

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.12.F2 Environmental Statement Figure 12.2 - Flood Risk Areas

Final Issue A

August 2025

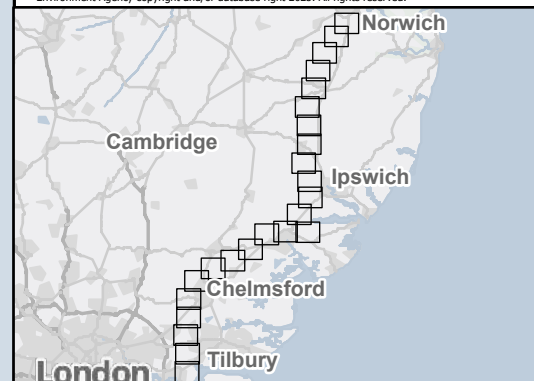
Planning Inspectorate Reference: EN020027

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



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nationalgrid PROJECT: Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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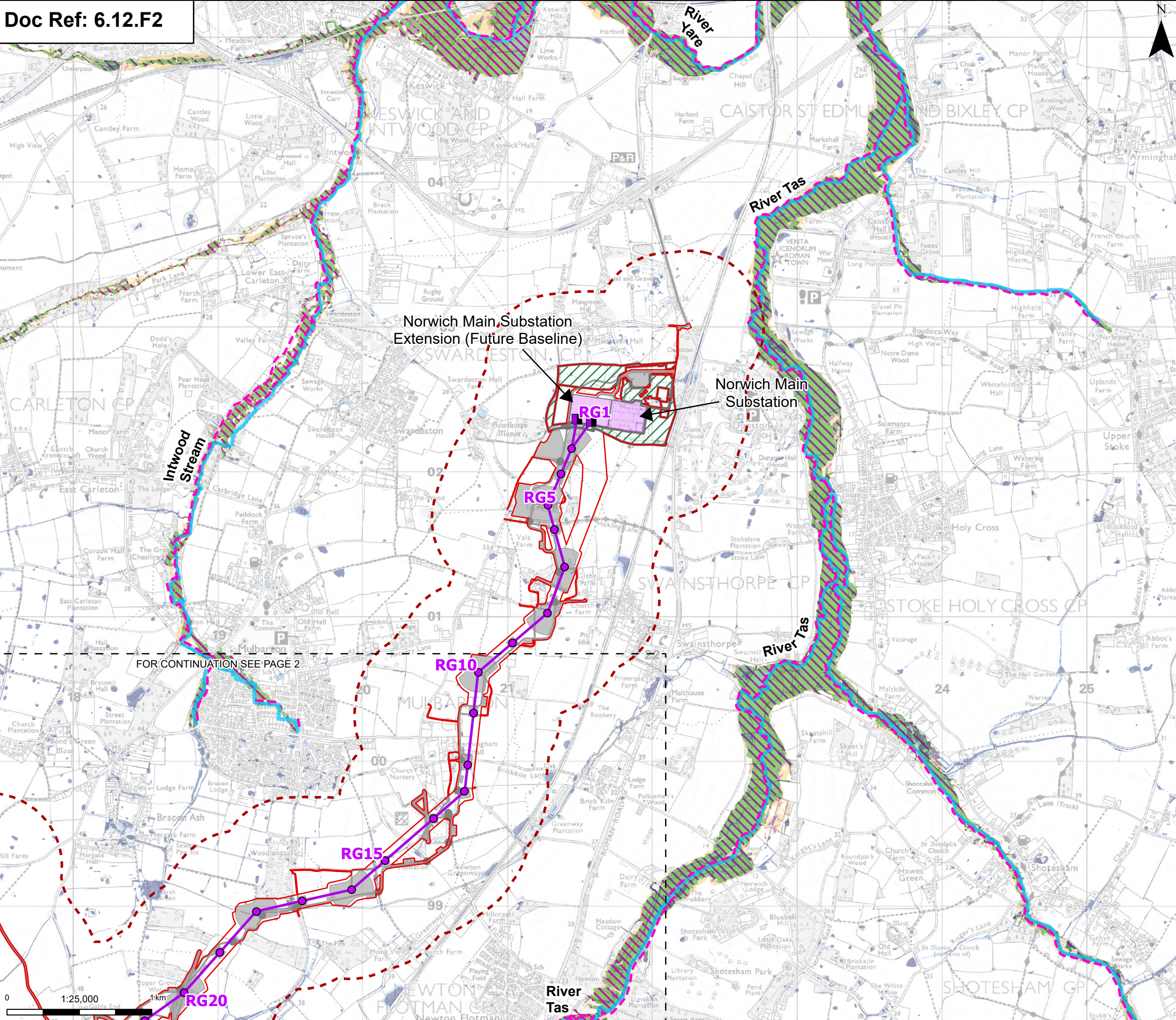
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Figure 12.2 - Flood Risk Areas Overview

Designed	L. Driscoll	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:	Accepted as Concept Stage
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Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00236	A



Order limits

Sheet index outline

Proposed project design details

Proposed full line tension gantry

Proposed standard lattice pylon location

Proposed overhead line alignment

Norwich Main Substation

Norwich Main Substation Extension (future baseline)

Environmental area

Other temporary and permanent construction and operational works

Discipline specific constraints

500 m Study Area

Flood defences

Main River

Flood Zone 2

Flood Zone 3

Risk of flooding from surface water

High

Medium

Risk of flooding from rivers and sea

High

Medium

Risk of flooding from rivers and sea - climate change 1

High

Medium

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

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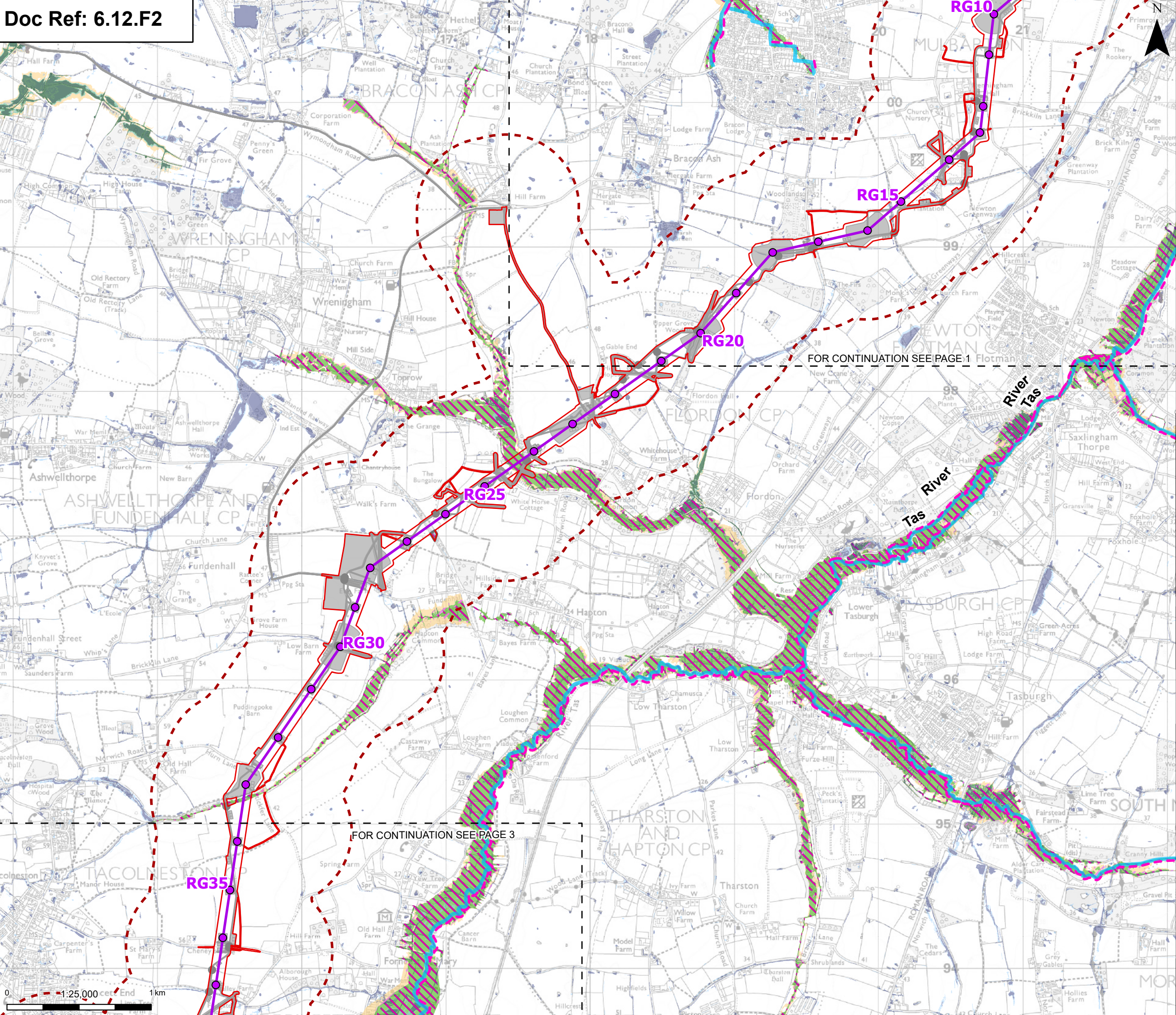
Figure 12.2 - Flood Risk Areas
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Order limits

Sheet index outline

Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

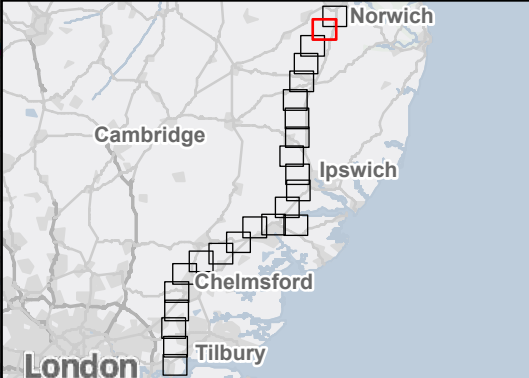
- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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

