposed project design details**
- Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
- Noise Sensitive Receptors**
- Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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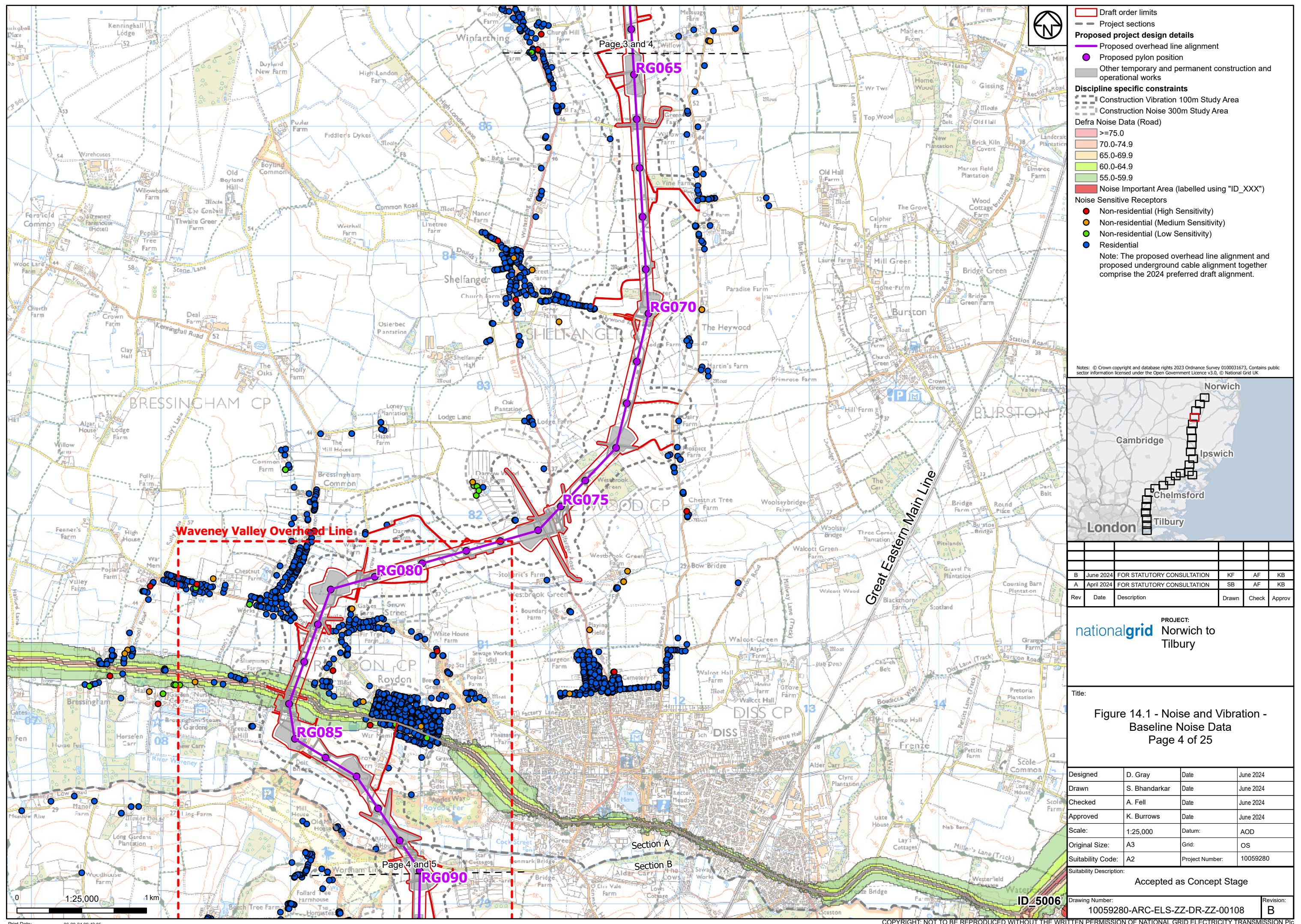
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nationalgrid Norwich to Tilbury

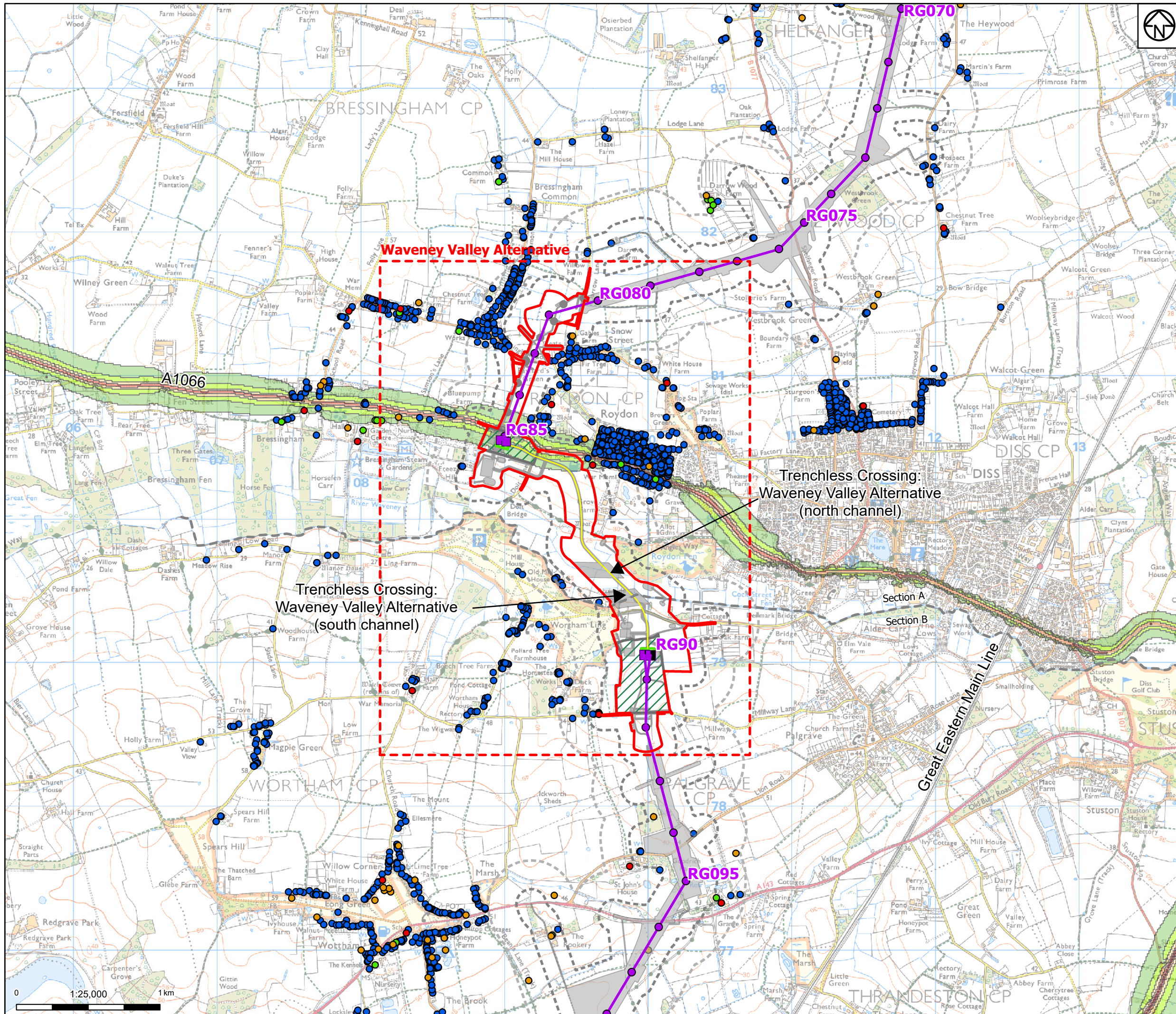
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Figure 14.1 - Noise and Vibration - Baseline Noise Data
Page 3 of 25

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Suitability Description: Accepted as Concept Stage

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Revision: B





- 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
 - Proposed cable sealing end compound
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
- Defra Noise Data (Road)**
 - ≥ 75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
- Sorted Address Data**
 - Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential

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

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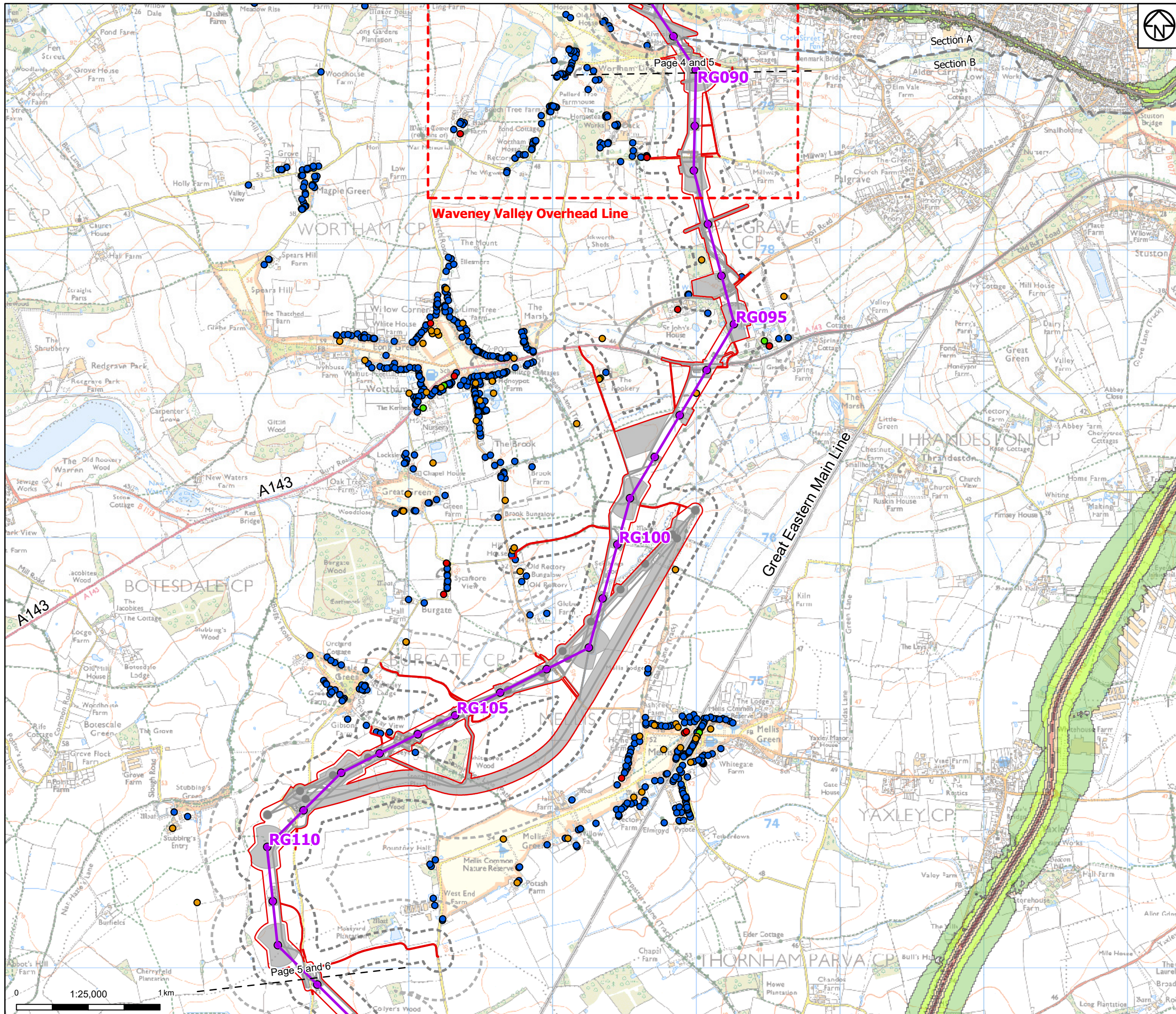



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PROJECT:
Norwich to
Tilbury

Title:
**Figure 14.1 - Noise and Vibration -
Baseline Noise Data
Page 4a of 25**

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Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00108			Revision: B





Draft order limits
--- Project sections

Proposed project design details
--- Proposed overhead line alignment
● Proposed pylon position
■ Other temporary and permanent construction and operational works

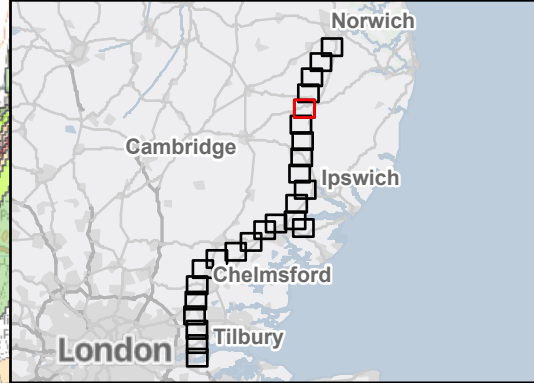
Discipline specific constraints
■ Construction Vibration 100m Study Area
■ Construction Noise 300m Study Area

Defra Noise Data (Road)
■ >=75.0
■ 70.0-74.9
■ 65.0-69.9
■ 60.0-64.9
■ 55.0-59.9

Noise Sensitive Receptors
● Non-residential (High Sensitivity)
● Non-residential (Medium Sensitivity)
● Non-residential (Low Sensitivity)
● Residential

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

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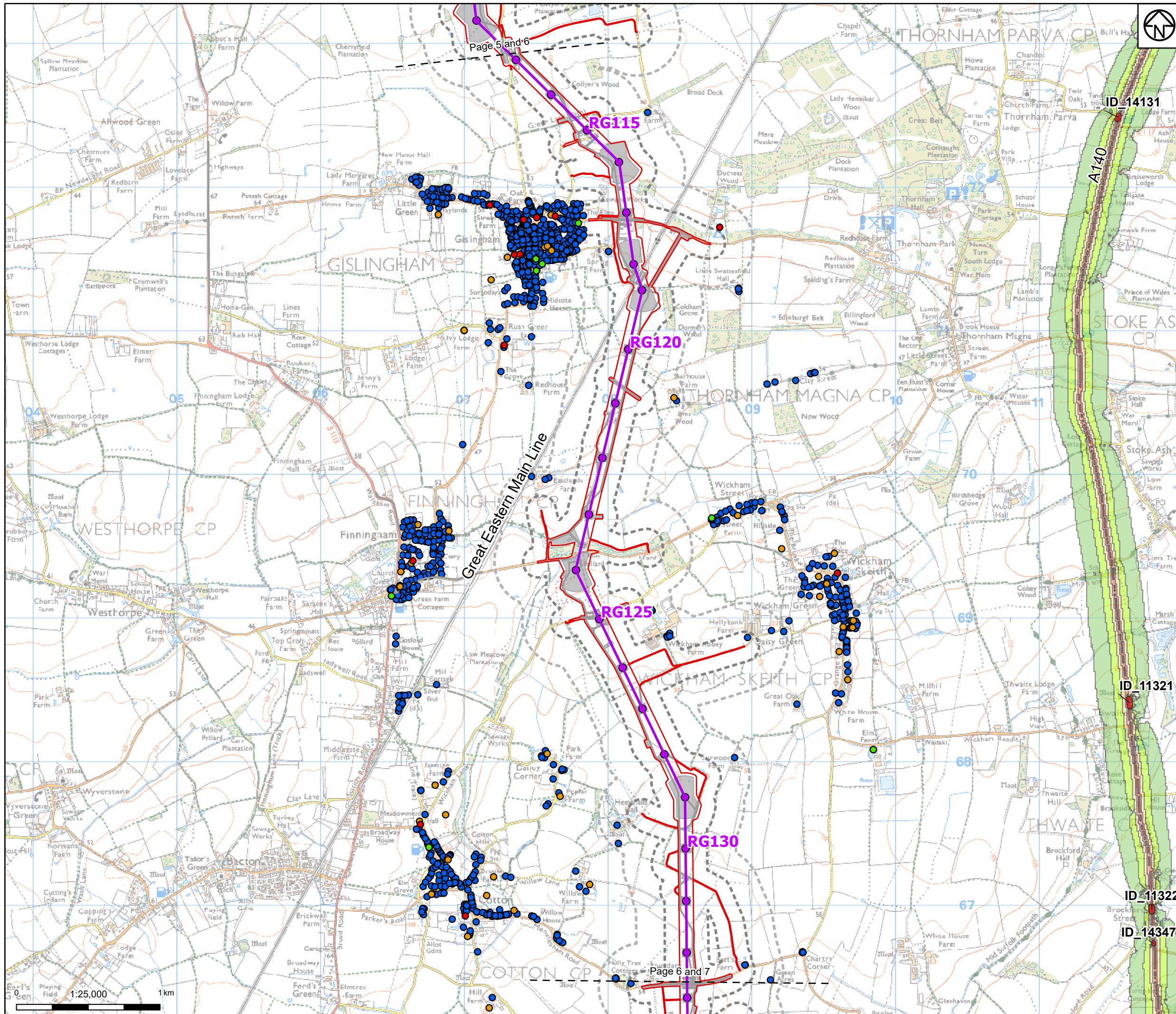
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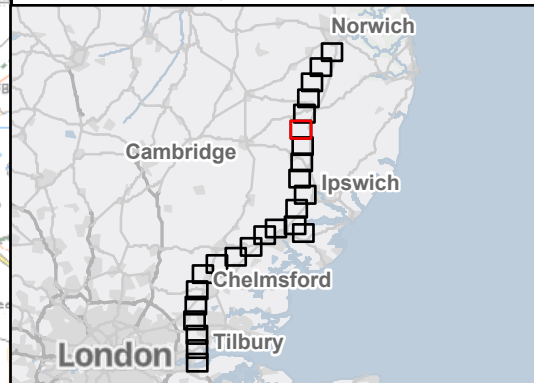
Figure 14.1 - Noise and Vibration - Baseline Noise Data
Page 5 of 25

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Suitability Description:			
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10059280-ARC-ELS-ZZ-DR-ZZ-00108		B	



- Proposed project design details**
- Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
- Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
- Defra Noise Data (Road)**
- >=75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
- Noise Sensitive Receptors**
- Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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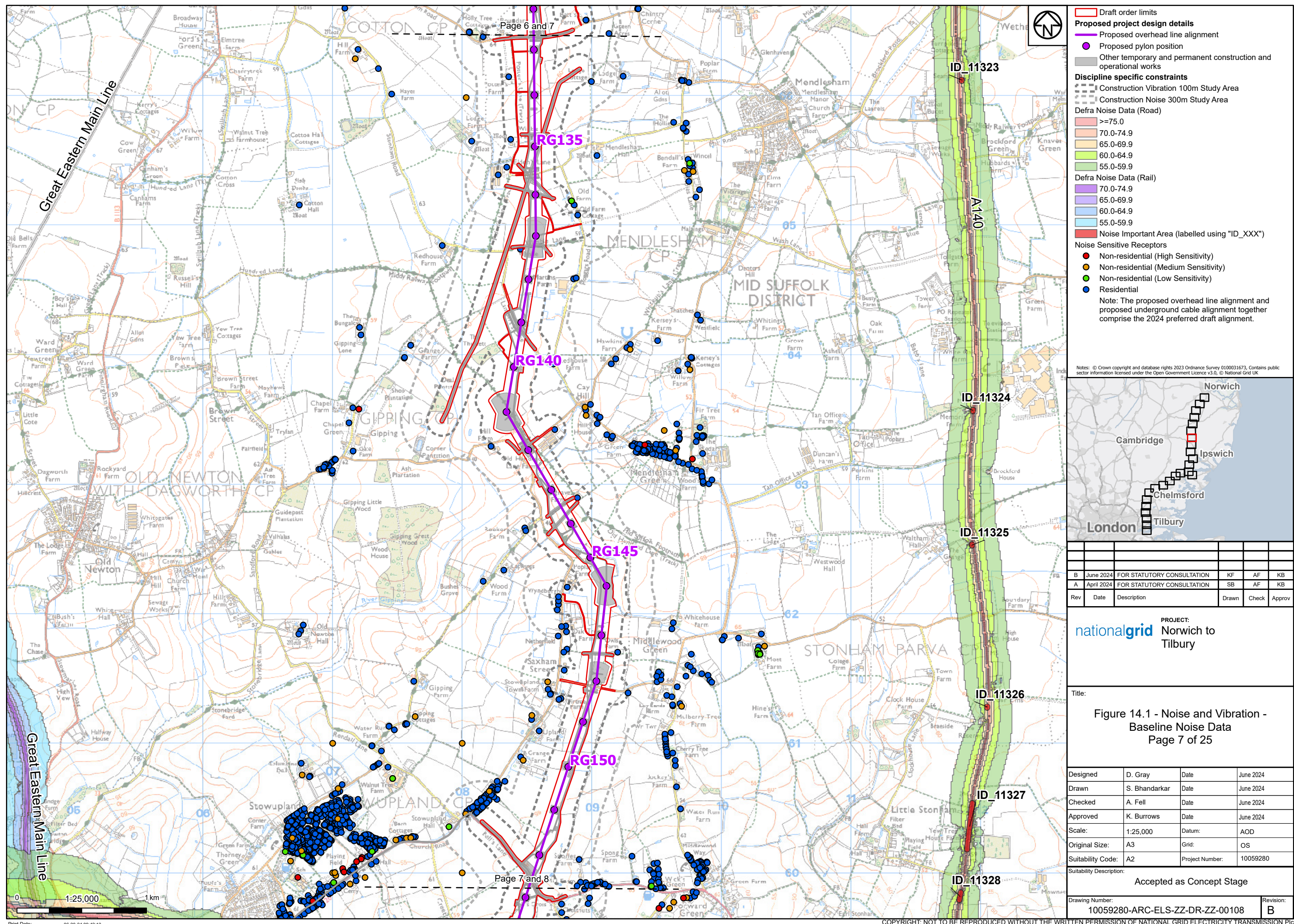
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Figure 14.1 - Noise and Vibration - Baseline Noise Data
Page 6 of 25

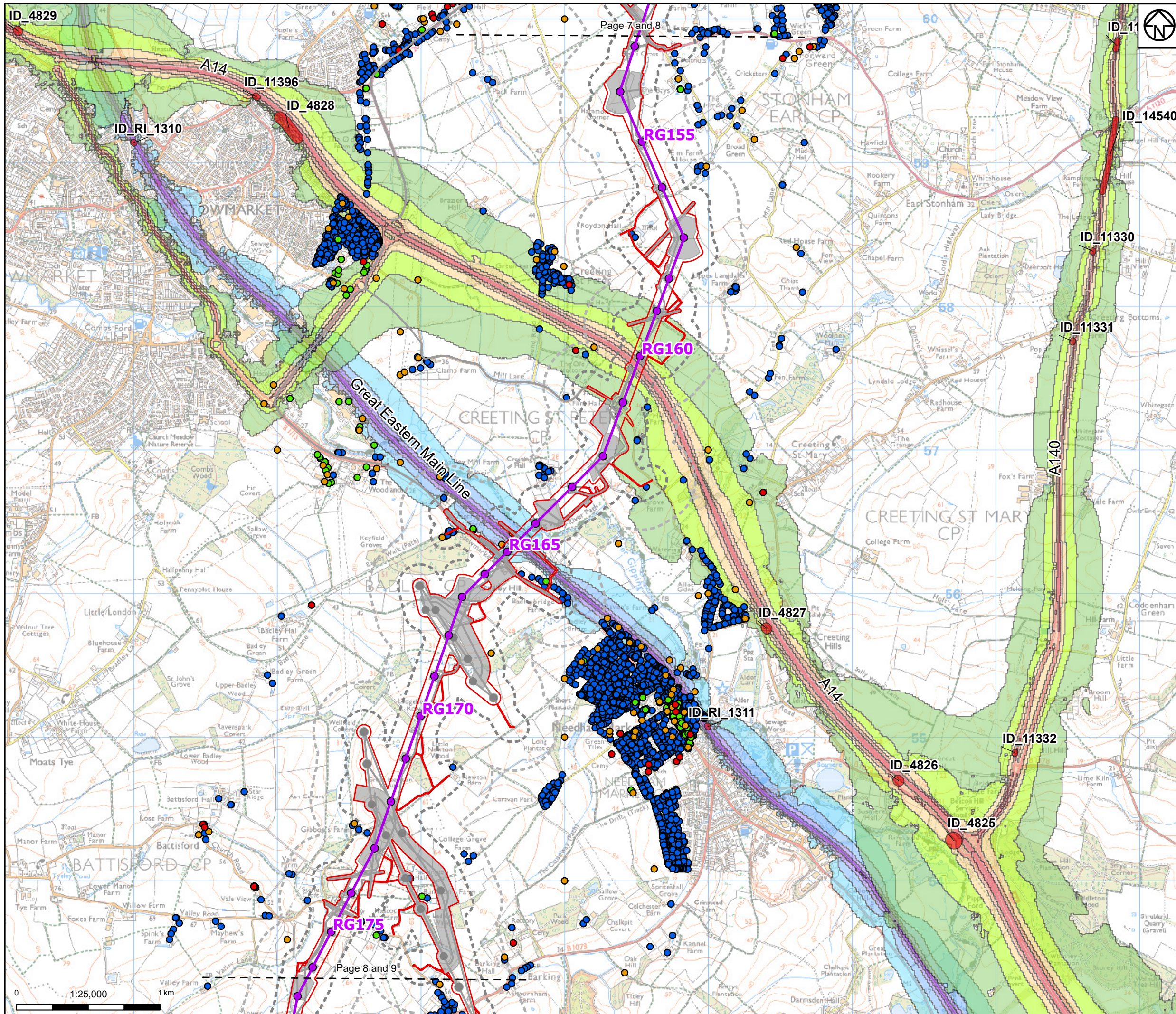
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR-ZZ-00108

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

Construction Vibration 300m Study Area

Construction Noise 300m Study Area

Defra Noise Data (Road)

>=75.0

70.0-74.9

65.0-69.9

60.0-64.9

55.0-59.9

Defra Noise Data (Rail)

70.0-74.9

65.0-69.9

60.0-64.9

55.0-59.9

Noise Important Area (labelled using "ID_XXX")

Noise Sensitive Receptors

Non-residential (High Sensitivity)

Non-residential (Medium Sensitivity)

Non-residential (Low Sensitivity)

Residential

Negligible

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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nationalgrid

PROJECT:

Norwich to Tilbury

Title:

Figure 14.1 - Noise and Vibration - Baseline Noise Data

Page 8 of 25

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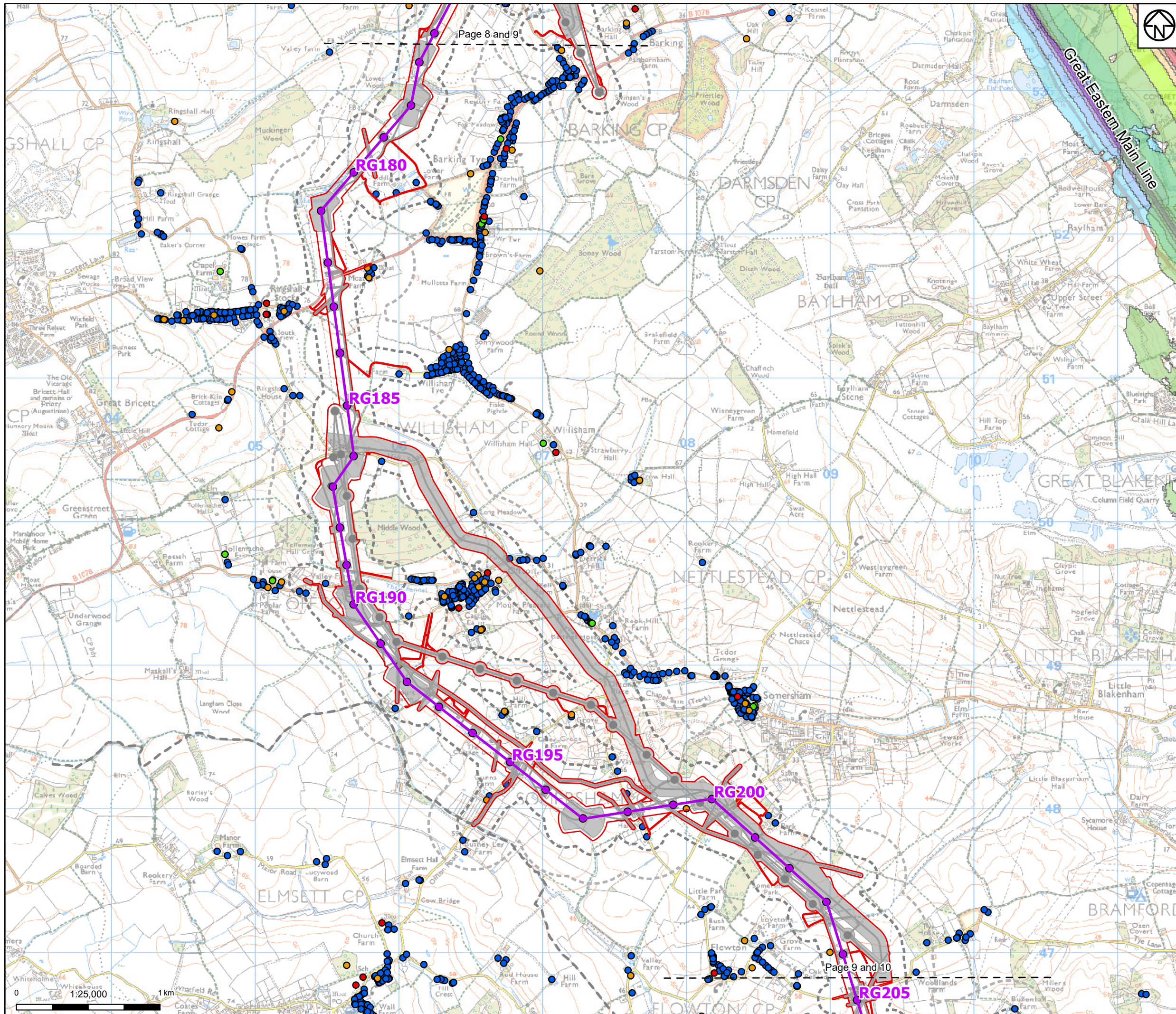
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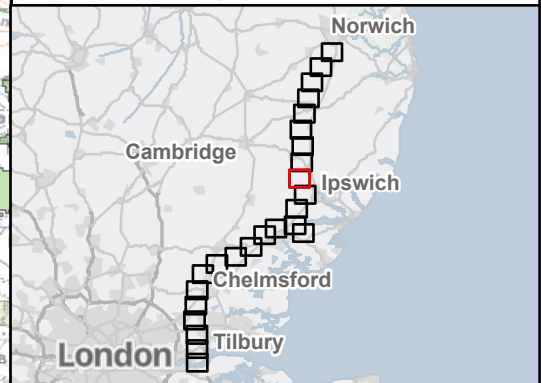
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- Legend**
- Draft order limits
 - Project sections
 - Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
 - Defra Noise Data (Road)**
 - >=75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
 - Defra Noise Data (Rail)**
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
 - Noise Sensitive Receptors**
 - Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
 - Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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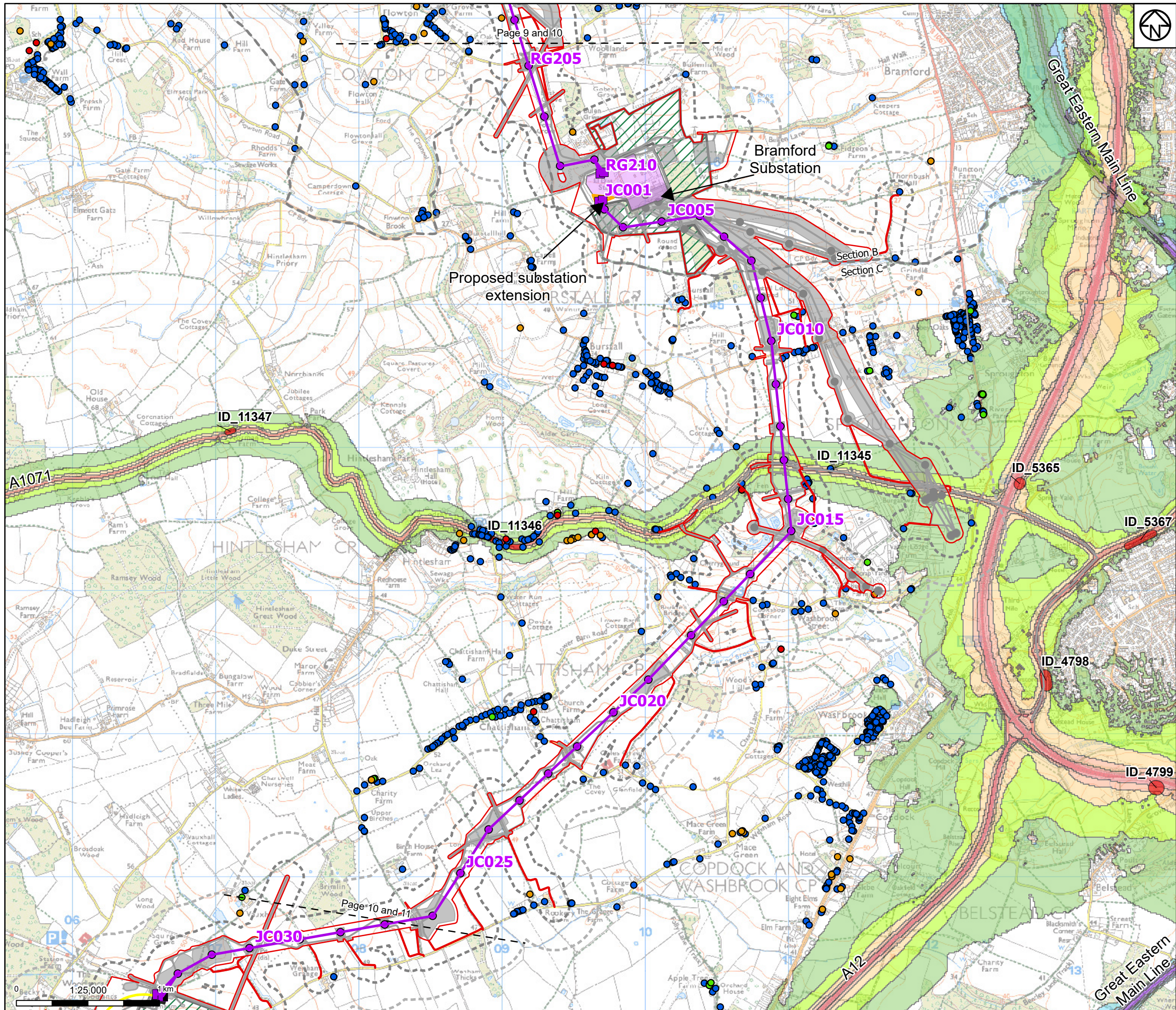
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nationalgrid Norwich to Tilbury

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Figure 14.1 - Noise and Vibration - Baseline Noise Data
Page 9 of 25

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Suitability Description: Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00108	B



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

- Construction Vibration 100m Study Area
- Construction Noise 300m Study Area

Defra Noise Data (Road)

- >=75.0
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

Defra Noise Data (Rail)

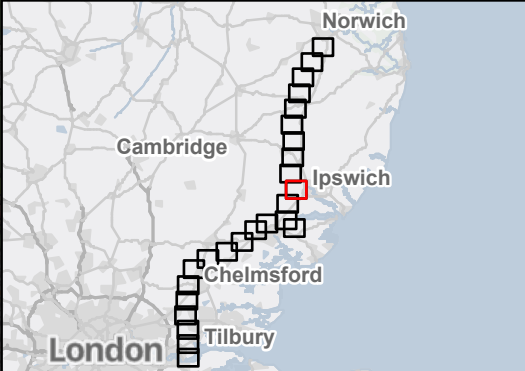
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

Noise Sensitive Receptors

- Non-residential (High Sensitivity)
- Non-residential (Medium Sensitivity)
- Non-residential (Low Sensitivity)
- Residential

Note: The proposed overhead line alignment and proposed underground cable alignment together

