

**The Great Grid Upgrade**

Norwich to Tilbury

# Preliminary Environmental Information Report

**Volume II – Figures**

April 2024

**nationalgrid**

AENC-NG-ENV-REP-0003



# Volume II: Contents

---

## Volume II - Part 1 of 27:

Figure 1.1 - Site Location and Project Sections

Figure 4.1 - Proposed Project Design

Figure 6.1 - Agriculture and Soils Study Area

Figure 6.2 - Provisional ALC Mapping

## Volume II - Part 2 of 27:

Figure 6.3 - Detailed ALC Mapping (Post-1988)

Figure 6.4 - Agri-environmental and Forestry Schemes

Figure 6.5 - Woodland Grant Schemes

## Volume II - Part 3 of 27:

Figure 6.6 - Soilscales 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)

## Volume II - Part 4 of 27:

Figure 7.4 - Air Quality Construction Dust Study Area

Figure 7.5 - Air Quality Affected Road Network

Figure 7.6 - Air Quality Verification

Figure 8.1 - Statutory Sites Designated for Biodiversity

## Volume II - Part 5 of 27:

Figure 8.2 - Non-Statutory Sites Designated for Biodiversity

Figure 9.1 - Superficial Geology

## Volume II - Part 6 of 27:

Figure 9.2 - Bedrock Geology

Figure 9.3 - Mineral Safeguarding Areas, Mineral Consultation Areas, and Minerals Infrastructure

Figure 9.4 - Geologically Designated Sites



#### **Volume II - Part 7 of 27:**

**Figure 9.5 - Hydrogeology and Hydrogeological Receptors**

**Figure 9.6 - Sites with a Moderate and Above Risk Classification**

**Figure 10.1 - Health and Wellbeing Study Area**

**Figure 10.2 - Health and Wellbeing Receptors**

**Figure 11.1 - Historic Environment Study Area**

#### **Volume II - Part 8 of 27:**

**Figure 11.2 - Designated Heritage Assets Within Study Area**

**Figure 11.3 - Non-Designated Heritage Assets**

**Figure 12.1 - Study Area and Water Environment Features**

#### **Volume II - Part 9 of 27:**

**Figure 12.2 - Flood Risk Areas**

**Figure 12.3 - Water Framework Surface Waterbody Status**

**Figure 13.1 - LVIA Study Area and Landscape Designations**

**Figure 13.2 - Landform and Drainage**

**Figure 13.3 - Trees and Woodland**

#### **Volume II - Part 10 of 27:**

**Figure 13.4 - Settlements and Infrastructure**

**Figure 13.5 - National Character Areas and East of England Typology**

**Figure 13.6 - Landscape Character Types and Landscape Character Areas**

**Figure 13.7 - Visual Receptors**

**Figure 13.8.1 to 13.8.11 - Zone of Theoretical Visibility (ZTV) of Project by Section / Cable Sealing End Compounds / Substations**

#### **Volume II - Part 11 of 27:**

**Figures 13.9.1 to 13.9.7 - Wireline Visualisations**

#### **Volume II - Part 12 of 27:**

**Figures 13.9.8 - 13.9.14 - Wireline Visualisations**

#### **Volume II - Part 13 of 27:**

**Figures 13.9.15 - 13.9.21 - Wireline Visualisations**

#### **Volume II - Part 14 of 27:**

**Figures 13.9.22 - 13.9.28 - Wireline Visualisations**



**Volume II - Part 15 of 27:**

**Figures 13.9.29 - 13.9.34 - Wireline Visualisations**

**Volume II - Part 16 of 27:**

**Figures 13.9.35 - 13.9.42 - Wireline Visualisations**

**Volume II - Part 17 of 27:**

**Figures 13.9.43 - 13.9.50 - Wireline Visualisations**

**Volume II - Part 18 of 27:**

**Figures 13.9.51 - 13.9.56 - Wireline Visualisations**

**Volume II - Part 19 of 27:**

**Figures 13.9.57 - 13.9.61 - Wireline Visualisations**

**Volume II - Part 20 of 27:**

**Figures 13.9.62 - 13.9.67 - Wireline Visualisations**

**Volume II - Part 21 of 27:**

**Figures 13.9.68 - 13.9.73 - Wireline Visualisations**

**Volume II - Part 22 of 27:**

**Figures 13.9.74 - 13.9.79 - Wireline Visualisations**

**Volume II - Part 23 of 27:**

**Figures 13.9.80 - 13.9.84 - Wireline Visualisations**

**Volume II - Part 24 of 27:**

**Figures 13.9.85 - 13.9.89 - Wireline Visualisations**

**Volume II - 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**

**Volume II - Part 26 of 27:**

**Figure 15.3 - Recreational Land and Recreational Routes**

**Figure 16.1 - Primary Access Routes**

**Figure 16.2 - Sensitive Receptors**



**Volume II - Part 27 of 27:**

**Figure 16.3 - Collision Data**

**Figure 17.1 - Cumulative Long List of Other Developments**

**Figure 17.2 - Cumulative Short List of Other Developments**



# Volume II: Figures

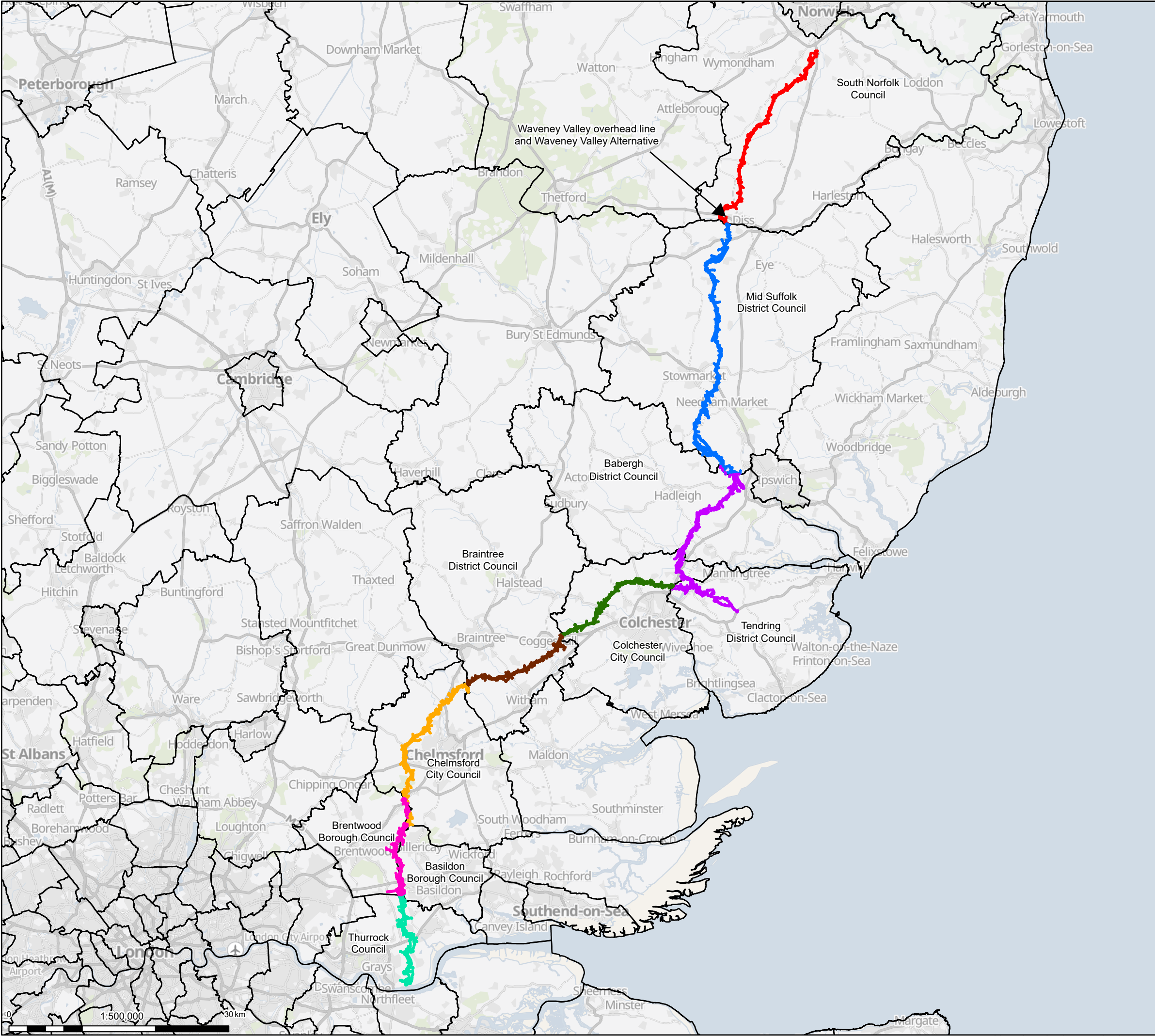
## Part 1 of 27:

Figure 1.1 - Site Location and Project Sections

Figure 4.1 - Proposed Project Design

Figure 6.1 - Agriculture and Soils Study Area

Figure 6.2 - Provisional ALC Mapping



Legend

Draft order limits - project sections

- Section A: South Norfolk Council
- Section B: Mid Suffolk District Council
- Section C: Babergh District Council, Colchester City Council and Tendring District Council
- Section D: Colchester City Council
- Section E: Braintree District Council
- Section F: Chelmsford City Council
- Section G: Brentwood Borough Council and Basildon Borough Council
- Section H: Thurrock Council
- Local Authority Boundary

Notes: GB Background: Contains OS data © Crown Copyright and database right 2023  
Contains data from OS Zoomstack. Ordnance Survey 0100031673  
Contains public sector information licensed under the Open Government Licence v3.0

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

PROJECT:  
**NORWICH TO  
TILBURY**

Title:

**Figure 1.1 - Introduction -  
Site Location Plan and  
Project Sections**

Designed	J. Glynn	Date:	April 2024
Drawn	K. Fischer	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:	S2	Project Number:	10059280

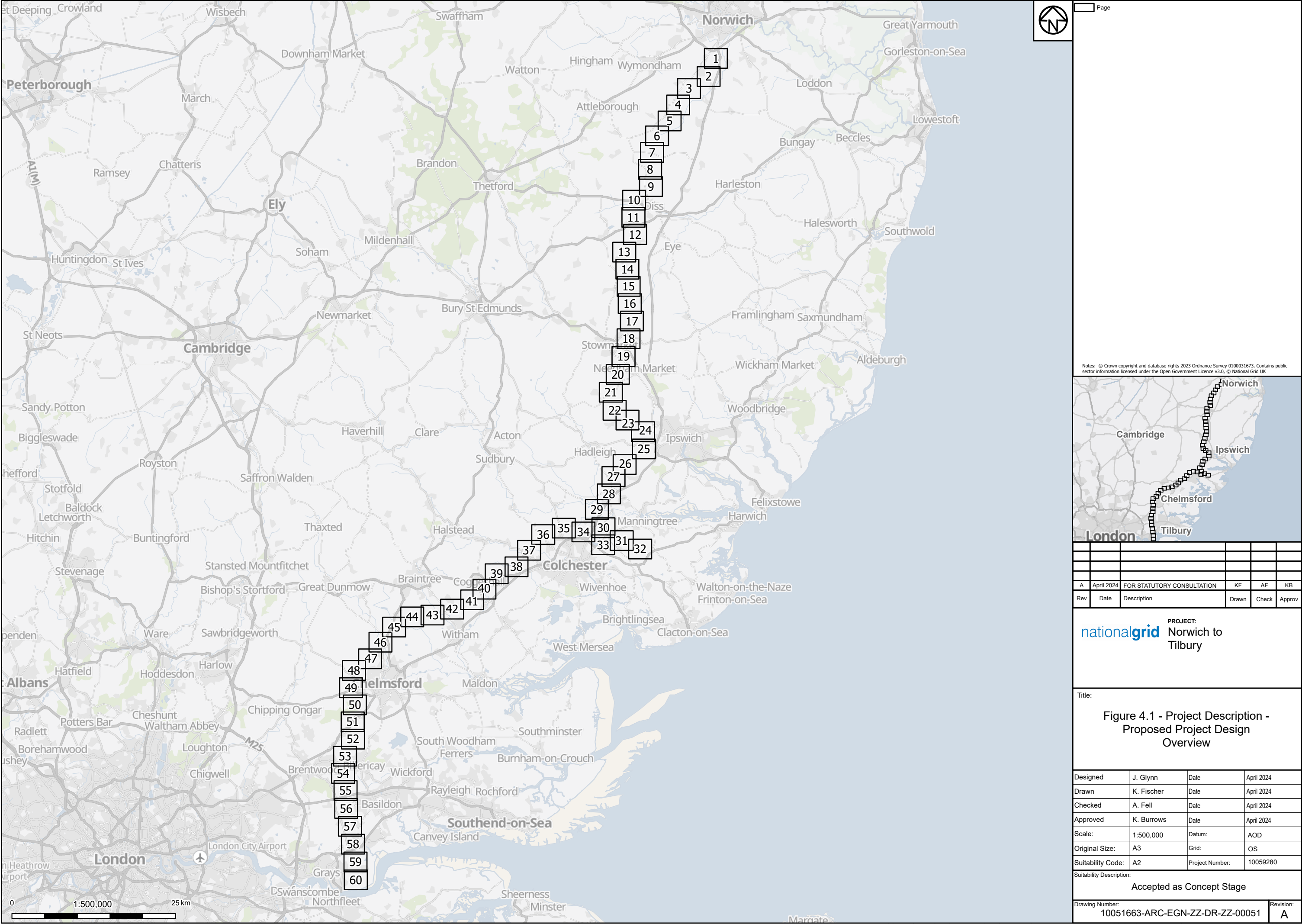
Suitability Description:

**Suitable for Information**

Drawing Number:  
**10051663-ARC-EGN-ZZ-DR-ZZ-00046**

Revision:  
**A**





Page

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

PROJECT:

nationalgrid

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design Overview

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	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:

10051663-ARC-EGN-ZZ-DR-ZZ-00051

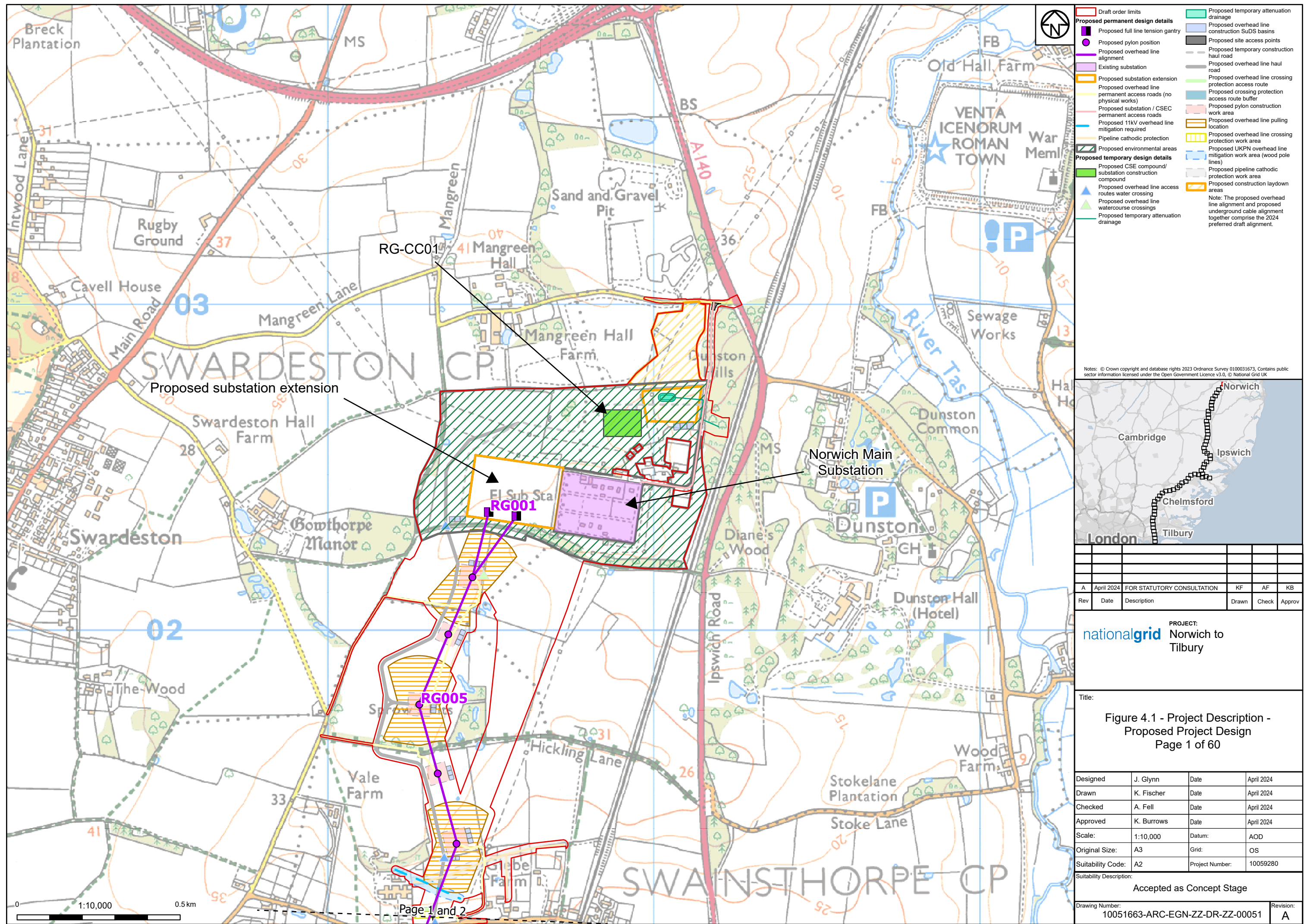
Revision:

A

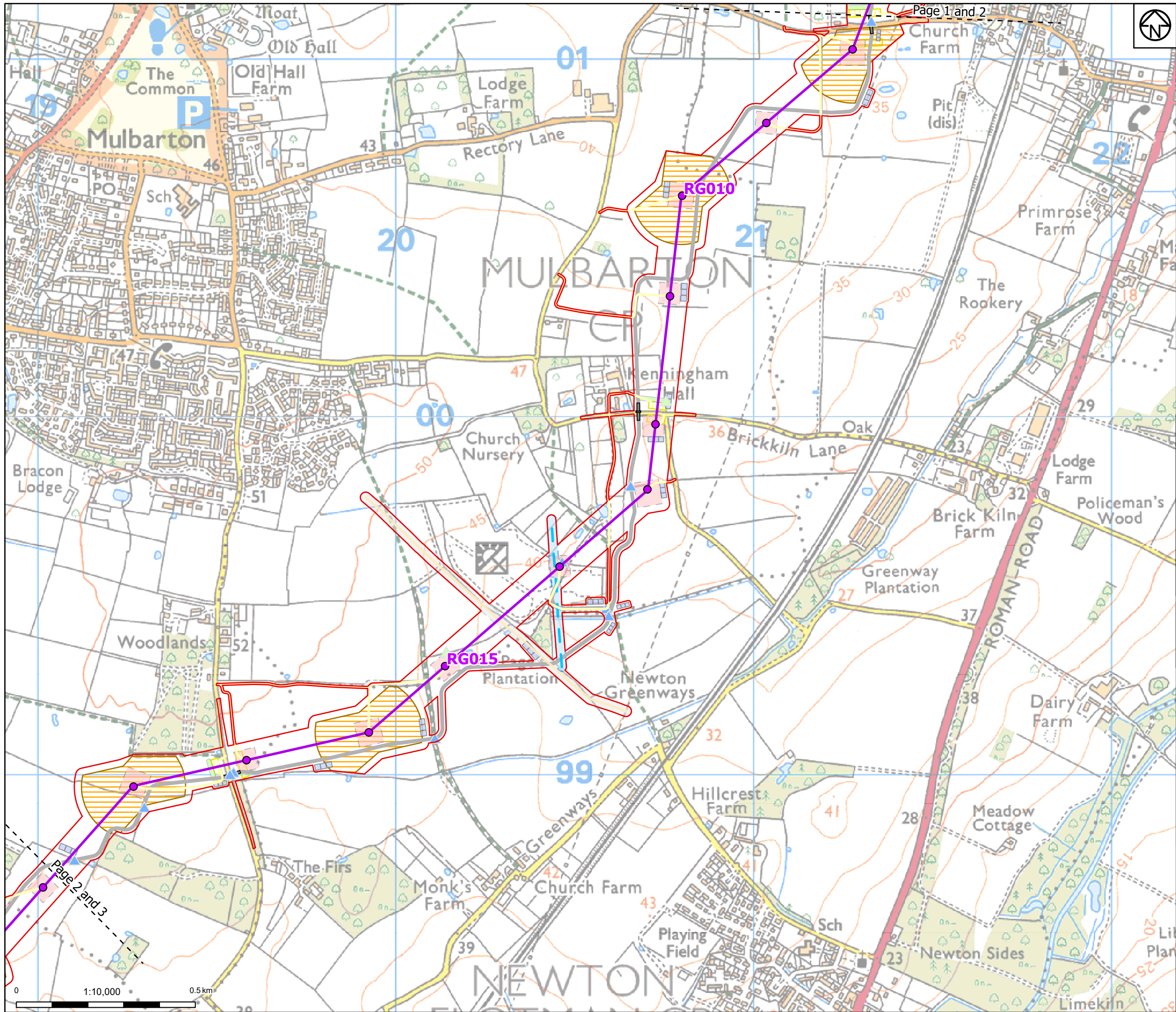
Print Date: 03-18-24 10:46:49

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC









Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line watercourse crossings

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

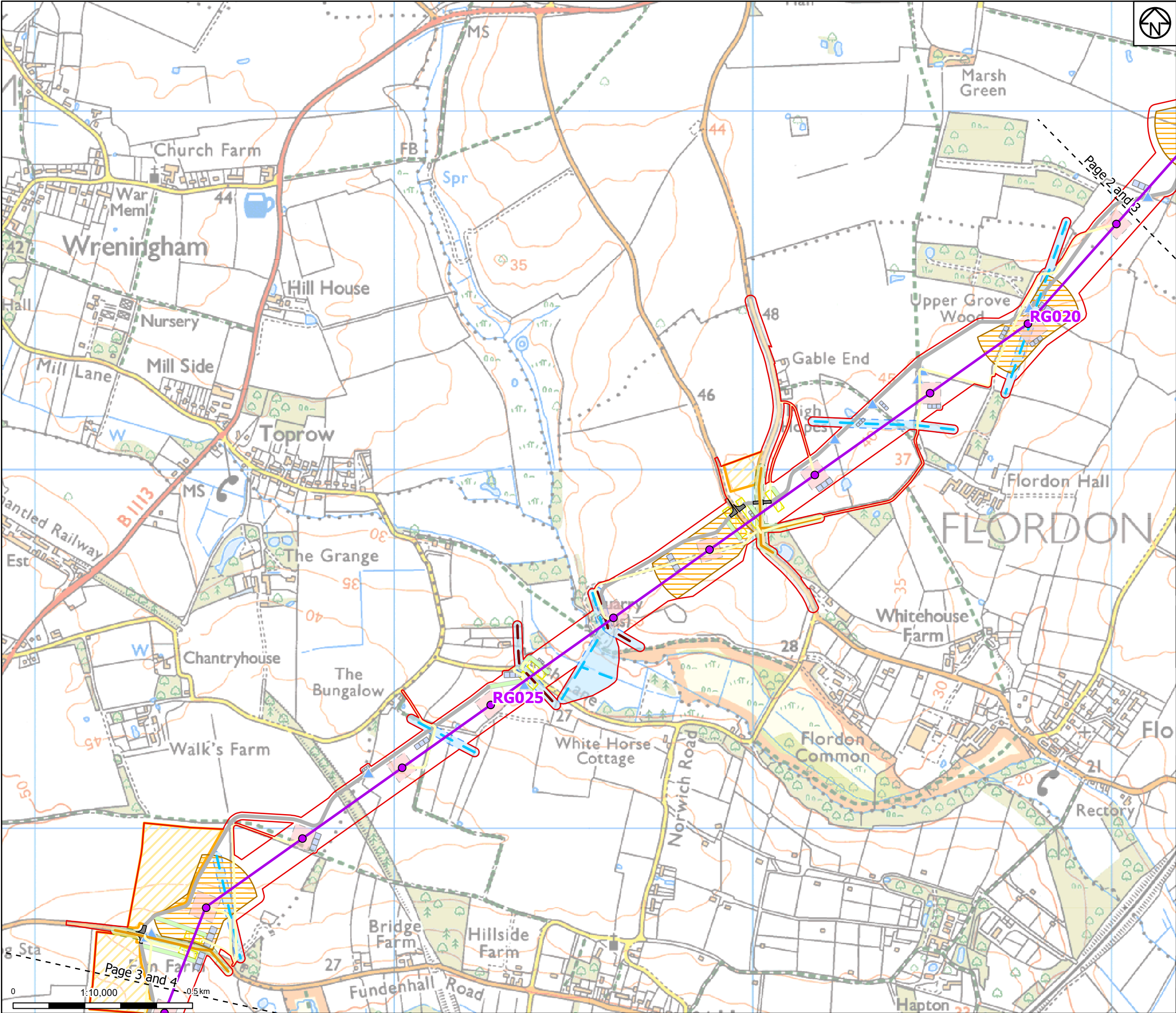
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 2 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 3 of 60

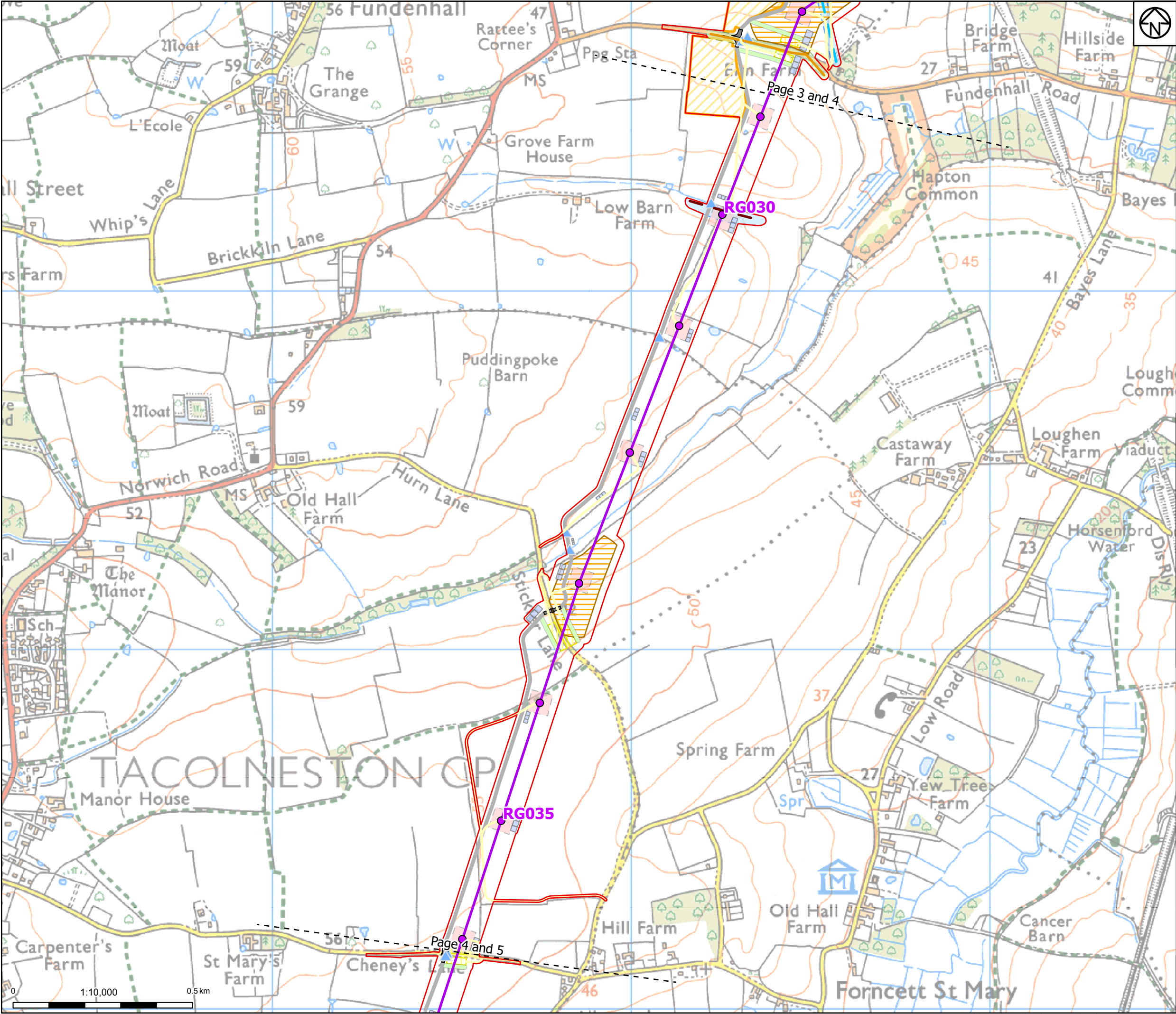
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

Revision:  
A





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

BT overhead line mitigation

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

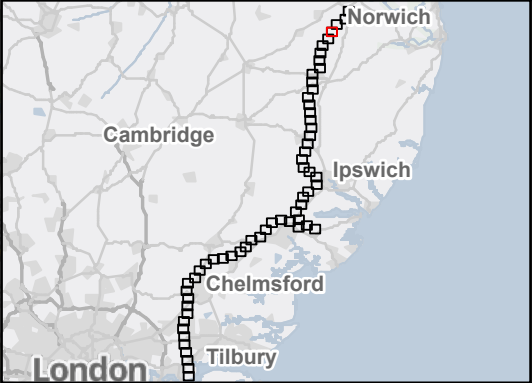
Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:

Norwich to Tilbury

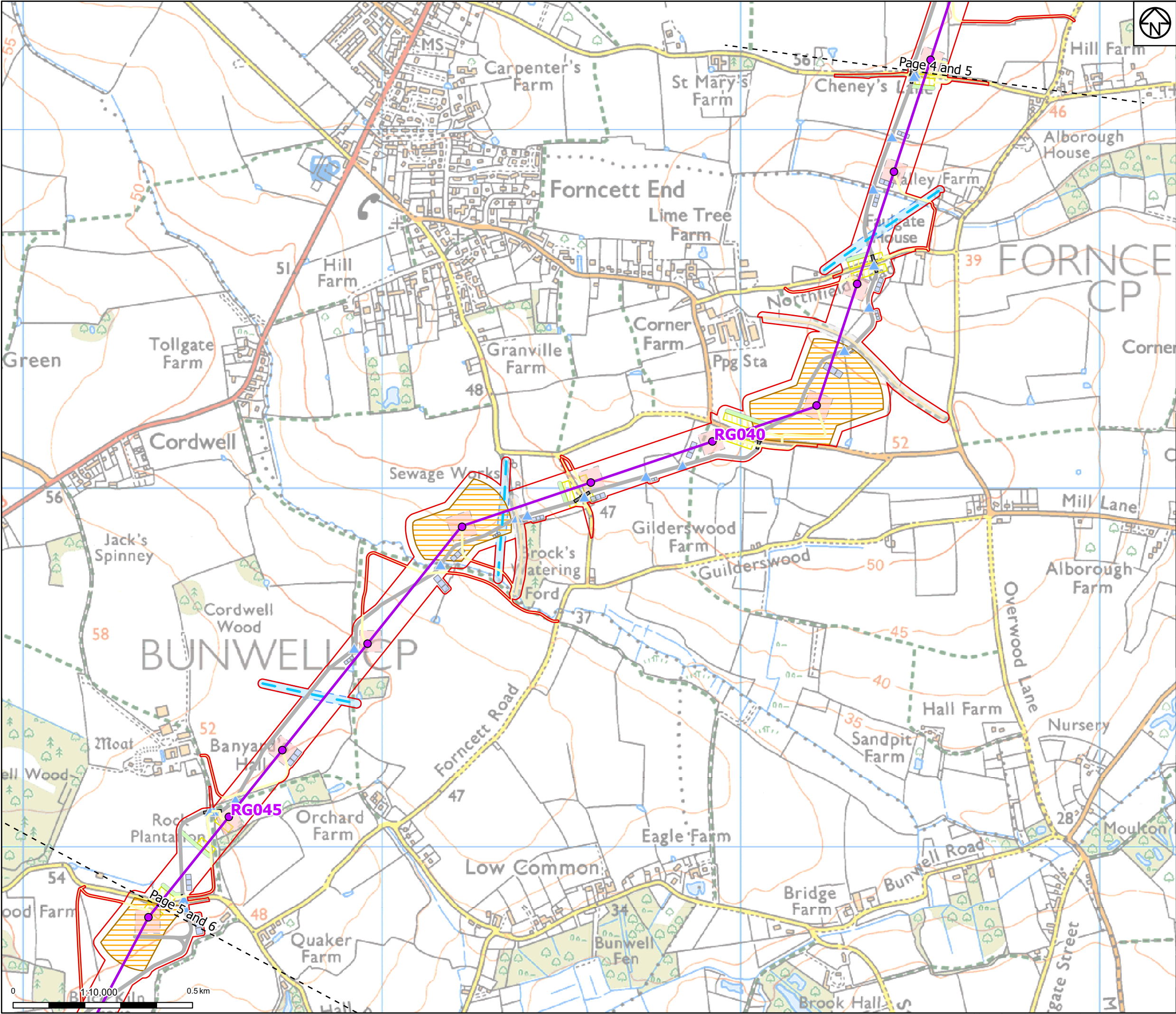
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 4 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

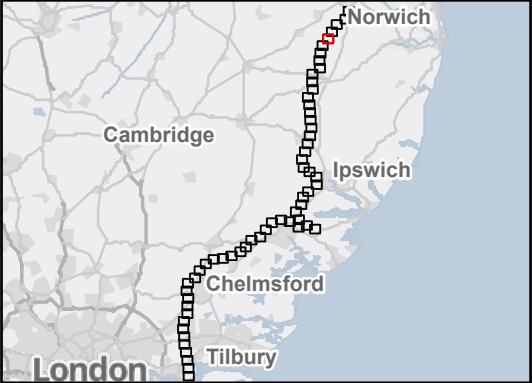
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

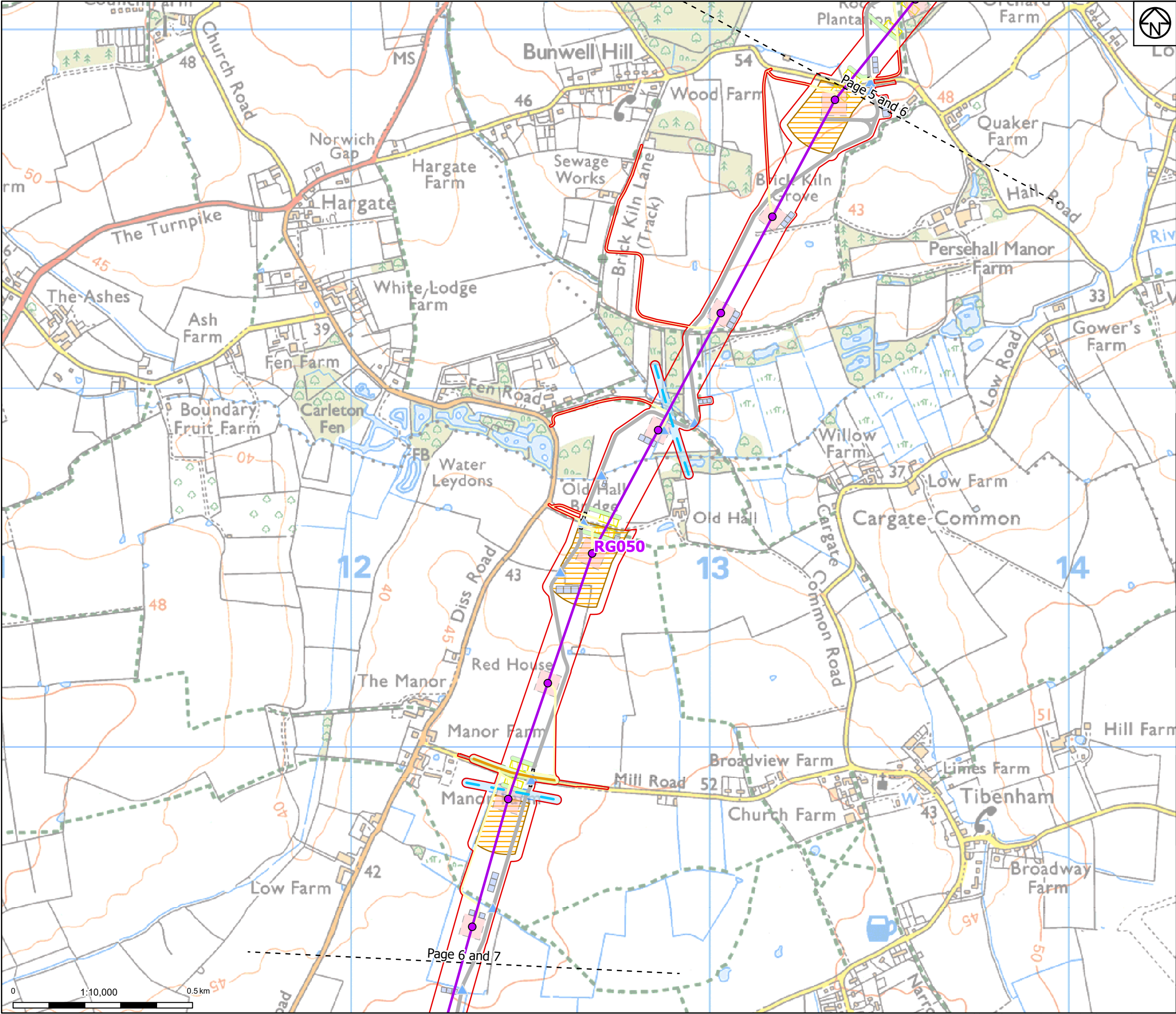
Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 5 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

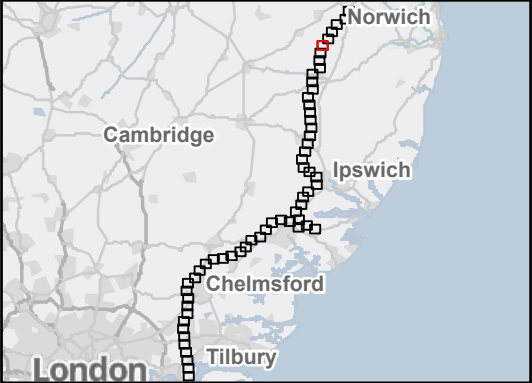
Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

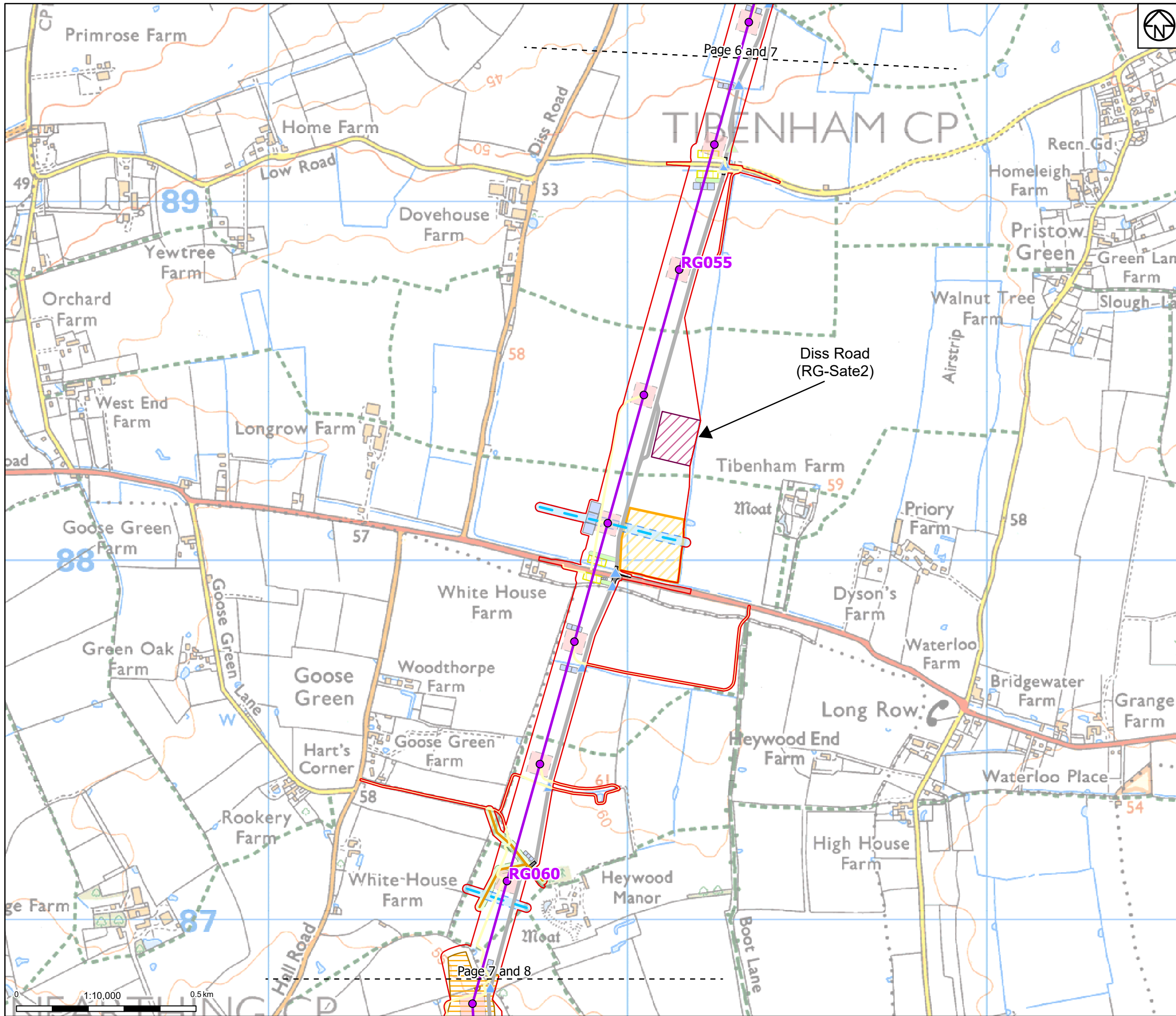
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 6 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Proposed temporary design details

Satellite construction compound

Proposed overhead line access routes water crossing

Proposed overhead line watercourse crossings

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

Norwich

Cambridge

Ipswich

Chelmsford

Tilbury

London

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

nationalgrid

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design Page 7 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:

10051663-ARC-EGN-ZZ-DR-ZZ-00051

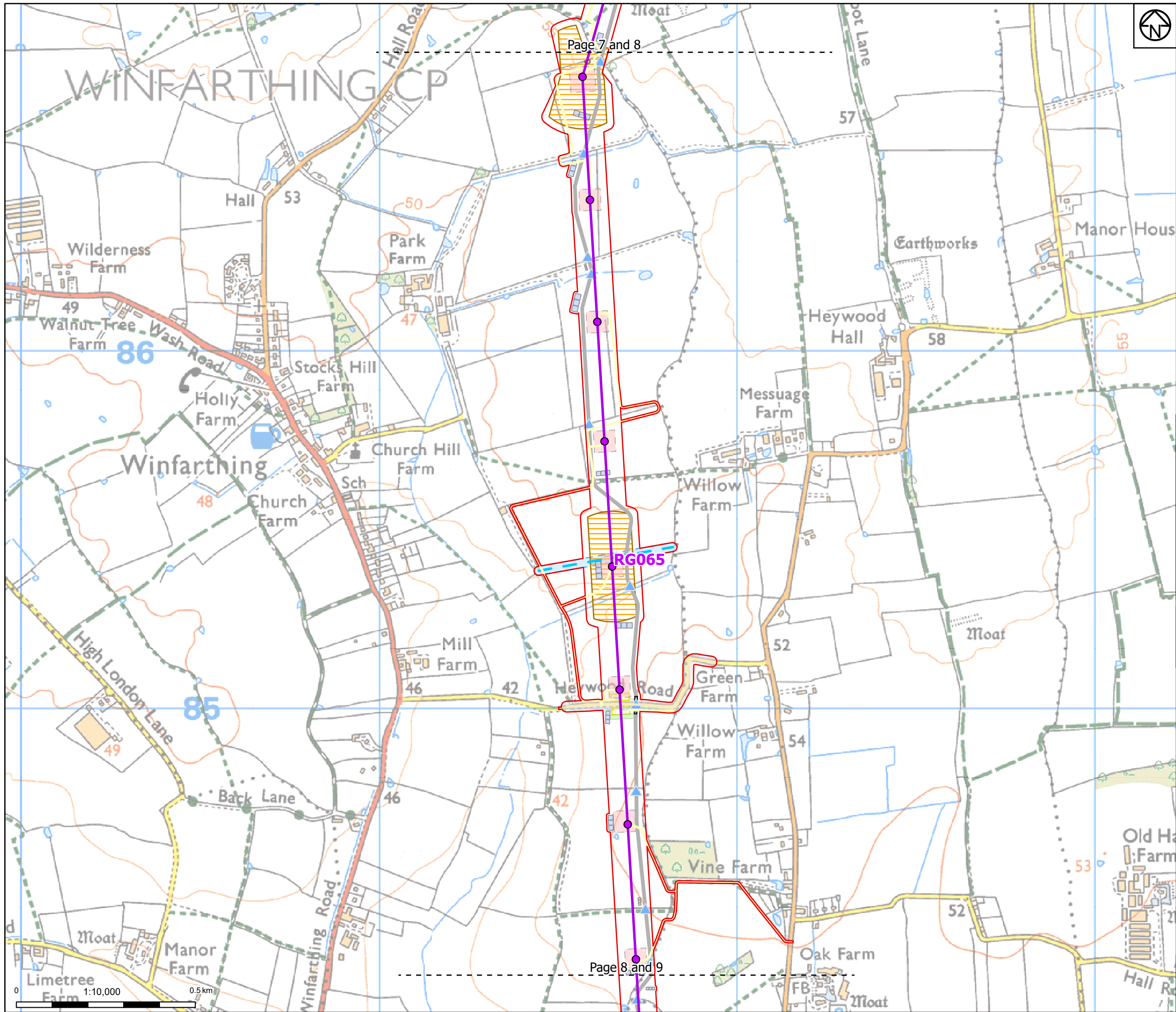
Revision:

A

Print Date: 03-18-24 10:47:20

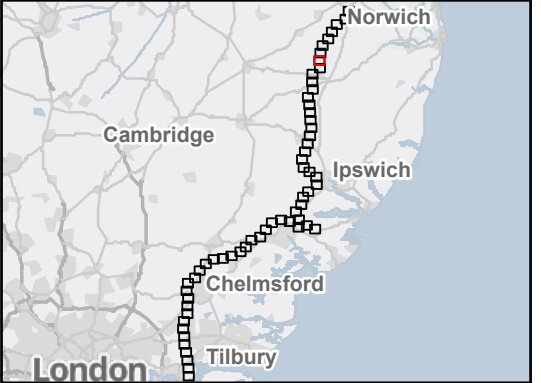
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 8 of 60

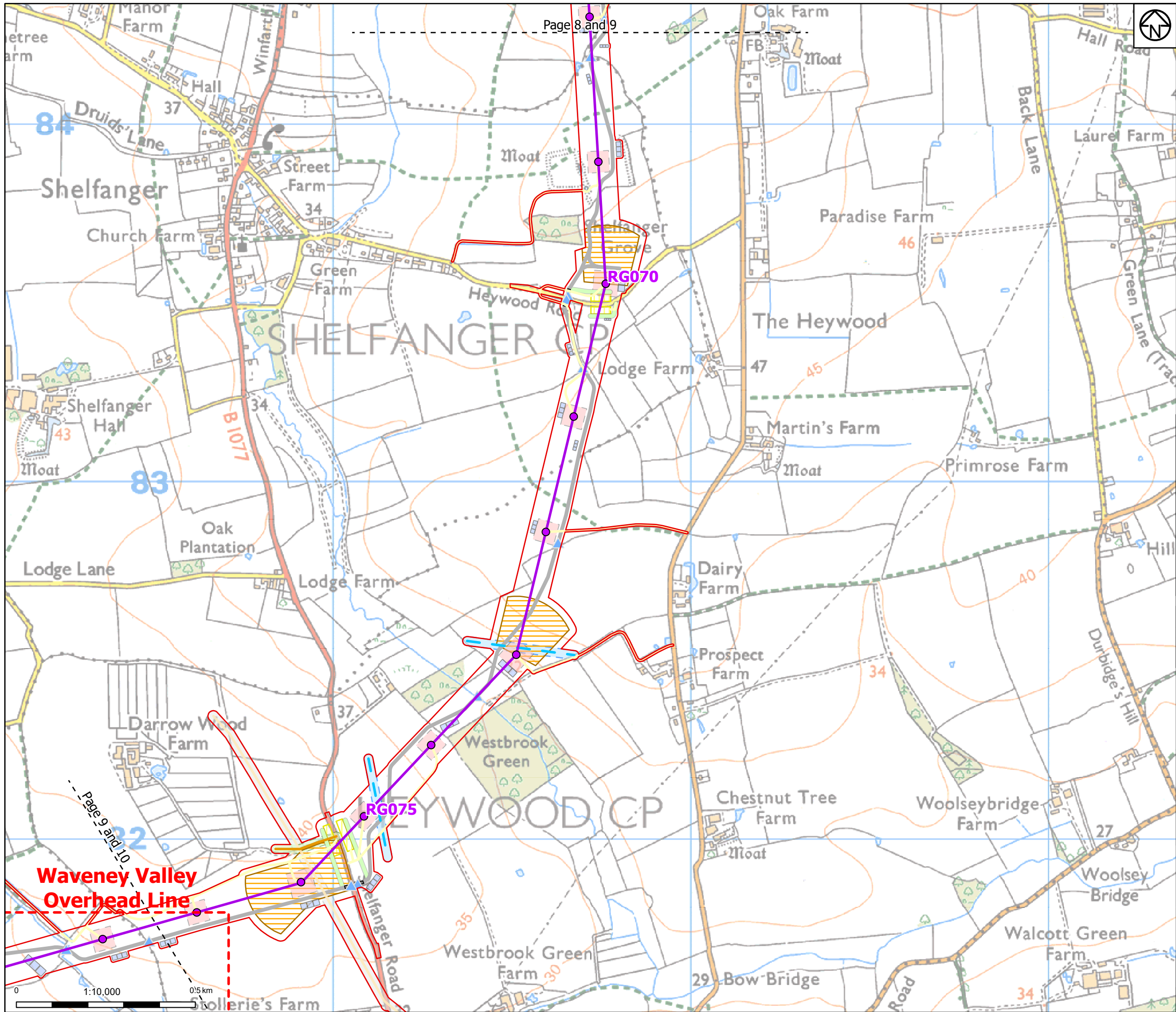
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

Revision:  
A





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

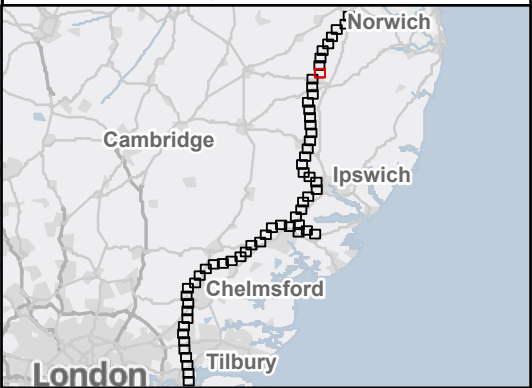
Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design  
Page 9 of 60

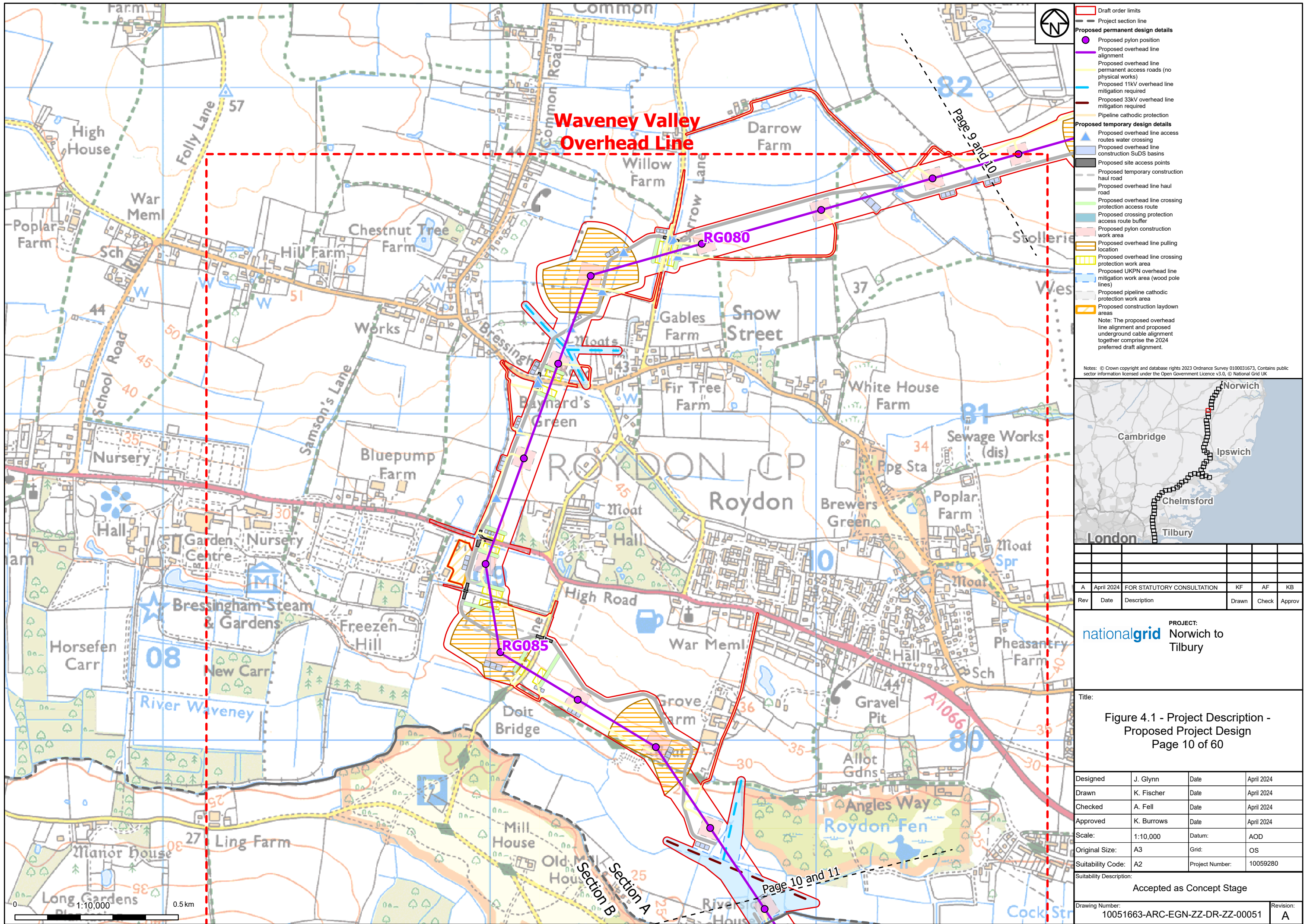
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