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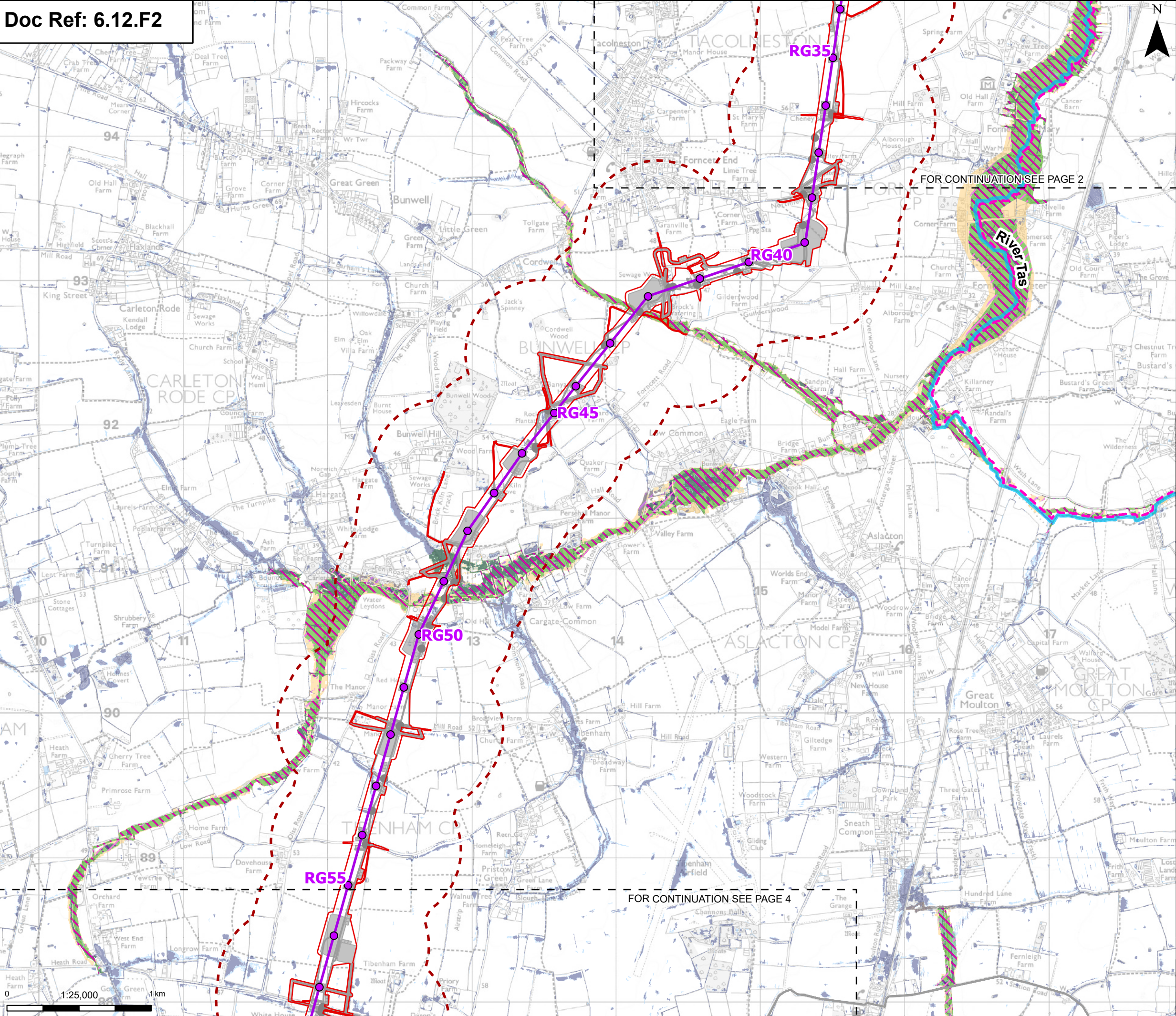
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Figure 12.2 - Flood Risk Areas
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

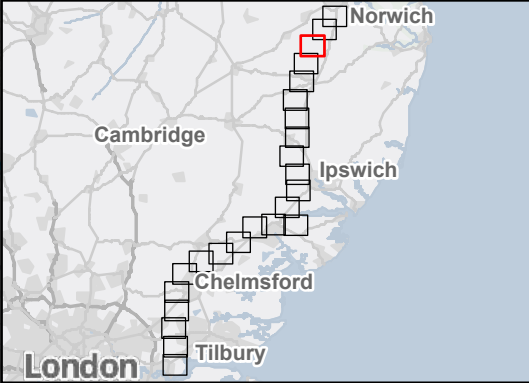
- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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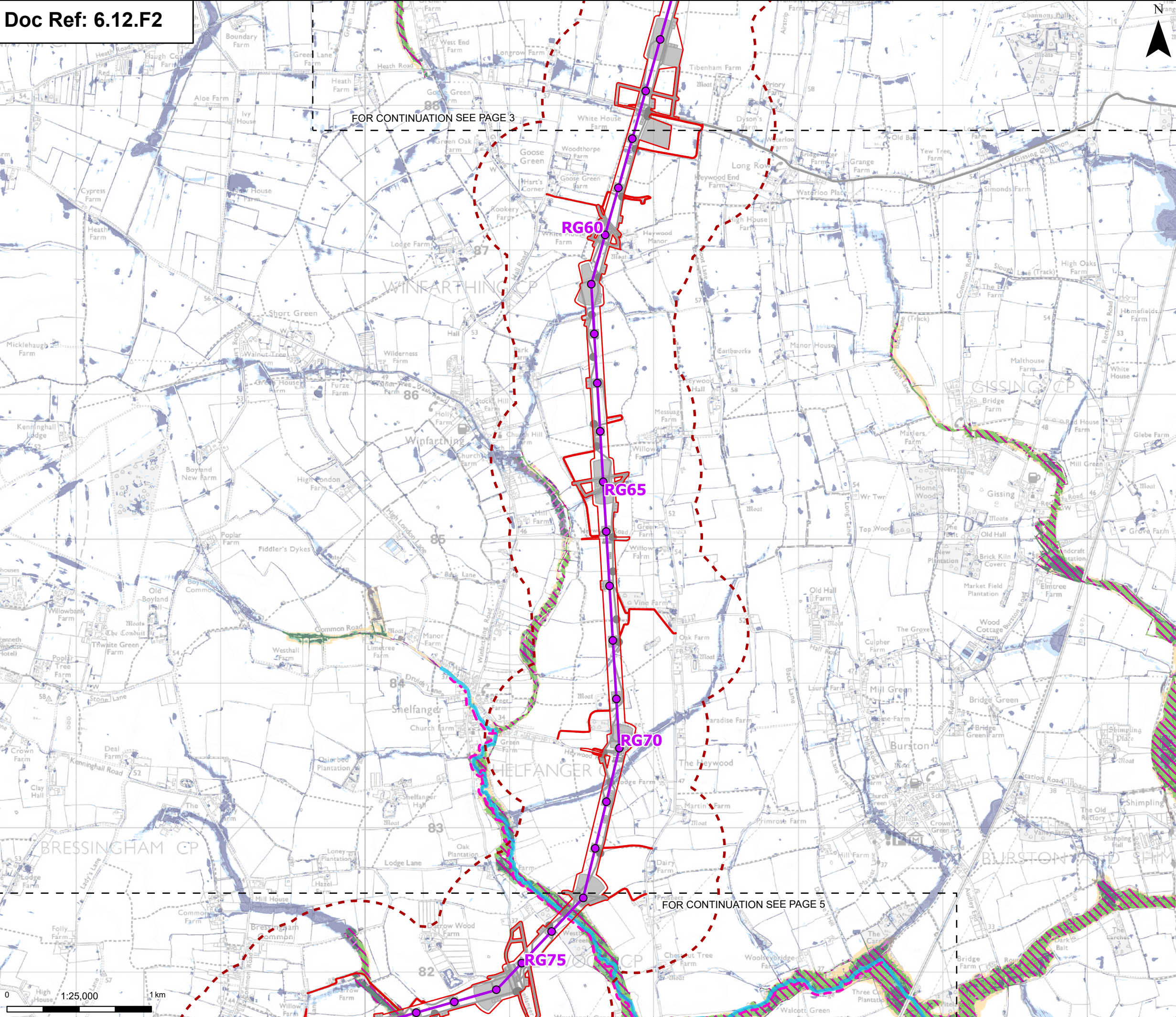
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Figure 12.2 - Flood Risk Areas
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Proposed standard lattice pylon location

Proposed overhead line alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

500 m Study Area

Flood defences

Main River

Flood Zone 2

Flood Zone 3

Risk of flooding from surface water

High

Medium

Risk of flooding from rivers and sea

High

Medium

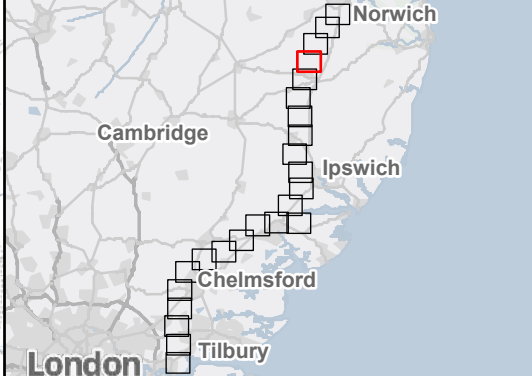
Risk of flooding from rivers and sea - climate change 1