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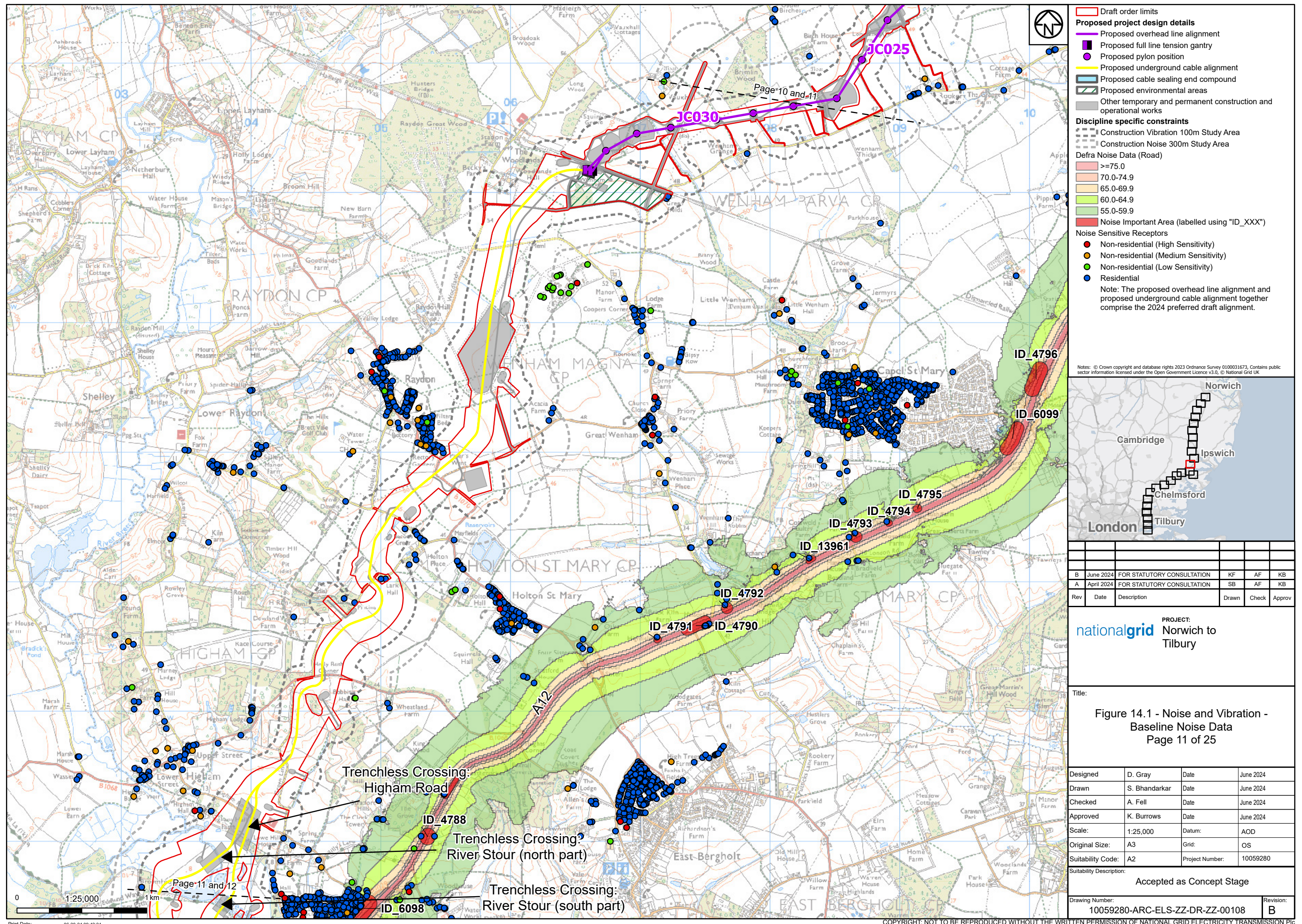
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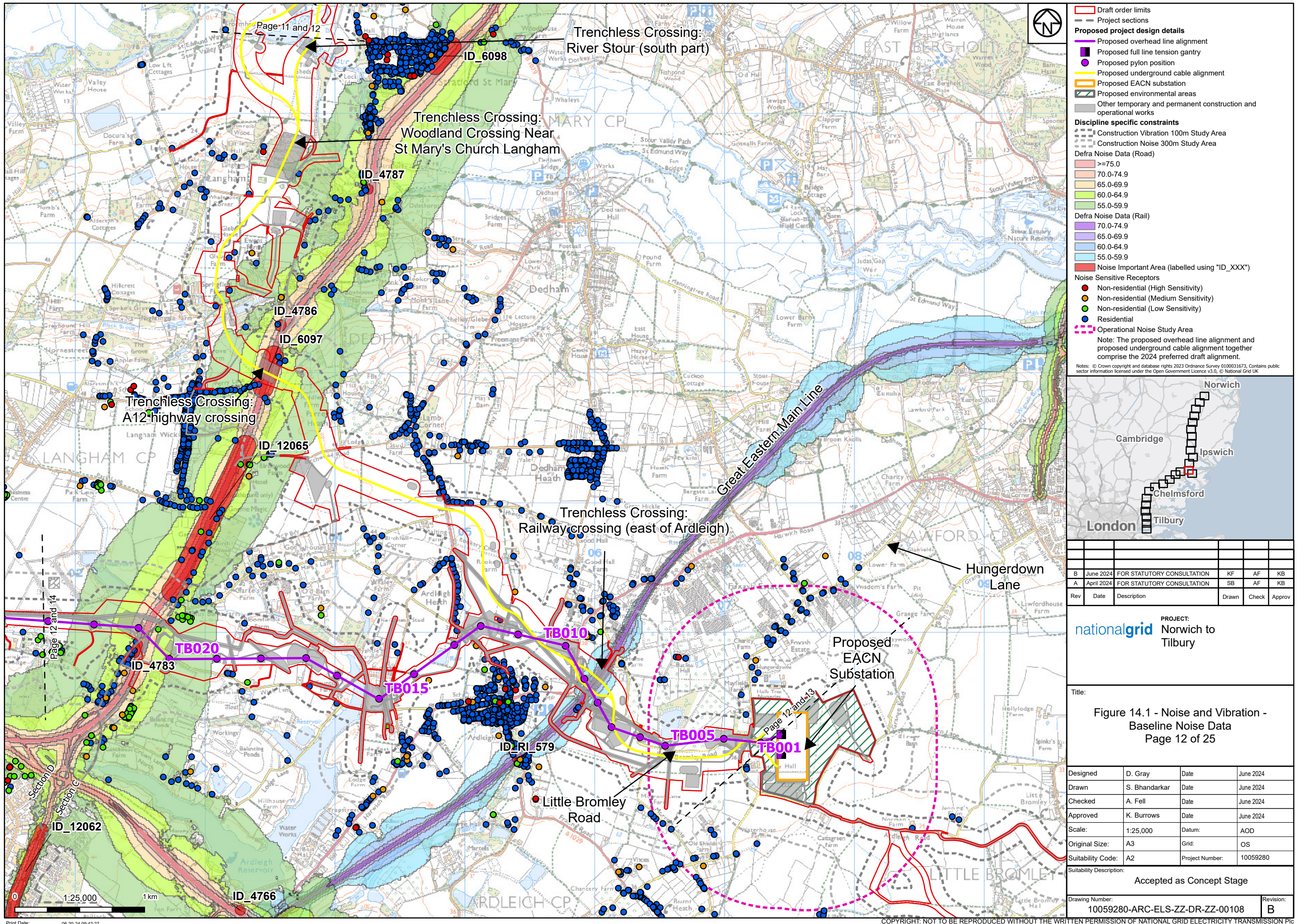
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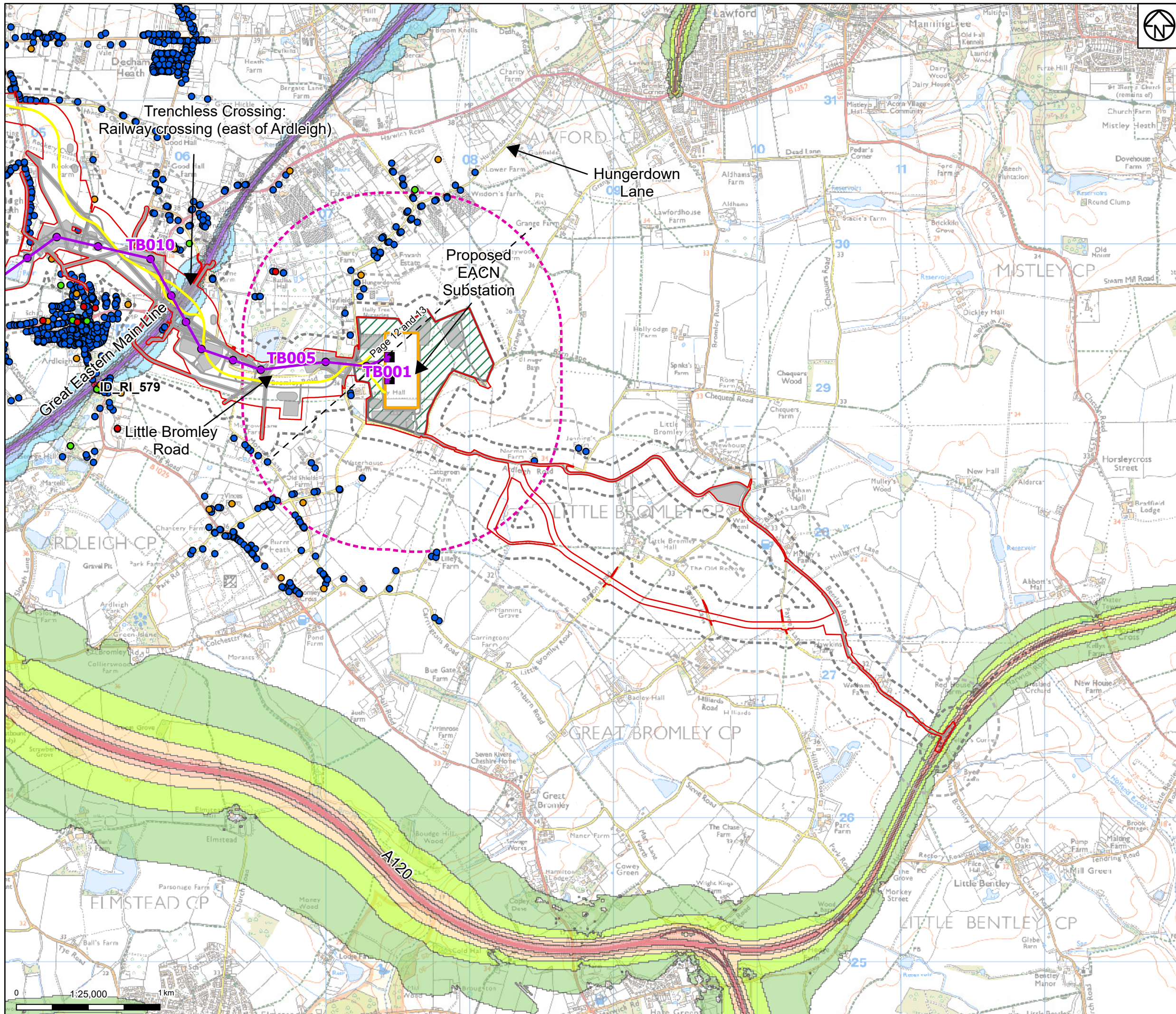
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Figure 14.1 - Noise and Vibration -
Baseline Noise Data
Page 10 of 25

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Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00108	Revision: B
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- 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**
- Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area

- Defra Noise Data (Road)**
- >=75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
- Defra Noise Data (Rail)**
- 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
- Noise Important Area (labelled using "ID_XXX")**

- Noise Sensitive Receptors**
- Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
- Operational Noise Study Area**
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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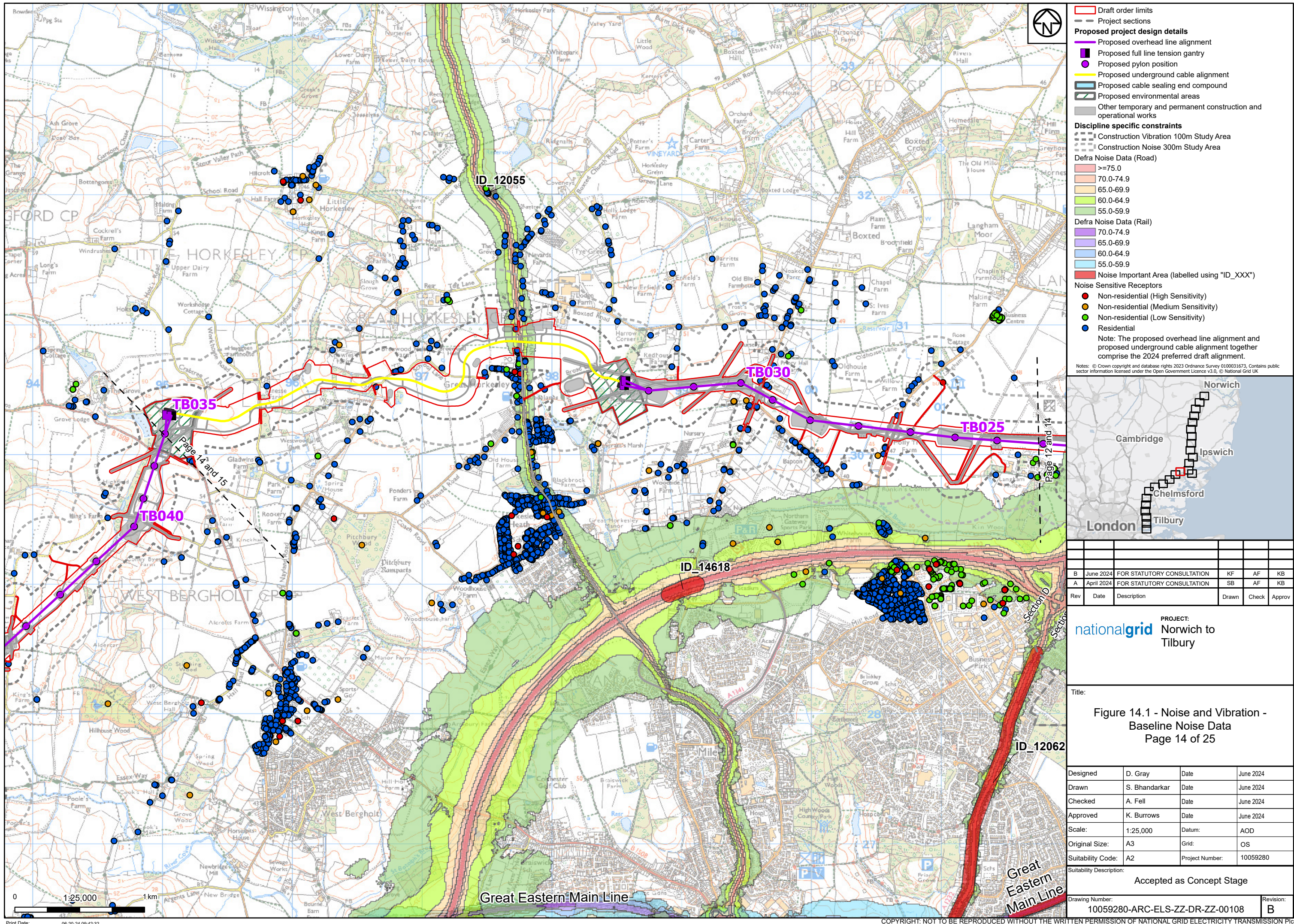
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Page 13 of 25

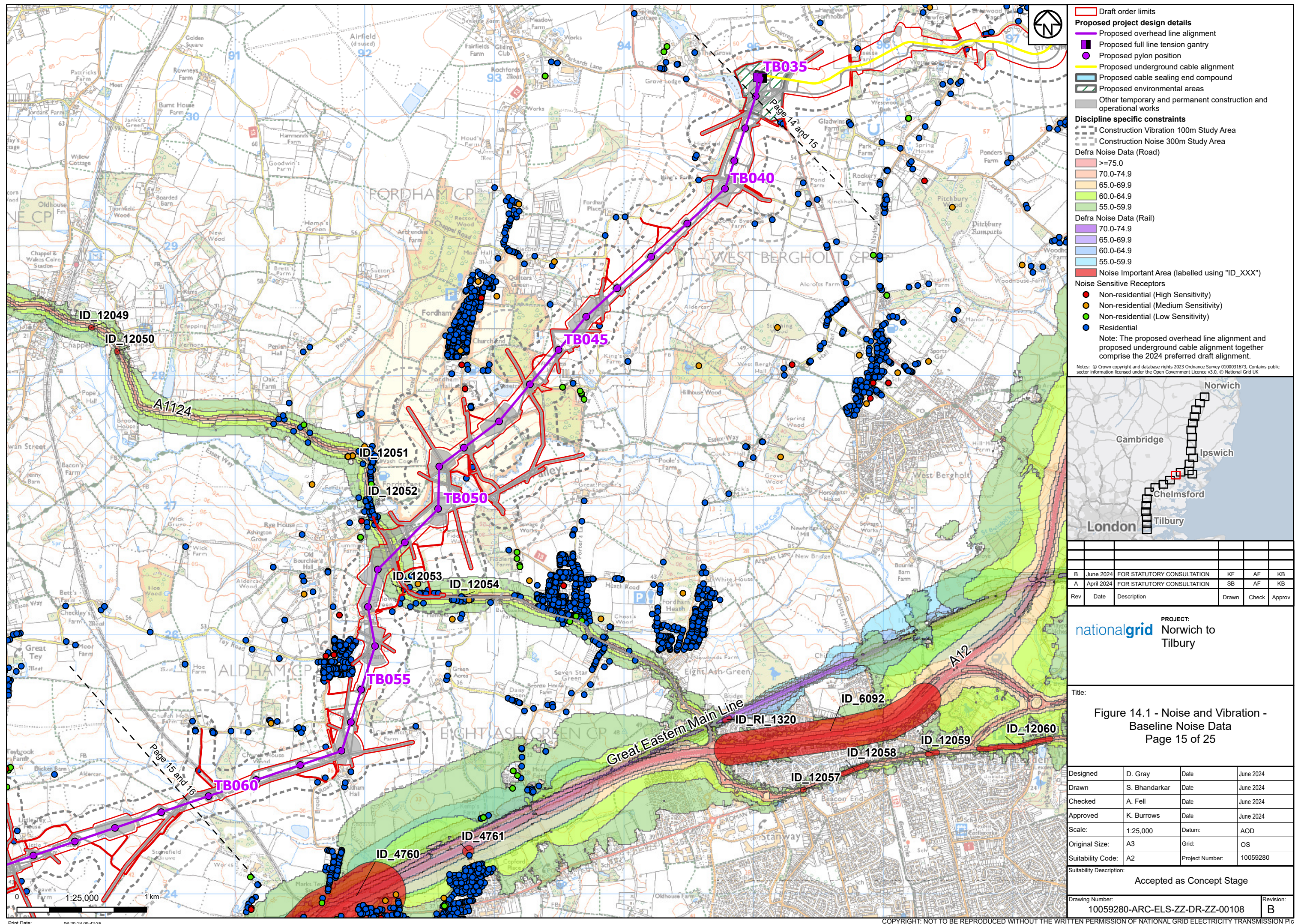
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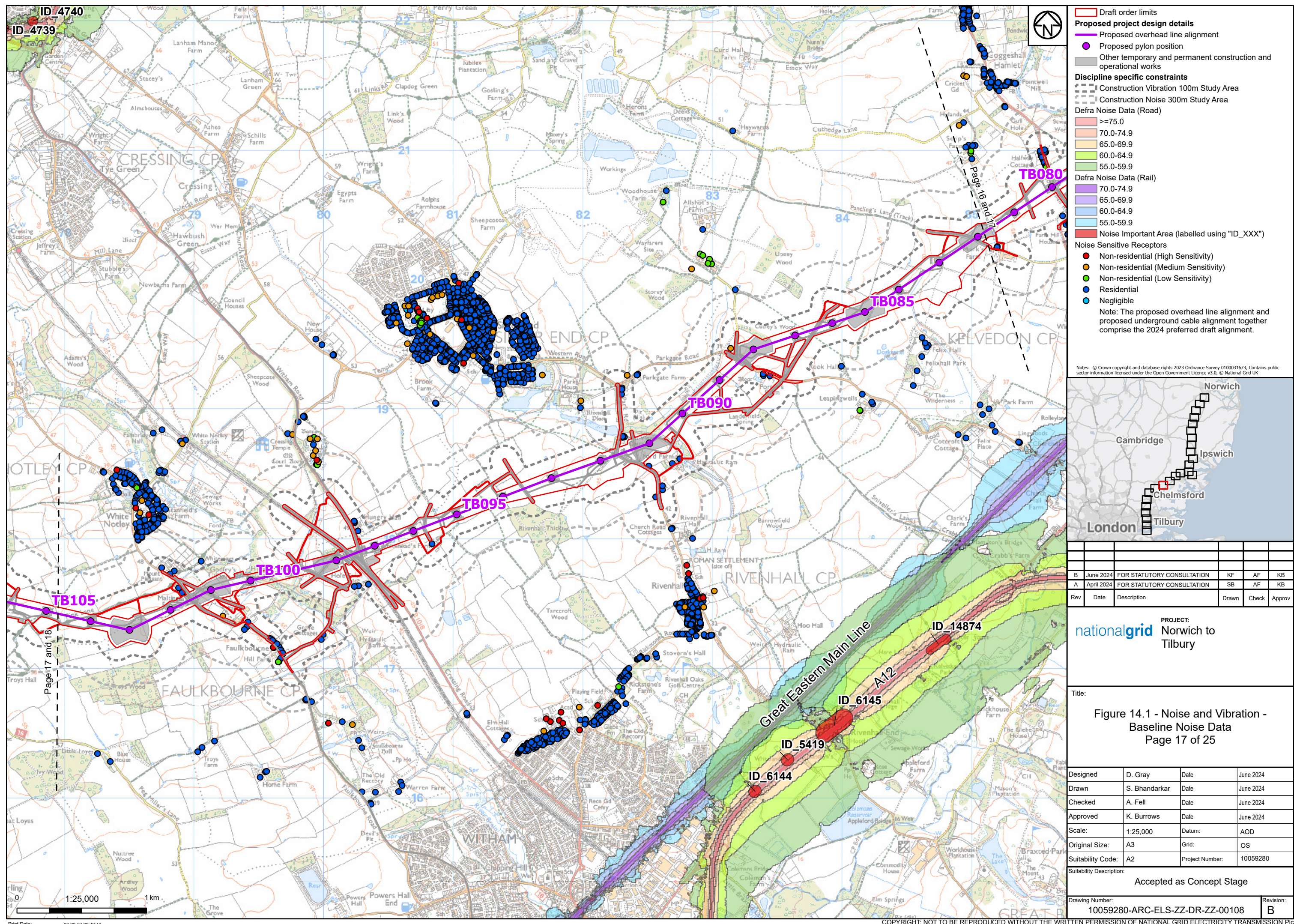
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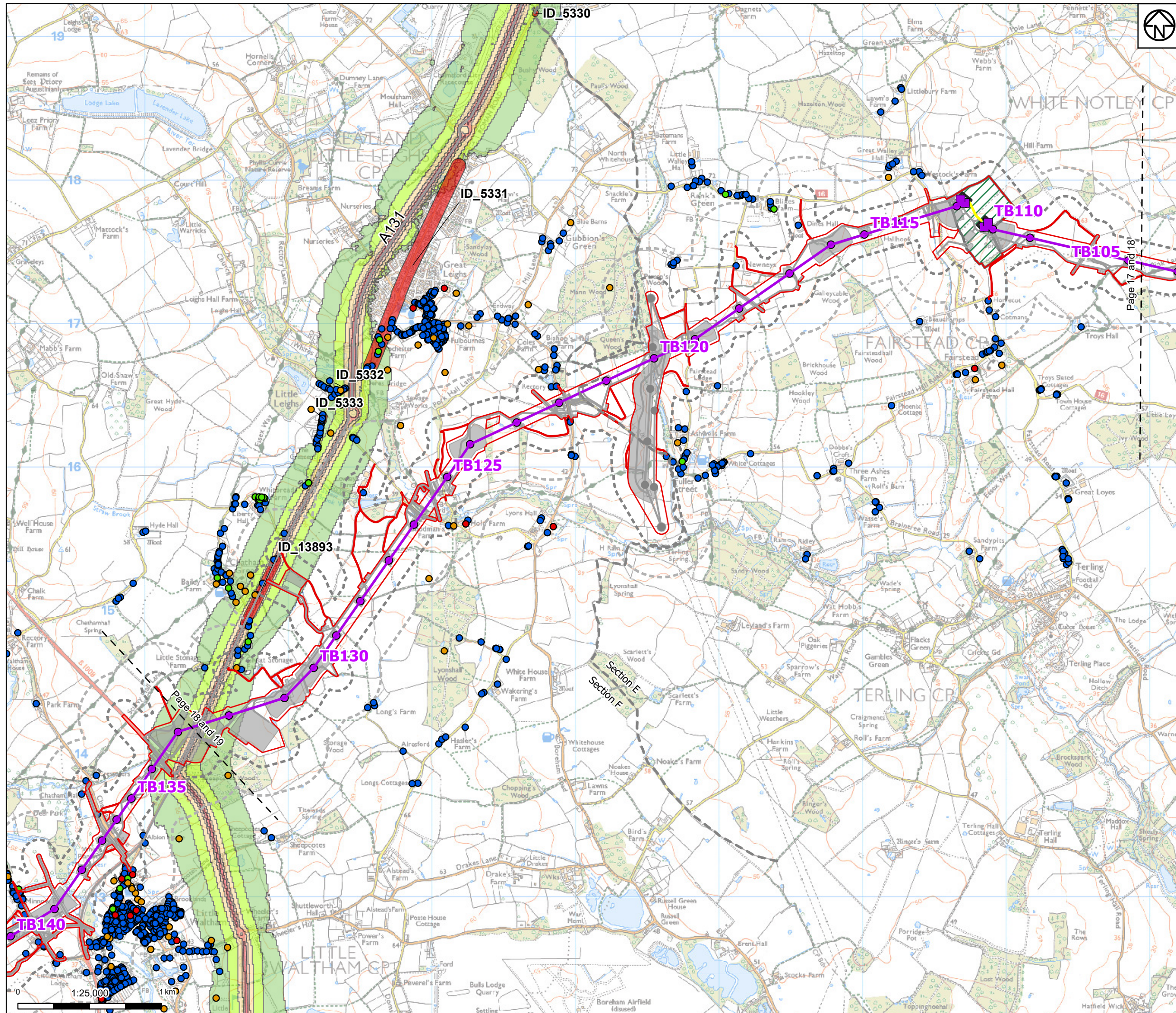
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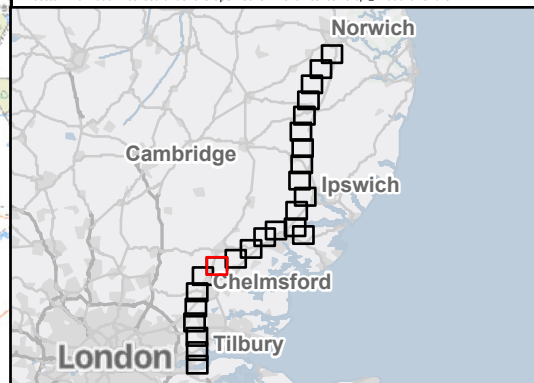






- Draft order limits
- Project sections
- Proposed project design details**
 - Proposed overhead line alignment
 - Proposed low duty gantry
 - Proposed pylon position
 - Proposed underground cable alignment
 - Proposed cable sealing end compound
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - Construction Vibration 100m Study Area
 - Construction Noise 300m Study Area
- Defra Noise Data (Road)
 - >=75.0
 - 70.0-74.9
 - 65.0-69.9
 - 60.0-64.9
 - 55.0-59.9
 - Noise Important Area (labelled using "ID_XXX")
- Noise Sensitive Receptors
 - Non-residential (High Sensitivity)
 - Non-residential (Medium Sensitivity)
 - Non-residential (Low Sensitivity)
 - Residential
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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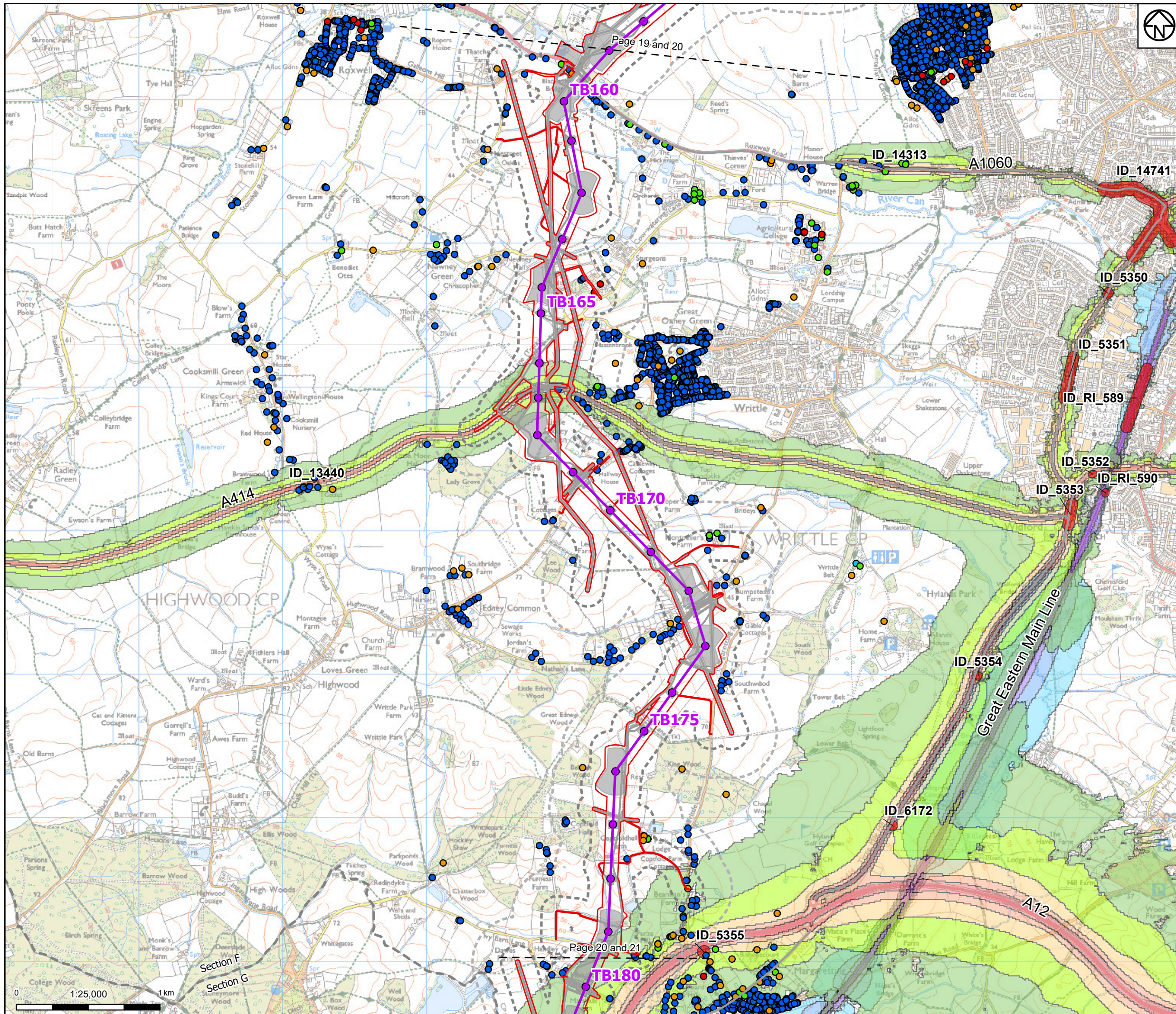
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Figure 14.1 - Noise and Vibration -
Baseline Noise Data
Page 18 of 25

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- Construction Noise 300m Study Area

Defra Noise Data (Road)

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- 70.0-74.9
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Defra Noise Data (Rail)

- >=75.0
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
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Noise Sensitive Receptors

- Non-residential (High Sensitivity)
- Non-residential (Medium Sensitivity)
- Non-residential (Low Sensitivity)
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- Negligible

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

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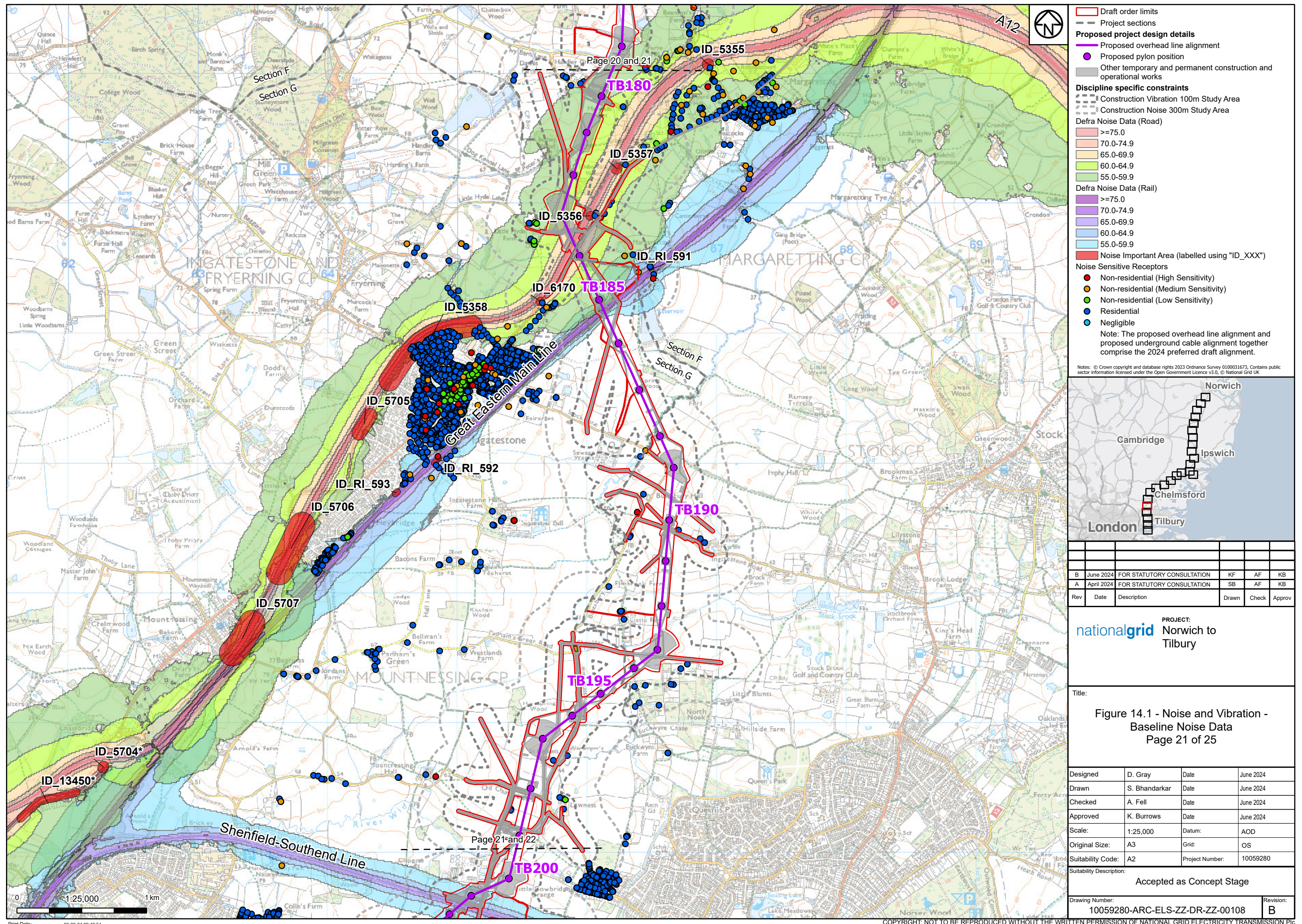
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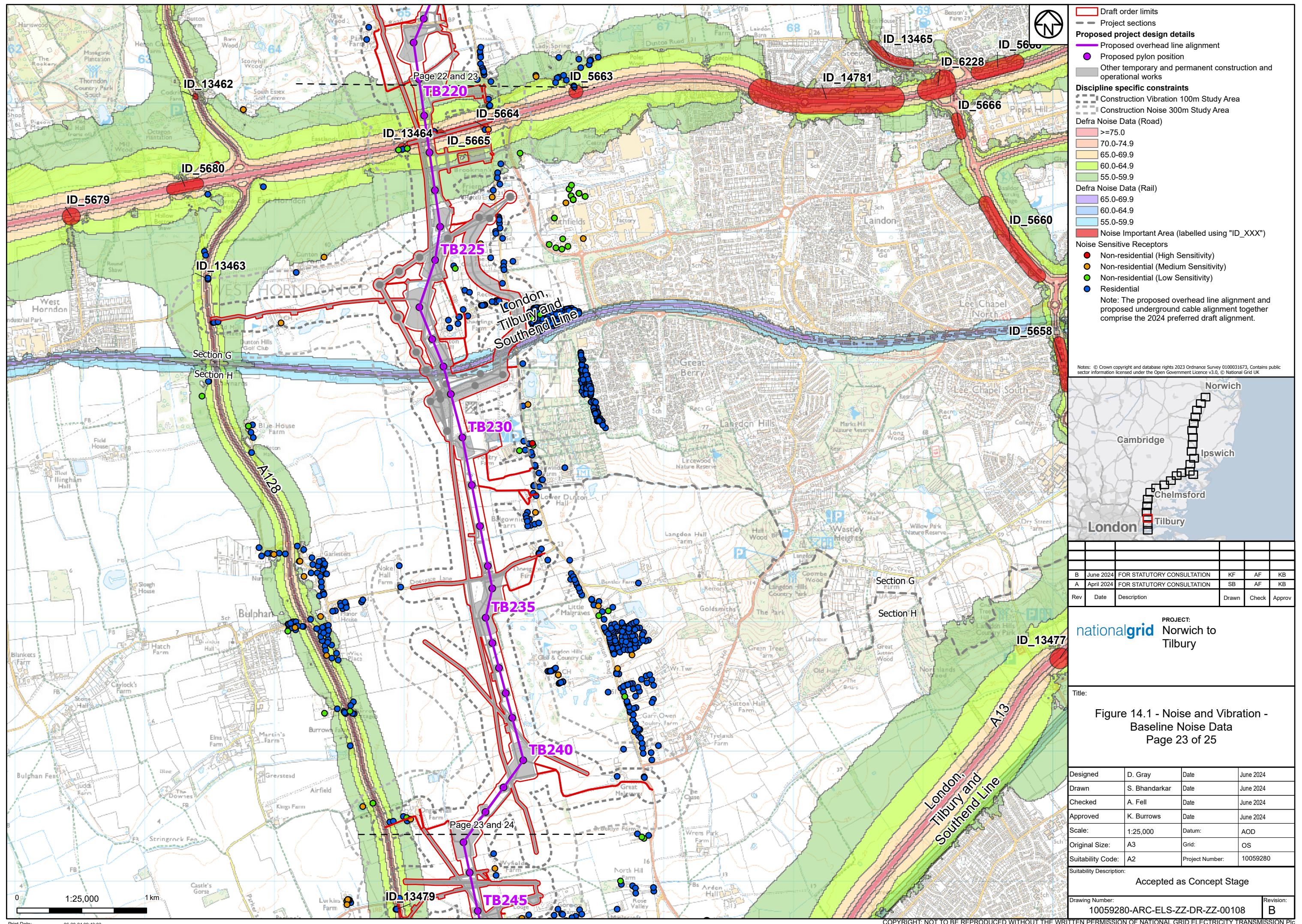
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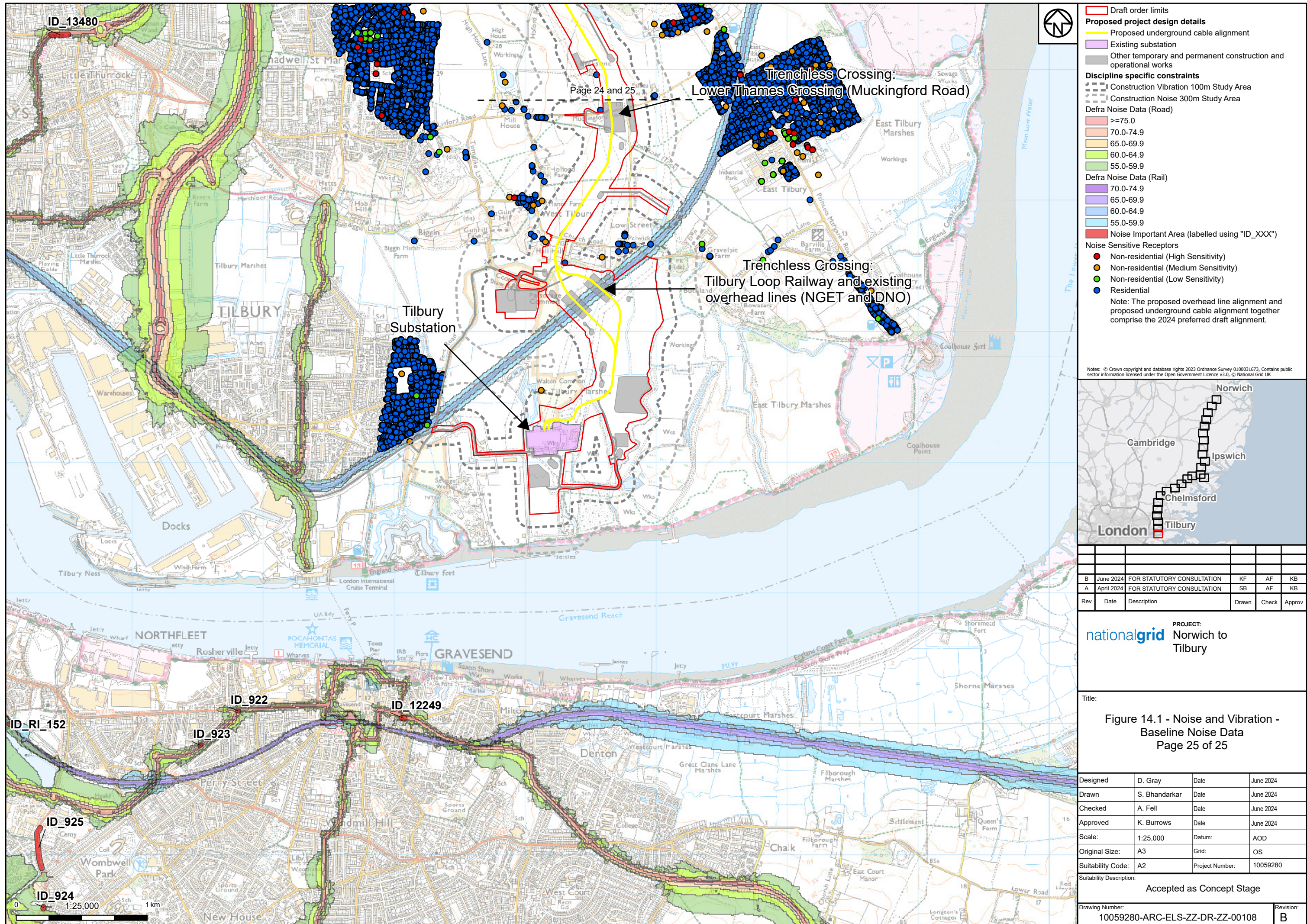
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Drawn	S. Bhandarkar	Date	June 2024
Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:	Accepted as Concept Stage		

Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00108

Revision: B







Legend

Proposed project design details

- Draft order limits
- Proposed underground cable alignment
- Existing substation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Construction Vibration 100m Study Area
- Construction Noise 300m Study Area

Defra Noise Data (Road)

- >=75.0
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

Defra Noise Data (Rail)

- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

Noise Sensitive Receptors

- Non-residential (High Sensitivity)
- Non-residential (Medium Sensitivity)
- Non-residential (Low Sensitivity)
- Residential

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

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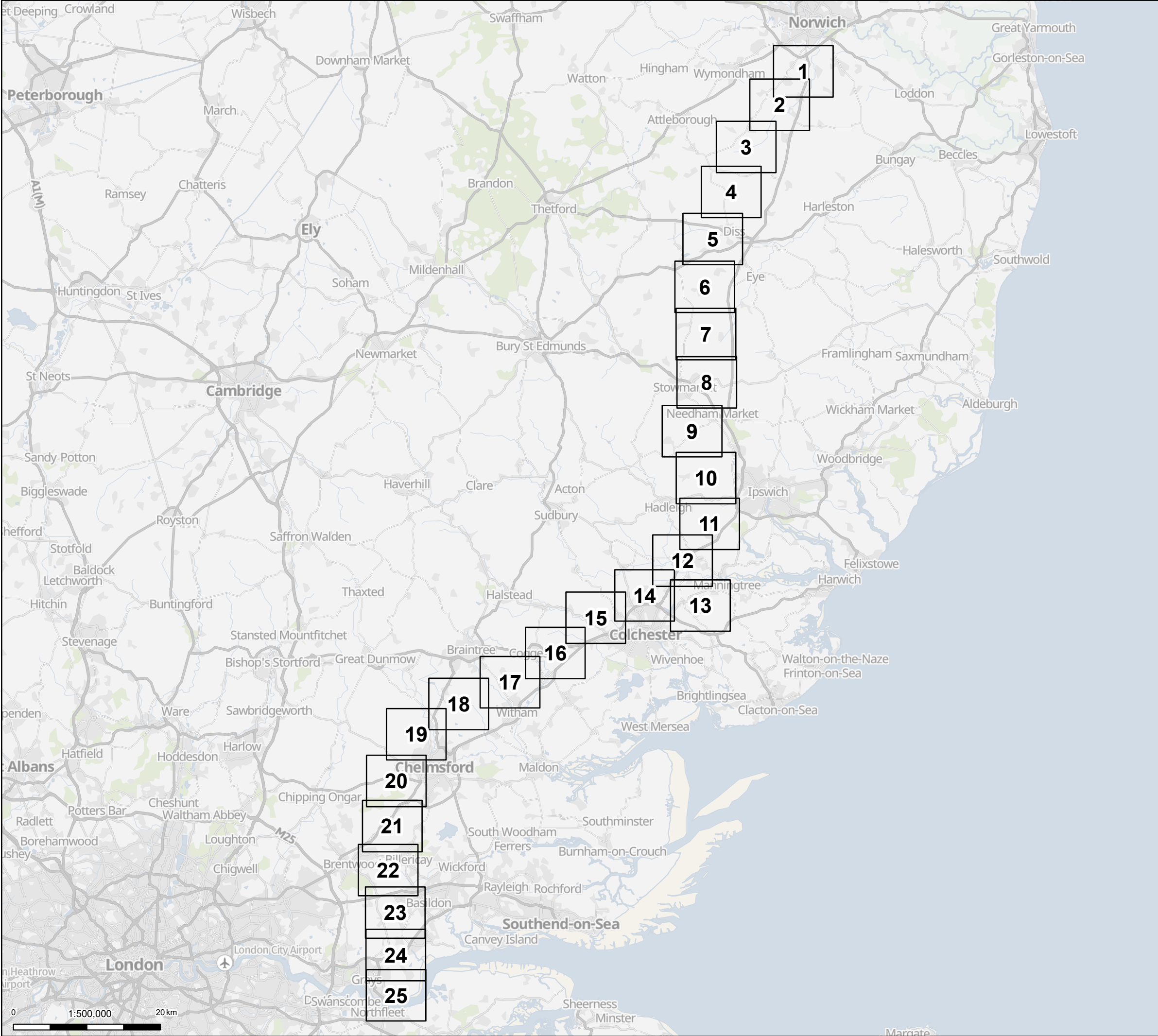
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Page 25 of 25


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Norwich to Tilbury

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Figure 14.2 - Noise and Vibration - Initial Construction Noise and Vibration Assessment Outputs Overview

Designed	D. Gray	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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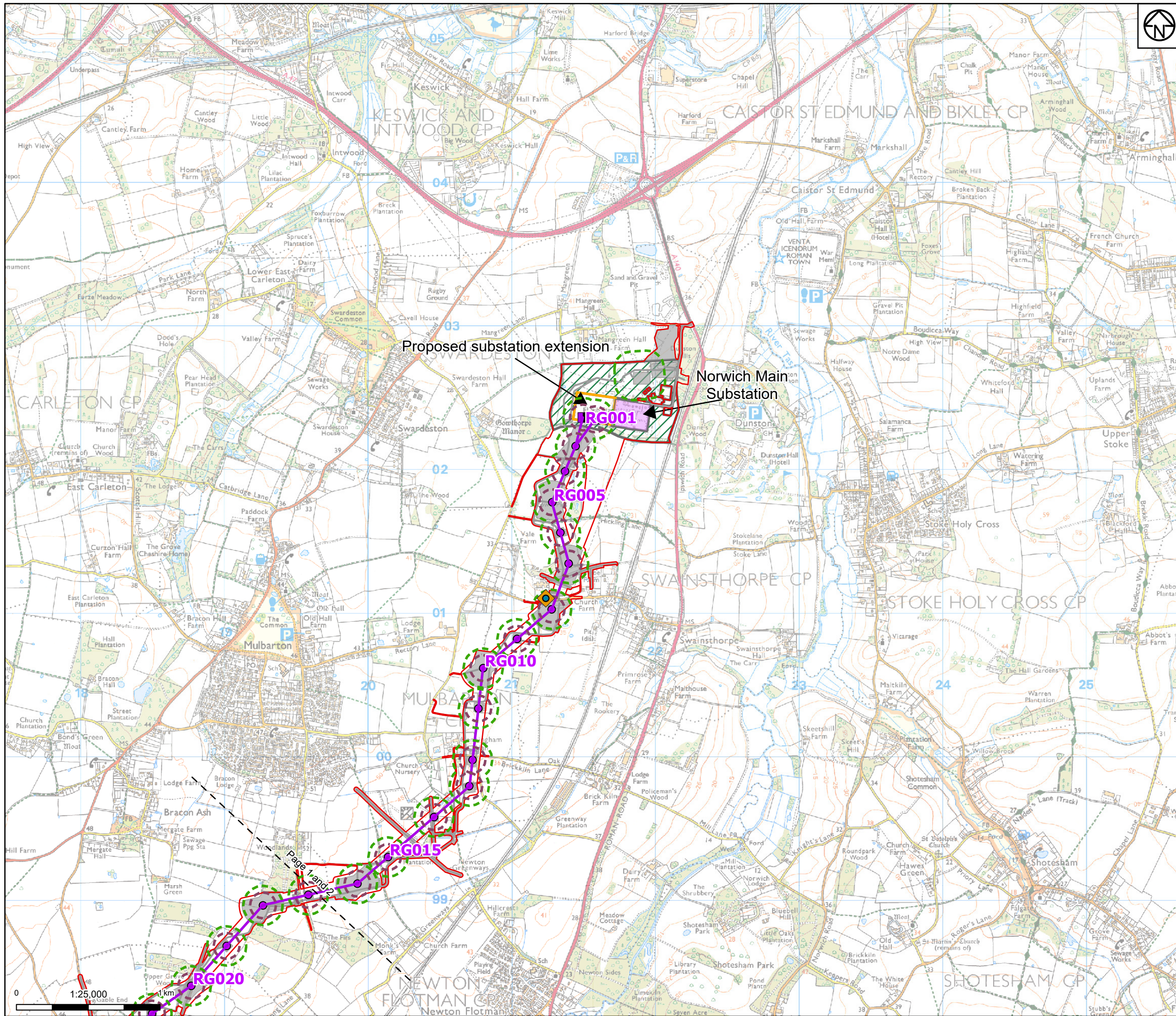
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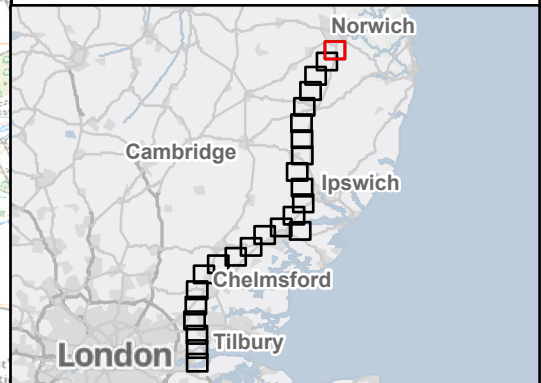


- Proposed project design details**
- Proposed overhead line alignment
 - Proposed full line tension gantry
 - Proposed pylon position
 - Existing substation
 - Proposed substation extension
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works

- Discipline specific constraints**
- Potential construction noise significant adverse effects (daytime) - without mitigation
 - Potential construction vibration significant adverse effects (daytime) - without mitigation
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation

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

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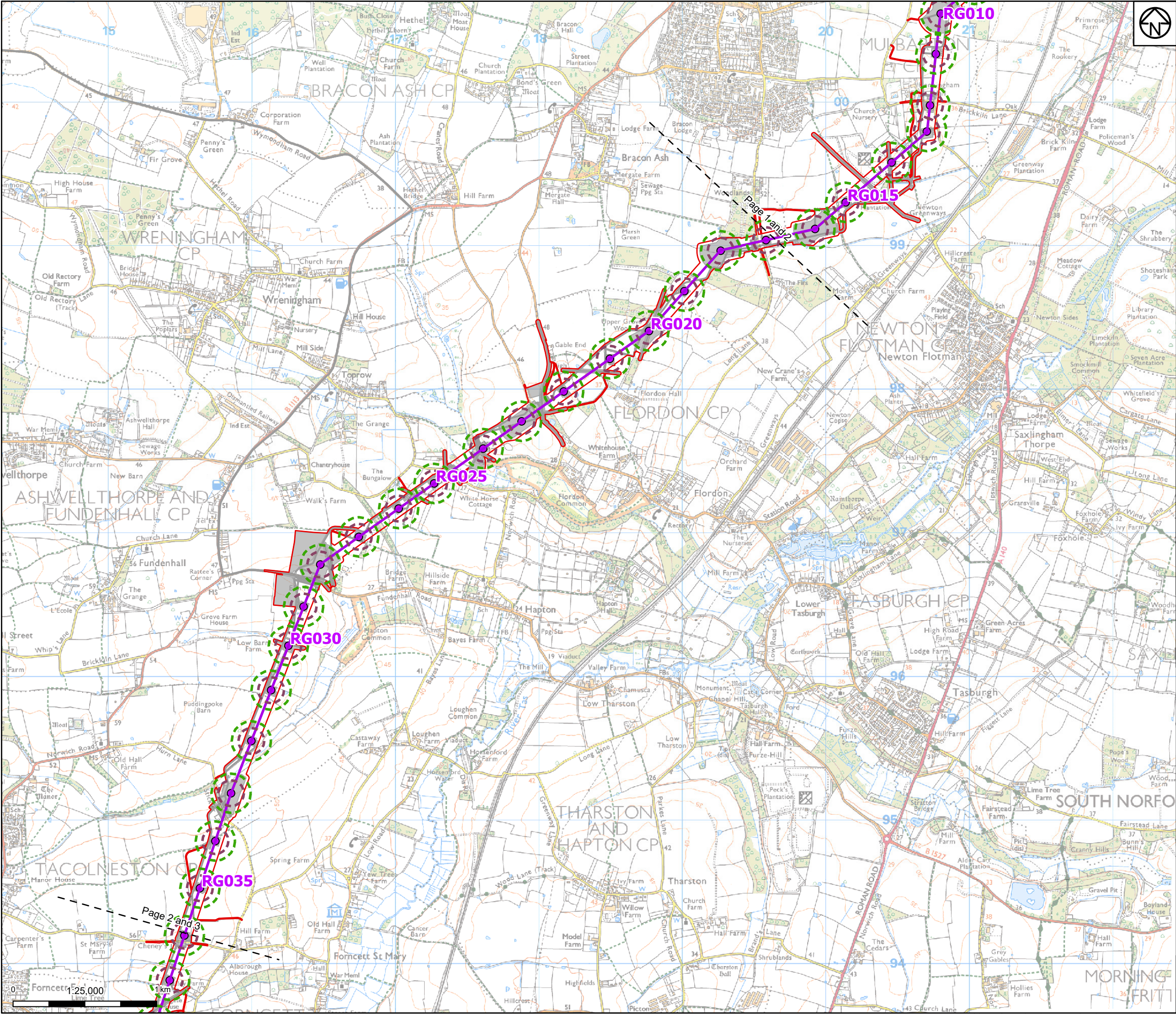
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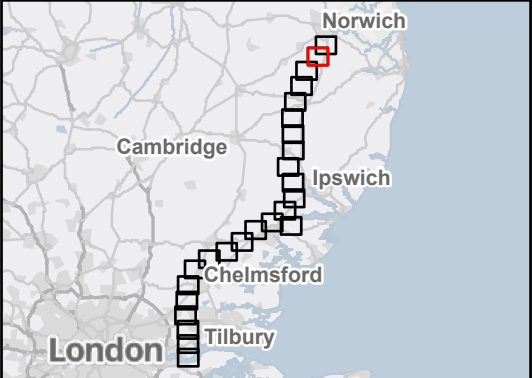
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Suitability Code:	A2	Project Number:	10059280
Suitability Description:	Accepted as Concept Stage		

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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
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation
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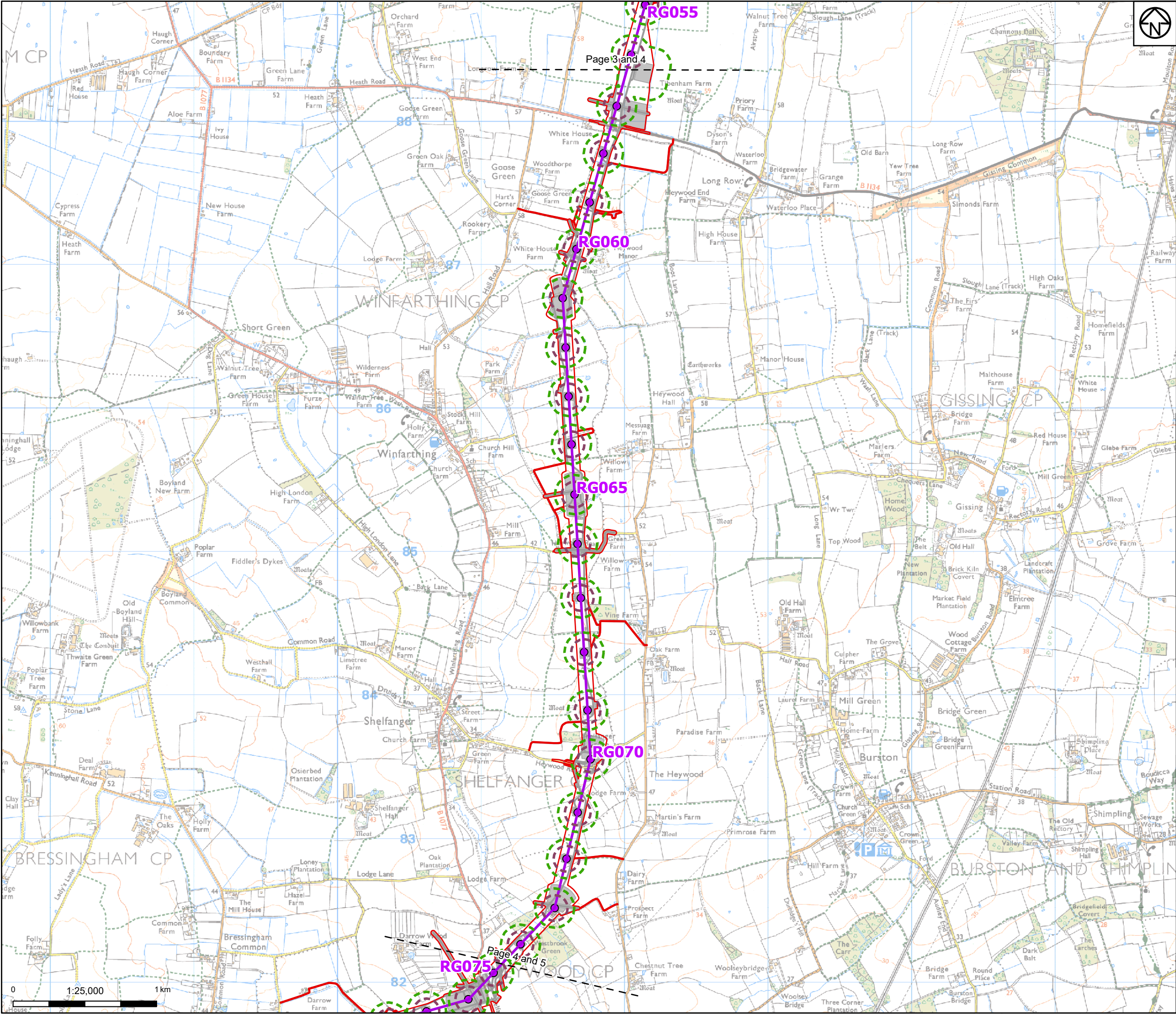
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Figure 14.2 - Noise and Vibration - Initial Construction Noise and Vibration Assessment Outputs

Page 2 of 25

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Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
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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

Construction noise SOAEL buffer (daytime)-without mitigation

Construction vibration SOAEL buffer - without mitigation

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

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Figure 14.2 - Noise and Vibration -
Initial Construction Noise and
Vibration Assessment Outputs
Page 4 of 25

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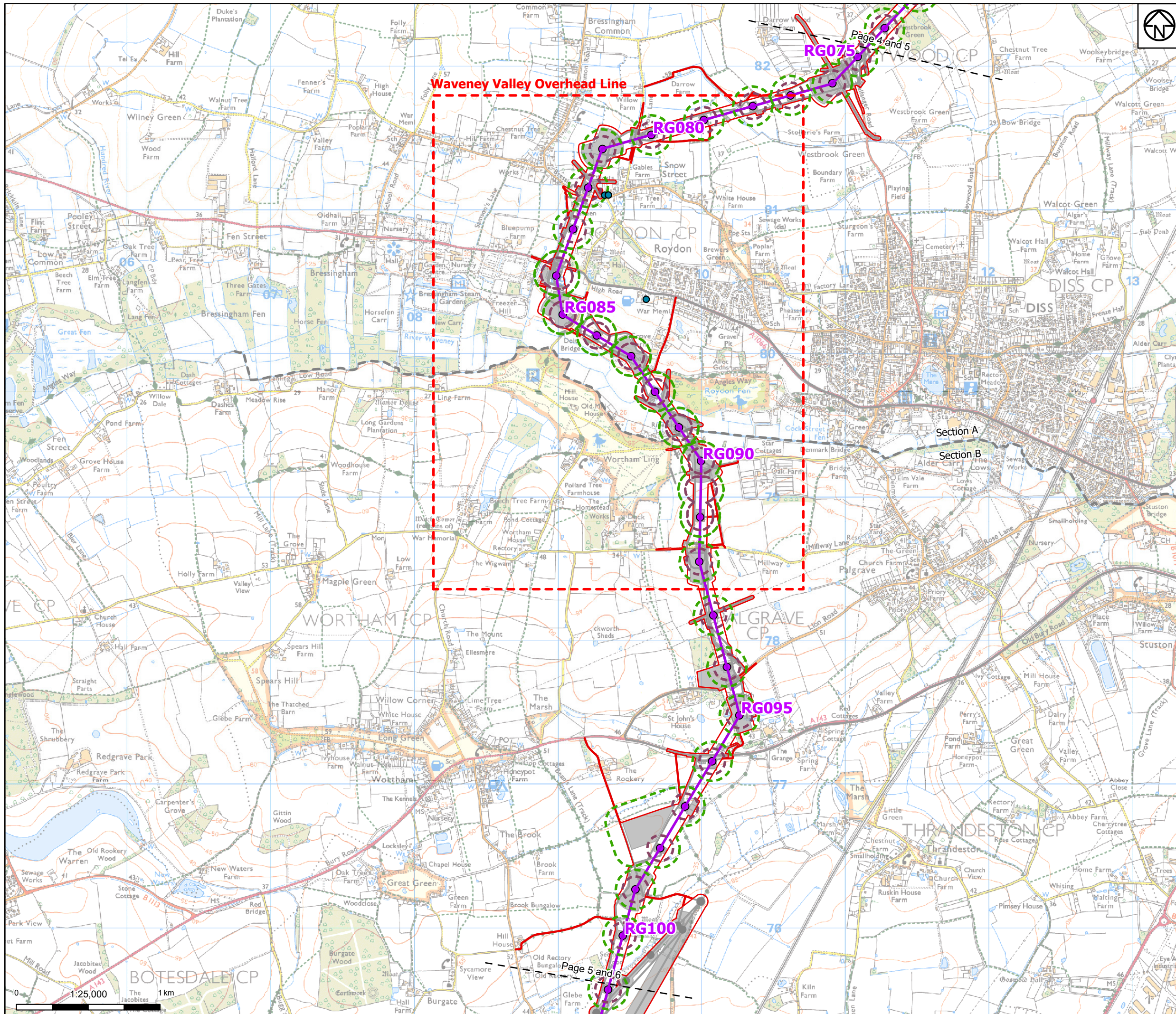
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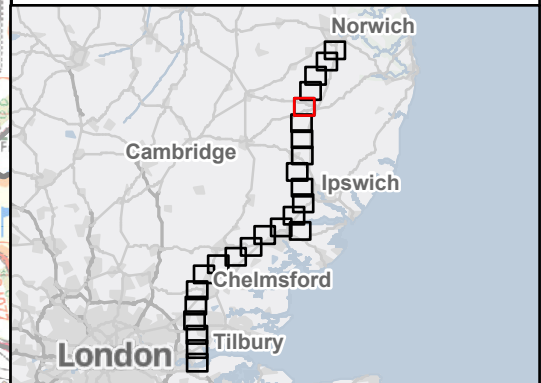
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- Draft order limits
 - Project sections
 - Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Potential construction noise significant adverse effects (daytime) - without mitigation
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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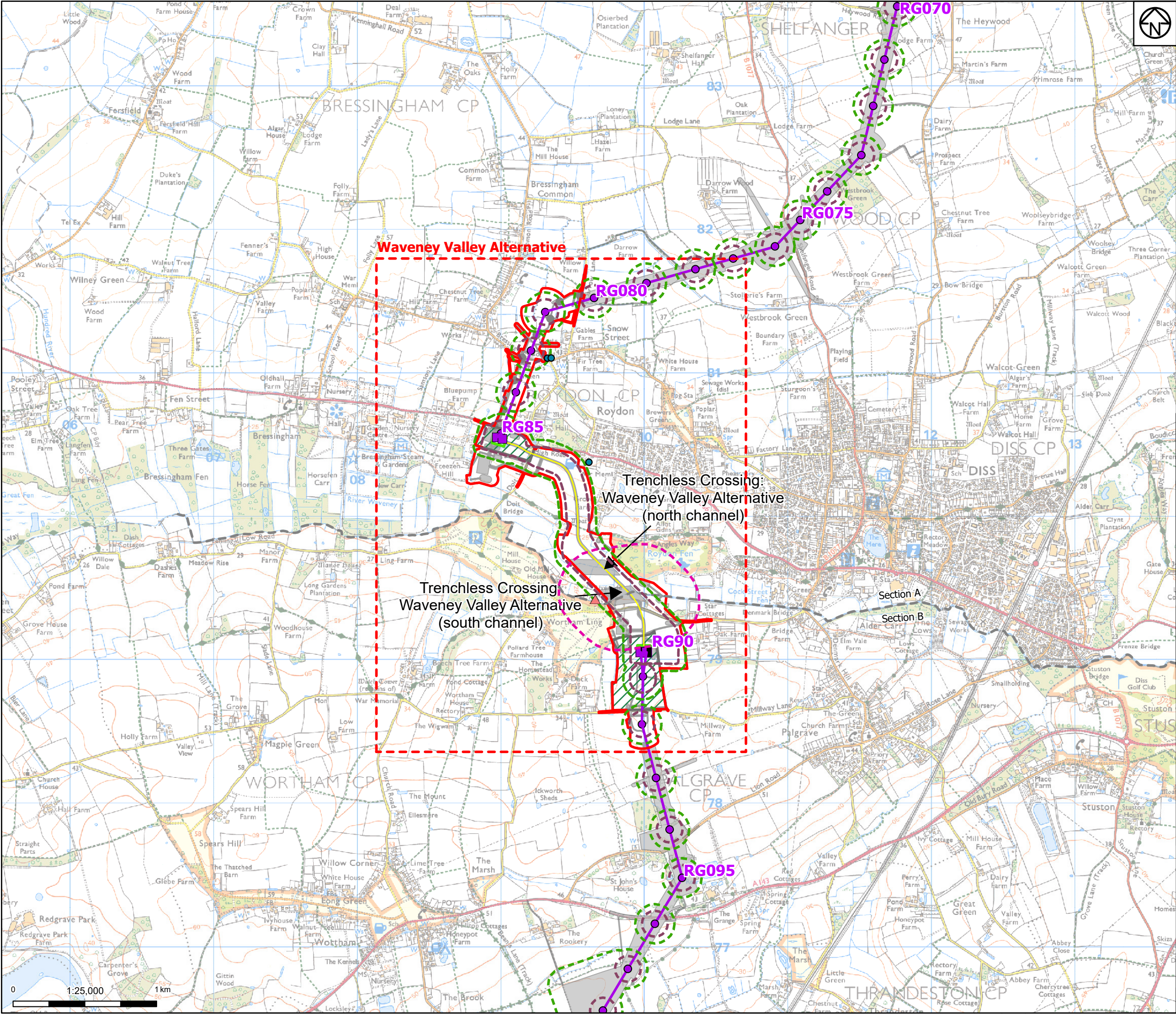
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Initial Construction Noise and
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Page 5 of 25

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Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

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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

Proposed cable sealing end compound

Proposed environmental areas

Other temporary and permanent construction and operational works

Discipline specific constraints

Potential construction noise significant adverse effects (daytime) - without mitigation

Potential construction noise significant adverse effects (night-time) - without mitigation

Construction noise SOAEL buffer (daytime)-without mitigation

Construction noise SOAEL buffer (night-time)-without mitigation

Construction vibration SOAEL buffer - without mitigation

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.
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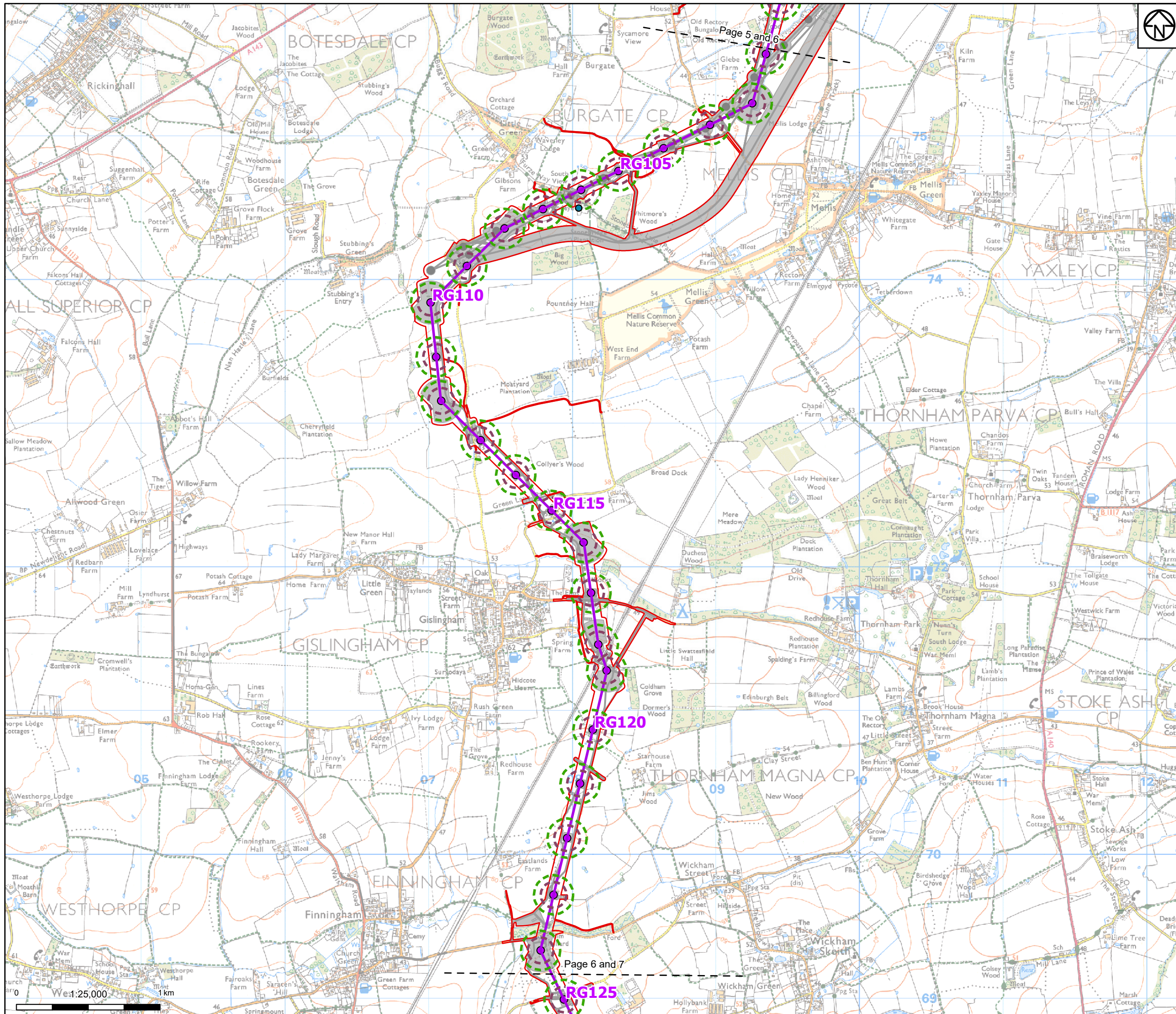
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Page 5a of 25
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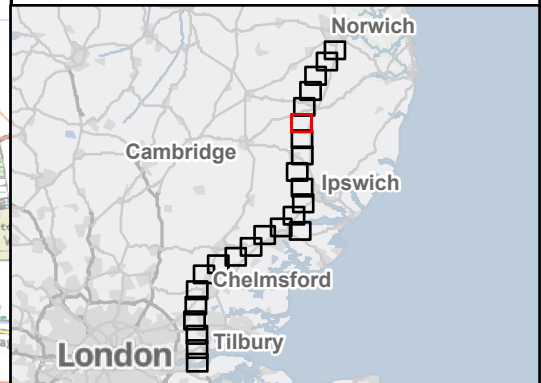
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- Draft order limits
- Proposed project design details
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 - Proposed pylon position
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Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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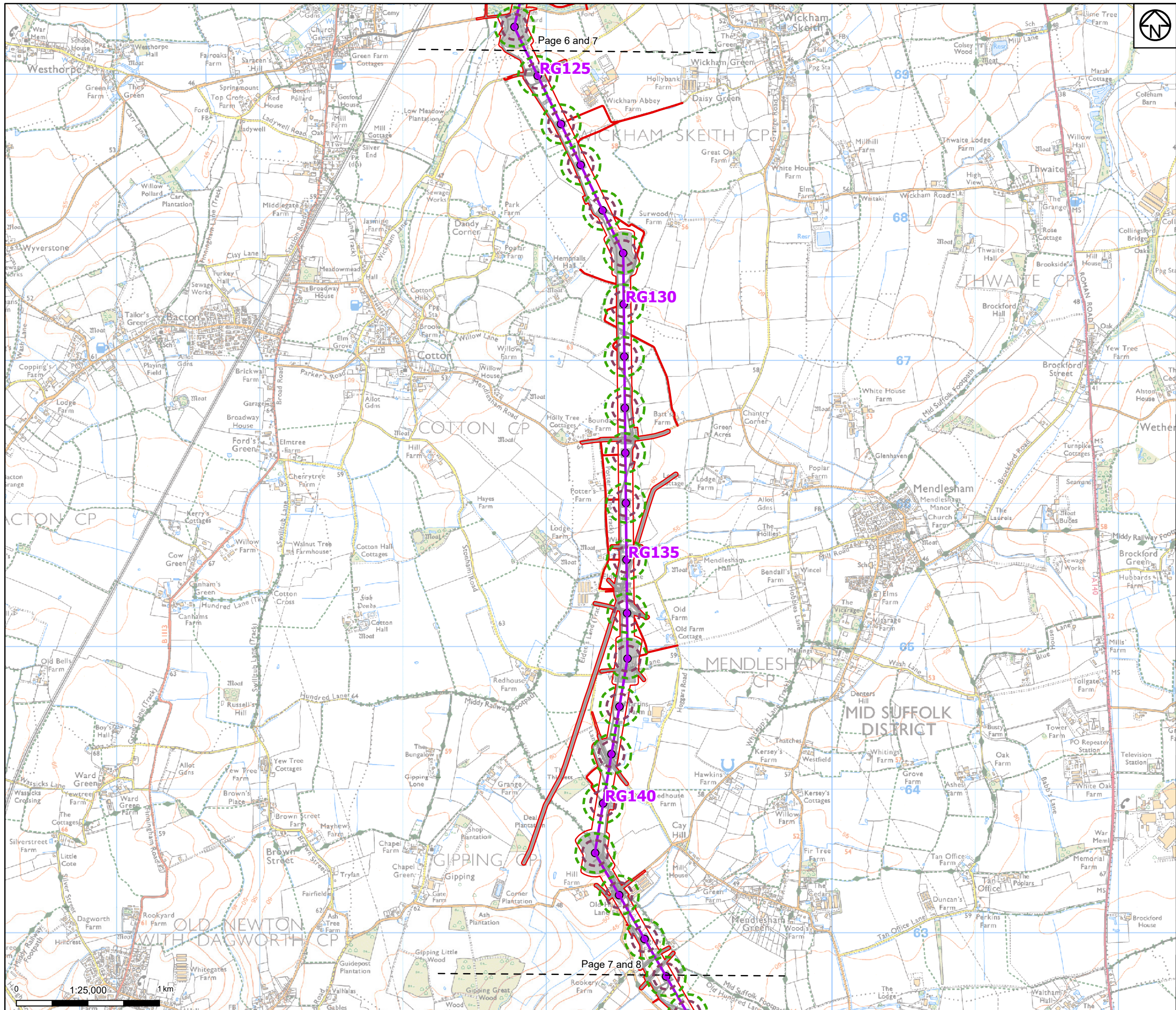
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Initial Construction Noise and
Vibration Assessment Outputs
Page 6 of 25

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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**
 - Construction noise SOAEL buffer (daytime)-without mitigation
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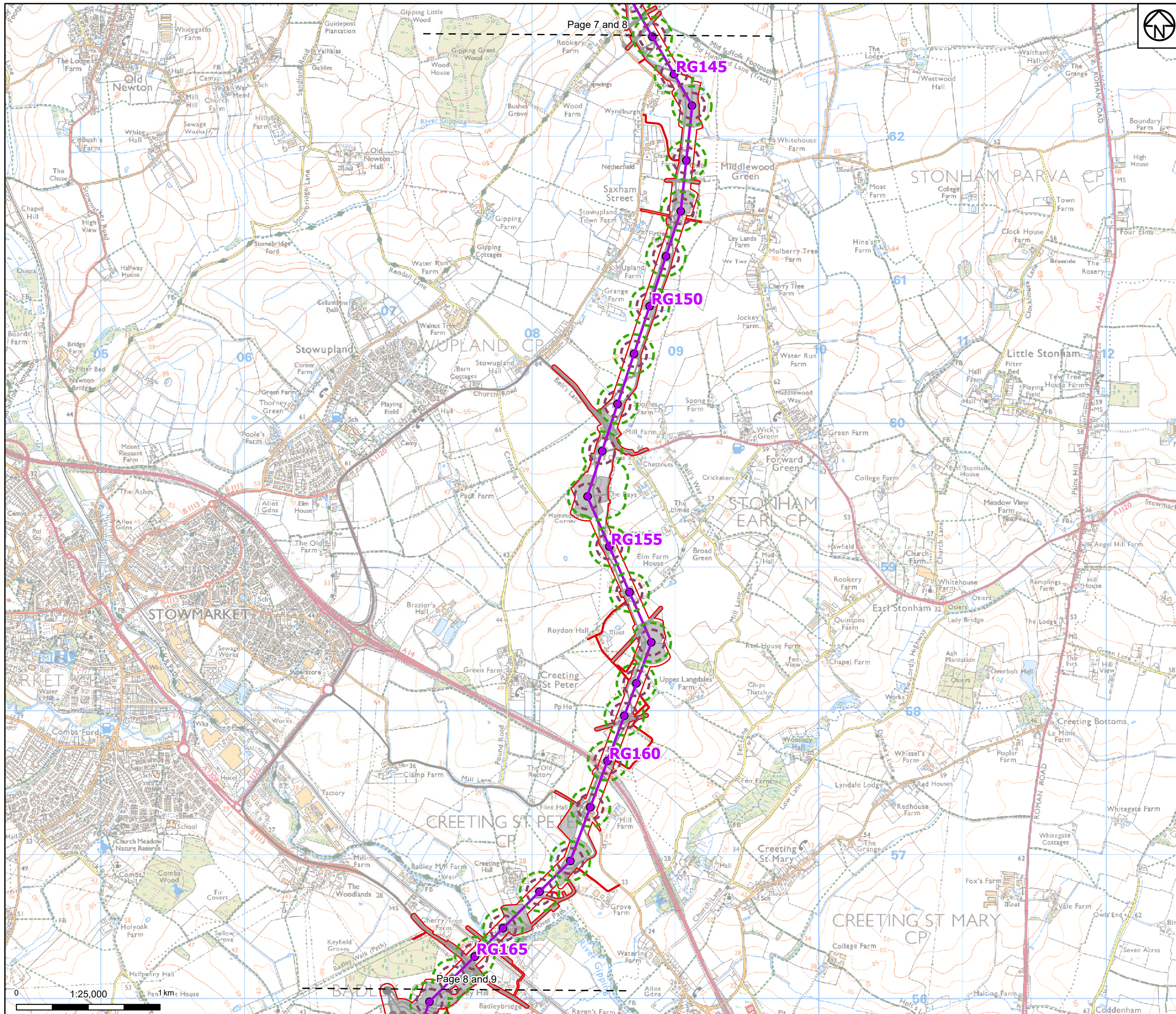
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Tilbury

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Initial Construction Noise and
Vibration Assessment Outputs
Page 7 of 25

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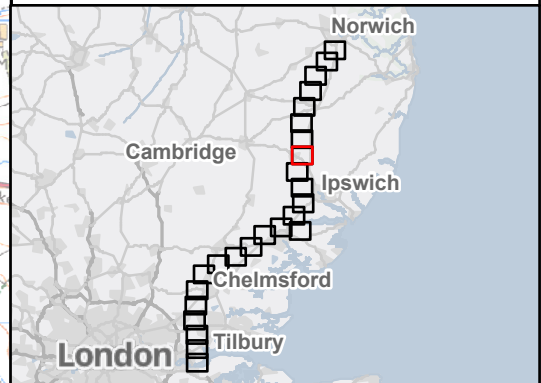
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 - Construction vibration SOAEL buffer - without mitigation