PROJECT:  
Norwich to  
Tilbury

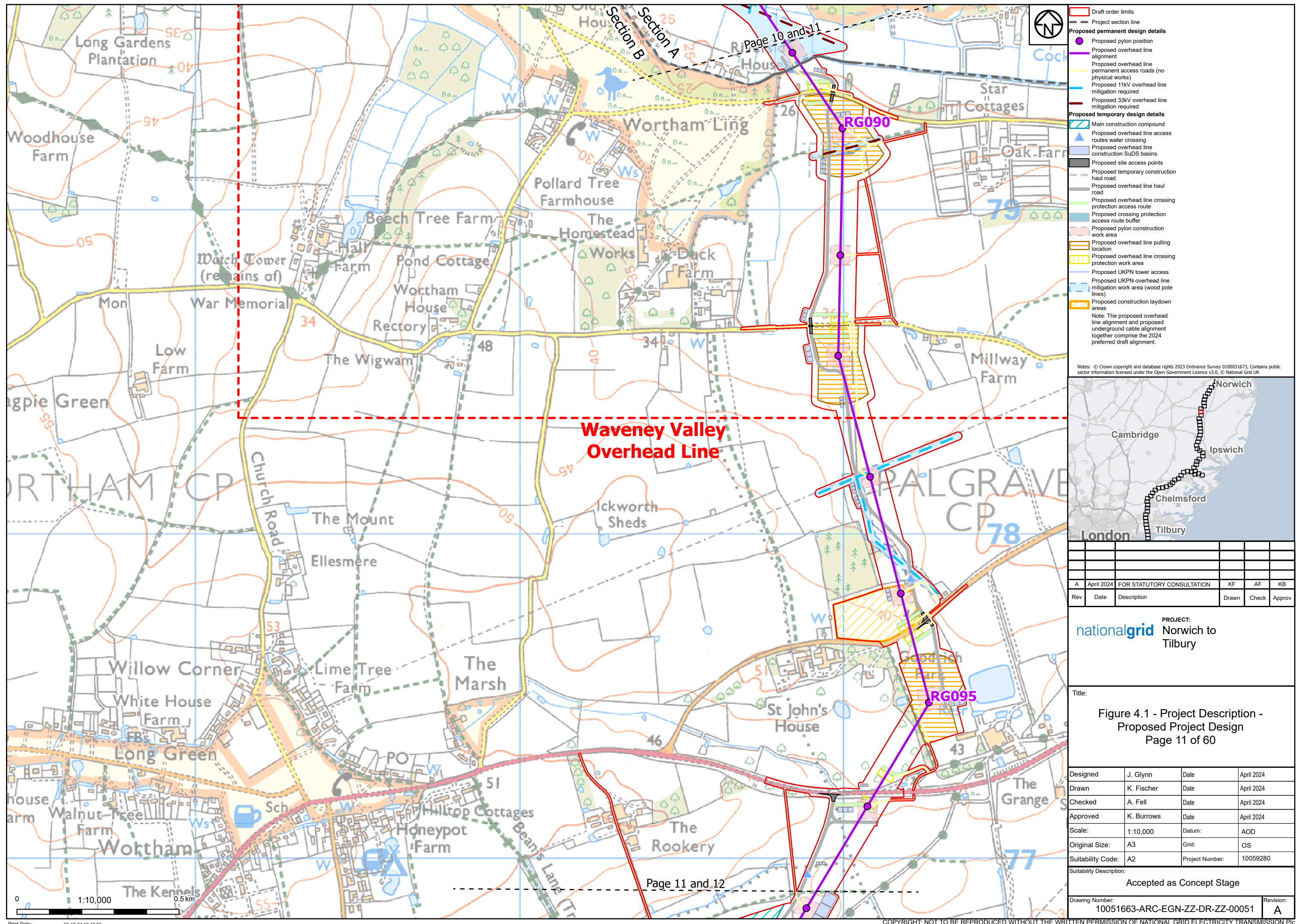
Title:  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 10 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

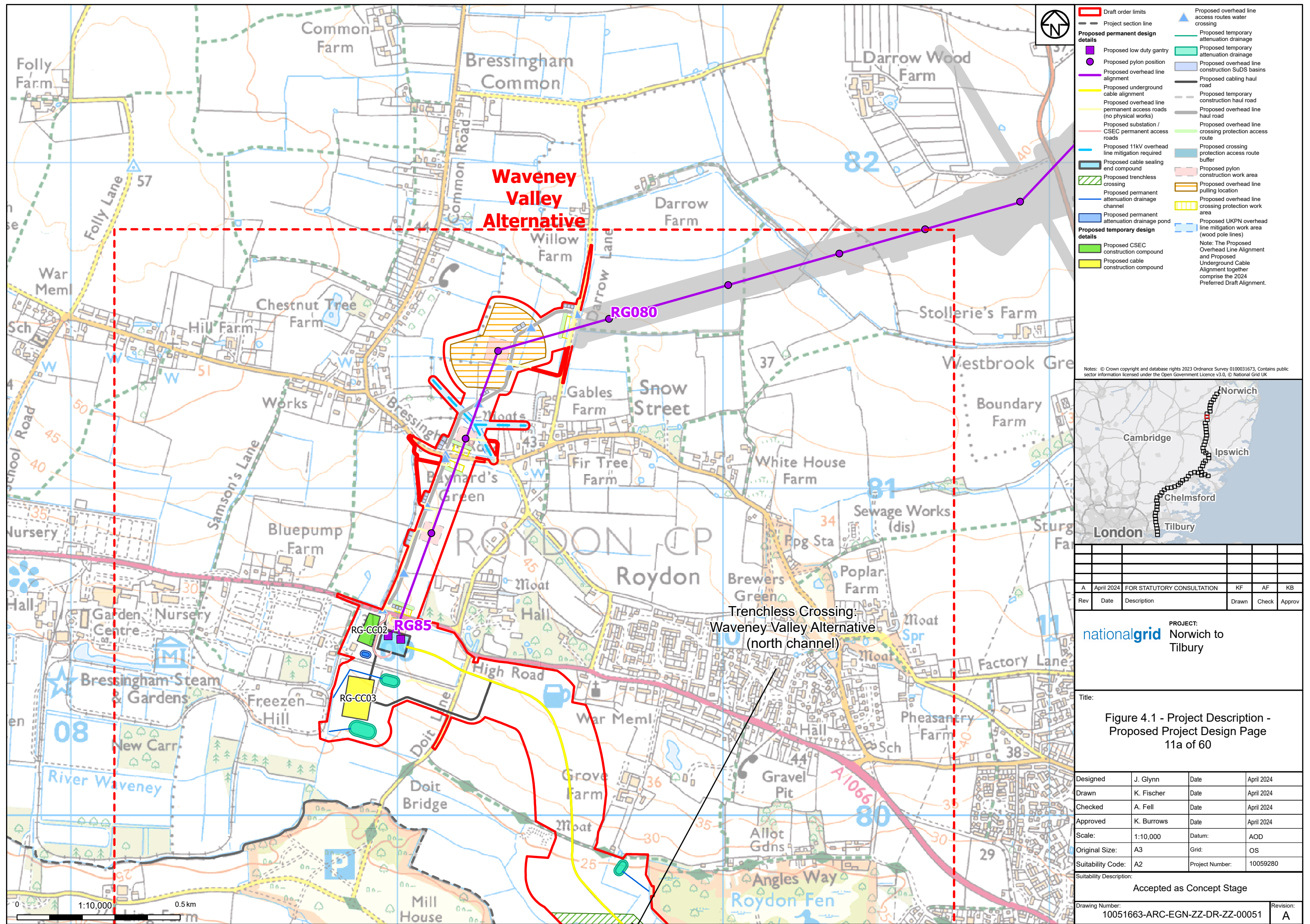
Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---

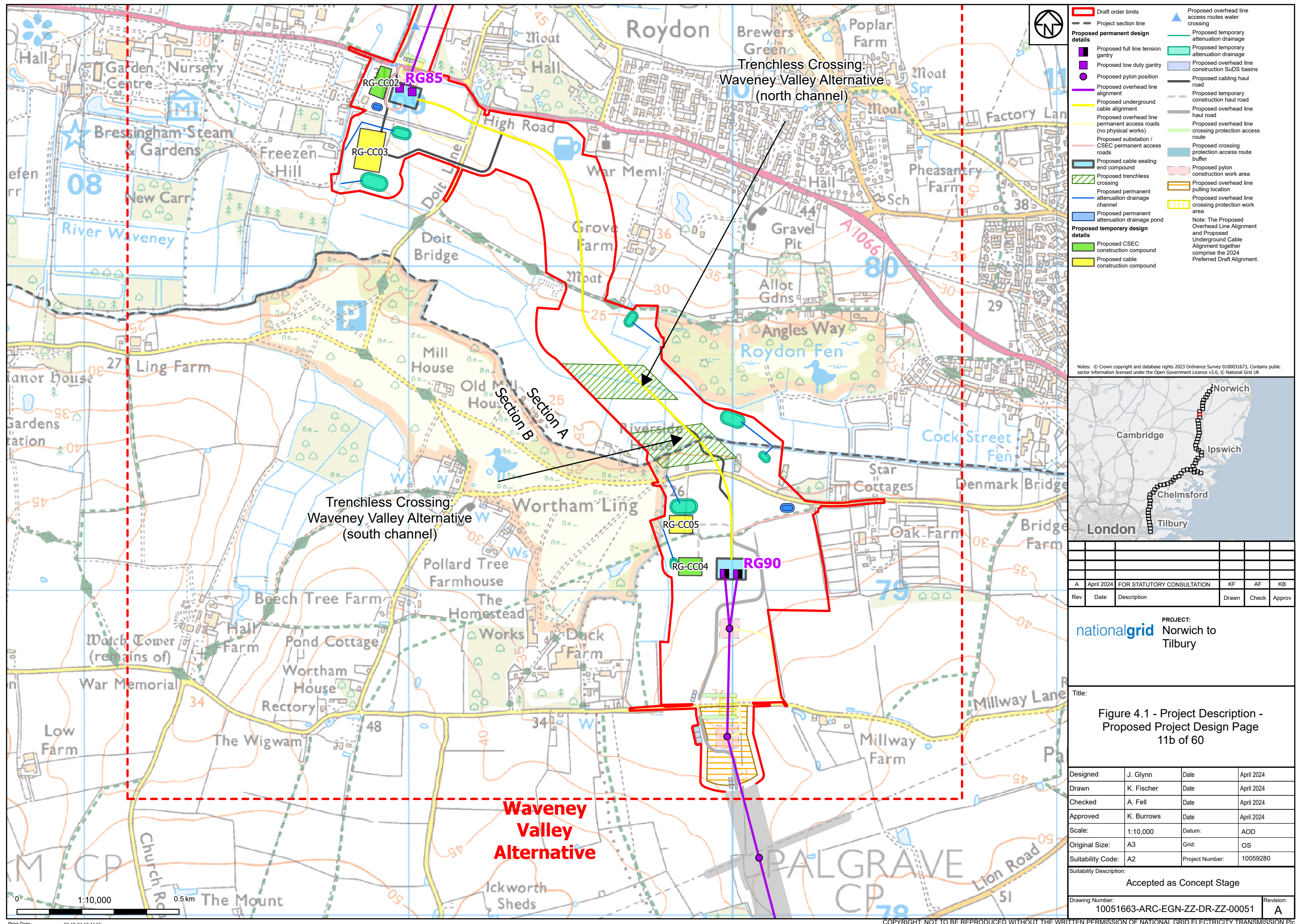








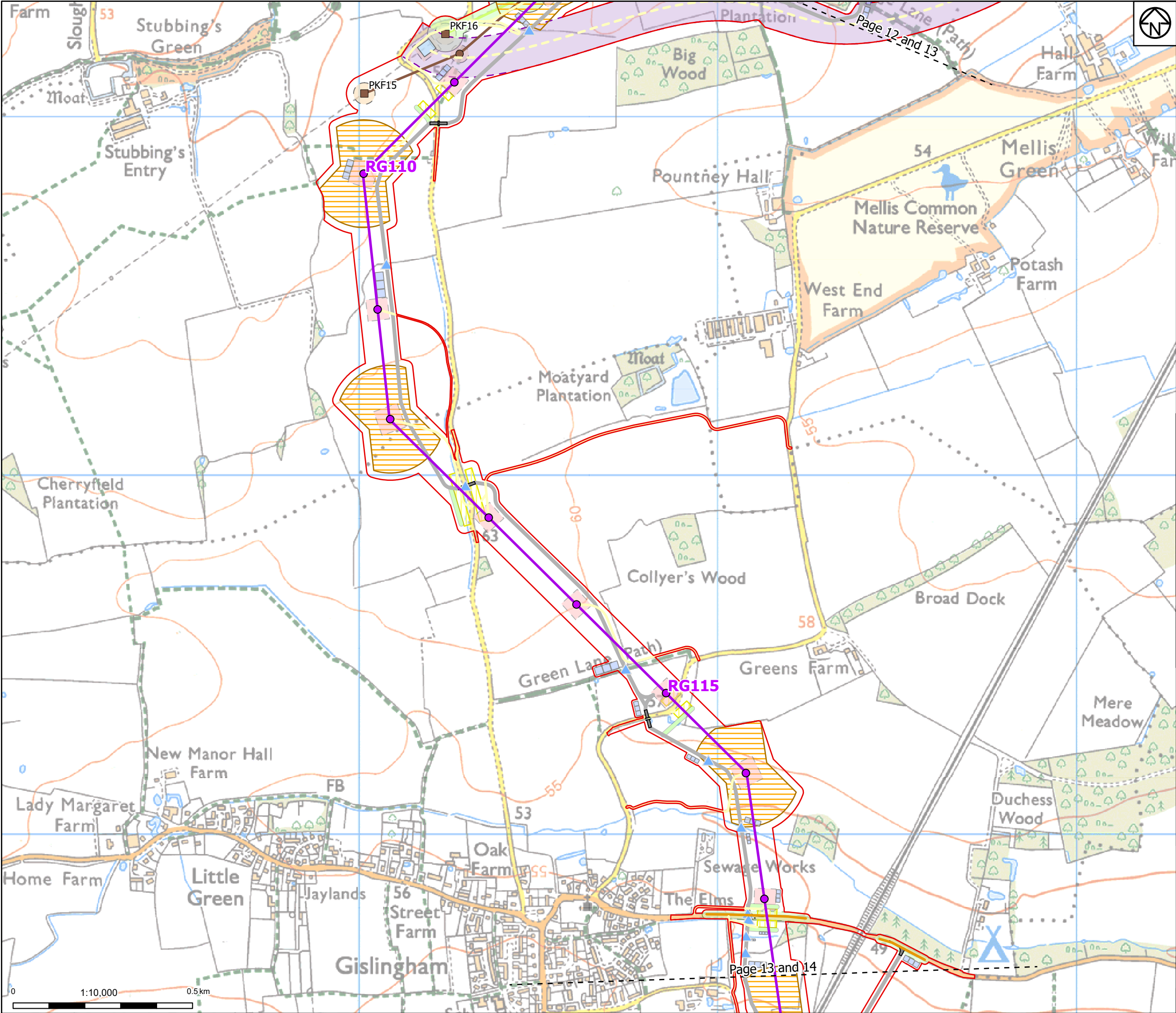












Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed UKPN cable centreline

BT overhead line mitigation

Proposed overhead line crossing routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN temporary diversion centreline

Proposed UKPN cable construction swathe

Proposed UKPN cable construction swathe

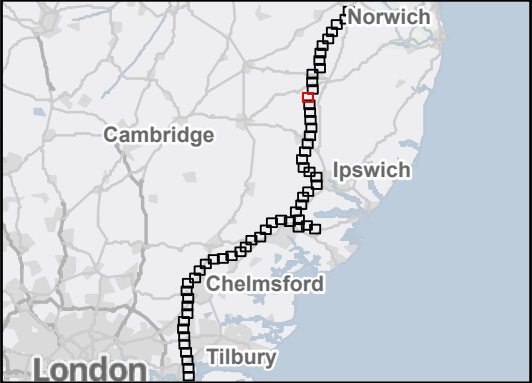
Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

Proposed BT overhead line mitigation work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:

Norwich to Tilbury

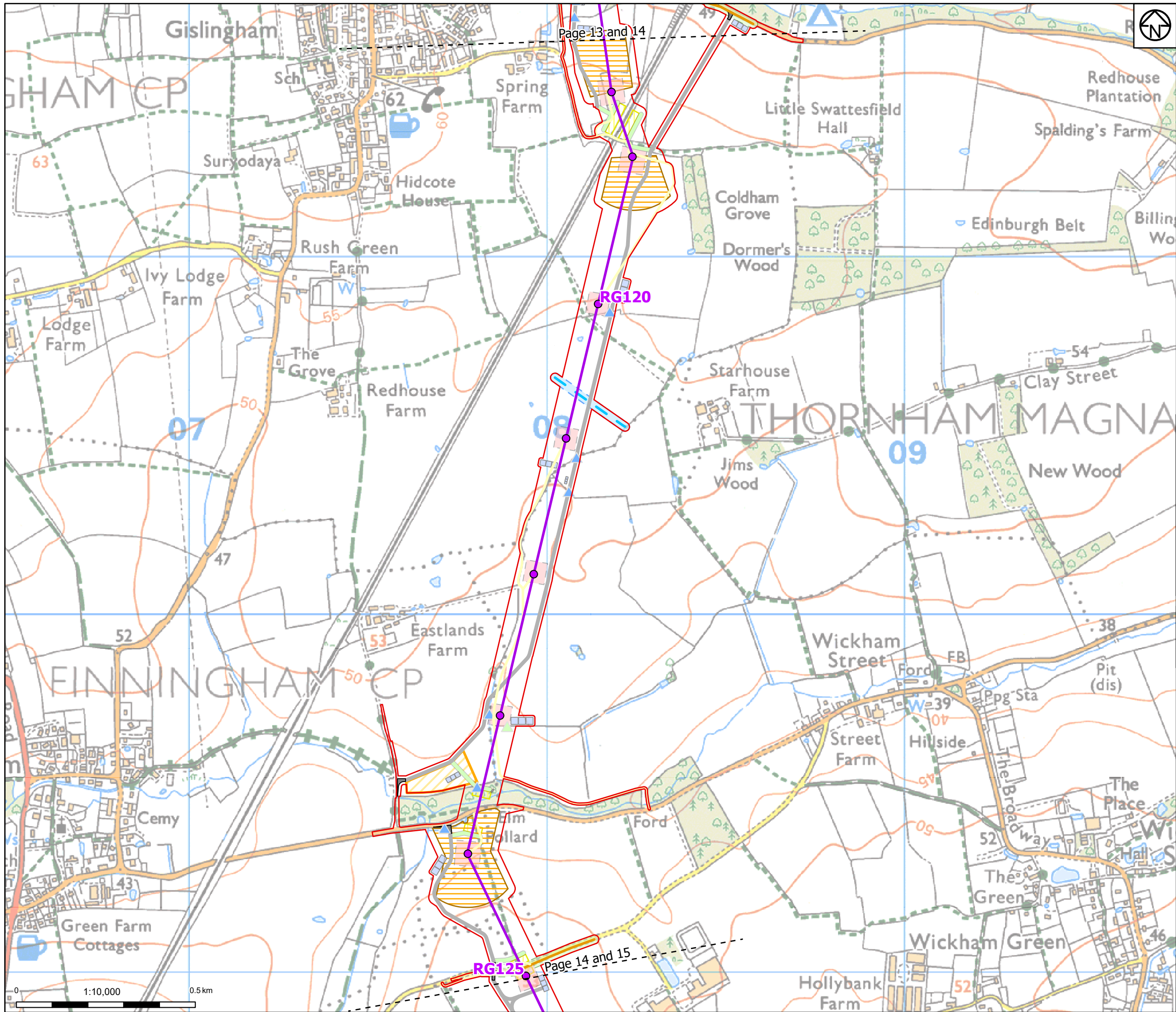
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 13 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line watercourse crossings

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

nationalgrid

PROJECT:

Norwich to Tilbury

Title:

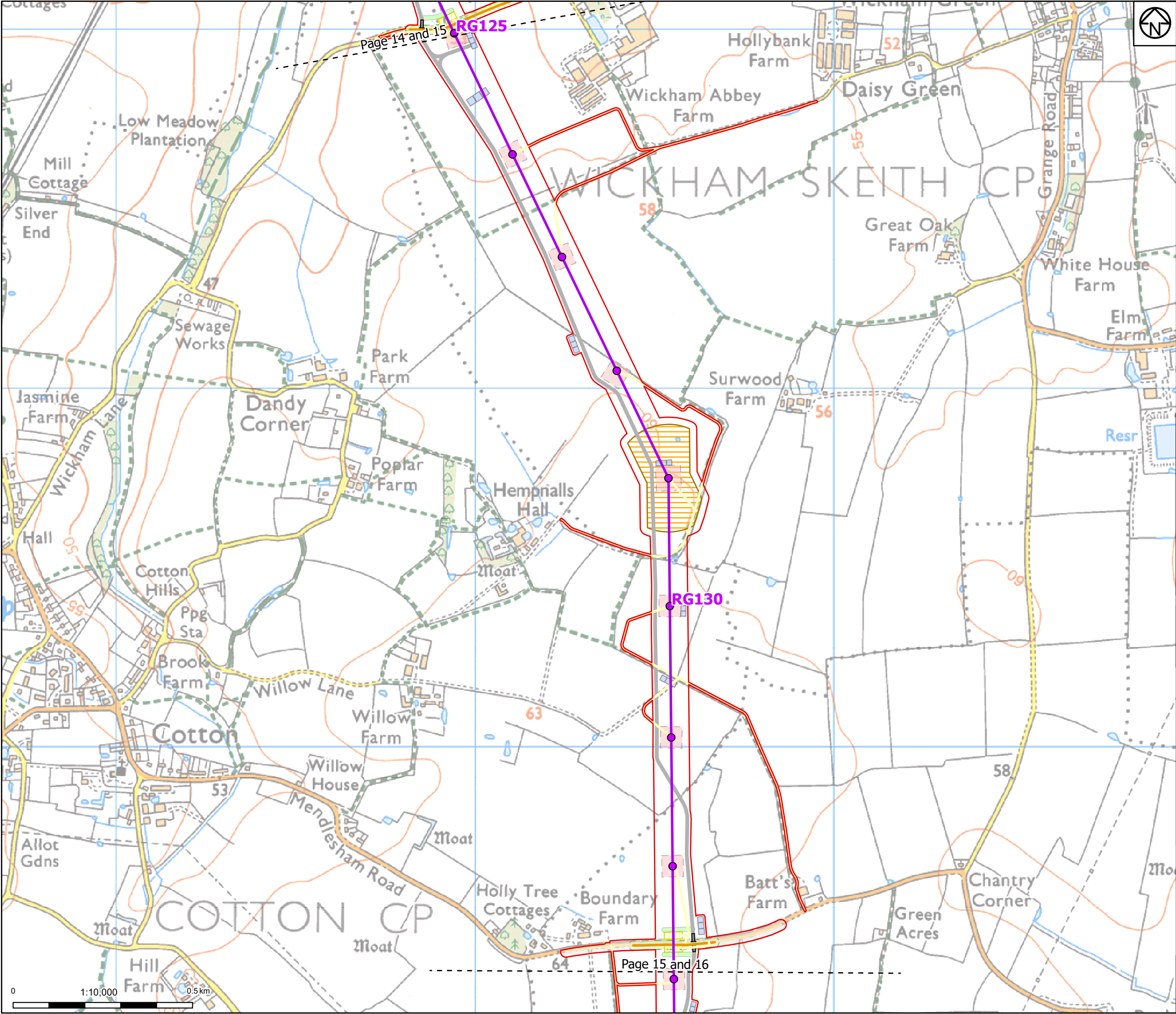
Figure 4.1 - Project Description - Proposed Project Design  
Page 14 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:			Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051			A

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC

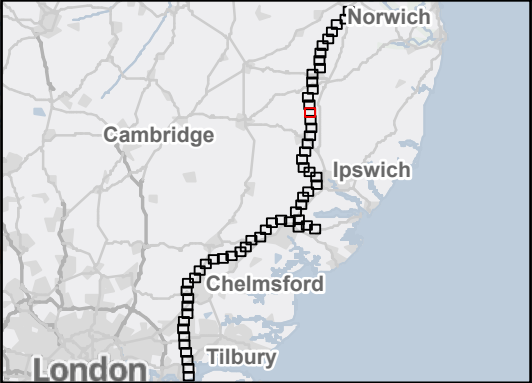
Print Date: 03-18-24 10:47:51





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design

Page 15 of 60

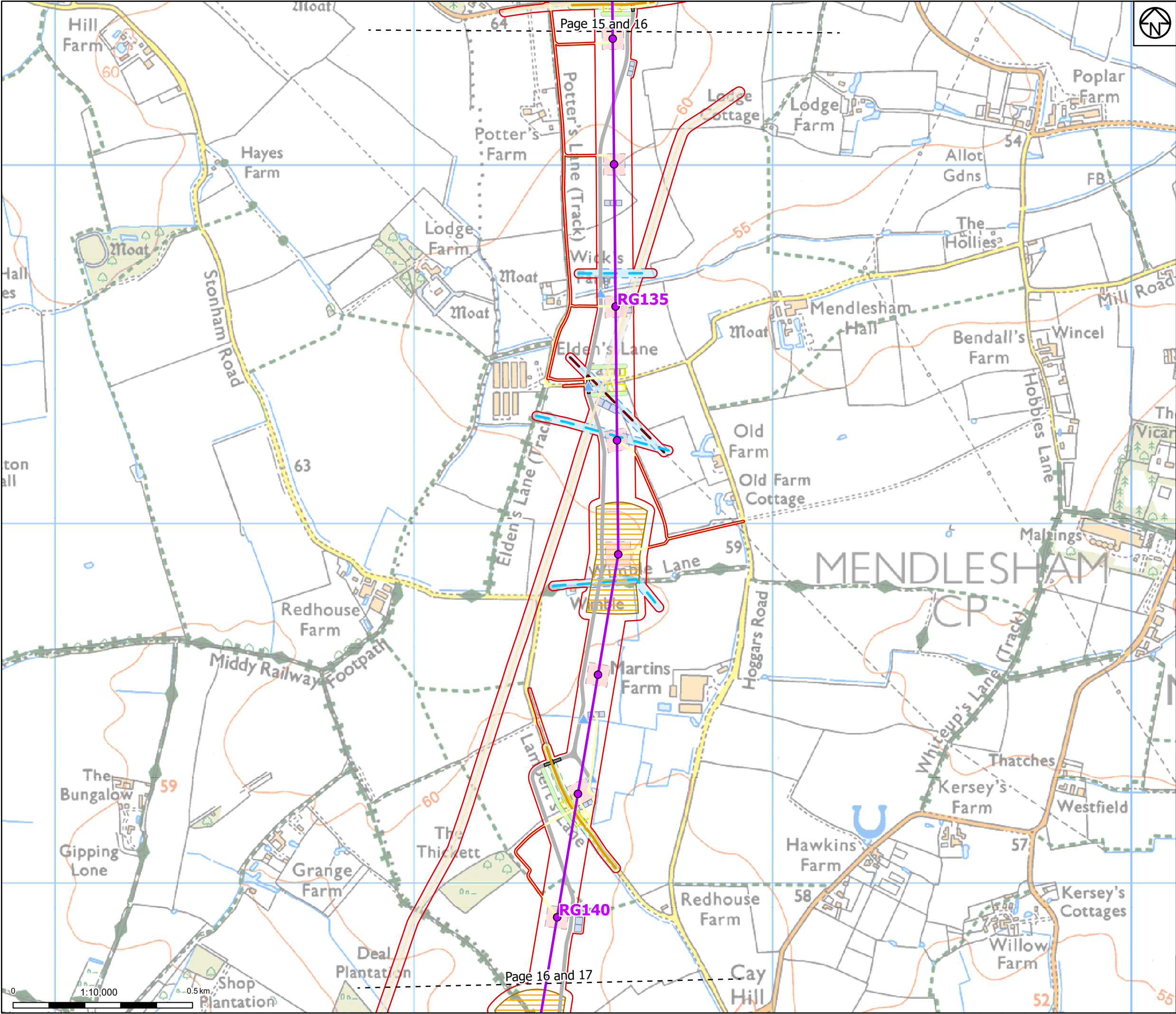
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

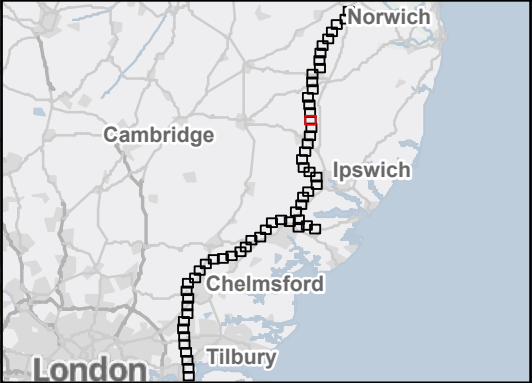
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design  
Page 16 of 60

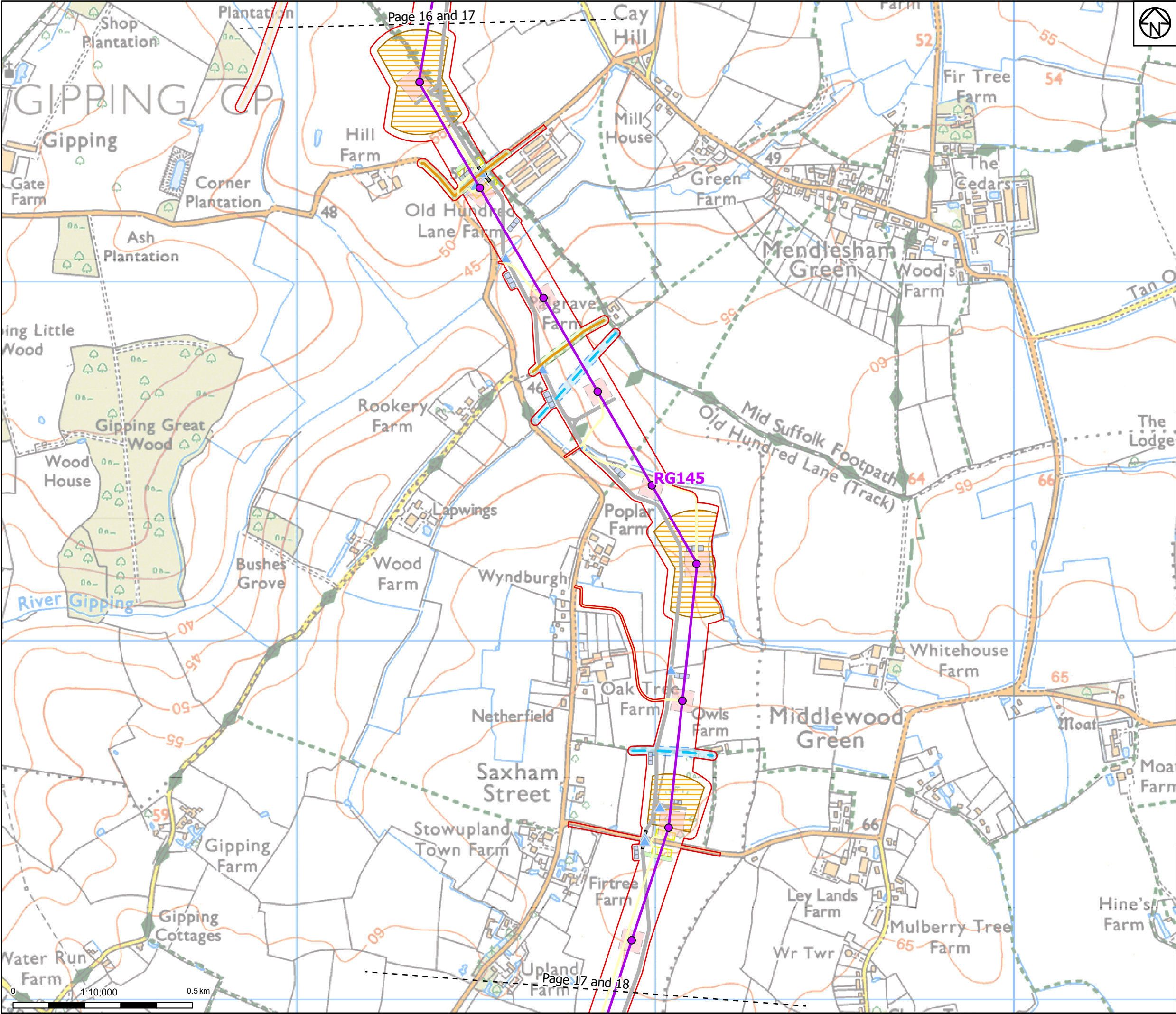
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:	Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051	A





**Proposed permanent design details**

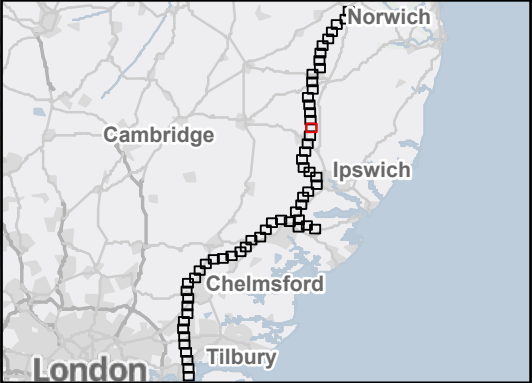
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 17 of 60

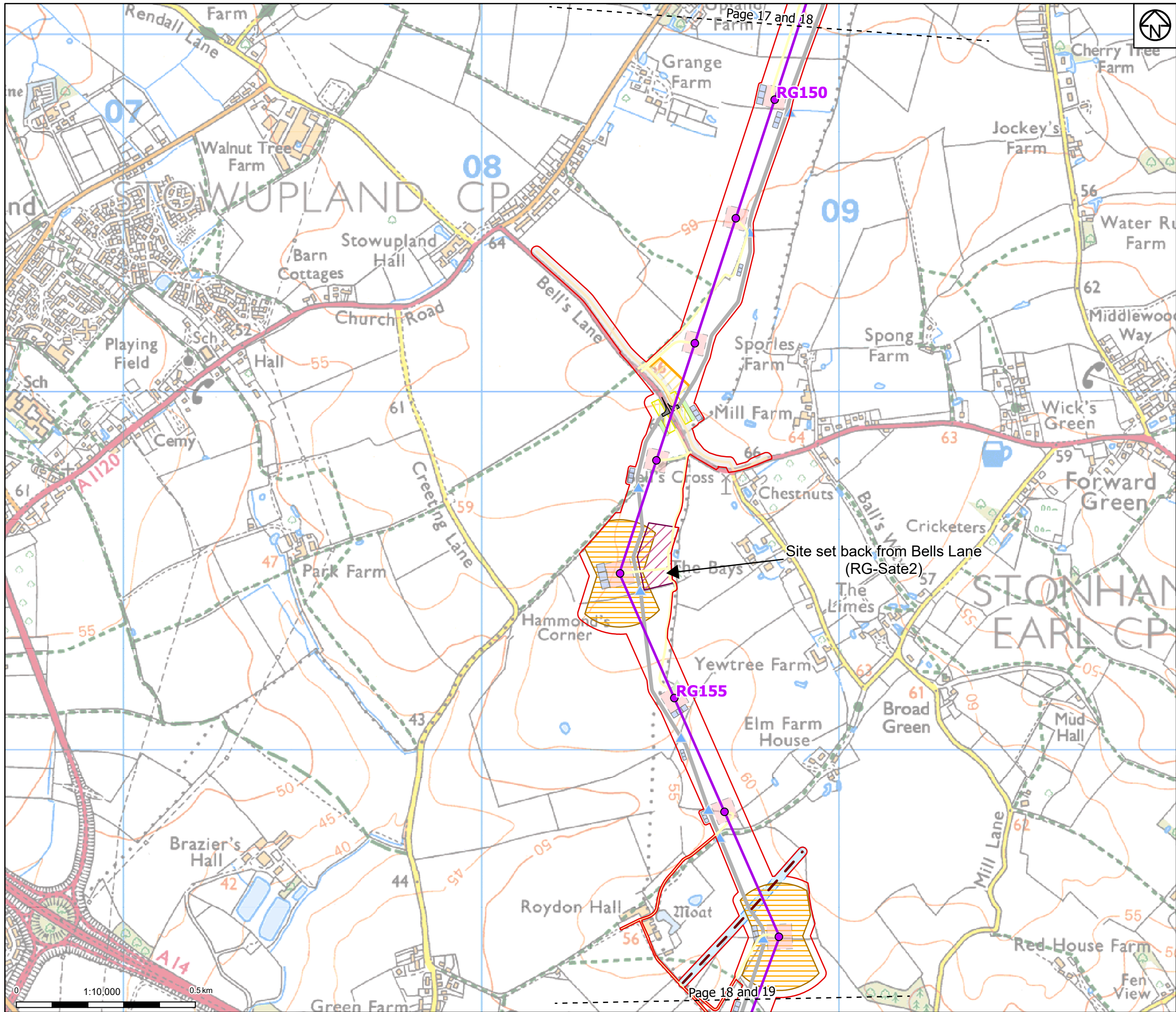
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

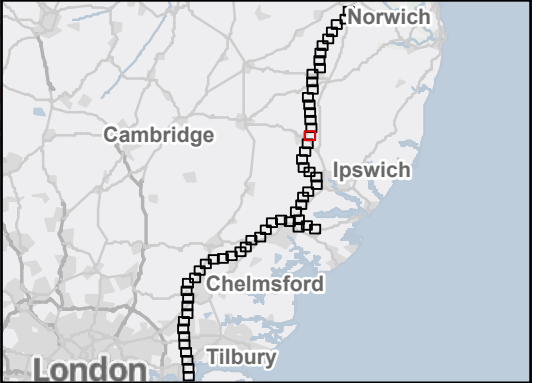
Revision:  
A





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 33kV overhead line mitigation required
  - Pipeline cathodic protection
- Proposed temporary design details**
- Satellite construction compound
  - Proposed overhead line access routes water crossing
  - Proposed overhead line watercourse crossings
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 18 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

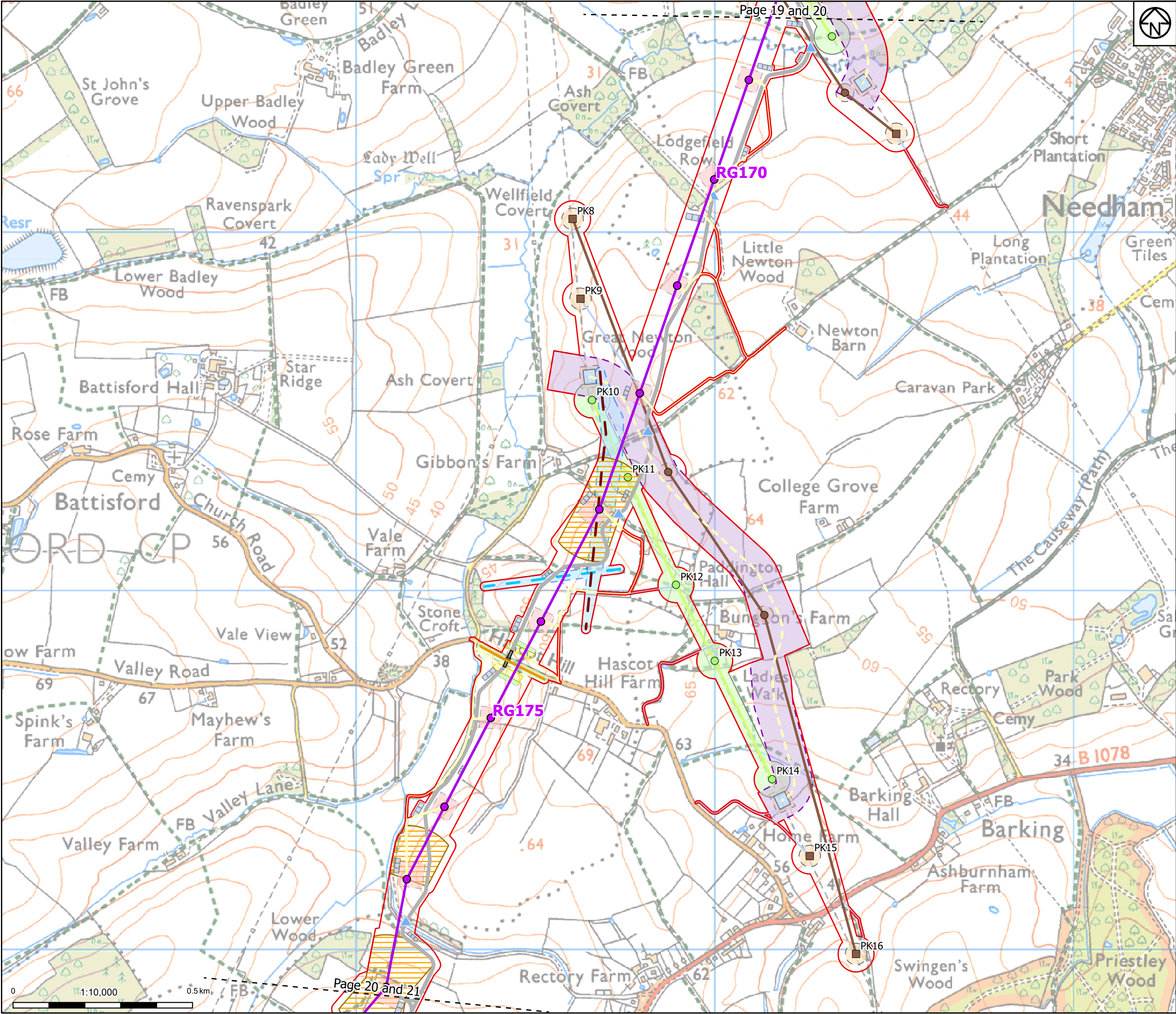
Suitability Description:  
Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---









- Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

Proposed UKPN cable centreline

BT overhead line mitigation

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

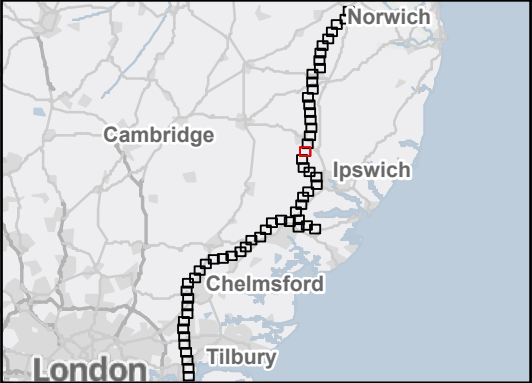
Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line temporary structures (only angles)
- Proposed UKPN dismantle centreline
- Proposed UKPN temporary diversion centreline
- Proposed UKPN tower access
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed UKPN cable construction swathe
- Proposed UKPN cable construction swathe
- Proposed UKPN cable sealing end platform
- Proposed UKPN overhead line temporary works
- Proposed BT overhead line mitigation work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:

Norwich to Tilbury

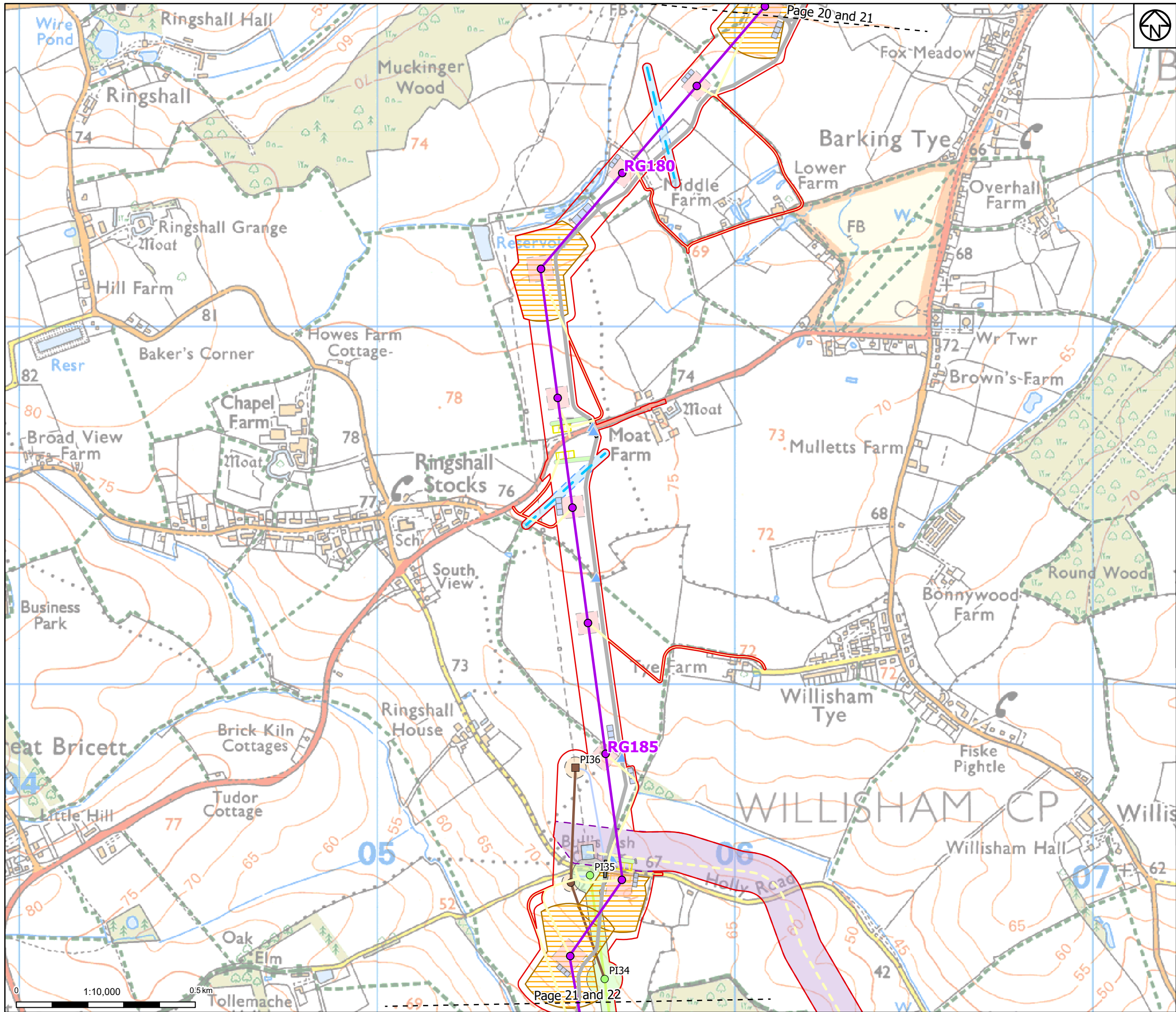
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 20 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

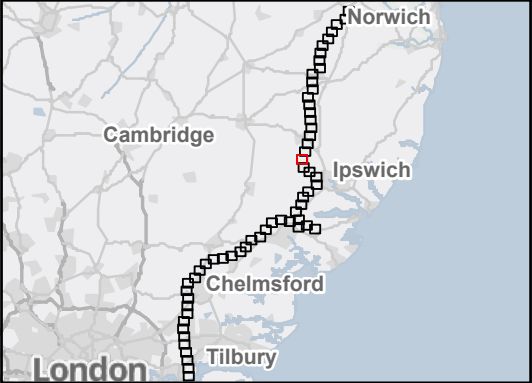
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Proposed permanent design details**
- Draft order limits
  - Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Proposed UKPN cable centreline
  - Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
- Proposed temporary design details**
- Proposed UKPN overhead line dismantle towers
  - Proposed UKPN overhead line existing tower (to be modified)
  - Proposed UKPN overhead line temporary structures (only angles)
  - Proposed UKPN dismantle centreline
  - Proposed UKPN temporary diversion centreline
  - Proposed UKPN tower access
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed UKPN cable construction swathe
  - Proposed UKPN cable construction swathe
  - Proposed UKPN cable sealing end platform
  - Proposed UKPN overhead line temporary works
  - Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
**nationalgrid** Norwich to Tilbury

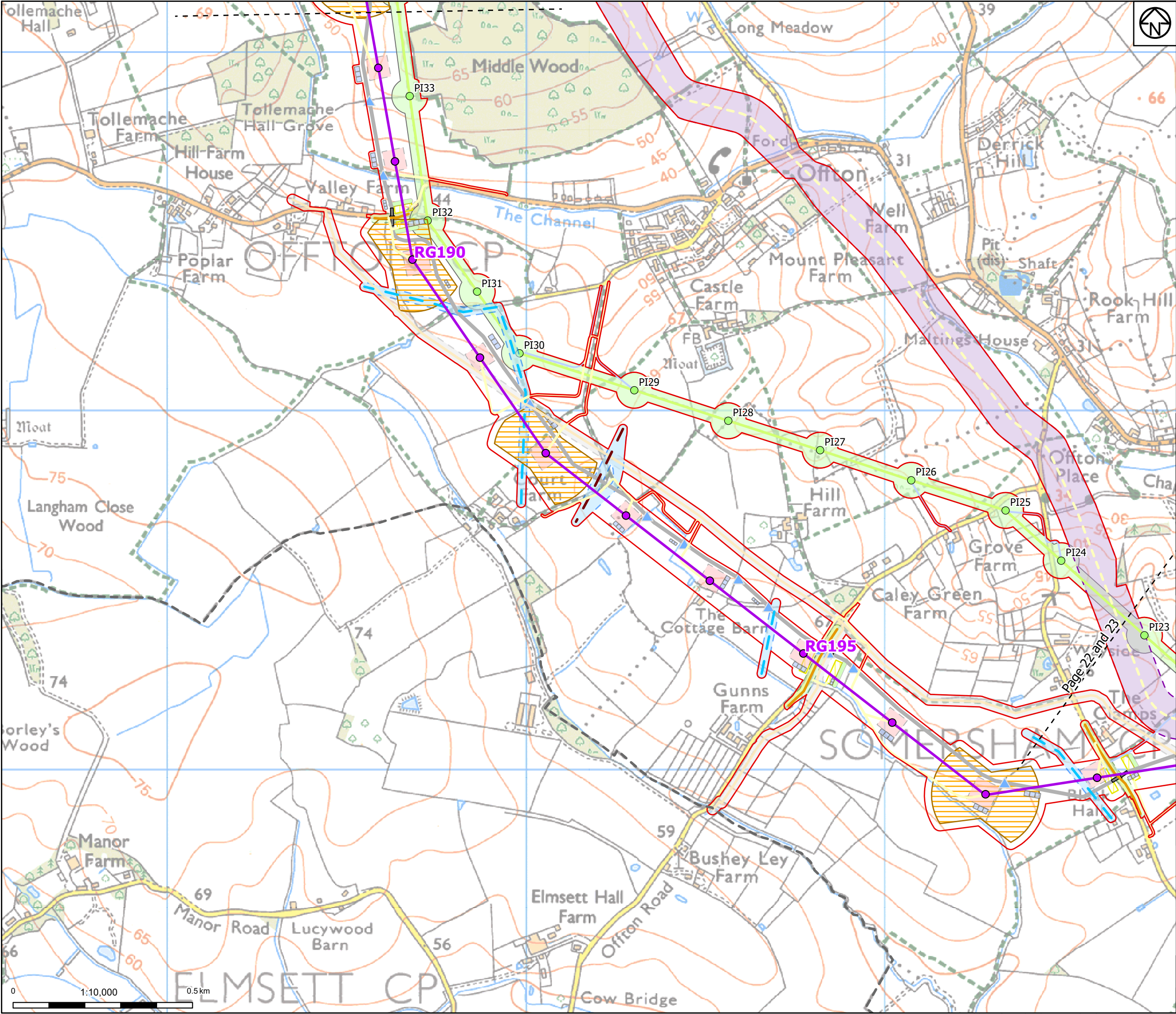
Title:  
**Figure 4.1 - Project Description - Proposed Project Design**  
Page 21 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Draft order limits

Project section line

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

Proposed UKPN cable centreline

BT overhead line mitigation

Pipeline cathodic protection

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN dismantle centreline

Proposed UKPN tower access

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN cable construction swathe

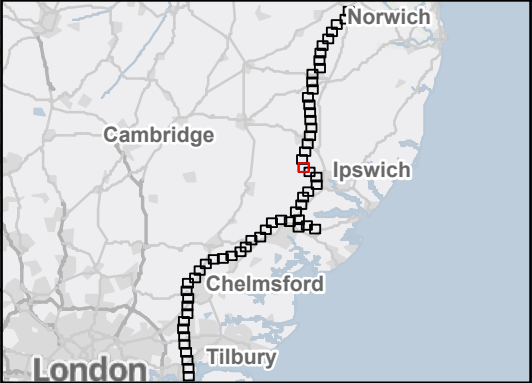
Proposed UKPN cable sealing end platform

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

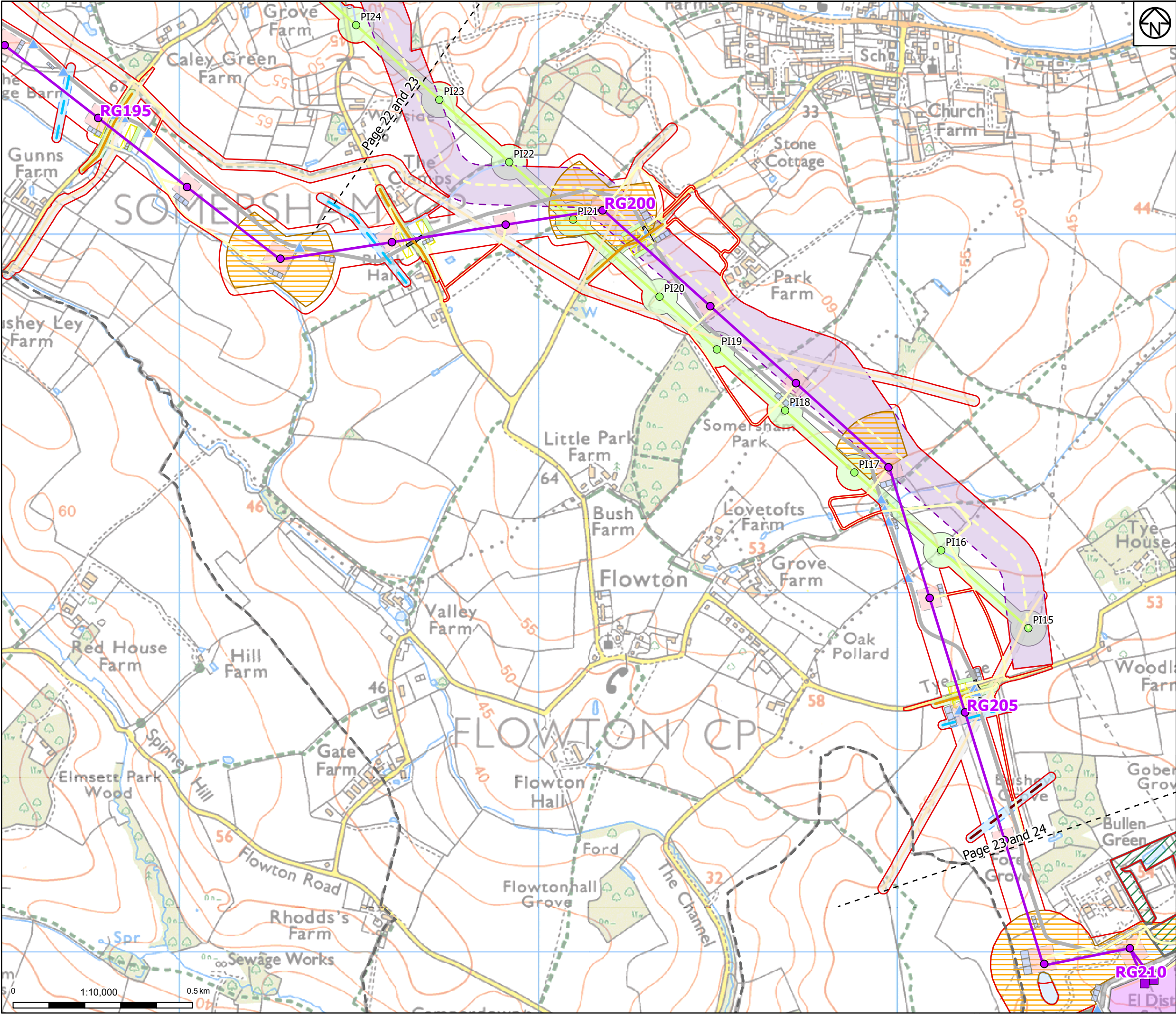
Title:  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 22 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