High

Medium

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

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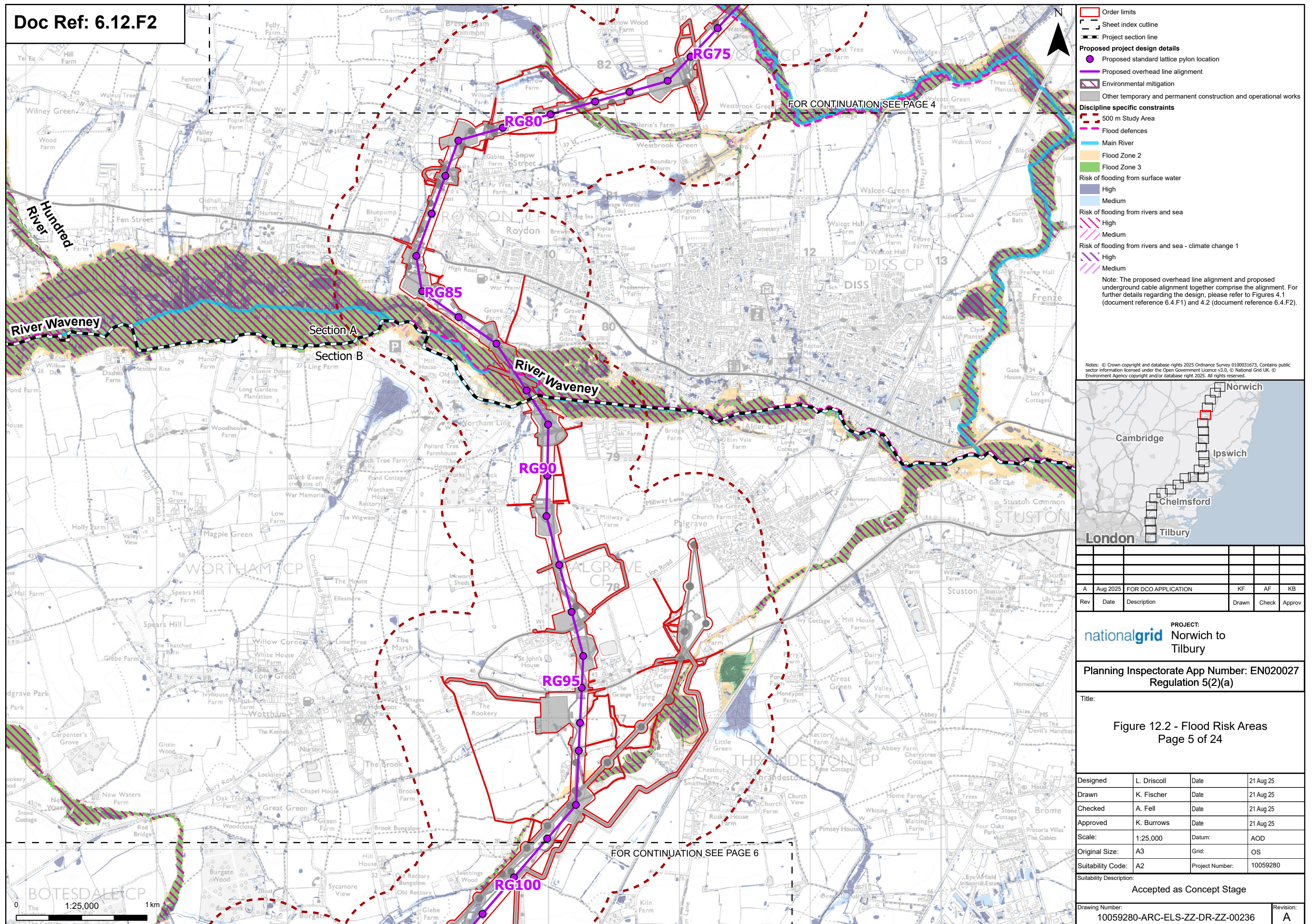
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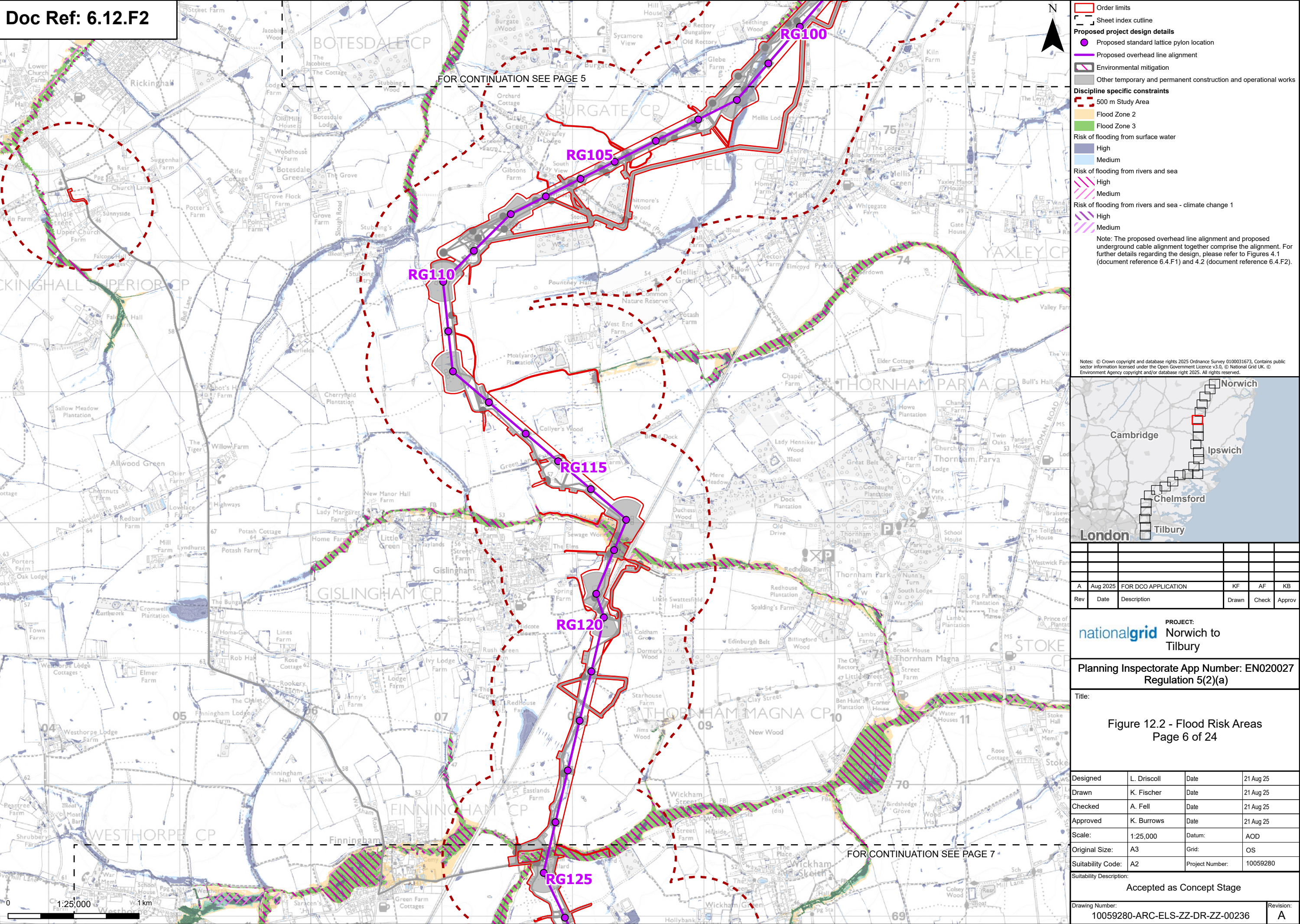
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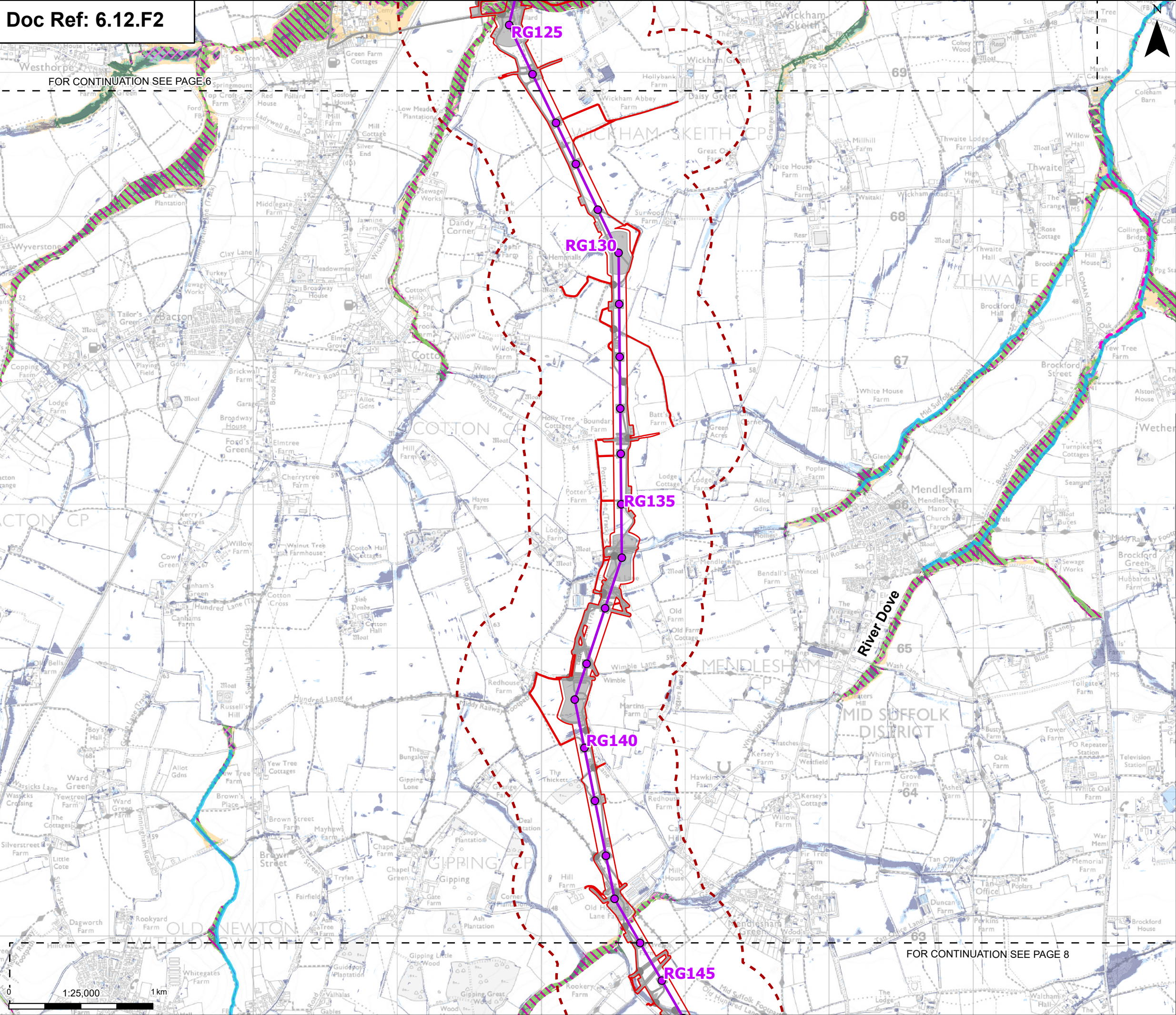
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Revision:
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Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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

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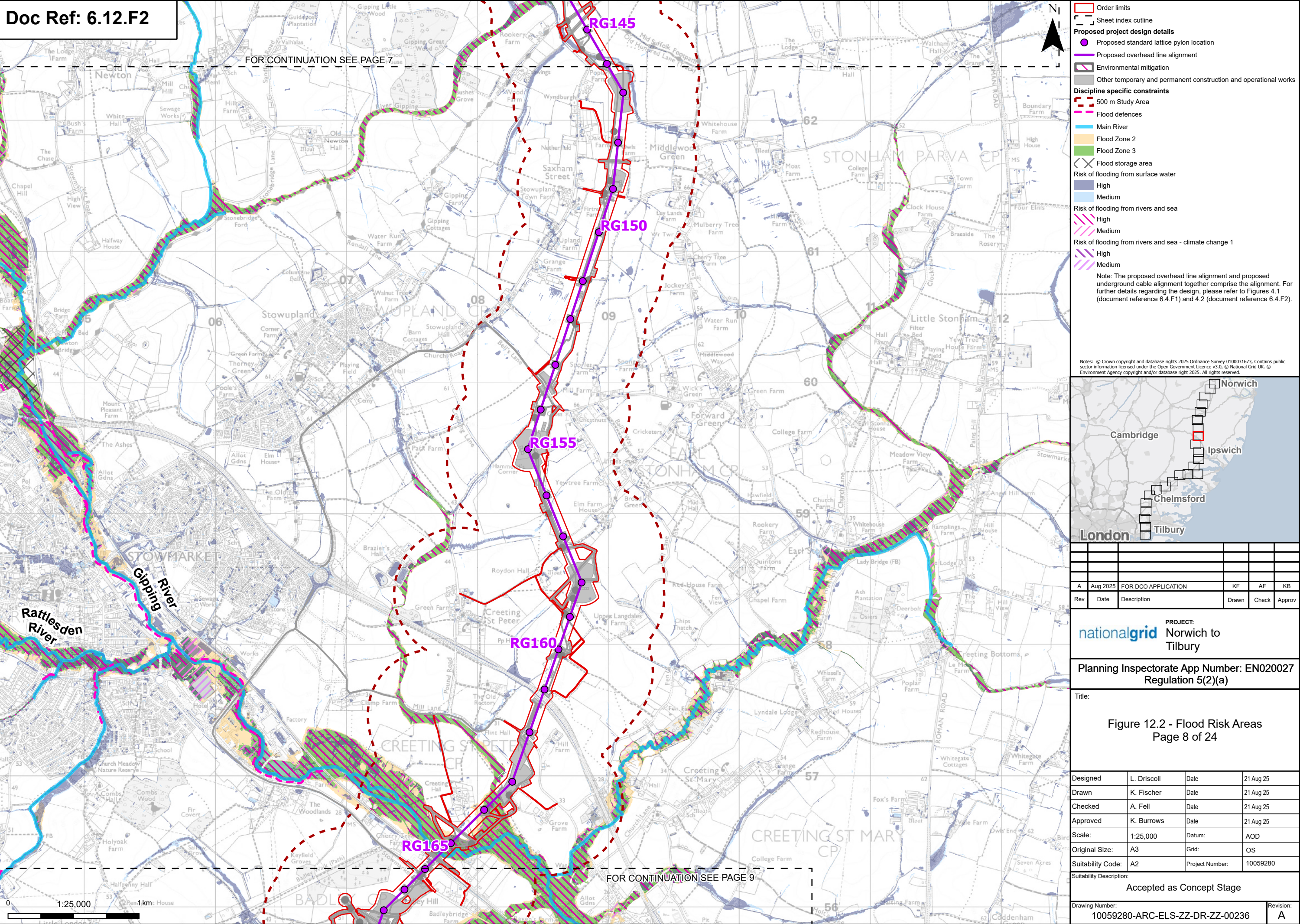
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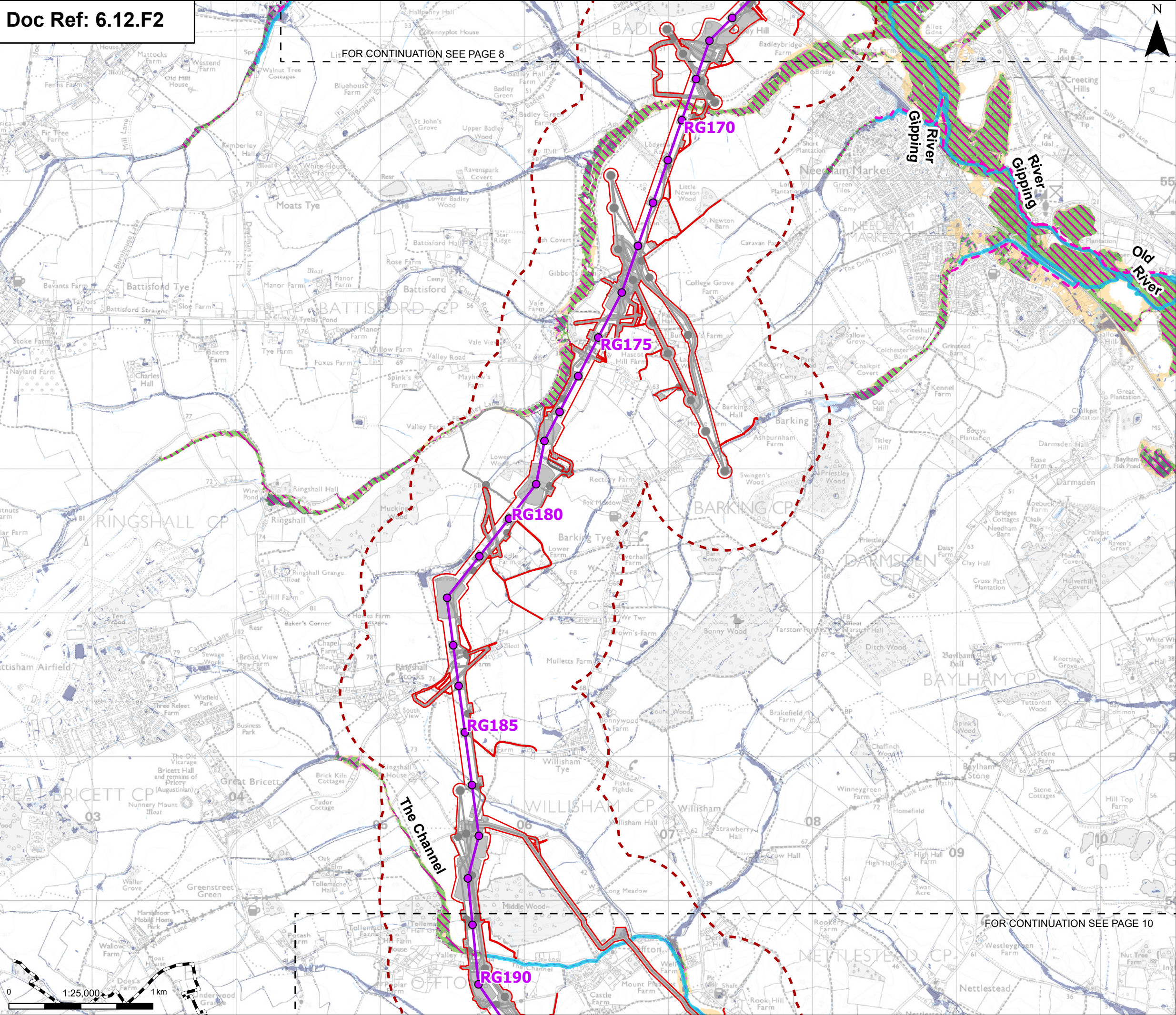
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Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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