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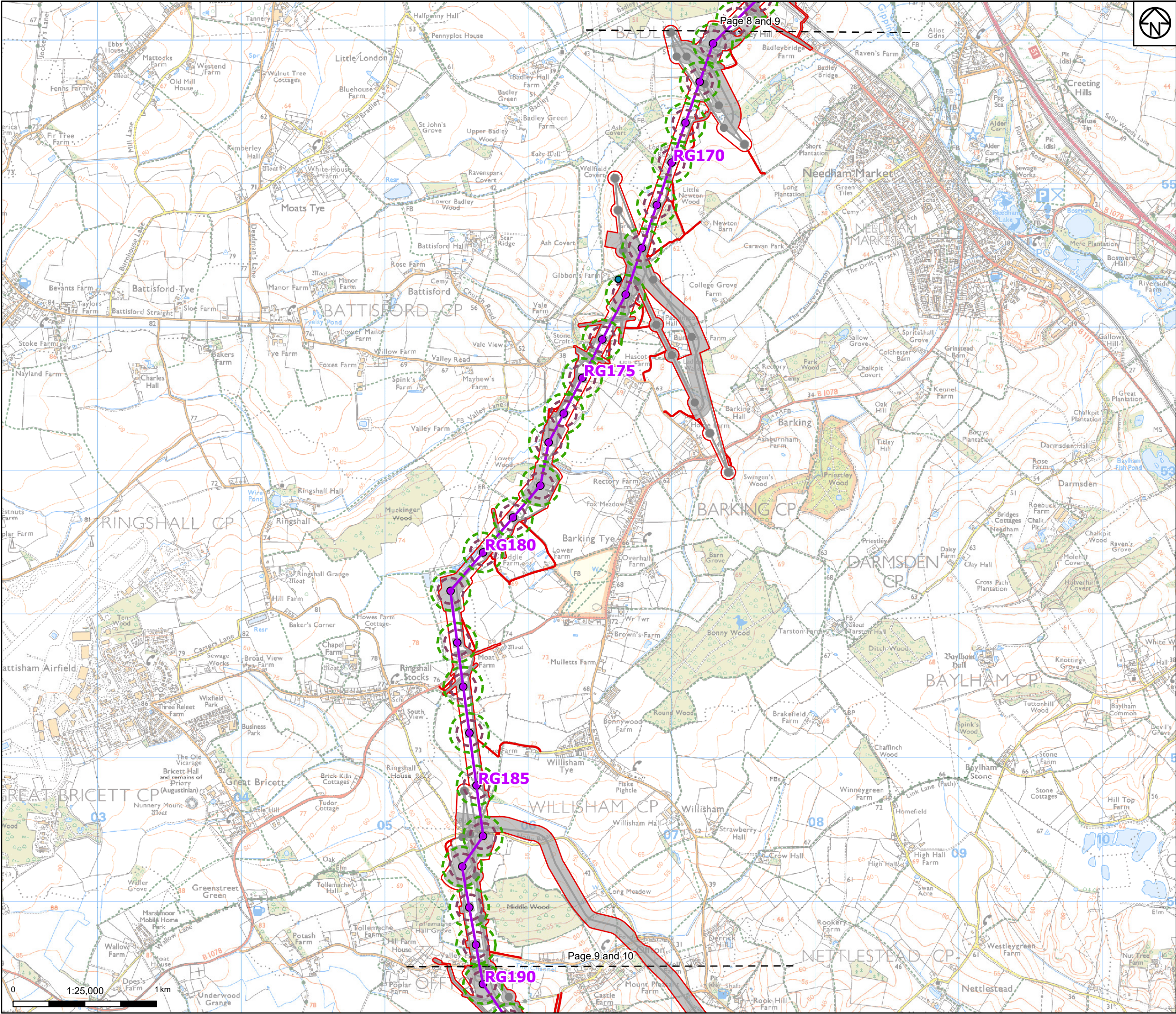
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Revision:
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Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

Potential construction noise significant adverse effects (daytime) - without mitigation

Construction noise SOAEL buffer (daytime)-without mitigation

Construction vibration SOAEL buffer - without mitigation

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

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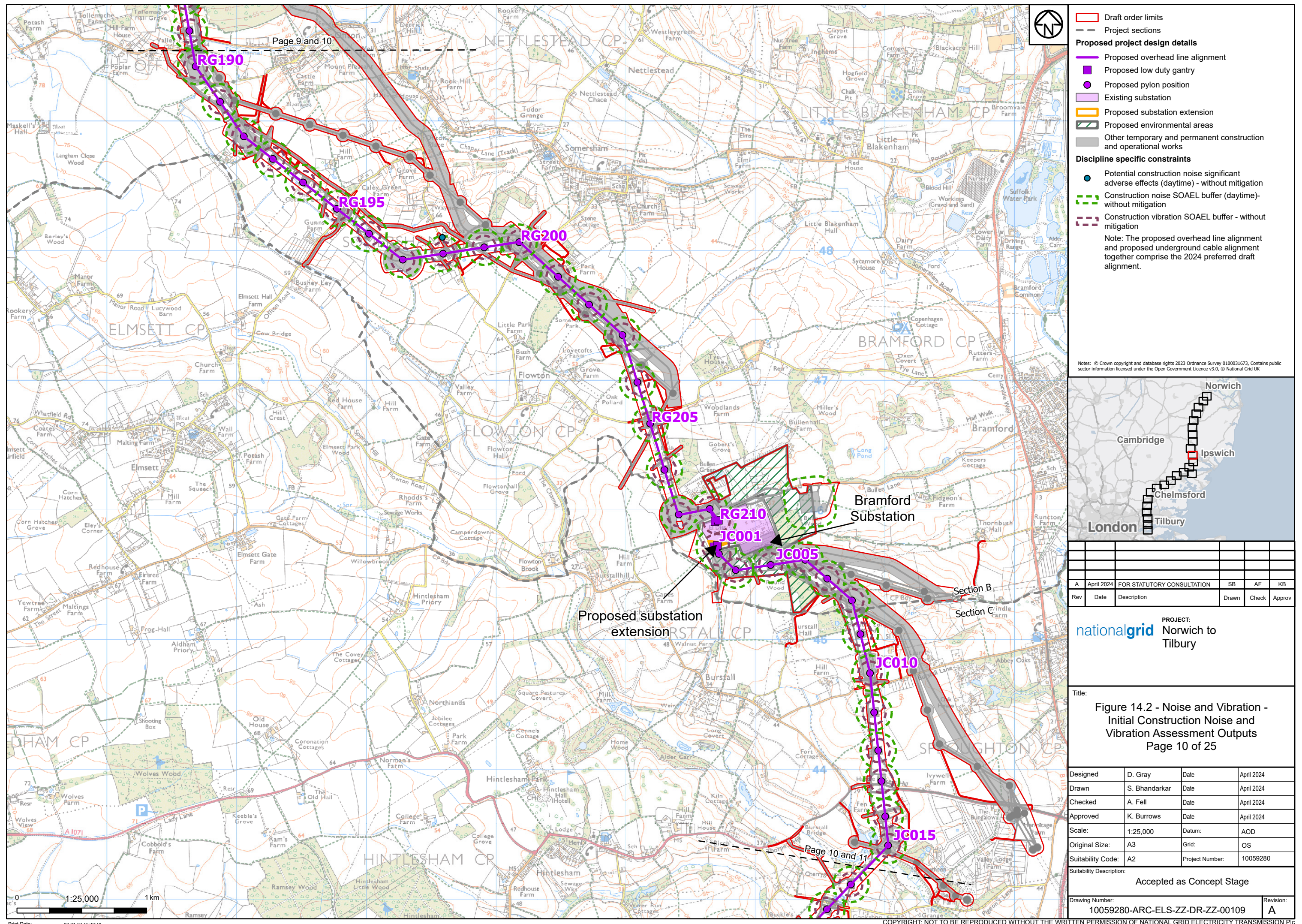
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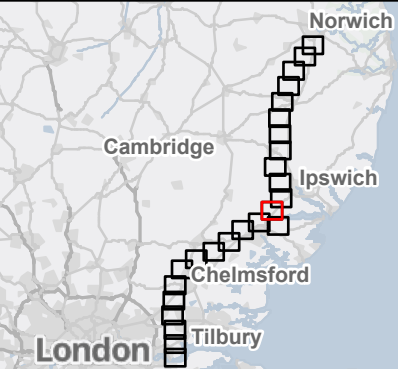
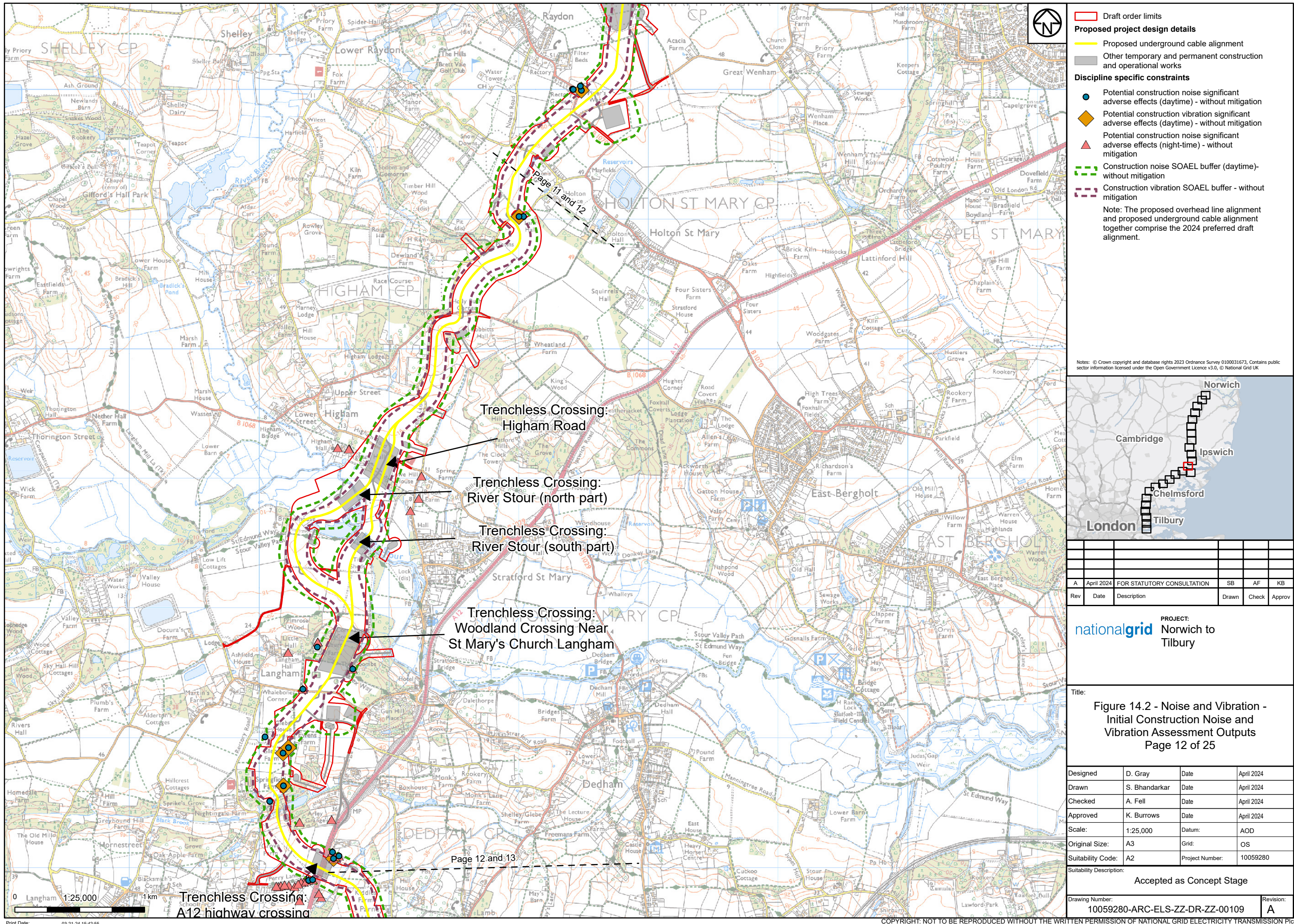
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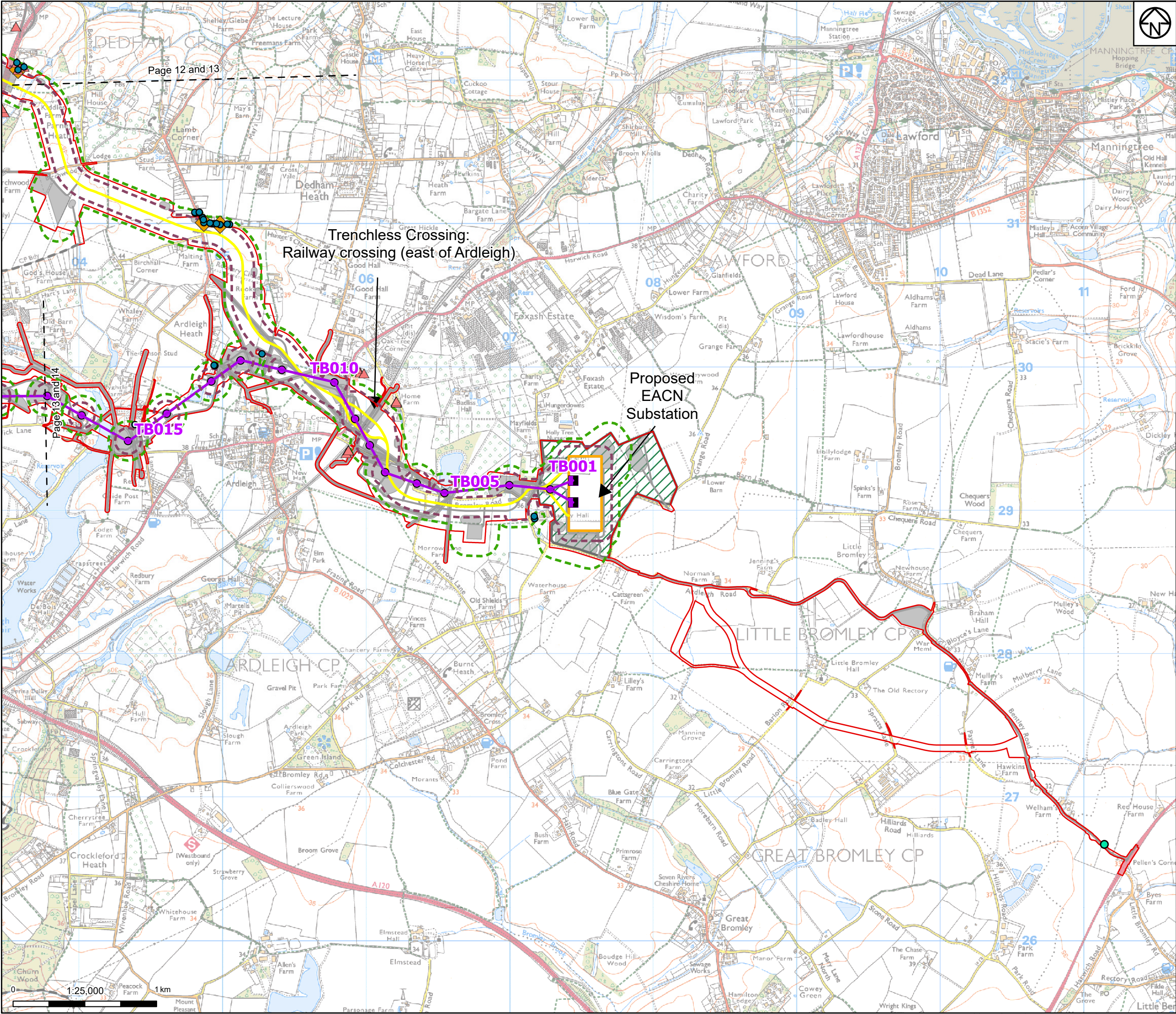
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Revision:
A



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

Proposed EACN substation

Proposed environmental areas

Other temporary and permanent construction and operational works

Discipline specific constraints

Potential construction noise significant adverse effects (daytime) - without mitigation

Potential construction vibration significant adverse effects (daytime) - without mitigation

Potential construction noise significant adverse effects (night-time) - without mitigation

Construction noise SOAEL buffer (daytime)-without mitigation

Construction vibration SOAEL buffer - without mitigation

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

Potential Construction Traffic Noise Significant Adverse Effects

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Page 13 of 25

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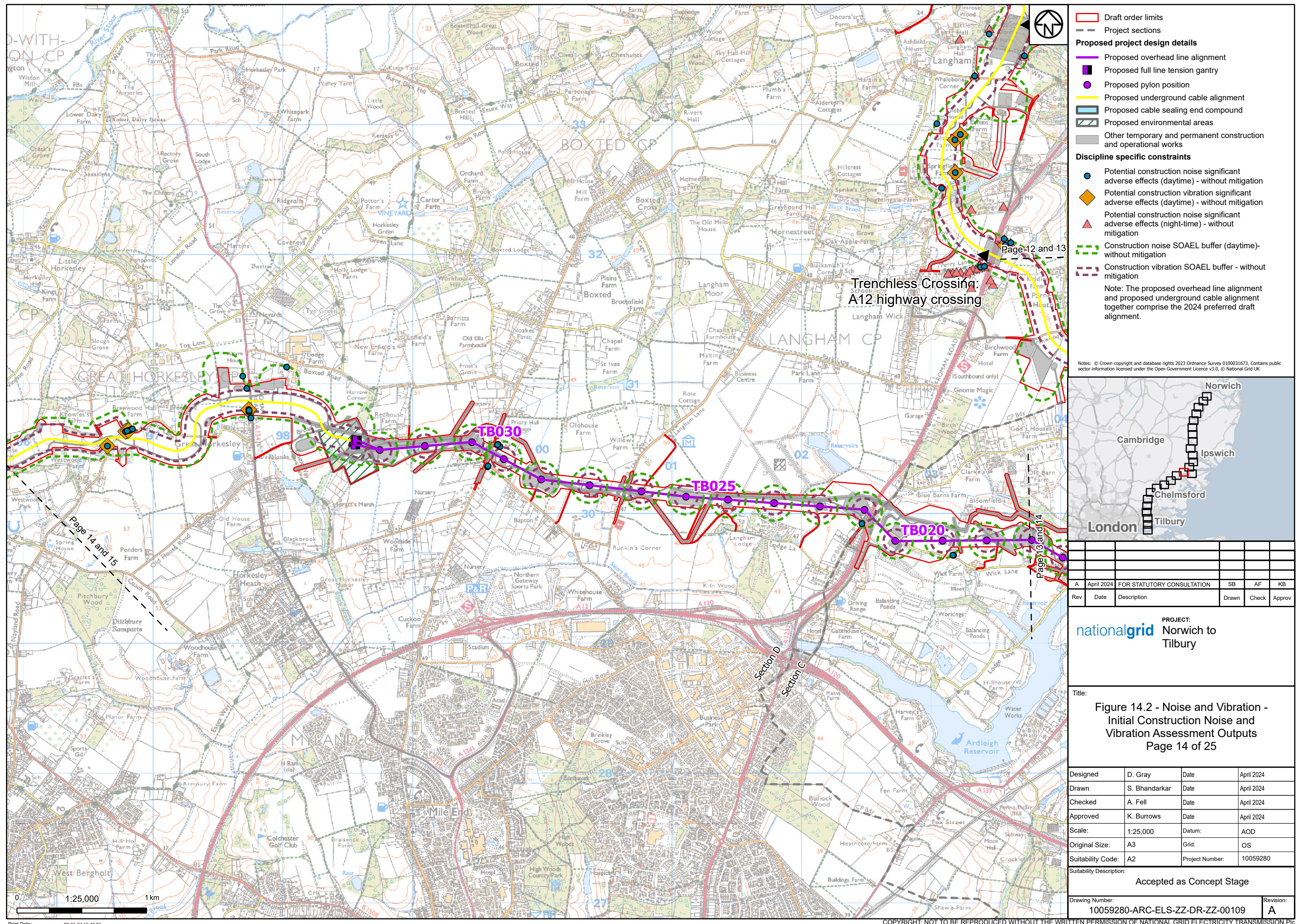
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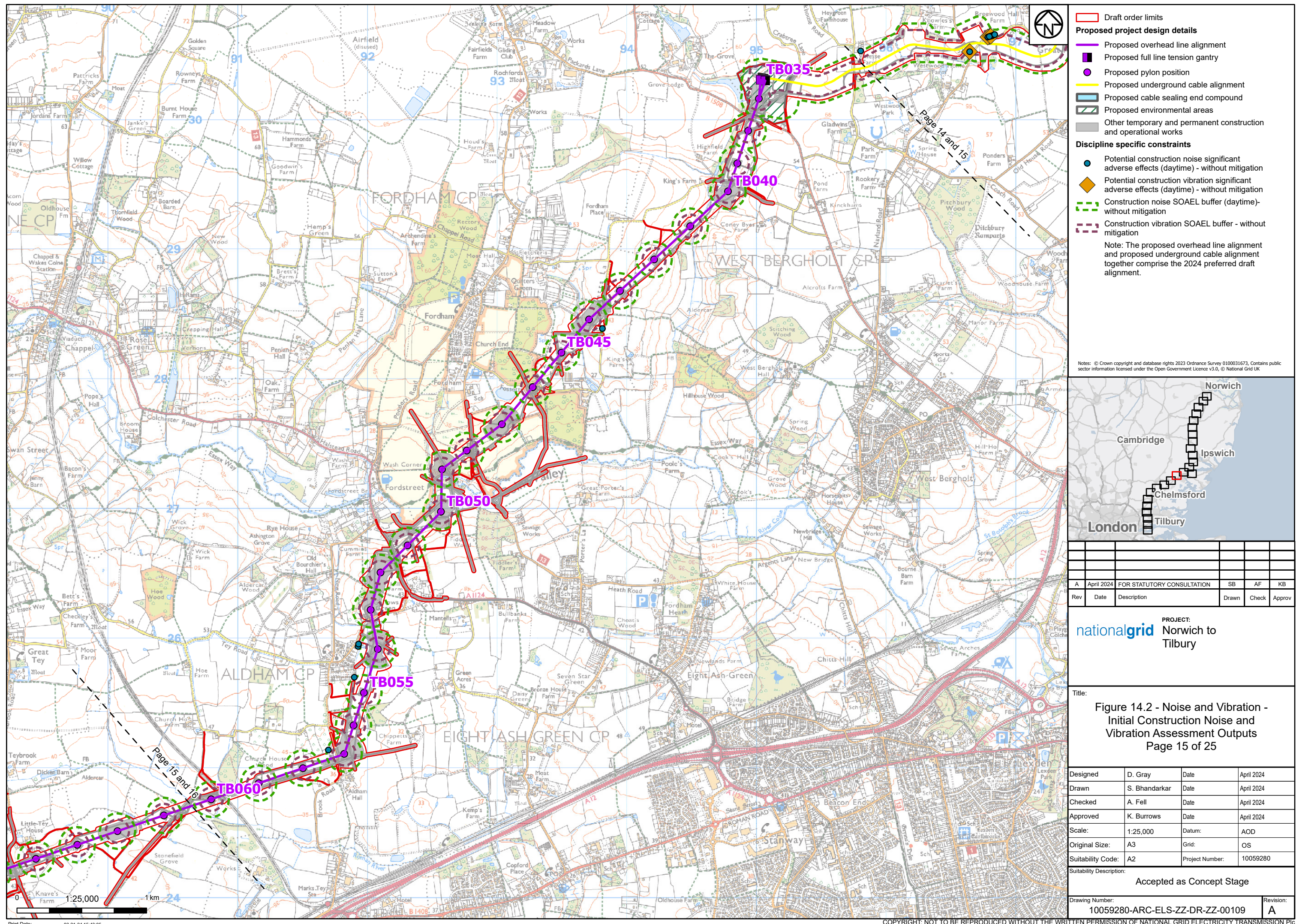
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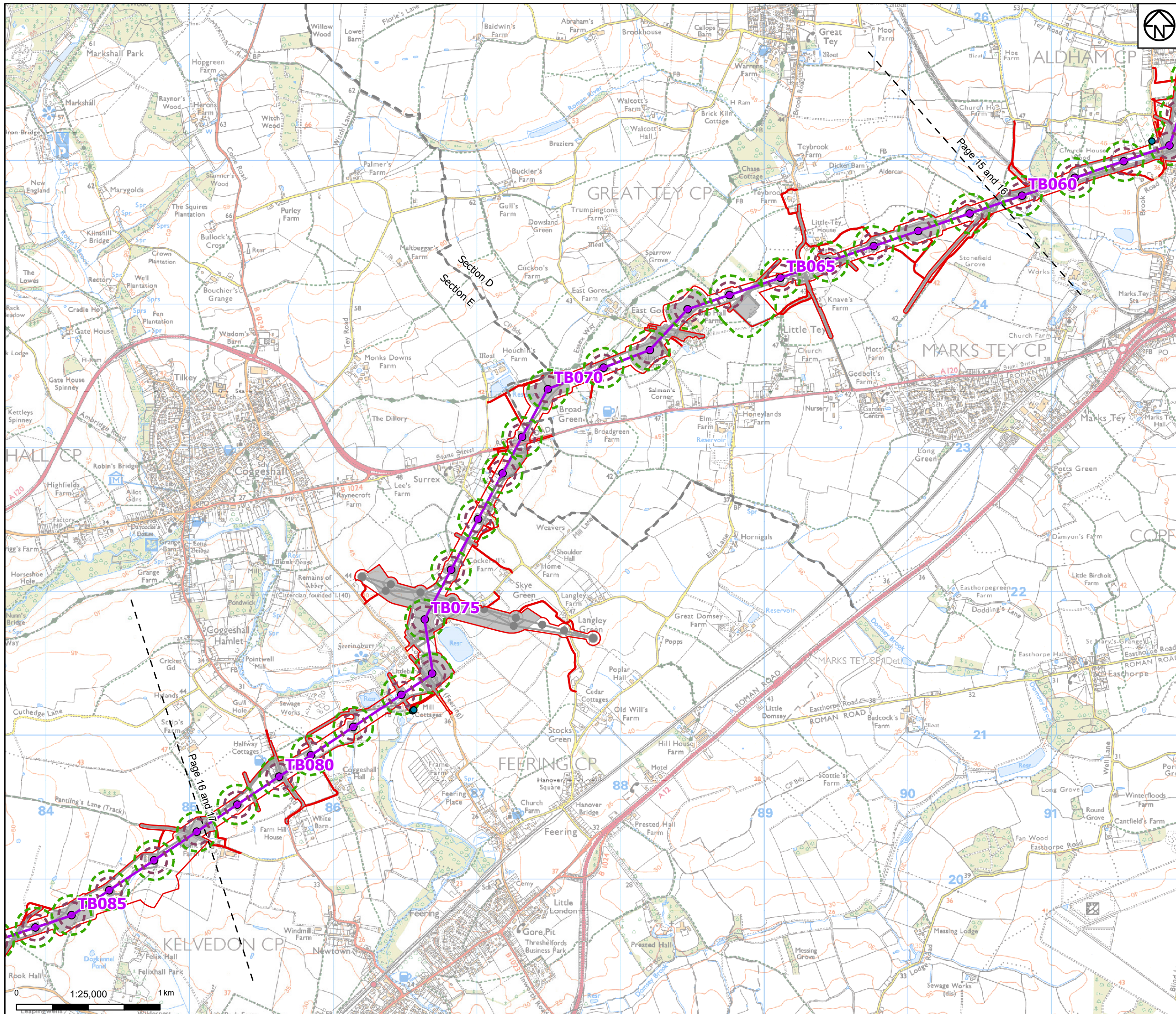
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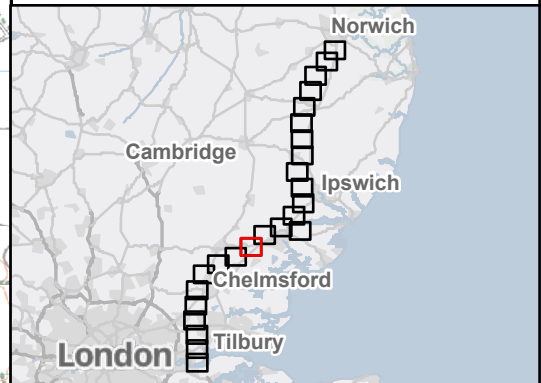






- Draft order limits
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 - Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
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 - Discipline specific constraints**
 - Potential construction noise significant adverse effects (daytime) - without mitigation
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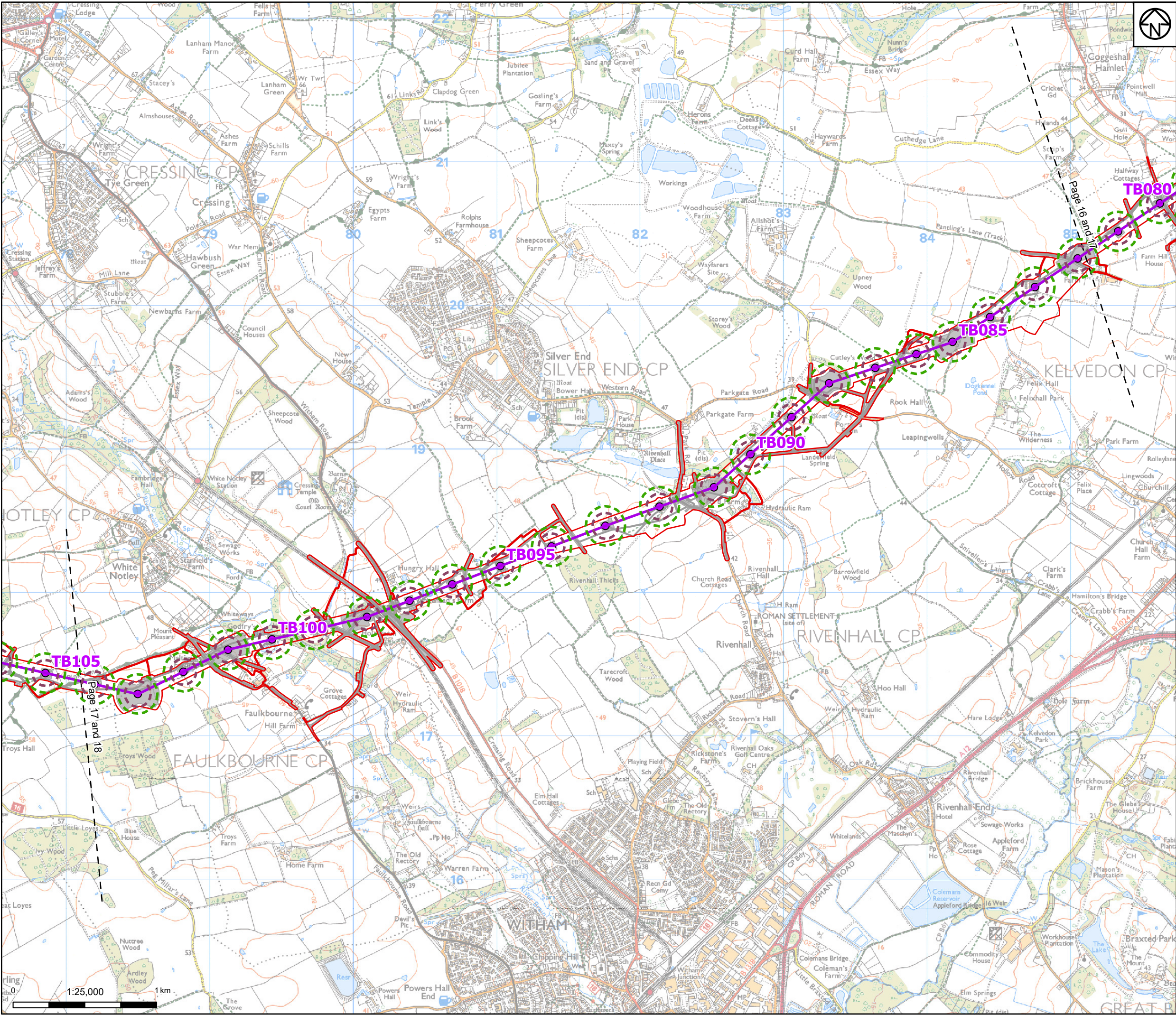
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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
Norwich to
Tilbury

Title:
Figure 14.2 - Noise and Vibration -
Initial Construction Noise and
Vibration Assessment Outputs
Page 16 of 25

Designed	D. Gray	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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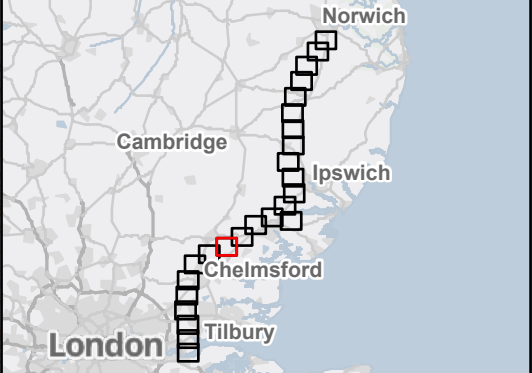
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Drawing Number:	10059280-ARC-ELS-ZZ-DR-ZZ-00109		Revision:
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- Draft order limits
- Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation

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

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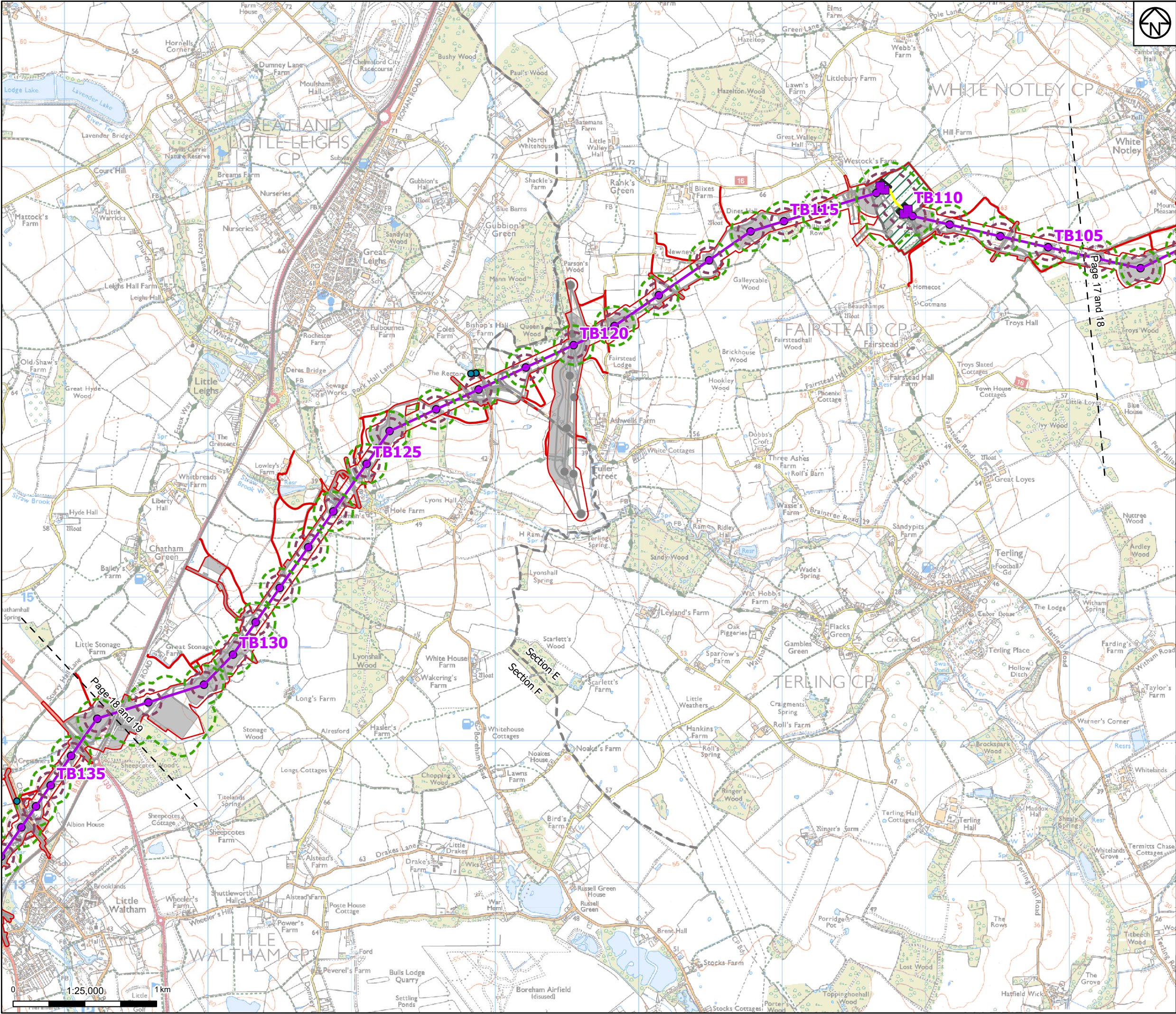
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Figure 14.2 - Noise and Vibration -
Initial Construction Noise and
Vibration Assessment Outputs
Page 17 of 25

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Suitability Description:			

Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR-ZZ-00109

Revision:
A



- Legend**
- 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
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - Potential construction noise significant adverse effects (daytime) - without mitigation
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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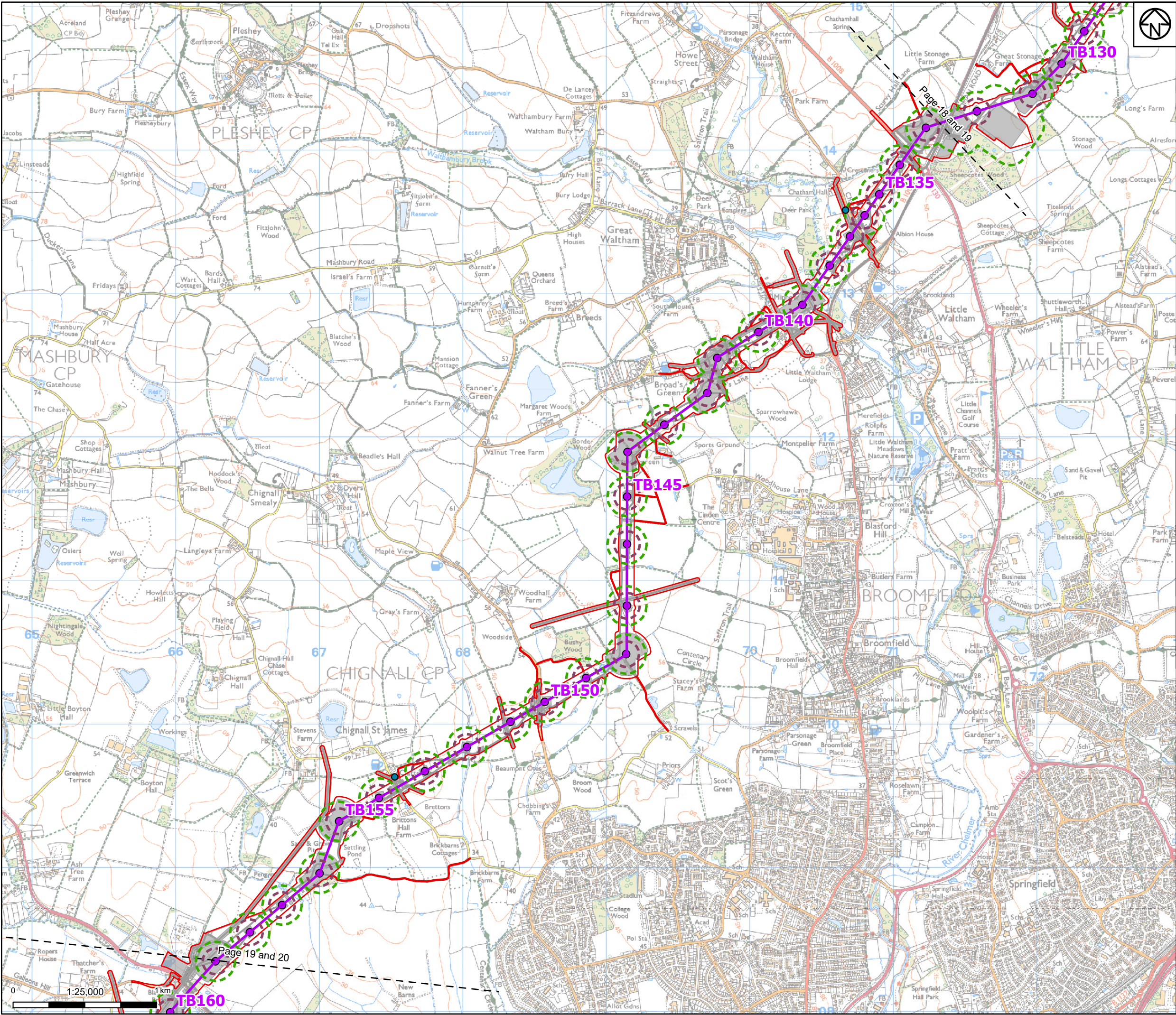
PROJECT:
Norwich to Tilbury

nationalgrid

Title:
Figure 14.2 - Noise and Vibration - Initial Construction Noise and Vibration Assessment Outputs
Page 18 of 25