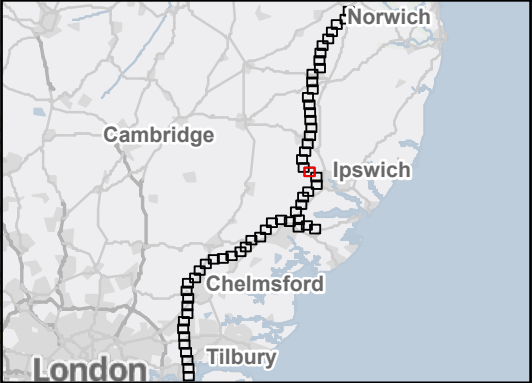
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Proposed permanent design details**
- Proposed low duty gantry
  - Proposed pylon position
  - Proposed overhead line alignment
  - Existing substation
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed substation / CSEC permanent access roads
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - Proposed UKPN cable centreline
  - BT overhead line mitigation
  - Pipeline cathodic protection
  - Proposed environmental areas
  - Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed temporary construction haul road
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed temporary construction haul road
- Proposed overhead line crossing protection access route**
- Proposed crossing protection access route
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line dismantle towers
  - Proposed UKPN dismantle centreline
  - Proposed UKPN tower access
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed UKPN cable construction swathe
  - Proposed UKPN cable sealing end platform
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 23 of 60

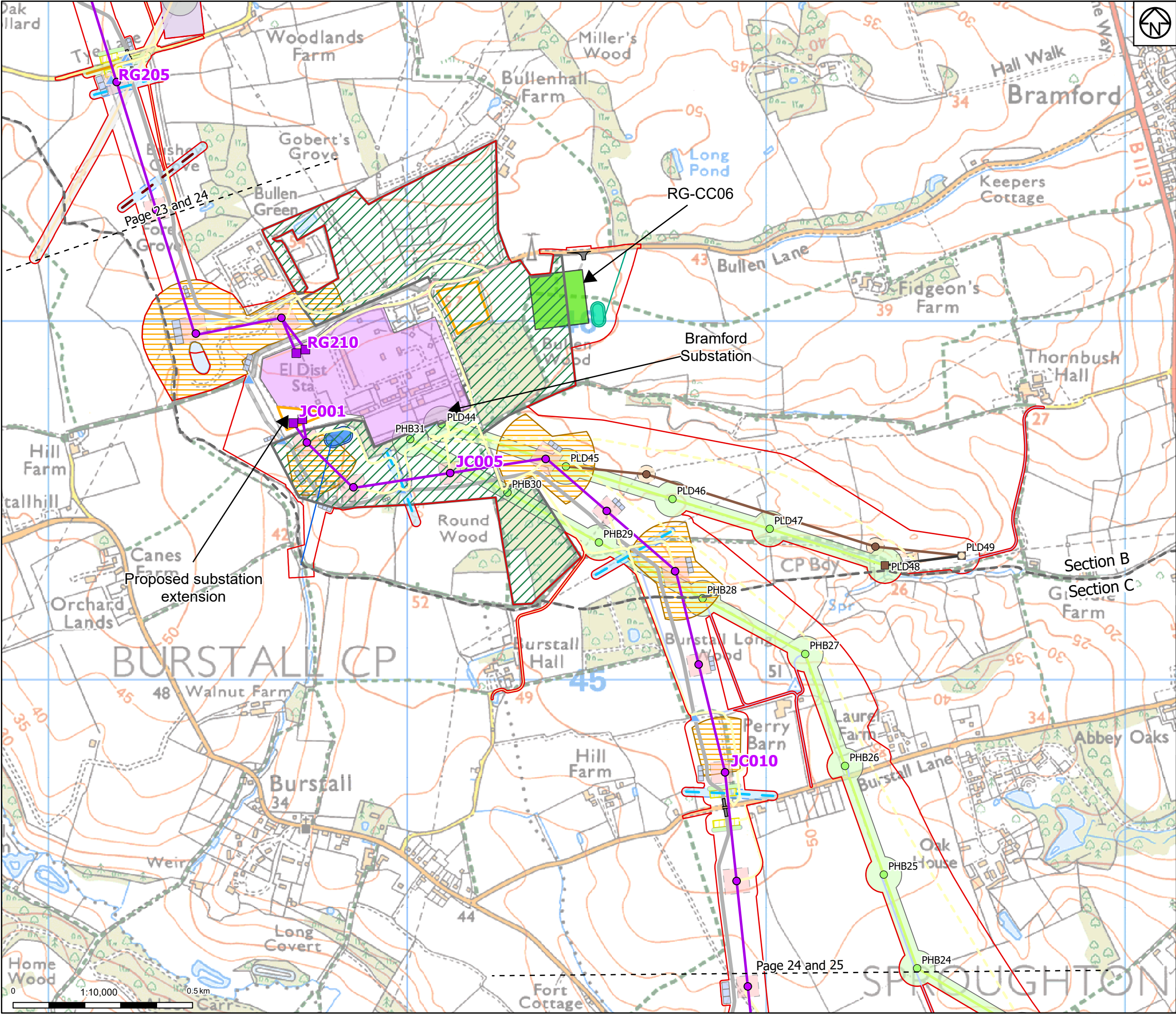
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

Revision:  
A





- Draft order limits

Project section line

Proposed permanent design details

Proposed low duty gantry

Proposed pylon position

Proposed overhead line alignment

Existing substation

Proposed substation extension

Proposed overhead line permanent access roads (no physical works)

Proposed substation / CSEC permanent access roads

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

Proposed UKPN cable centreline

Proposed UKPN tower permanent OHL assets

BT overhead line mitigation

Pipeline cathodic protection

Proposed environmental areas

Proposed permanent attenuation drainage channel

Proposed permanent attenuation drainage pond

Proposed temporary design details

Proposed CSE compound/substation construction compound

Proposed overhead line access routes water crossing

Proposed temporary attenuation drainage

Proposed temporary attenuation drainage

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed temporary construction haul road

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN tower access

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN cable construction swathe

Proposed UKPN diversion order limits

Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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



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

nationalgrid

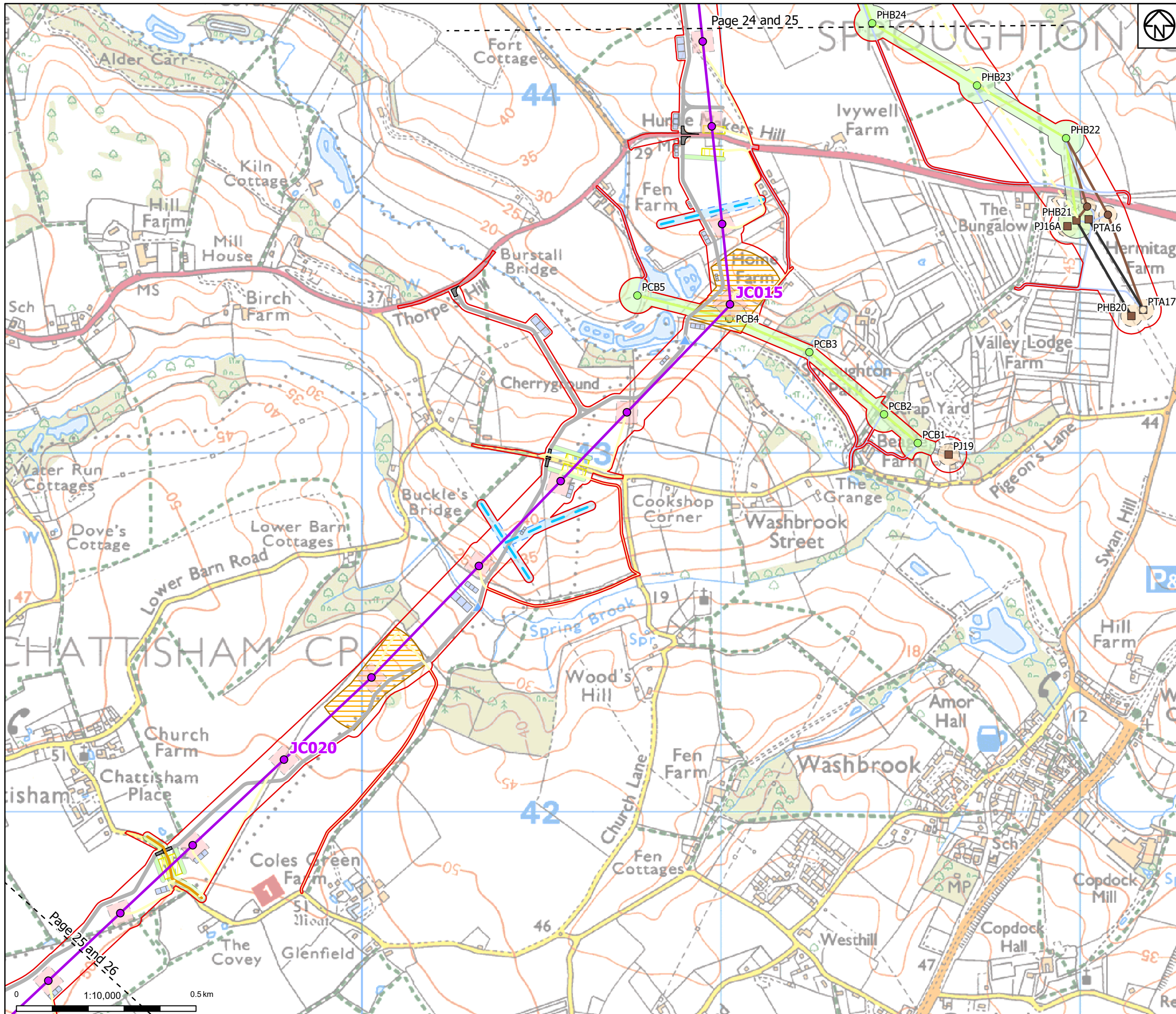
PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 24 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:	Accepted as Concept Stage
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A





- Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed UKPN cable centreline

Proposed UKPN tower permanent OHL assets

BT overhead line mitigation

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN tower access

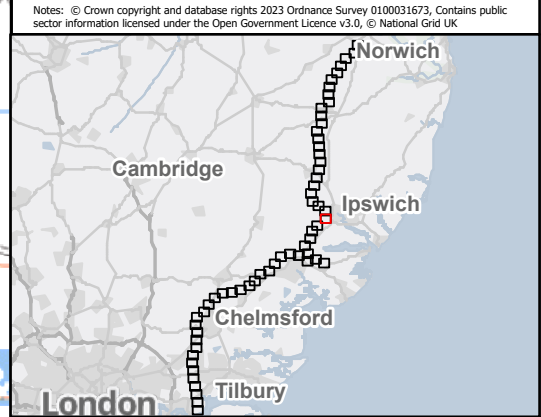
Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

Proposed BT overhead line mitigation work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

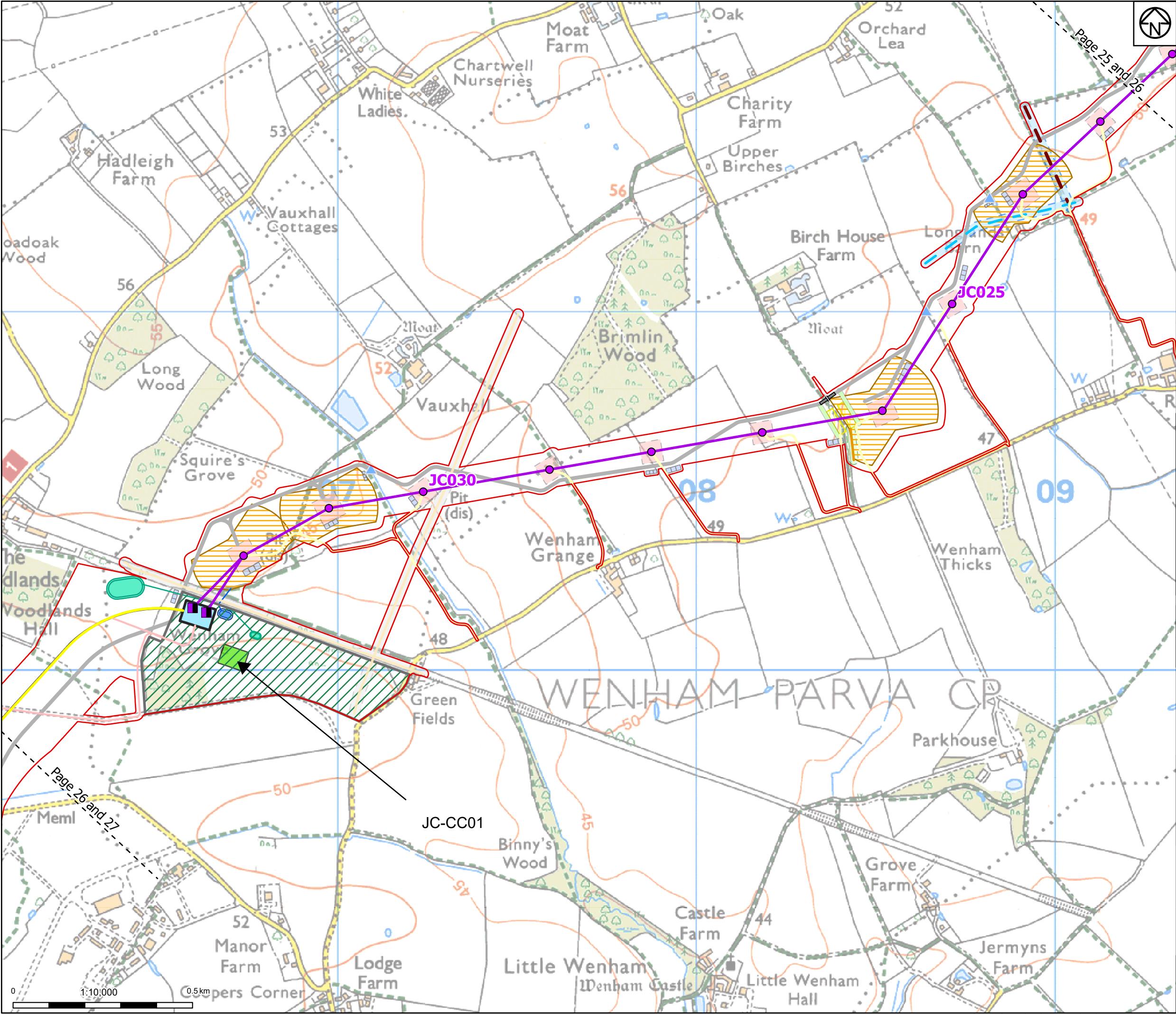
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 25 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Draft order limits

Proposed permanent design details

Proposed full line tension gantry

Proposed pylon position

Proposed overhead line alignment

Proposed underground cable alignment

Proposed overhead line permanent access roads (no physical works)

Proposed substation / CSEC permanent access roads

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed cable sealing end compound

Proposed environmental areas

Proposed permanent attenuation drainage channel

Proposed permanent attenuation drainage pond

Proposed temporary design details

Proposed CSE compound/substation construction compound

Proposed overhead line access routes water crossing

Proposed temporary attenuation drainage

Proposed temporary attenuation drainage

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed cabling haul road

Proposed temporary construction haul road

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

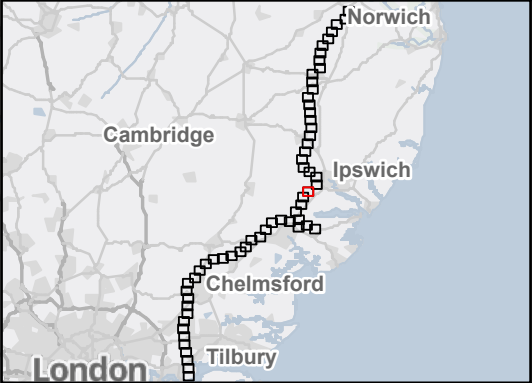
Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

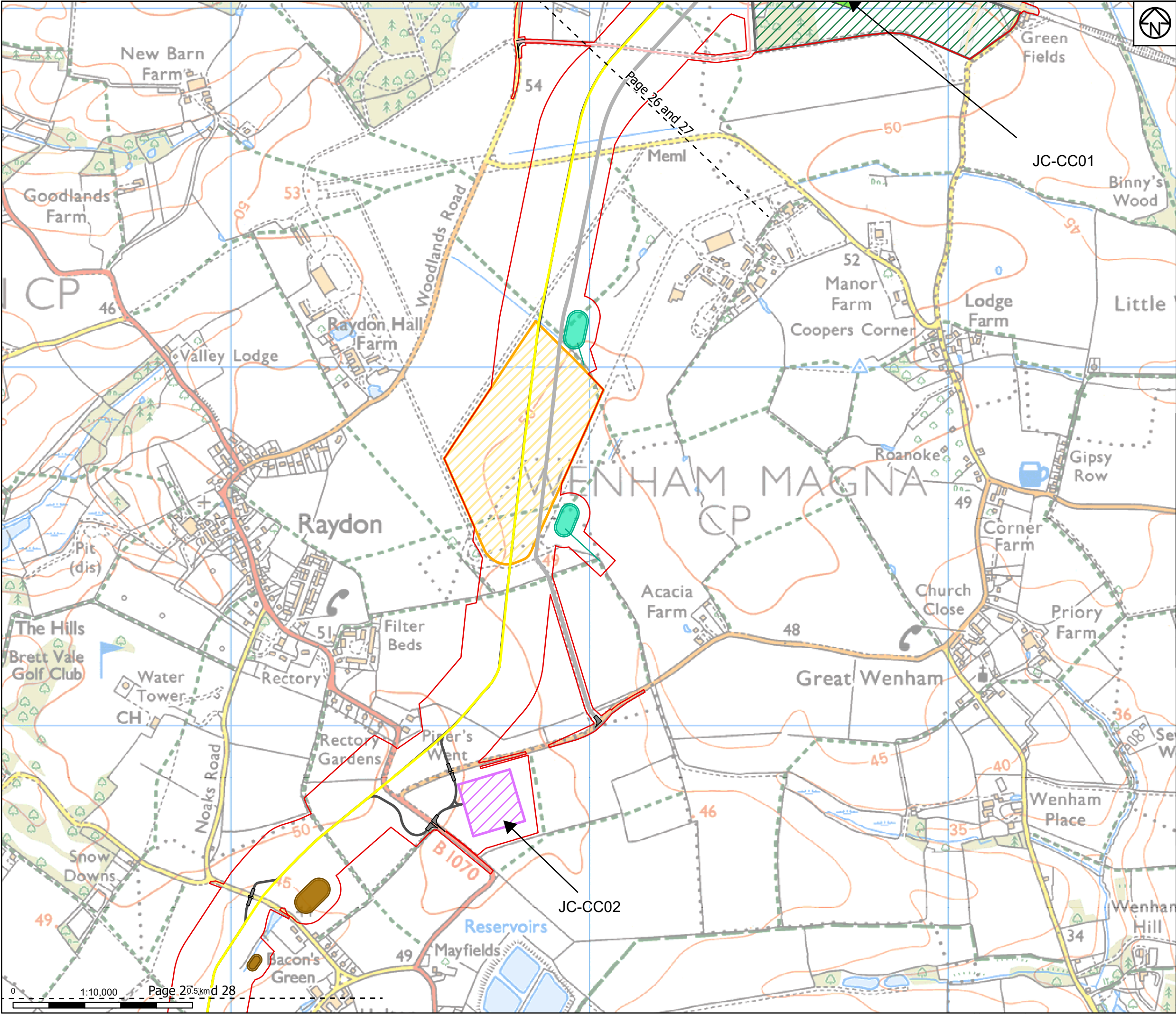
Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 26 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051  
Revision:  
A





Draft order limits

Proposed permanent design details

Proposed underground cable alignment

Proposed substation / CSEC permanent access roads

Pipeline cathodic protection

Proposed environmental areas

Proposed temporary design details

Proposed underground cable construction compound

Proposed CSE compound/ substation construction compound

Proposed temporary attenuation drainage

Proposed temporary infiltration drainage

Proposed temporary attenuation drainage

Proposed site access points

Proposed cabling haul road

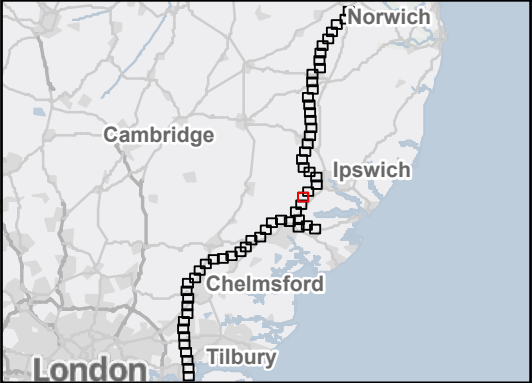
Proposed overhead line haul road

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

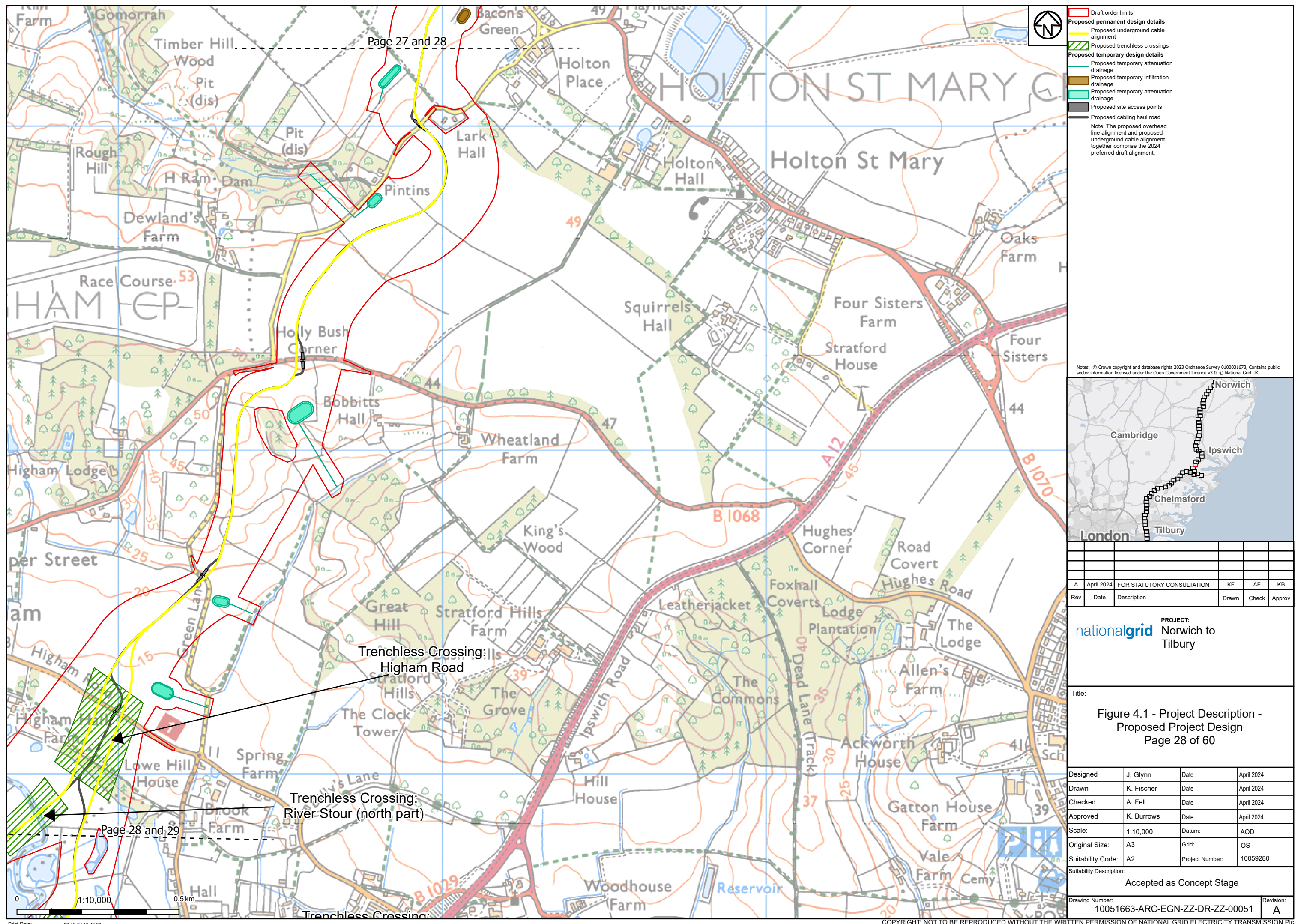
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 27 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

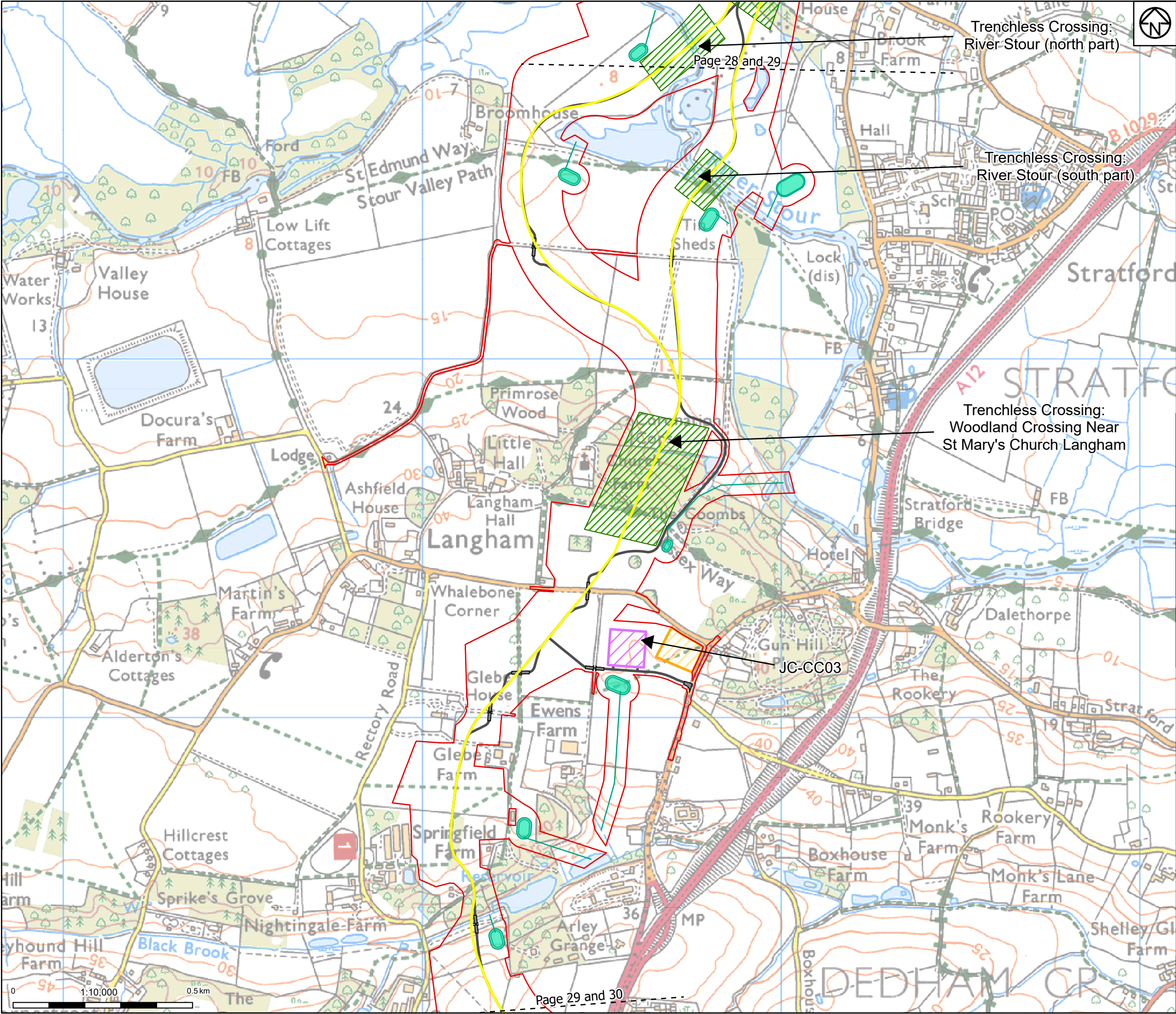
Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------









Draft order limits

Proposed permanent design details

Proposed underground cable alignment

Proposed trenchless crossings

Proposed temporary design details

Proposed underground cable construction compound

Proposed temporary attenuation drainage

Proposed temporary attenuation drainage

Proposed site access points

Proposed cabling haul road

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

Norwich  
Ipswich  
Chelmsford  
Tilbury  
London

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

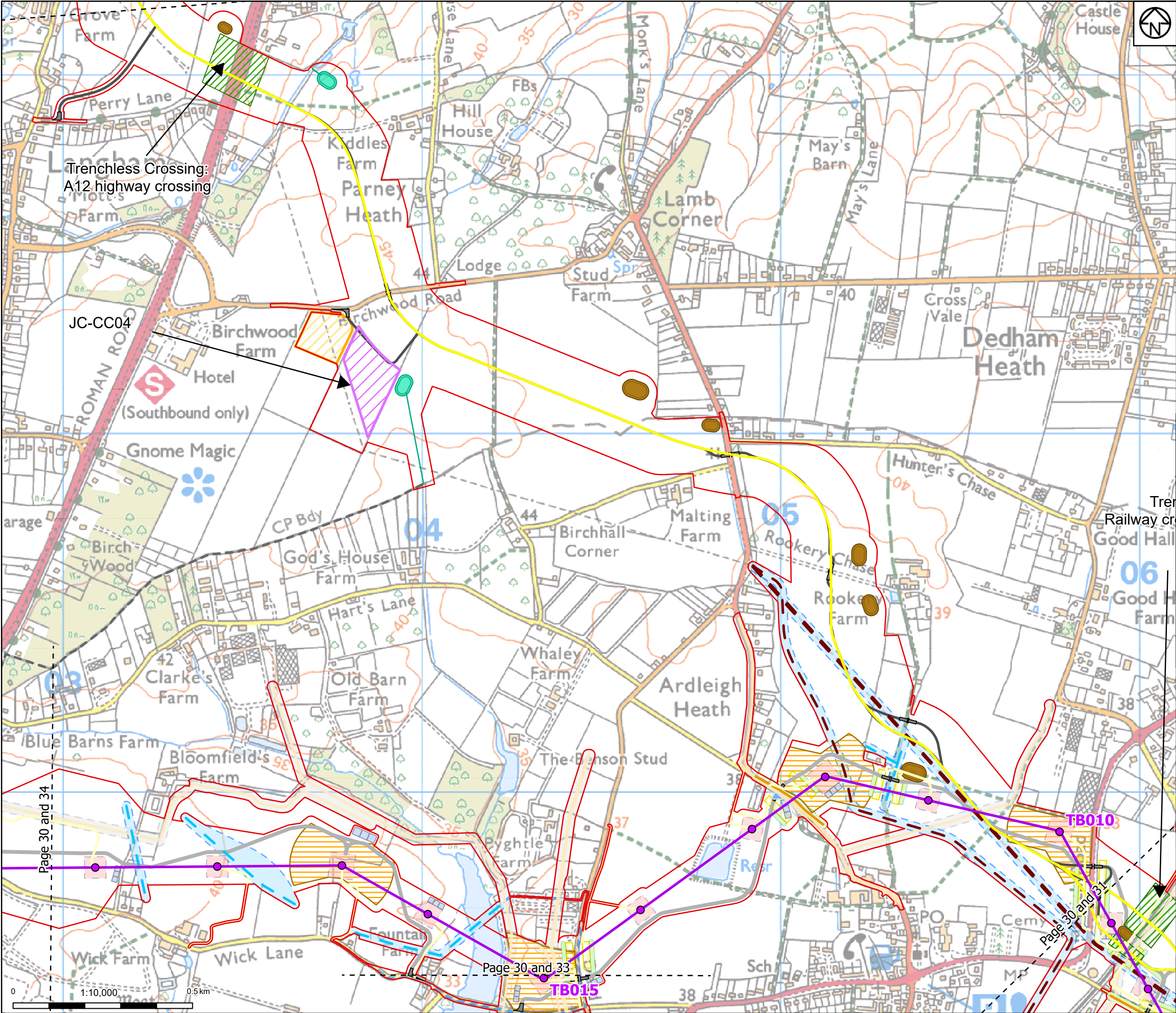
nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 29 of 60

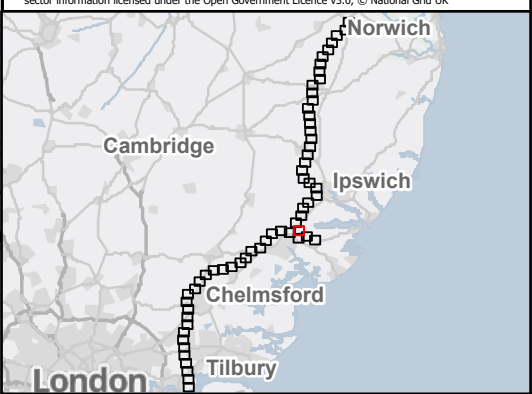
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051			Revision: A





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
  - Proposed trenchless crossings
- Proposed temporary design details**
- Proposed underground cable construction compound
  - Proposed overhead line access routes water crossing
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basins**
- Proposed site access points
  - Proposed cabling haul road
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 30 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

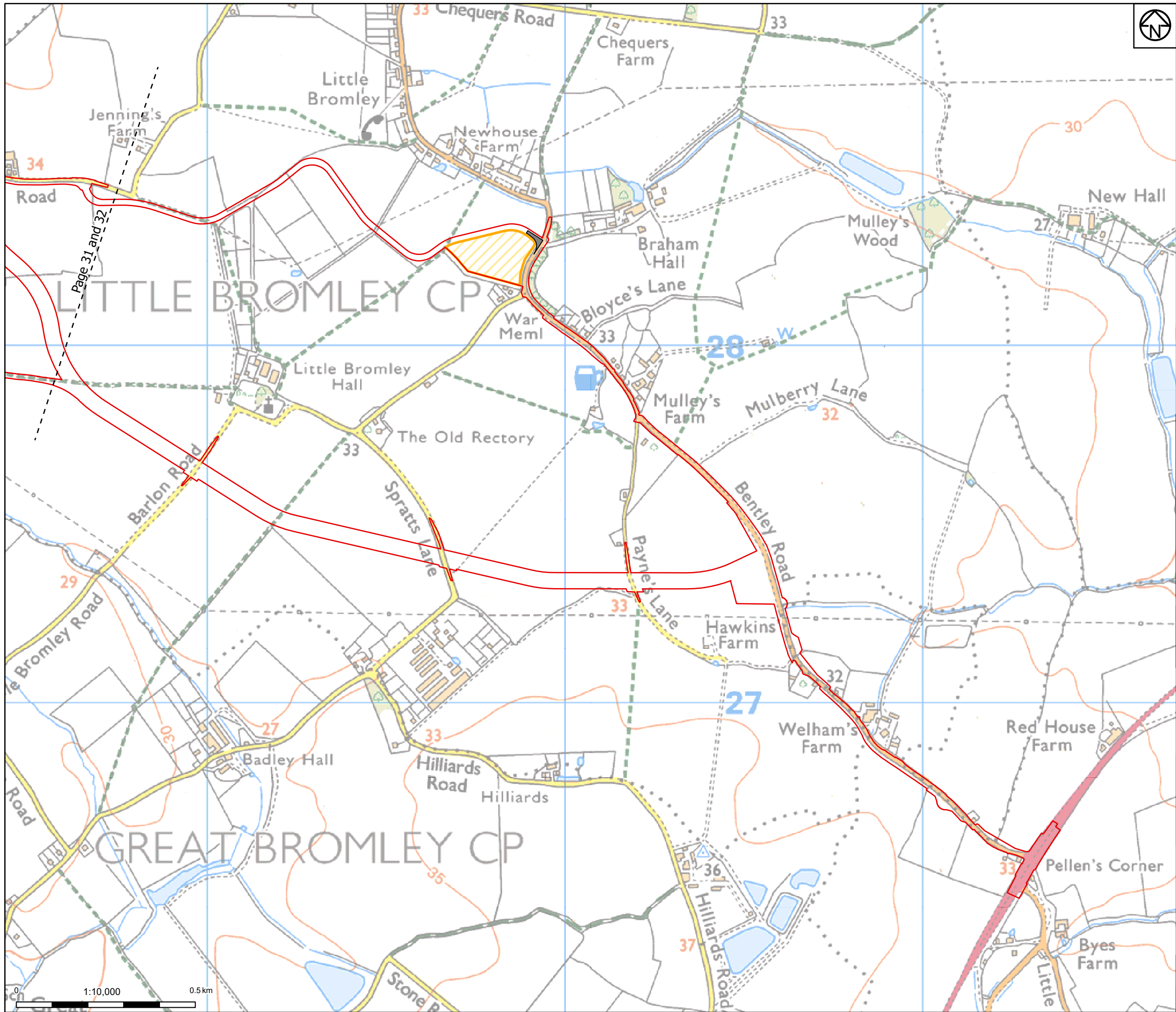
Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

Revision:  
A



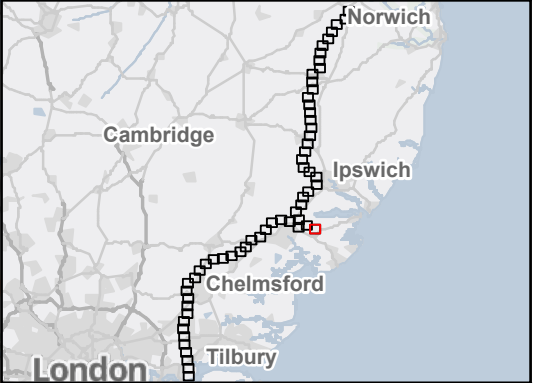






Draft order limits  
Proposed temporary design details  
Proposed site access points  
Proposed construction laydown areas  
Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 32 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

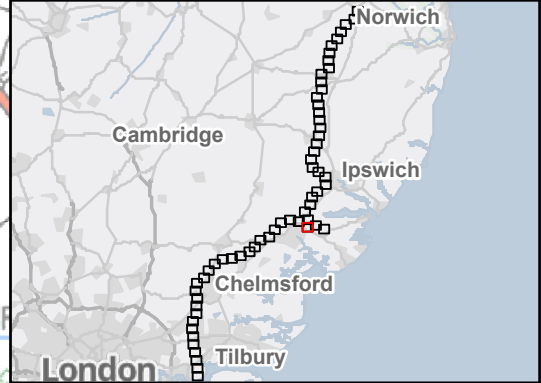
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
  - Proposed trenchless crossings
- Proposed temporary design details**
- Proposed temporary infiltration drainage
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed cabling haul road
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT: **Norwich to Tilbury**

**nationalgrid**

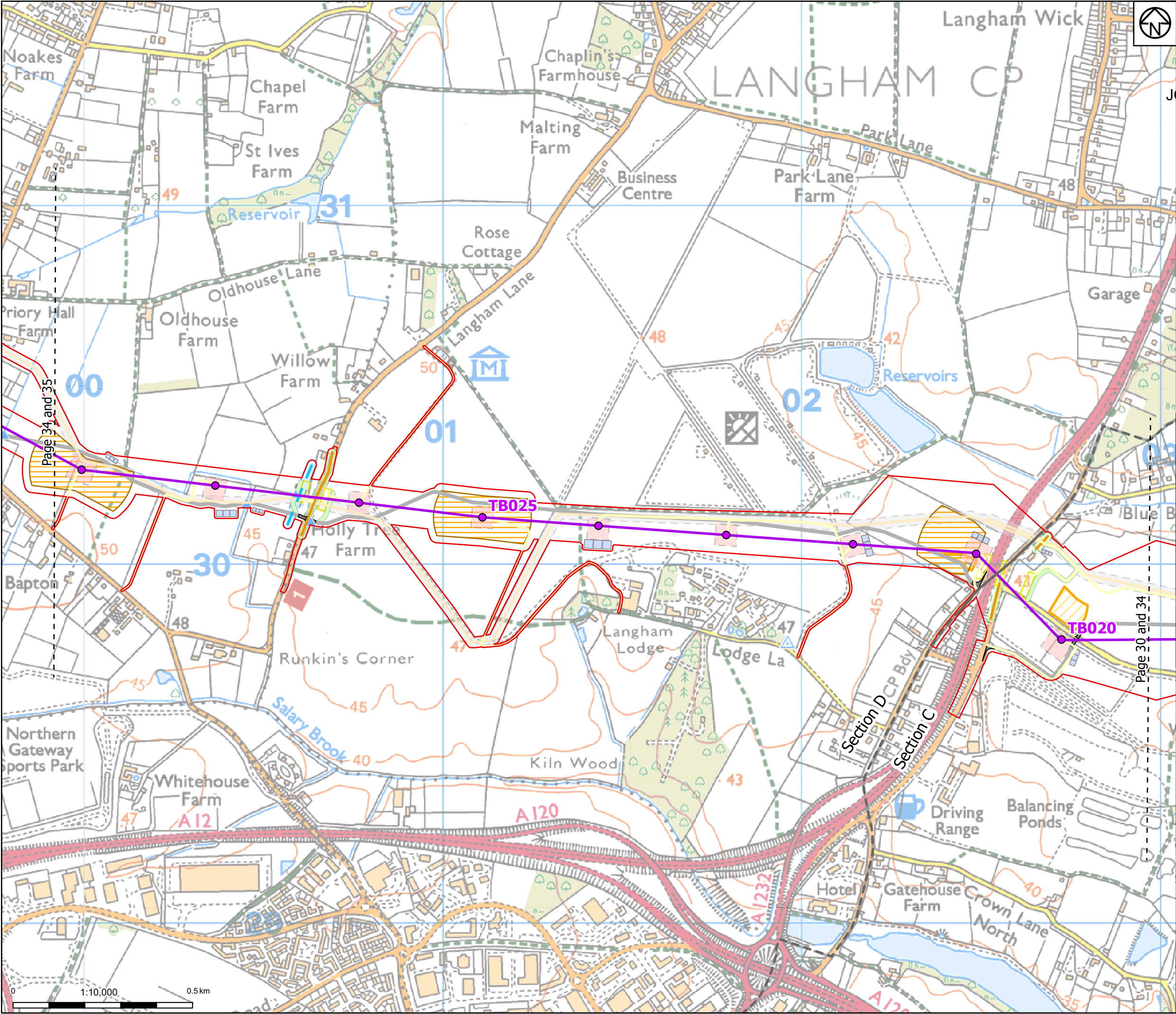
Title: **Figure 4.1 - Project Description - Proposed Project Design Page 33 of 60**

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: **Accepted as Concept Stage**

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





**Legend**

**Proposed permanent design details**

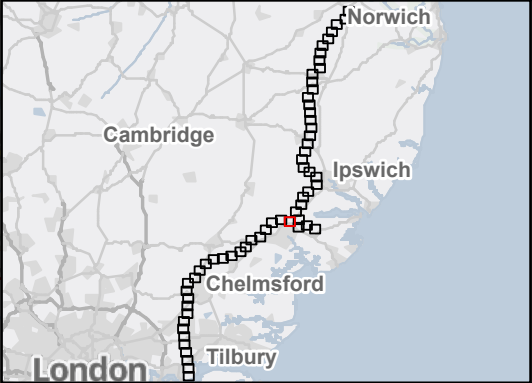
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area
- Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT: Norwich to Tilbury

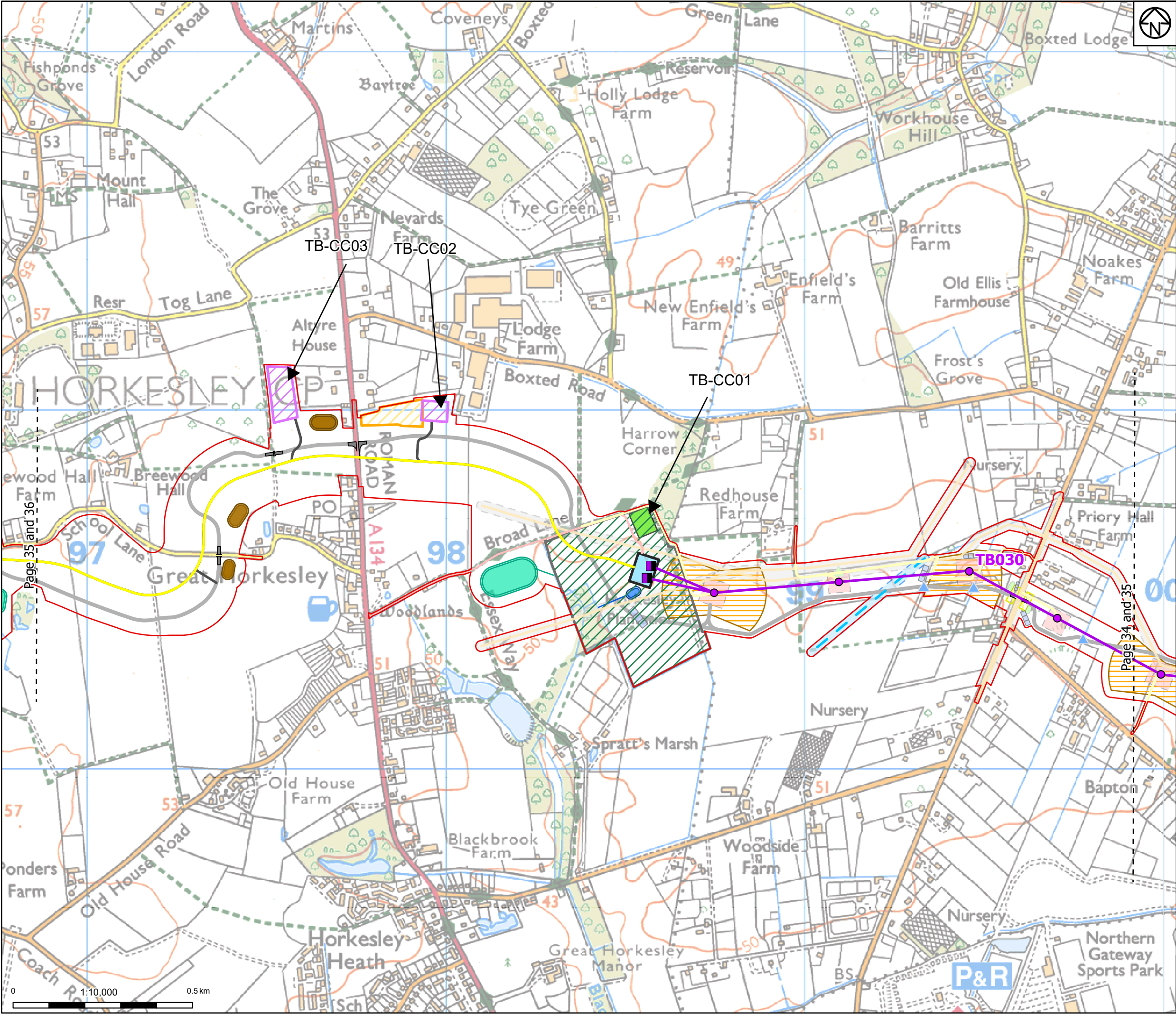
Title: Figure 4.1 - Project Description - Proposed Project Design Page 34 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





Draft order limits

Proposed permanent design details

Proposed full line tension gantry

Proposed pylon position

Proposed overhead line alignment

Proposed underground cable alignment

Proposed overhead line permanent access roads (no physical works)

Proposed substation / CSEC permanent access roads

Proposed 11kV overhead line mitigation required

Pipeline cathodic protection

Proposed cable sealing end compound

Proposed environmental areas

Proposed permanent attenuation drainage channel

Proposed permanent attenuation drainage pond

Proposed temporary design details

Proposed underground cable construction compound

Proposed CSE compound/substation construction compound

Proposed overhead line access routes water crossing

Proposed overhead line watercourse crossings

Proposed temporary attenuation drainage

Proposed temporary infiltration drainage

Proposed temporary attenuation drainage

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed cabling haul road

Proposed temporary construction haul road

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

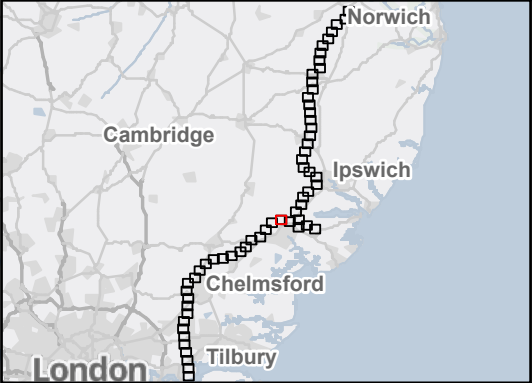
Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 35 of 60

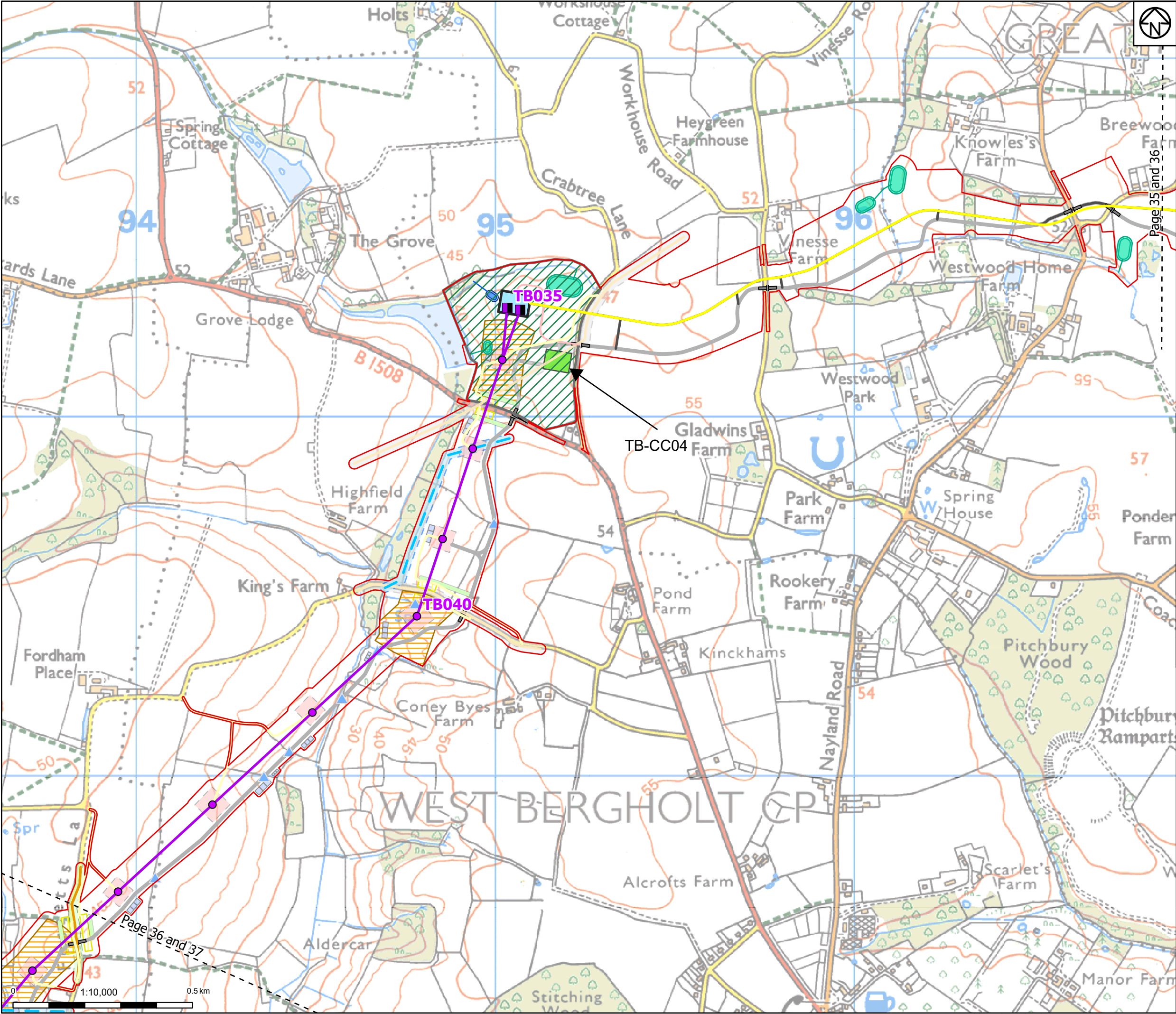
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

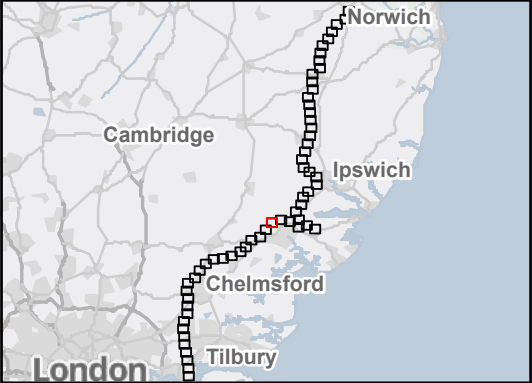
Revision:  
A





- Proposed permanent design details**
- Proposed full line tension gantry
  - Proposed pylon position
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed substation / CSEC permanent access roads
  - Proposed 11kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Proposed permanent attenuation drainage channel
  - Proposed permanent attenuation drainage pond
  - Proposed temporary attenuation drainage
- Proposed temporary design details**
- Proposed CSE compound/substation construction compound
  - Proposed overhead line access routes water crossing
  - Proposed temporary attenuation drainage
- Proposed temporary attenuation drainage**
- Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed cabling haul road
  - Proposed temporary construction haul road
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
**nationalgrid** Norwich to Tilbury

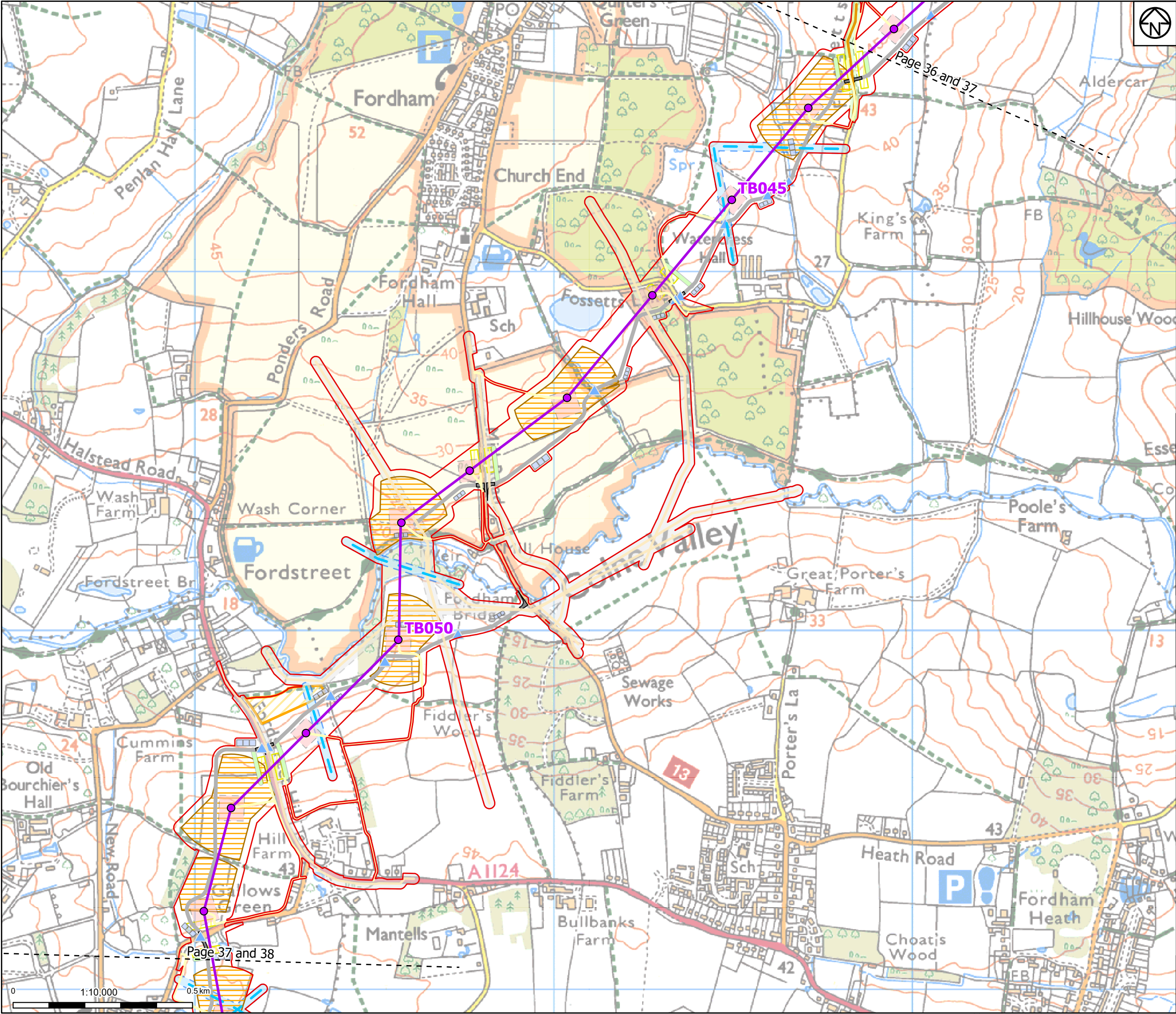
Title:  
**Figure 4.1 - Project Description - Proposed Project Design**  
Page 36 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