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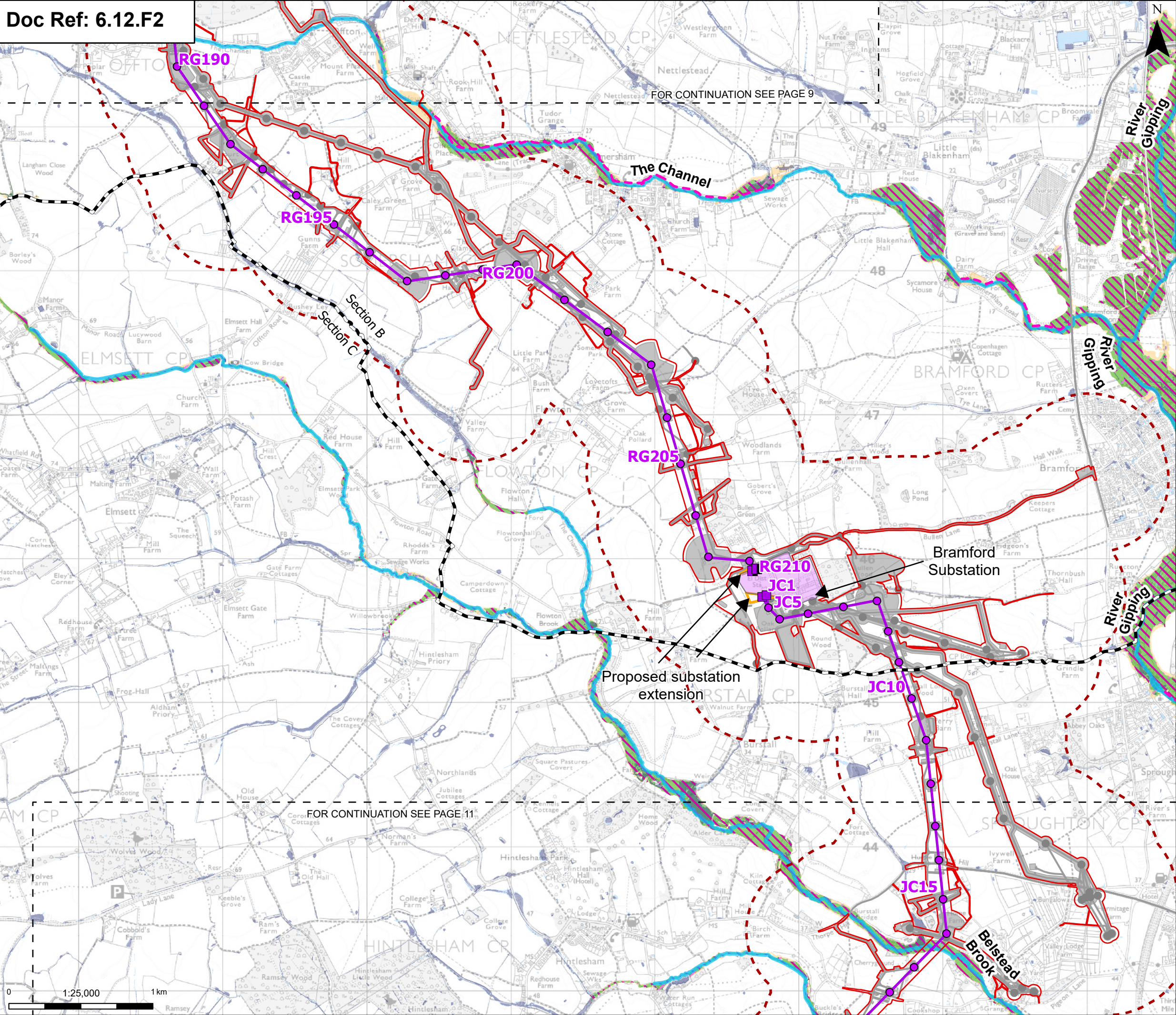
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Suitability Description:
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Order limits

Sheet index outline

Project section line

Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

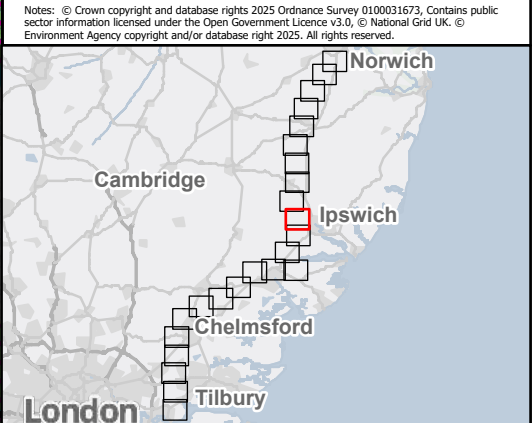
Risk of flooding from rivers and sea

- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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



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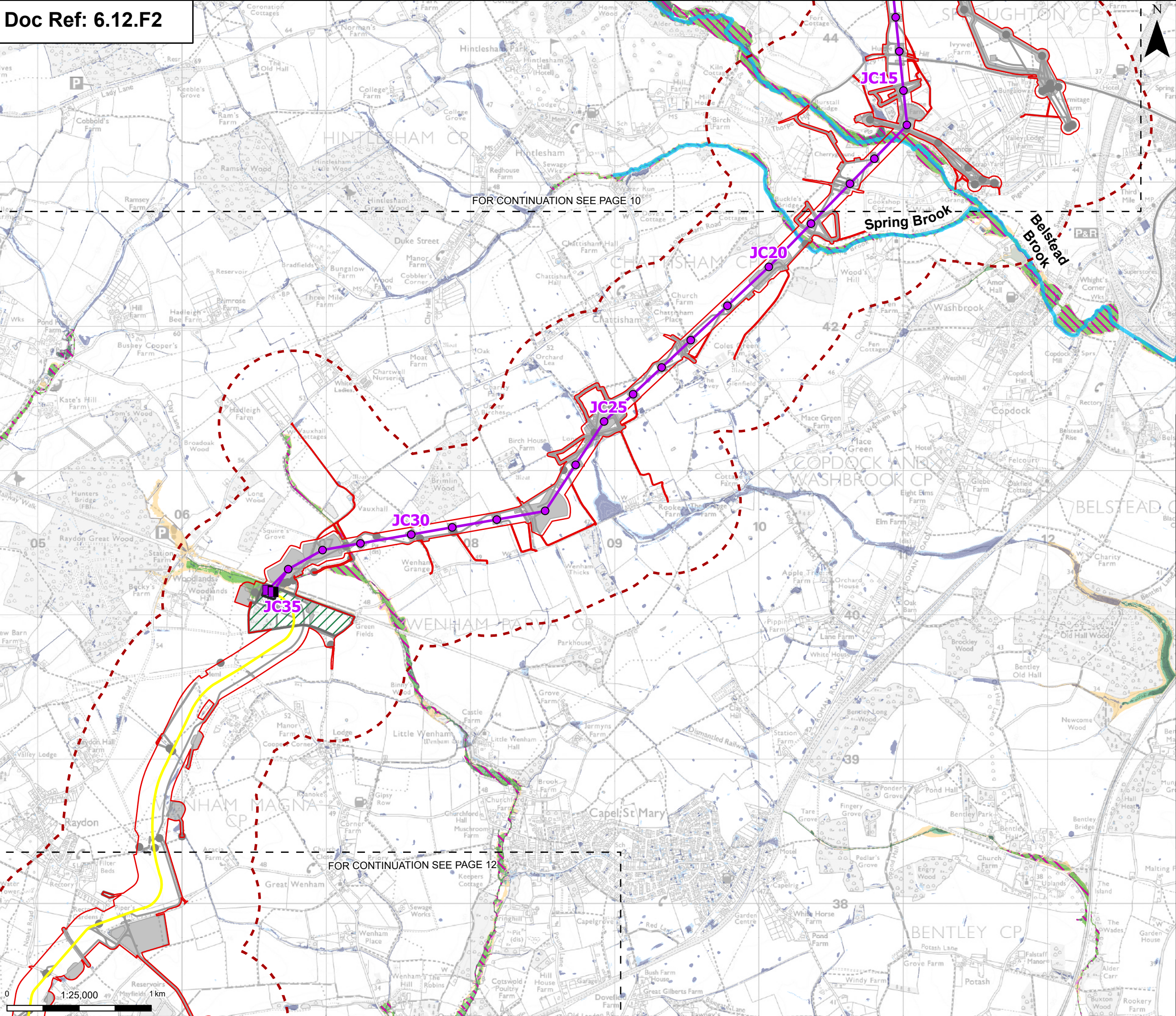
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Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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Proposed project design details