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Checked	A. Fell	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage			
Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00109			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**
- Potential construction noise significant adverse effects (daytime) - without mitigation
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation

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

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Tilbury

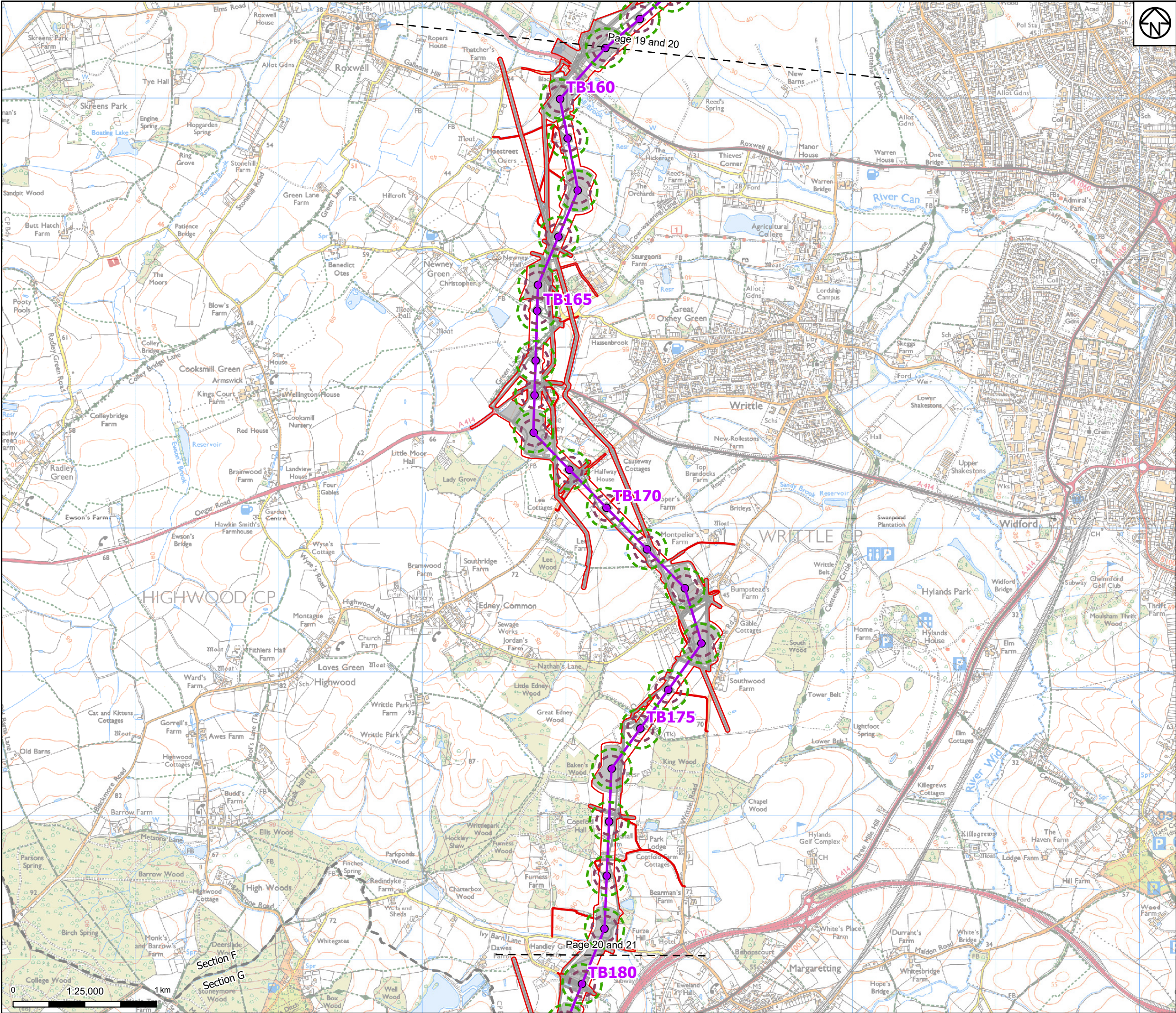
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Initial Construction Noise and
Vibration Assessment Outputs
Page 19 of 25

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Approved	K. Burrows	Date	April 2024
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Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR-ZZ-00109

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

Construction noise SOAEL buffer (daytime)-without mitigation

Construction vibration SOAEL buffer - without mitigation

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 14.2 - Noise and Vibration -
Initial Construction Noise and
Vibration Assessment Outputs
Page 20 of 25

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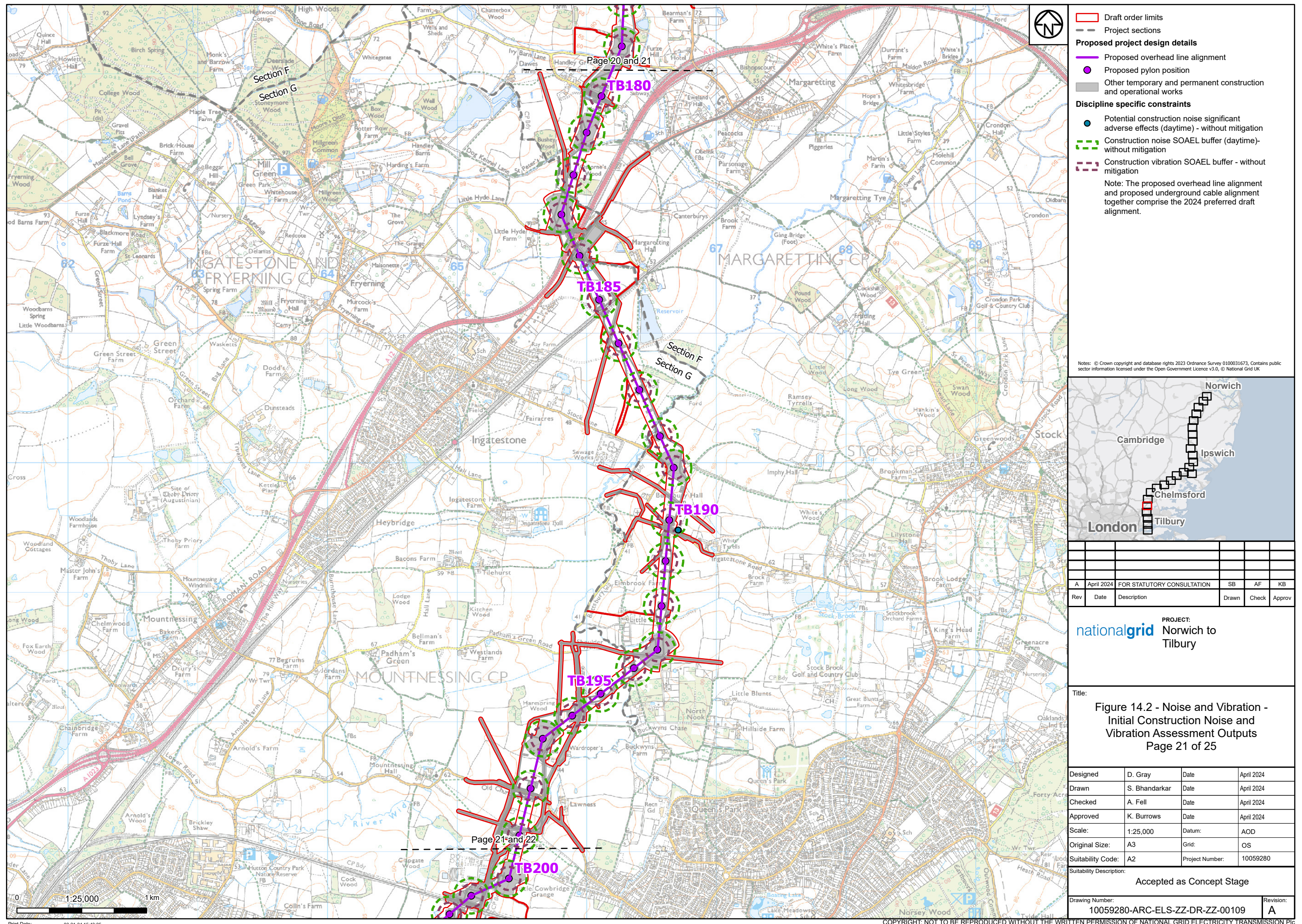
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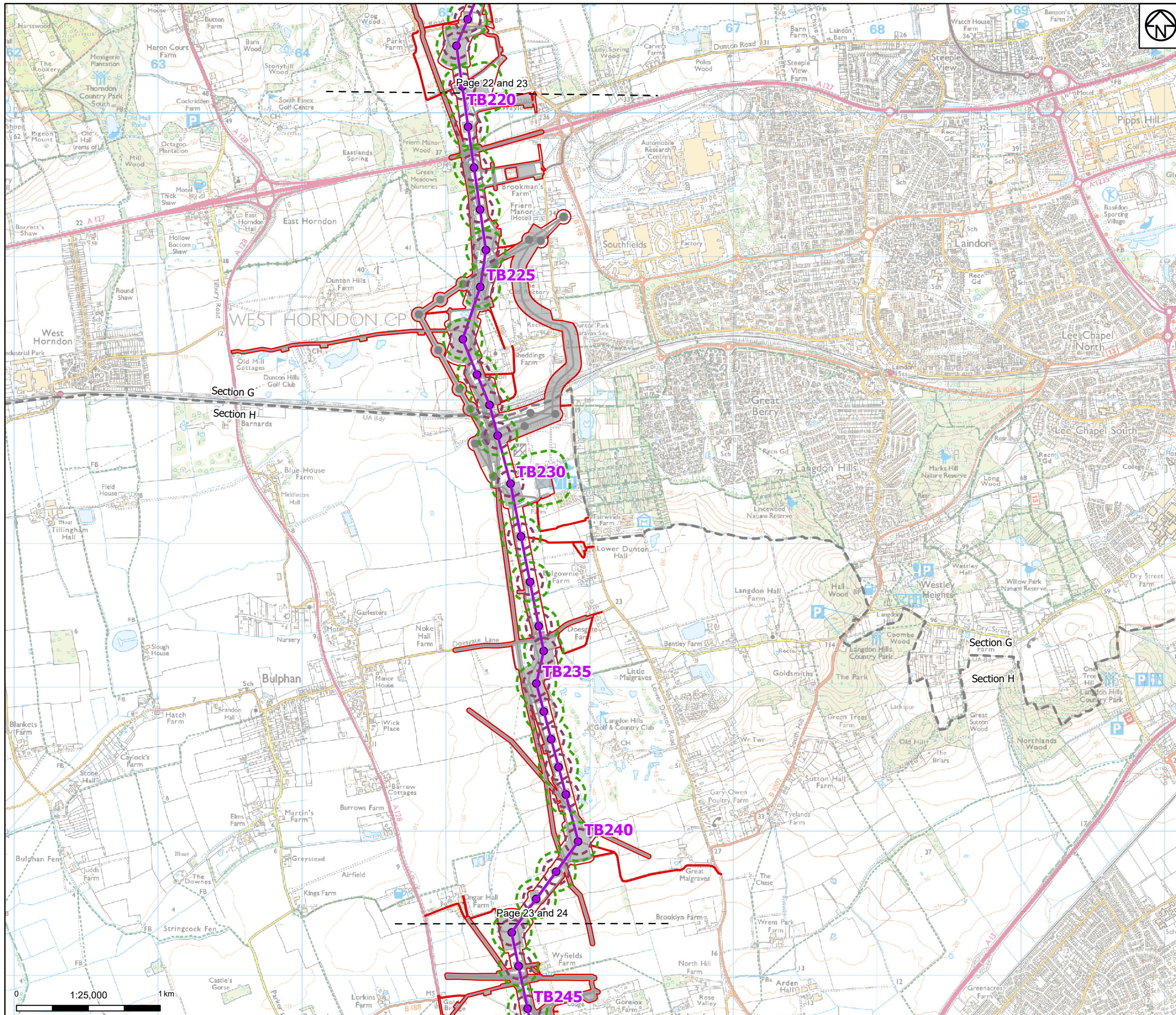
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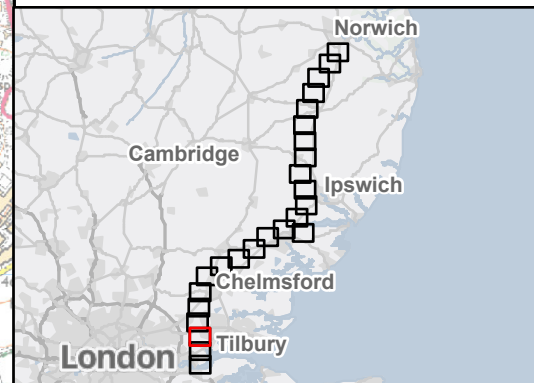




- Draft order limits
- Project sections
- Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - Construction noise SOAEL buffer (daytime)-without mitigation
 - Construction vibration SOAEL buffer - without mitigation

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

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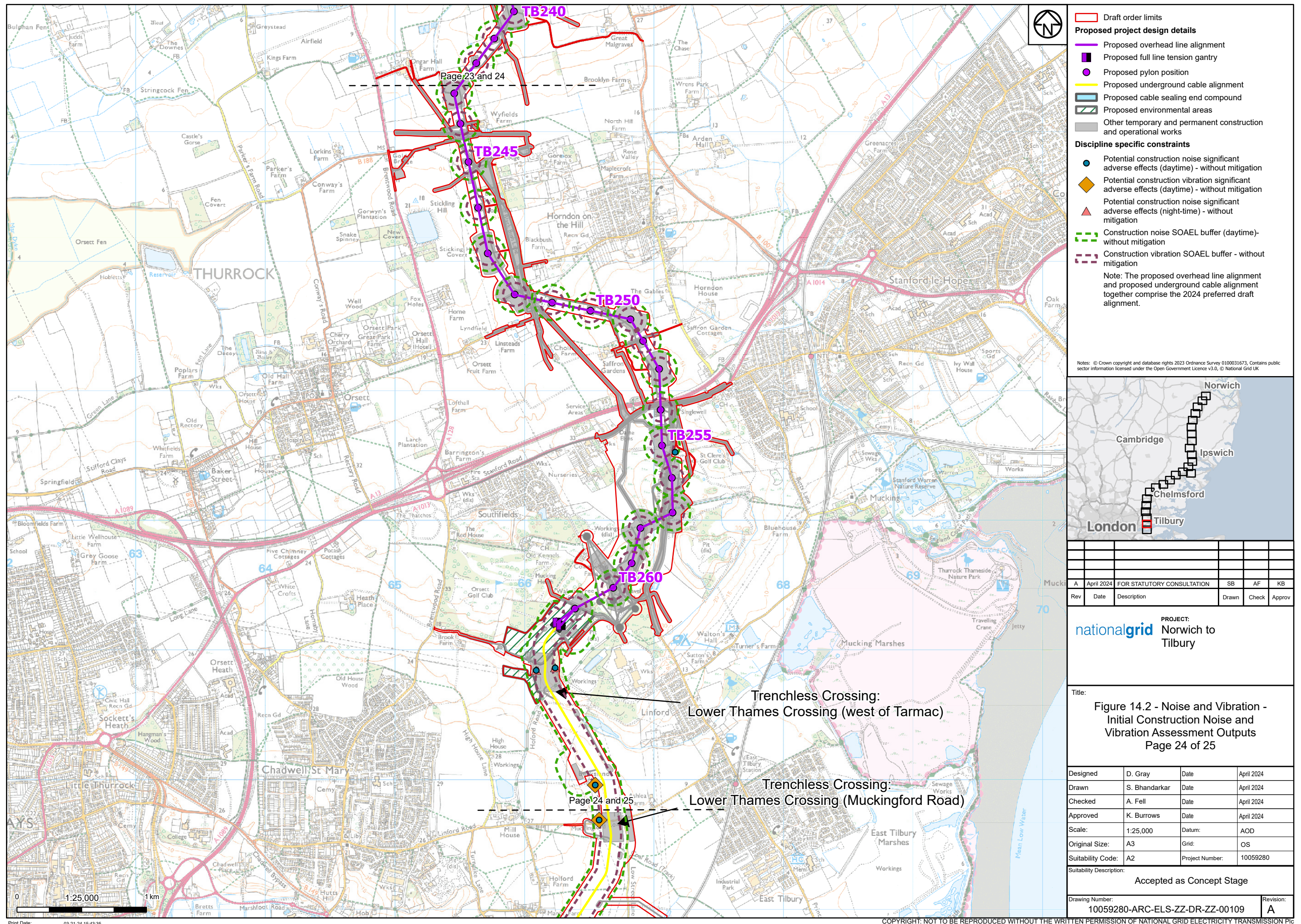
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Initial Construction Noise and
Vibration Assessment Outputs
Page 23 of 25

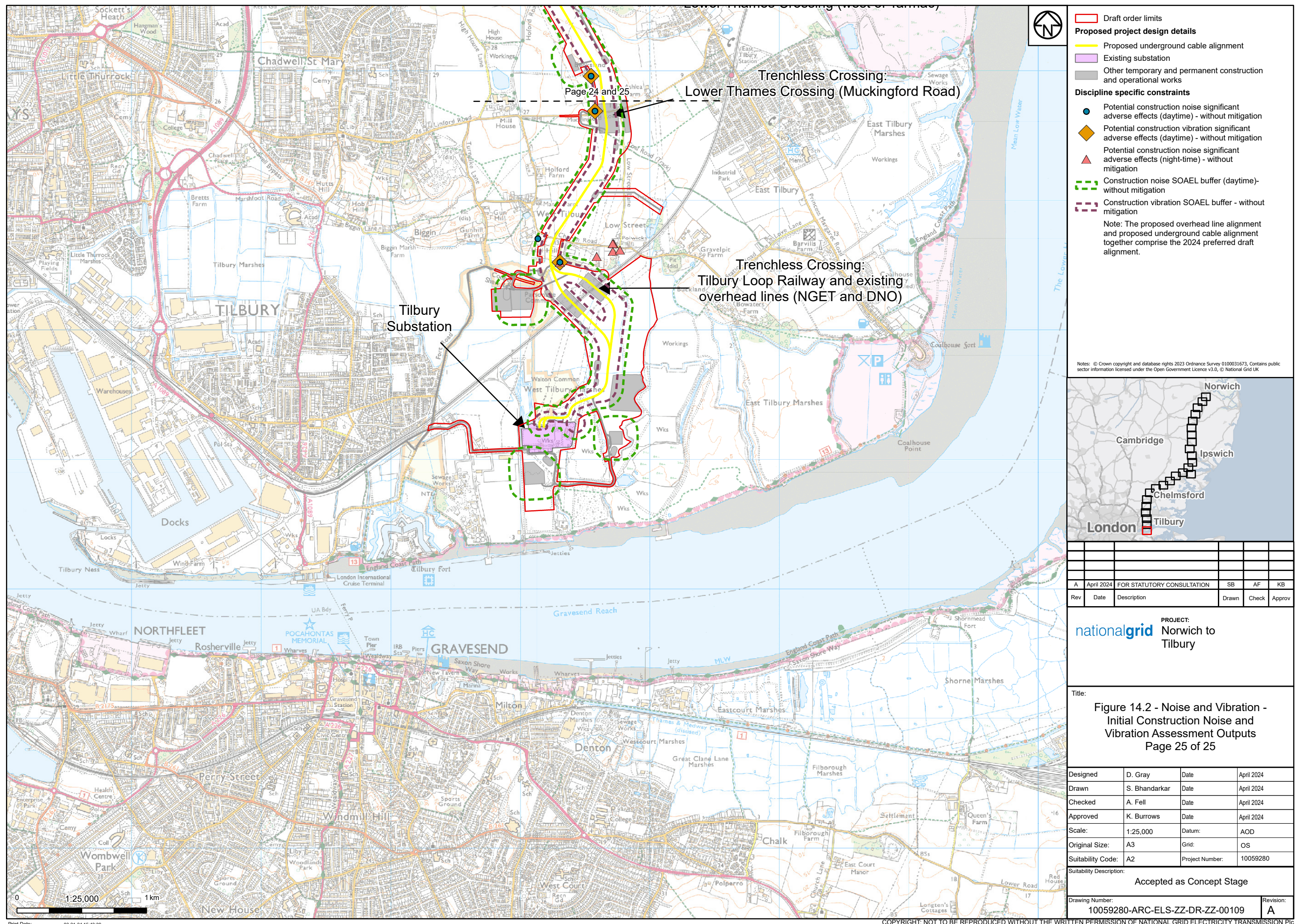
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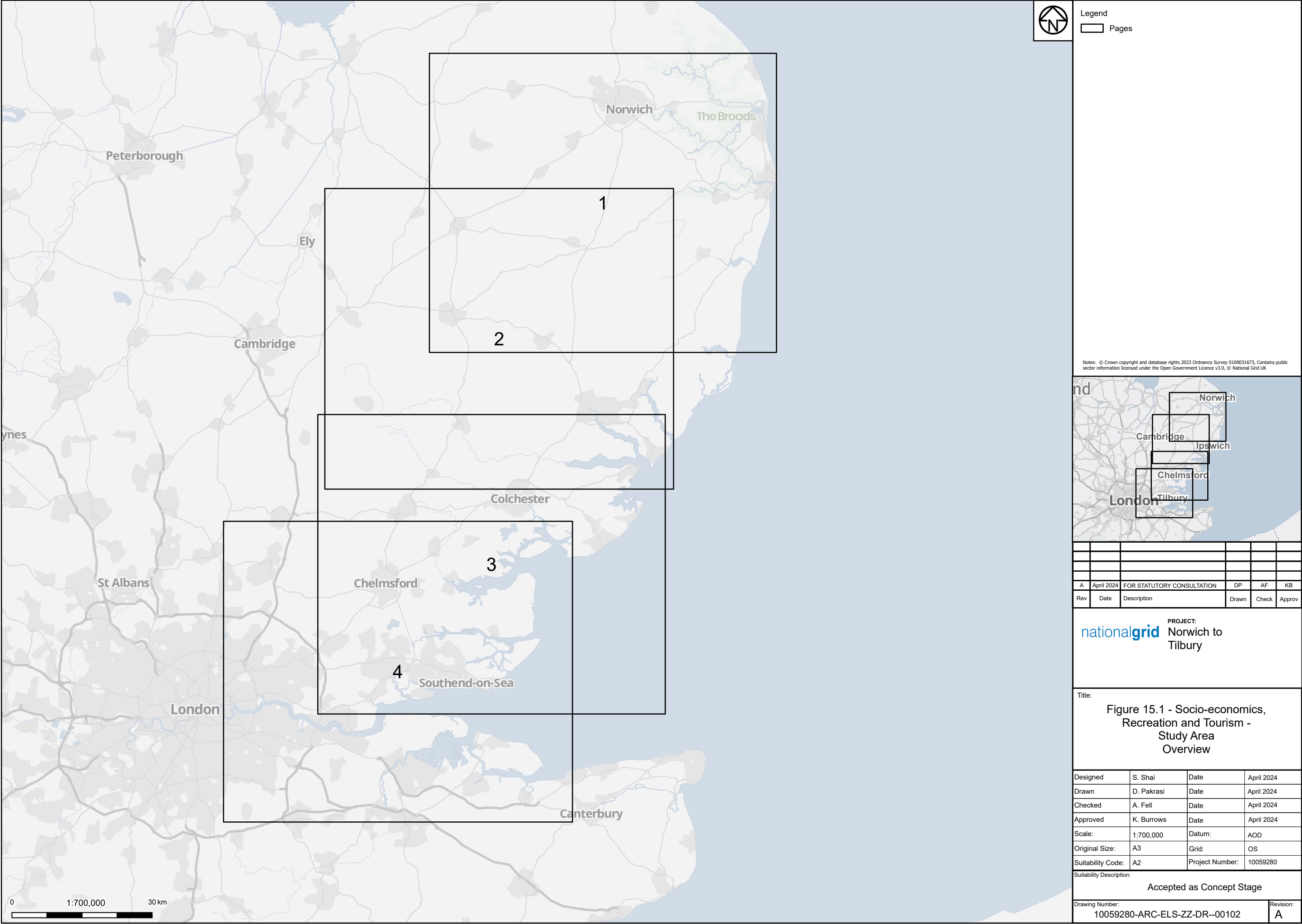
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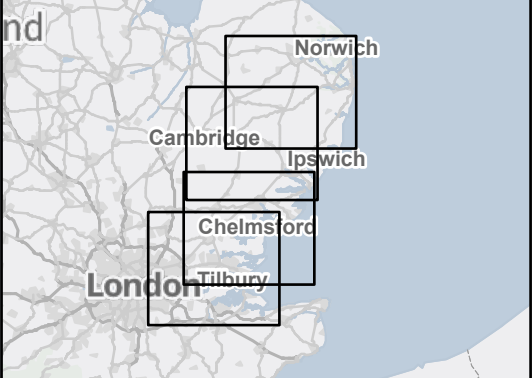






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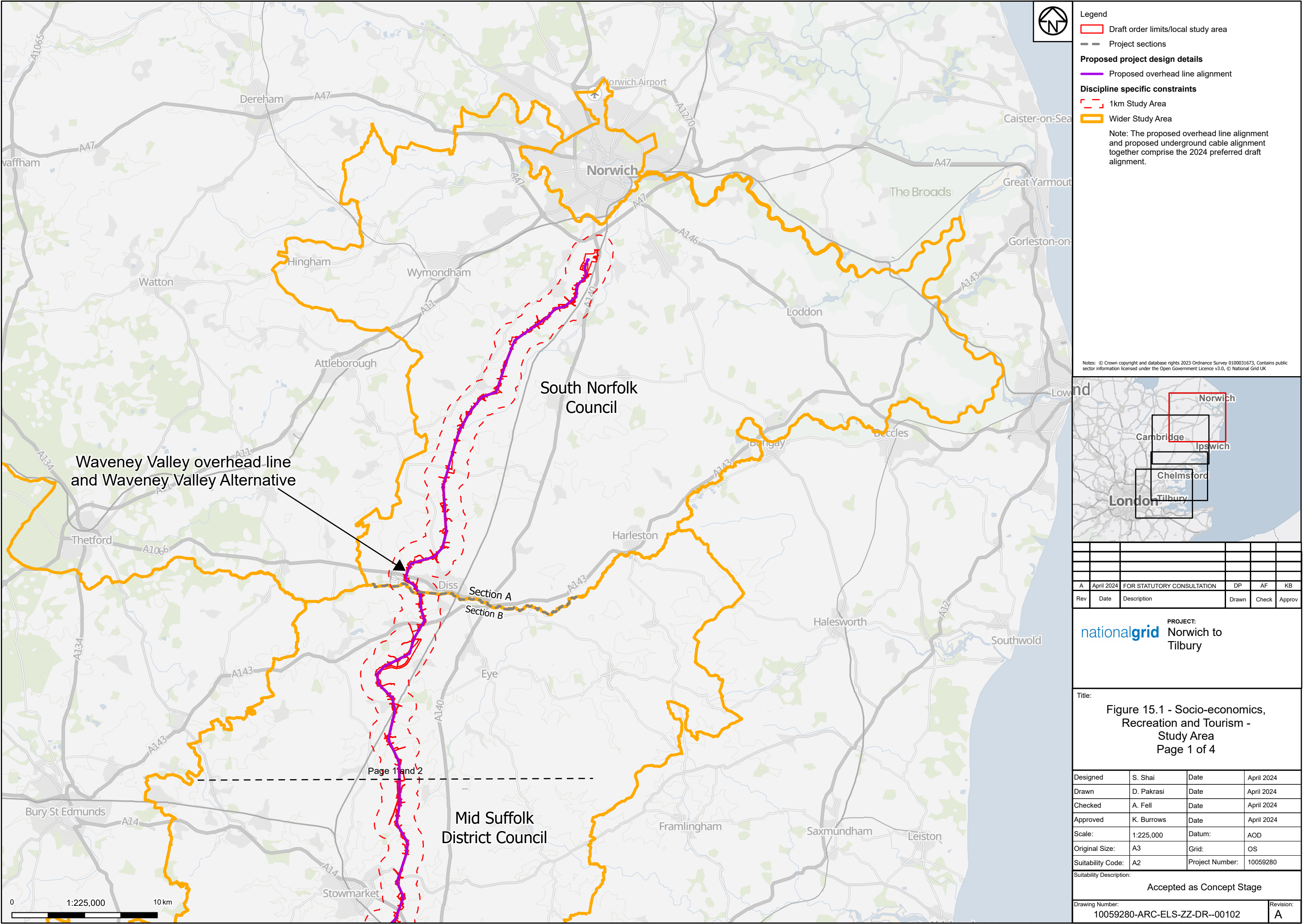
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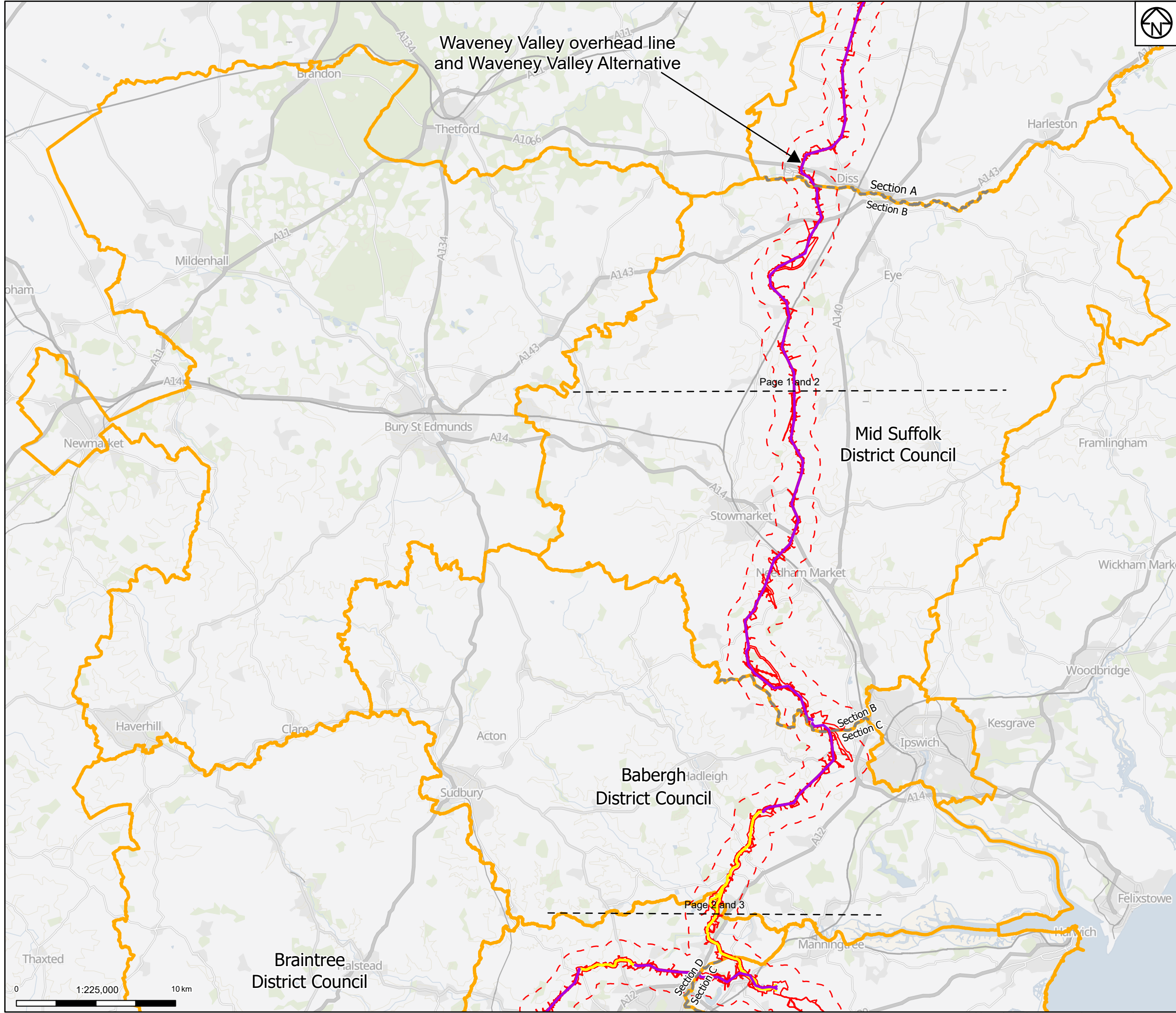
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Figure 15.1 - Socio-economics,
Recreation and Tourism -
Study Area
Overview

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Drawn	D. Pakrasi	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:700,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR--00102	A





Legend

Draft order limits/local study area

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed underground cable alignment

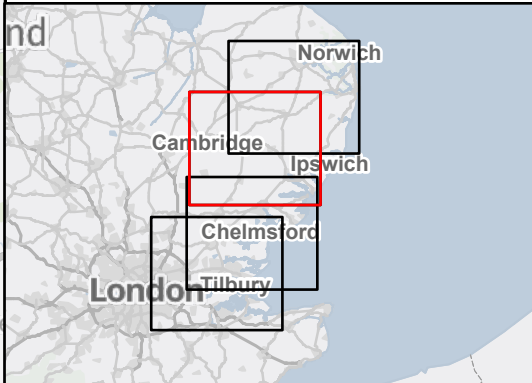
Discipline specific constraints

1km Study Area

Wider Study Area

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

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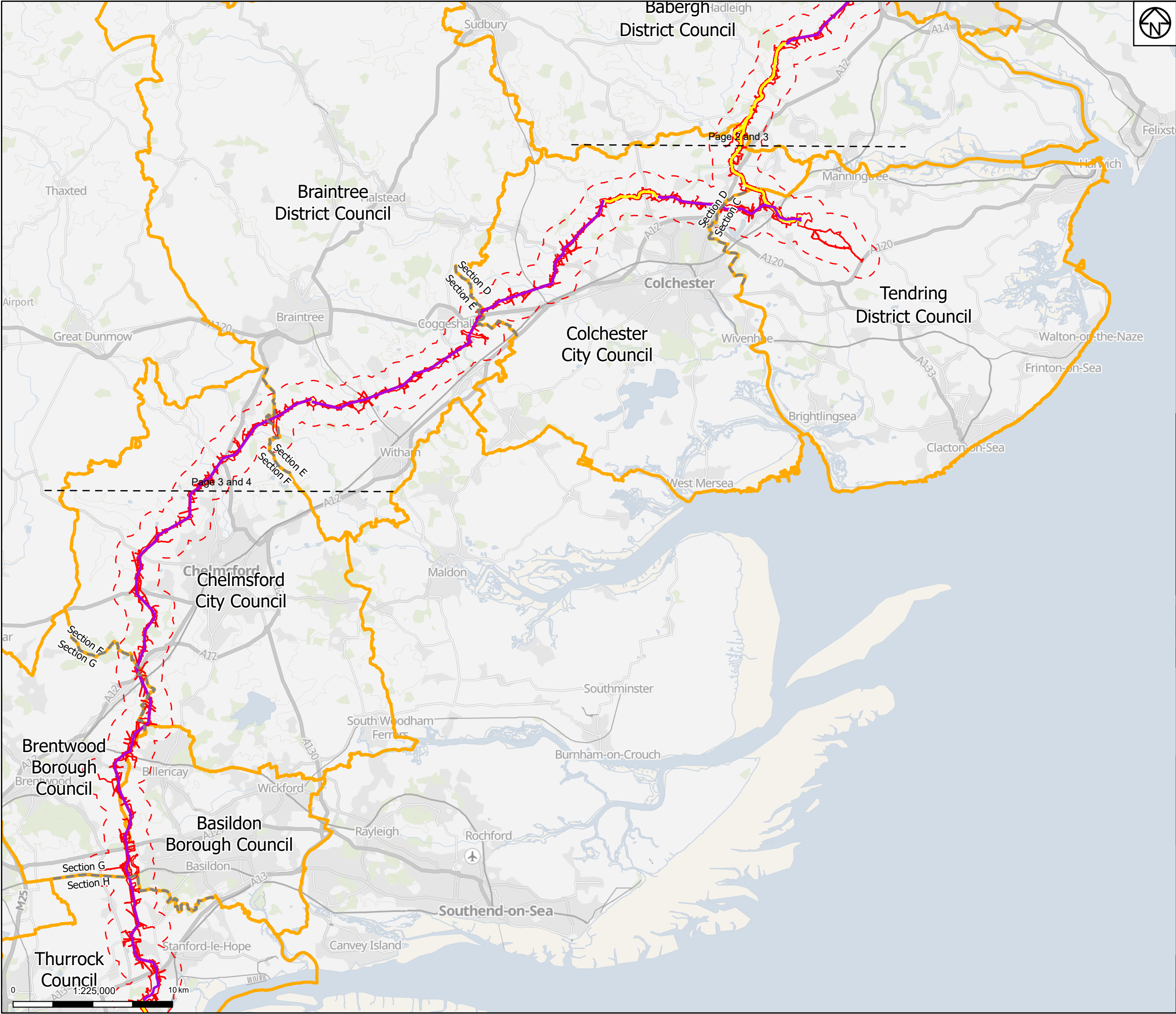
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Recreation and Tourism -
Study Area
Page 2 of 4

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Checked	A. Fell	Date	April 2024
Approved	K. Burrows	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--00102

Revision:
A



Legend

Draft order limits/local study area

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed underground cable alignment