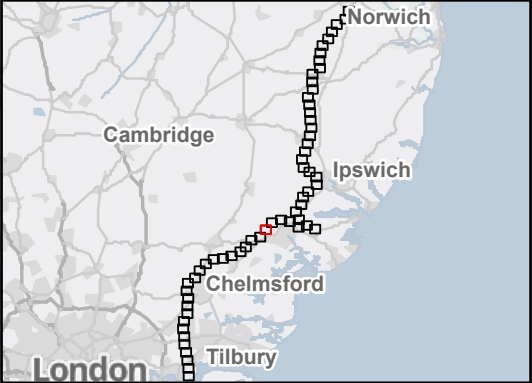
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design  
Page 37 of 60

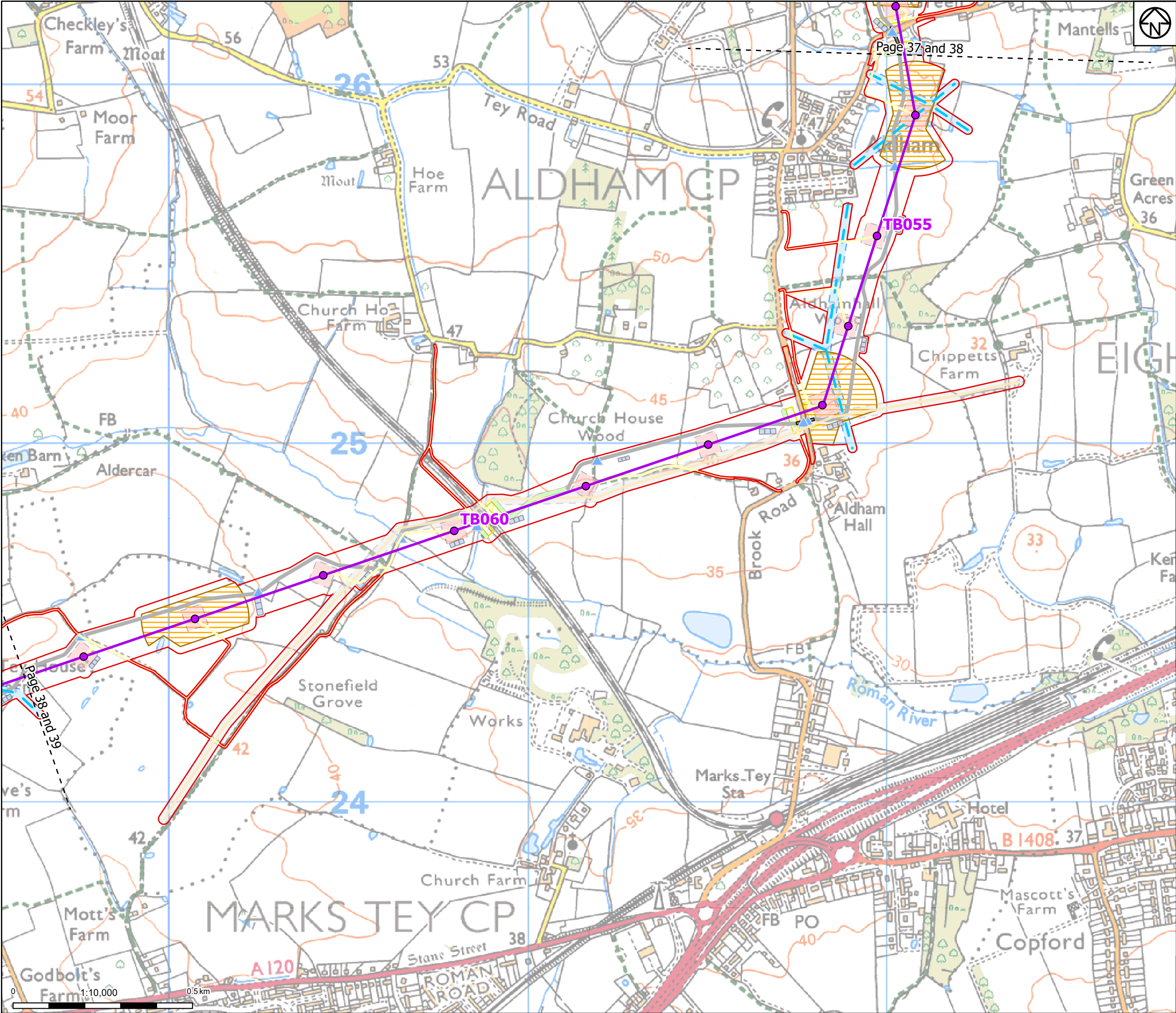
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

Drawing Number:	Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051	A





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

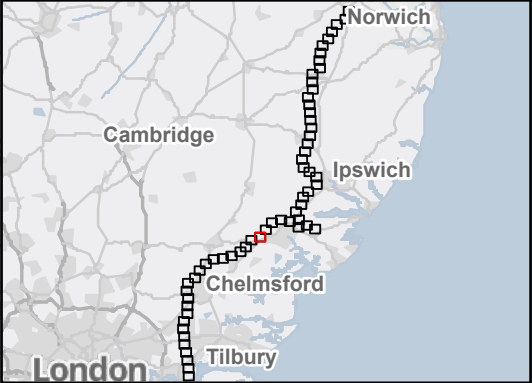
Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

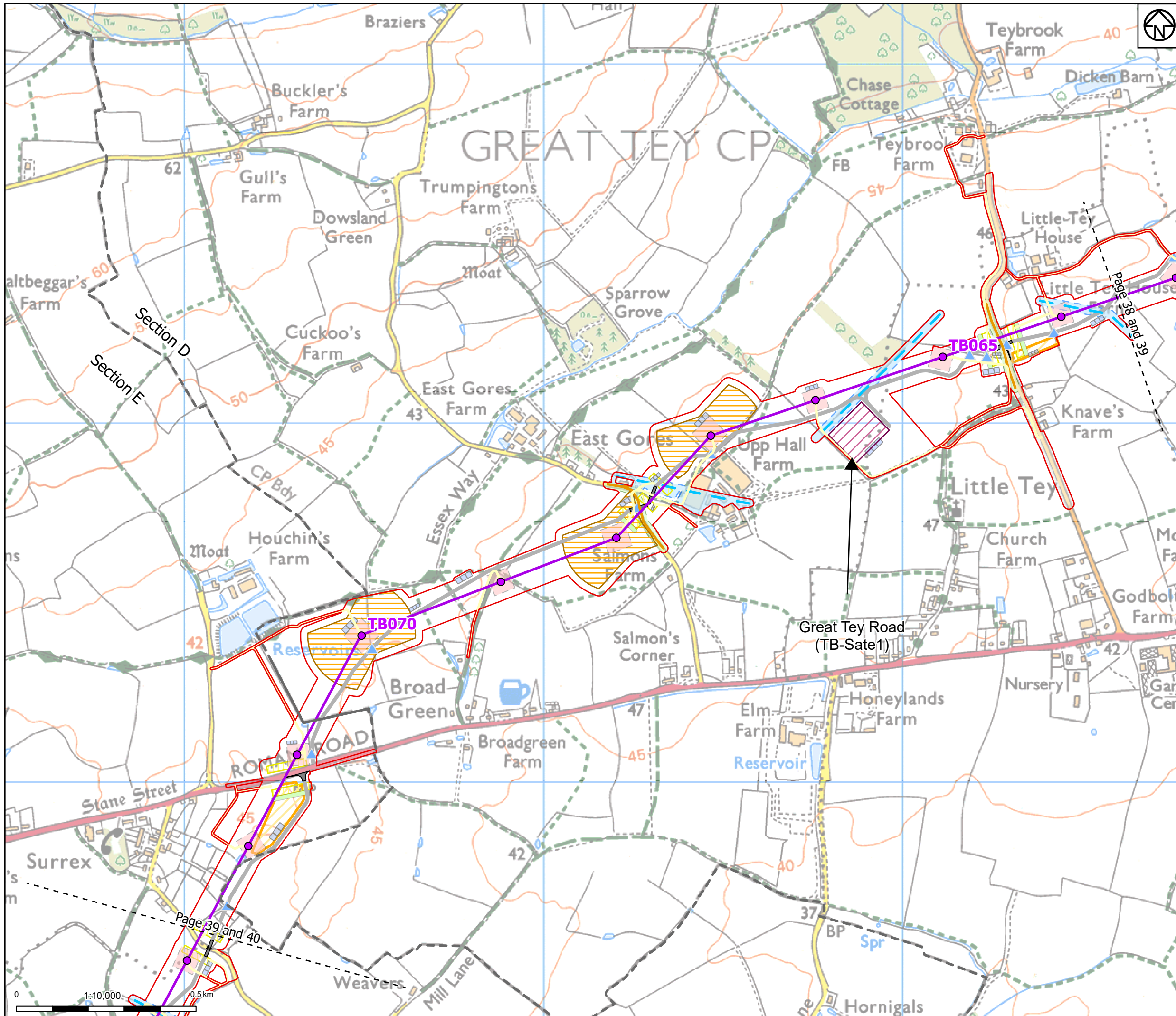
nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 38 of 60

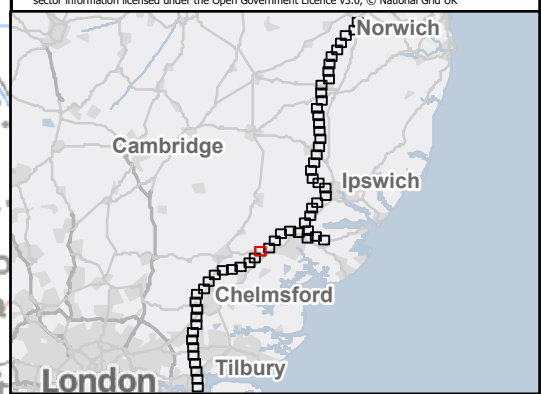
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051		Revision: A





- Legend**
- Draft order limits
  - Project section line
  - Proposed permanent design details**
    - Proposed pylon position
    - Proposed overhead line alignment
    - Proposed overhead line permanent access roads (no physical works)
    - Proposed 11kV overhead line mitigation required
    - BT overhead line mitigation
    - Pipeline cathodic protection
  - Proposed temporary design details**
    - Satellite construction compound
    - Proposed overhead line access routes water crossing
    - Proposed overhead line construction SuDS basins
    - Proposed site access points
    - Proposed overhead line haul road
    - Proposed overhead line crossing protection access route
    - Proposed crossing protection access route buffer
    - Proposed pylon construction work area
    - Proposed overhead line pulling location
    - Proposed overhead line crossing protection work area
    - Proposed UKPN overhead line mitigation work area (wood pole lines)
    - Proposed BT overhead line mitigation work area
    - Proposed pipeline cathodic protection work area
    - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



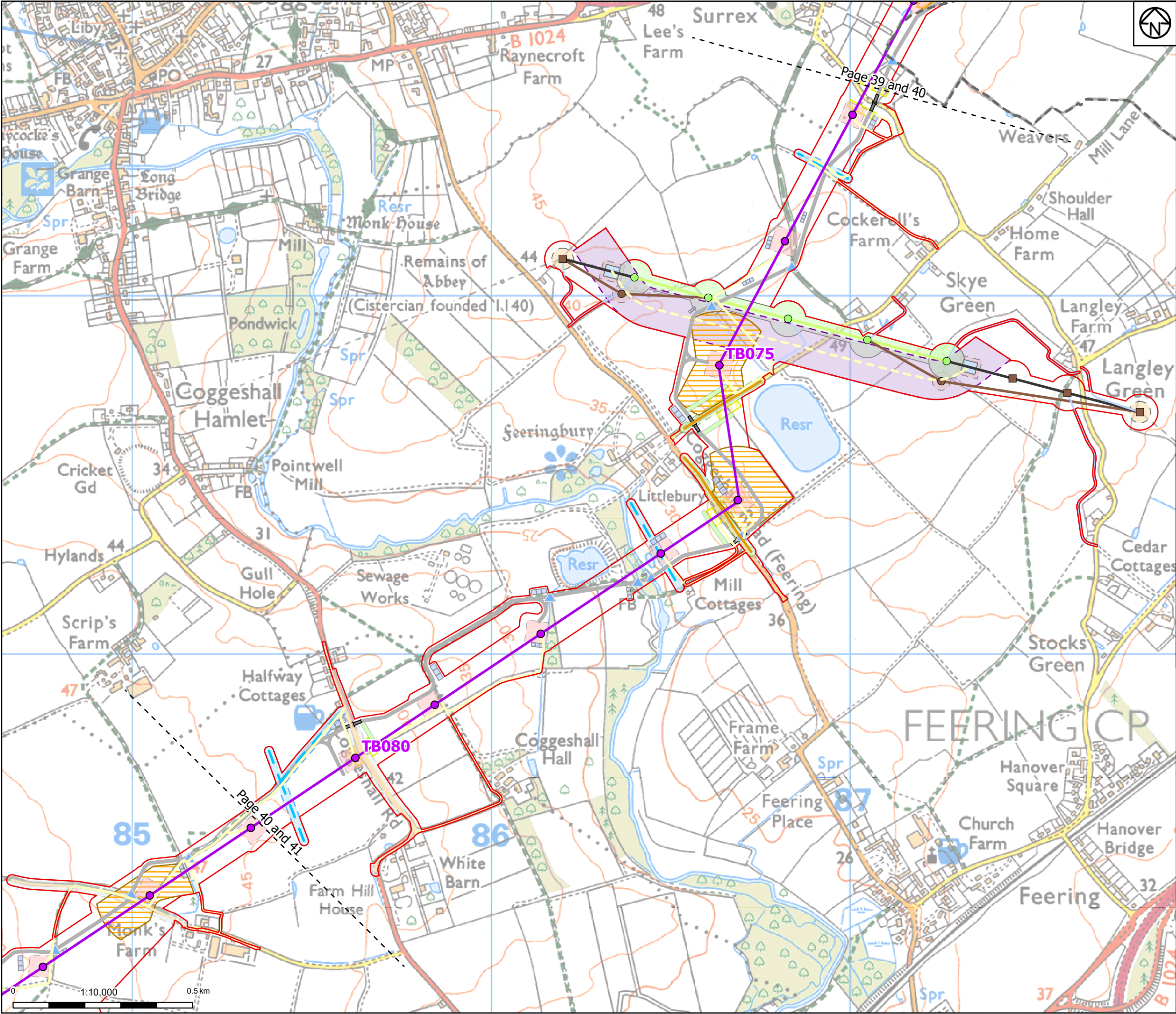
Rev	Date	Description	Drawn	Check	Approv
A	April 2024	FOR STATUTORY CONSULTATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

Title:  
**Figure 4.1 - Project Description - Proposed Project Design**  
Page 39 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051			Revision: A





- Draft order limits

Project section line

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed UKPN cable centreline

BT overhead line mitigation

Pipeline cathodic protection

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN tower access

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN cable construction swathe

Proposed UKPN cable construction swathe

Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

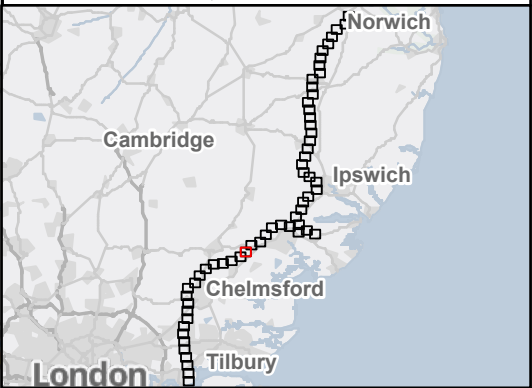
Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0. © National Grid UK



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

nationalgrid

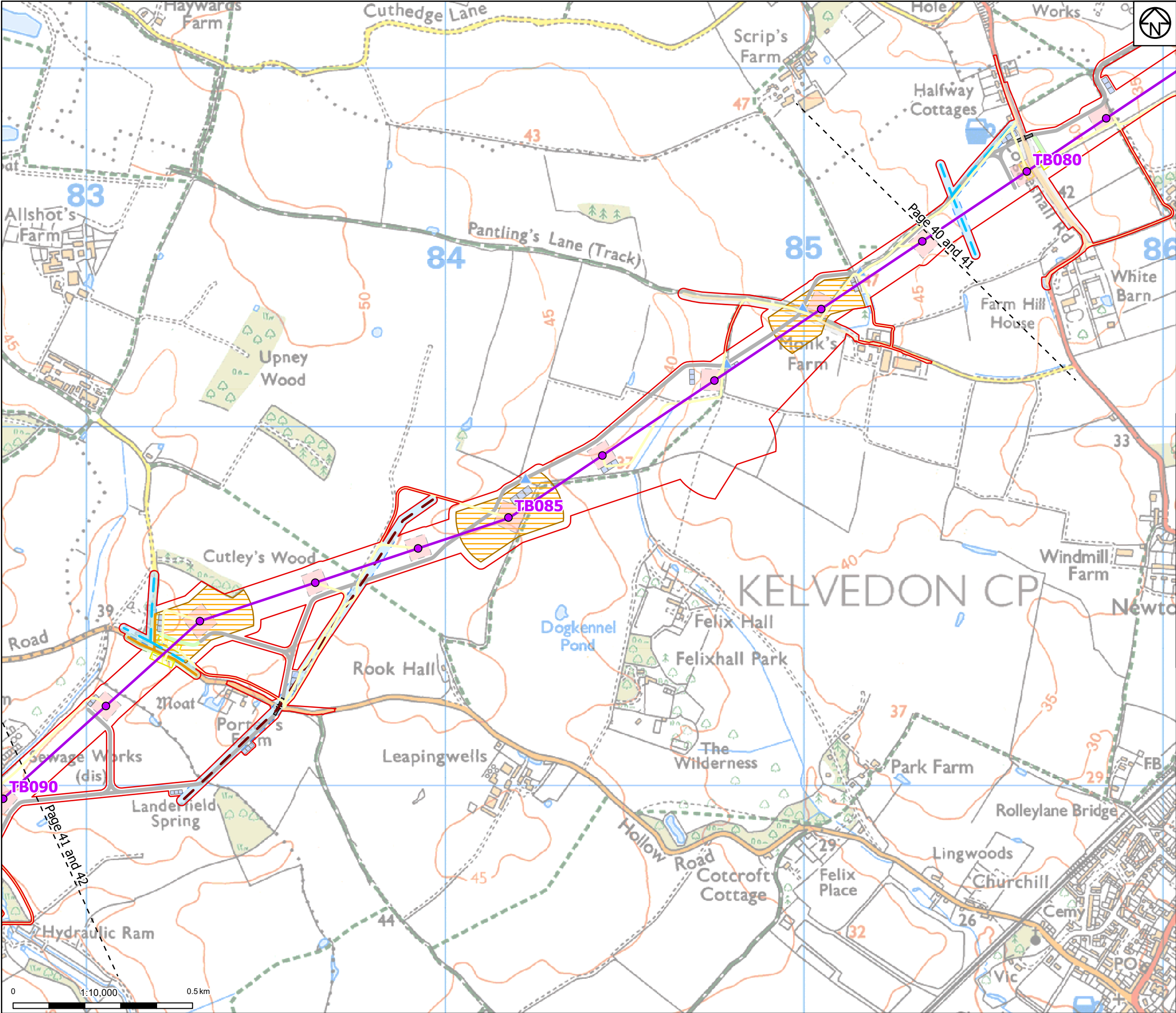
PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 40 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage	
Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A





**Proposed permanent design details**

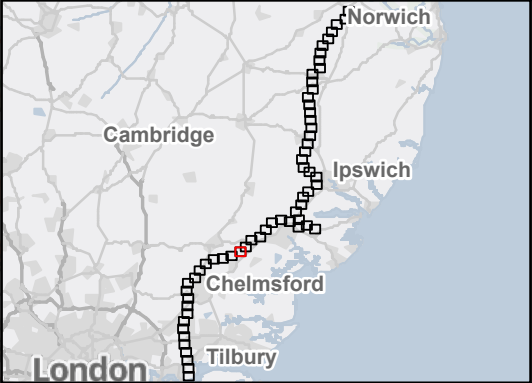
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- Proposed 33kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
Norwich to Tilbury

**Figure 4.1 - Project Description - Proposed Project Design**  
Page 41 of 60

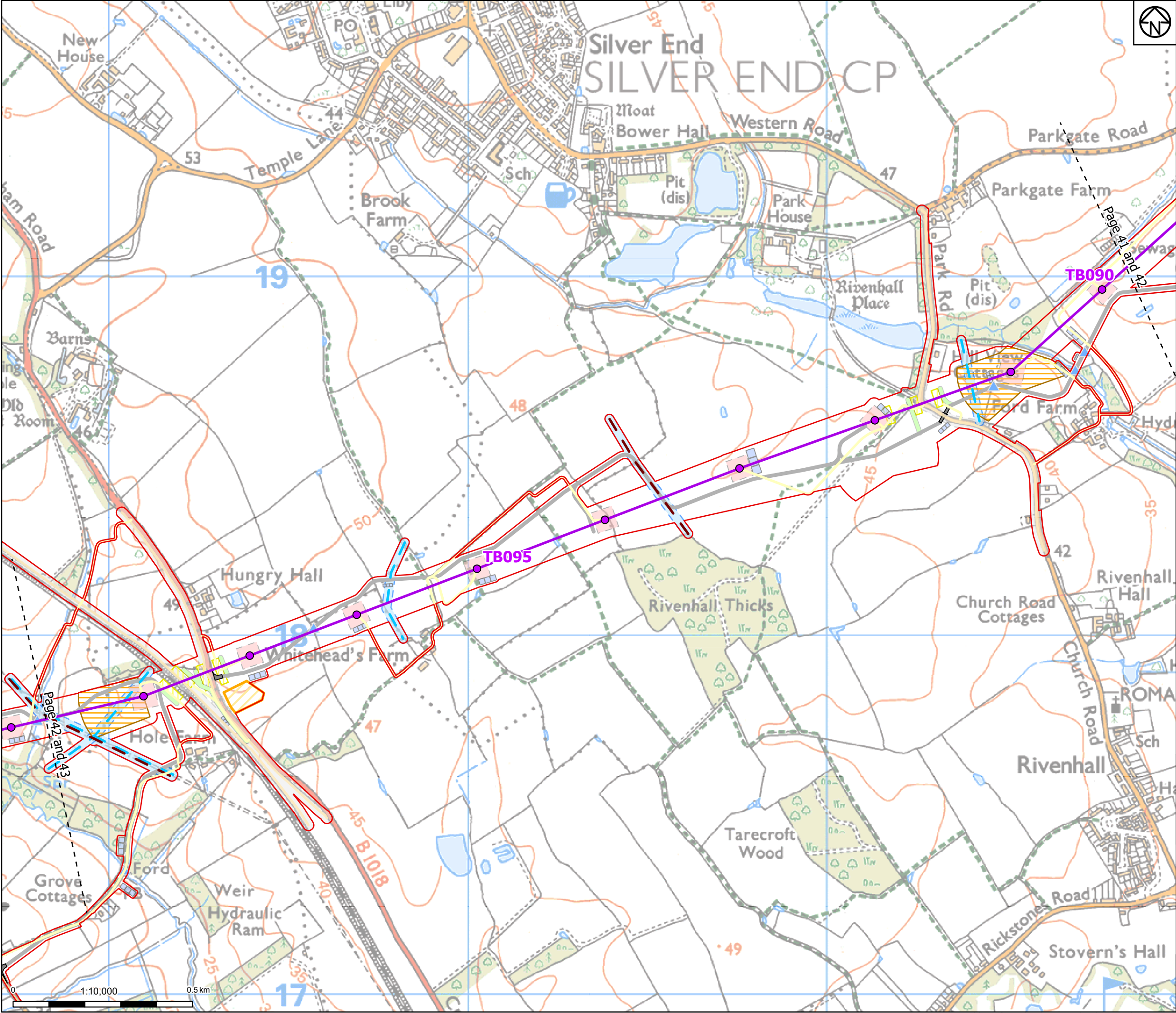
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051

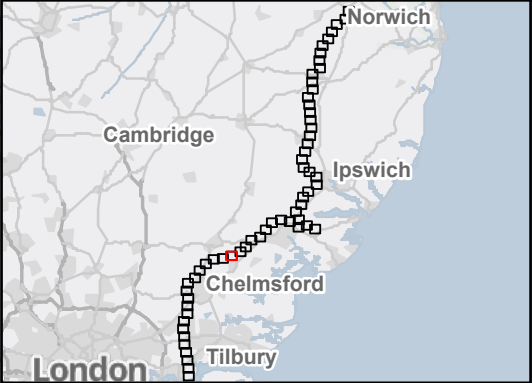
Revision: A





- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design

Page 42 of 60

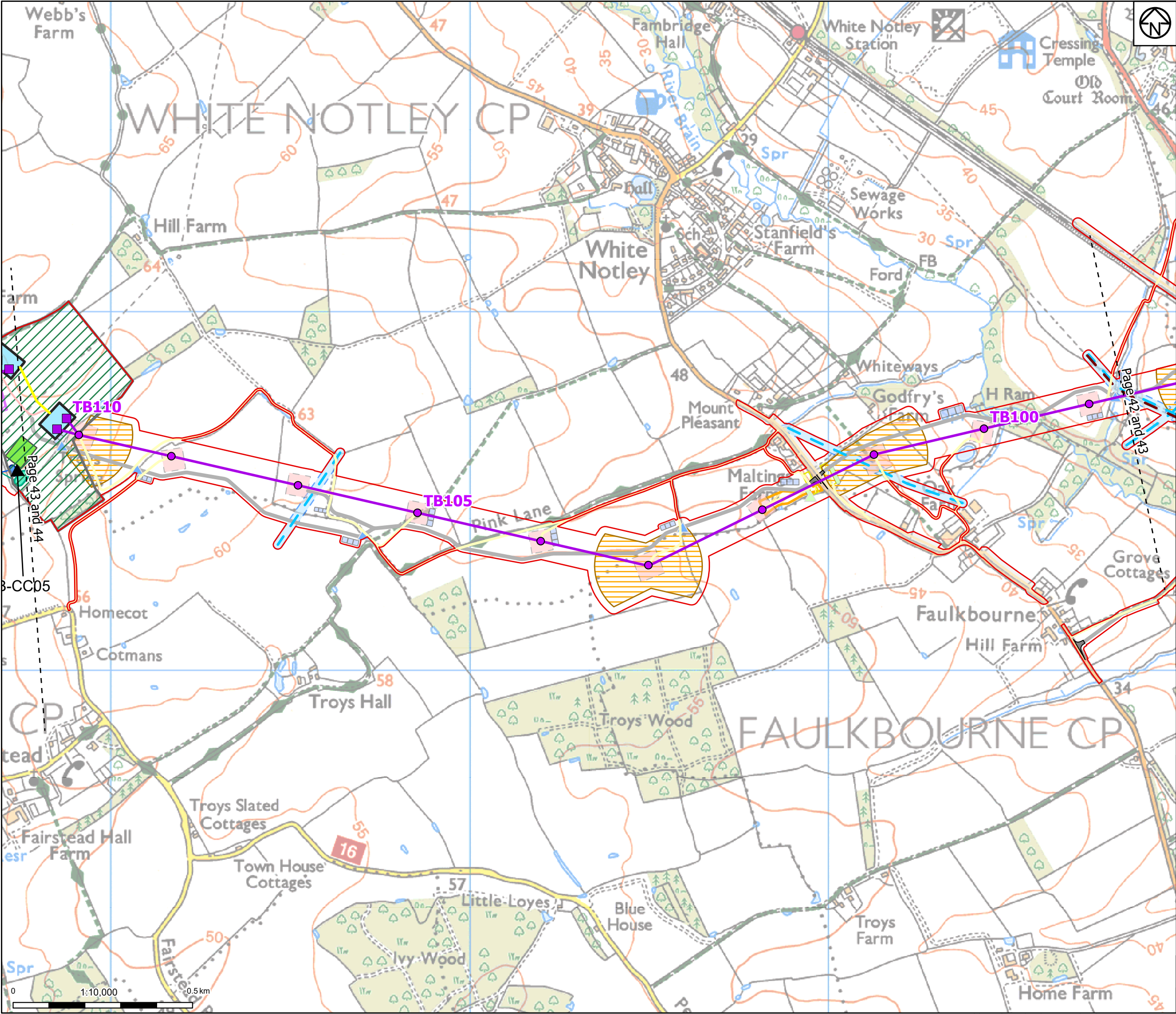
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

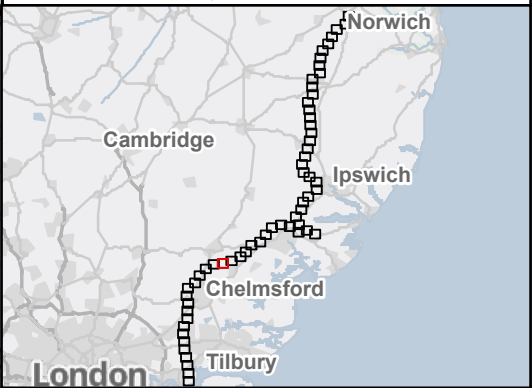
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





- Proposed permanent design details**
- Draft order limits
  - Proposed low duty gantry
  - Proposed pylon position
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed substation / CSEC permanent access roads
  - Proposed 11kV overhead line mitigation required
  - Proposed 33kV overhead line mitigation required
  - Pipeline cathodic protection
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Proposed permanent attenuation drainage channel
  - Proposed permanent attenuation drainage pond
  - Proposed underground cable construction compound
  - Proposed CSE compound/substation construction compound
  - Proposed overhead line access routes water crossing
- Proposed temporary design details**
- Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed temporary construction haul road
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

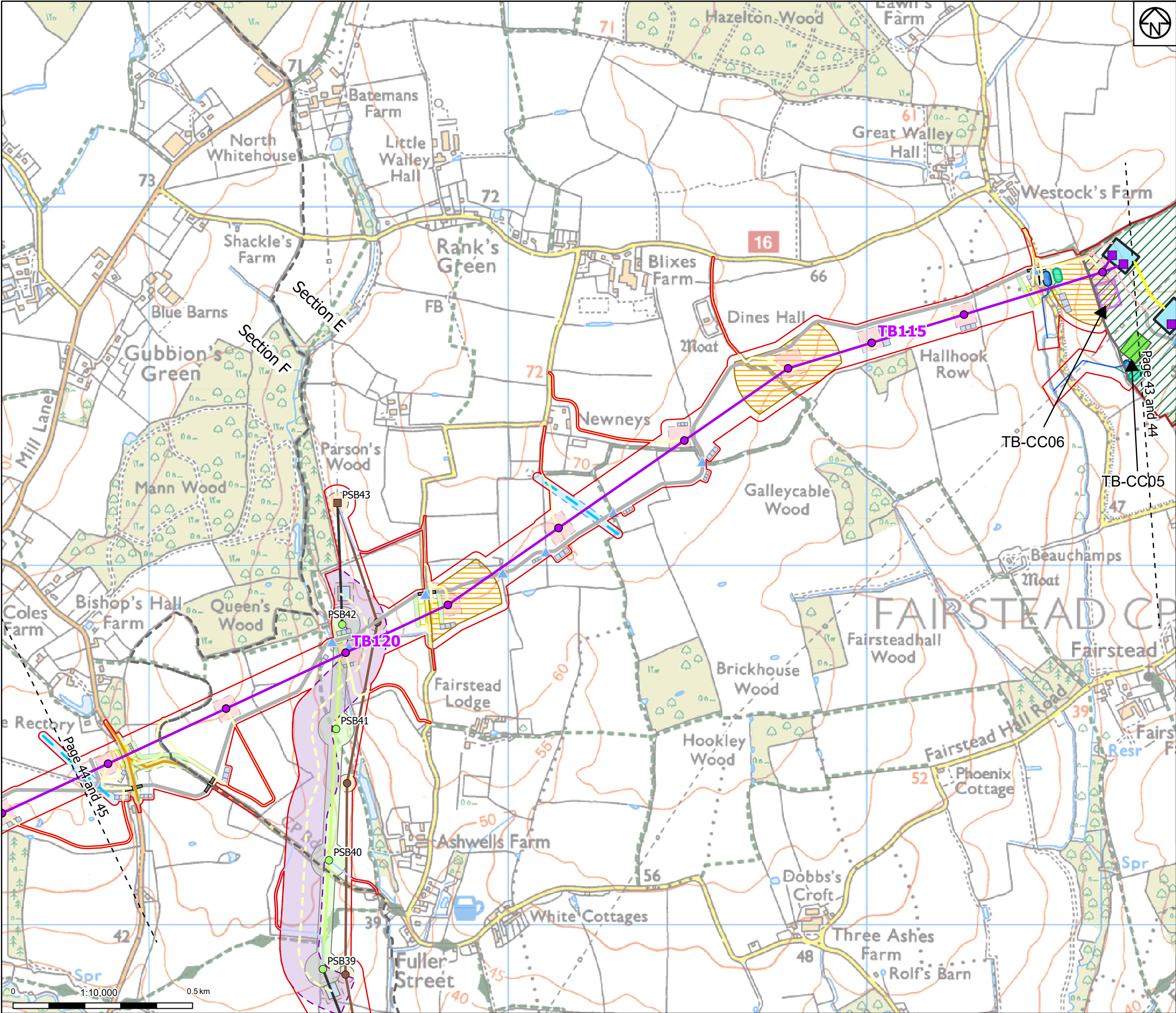
Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 43 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Draft order limits

Project section line

Proposed permanent design details

Proposed low duty gantry

Proposed pylon position

Proposed overhead line alignment

Proposed underground cable alignment

Proposed overhead line permanent access roads (no physical works)

Proposed substation / CSEC permanent access roads

Proposed 11kV overhead line mitigation required

Proposed UKPN cable centreline

BT overhead line mitigation

Proposed cable sealing end compound

Proposed environmental areas

Proposed permanent attenuation drainage channel

Proposed permanent attenuation drainage pond

Proposed temporary design details

Proposed underground cable construction compound

Proposed CSE compound/ substation construction compound

Proposed overhead line access routes water crossing

Proposed temporary attenuation drainage

Proposed temporary attenuation drainage

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed temporary construction haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN tower access

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN cable construction swathe

Proposed UKPN cable construction swathe

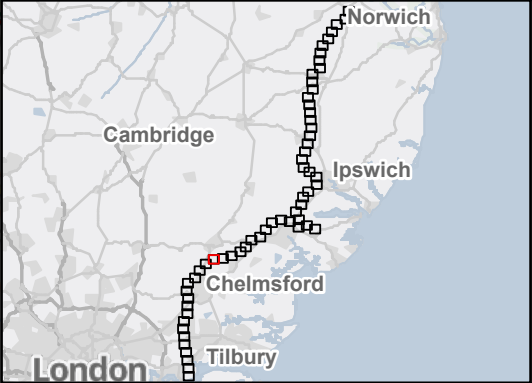
Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

Proposed BT overhead line mitigation work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

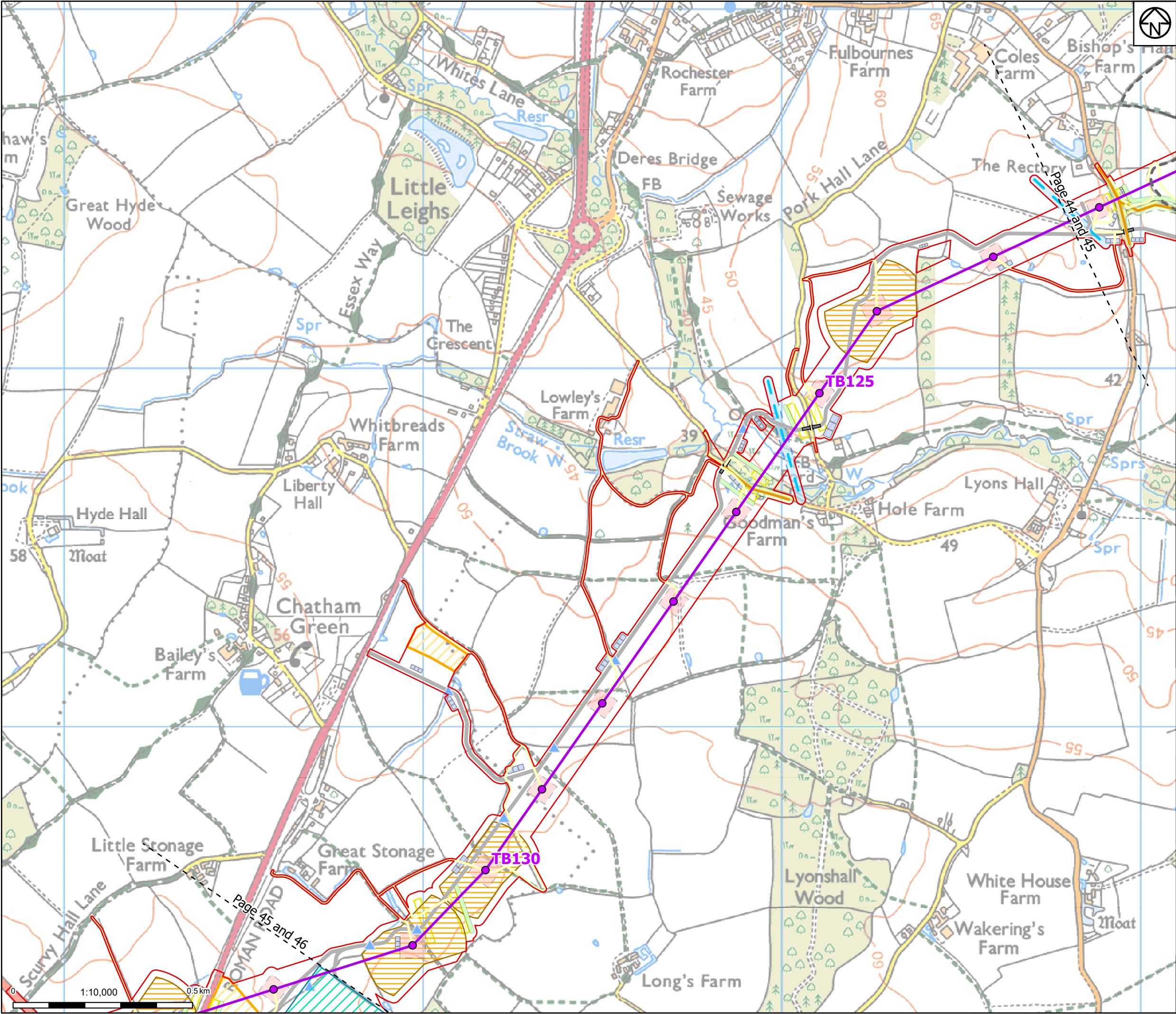
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 44 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Draft order limits

Project section line

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Proposed temporary design details

Main construction compound

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 45 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

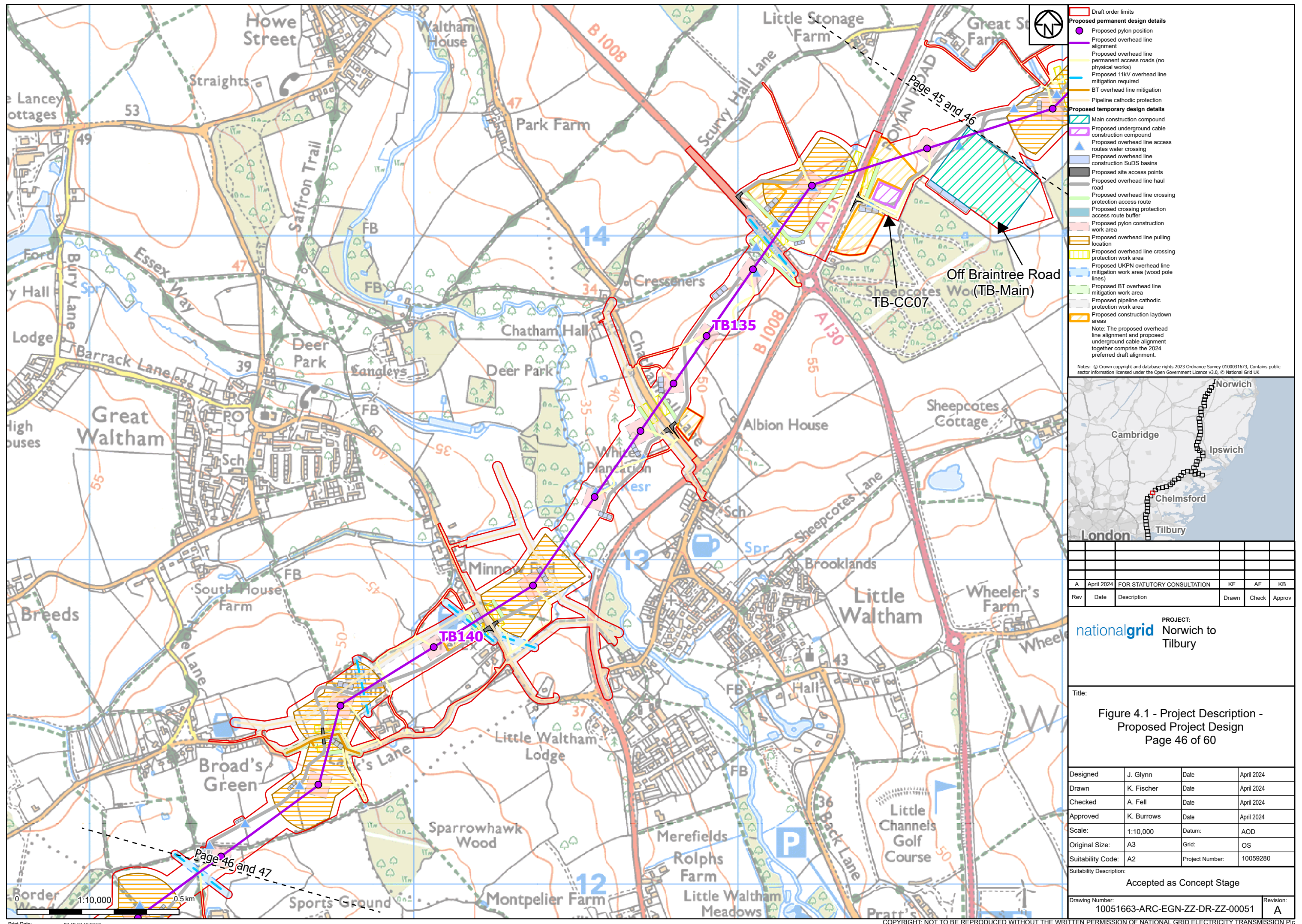
Suitability Description:  
Accepted as Concept Stage

Drawing Number:	Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051	A

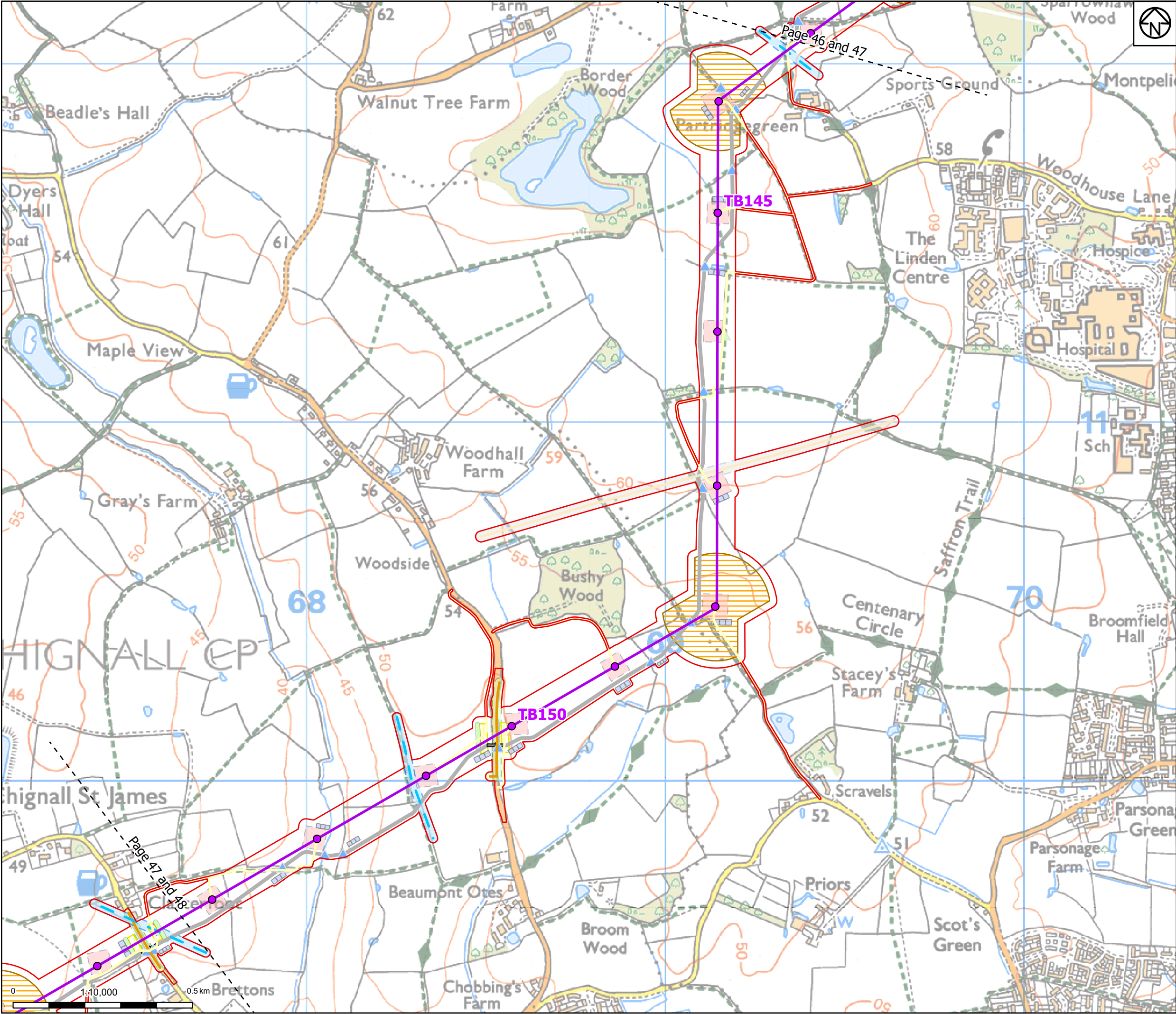
Print Date: 03-18-24 10:50:26

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC









**Proposed permanent design details**

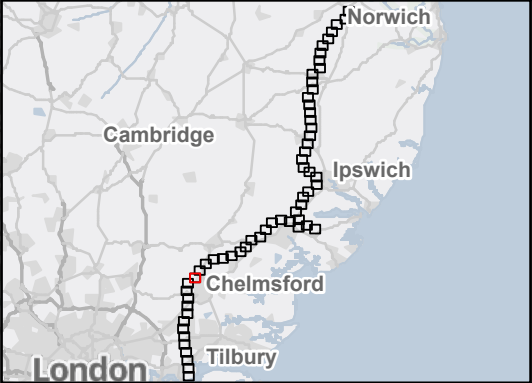
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line watercourse crossings
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

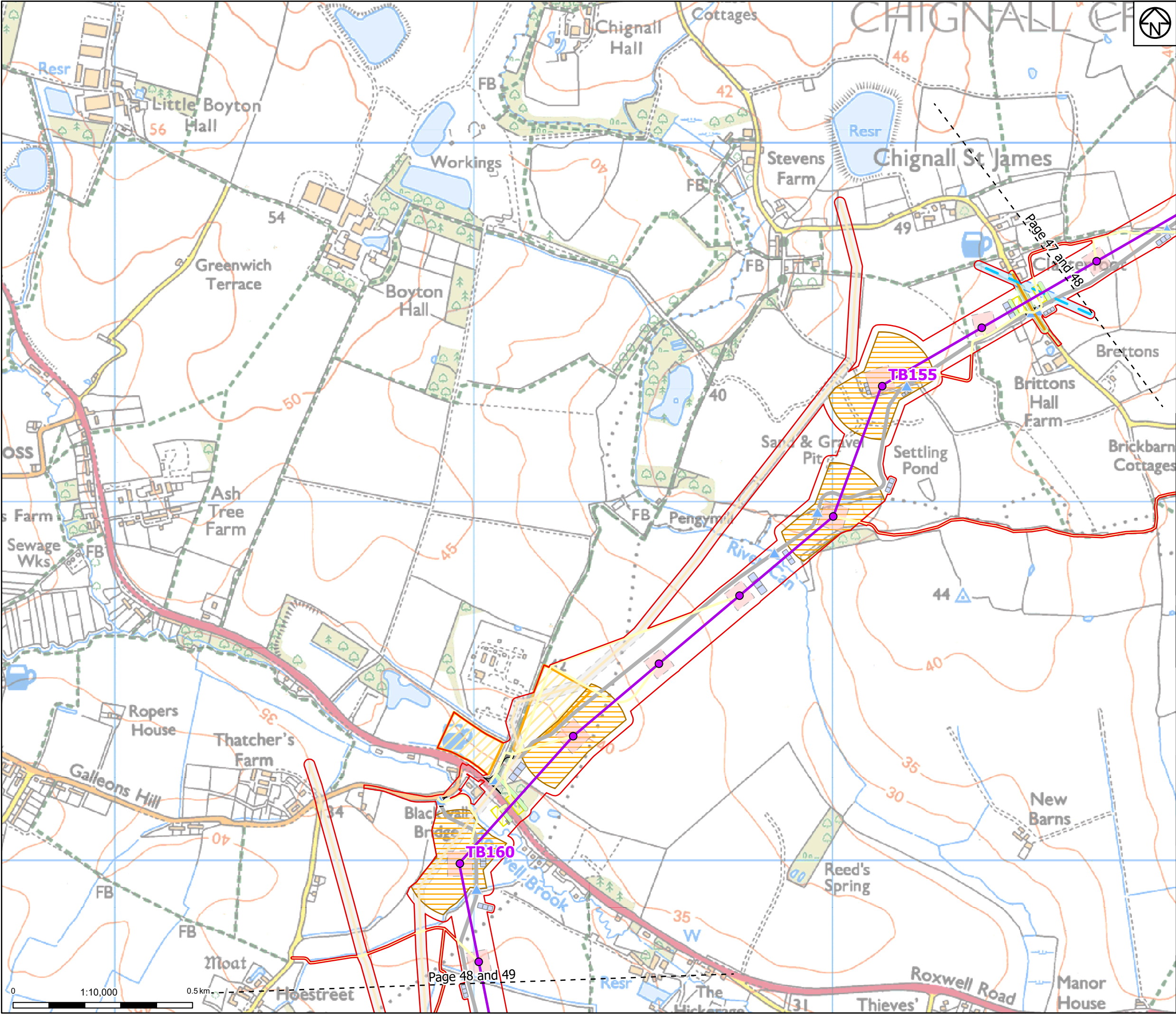
Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 47 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051	A





**Proposed permanent design details**

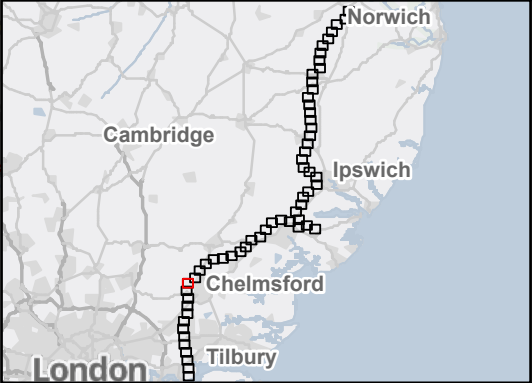
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area
- Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 48 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

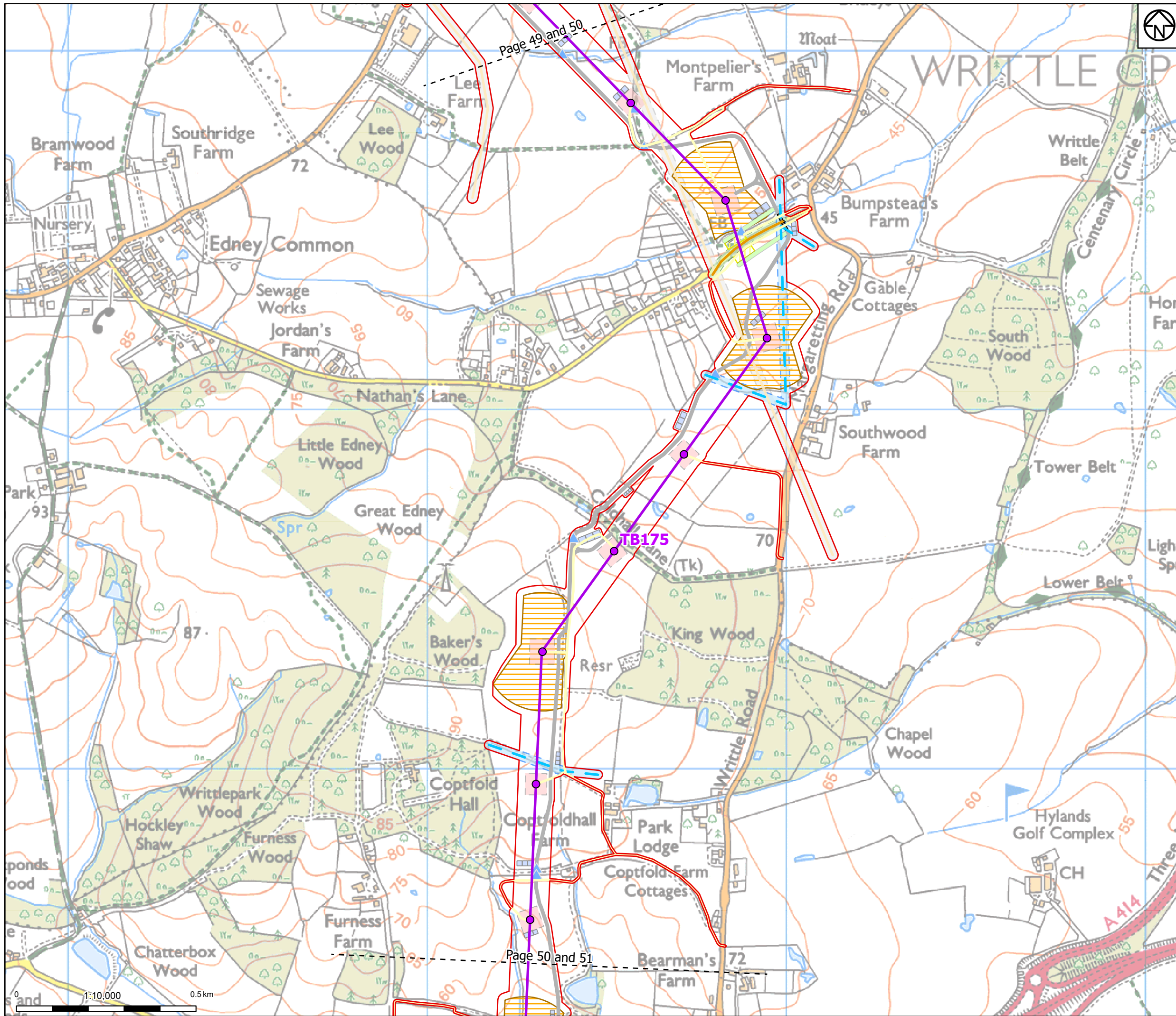
Suitability Description:  
Accepted as Concept Stage