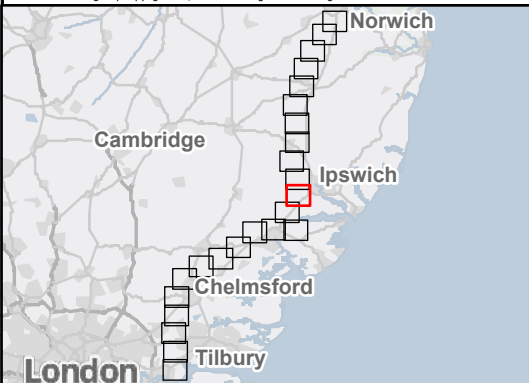
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 500 m Study Area
- Main River
- Flood Zone 2
- Flood Zone 3
- Risk of flooding from surface water
- High
- Medium
- Risk of flooding from rivers and sea
- High
- Medium
- Risk of flooding from rivers and sea - climate change 1
- High
- Medium

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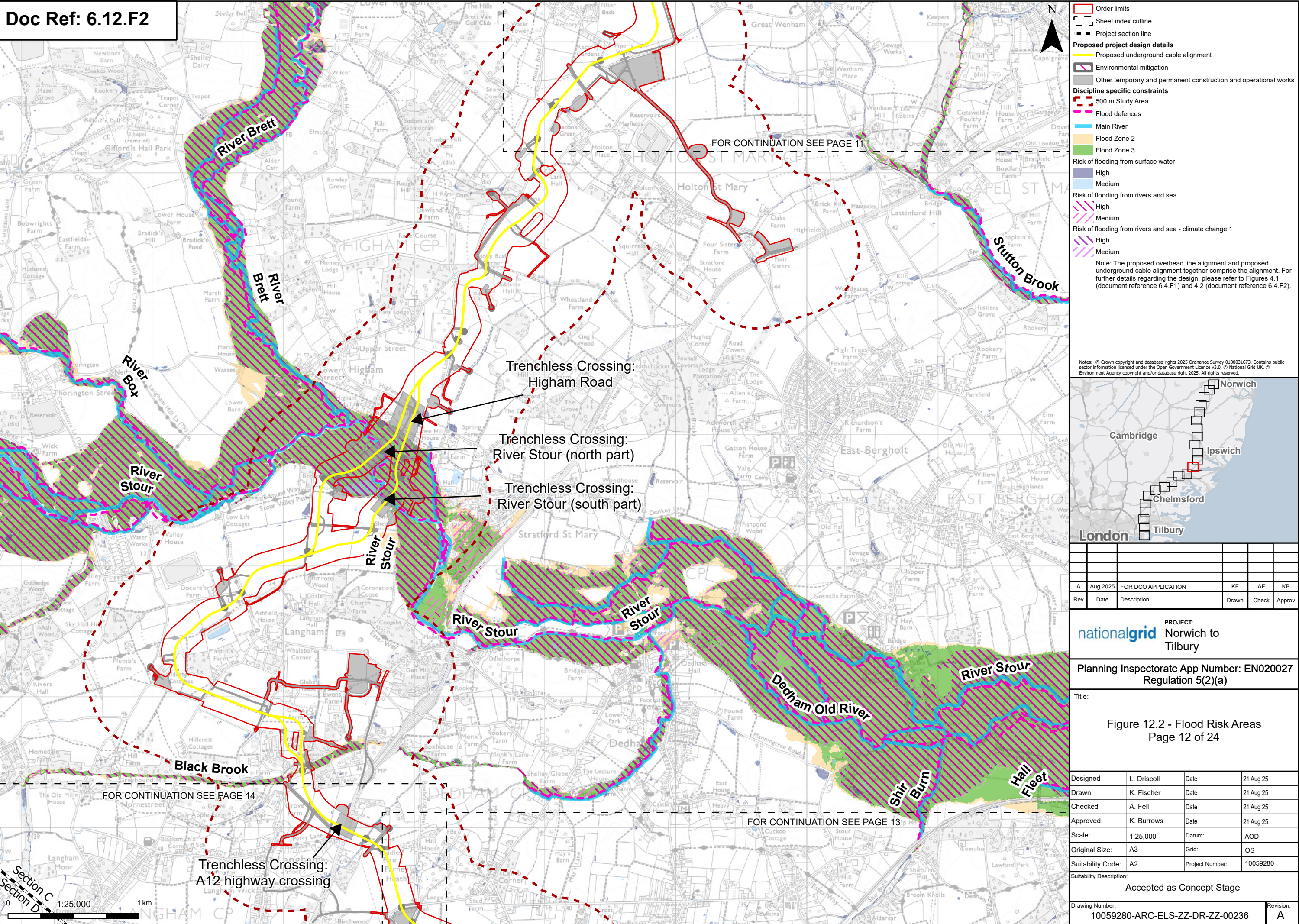
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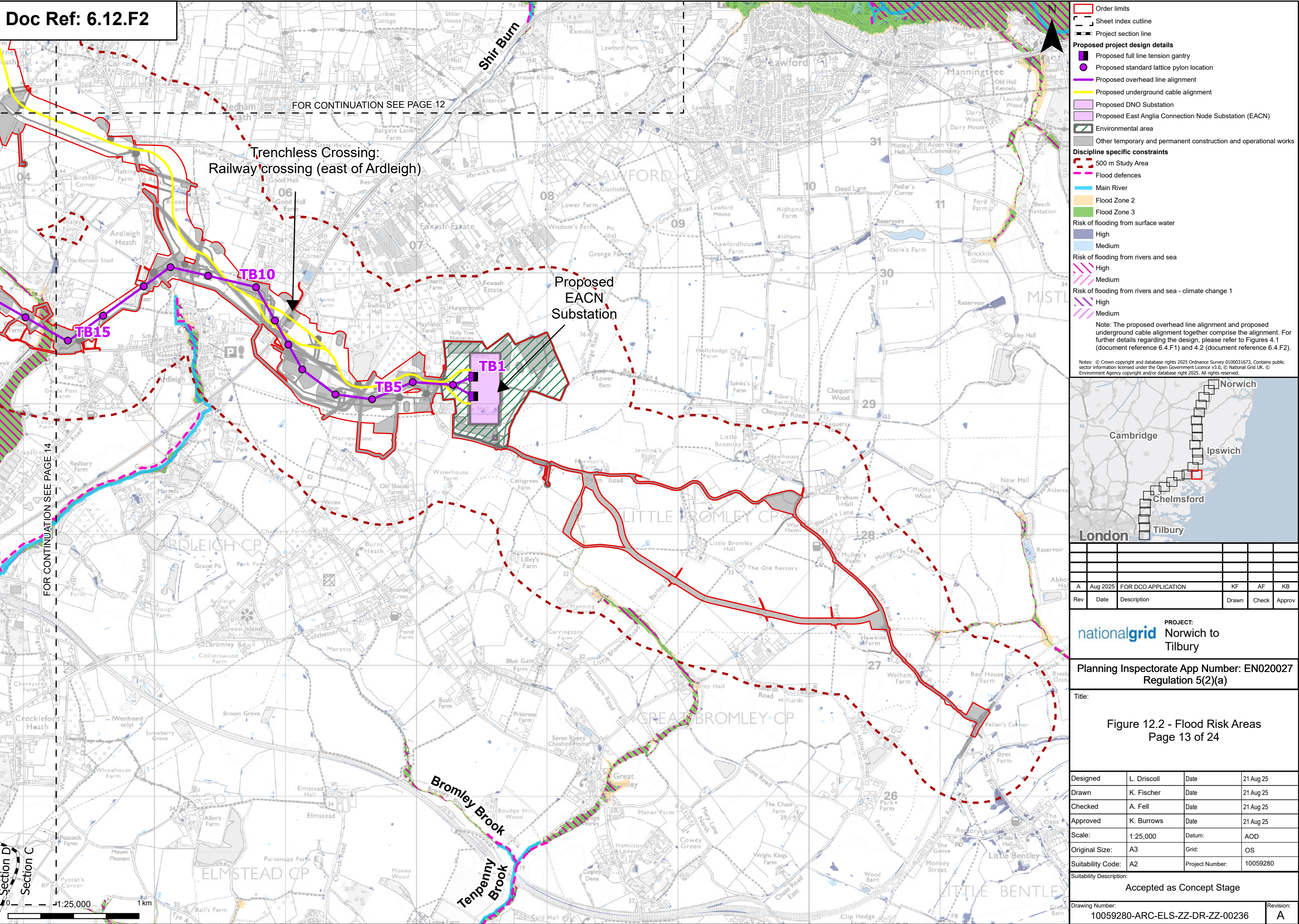
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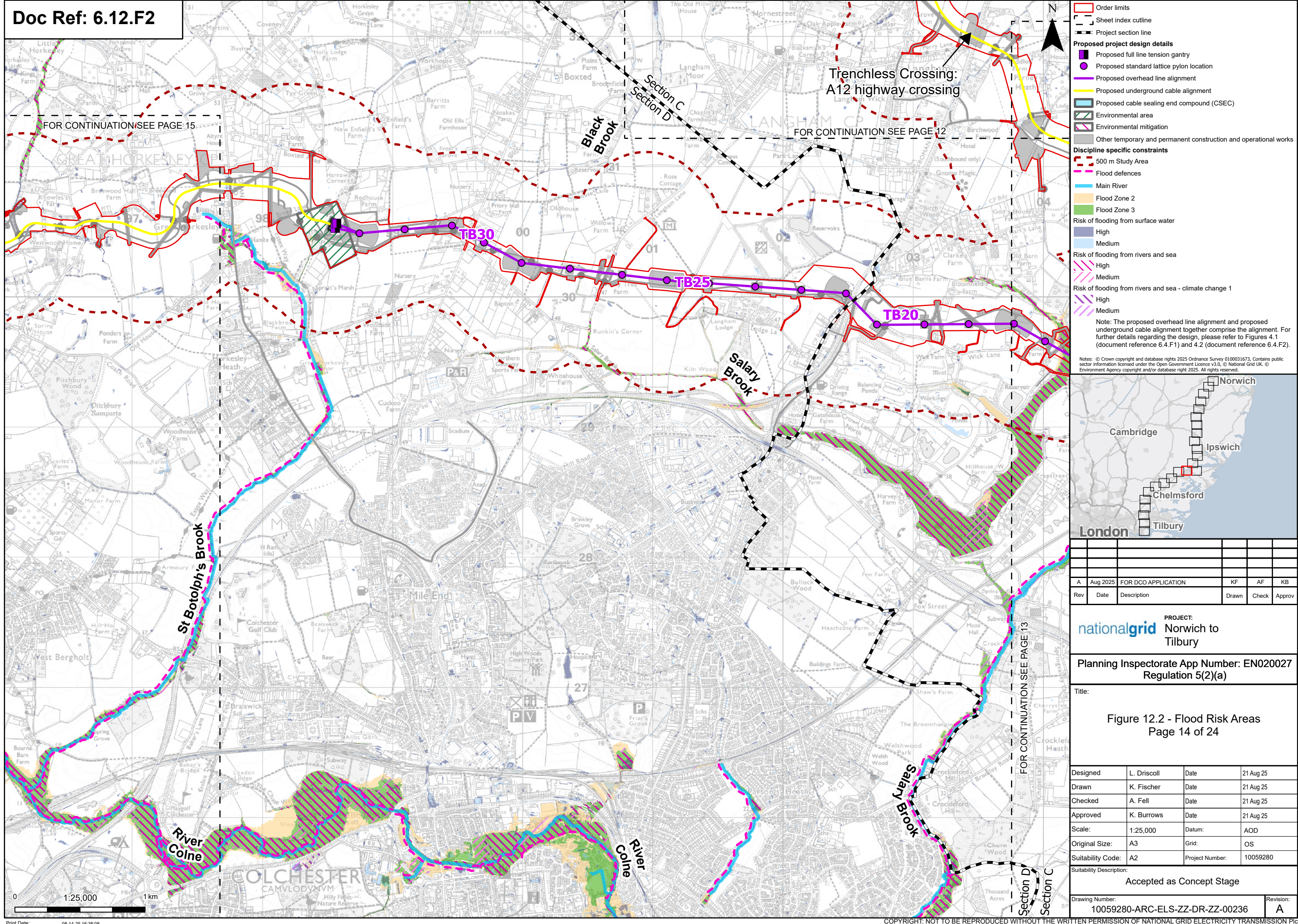
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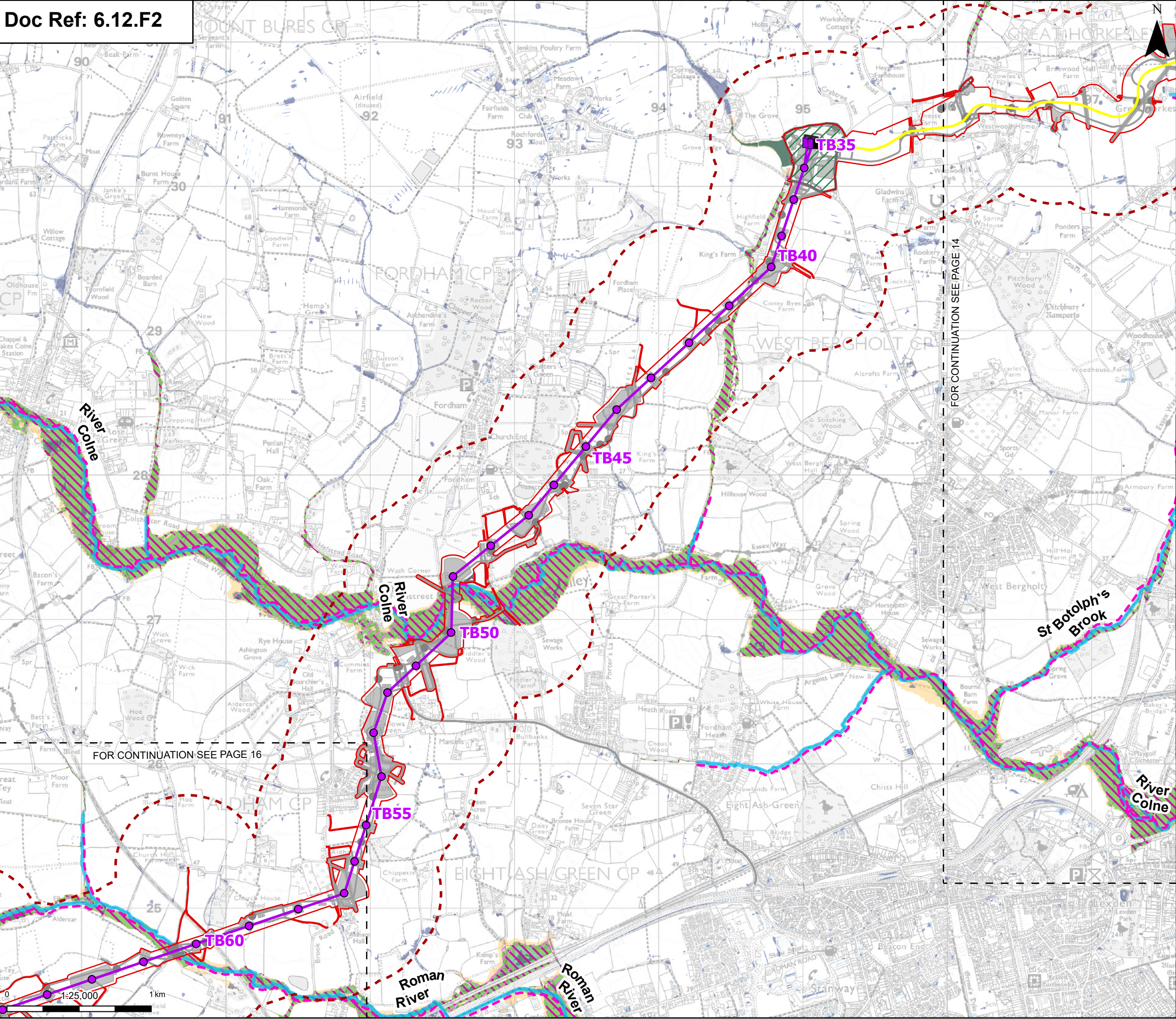
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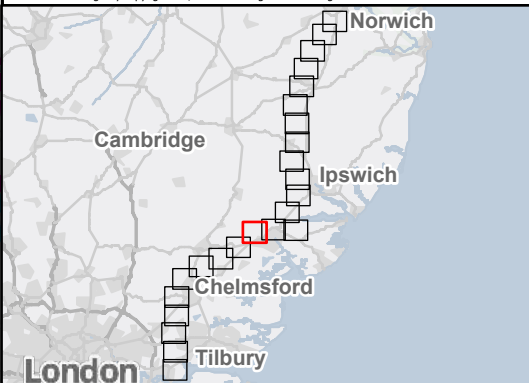
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3
- Risk of flooding from surface water
 - High
 - Medium
- Risk of flooding from rivers and sea
 - High
 - Medium
- Risk of flooding from rivers and sea - climate change 1
 - High
 - Medium