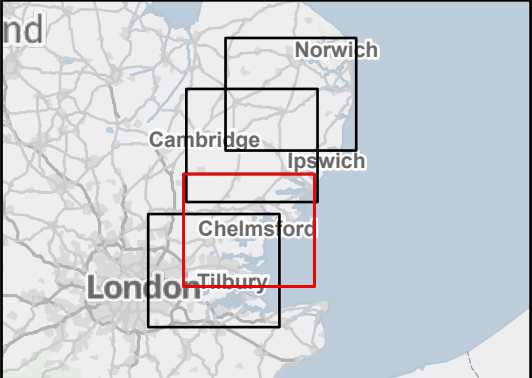
Discipline specific constraints

1km Study Area

Wider Study Area

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

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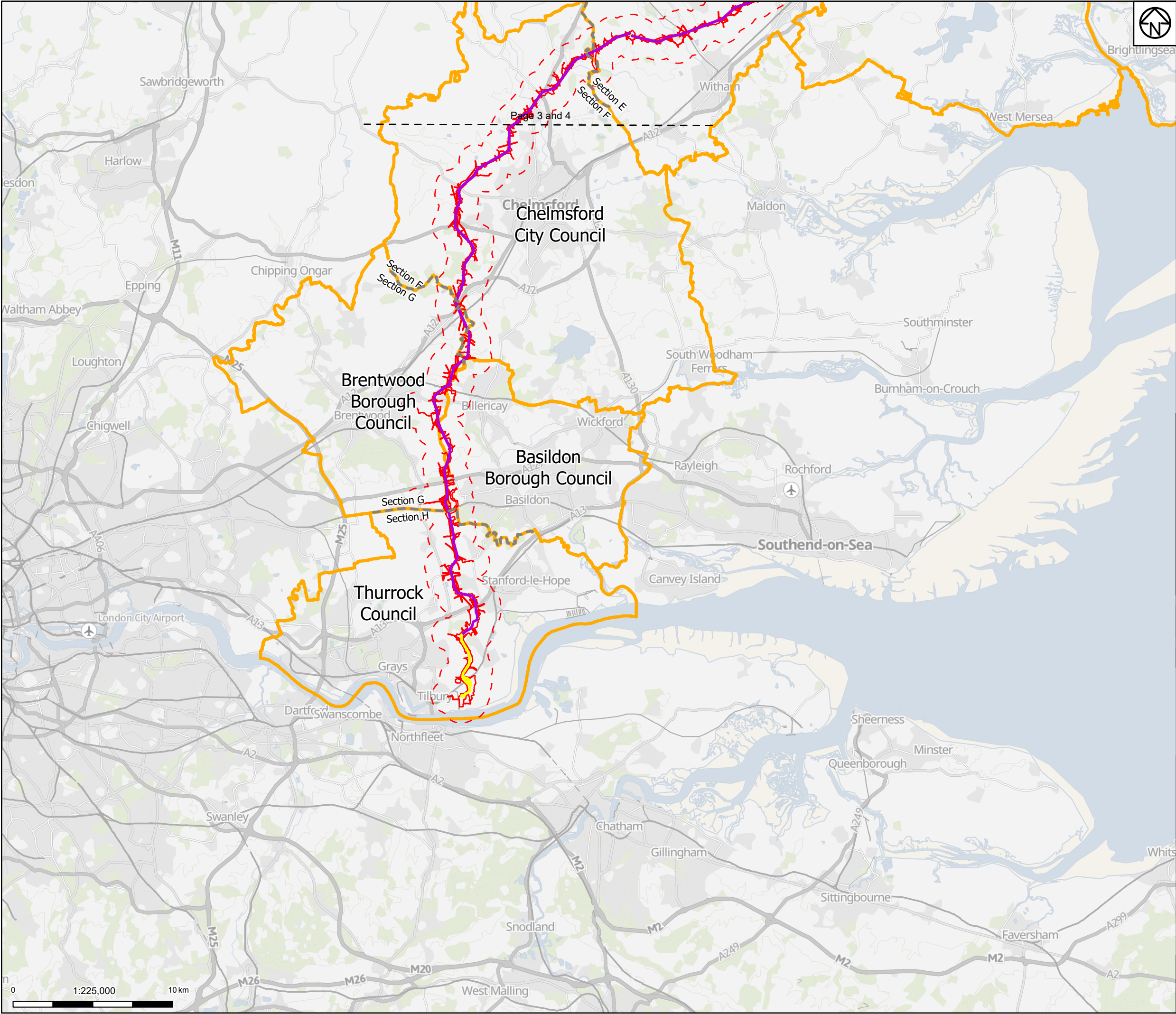
Norwich to Tilbury

Title:

Figure 15.1 - Socio-economics, Recreation and Tourism - Study Area

Page 3 of 4

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Drawn	D. Pakrasi	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
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Drawing Number:			Revision:
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Legend

Draft order limits/local study area

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed underground cable alignment

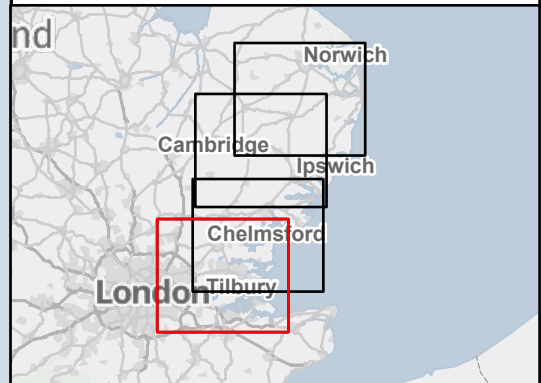
Discipline specific constraints

1km Study Area

Wider Study Area

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

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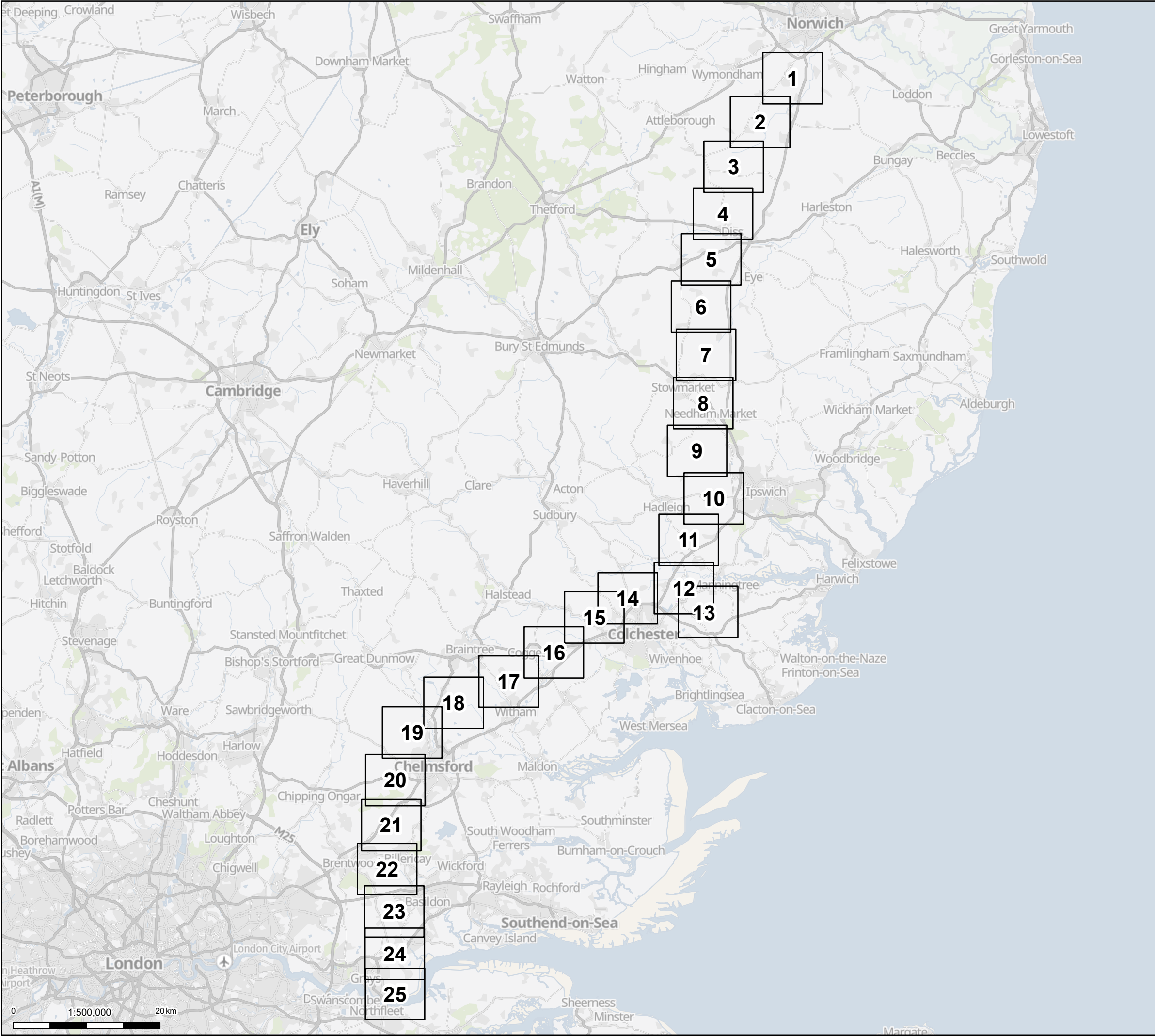
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nationalgrid Norwich to
Tilbury

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Figure 15.1 - Socio-economics,
Recreation and Tourism -
Study Area
Page 4 of 4

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10059280-ARC-ELS-ZZ-DR--00102
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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 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets Overview

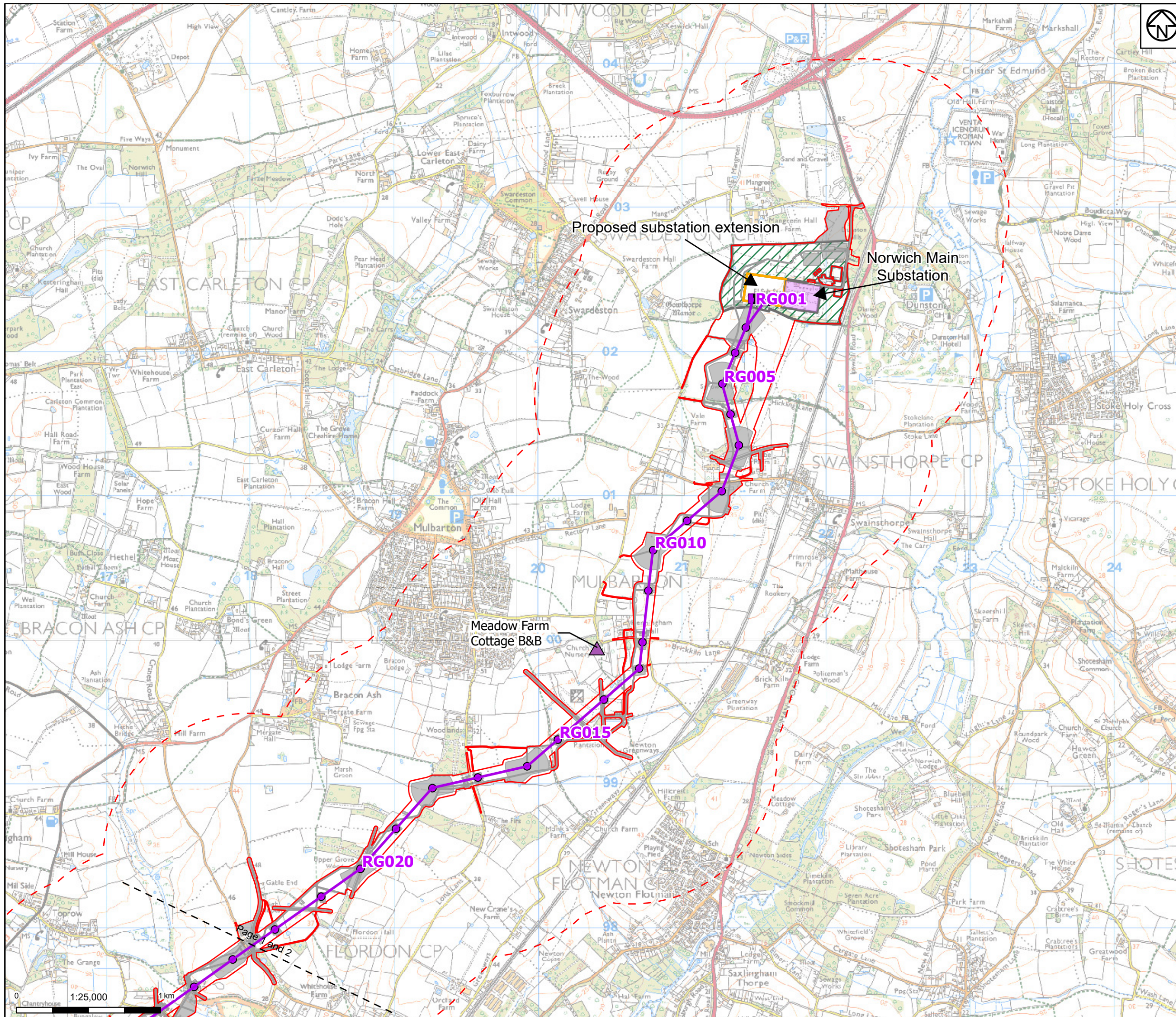
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:
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Revision:
B



Legend

Draft order limits/local study area

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

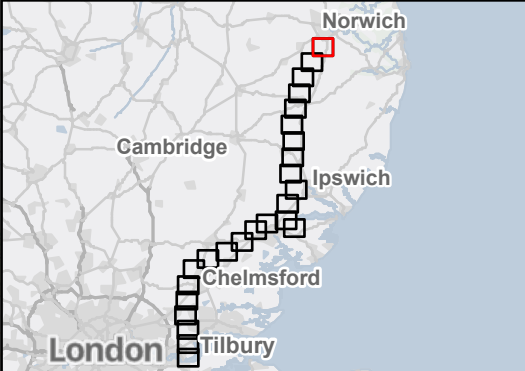
Discipline specific constraints

1km Study Area

Campsites, B&Bs, holiday homes

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

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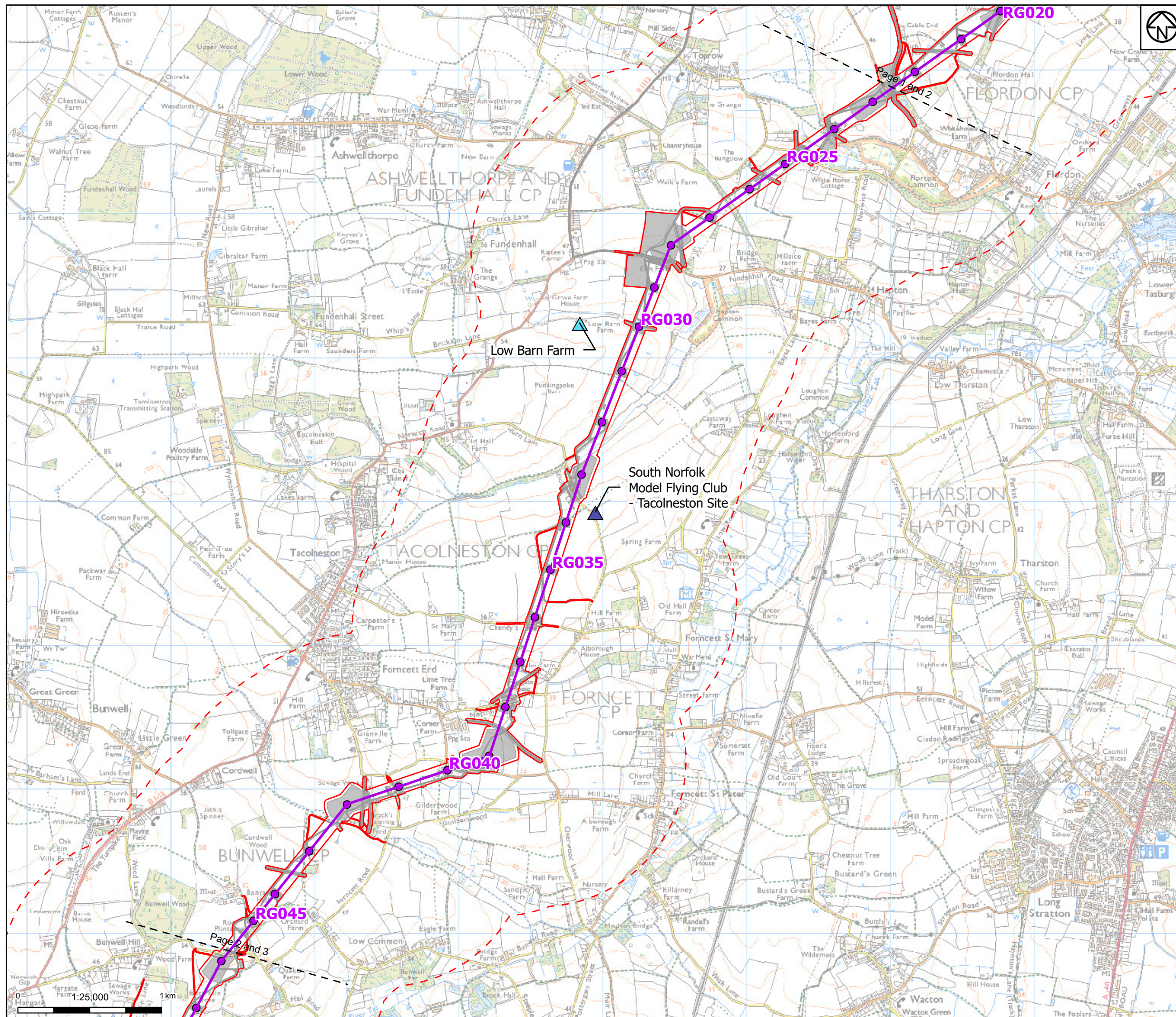
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Page 1 of 25

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Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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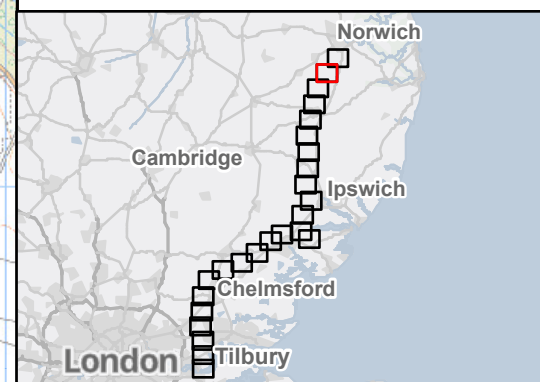


Legend

- Draft order limits/local study area
- Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 1km Study Area
 - Public houses, restaurants, wedding venues
 - Airfields

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

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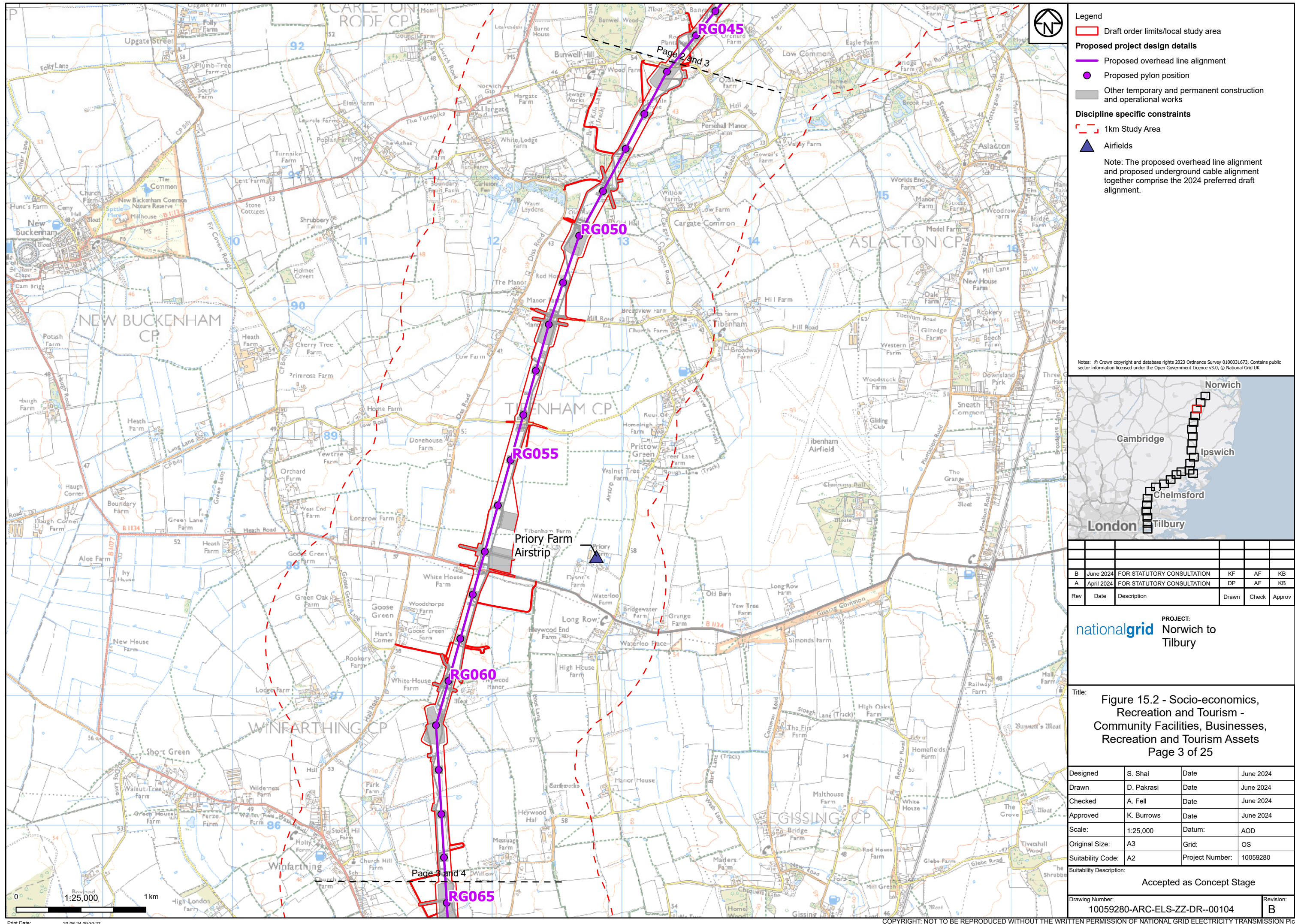
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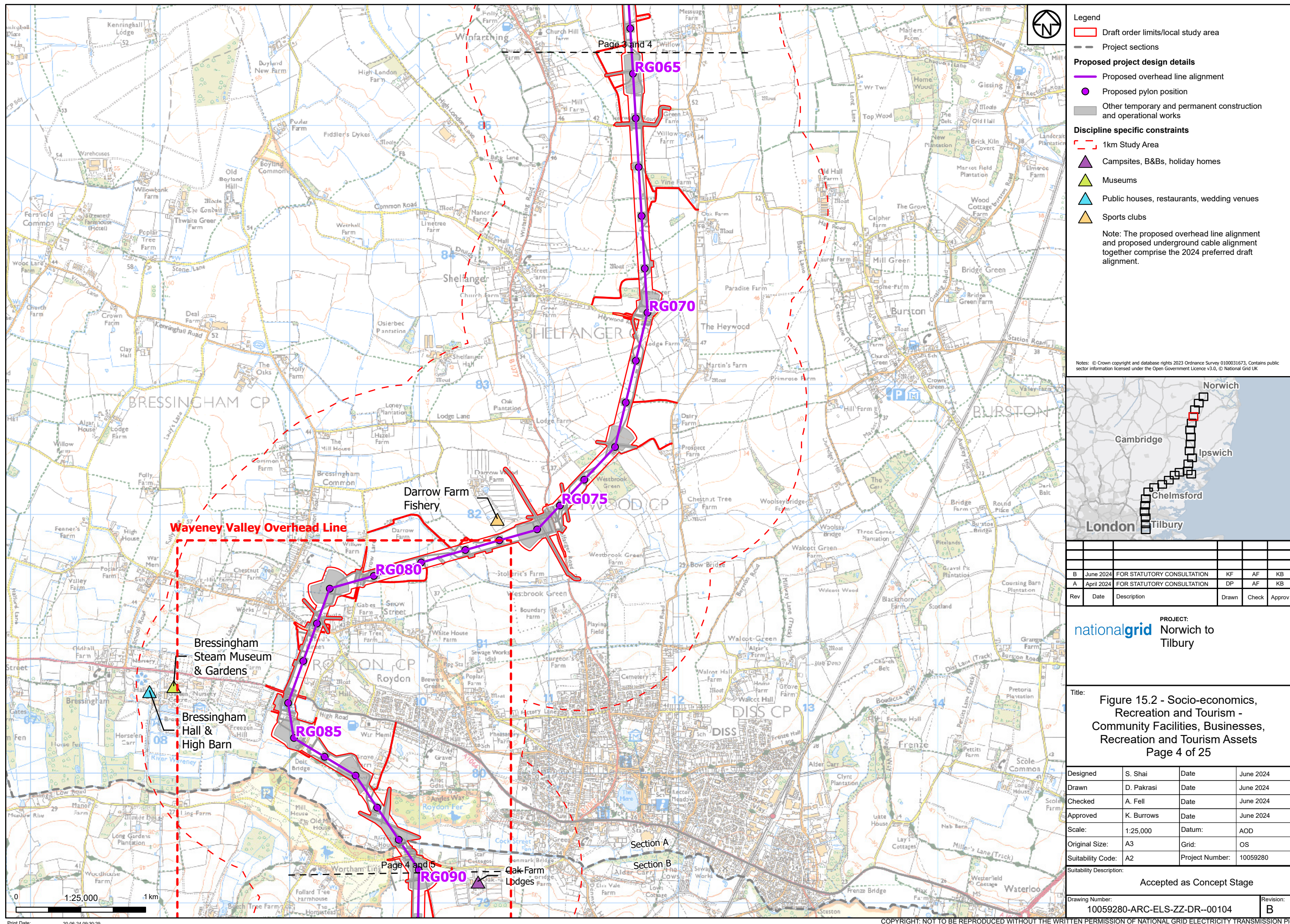
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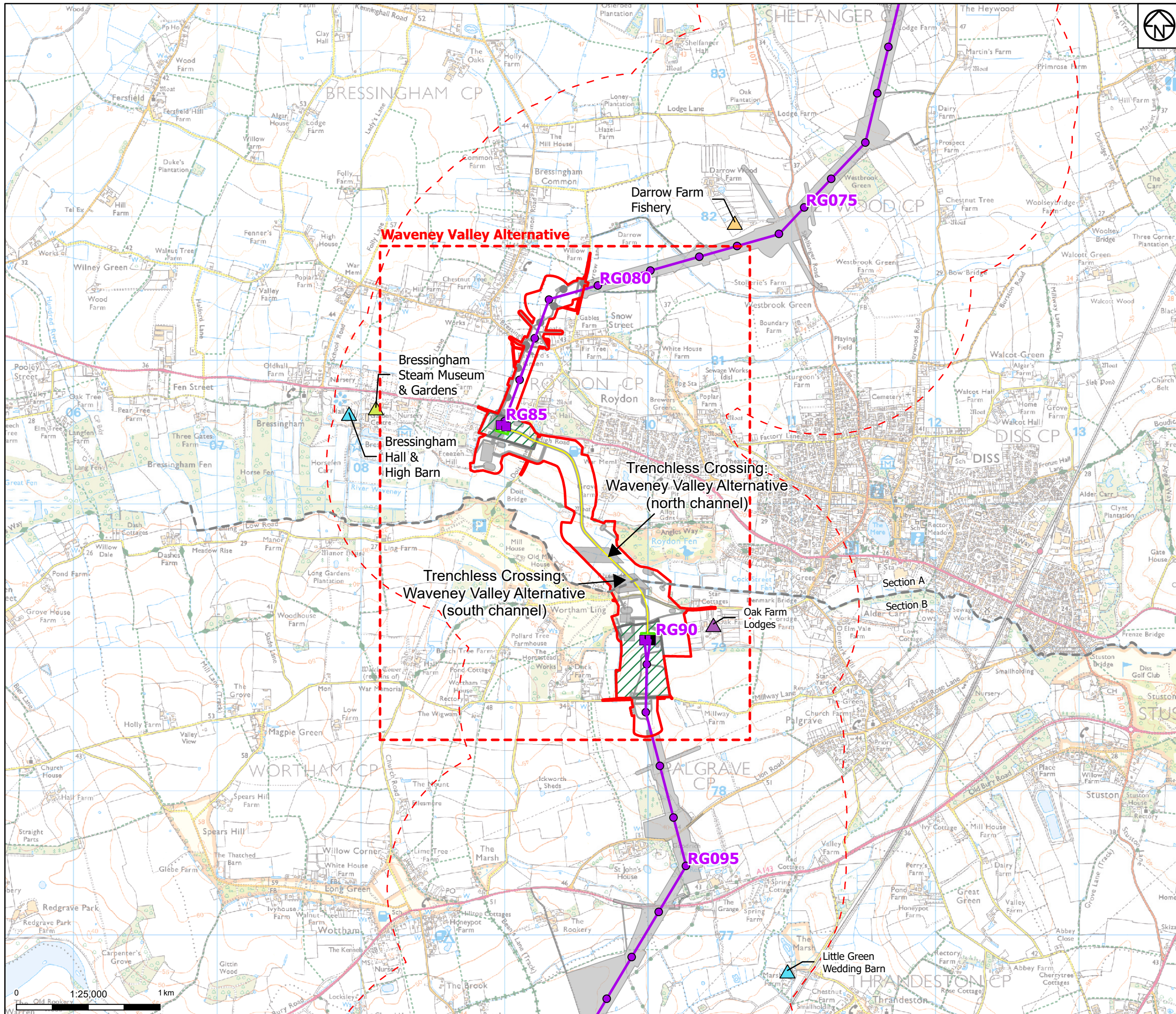
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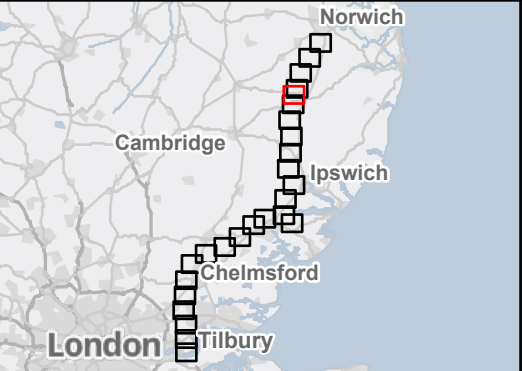


Legend

- Draft order limits/local study area
- 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
 - Proposed cable sealing end compound
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
 - 1km Study Area
 - Campsites, B&Bs, holiday homes
 - Museums
 - Public houses, restaurants, wedding venues
 - Sports clubs
 - Airfields

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

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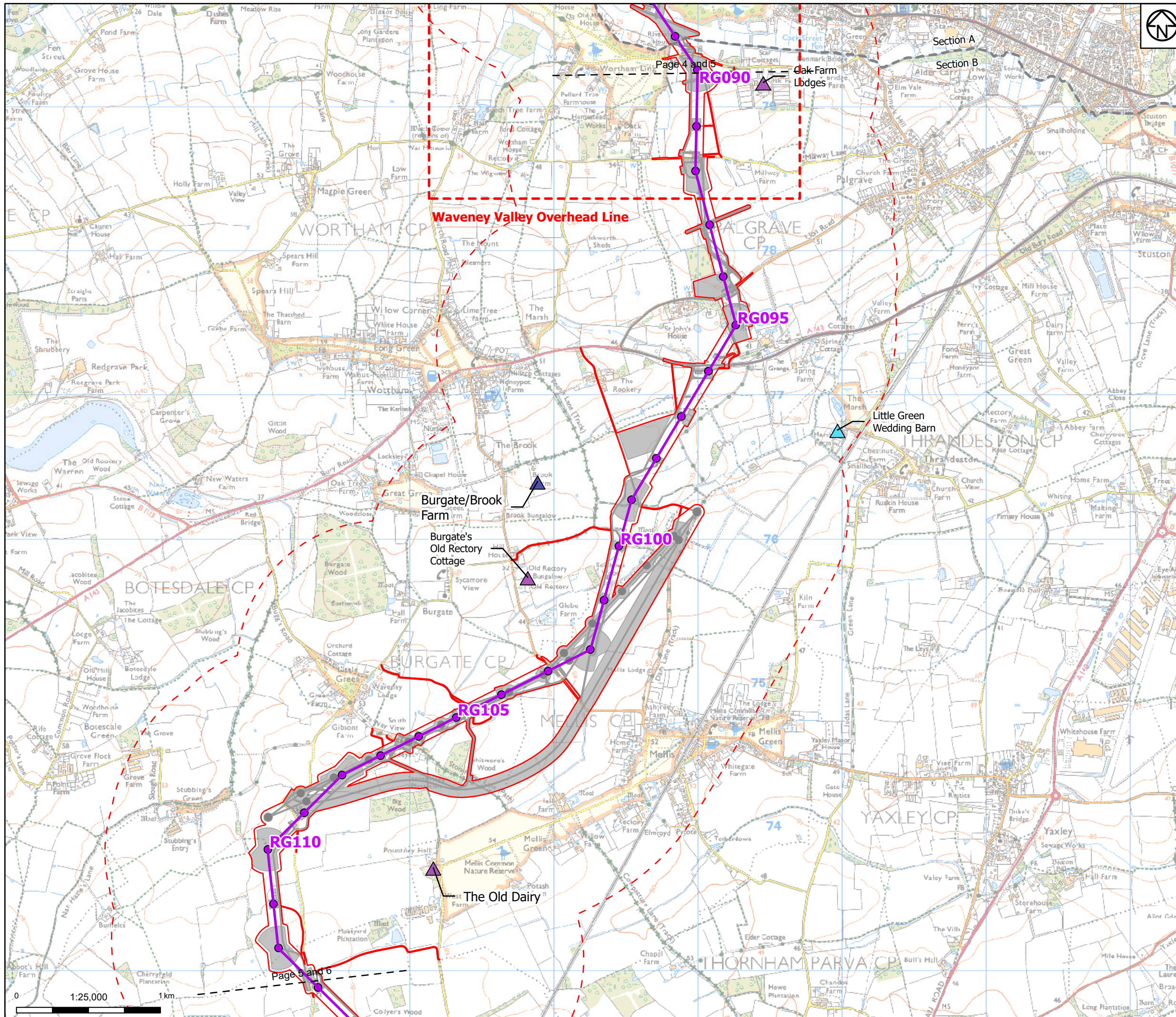
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Suitability Description: Accepted as Concept Stage

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Legend

- Draft order limits/local study area
- Project sections
- Proposed project design details**
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- Discipline specific constraints**
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 - Campsites, B&Bs, holiday homes
 - Public houses, restaurants, wedding venues
 - Airfields

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

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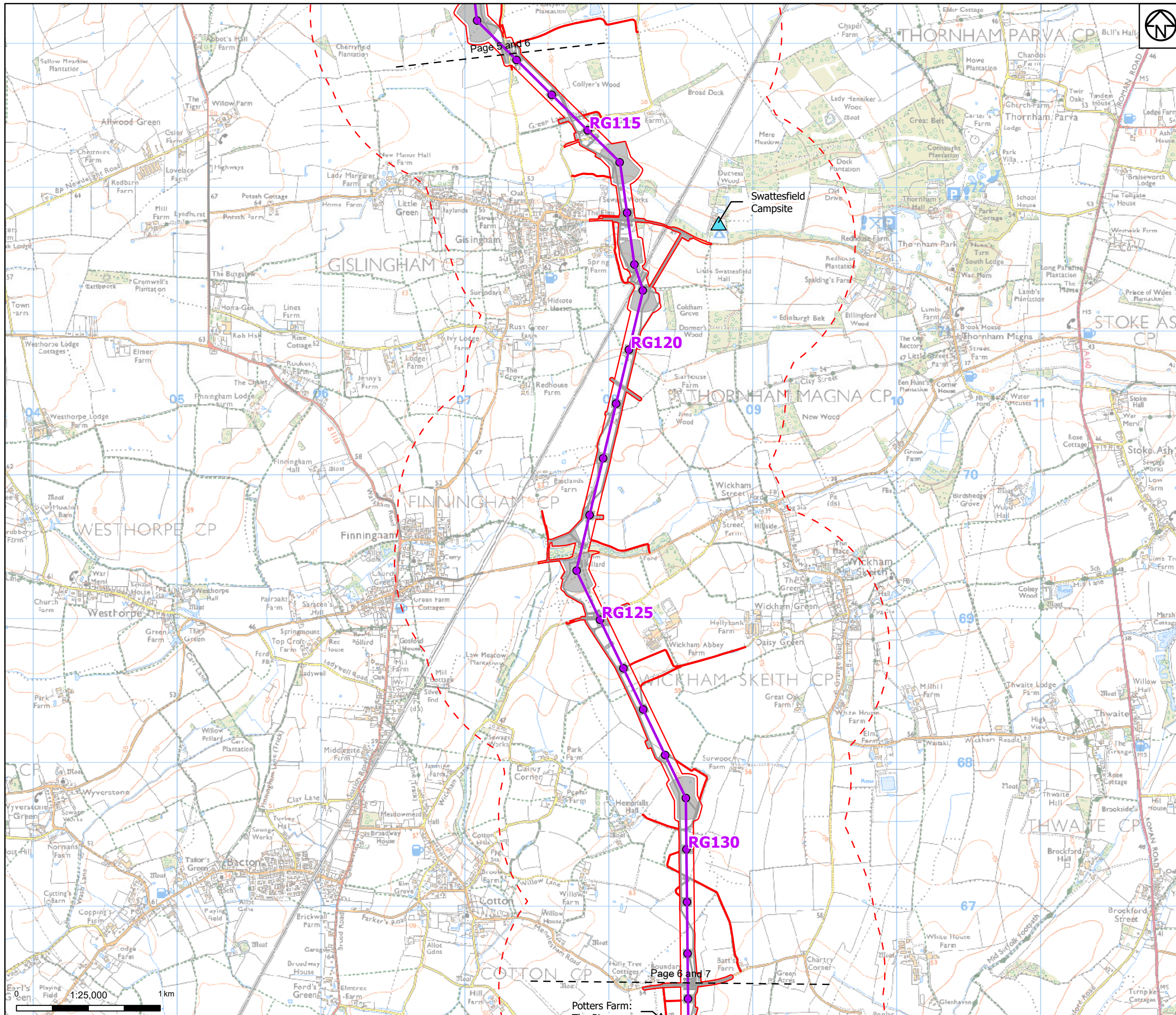
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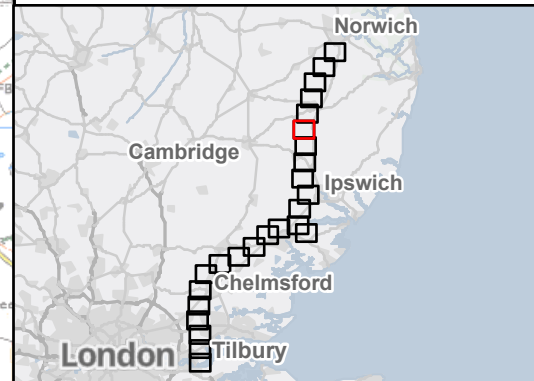
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Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR--00104	B



- Legend**
- Draft order limits/local study area
 - Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 1km Study Area
 - Campsites, B&Bs, holiday homes
 - Public houses, restaurants, wedding venues
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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B	June 2024	FOR STATUTORY CONSULTATION	KF	AF	KB
A	April 2024	FOR STATUTORY CONSULTATION	DP	AF	KB

PROJECT:
Norwich to
Tilbury

Title:
Figure 15.2 - Socio-economics,
Recreation and Tourism -
Community Facilities, Businesses,
Recreation and Tourism Assets
Page 6 of 25