Drawing Number:	Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051	A



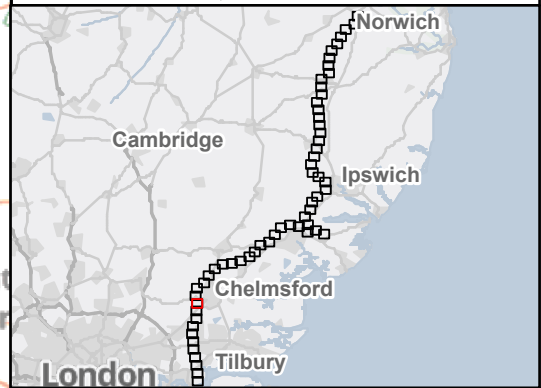






- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

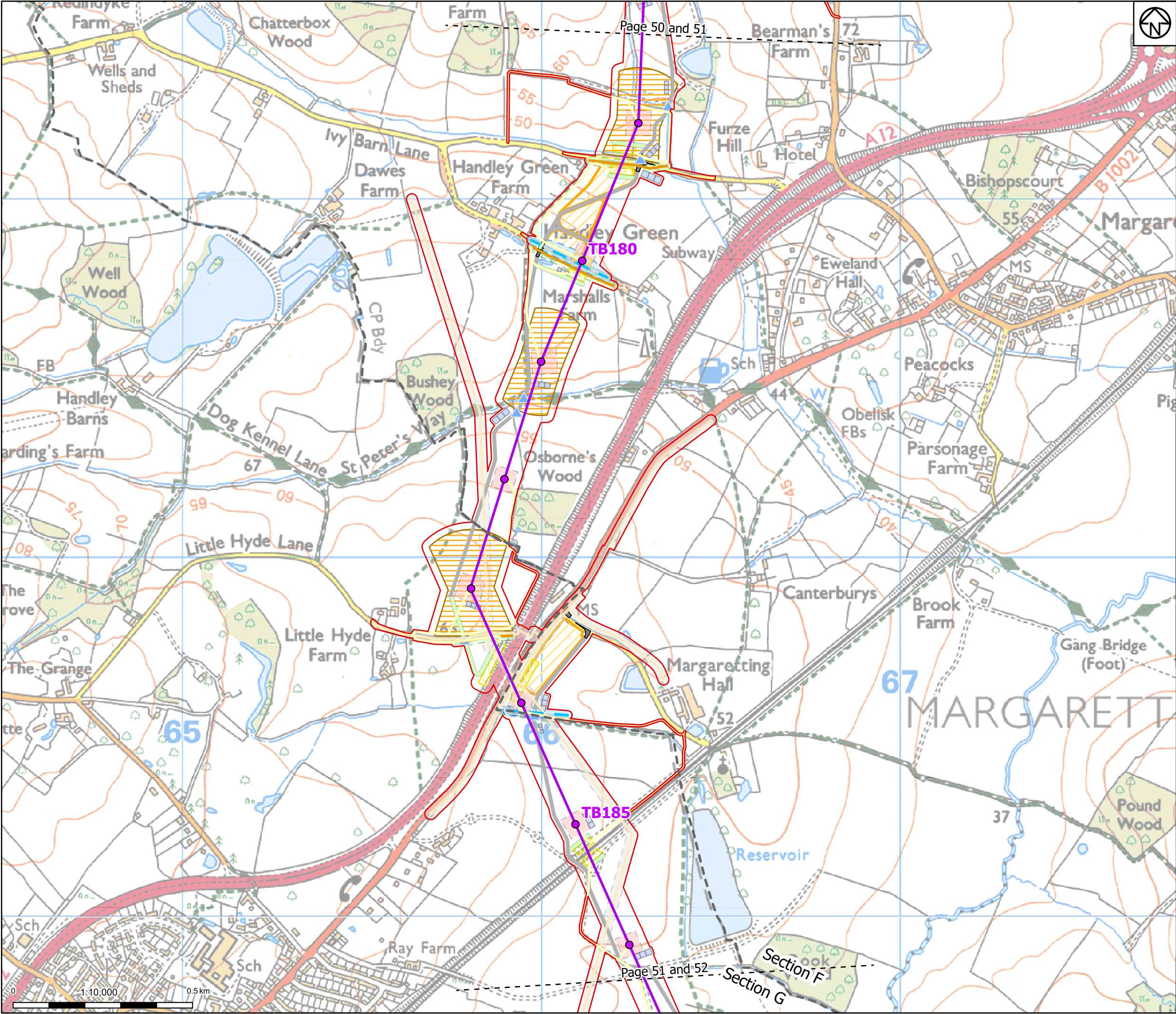
Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 50 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

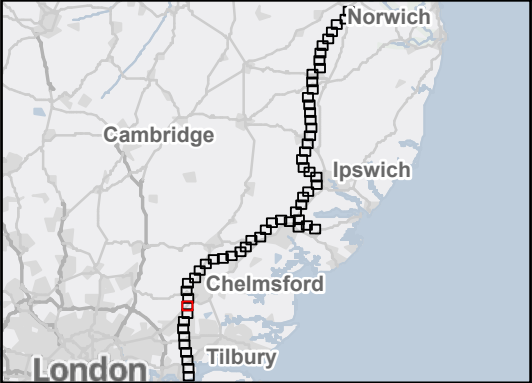
Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051  
Revision:  
A





- Draft order limits
- Project section line
- Proposed permanent design details**
  - Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
  - Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
  - Proposed construction laydown areas
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:

Figure 4.1 - Project Description - Proposed Project Design

Page 51 of 60

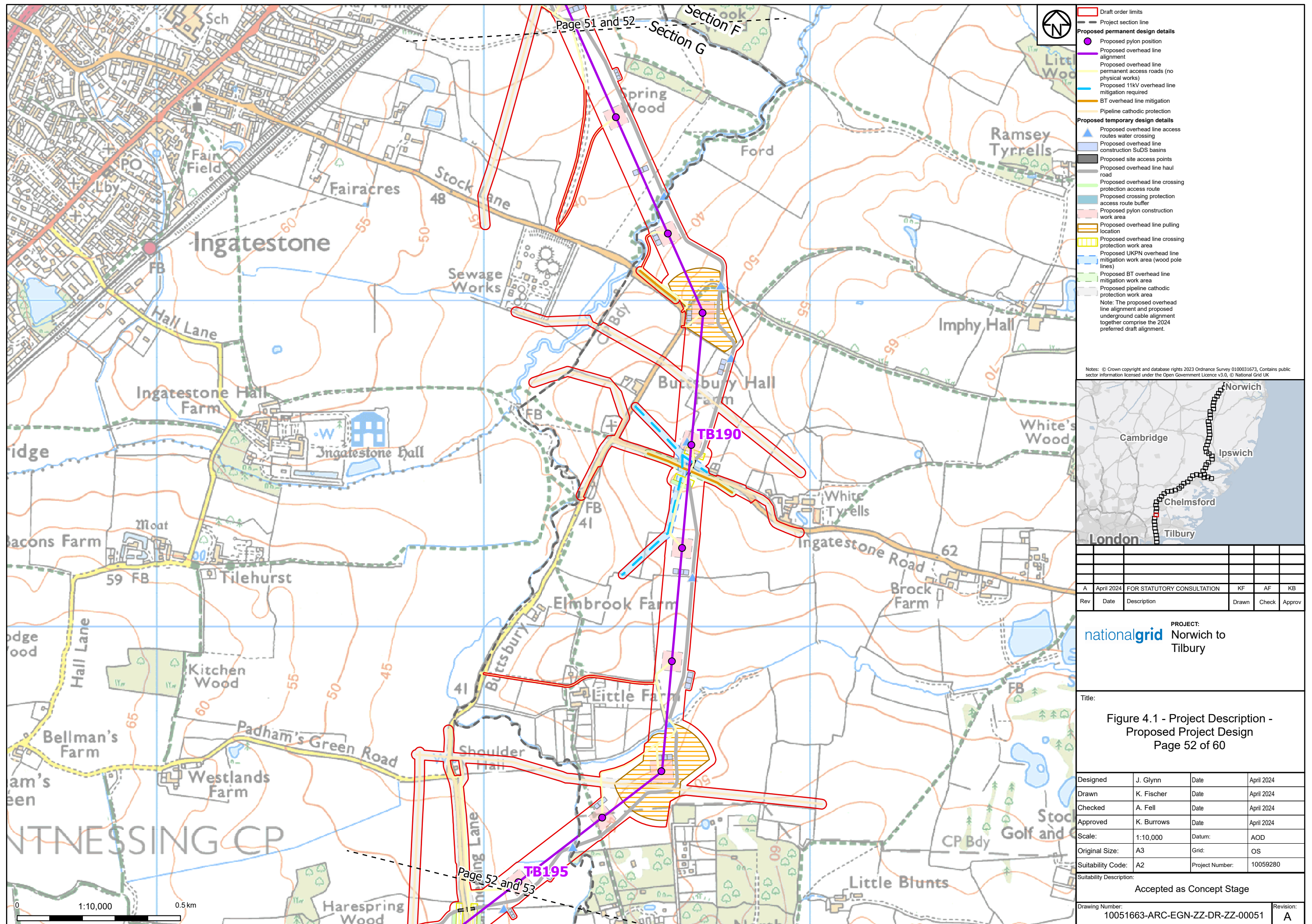
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

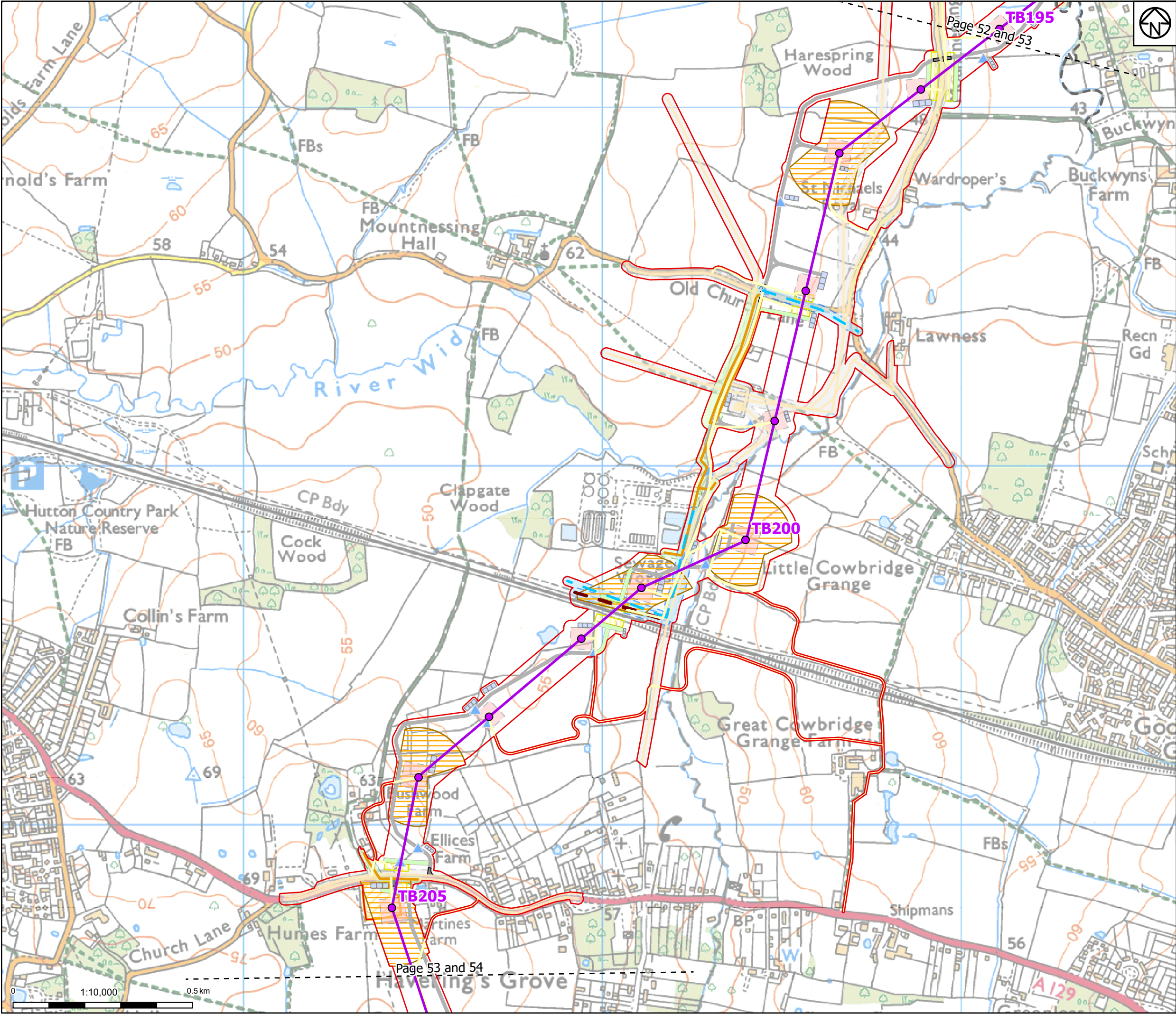
Accepted as Concept Stage

Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---









Draft order limits

Project section line

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

Proposed 33kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line watercourse crossings

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

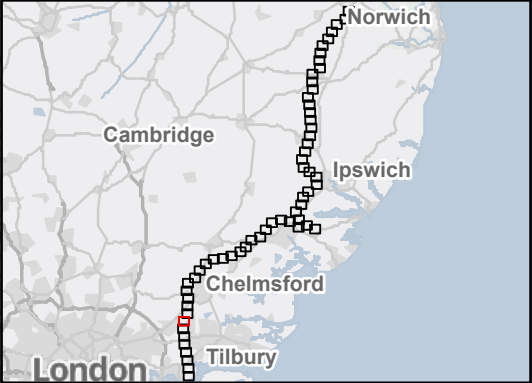
Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

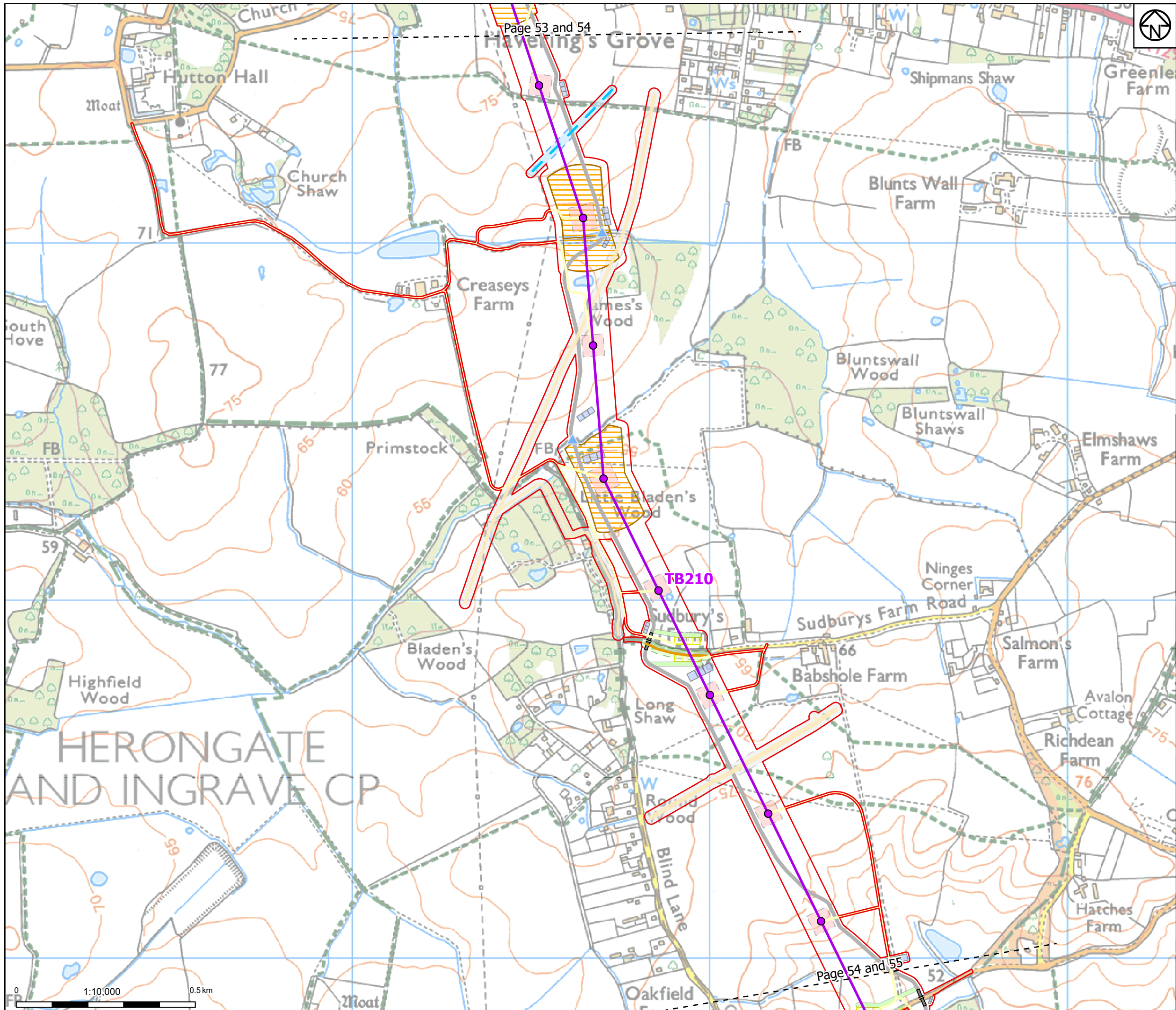
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 53 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed temporary design details

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

nationalgrid

PROJECT:

Norwich to Tilbury

Title:

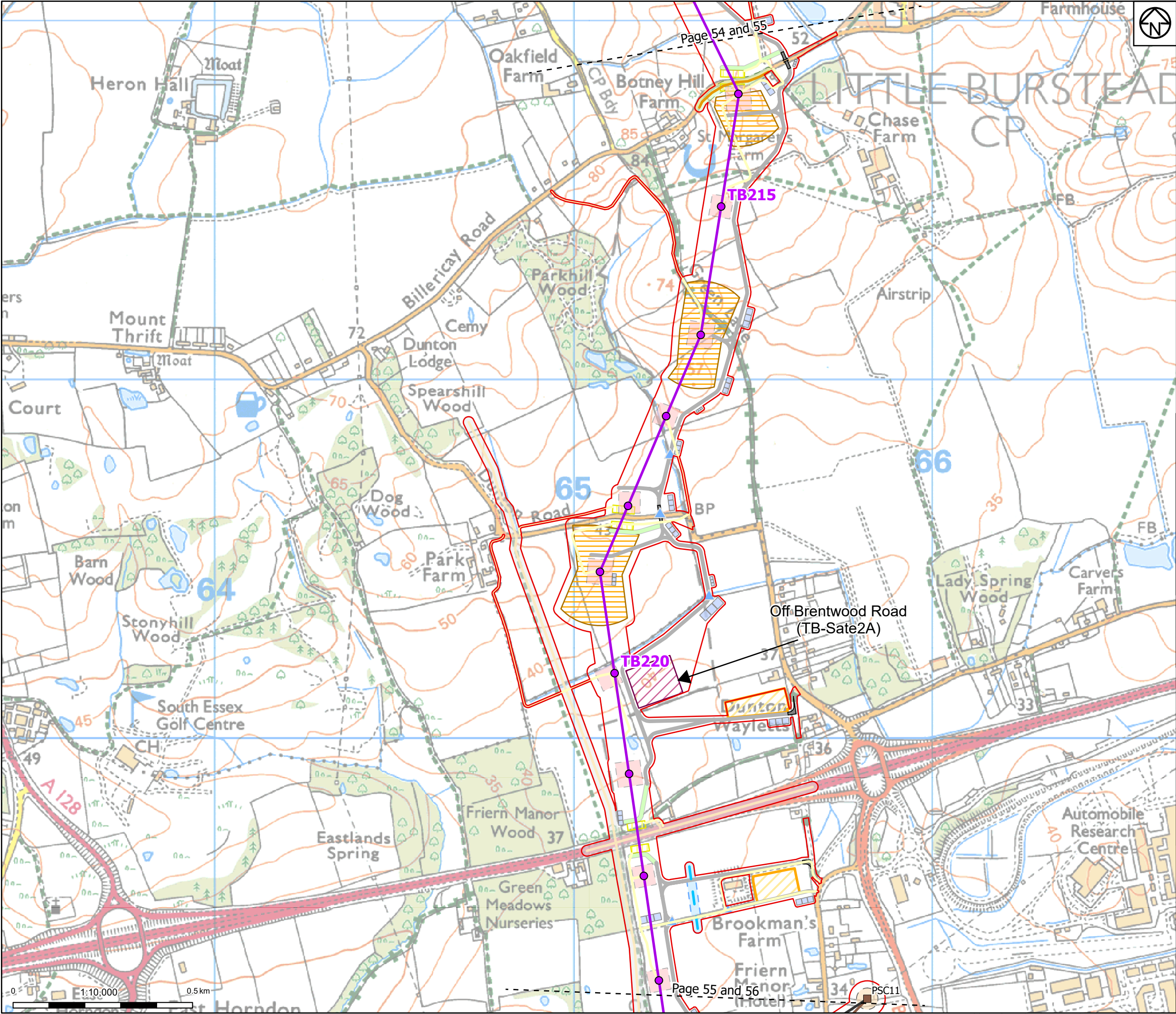
Figure 4.1 - Project Description - Proposed Project Design Page 54 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:			Revision:
10051663-ARC-EGN-ZZ-DR-ZZ-00051			A

Print Date: 03-18-24 10:51:03

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





Draft order limits

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed 11kV overhead line mitigation required

BT overhead line mitigation

Pipeline cathodic protection

Proposed temporary design details

Satellite construction compound

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed site access points

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN overhead line mitigation work area (wood pole lines)

Proposed UKPN overhead line temporary works

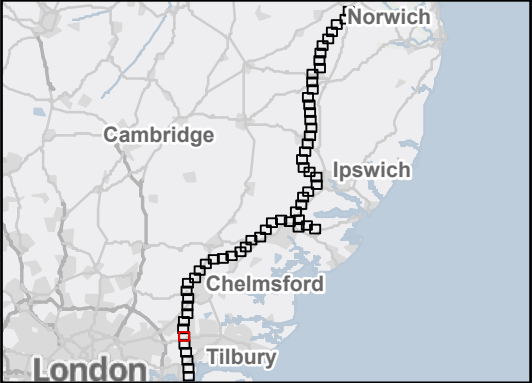
Proposed BT overhead line mitigation work area

Proposed pipeline cathodic protection work area

Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

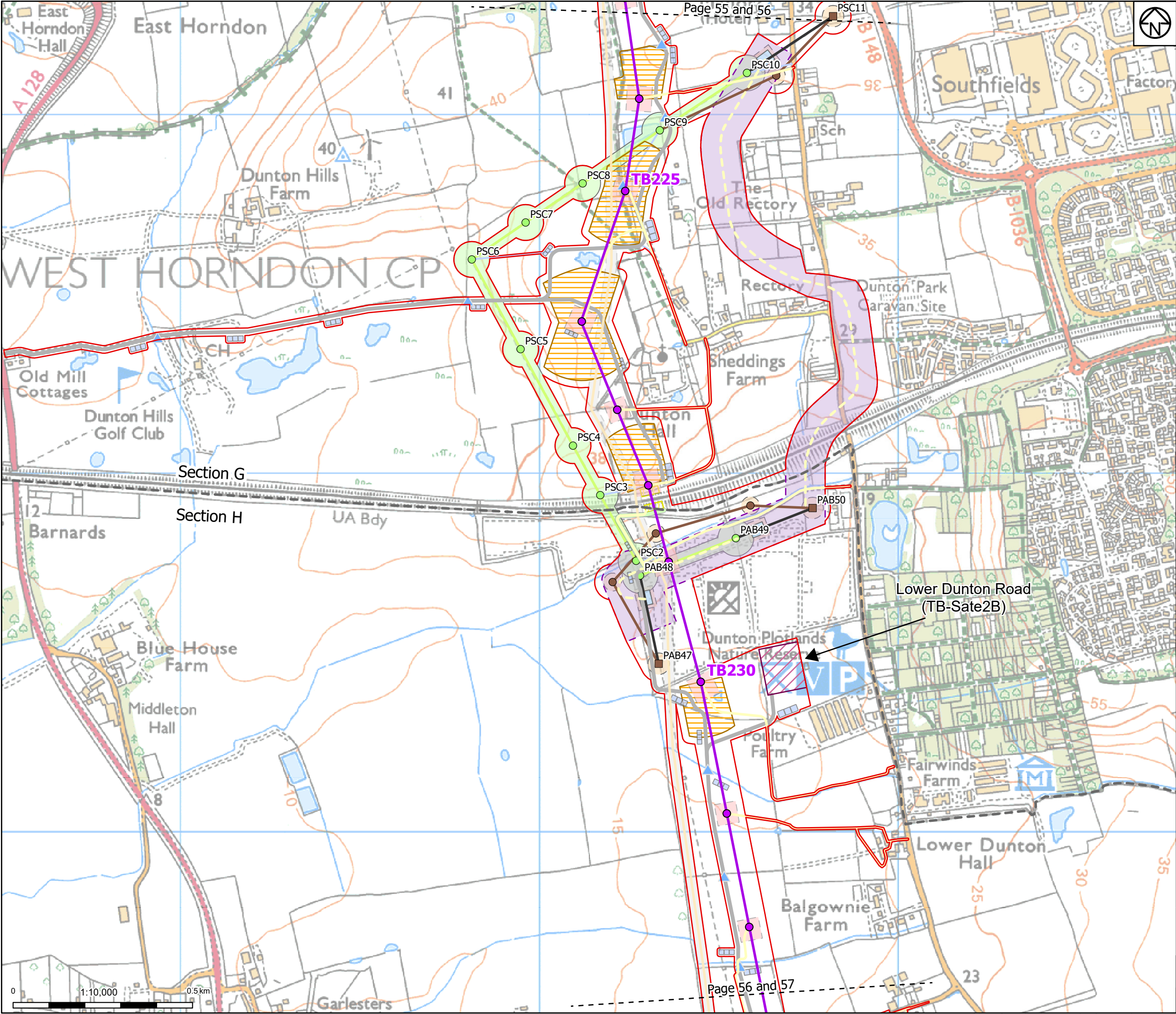
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 55 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





- Draft order limits

Project section line

Proposed permanent design details

Proposed pylon position

Proposed overhead line alignment

Proposed overhead line permanent access roads (no physical works)

Proposed UKPN cable centreline

Pipeline cathodic protection

Proposed temporary design details

Satellite construction compound

Proposed overhead line access routes water crossing

Proposed overhead line construction SuDS basins

Proposed overhead line haul road

Proposed overhead line crossing protection access route

Proposed crossing protection access route buffer

Proposed pylon construction work area

Proposed overhead line pulling location

Proposed overhead line crossing protection work area

Proposed UKPN overhead line dismantle towers

Proposed UKPN overhead line existing tower (to be modified)

Proposed UKPN overhead line temporary structures (only angles)

Proposed UKPN dismantle centreline

Proposed UKPN existing centreline (modified)

Proposed UKPN temporary diversion centreline

Proposed UKPN tower access

Proposed UKPN cable construction swathe

Proposed UKPN cable construction swathe

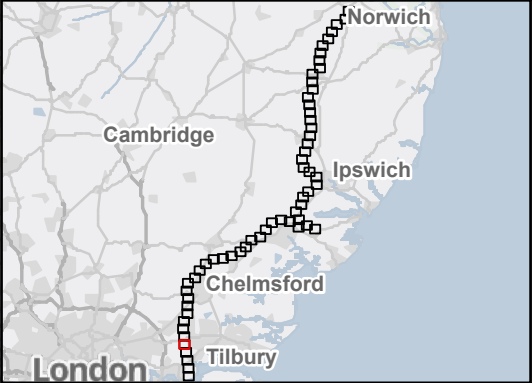
Proposed UKPN cable sealing end platform

Proposed UKPN overhead line temporary works

Proposed pipeline cathodic protection work area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

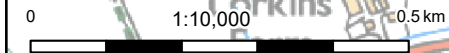
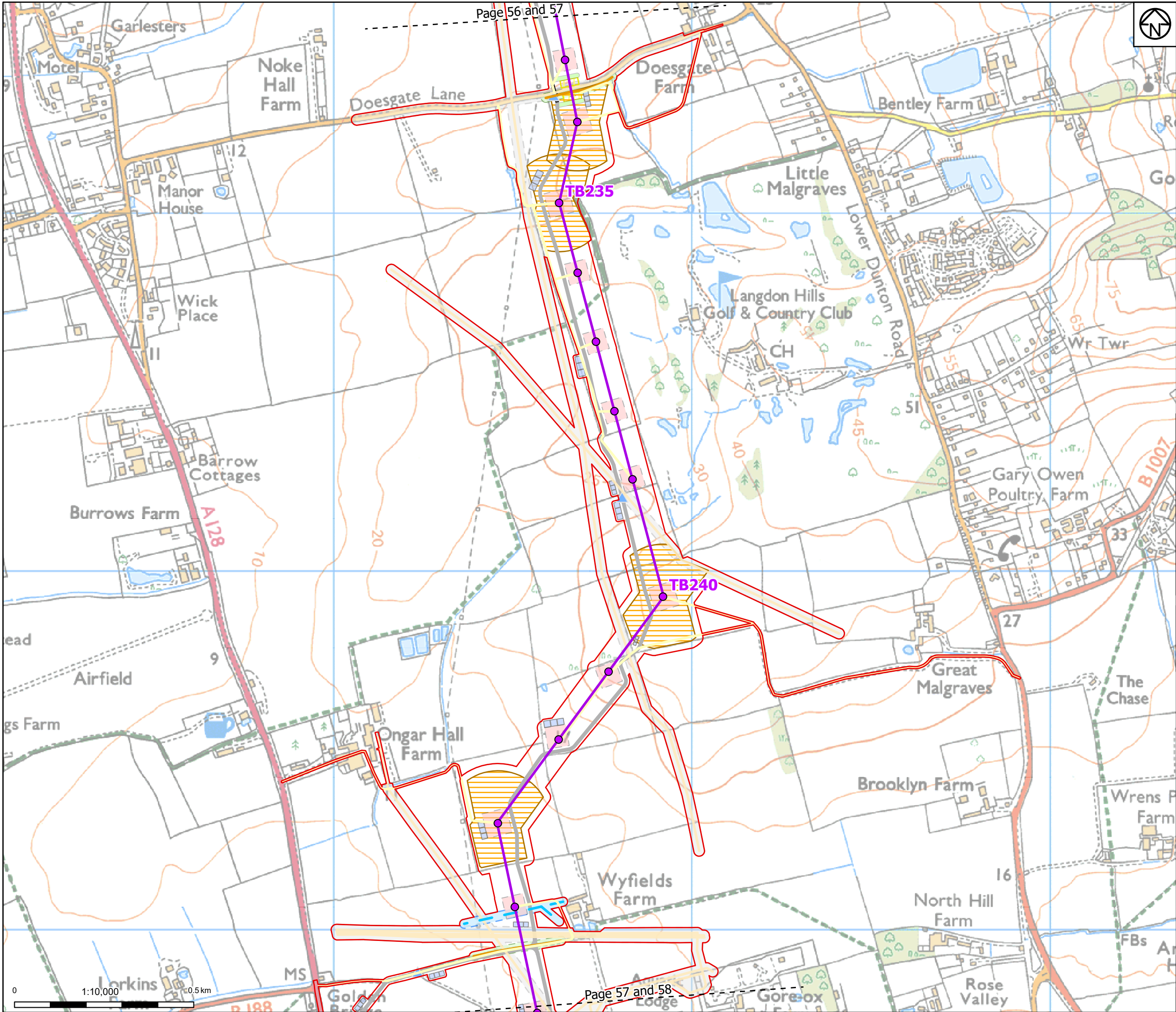
Title:  
  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 56 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Print Date: 03-18-24 10:51:17

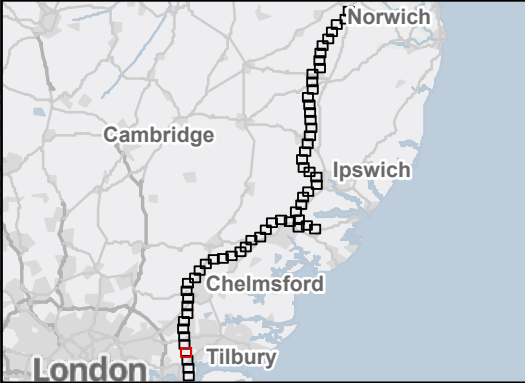
Page 56 and 57

Page 57 and 58



- Proposed permanent design details**
- Proposed pylon position
  - Proposed overhead line alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed 11kV overhead line mitigation required
  - BT overhead line mitigation
  - Pipeline cathodic protection
- Proposed temporary design details**
- Proposed overhead line access routes water crossing
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line mitigation work area (wood pole lines)
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
nationalgrid Norwich to Tilbury

Title:  
Figure 4.1 - Project Description - Proposed Project Design  
Page 57 of 60

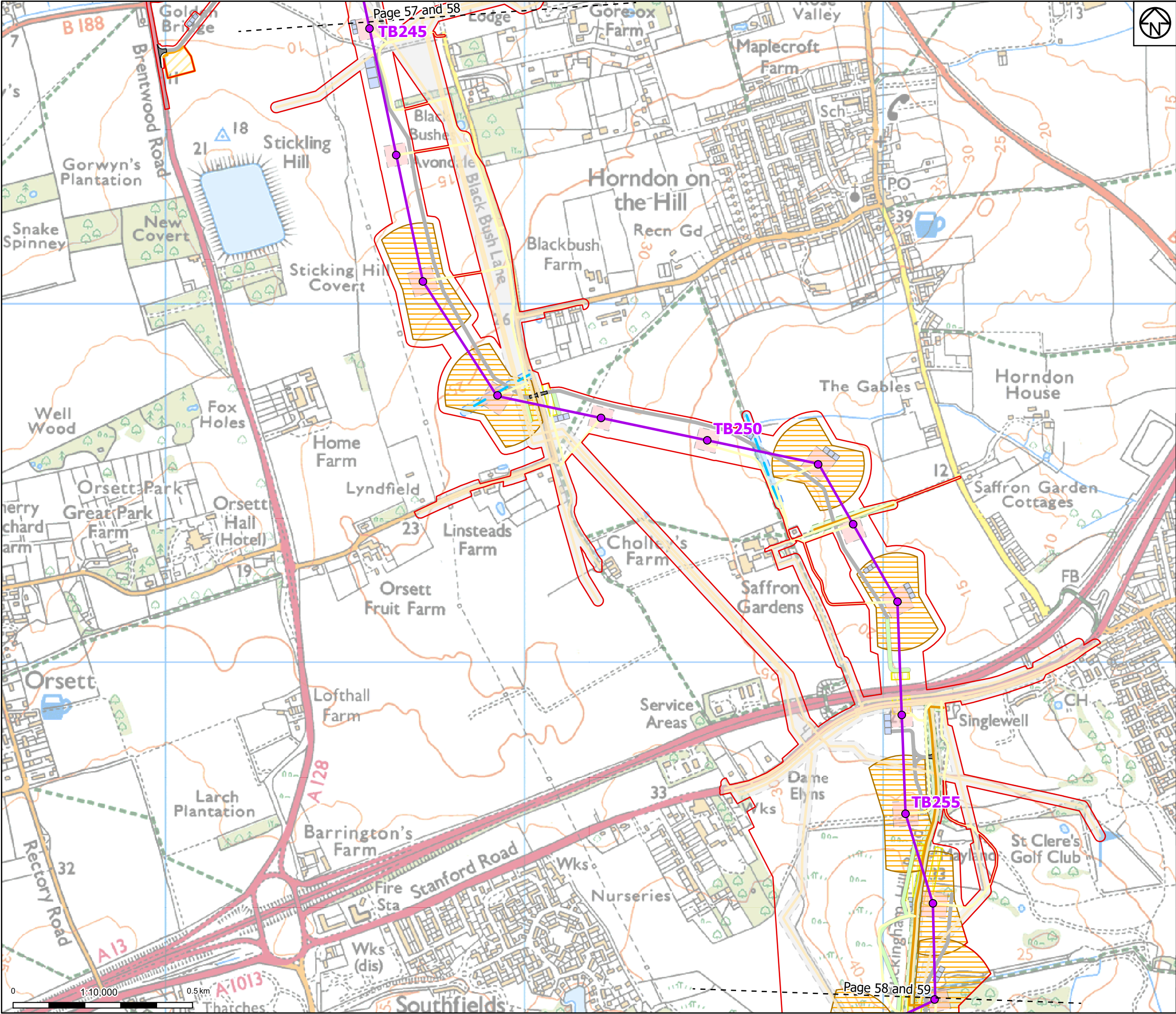
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10051663-ARC-EGN-ZZ-DR-ZZ-00051

Revision:  
A





**Proposed permanent design details**

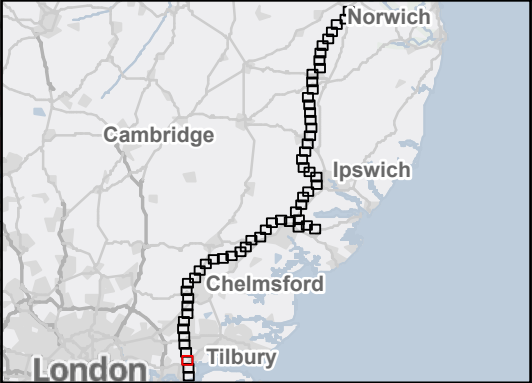
- Proposed pylon position
- Proposed overhead line alignment
- Proposed overhead line permanent access roads (no physical works)
- Proposed 11kV overhead line mitigation required
- BT overhead line mitigation
- Pipeline cathodic protection

**Proposed temporary design details**

- Proposed overhead line access routes water crossing
- Proposed overhead line construction SuDS basins
- Proposed site access points
- Proposed overhead line haul road
- Proposed overhead line crossing protection access route
- Proposed crossing protection access route buffer
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed overhead line crossing protection work area
- Proposed UKPN overhead line mitigation work area (wood pole lines)
- Proposed BT overhead line mitigation work area
- Proposed pipeline cathodic protection work area
- Proposed construction laydown areas

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

Title:

Figure 4.1 - Project Description -  
Proposed Project Design  
Page 58 of 60

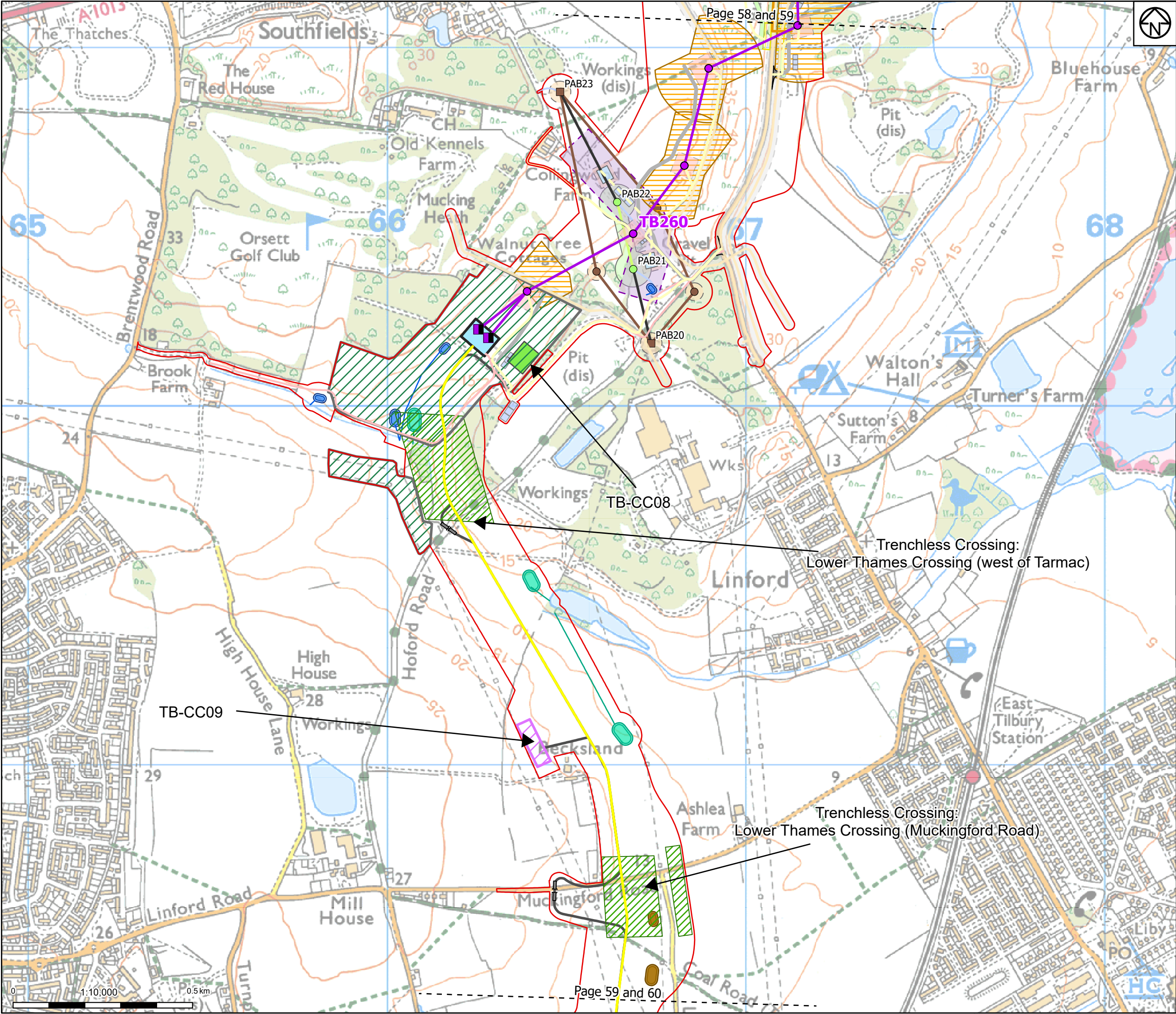
Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

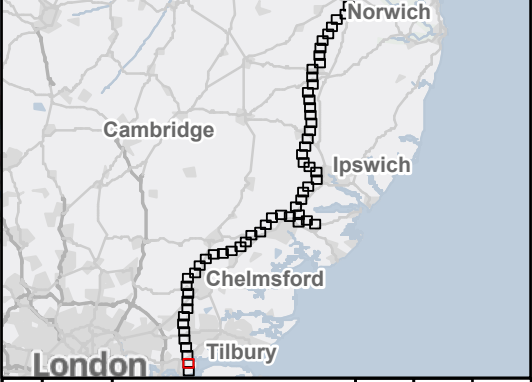
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision:	A
-----------------	---------------------------------	-----------	---





- Proposed permanent design details**
- Proposed full line tension gantry
  - Proposed pylon position
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed overhead line permanent access roads (no physical works)
  - Proposed substation / CSEC permanent access roads
  - Proposed UKPN cable centreline
  - BT overhead line mitigation
  - Pipeline cathodic protection
  - Proposed cable sealing end compound
  - Proposed trenchless crossings
  - Proposed environmental areas
  - Proposed permanent attenuation drainage channel
  - Proposed permanent attenuation drainage pond
  - Proposed underground cable construction compound
  - Proposed CSE compound/substation construction compound
  - Proposed overhead line access routes water crossing
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed temporary attenuation drainage
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed cabling haul road
  - Proposed temporary construction haul road
  - Proposed overhead line haul road
  - Proposed overhead line crossing protection access route
  - Proposed crossing protection access route buffer
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed overhead line crossing protection work area
  - Proposed UKPN overhead line dismantle towers
  - Proposed UKPN overhead line existing tower (to be modified)
  - Proposed UKPN overhead line temporary structures (only angles)
  - Proposed UKPN dismantle centreline
  - Proposed UKPN existing centreline (modified)
  - Proposed UKPN temporary diversion centreline
  - Proposed UKPN tower access
  - Proposed UKPN cable construction swathe
  - Proposed UKPN cable construction swathe
  - Proposed UKPN cable sealing end platform
  - Proposed UKPN overhead line temporary works
  - Proposed BT overhead line mitigation work area
  - Proposed pipeline cathodic protection work area
- Proposed temporary design details**
- Proposed underground cable construction compound
  - Proposed CSE compound/substation construction compound
  - Proposed overhead line access routes water crossing
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed temporary attenuation drainage
  - Proposed overhead line construction SuDS basins
  - Proposed site access points
  - Proposed cabling haul road
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

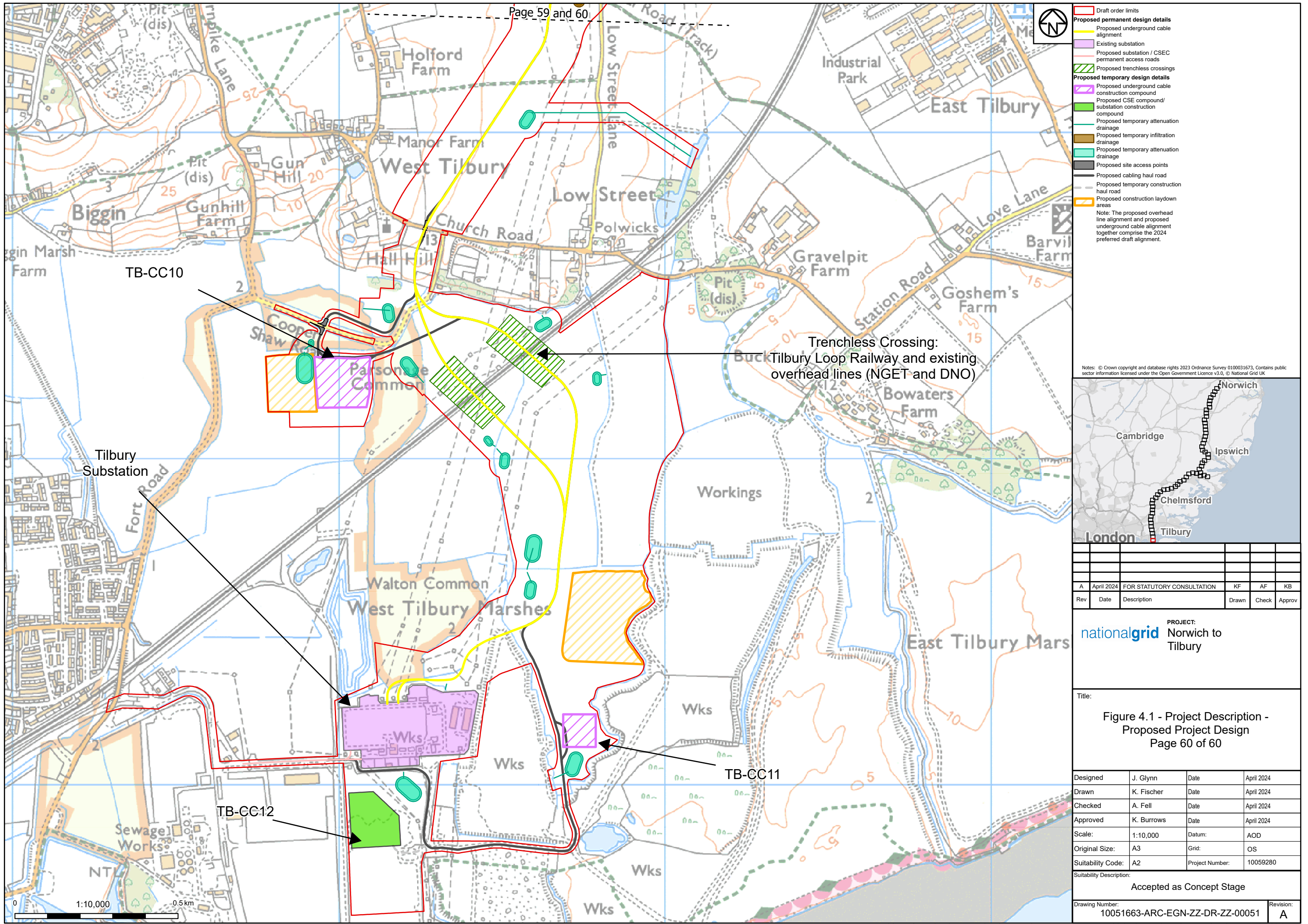
PROJECT: **Norwich to Tilbury**

**nationalgrid**

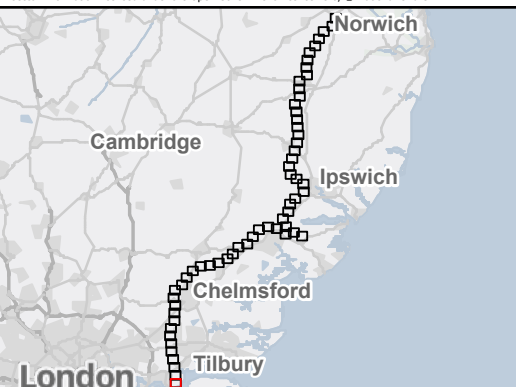
Title: **Figure 4.1 - Project Description - Proposed Project Design**  
Page 59 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:	10051663-ARC-EGN-ZZ-DR-ZZ-00051		
Revision:	A		





Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

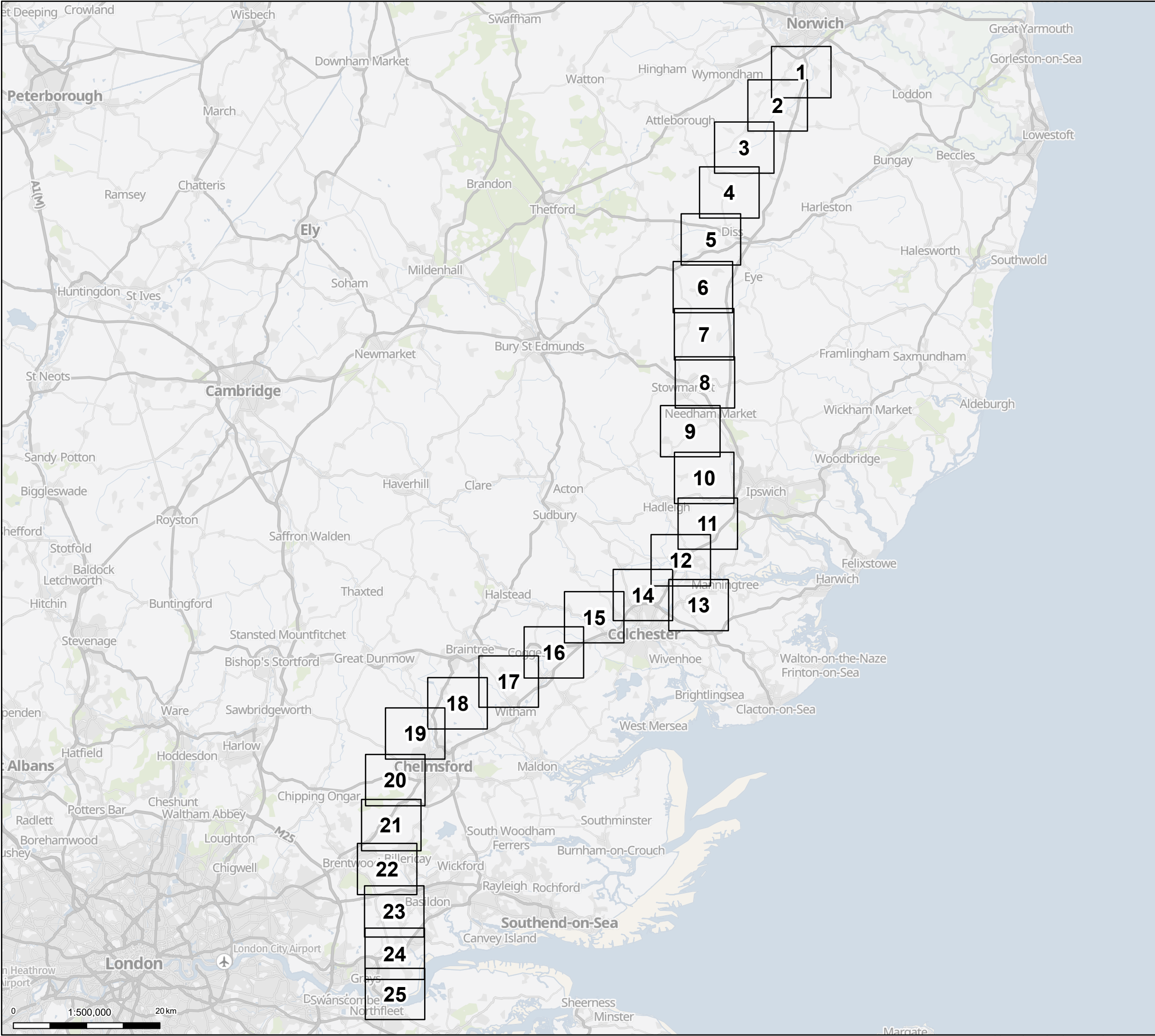
Title:  
Figure 4.1 - Project Description -  
Proposed Project Design  
Page 60 of 60

Designed	J. Glynn	Date	April 2024
Drawn	K. Fischer	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10051663-ARC-EGN-ZZ-DR-ZZ-00051	Revision: A
--	----------------





Pages

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
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