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

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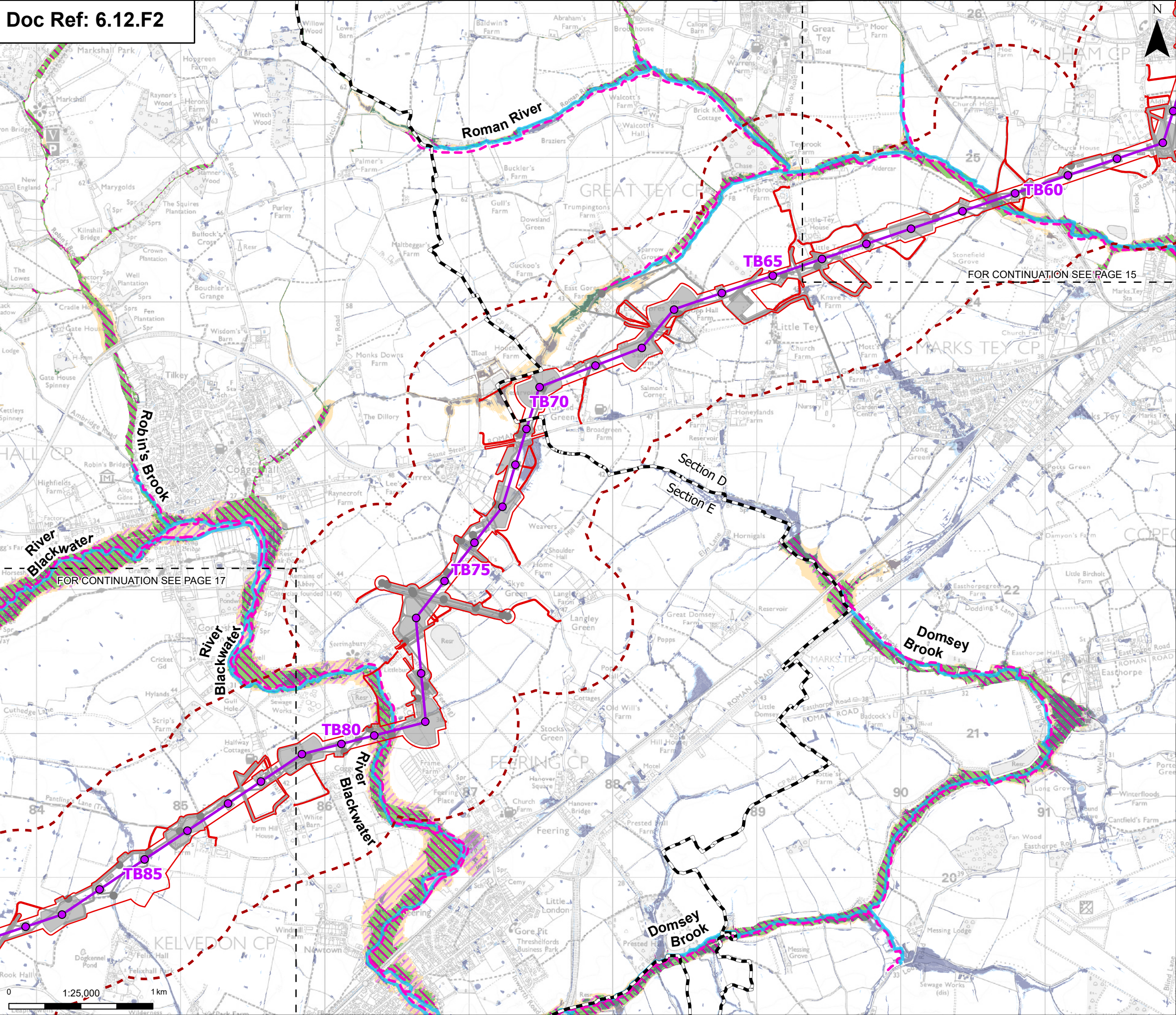
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- Project section line

Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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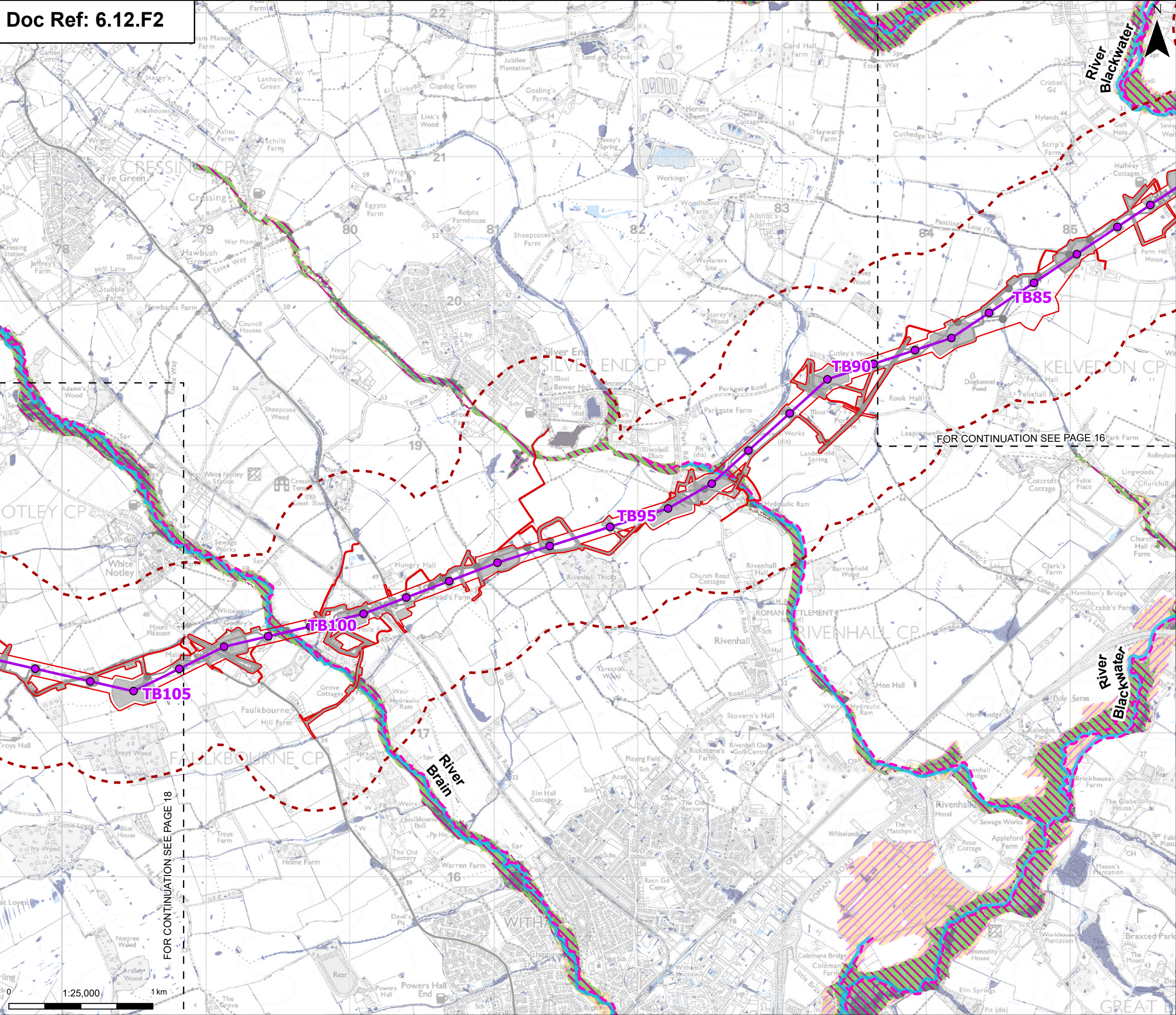
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