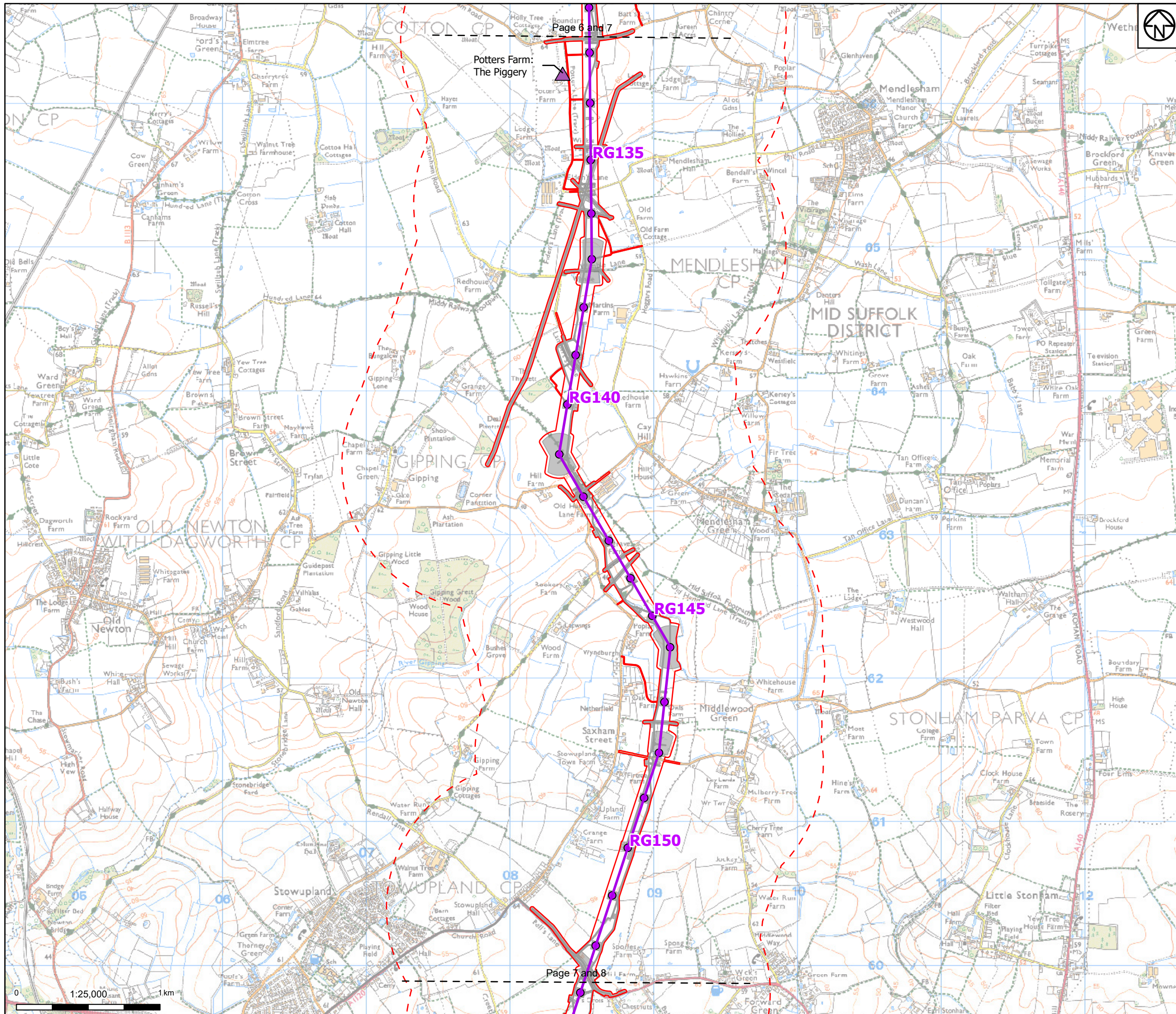
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Checked	A. Fell	Date	June 2024
Approved	K. Burrows	Date	June 2024
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR--00104

Revision:
B



Legend

- Draft order limits/local study area
- Proposed project design details
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints
 - 1km Study Area
 - Campsites, B&Bs, holiday homes

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

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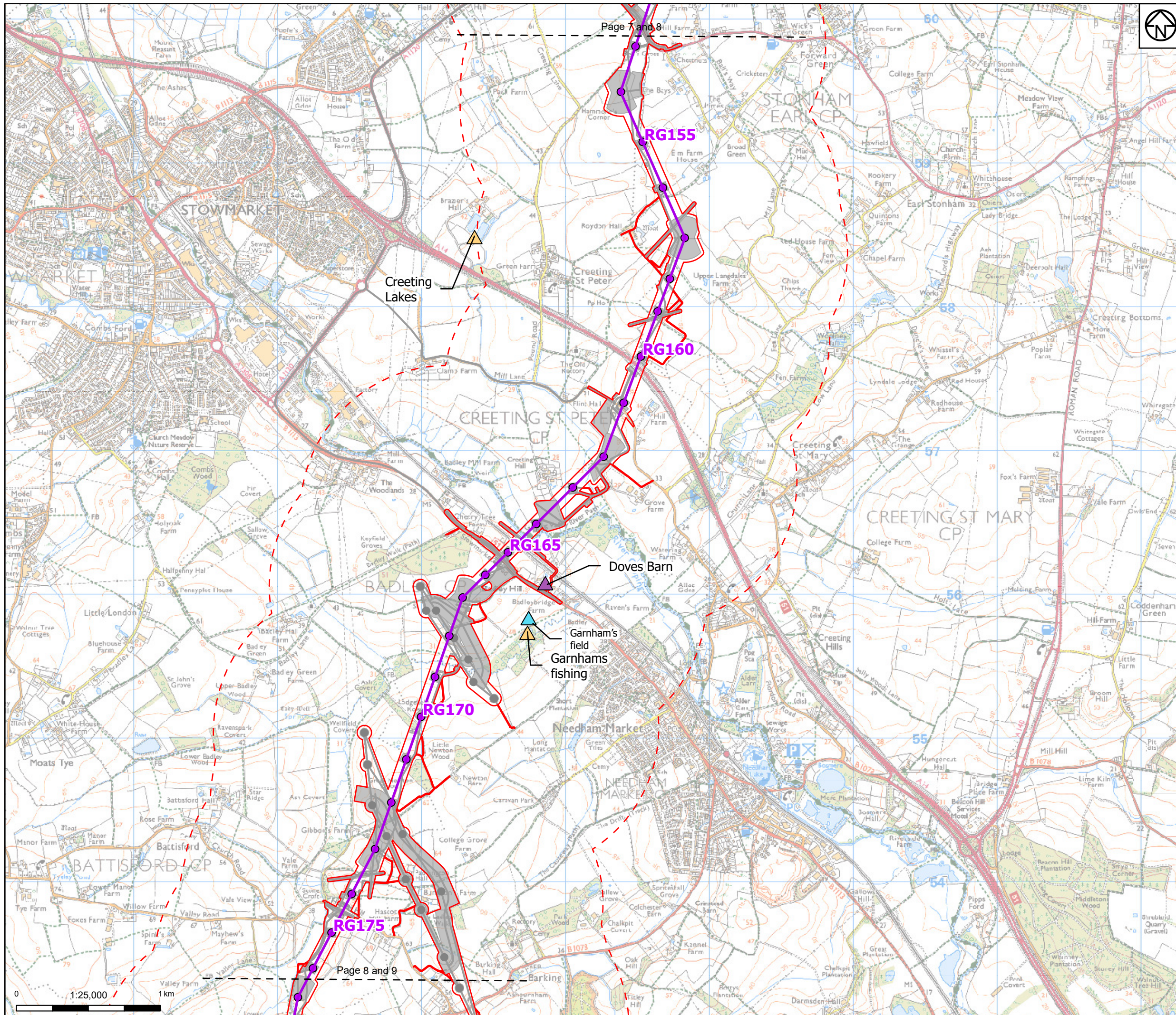
PROJECT:
Norwich to
Tilbury

Title:
Figure 15.2 - Socio-economics,
Recreation and Tourism -
Community Facilities, Businesses,
Recreation and Tourism Assets
Page 7 of 25

Designed	S. Shai	Date	June 2024
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Suitability Description:	Accepted as Concept Stage		

Drawing Number:
10059280-ARC-ELS-ZZ-DR--00104

Revision:
B



Legend

Draft order limits/local study area

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

1km Study Area

Campsites, B&Bs, holiday homes

Public houses, restaurants, wedding venues

Sports clubs

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

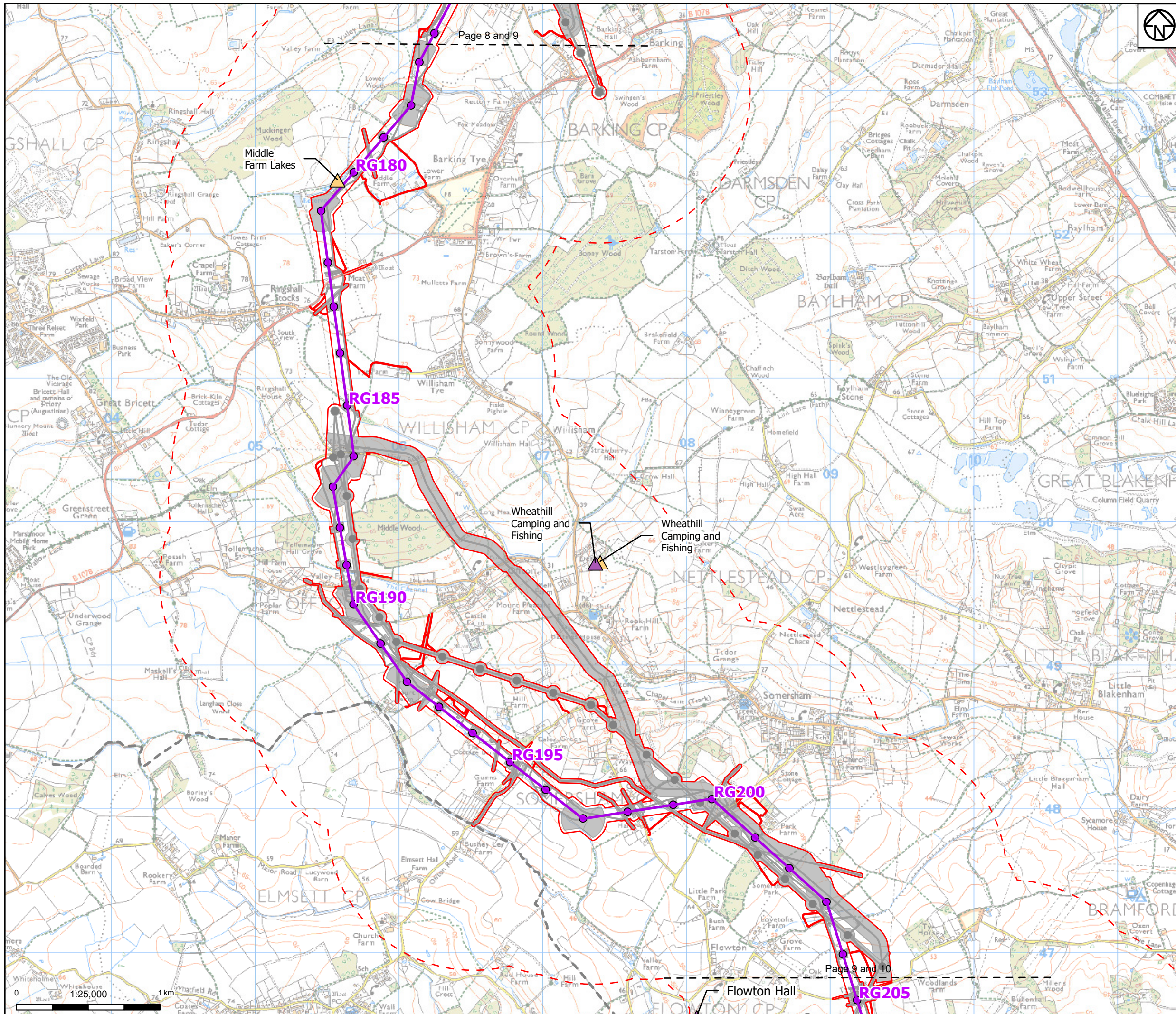
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Recreation and Tourism -
Community Facilities, Businesses,
Recreation and Tourism Assets
Page 8 of 25

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Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR--00104

Revision:
B



Legend

Draft order limits/local study area

Project sections

Proposed project design details

Proposed overhead line alignment

● Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

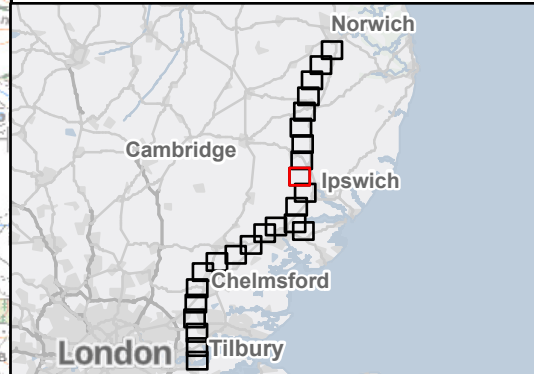
1km Study Area

▲ Campsites, B&Bs, holiday homes

▲ Sports clubs

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

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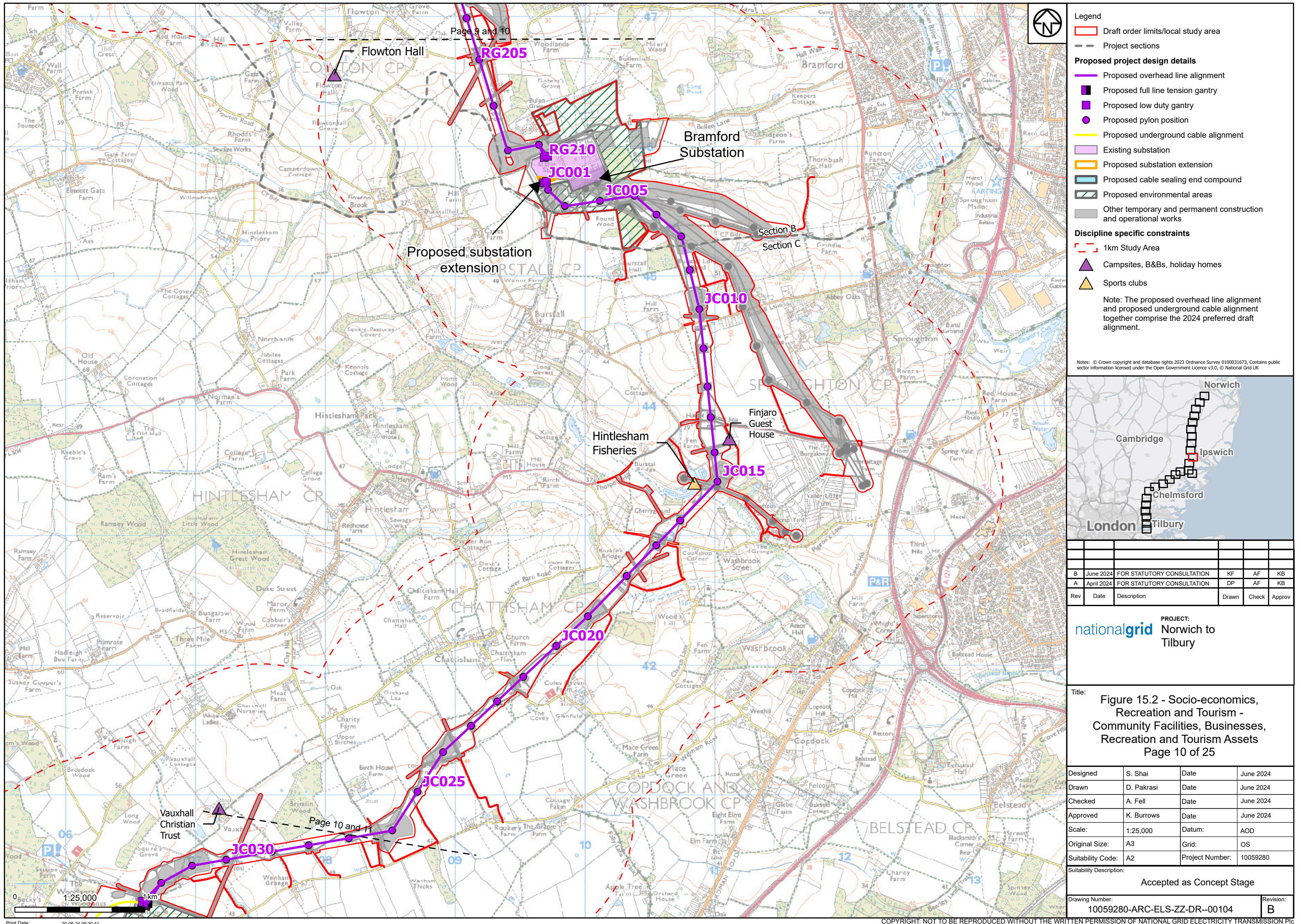
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Norwich to Tilbury

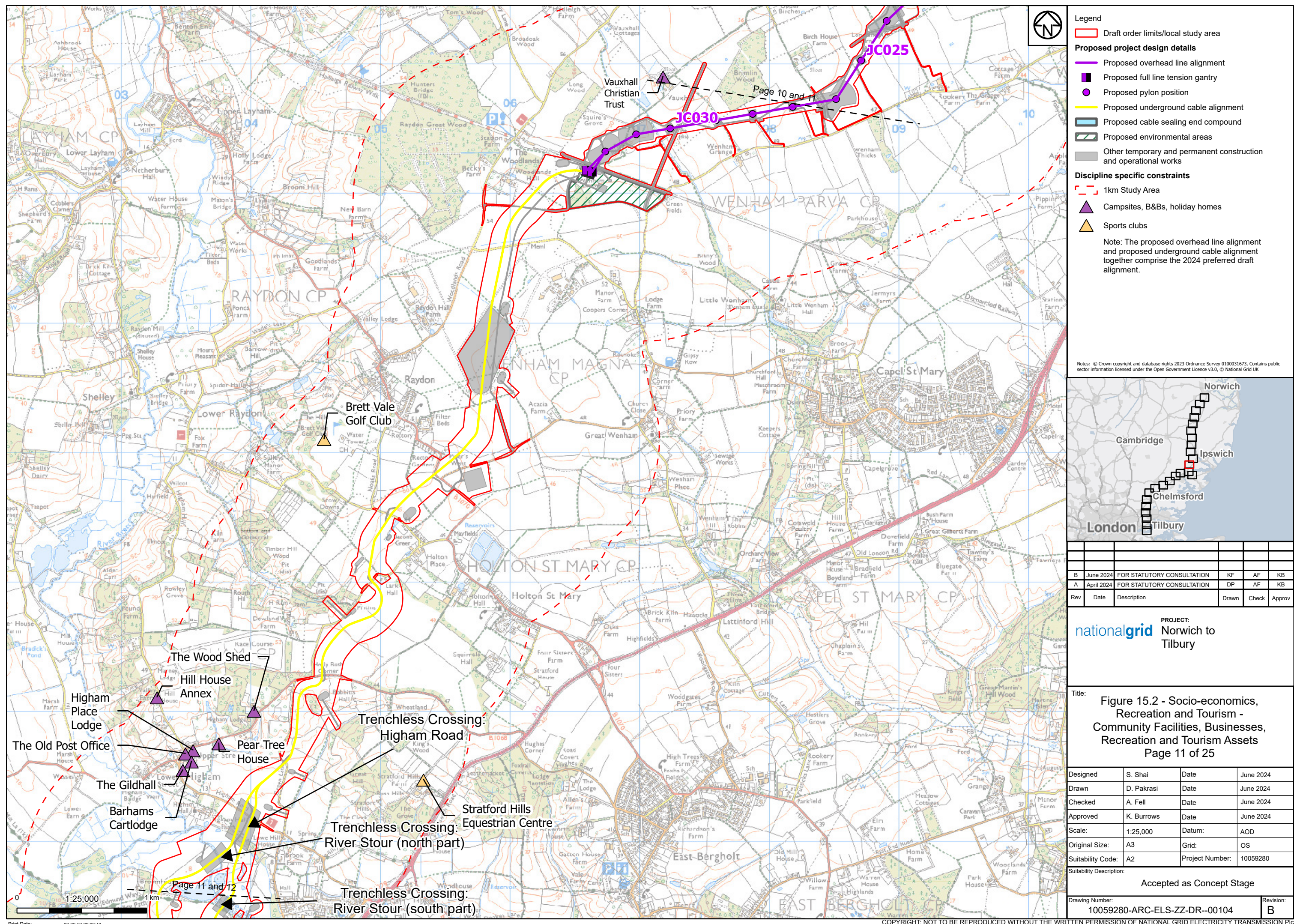
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Page 9 of 25

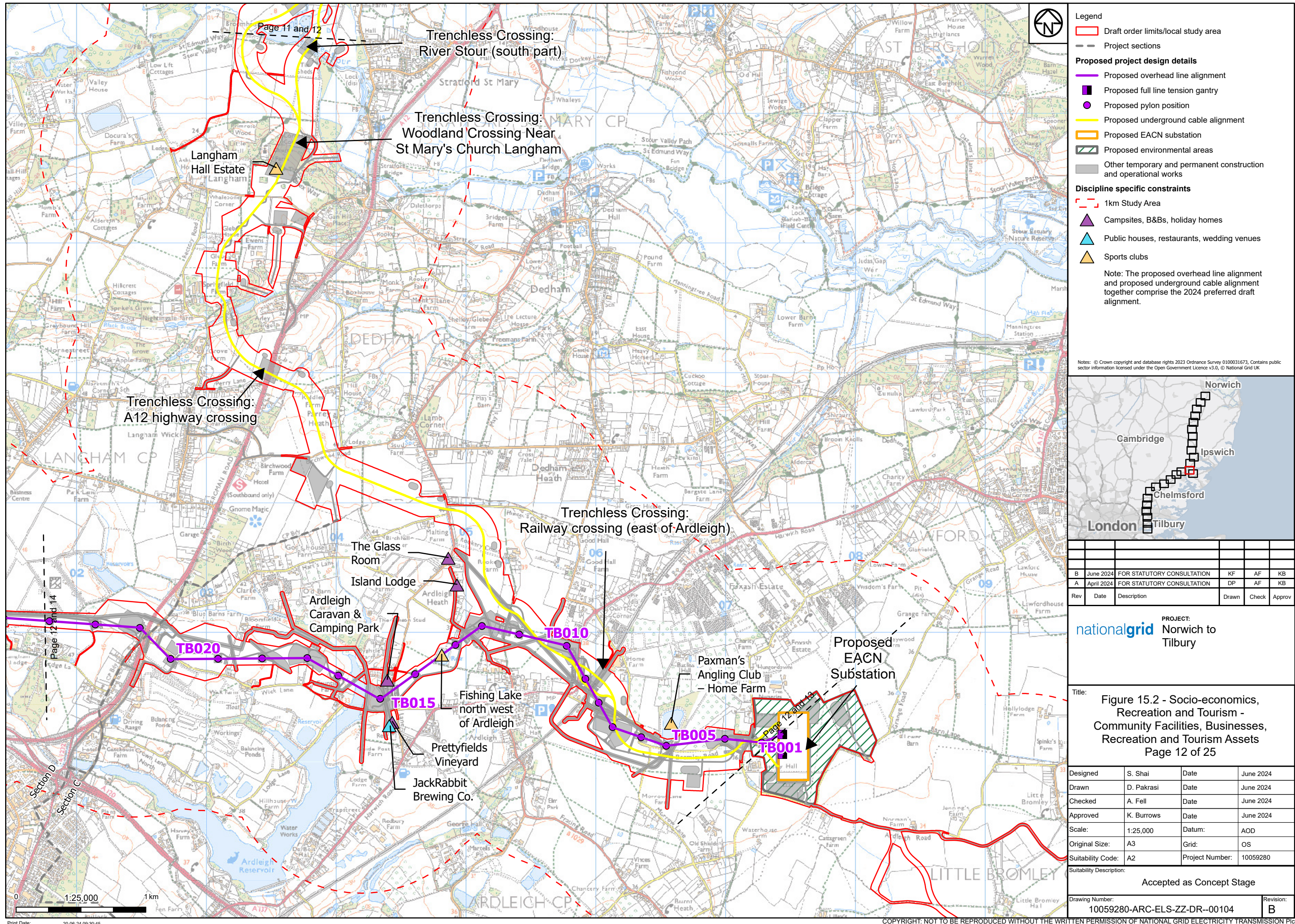
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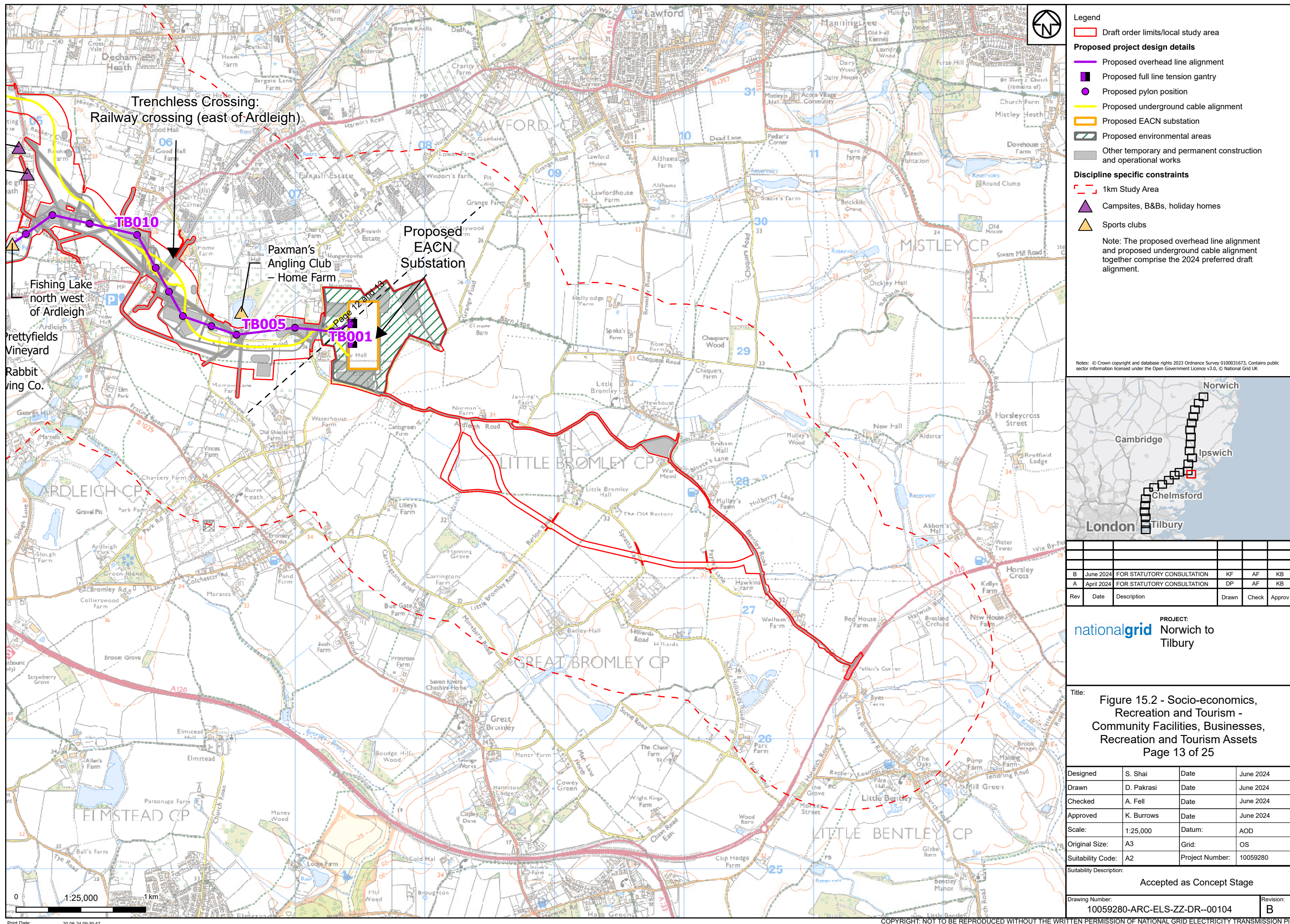
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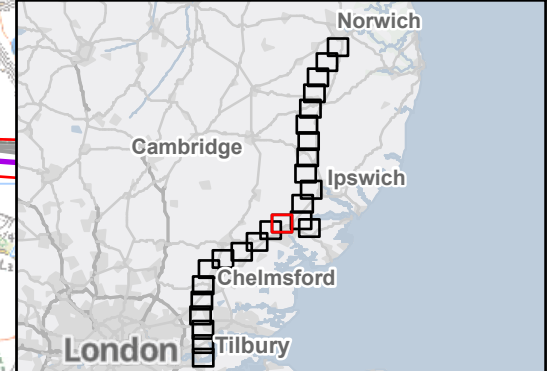
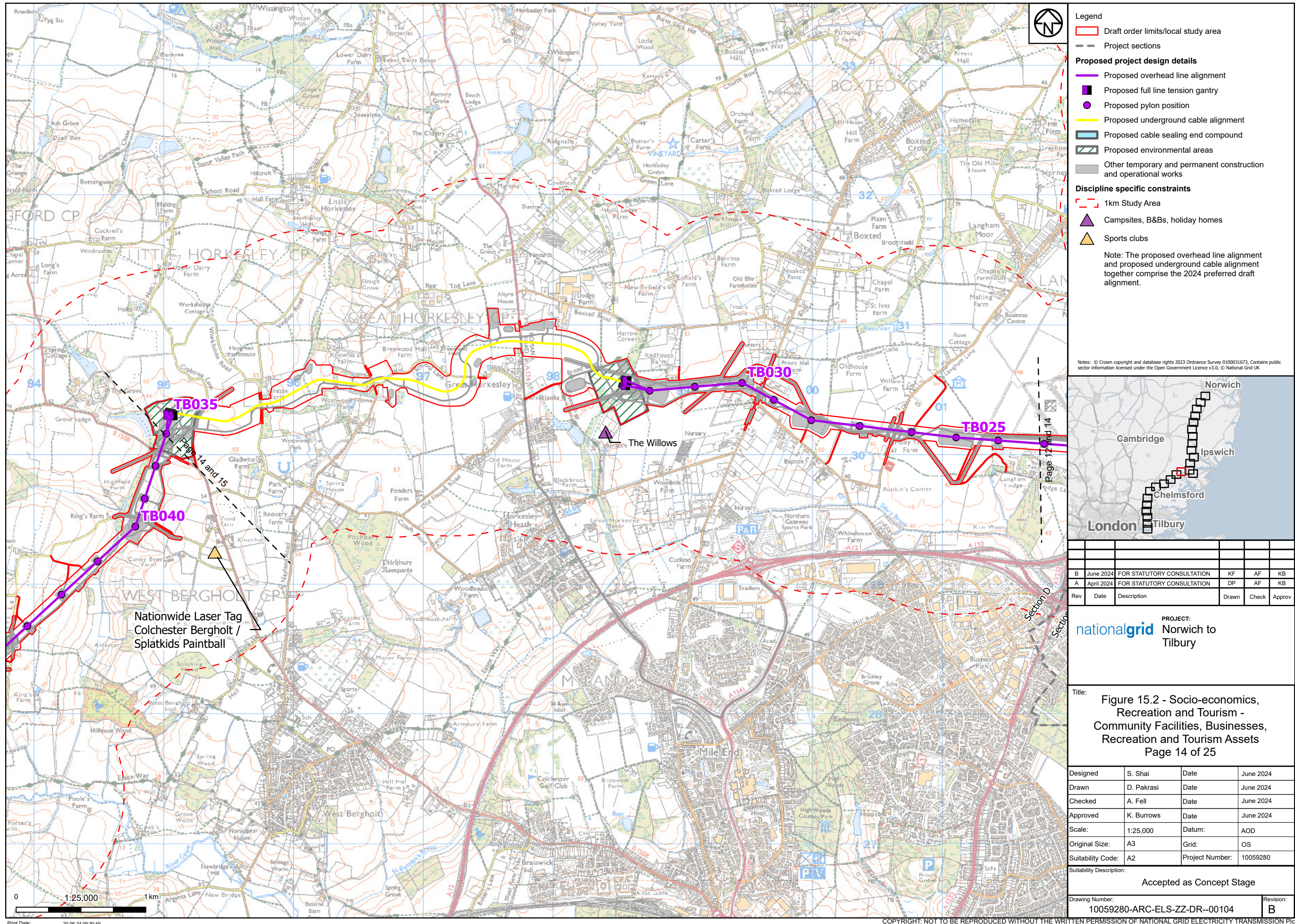
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A	April 2024	FOR STATUTORY CONSULTATION	DP	AF	KB

PROJECT: Norwich to Tilbury

nationalgrid

Title: Figure 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets Page 13 of 25

Designed	S. Shai	Date	June 2024
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Drawing Number: 10059280-ARC-ELS-ZZ-DR--00104			Revision: B



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PROJECT: Norwich to Tilbury

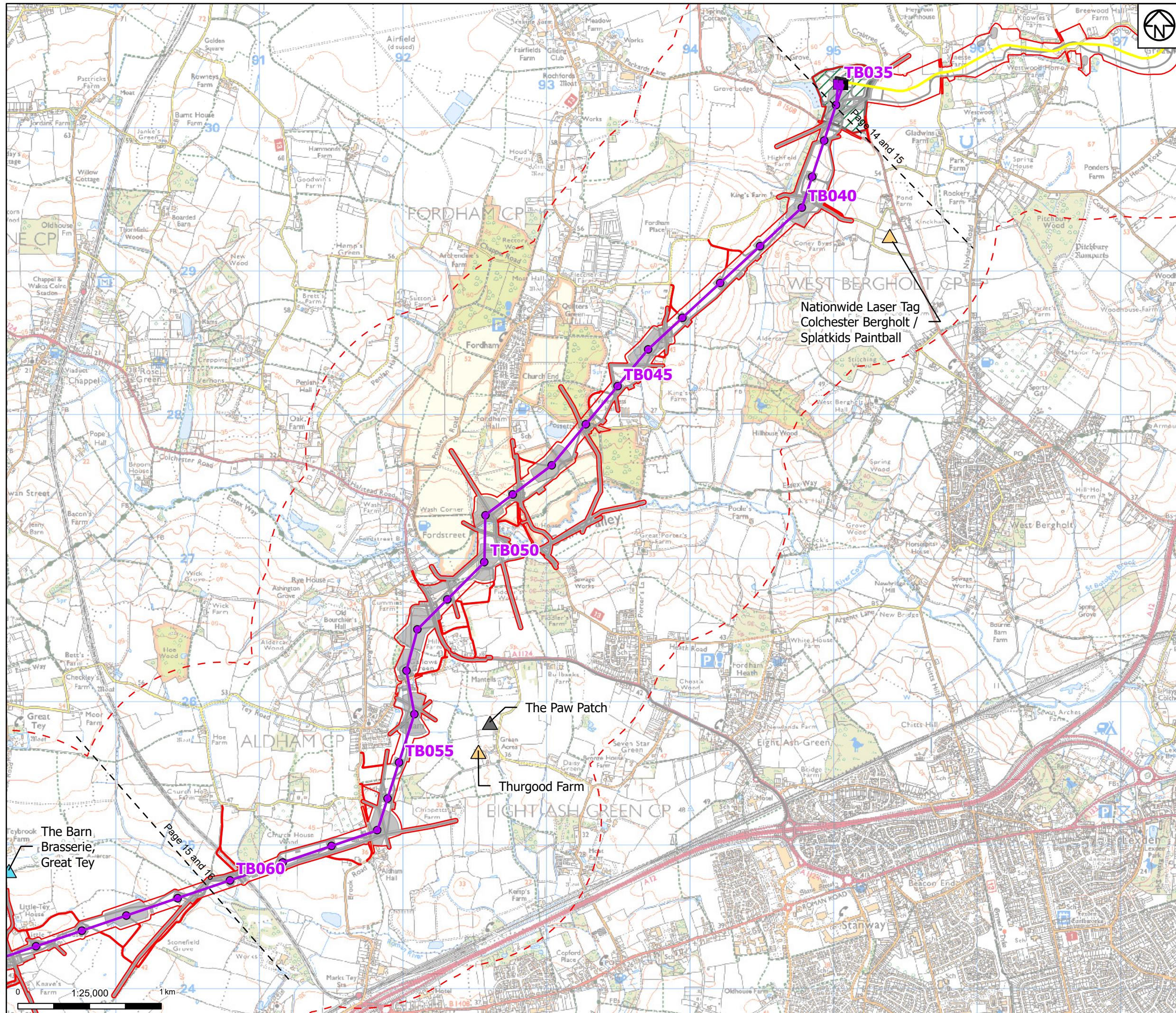
Title: Figure 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets Page 14 of 25

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

Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR--00104

Revision: B



Legend

- Draft order limits/local study area
- Proposed project design details
 - Proposed overhead line alignment
 - Proposed full line tension gantry
 - Proposed pylon position
 - Proposed underground cable alignment
 - Proposed cable sealing end compound
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
- Discipline specific constraints
 - 1km Study Area
 - Public houses, restaurants, wedding venues
 - Sports clubs
 - Others

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

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Map of the East of England region showing the project route from London to Norwich. Key locations marked include London, Tilbury, Chelmsford, Ipswich, Cambridge, and Norwich.