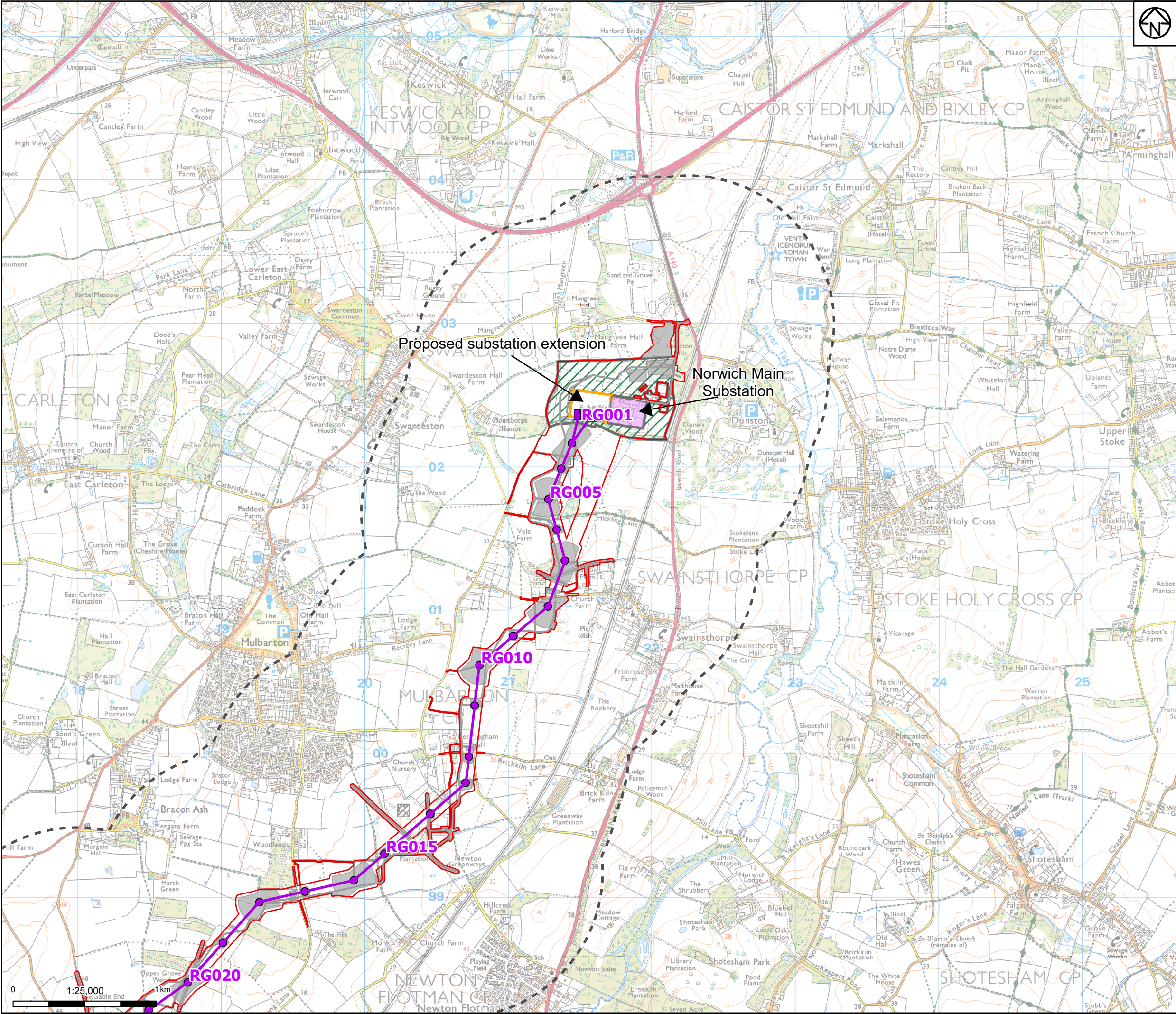
Suitability Description:  

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A





- Legend**
- Draft order limits
  - 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
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

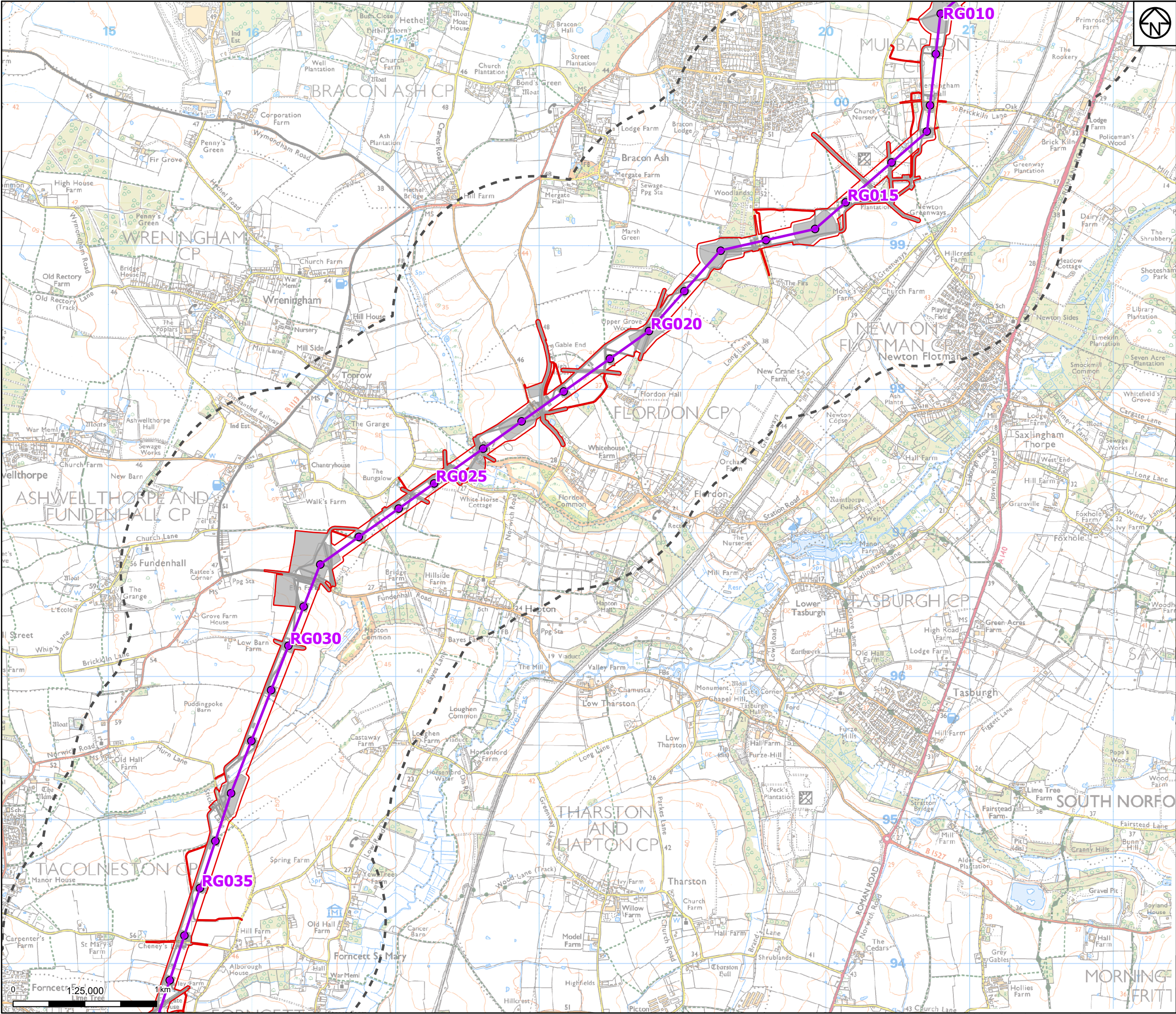
**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 1 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

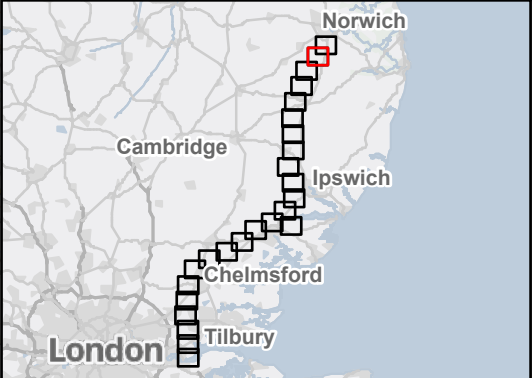
Accepted as Concept Stage			
Drawing Number:	10059280-ARC-ELS-ZZ-DR-ZZ-00082		
Revision:	A		





- 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
    - 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 2 of 25

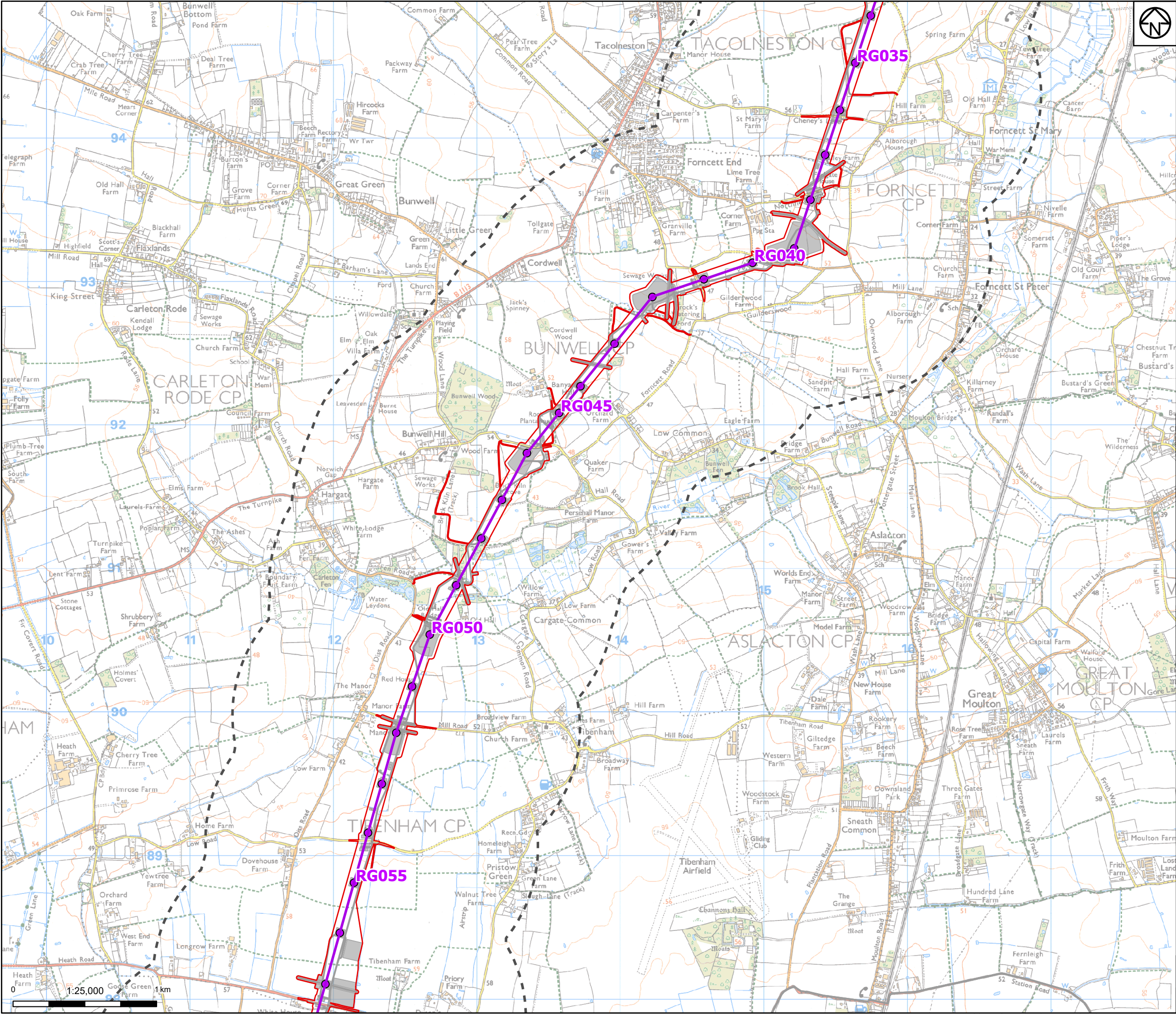
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A





Draft order limits

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

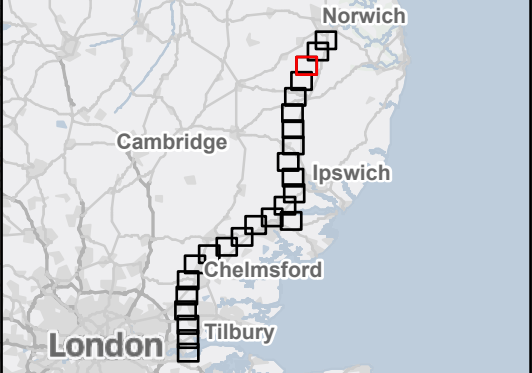
Other temporary and permanent construction and operational works

Discipline specific constraints

1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 3 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

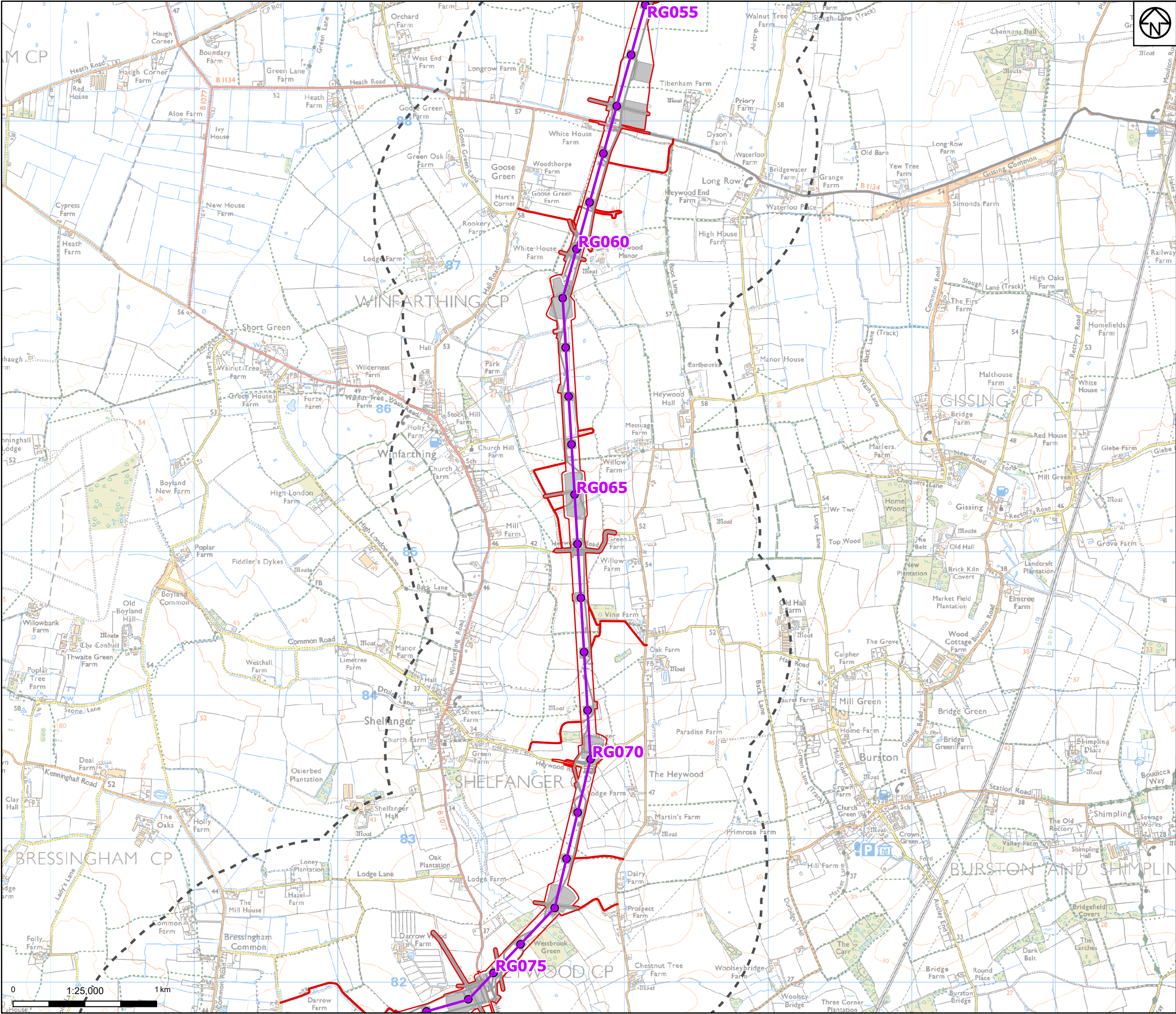
Drawing Number:

10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:

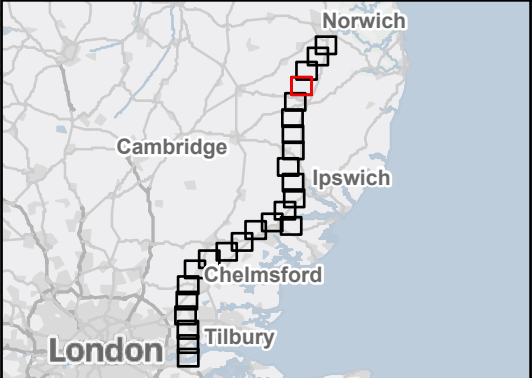
A





- 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**
- 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**nationalgrid** PROJECT: Norwich to Tilbury

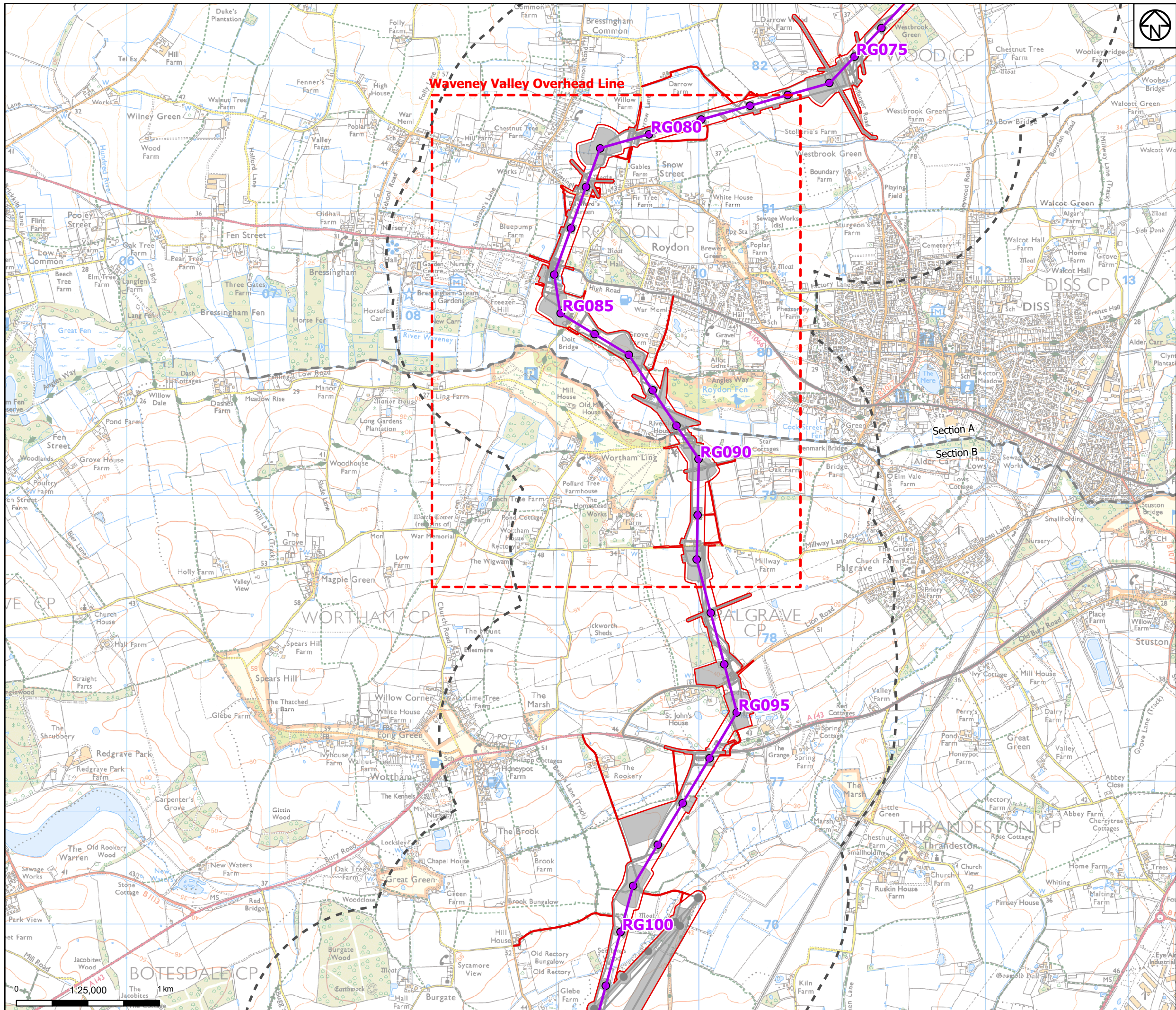
Title: Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area Page 4 of 25

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

Suitability Description: Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00082	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**
- 1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

 PROJECT:  
Norwich to  
Tilbury

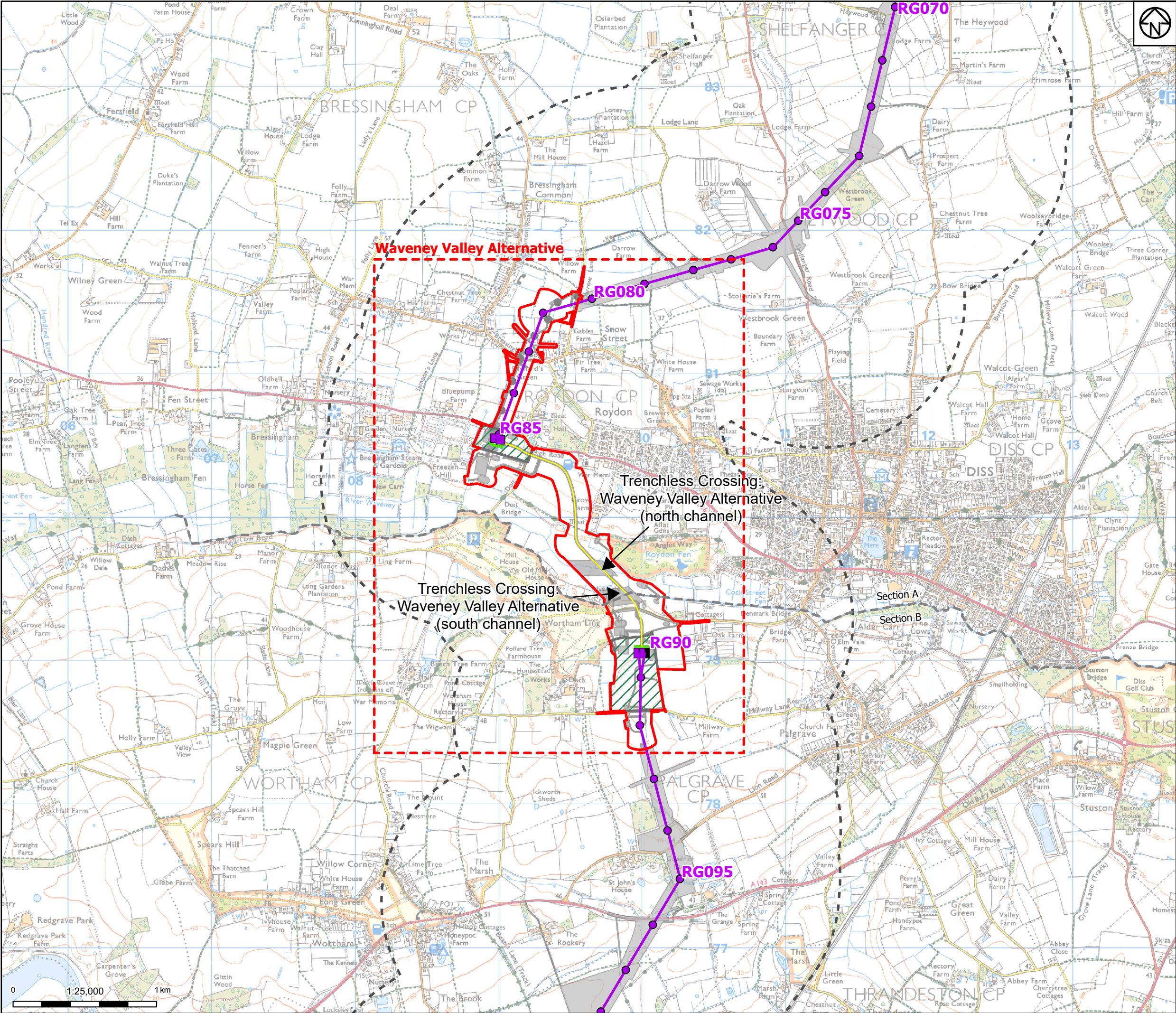
Title:  
**Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 5 of 25**


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



Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00082	A
















-  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

-  1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



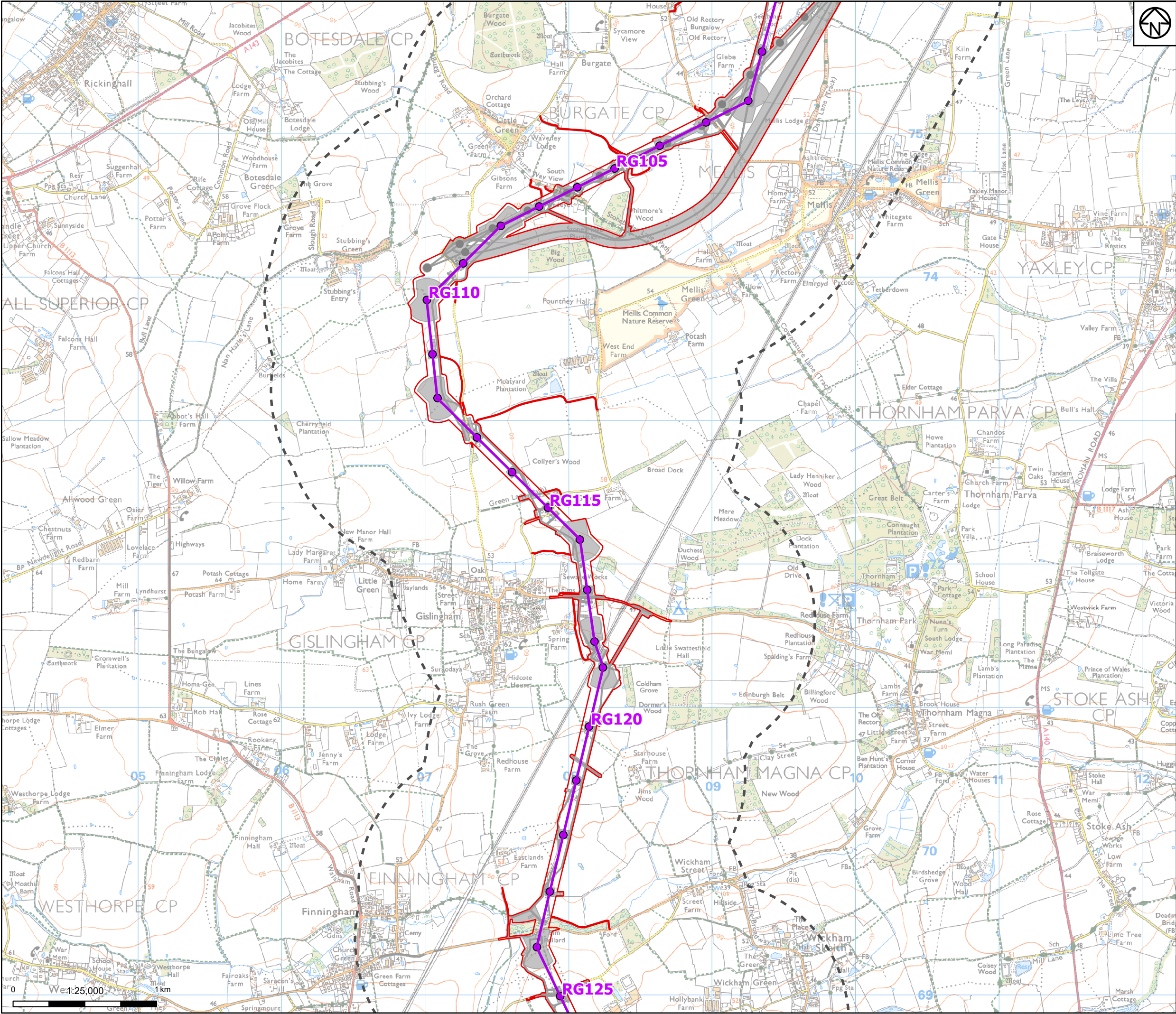
Rev	Date	Description	Drawn	Check	Approv
A	April 2024	FOR STATUTORY CONSULTATION	SB	AF	KB

**PROJECT:**  
Norwich to Tilbury

**Title:**  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
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
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-00082			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

1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 6 of 25

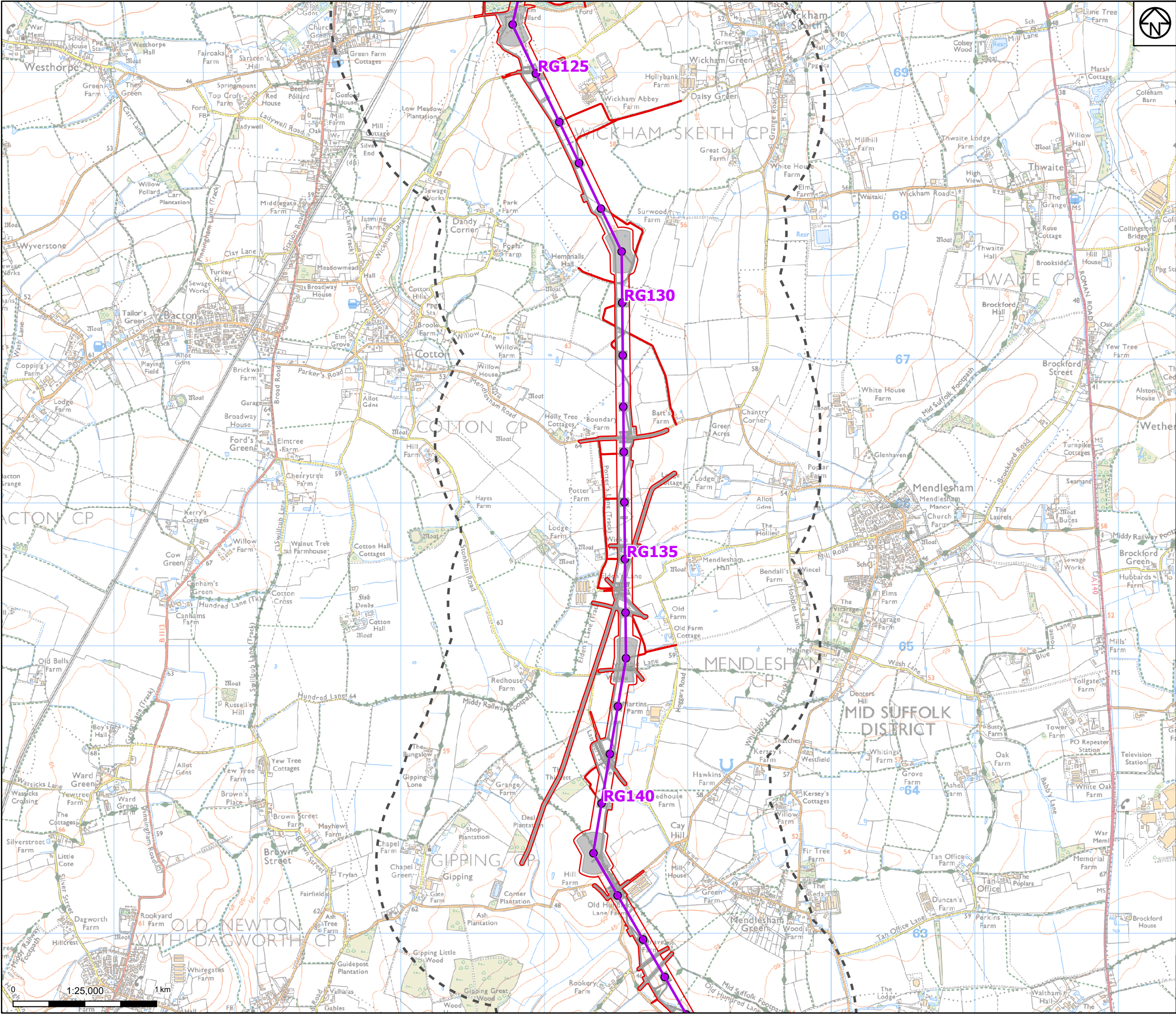
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

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

1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK

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

PROJECT:  
Norwich to  
Tilbury

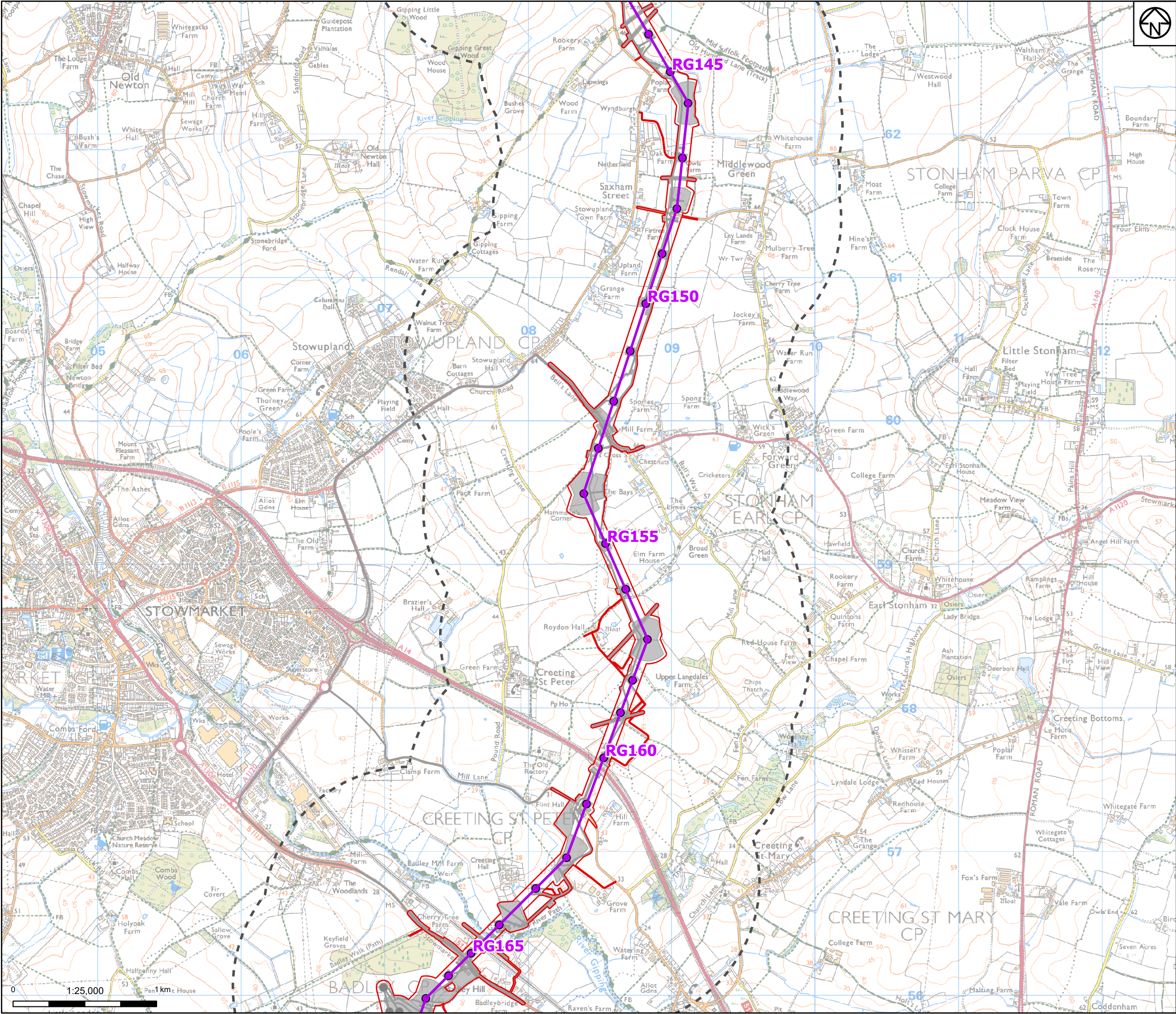
Title:  
  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 7 of 25

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
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-00082			Revision: A

Print Date: 03-19-24 12:54:39

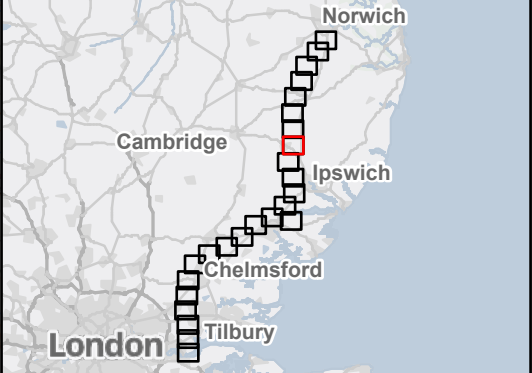
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC






- 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
    - 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

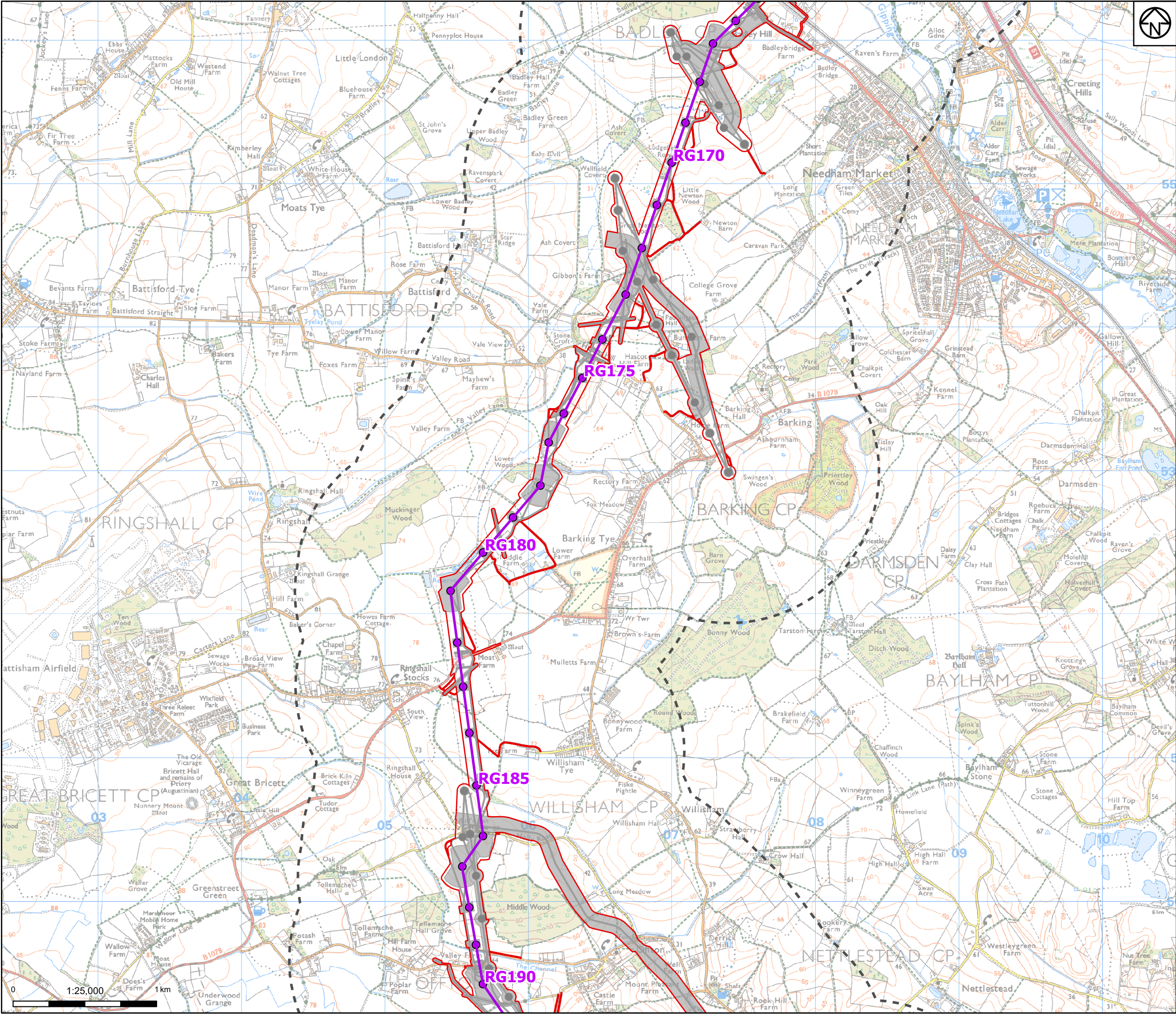
PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 8 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

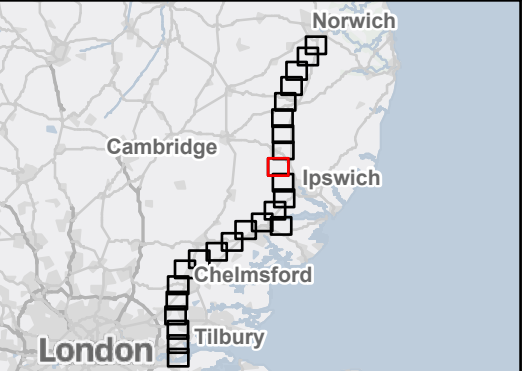
Accepted as Concept Stage	
Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00082	Revision: A





- 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**
- 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
nationalgrid Norwich to Tilbury

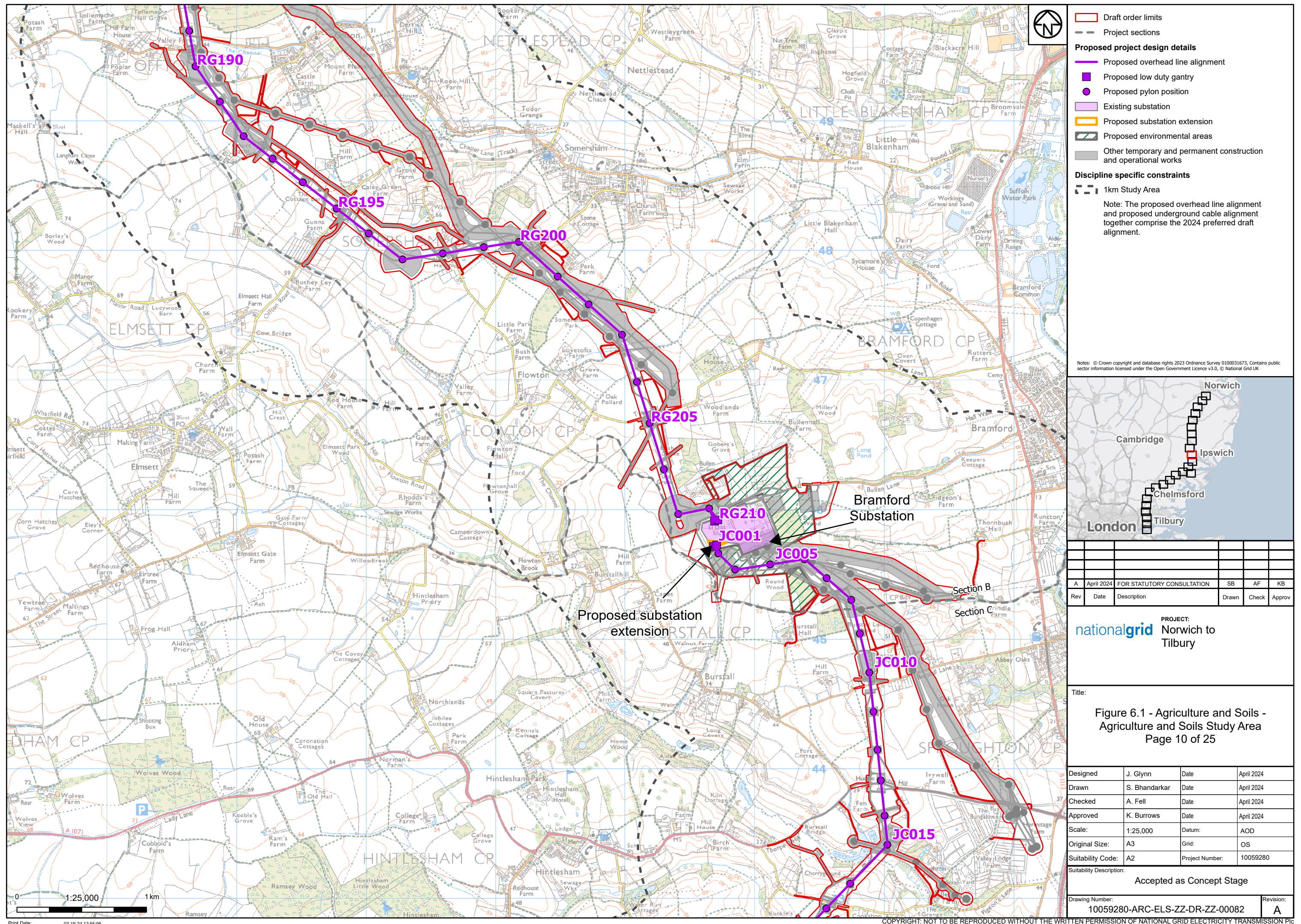
**Title:**  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 9 of 25

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

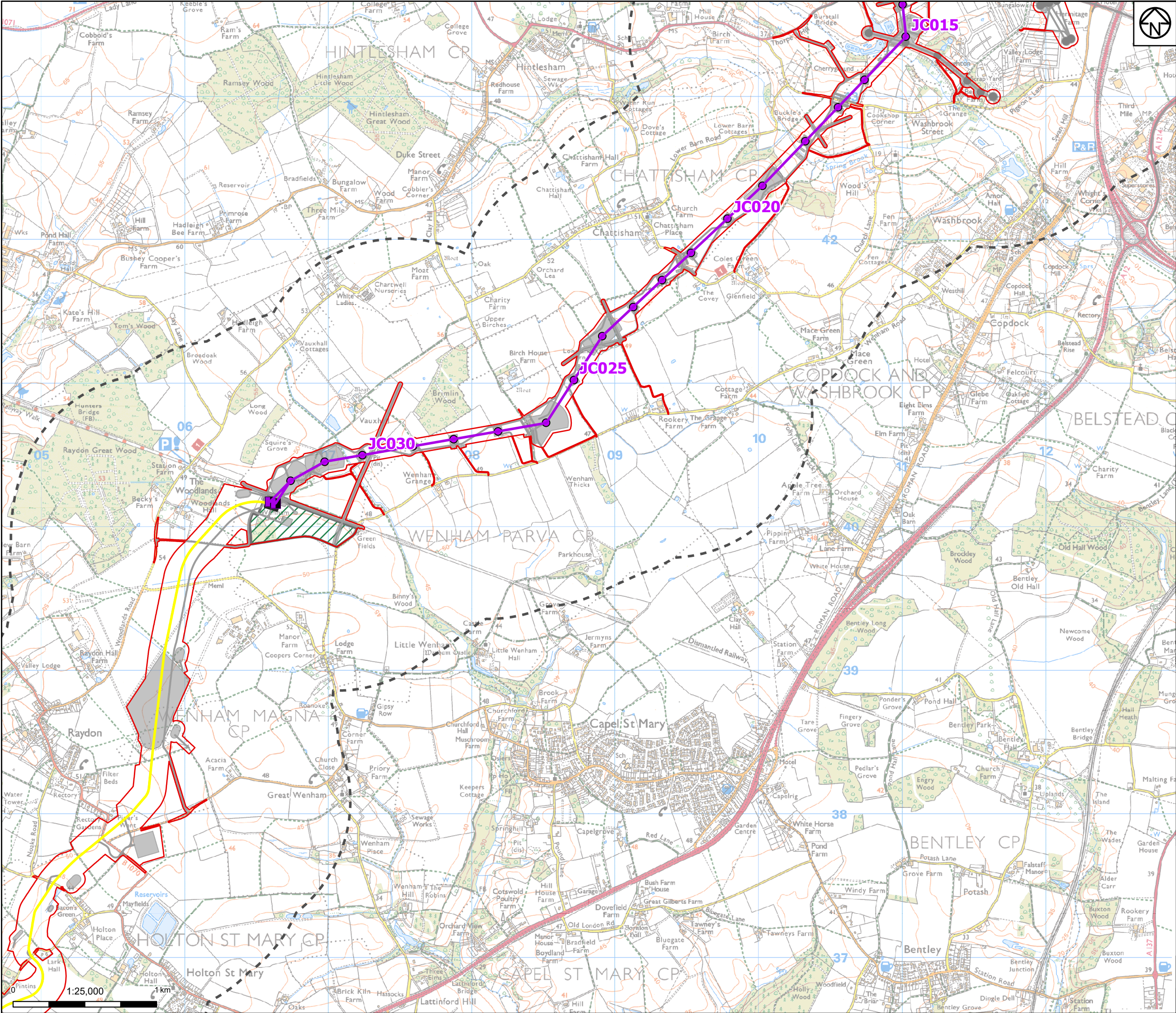
**Accepted as Concept Stage**

Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00082  
Revision: A



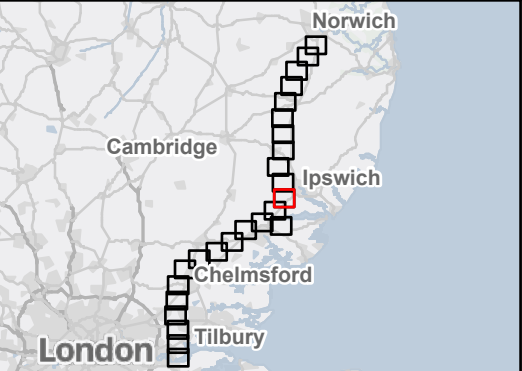






- Legend**
- Draft order limits
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed full line tension gantry
    - Proposed pylon position
    - Proposed underground cable alignment
    - Proposed cable sealing end compound
    - Proposed environmental areas
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 11 of 25

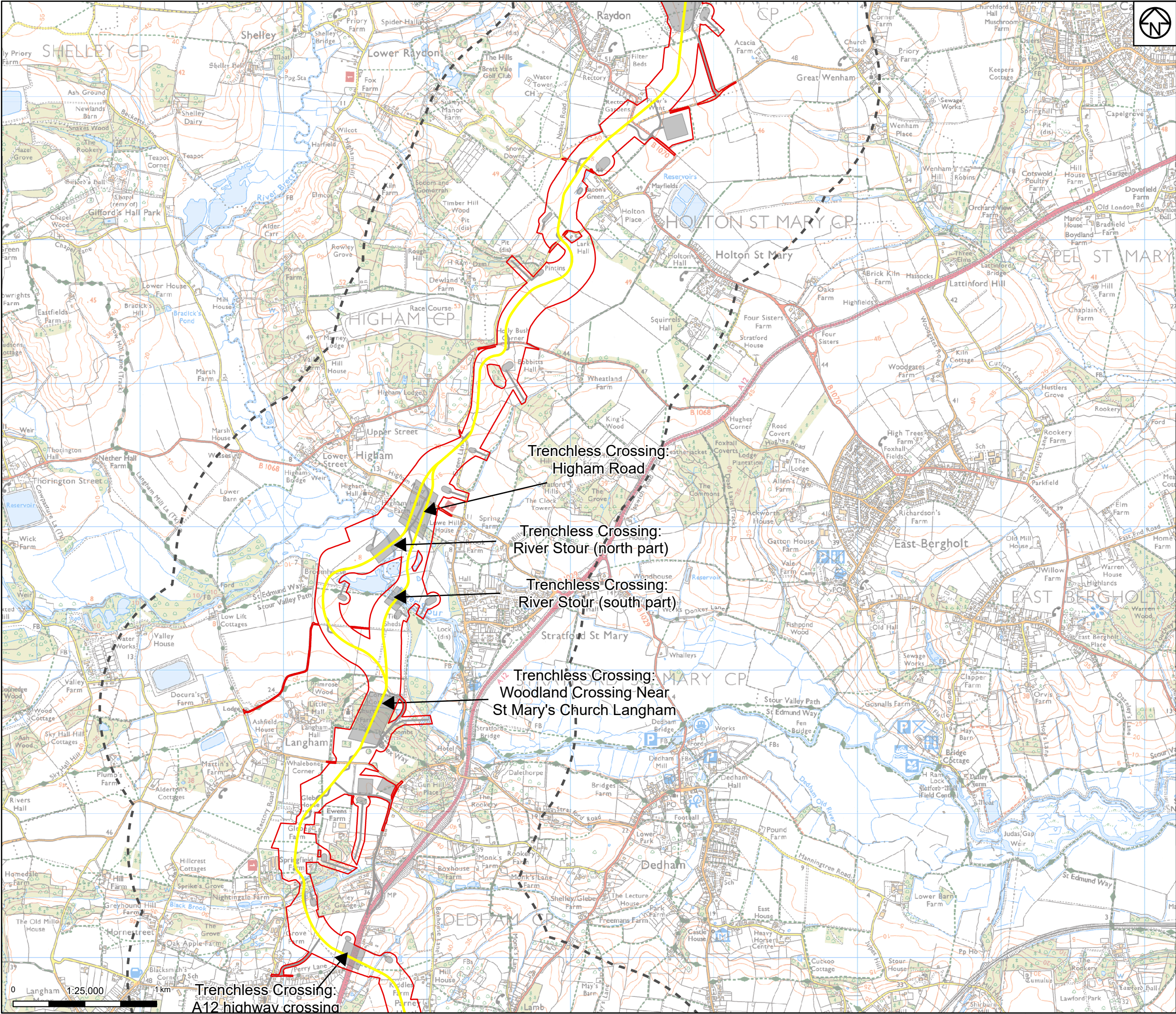
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A





Draft order limits

**Proposed project design details**

Proposed underground cable alignment

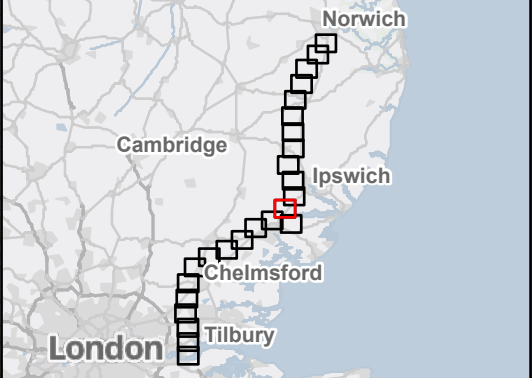
Other temporary and permanent construction and operational works

**Discipline specific constraints**

1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 12 of 25

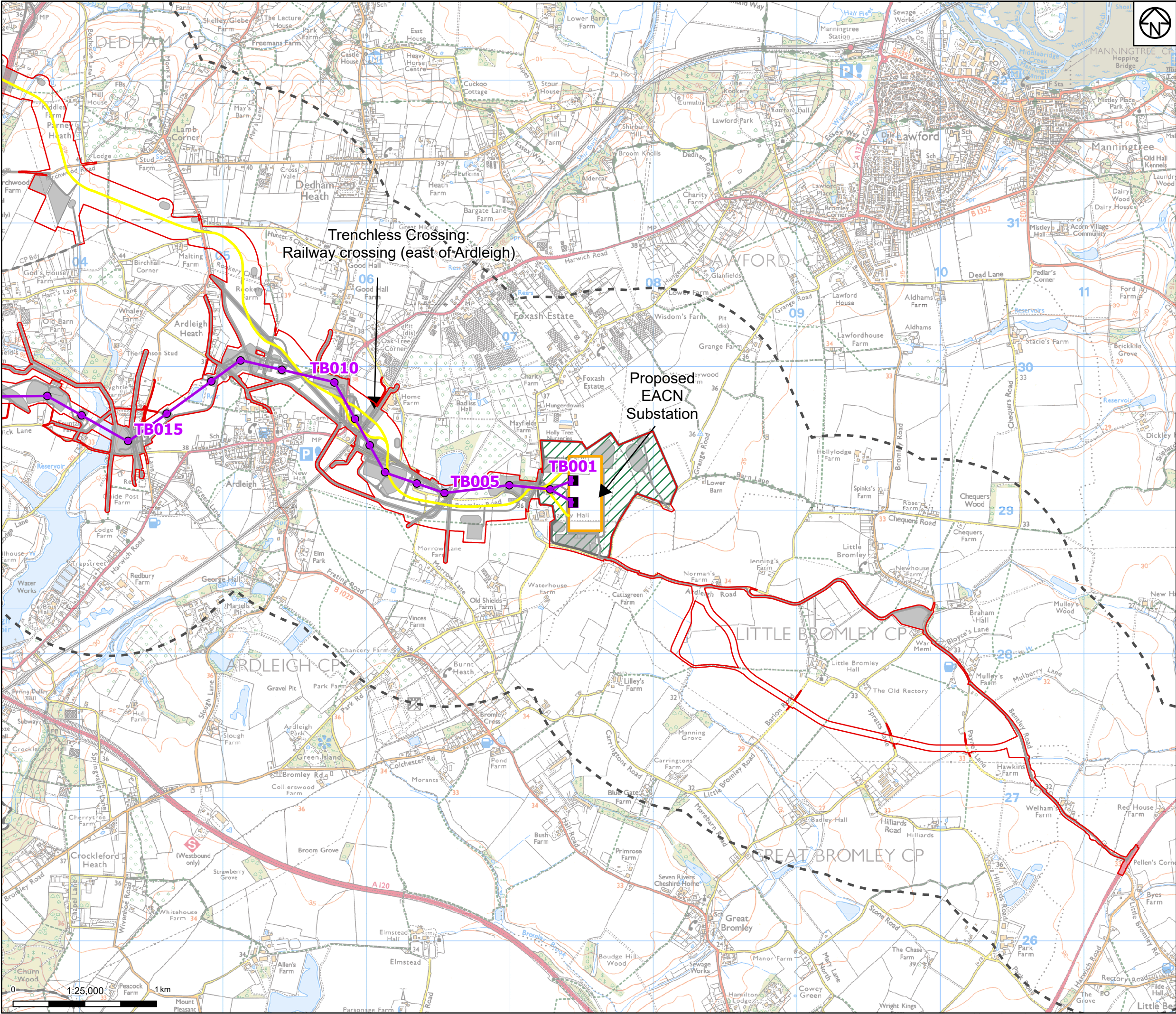
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A