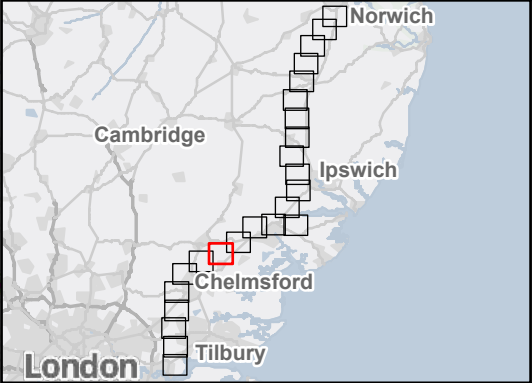
- High
- Medium

Risk of flooding from rivers and sea - climate change 1

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- Medium

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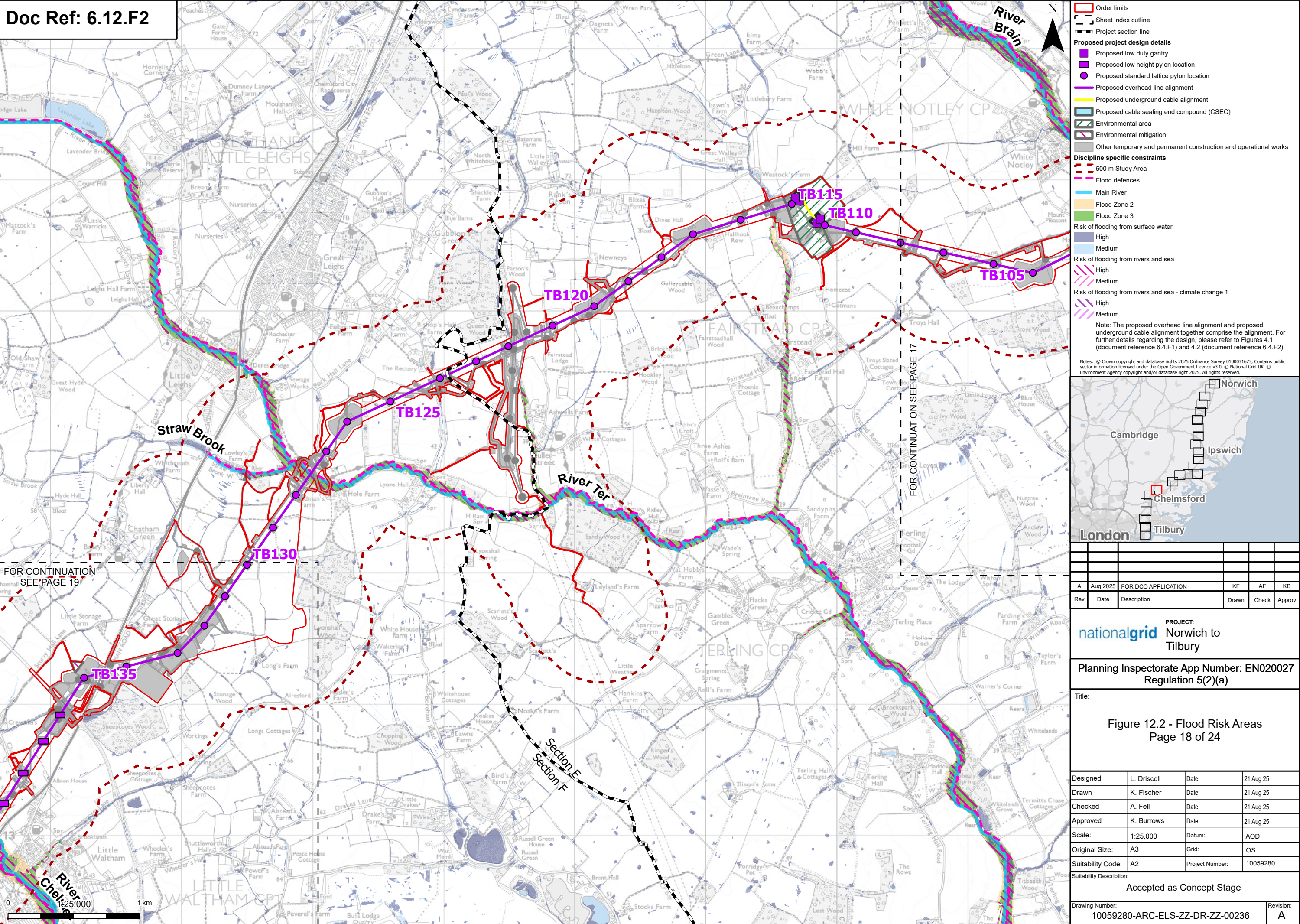
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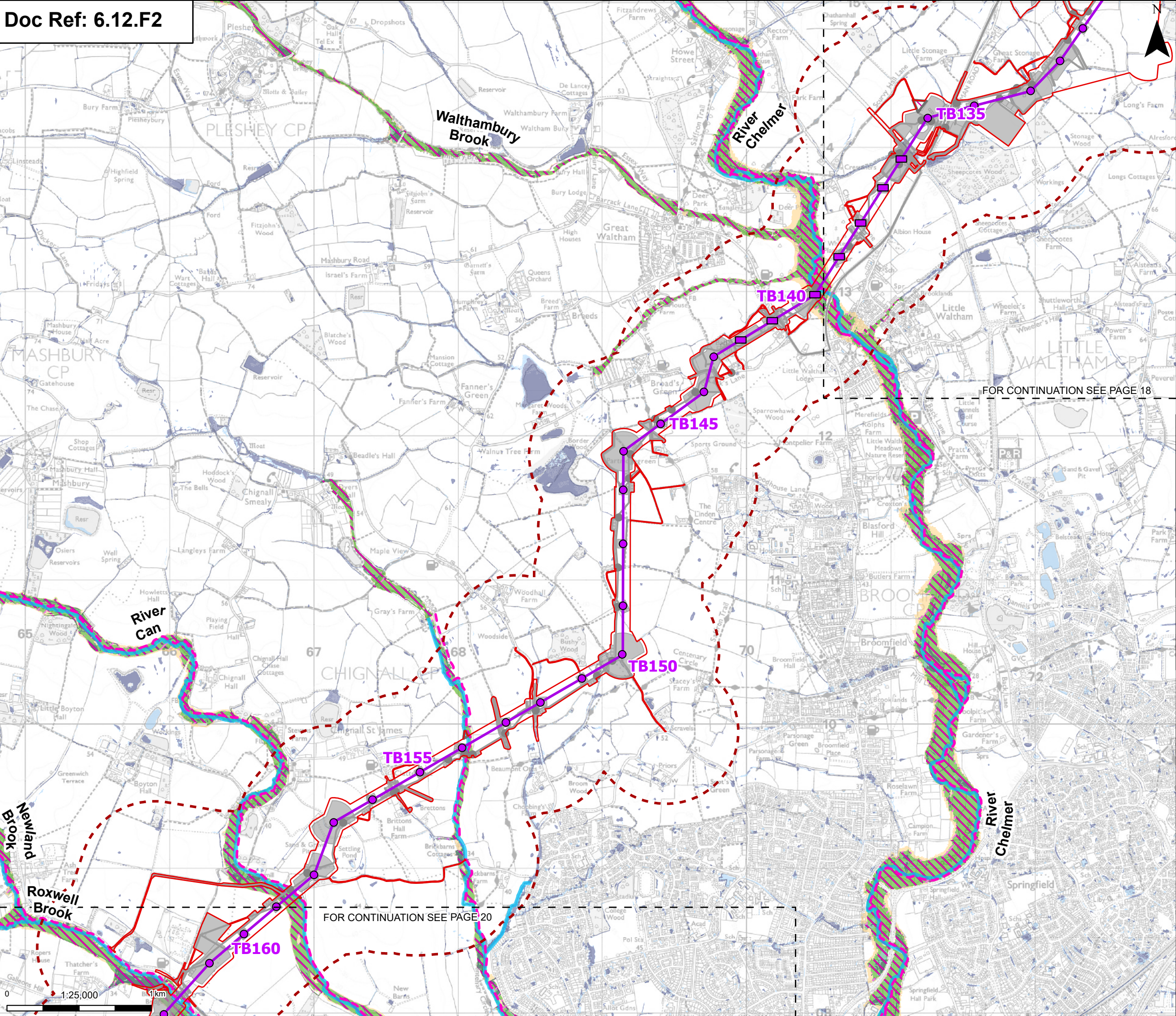
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Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

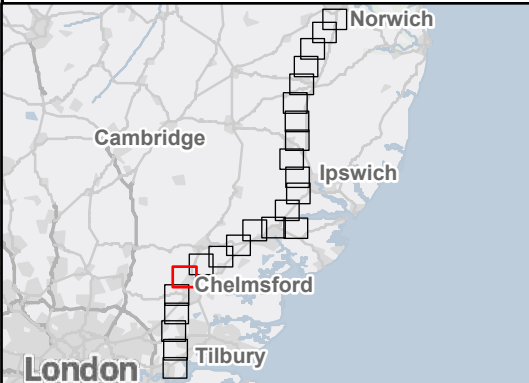
- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to
Tilbury