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nationalgrid PROJECT: Norwich to Tilbury

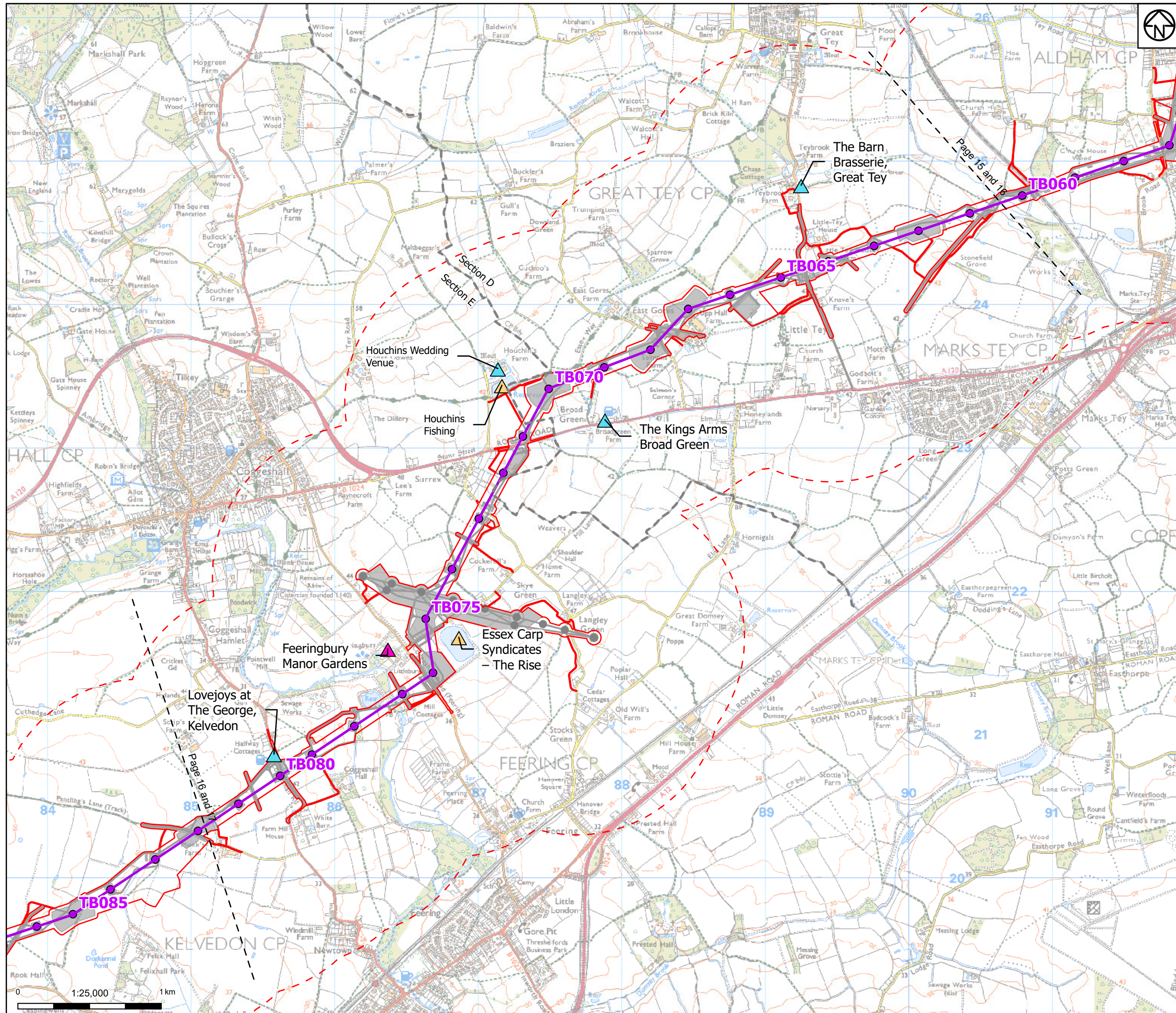
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Approved	K. Burrows	Date	June 2024
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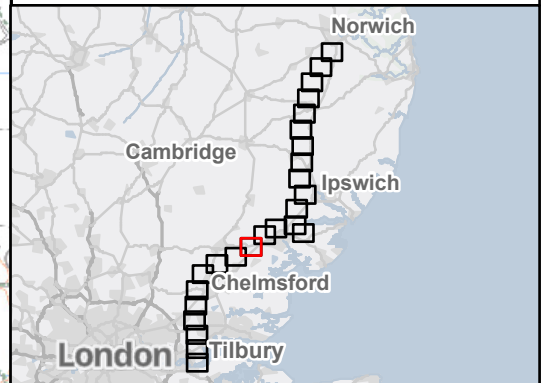
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Revision: B



- Legend**
- Draft order limits/local study area
 - Project sections
 - Proposed project design details**
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 1km Study Area
 - Public houses, restaurants, wedding venues
 - Sports clubs
 - Museums, historic buildings, gardens
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

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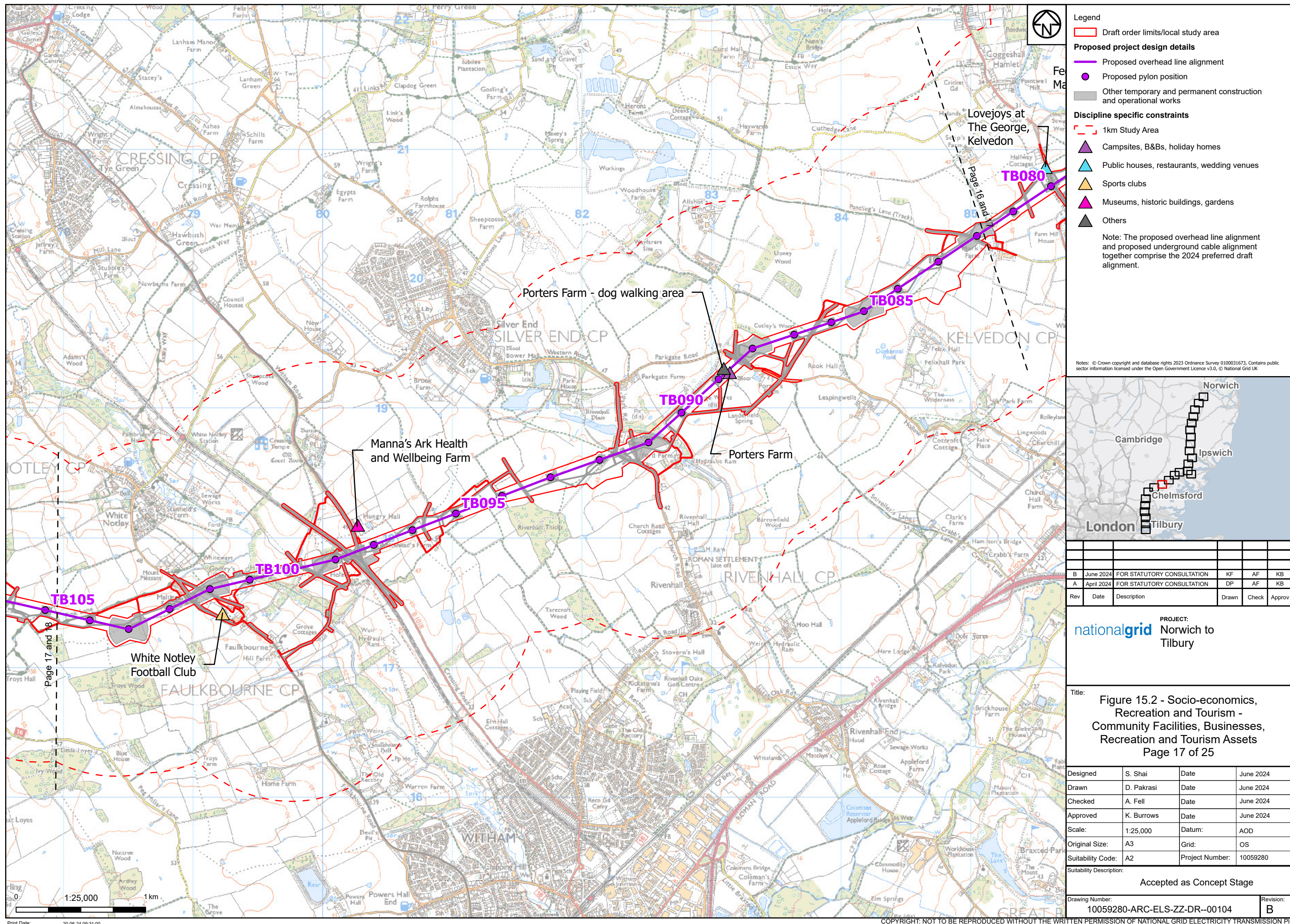
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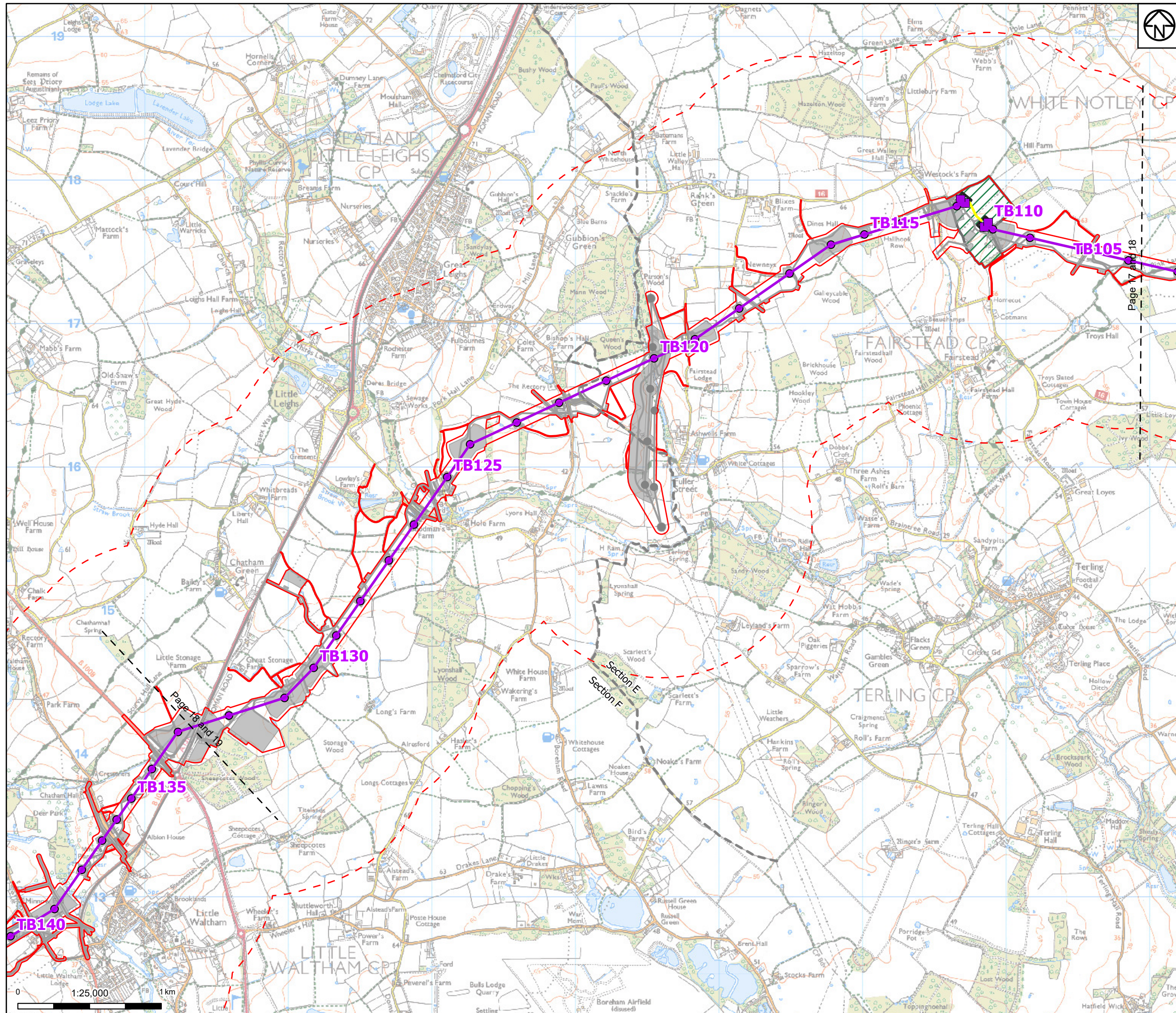
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Figure 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets
Page 16 of 25

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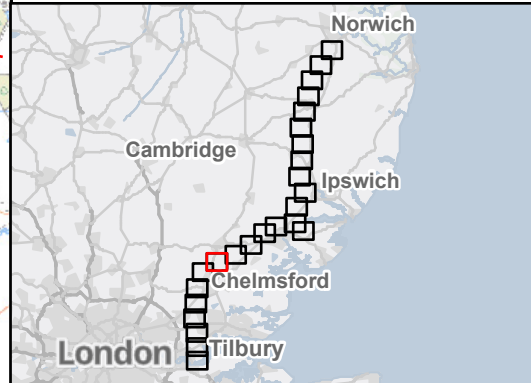
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Revision: B





- Legend**
- Draft order limits/local study area
 - 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
 - Proposed environmental areas
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 1km 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

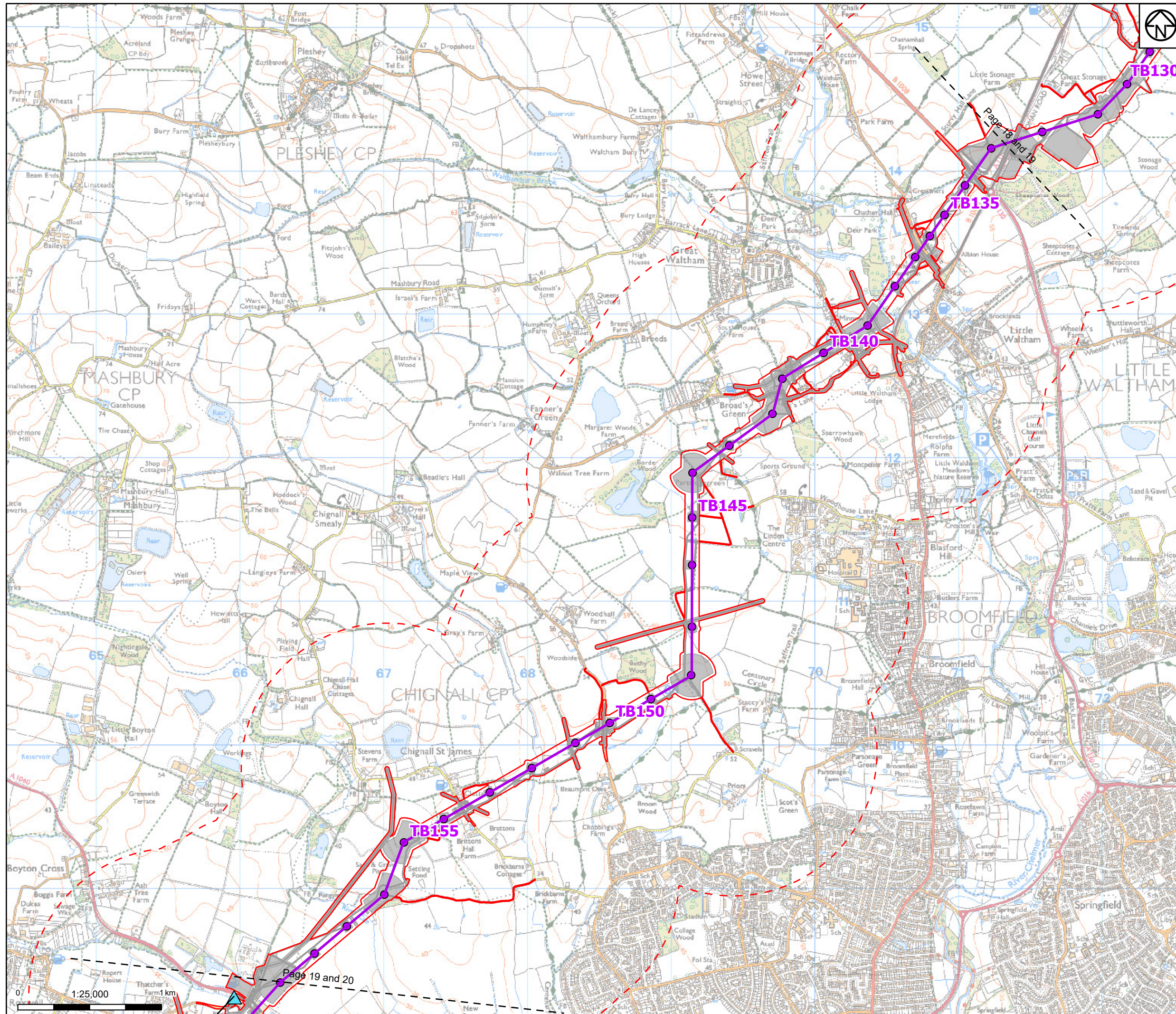
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Recreation and Tourism -
Community Facilities, Businesses,
Recreation and Tourism Assets
Page 18 of 25

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Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR--00104

Revision:
B



Legend

- Draft order limits/local study area
- Proposed project design details
 - Proposed overhead line alignment
 - Proposed pylon position
 - Other temporary and permanent construction and operational works
- Discipline specific constraints
 - 1km Study Area
 - Public houses, restaurants, wedding venues
 - Airfields

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

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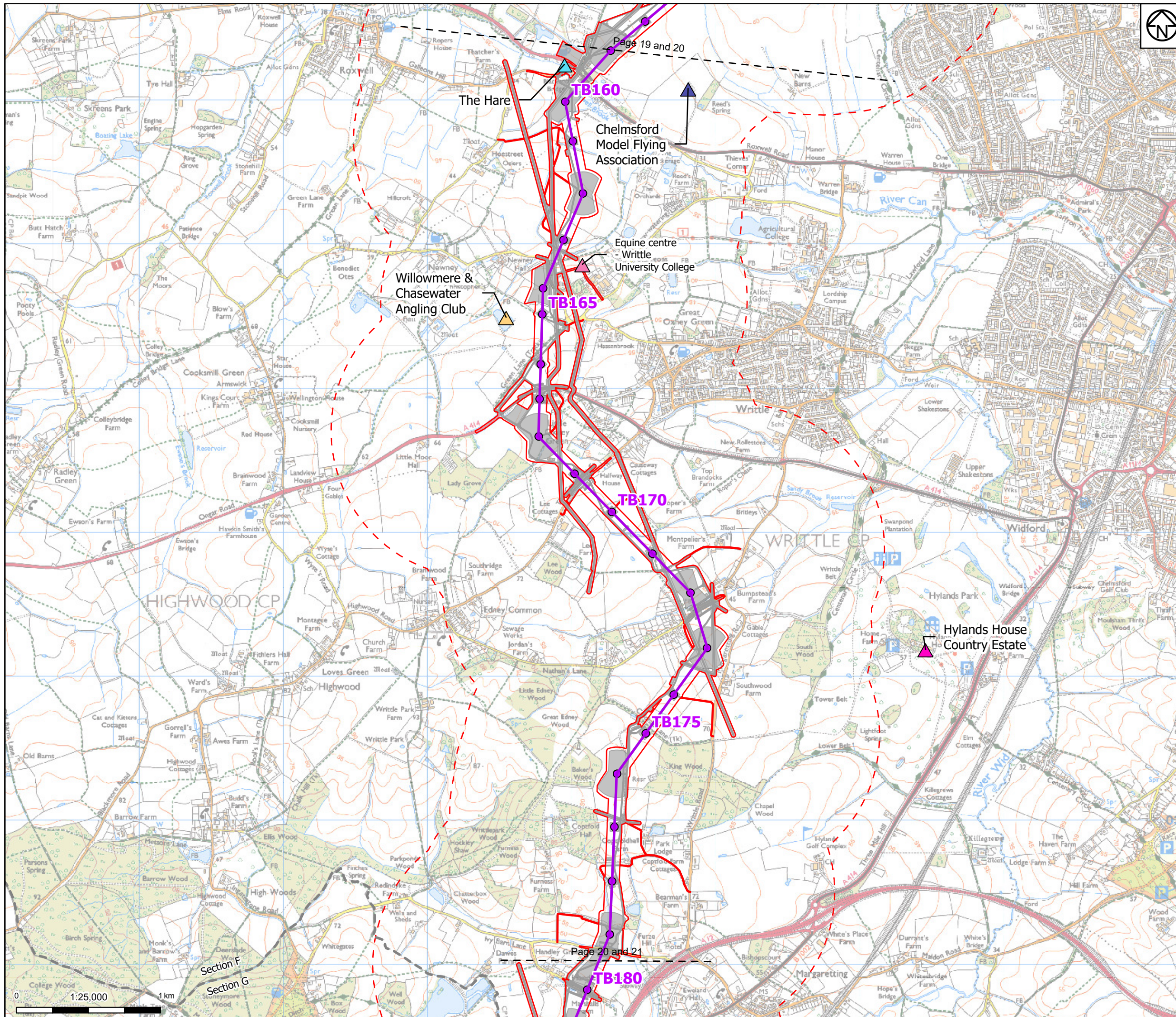
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Norwich to
Tilbury

Title: Figure 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets
Page 19 of 25

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Drawing Number: 10059280-ARC-ELS-ZZ-DR--00104

Revision: B



Legend

- Draft order limits/local study area
- Project sections
- Proposed project design details**
- Proposed overhead line alignment
- Proposed pylon position
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 1km Study Area
- Public houses, restaurants, wedding venues
- Sports clubs
- Airfields
- Museums, historic buildings, gardens
- Schools

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

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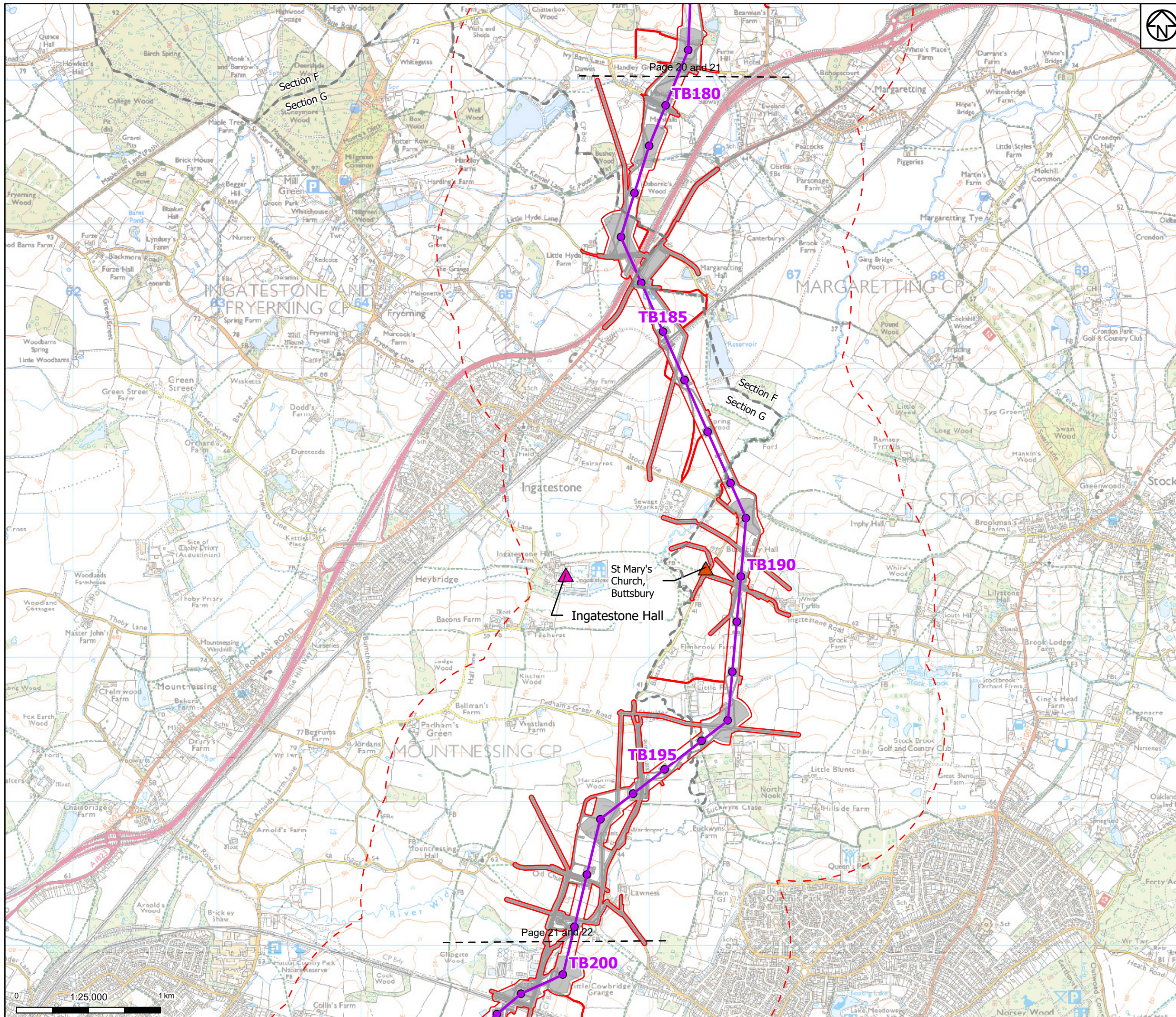
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Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR--00104

Revision: B



Legend

Draft order limits/local study area

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

1km Study Area

Museums, historic buildings, gardens

Place of worship

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

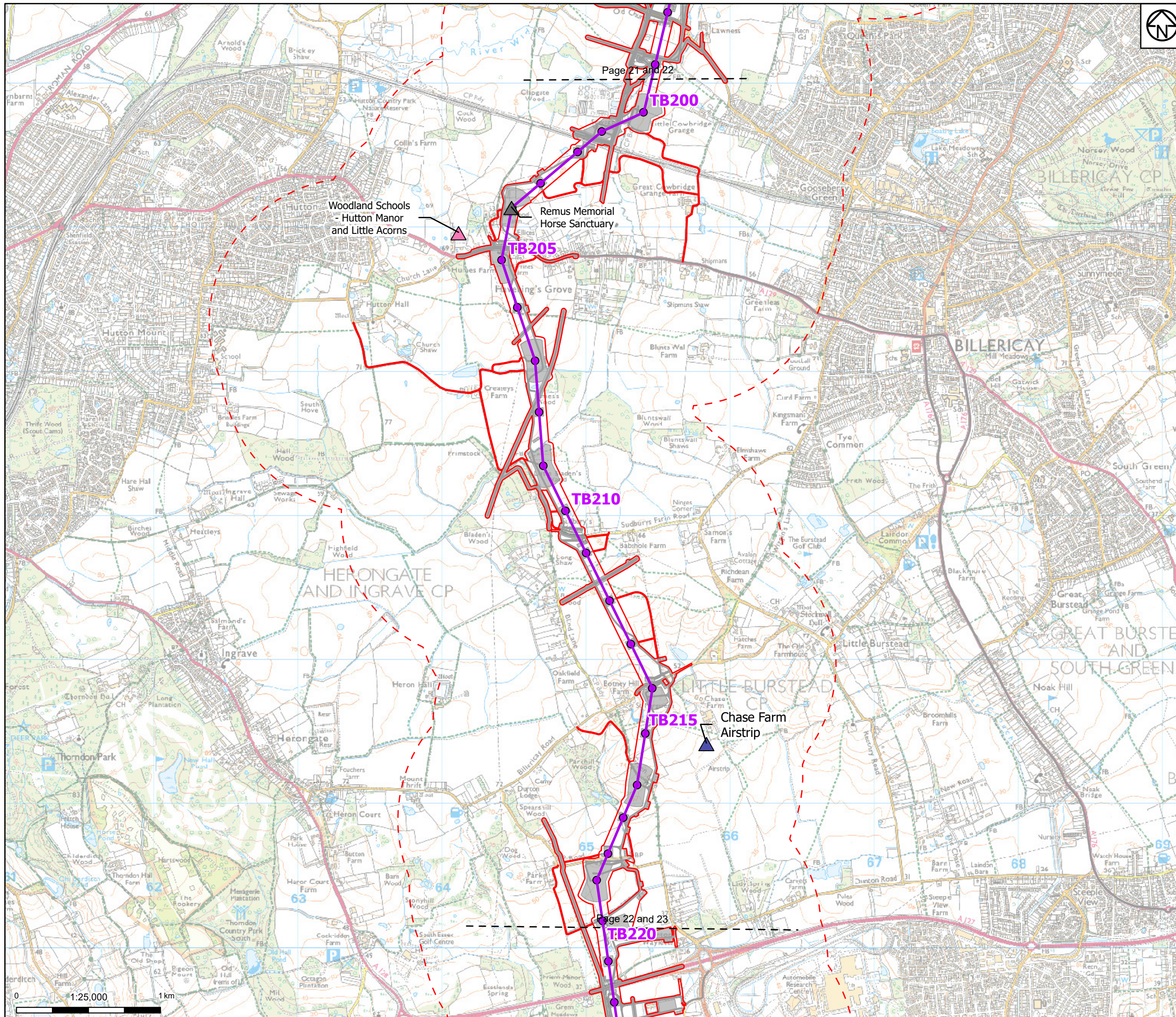
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Page 21 of 25

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Accepted as Concept Stage

Drawing Number:
10059280-ARC-ELS-ZZ-DR--00104

Revision:
B



Legend

Draft order limits/local study area

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

Other temporary and permanent construction and operational works

Discipline specific constraints

1km Study Area

Airfields

Schools

Others

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

Rev	Date	Description	Drawn	Check	Approv
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PROJECT:
Norwich to
Tilbury

Title: **Figure 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets**
Page 22 of 25

Designed	S. Shai	Date	June 2024
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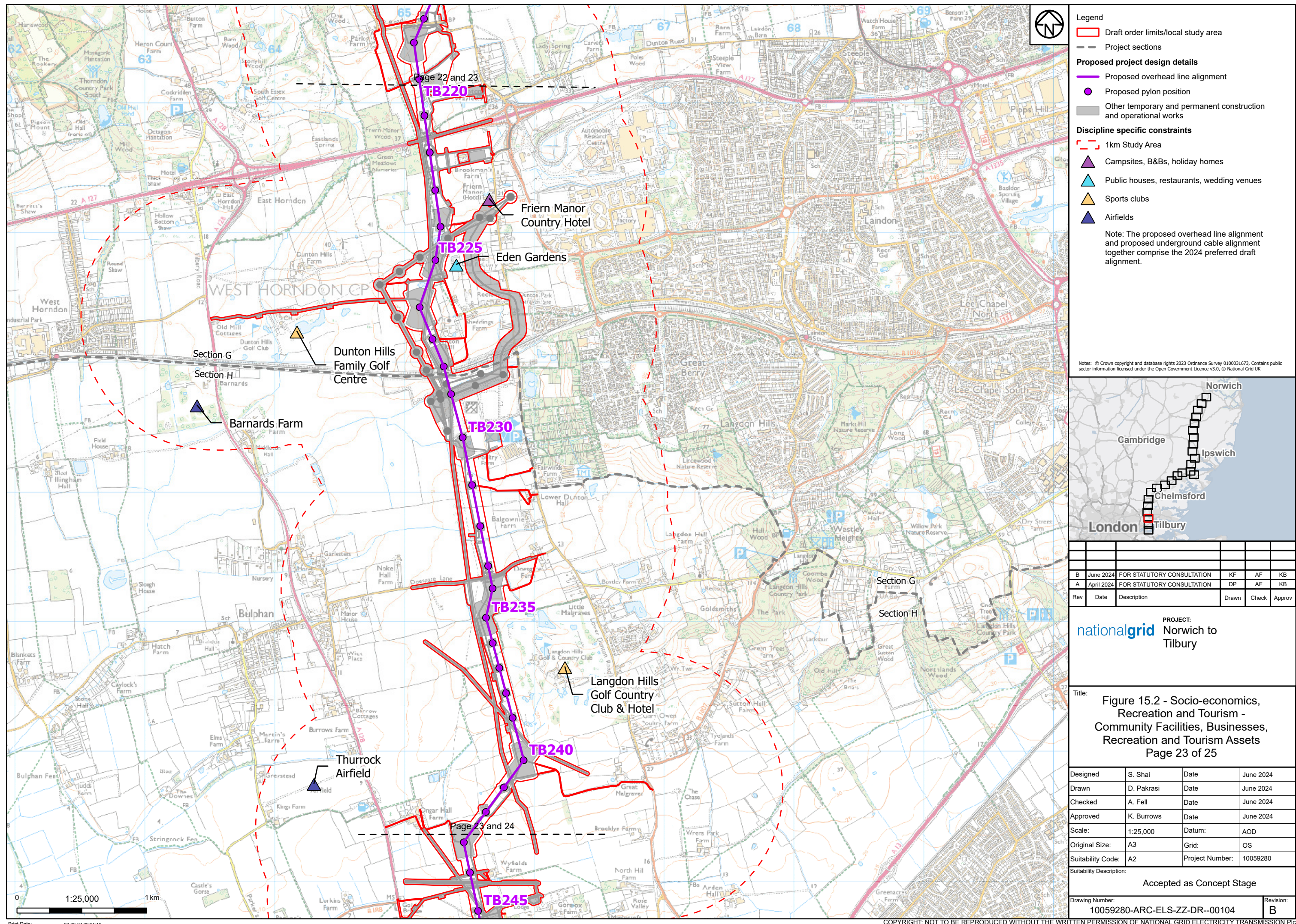
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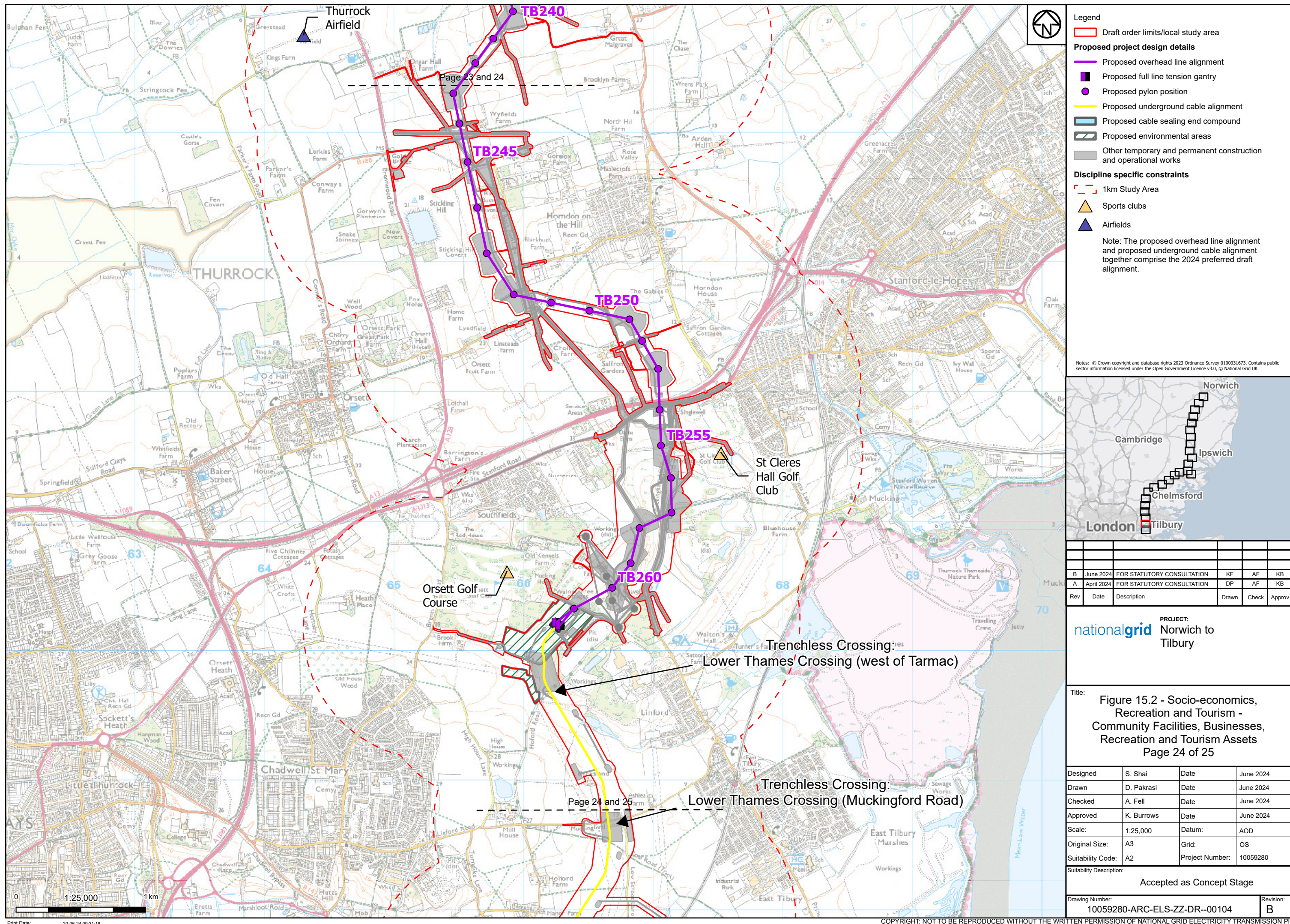
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Legend

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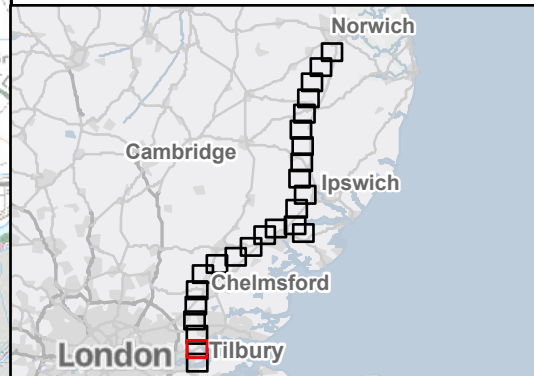
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- Proposed full line tension gantry
- Proposed pylon position
- Proposed underground cable alignment
- Proposed cable sealing end compound
- Proposed environmental areas
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 1km Study Area
- Sports clubs
- Airfields

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

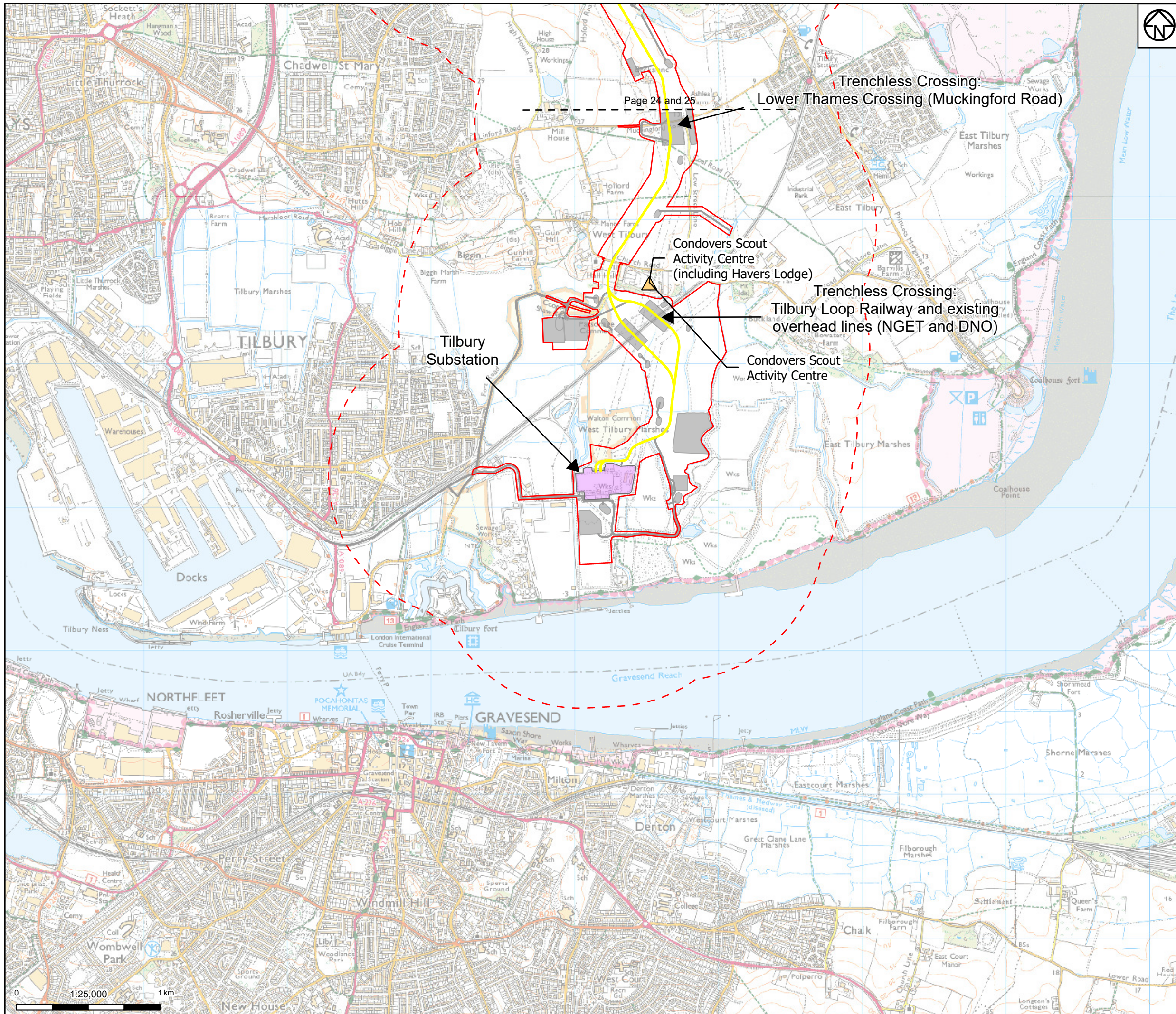
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Approved	K. Burrows	Date	June 2024
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR--00104

Revision: B



Legend

- Draft order limits/local study area
- Proposed project design details
 - Proposed underground cable alignment
 - Existing substation
 - Other temporary and permanent construction and operational works
- Discipline specific constraints
 - 1km Study Area
 - Campsites, B&Bs, holiday homes
 - Sports clubs

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 15.2 - Socio-economics, Recreation and Tourism - Community Facilities, Businesses, Recreation and Tourism Assets
Page 25 of 25

Designed	S. Shai	Date	June 2024
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Suitability Description:

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