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

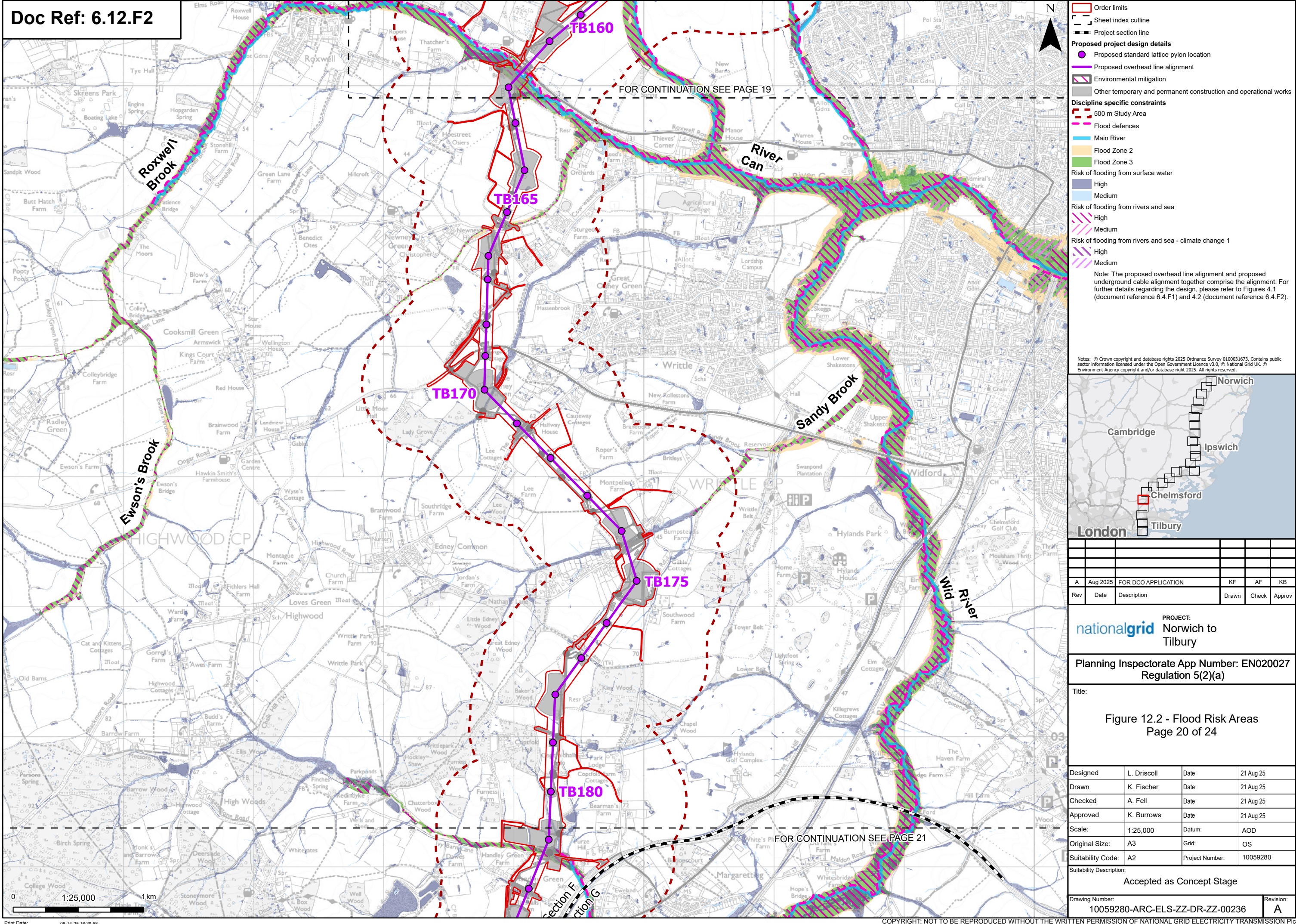
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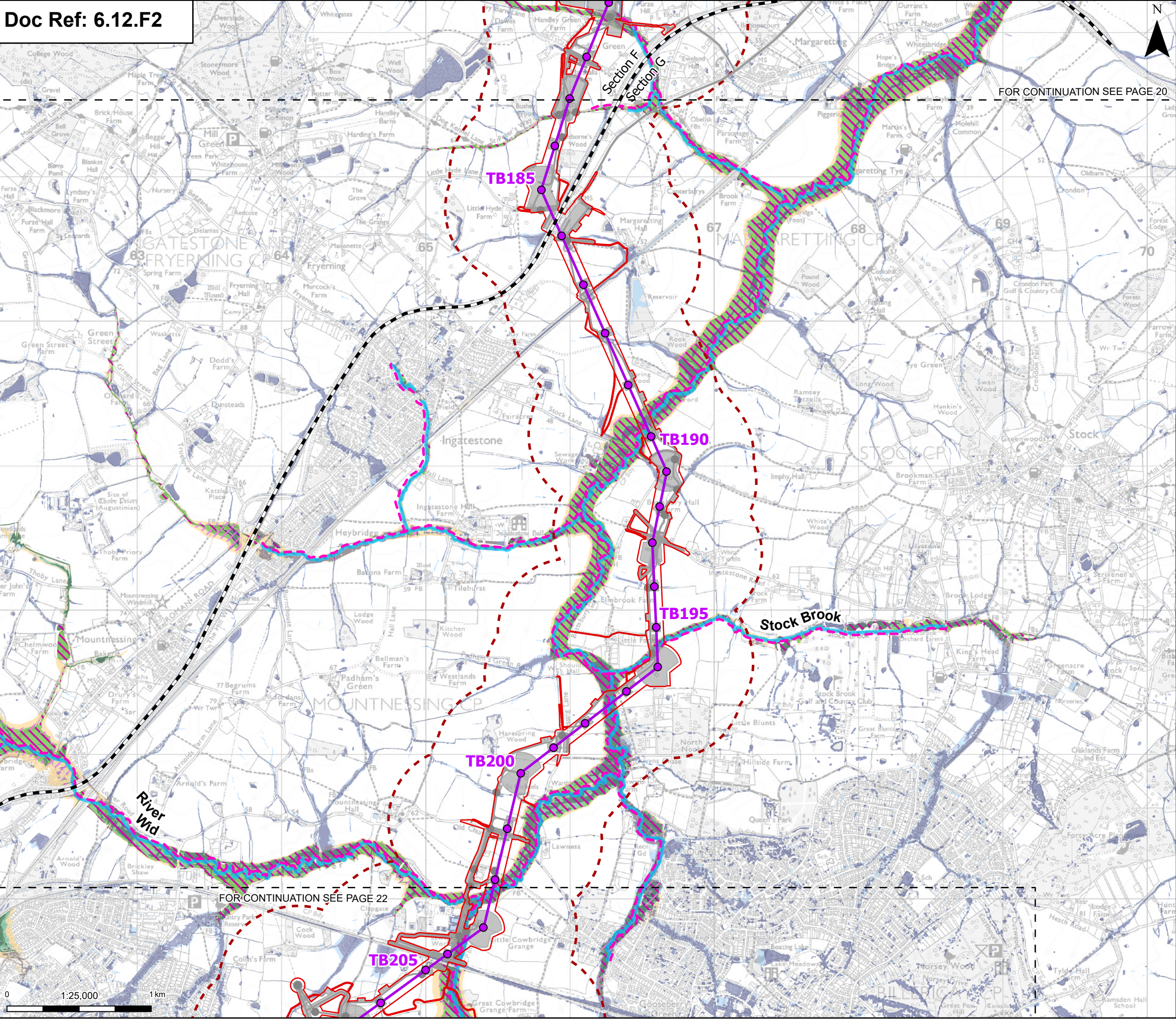
Figure 12.2 - Flood Risk Areas
Page 19 of 24

Designed	L. Driscoll	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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-00236	Revision: A
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Order limits

- Sheet index outline
- Project section line

Proposed project design details

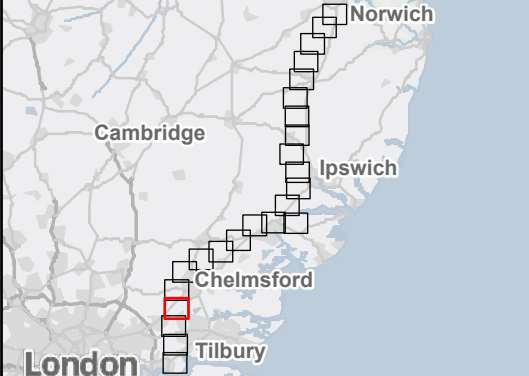
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3
- Risk of flooding from surface water
 - High
 - Medium
- Risk of flooding from rivers and sea
 - High
 - Medium
- Risk of flooding from rivers and sea - climate change 1
 - High
 - Medium

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

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Title:

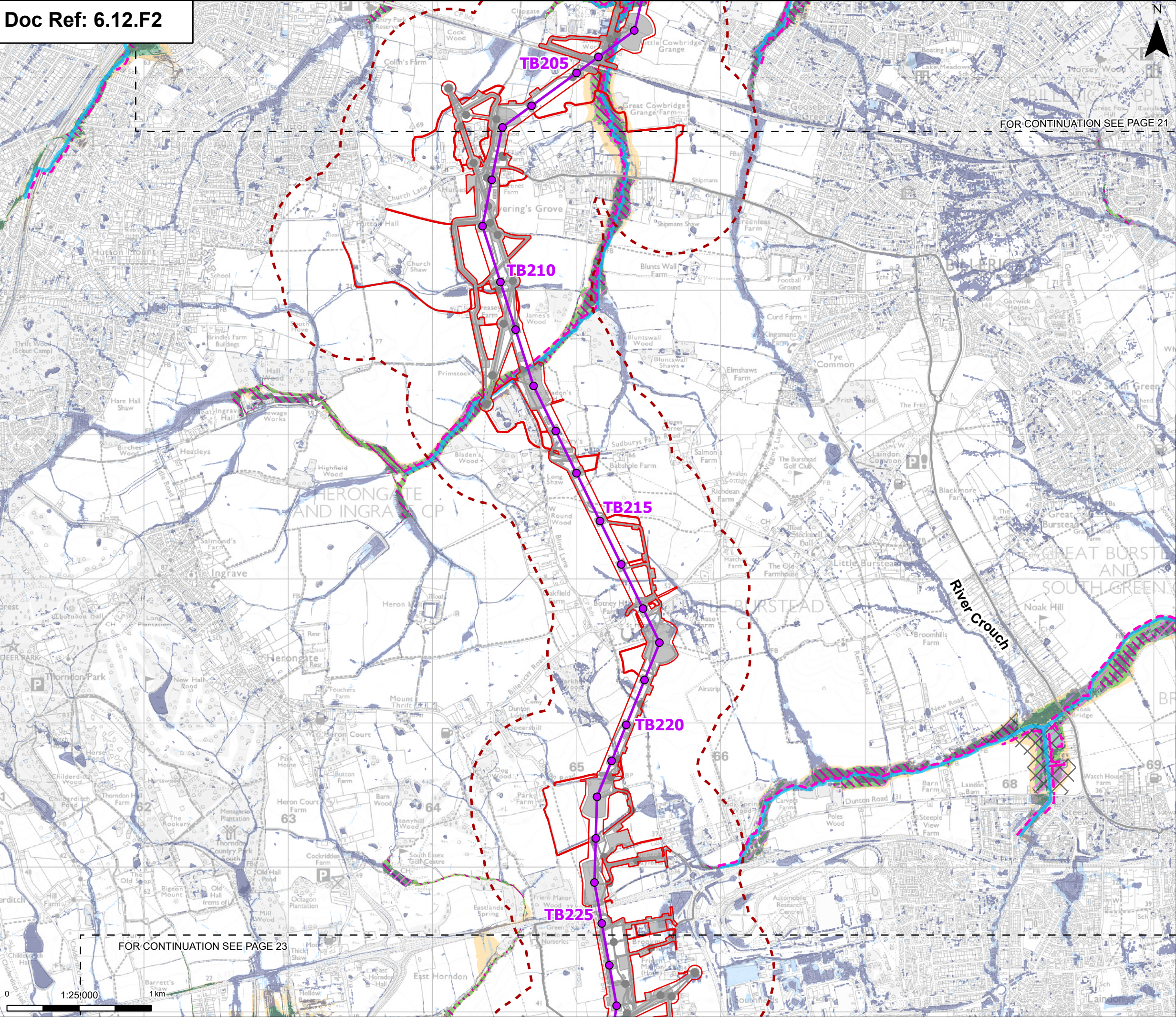
Figure 12.2 - Flood Risk Areas
Page 21 of 24

Designed	L. Driscoll	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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-00236

Revision:
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Order limits

Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- 500 m Study Area
- Flood defences
- Main River
- Flood Zone 2
- Flood Zone 3
- Flood storage area

Risk of flooding from surface water

- High
- Medium

Risk of flooding from rivers and sea

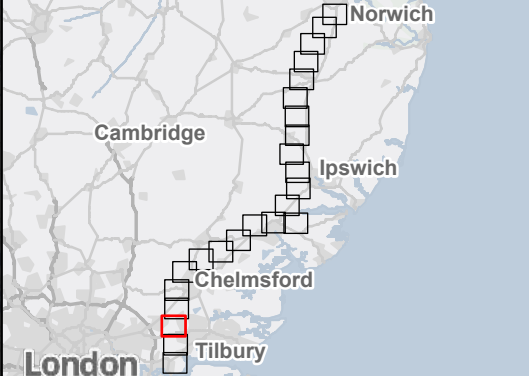
- High
- Medium

Risk of flooding from rivers and sea - climate change 1

- High
- Medium

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

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Title:

Figure 12.2 - Flood Risk Areas
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Designed	L. Driscoll	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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10059280-ARC-ELS-ZZ-DR-ZZ-00236

Revision:
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