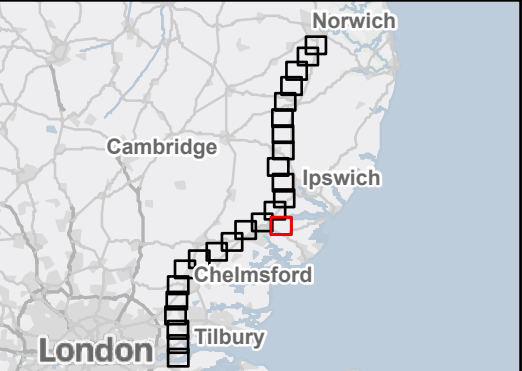




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed full line tension gantry
  - Proposed pylon position
  - Proposed underground cable alignment
  - Proposed EACN substation
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - 1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
Norwich to  
Tilbury

**Title:**  
Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area  
Page 13 of 25

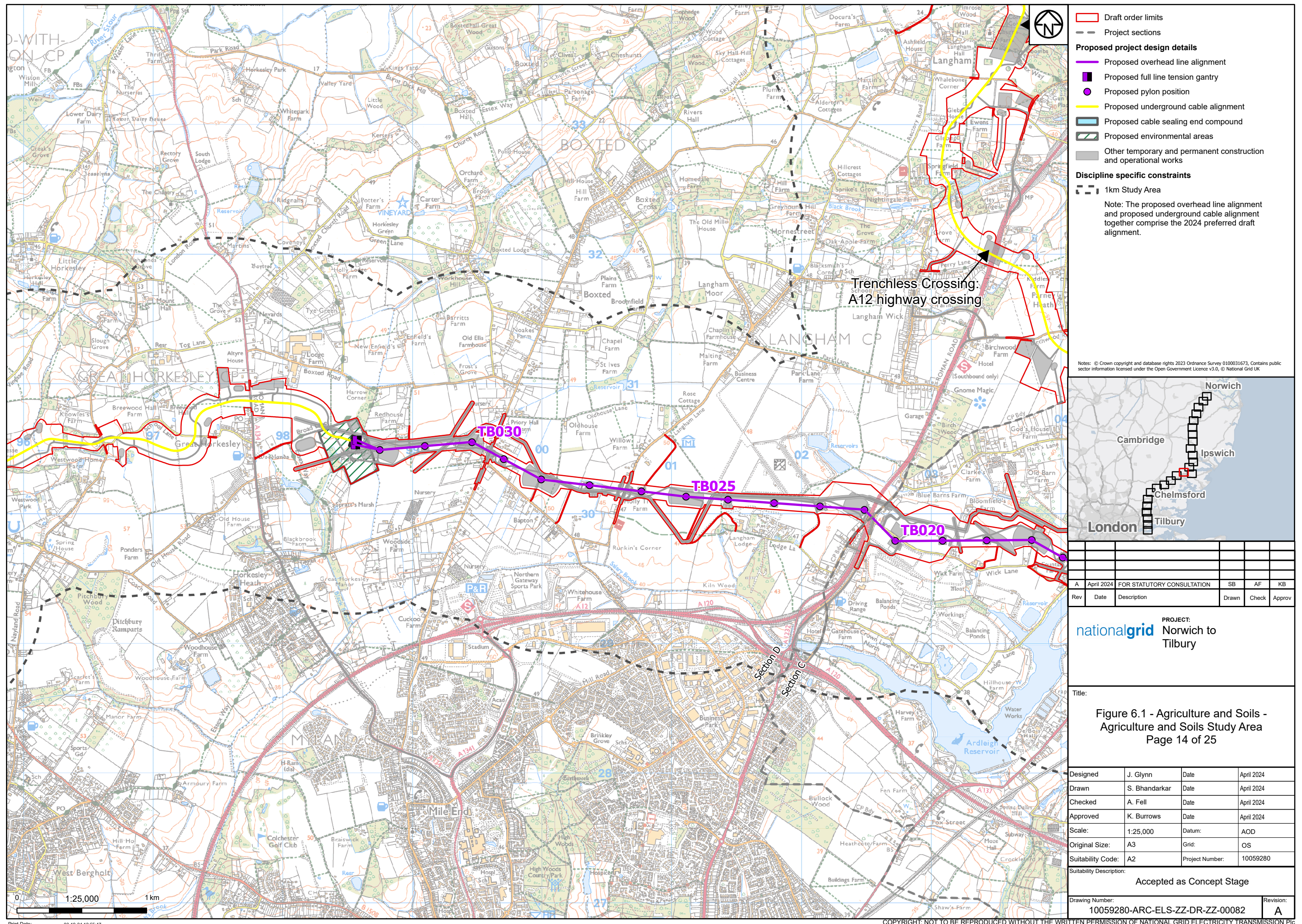
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

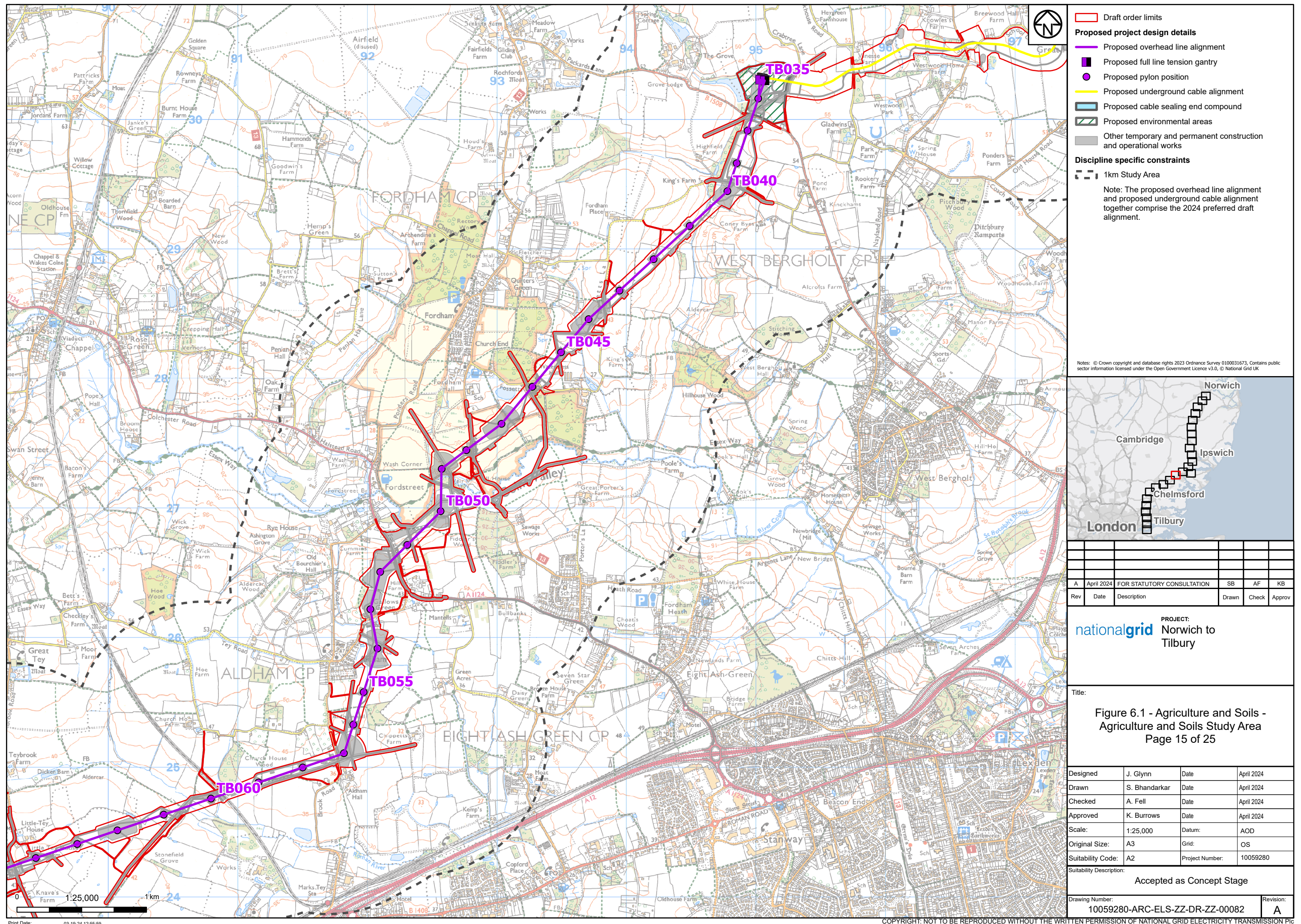
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A

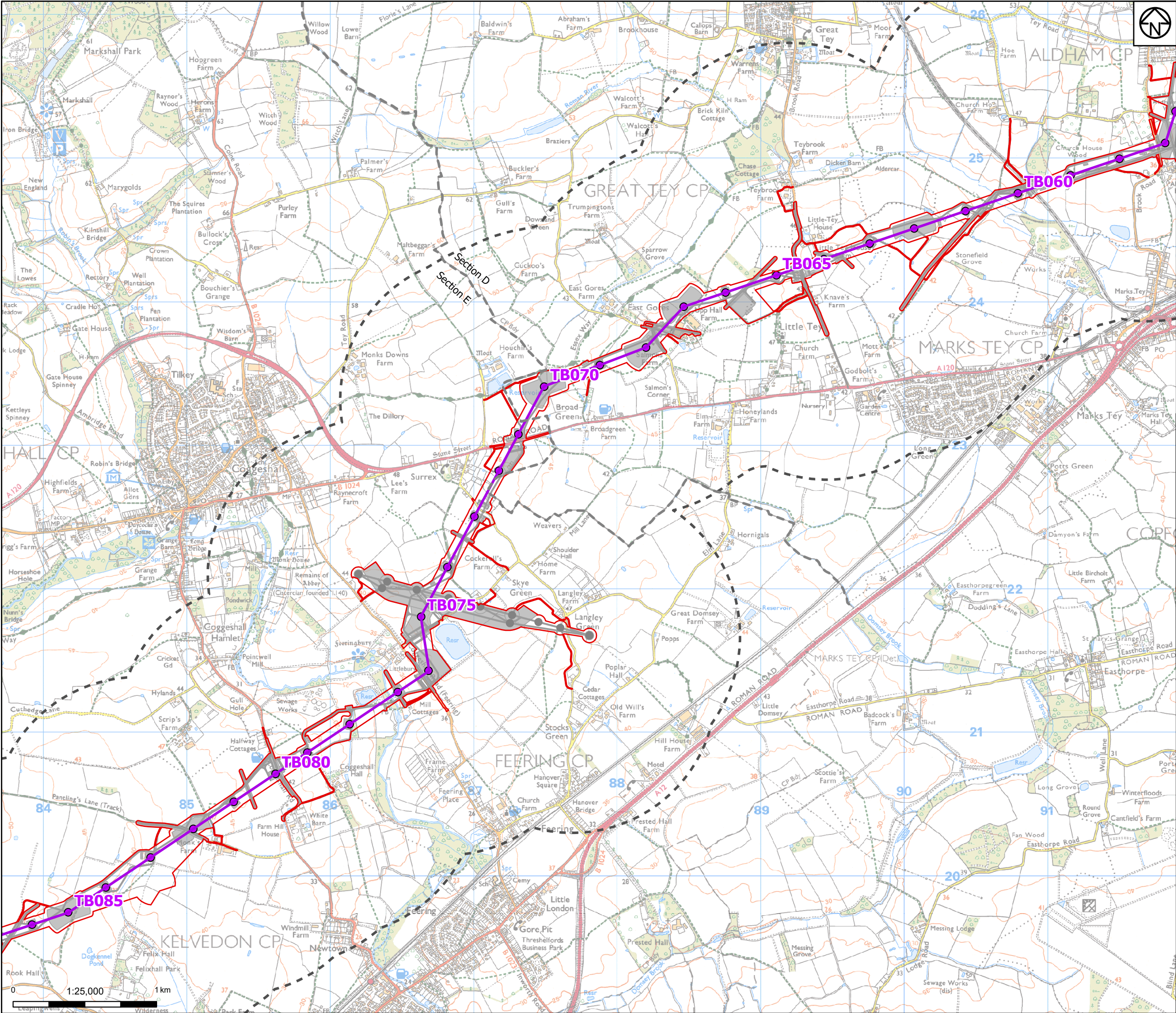






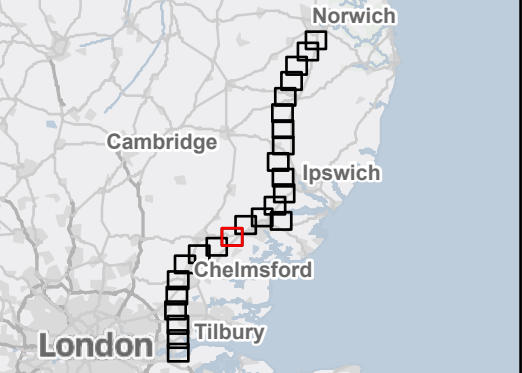






- Draft order limits
  - Project sections
  - Proposed project design details**
    - Proposed overhead line alignment
    - Proposed pylon position
    - Other temporary and permanent construction and operational works
  - Discipline specific constraints**
    - 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

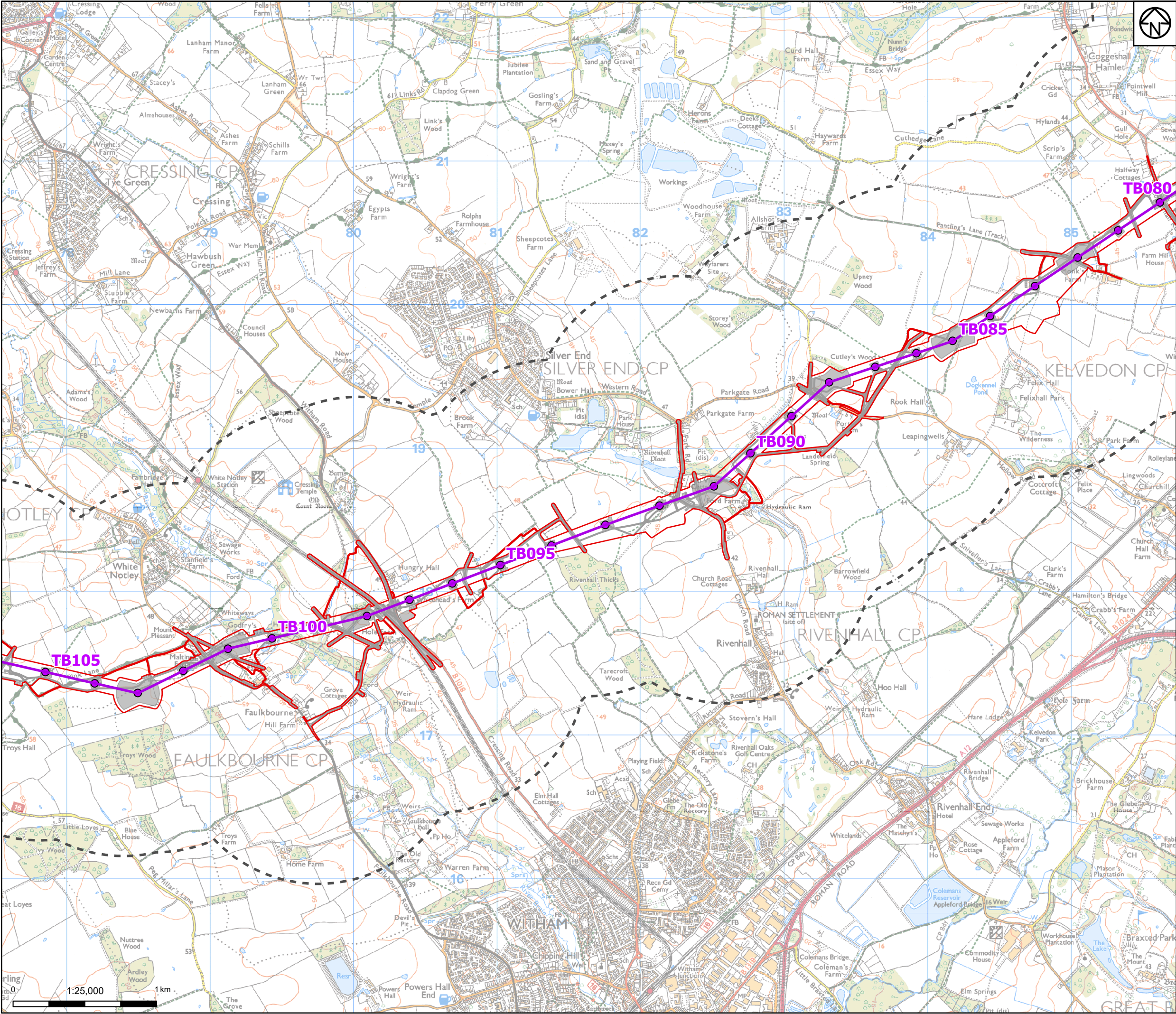
PROJECT:  
Norwich to  
Tilbury

Title:  
**Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area**  
Page 16 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

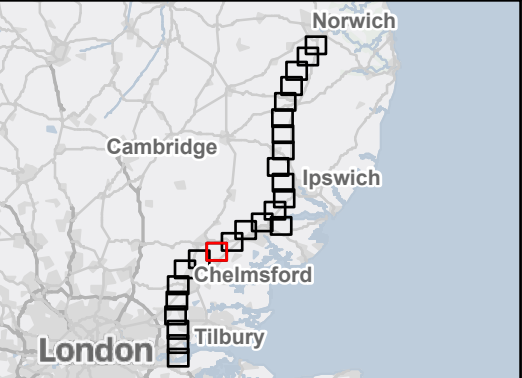
Accepted as Concept Stage			
Drawing Number:	10059280-ARC-ELS-ZZ-DR-ZZ-00082		Revision:
			A





- Legend**
- 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**
    - 1km Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
nationalgrid Norwich to Tilbury

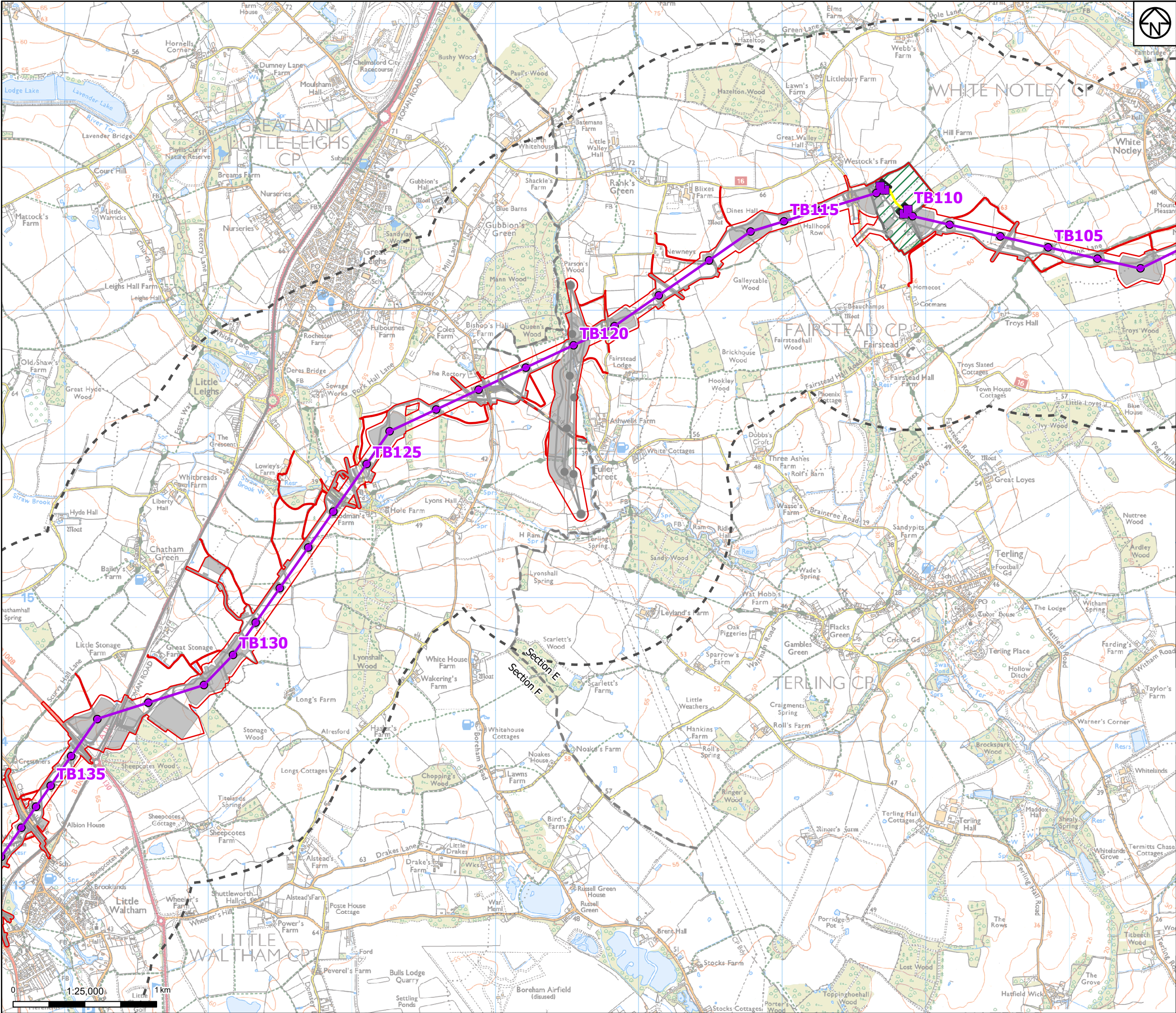
Title:  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 17 of 25

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

Accepted as Concept Stage

Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00082  
Revision: A

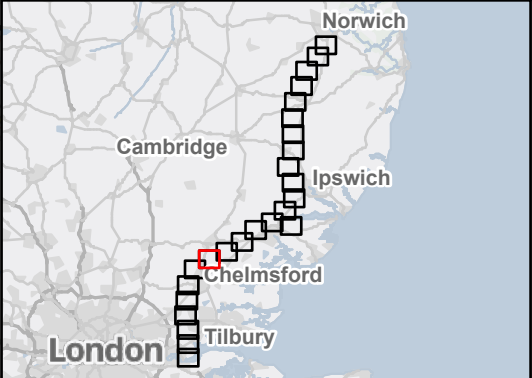




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed low duty gantry
  - Proposed pylon position
  - Proposed underground cable alignment
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - 1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
Norwich to  
Tilbury

Title:  
**Figure 6.1 - Agriculture and Soils -  
Agriculture and Soils Study Area**  
Page 18 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

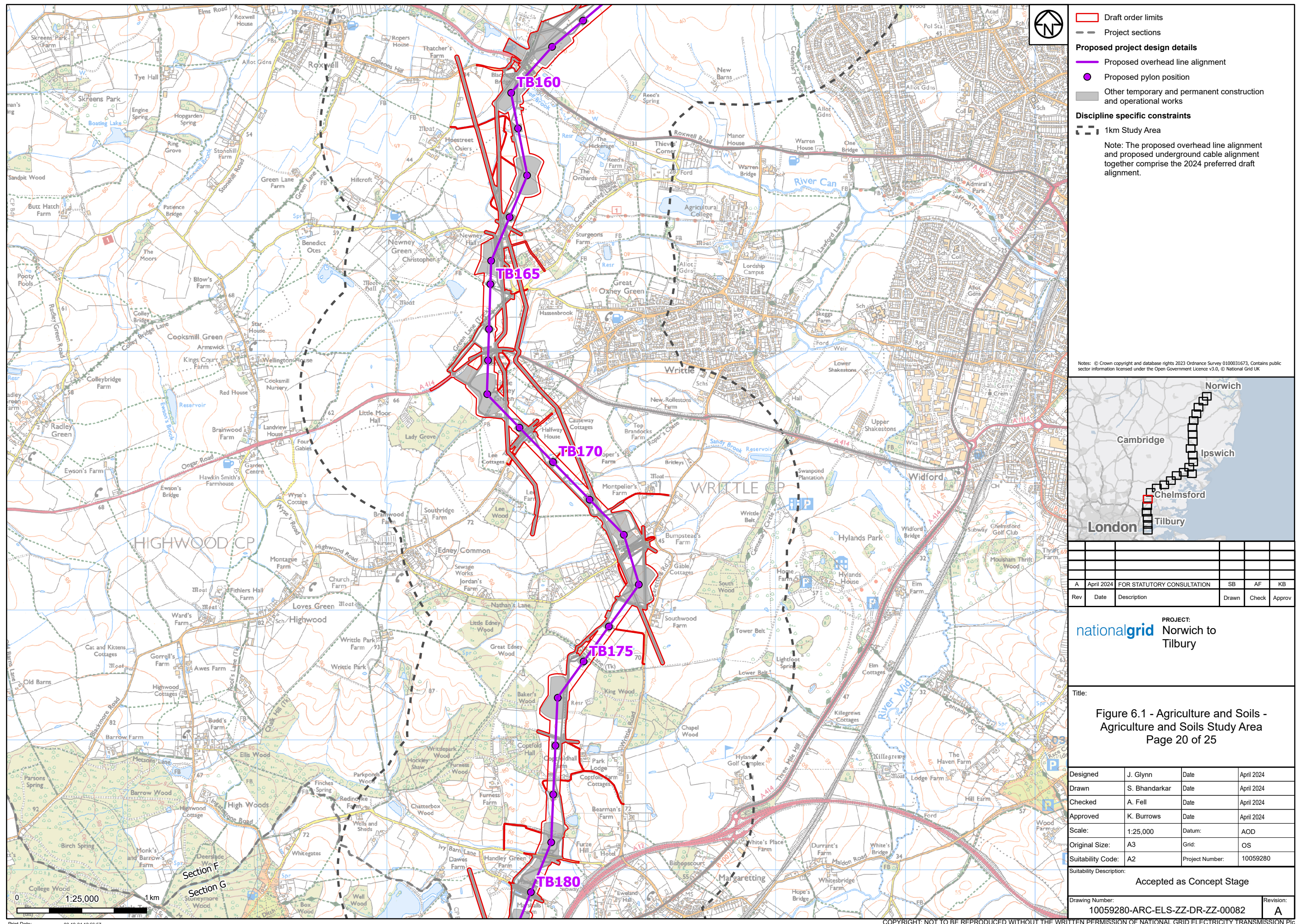
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A

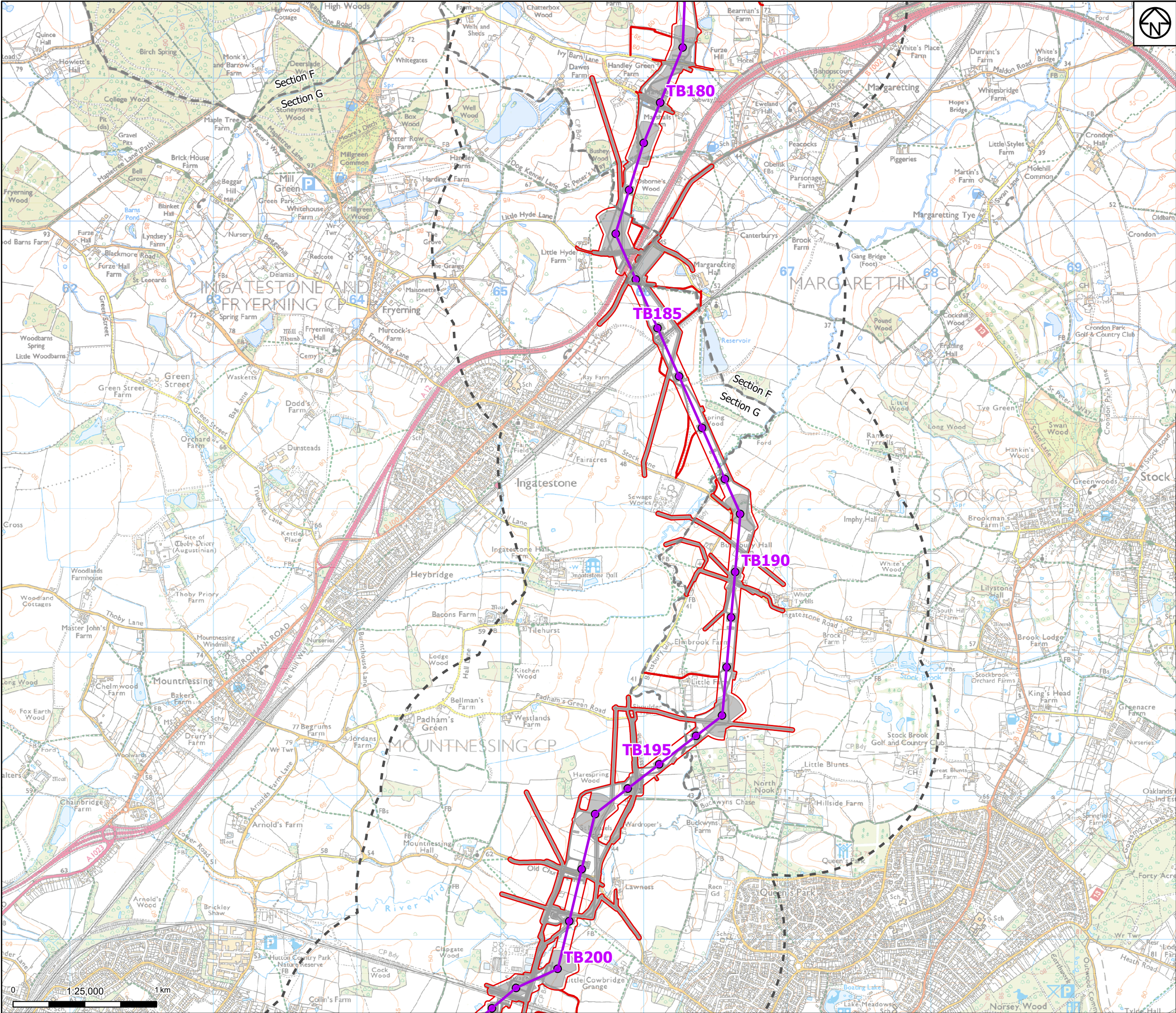












Draft order limits

Project sections

Proposed project design details

Proposed overhead line alignment

Proposed pylon position

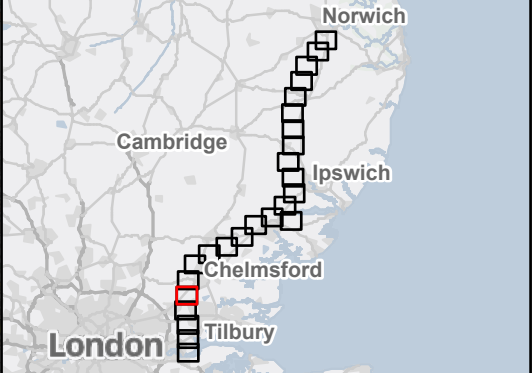
Other temporary and permanent construction and operational works

Discipline specific constraints

1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:

Norwich to Tilbury

Title:  
**Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area**  
Page 21 of 25

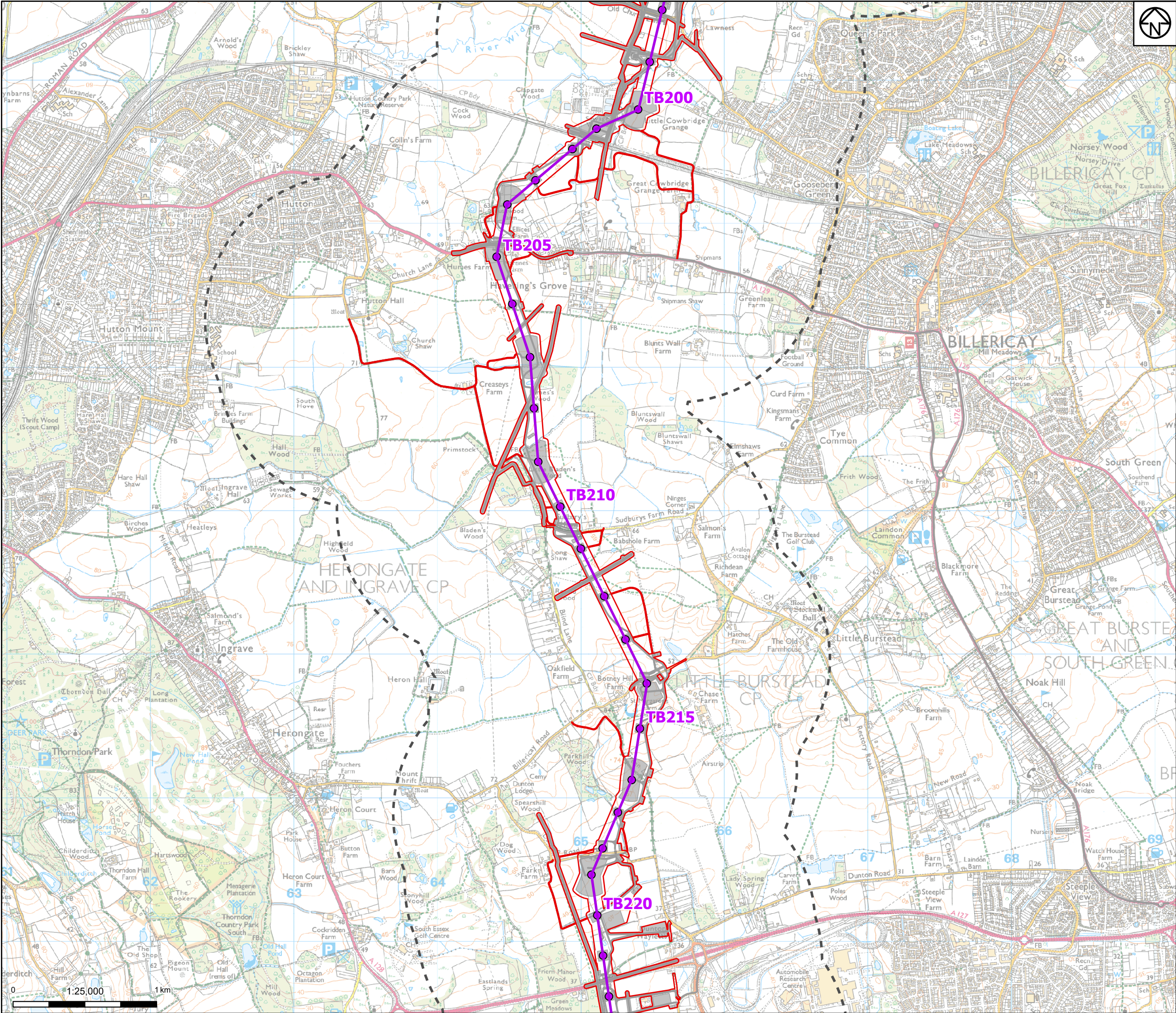
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A





**Draft order limits**

**Proposed project design details**

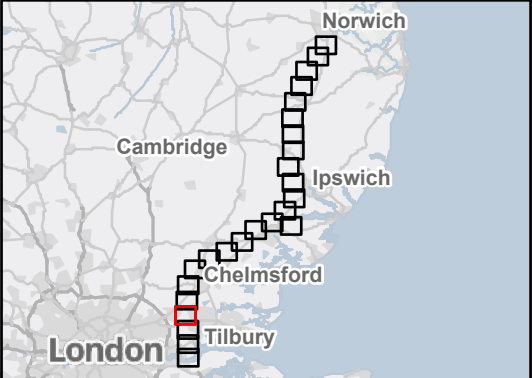
- Proposed overhead line alignment
- Proposed pylon position
- Other temporary and permanent construction and operational works

**Discipline specific constraints**

- 1km Study Area

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
nationalgrid Norwich to Tilbury

Title:  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 22 of 25

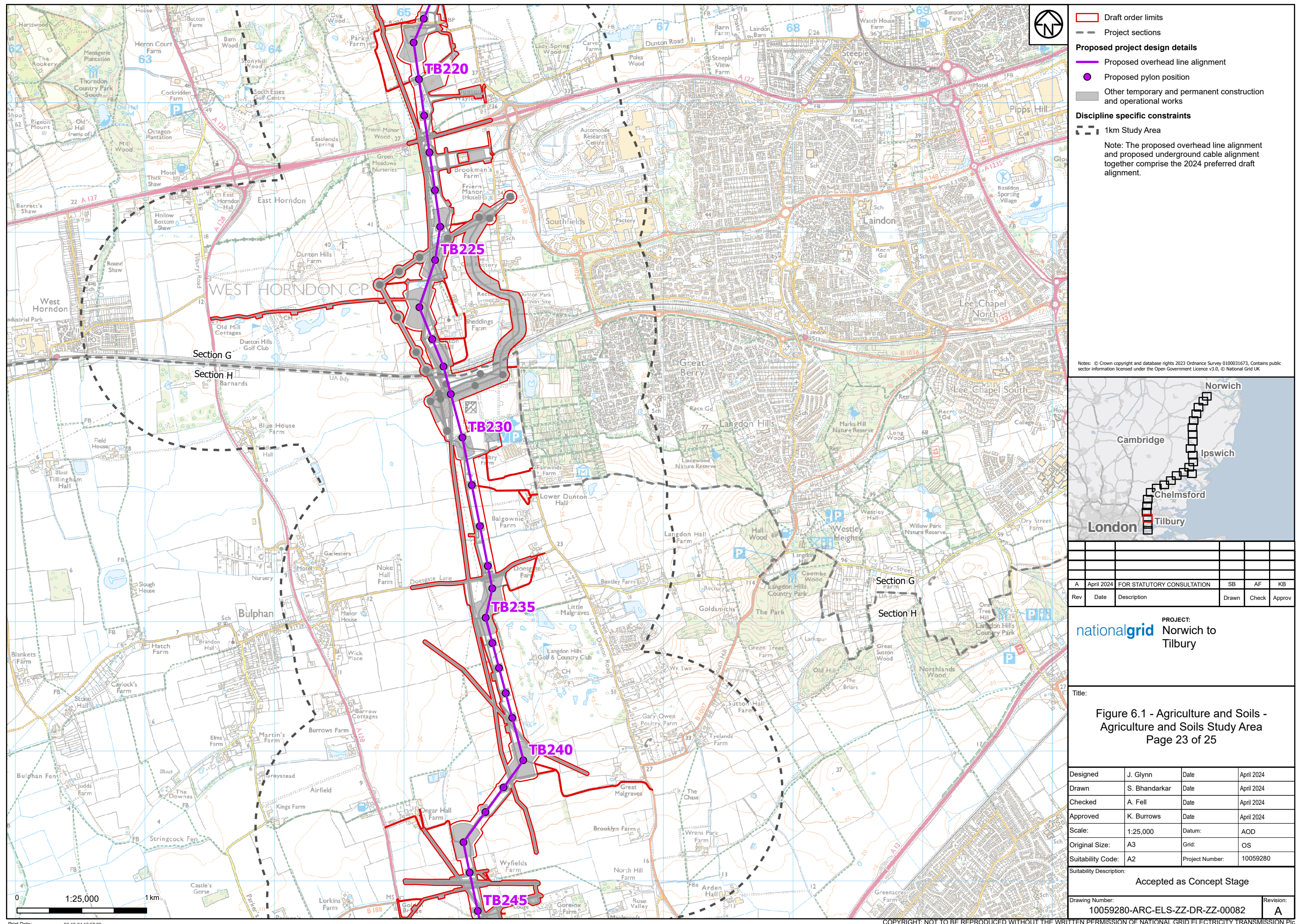
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

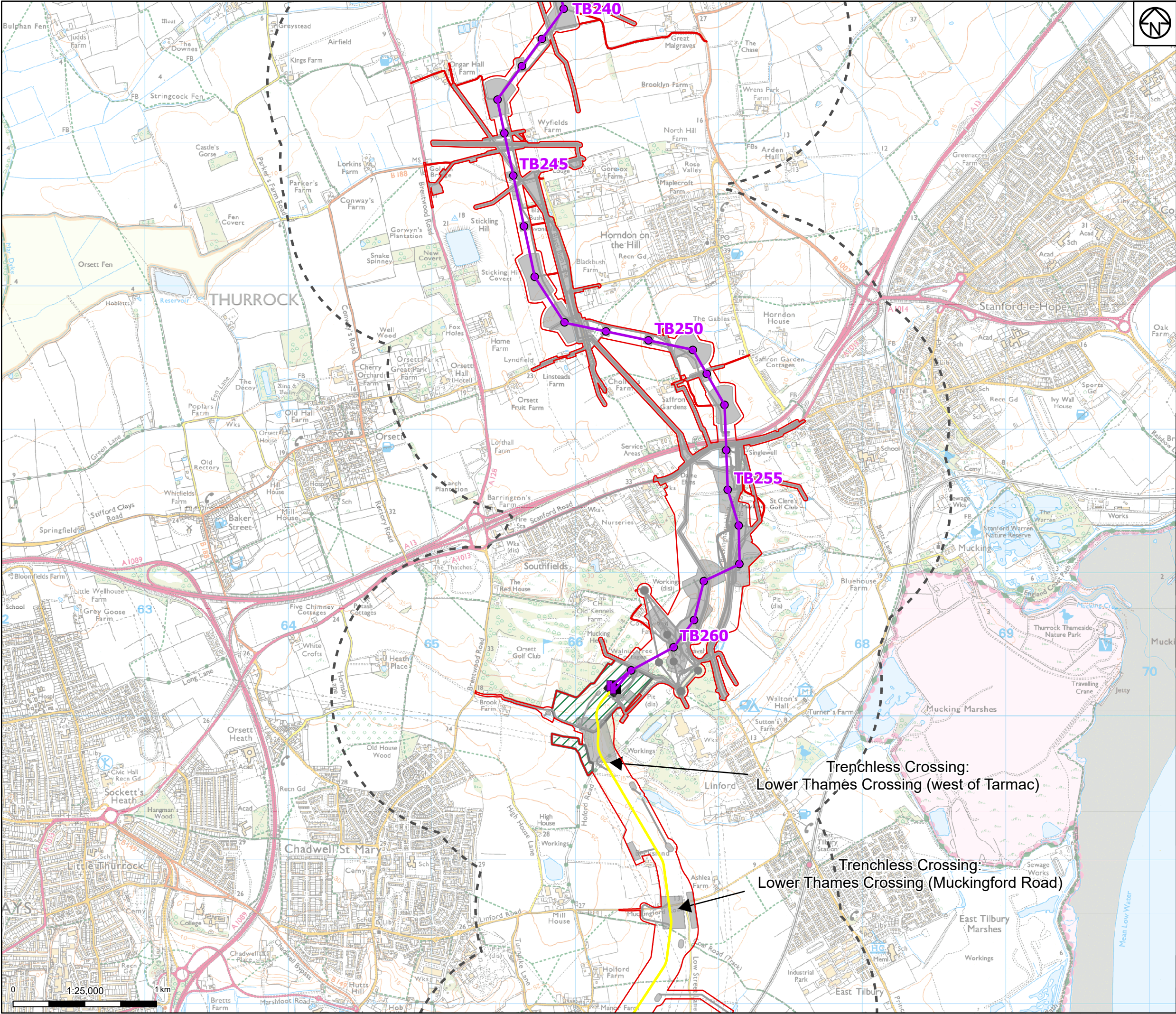
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A









- Proposed project design details**
- Draft order limits
  - 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
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

PROJECT:  
**nationalgrid** Norwich to Tilbury

Title:  
**Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area**  
Page 24 of 25

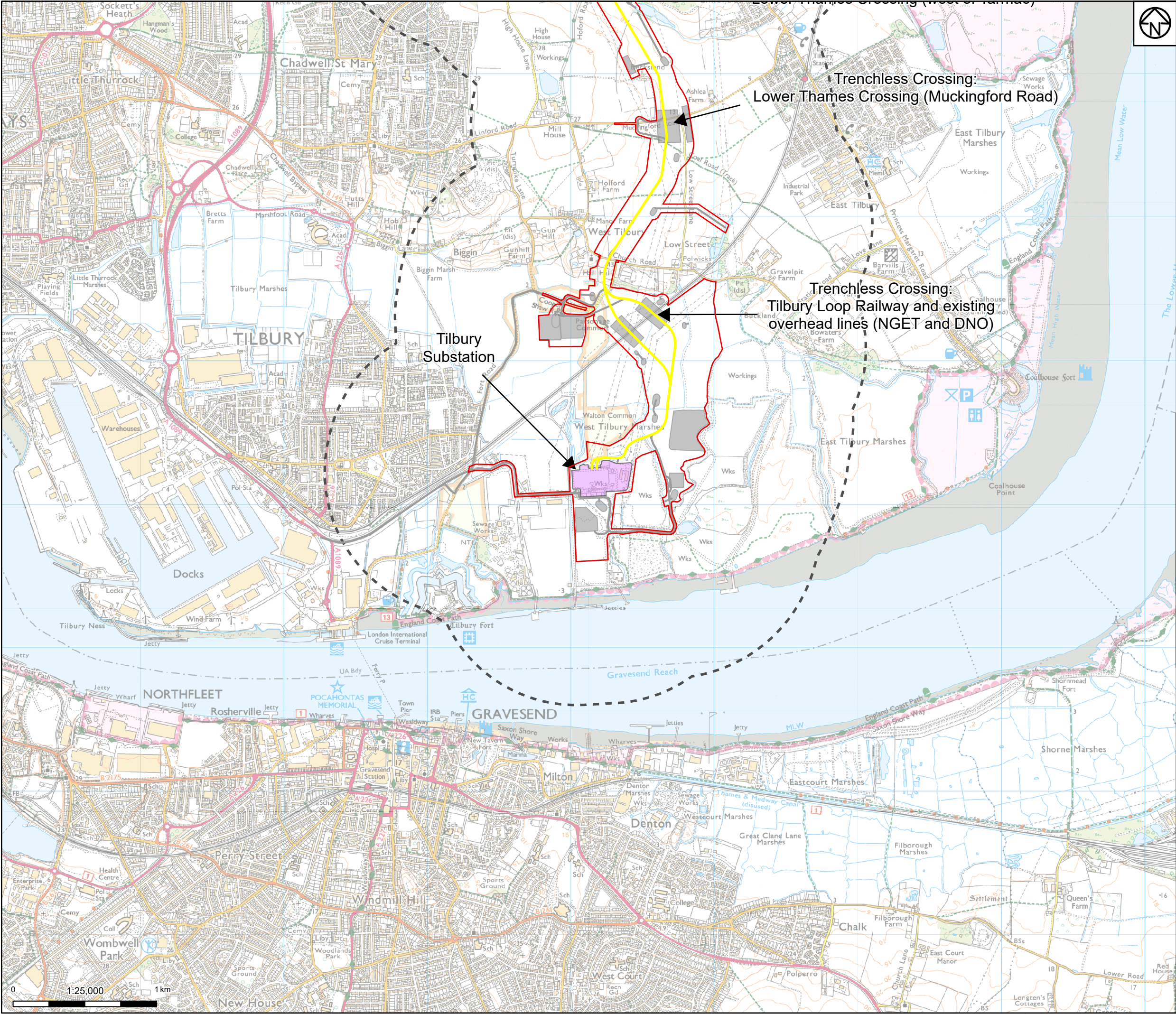
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
**Accepted as Concept Stage**

Drawing Number:  
**10059280-ARC-ELS-ZZ-DR-ZZ-00082**

Revision:  
**A**





- Legend**
- Draft order limits
  - Proposed project design details**
    - Proposed underground cable alignment
    - Existing substation
    - 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.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK



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

**PROJECT:**  
Norwich to Tilbury

**Title:**  
Figure 6.1 - Agriculture and Soils - Agriculture and Soils Study Area  
Page 25 of 25

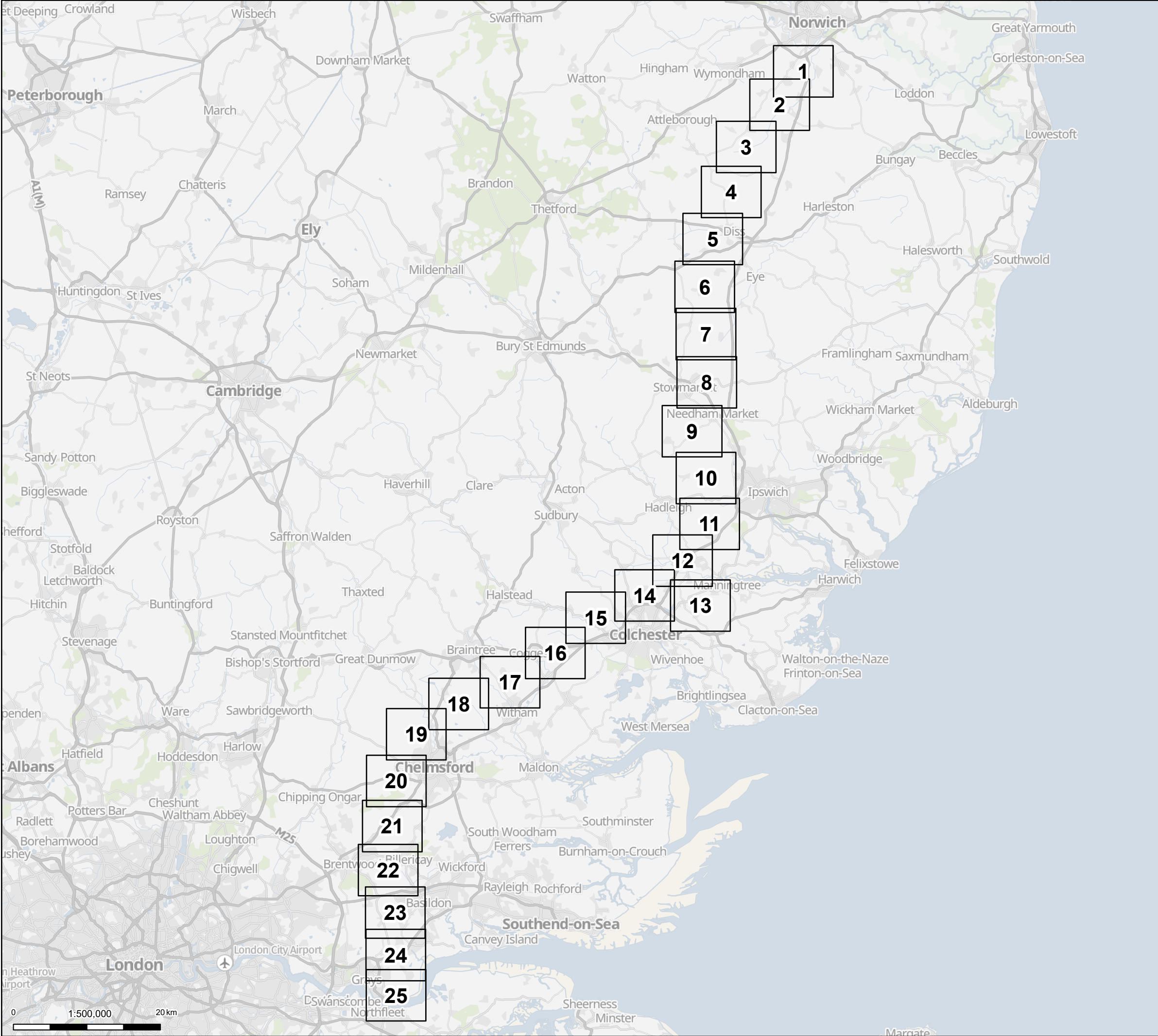
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280


Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00082

Revision:  
A









Pages

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:

Norwich to Tilbury

Title:

Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) 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

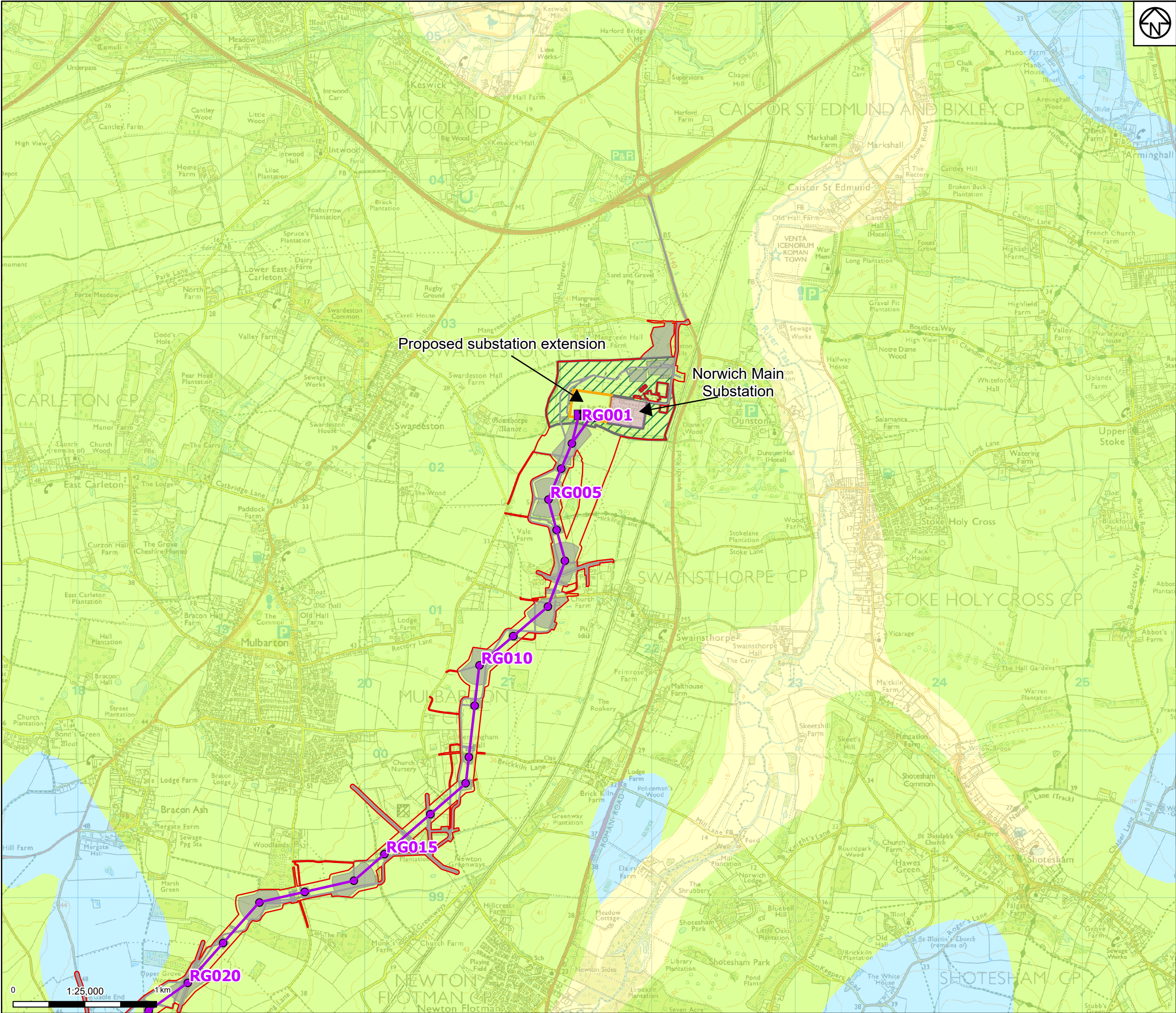
Drawing Number:

10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:

A





Draft order limits

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

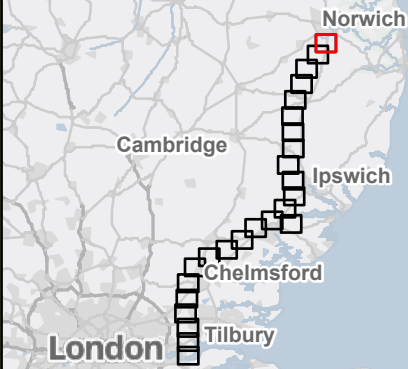
- Discipline specific constraints
- Provisional Agricultural Land Classification
- Grade 2

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 1 of 25

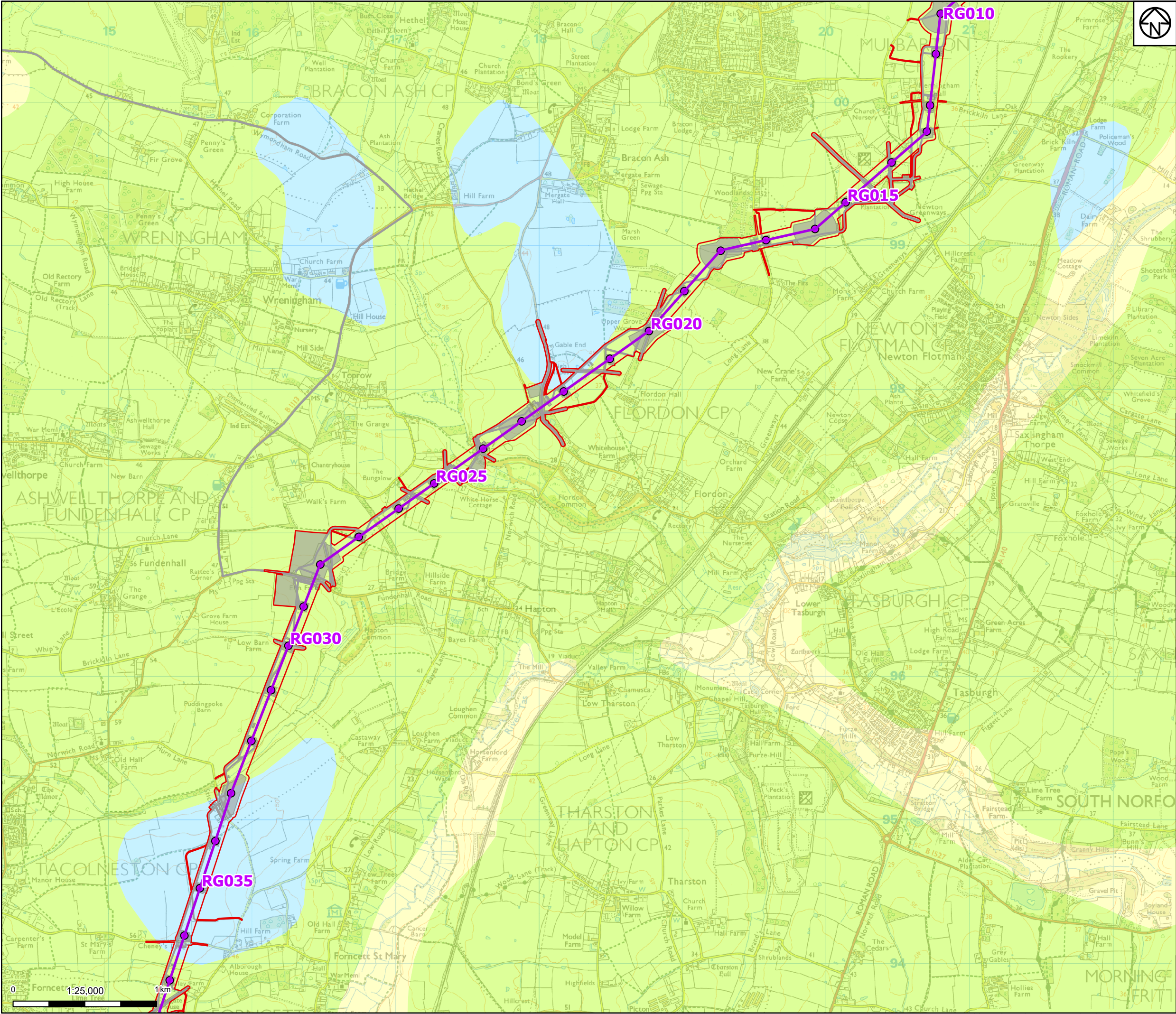
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

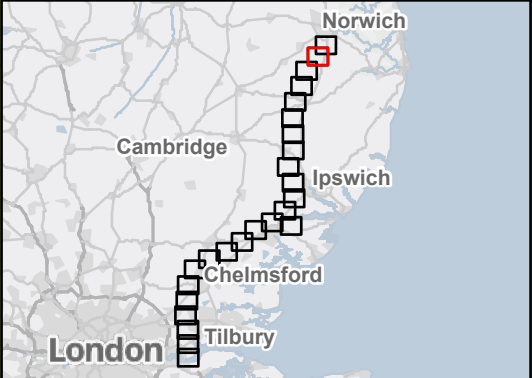
Grade 2

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

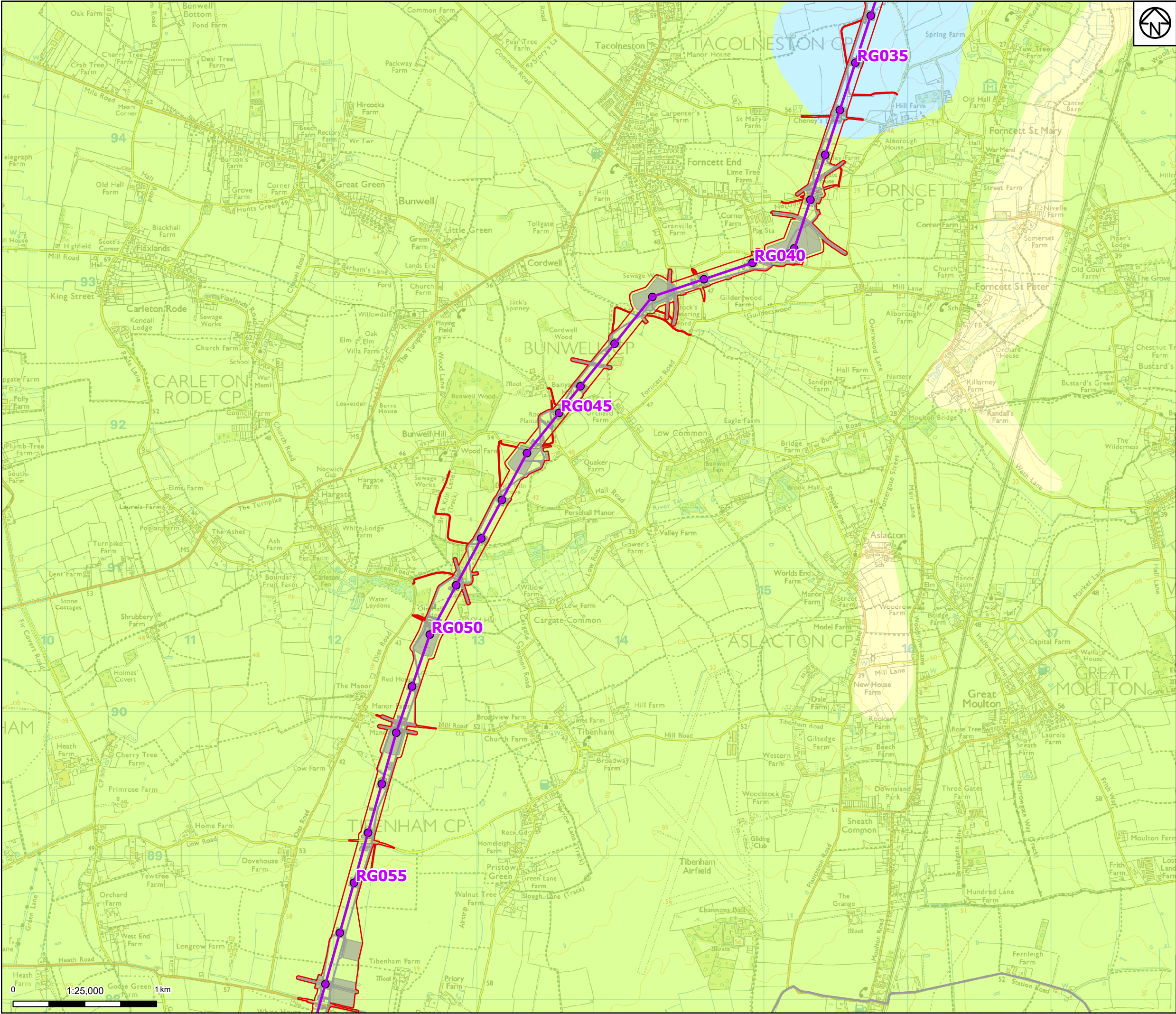
Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 2 of 25

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
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-00083	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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 3 of 25

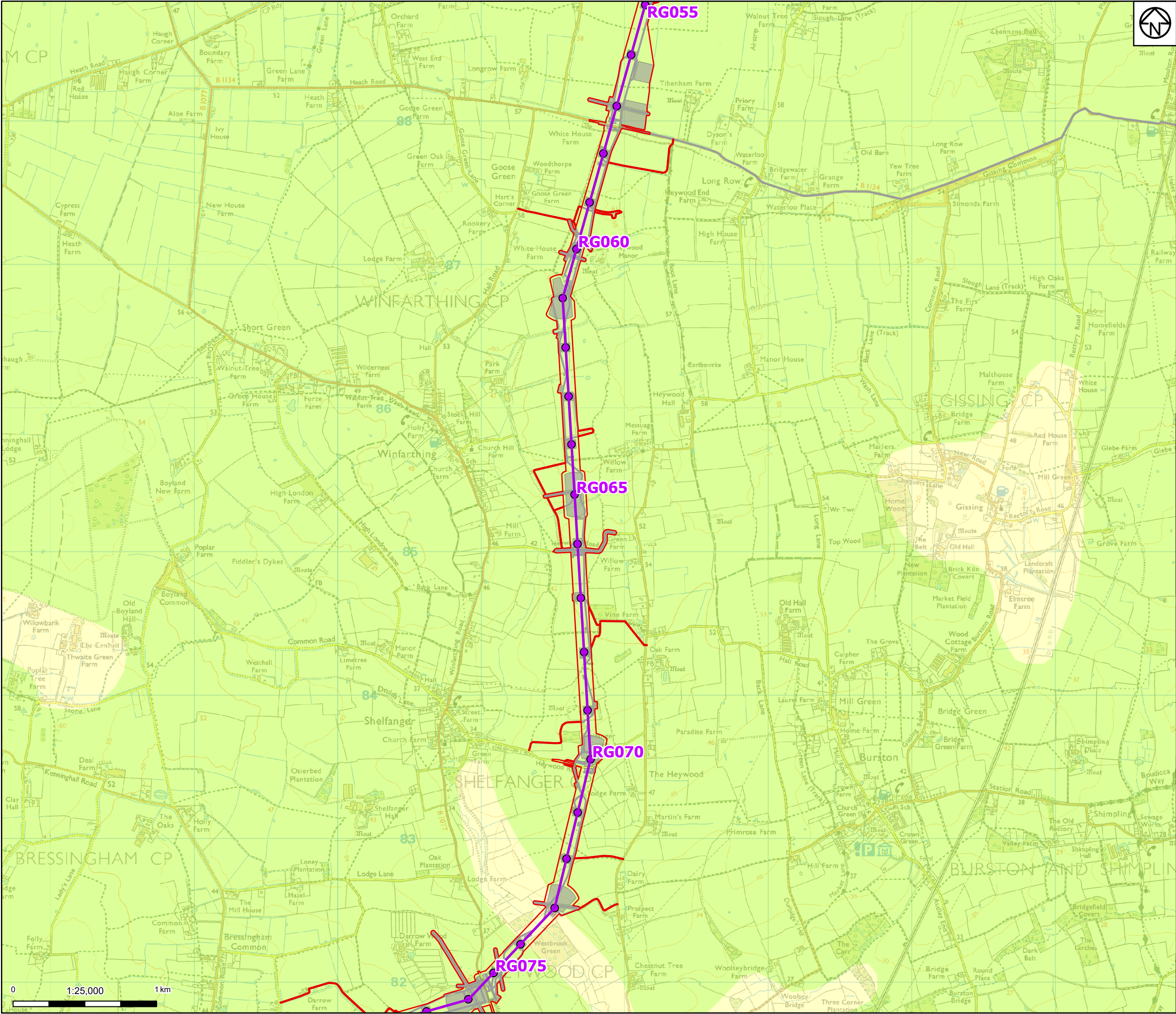
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00083			Revision: A

Print Date:

03-19-24 12:57:20

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





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

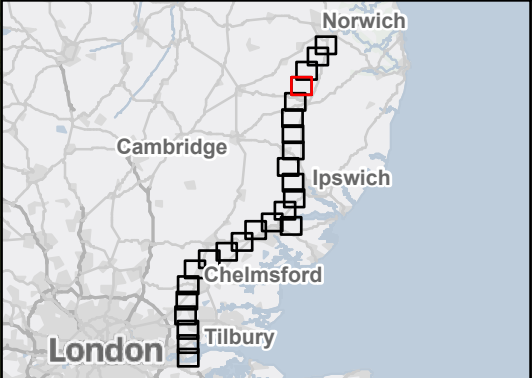
Provisional Agricultural Land Classification

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:

Norwich to Tilbury

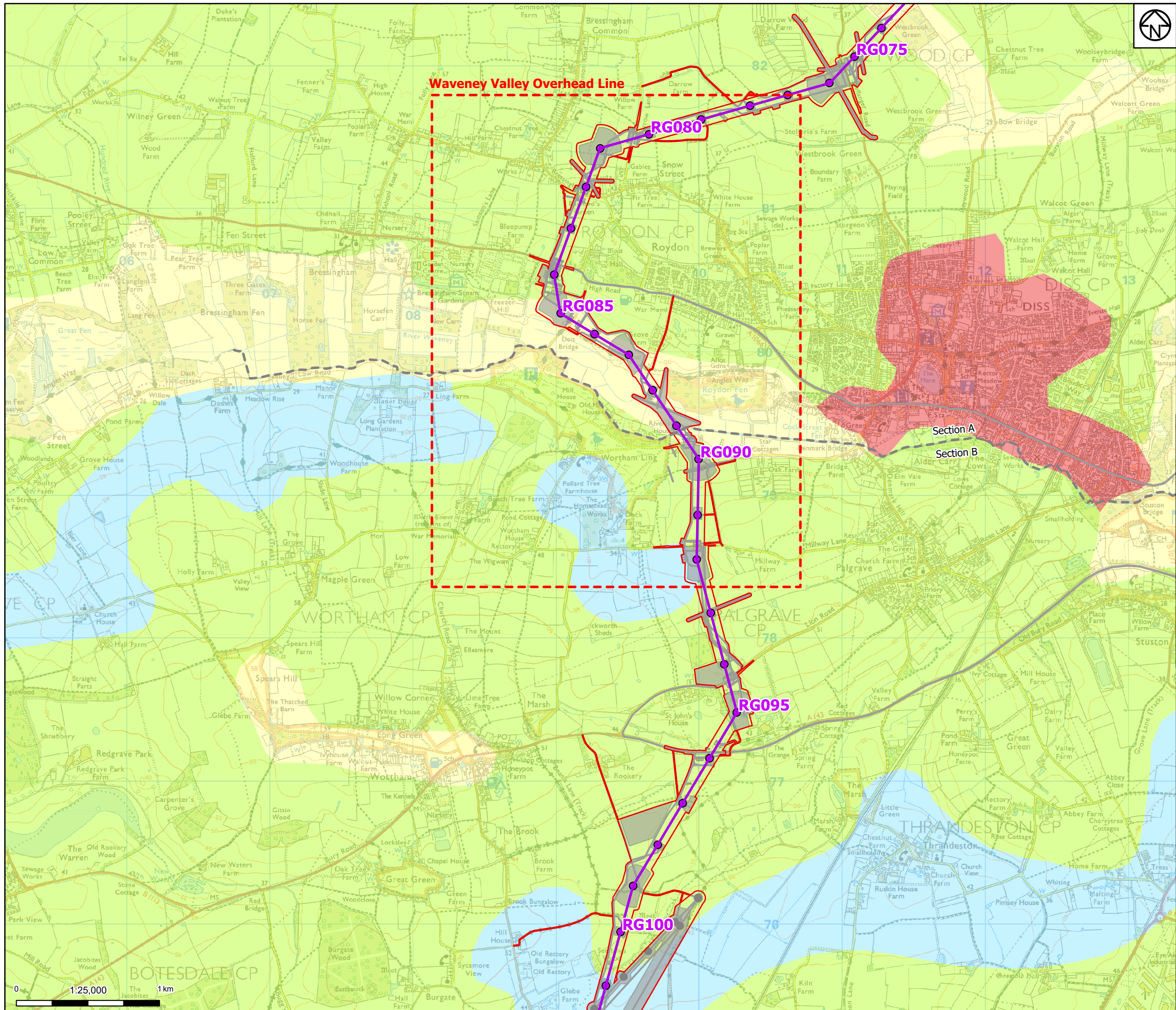
Title:  
Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping  
Page 4 of 25

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

Suitability Description:  
Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00083	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**
  - Provisional Agricultural Land Classification
    - Grade 2
    - Grade 3
    - Grade 4
    - Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

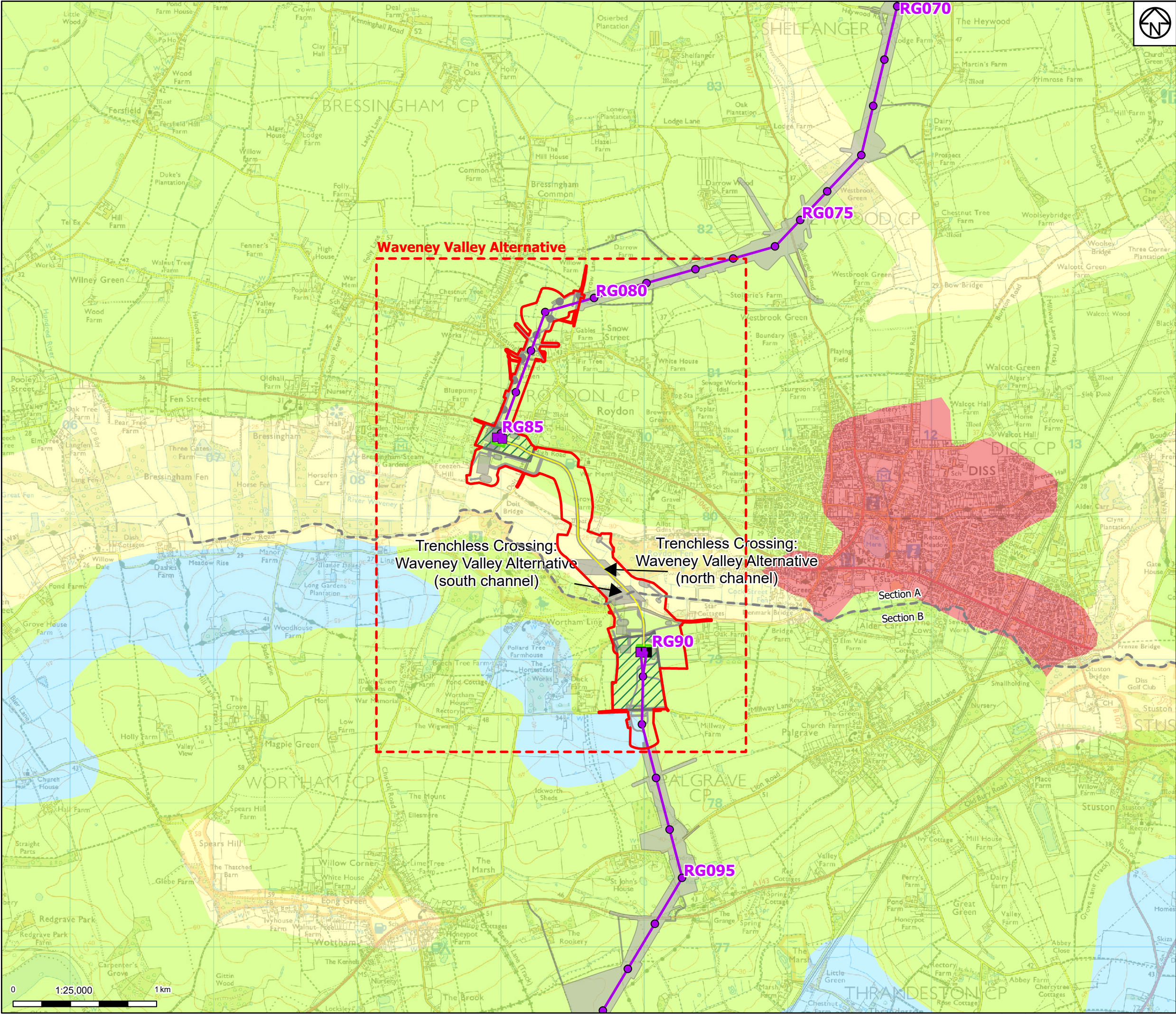
Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 5 of 25

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

Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00083	A



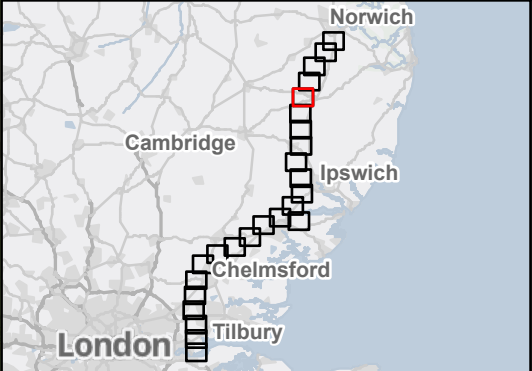


**Legend**

- 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
  - Proposed cable sealing end compound
  - Proposed environmental areas
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - Provisional Agricultural Land Classification
    - Grade 2
    - Grade 3
    - Grade 4
    - Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

**PROJECT:**  
Norwich to Tilbury

Title:  
Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping  
Page 5a of 25

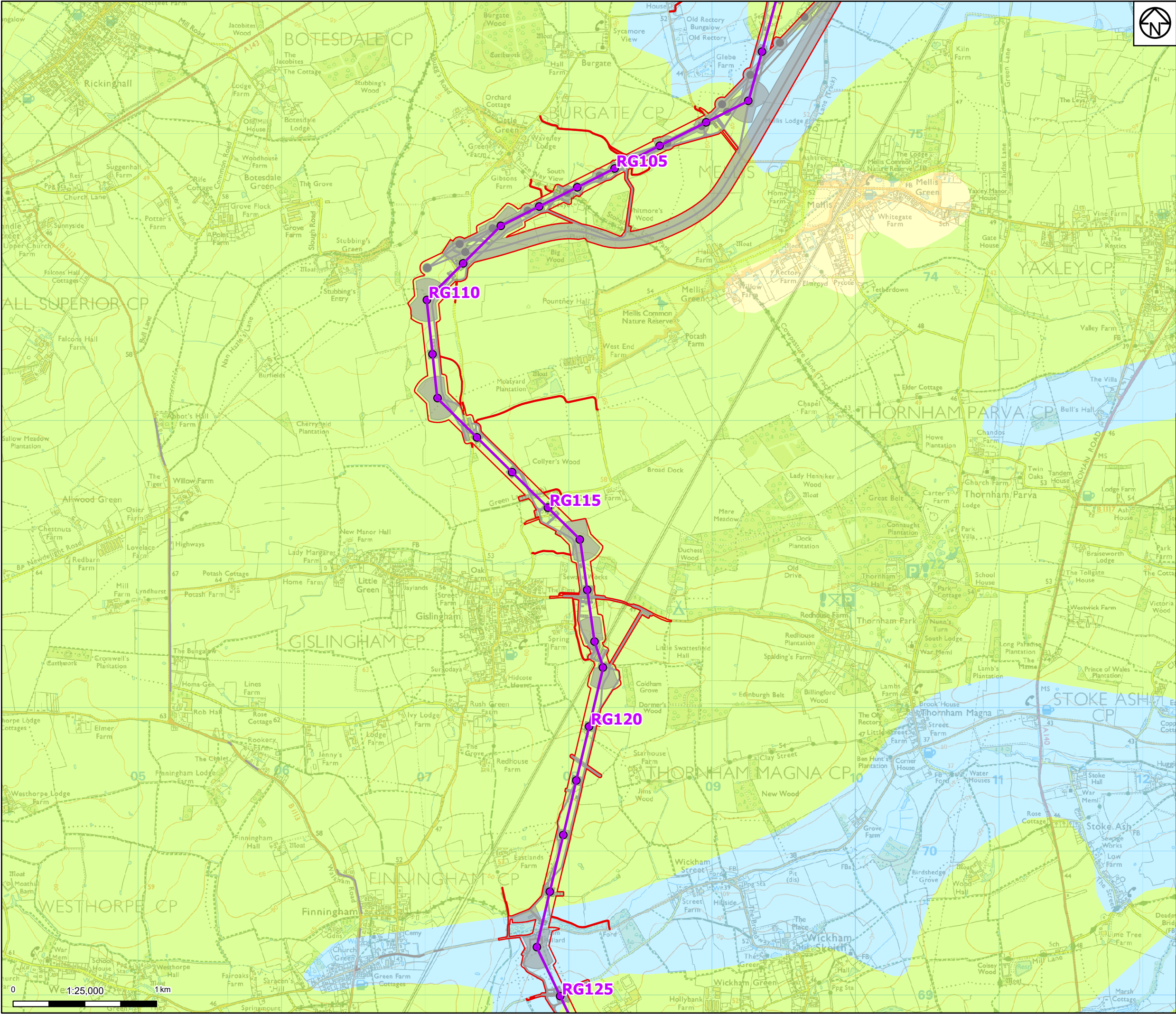
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

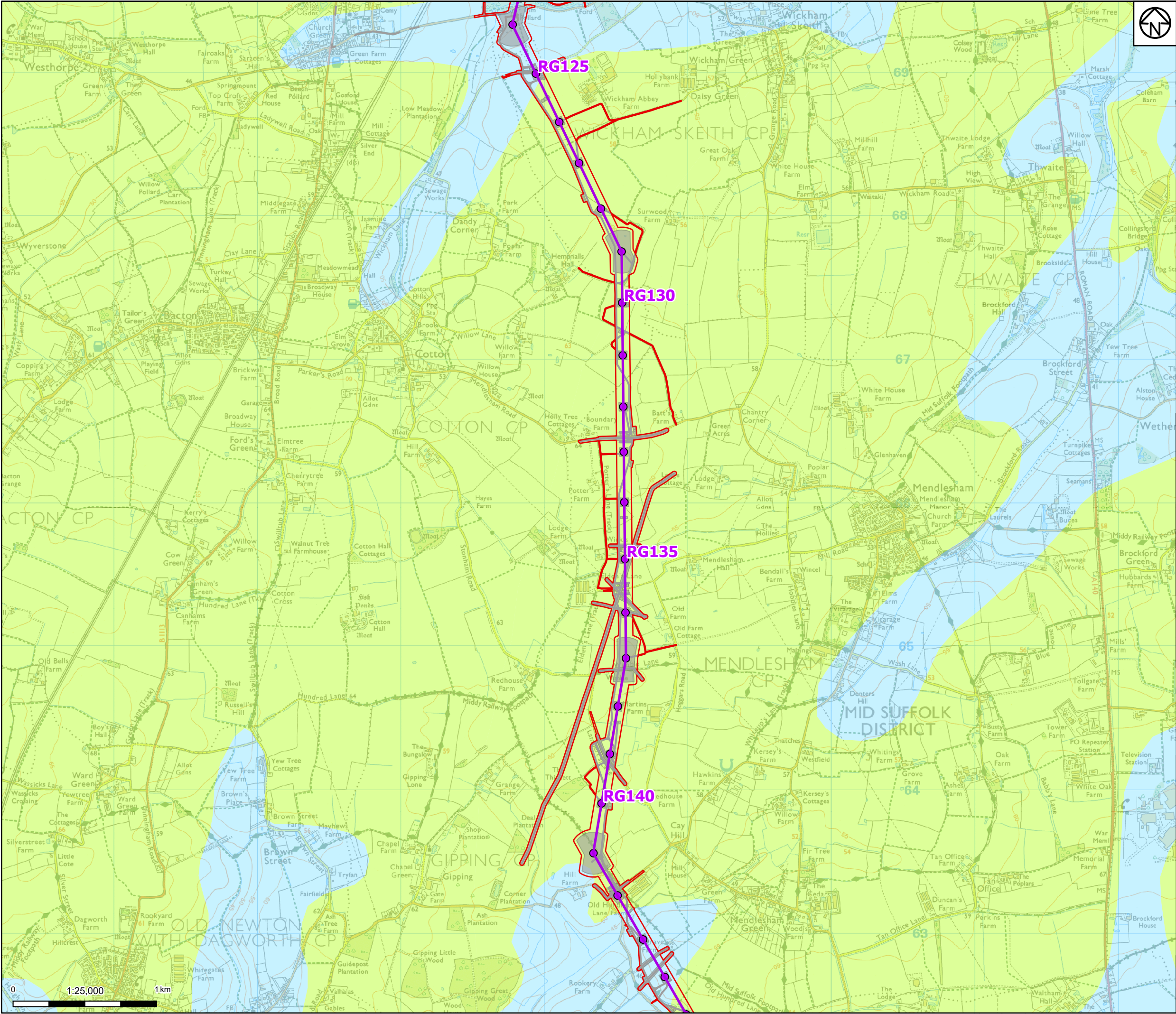
Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 6 of 25

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

Accepted as Concept Stage

Drawing Number:	Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00083	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

Provisional Agricultural Land Classification

Grade 2

Grade 3

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

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

PROJECT:  
Norwich to  
Tilbury

Title:  
  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 7 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:  Accepted as Concept Stage			

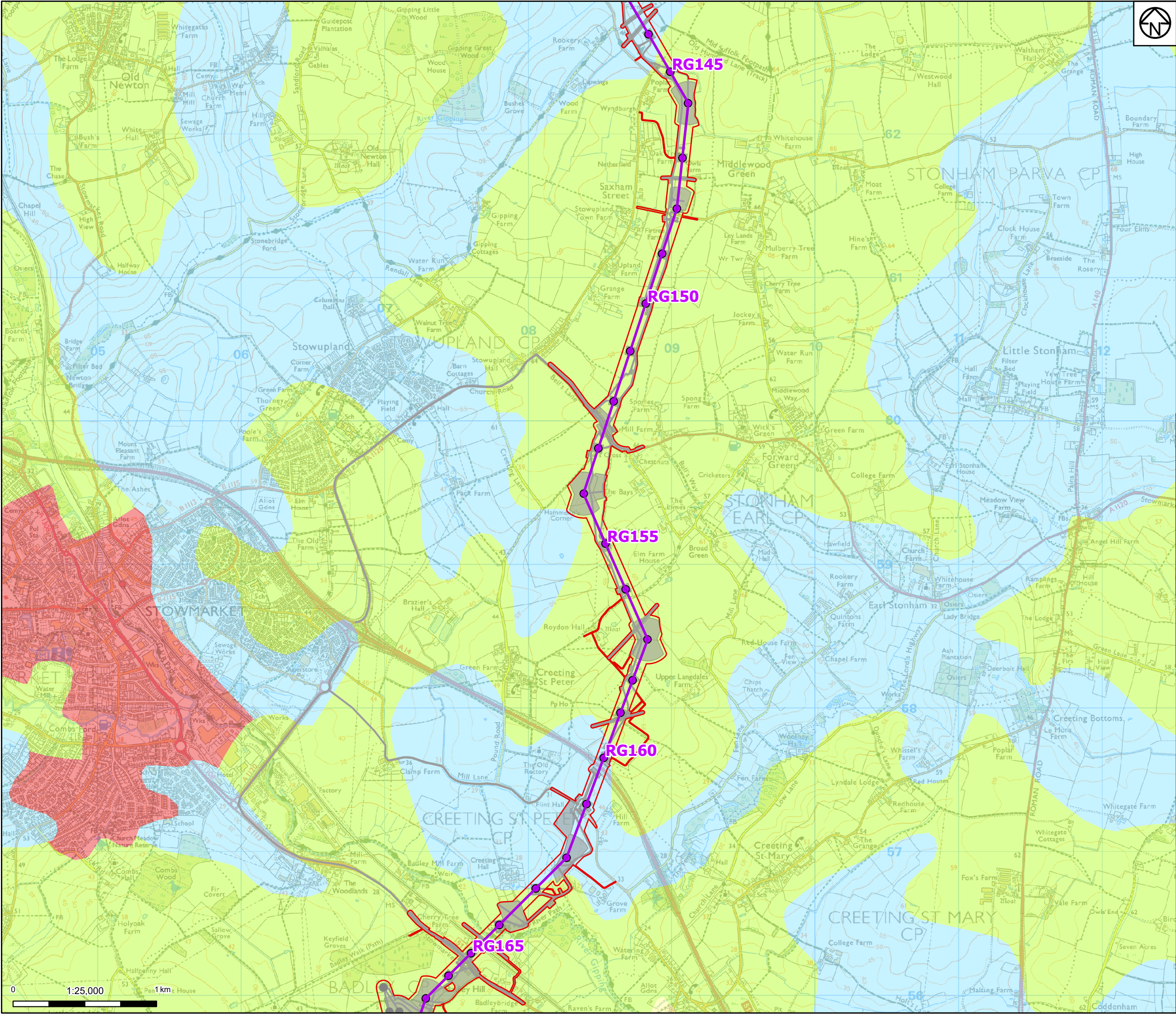
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:  
A

Print Date:03-19-24 12:58:07

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





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**

Provisional Agricultural Land Classification

Grade 2

Grade 3

Grade 4

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

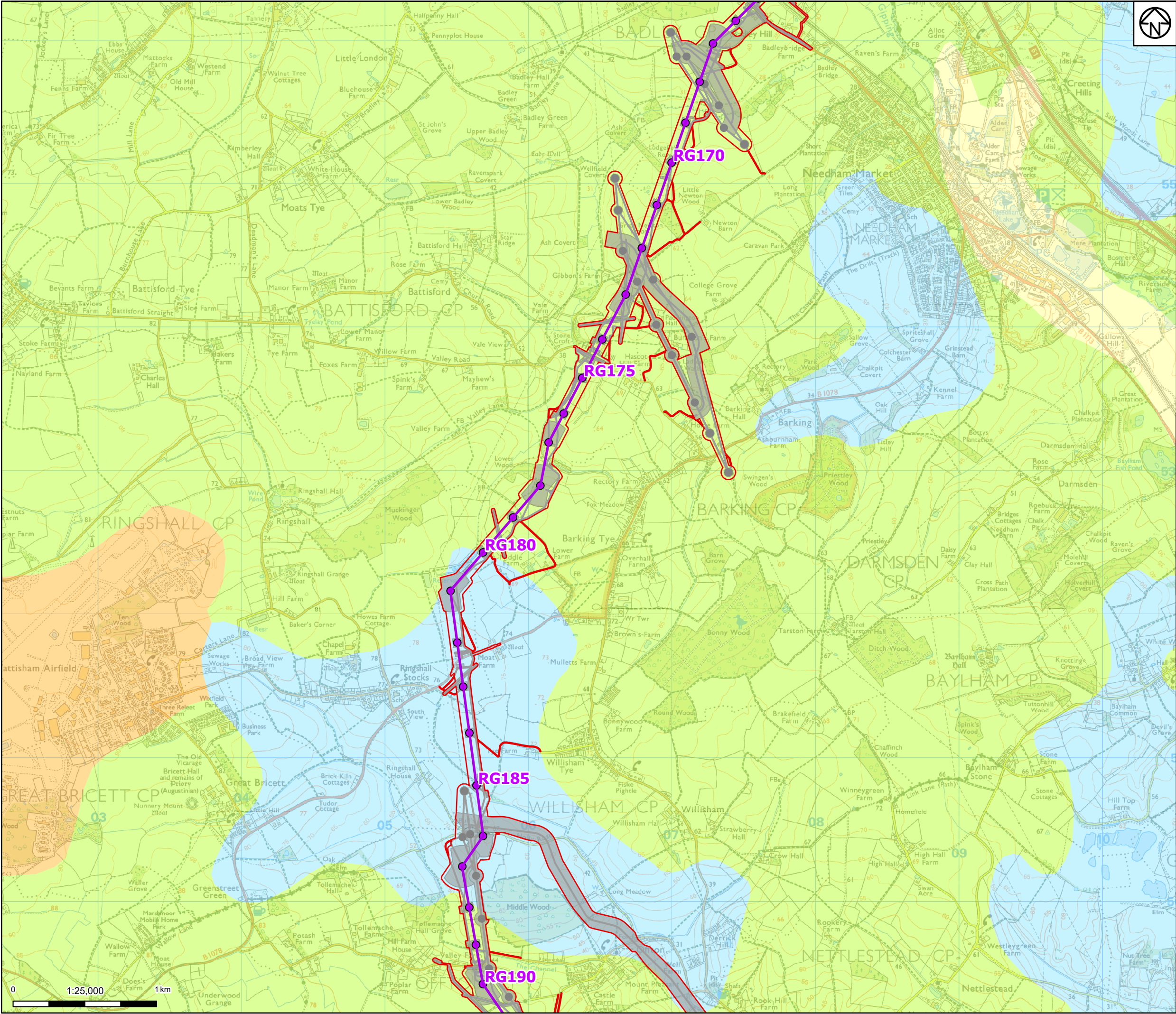
Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 8 of 25

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
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-00083	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

Provisional Agricultural Land Classification

Grade 2

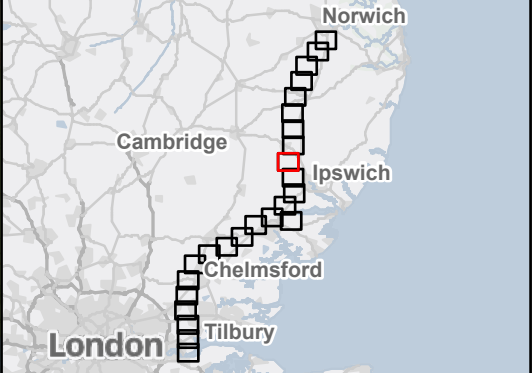
Grade 3

Grade 4

Non Agricultural

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 9 of 25

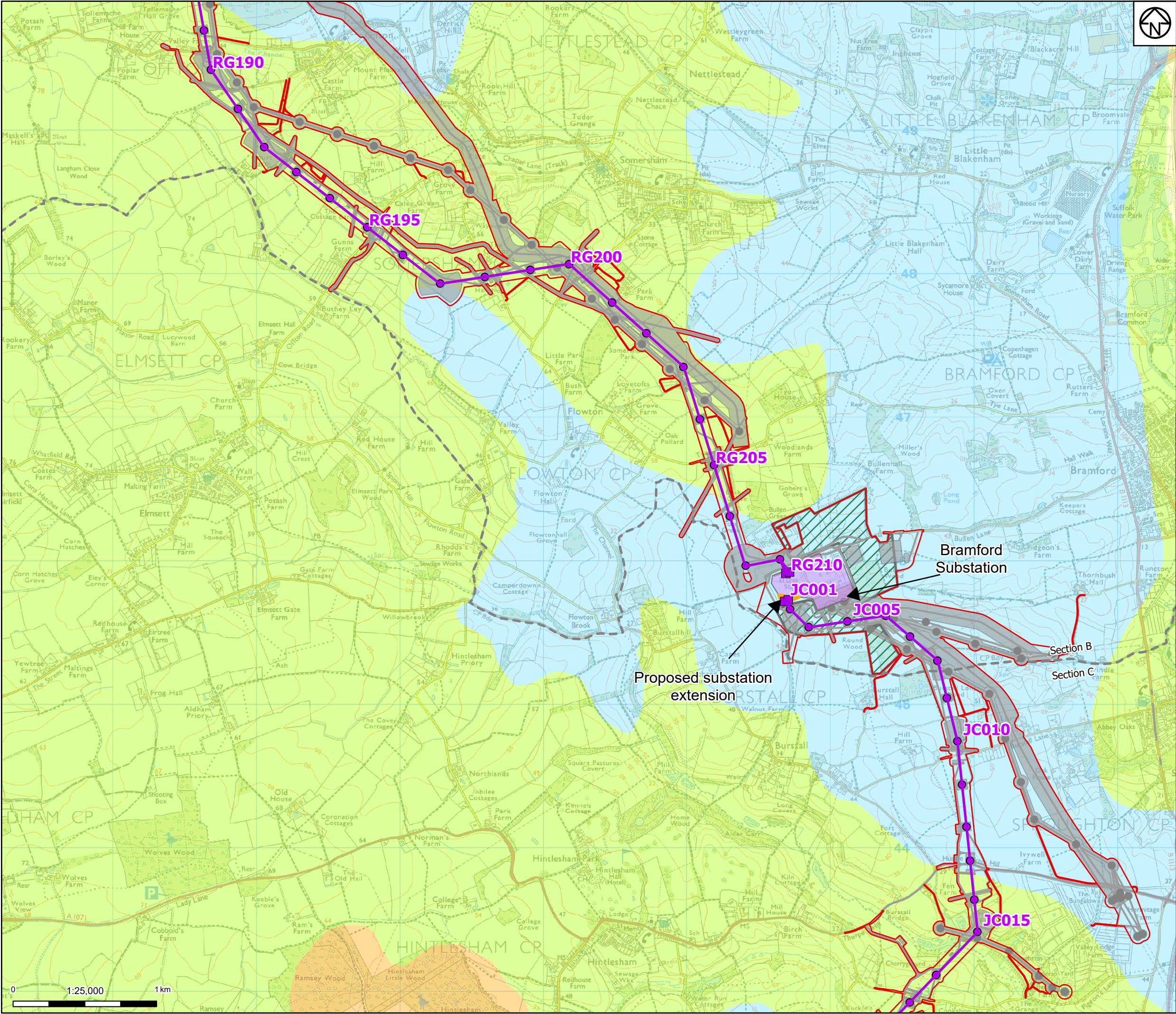
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:  
A





Draft order limits

Project sections

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Grade 4

Non Agricultural

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 10 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

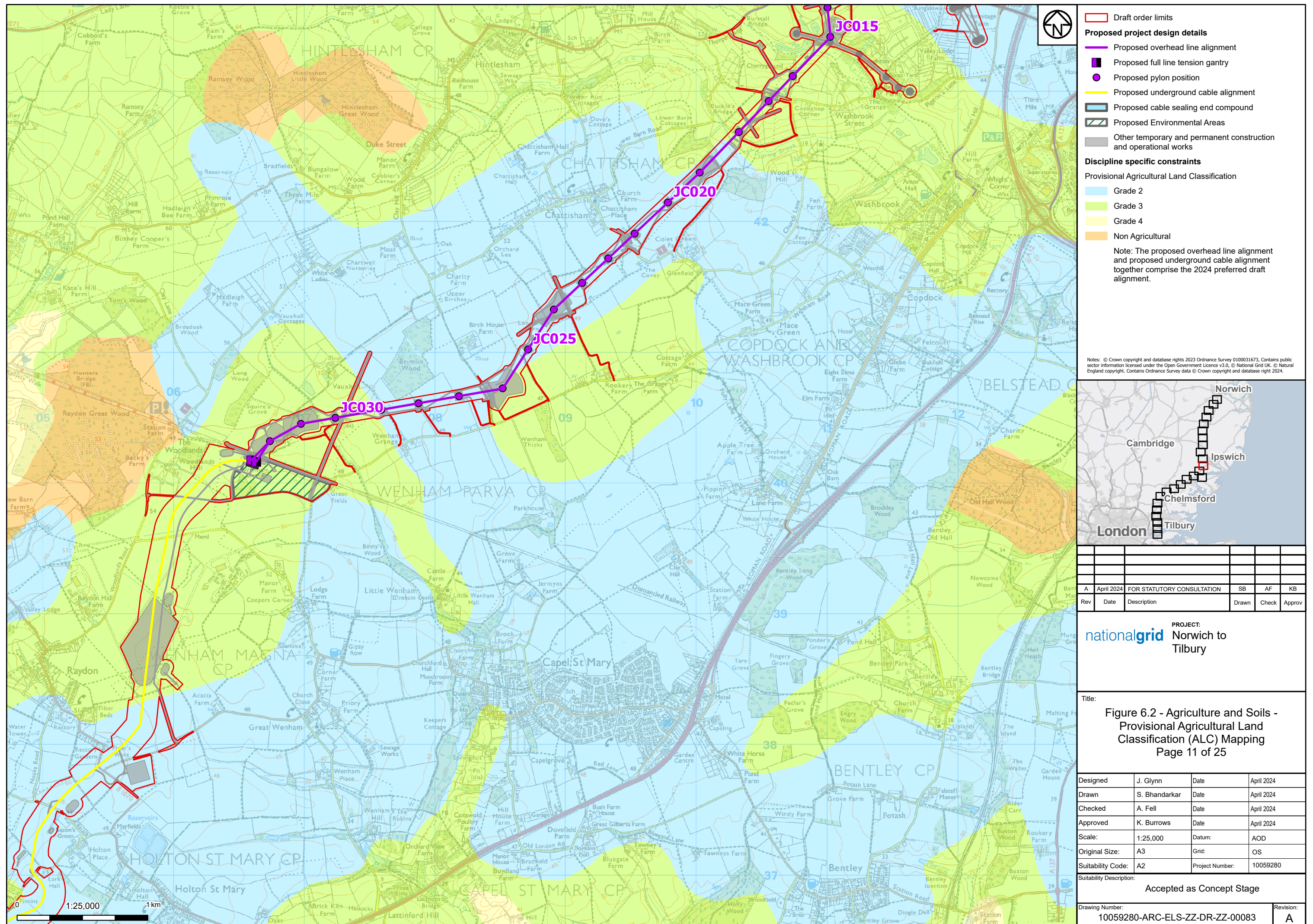
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:  
A

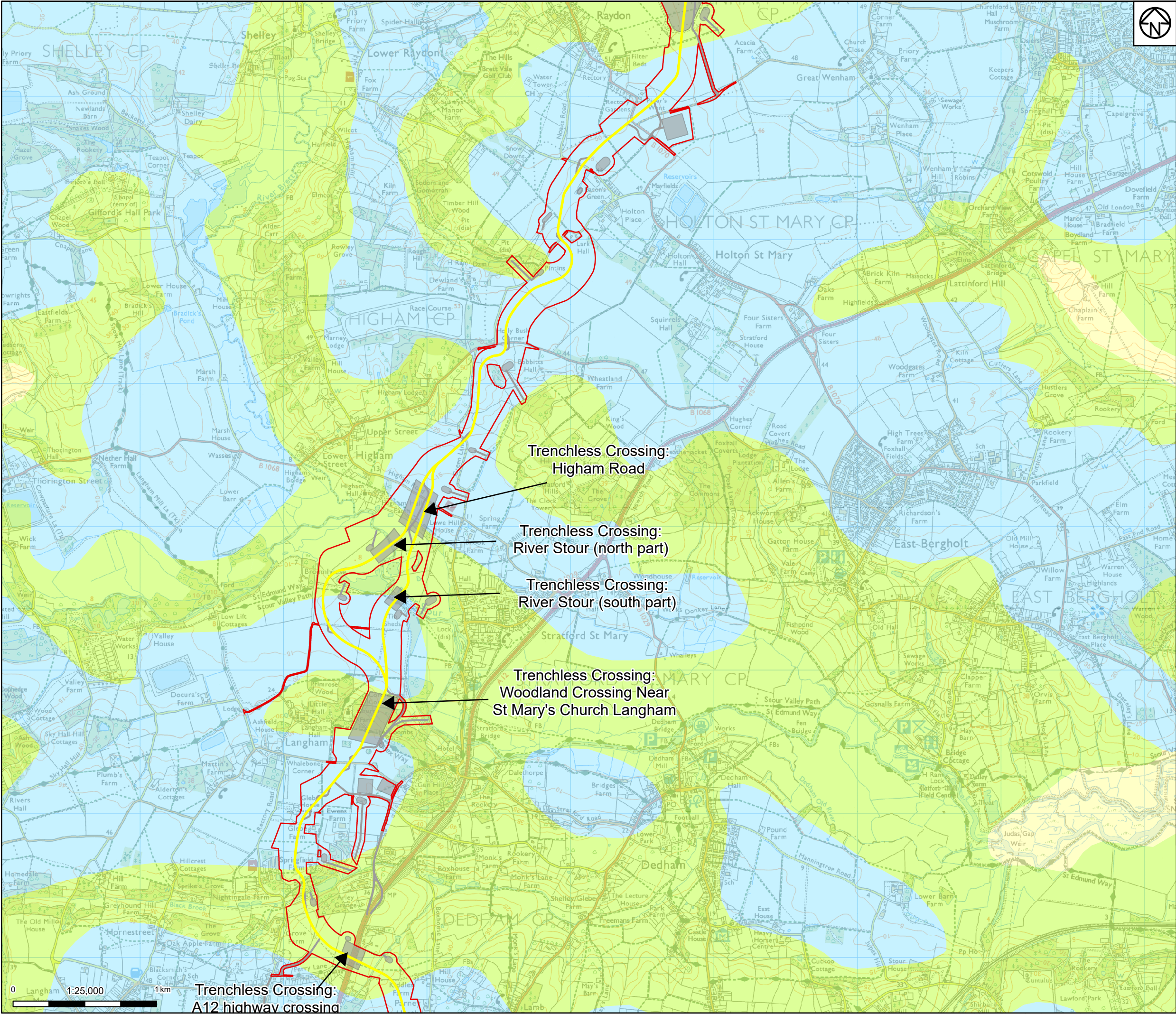
Print Date: 03-19-24 12:58:36


COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC











Draft order limits

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Provisional Agricultural Land Classification

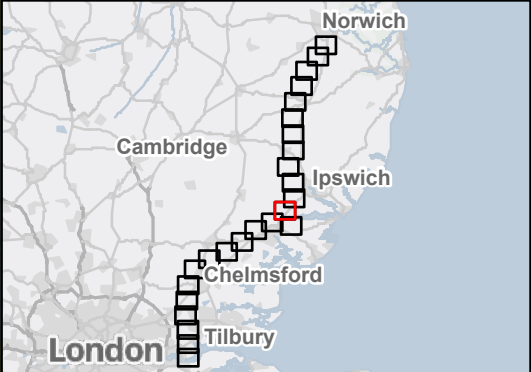
Grade 2

Grade 3

Grade 4

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:

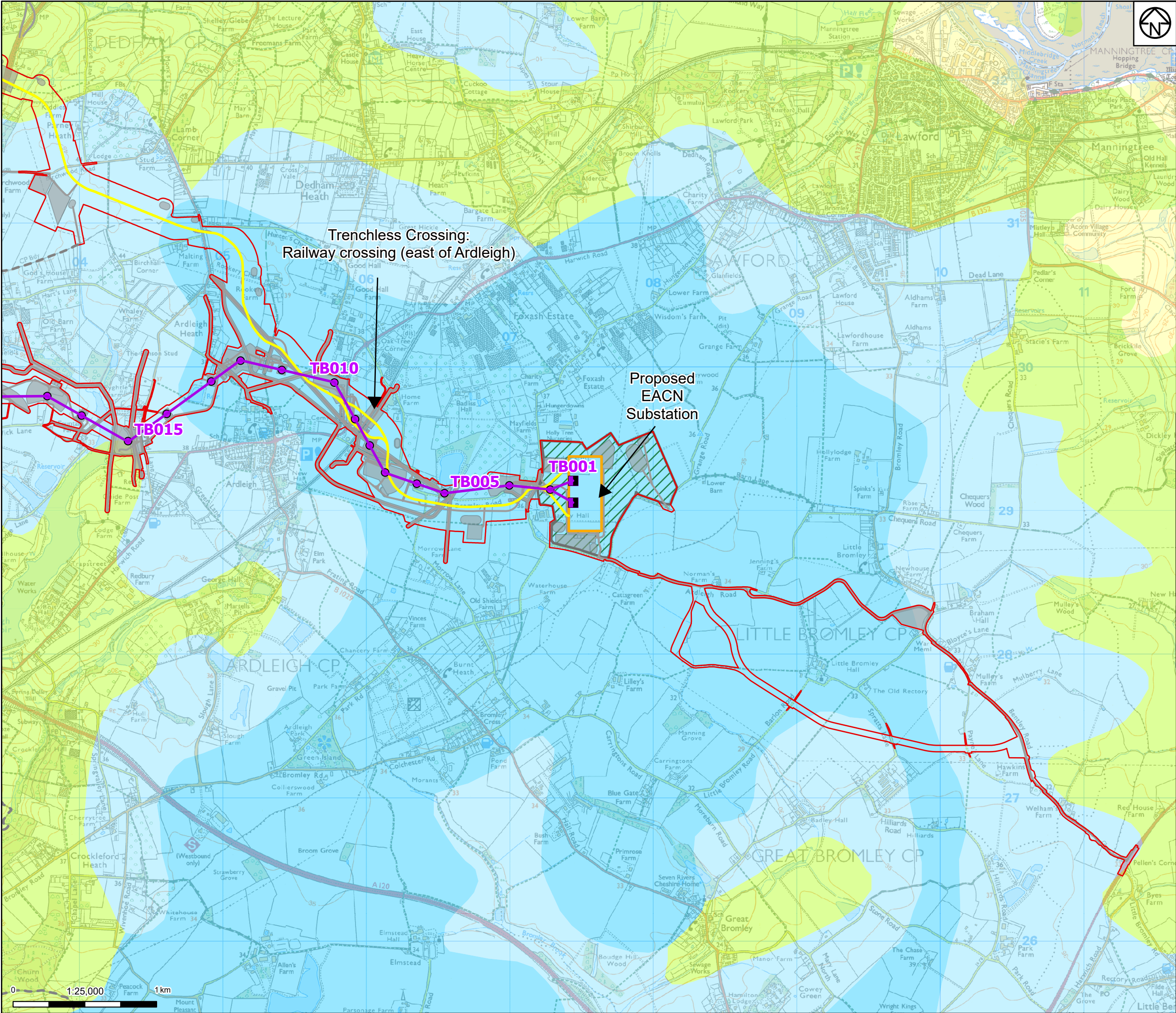
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 12 of 25

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
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-00083

Revision:  
A





- 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**
- Provisional Agricultural Land Classification**
- Grade 1
  - Grade 2
  - Grade 3
  - Grade 4
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the 2024 preferred draft alignment.

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:

Norwich to Tilbury

Title:

Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping

Page 13 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
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-00083

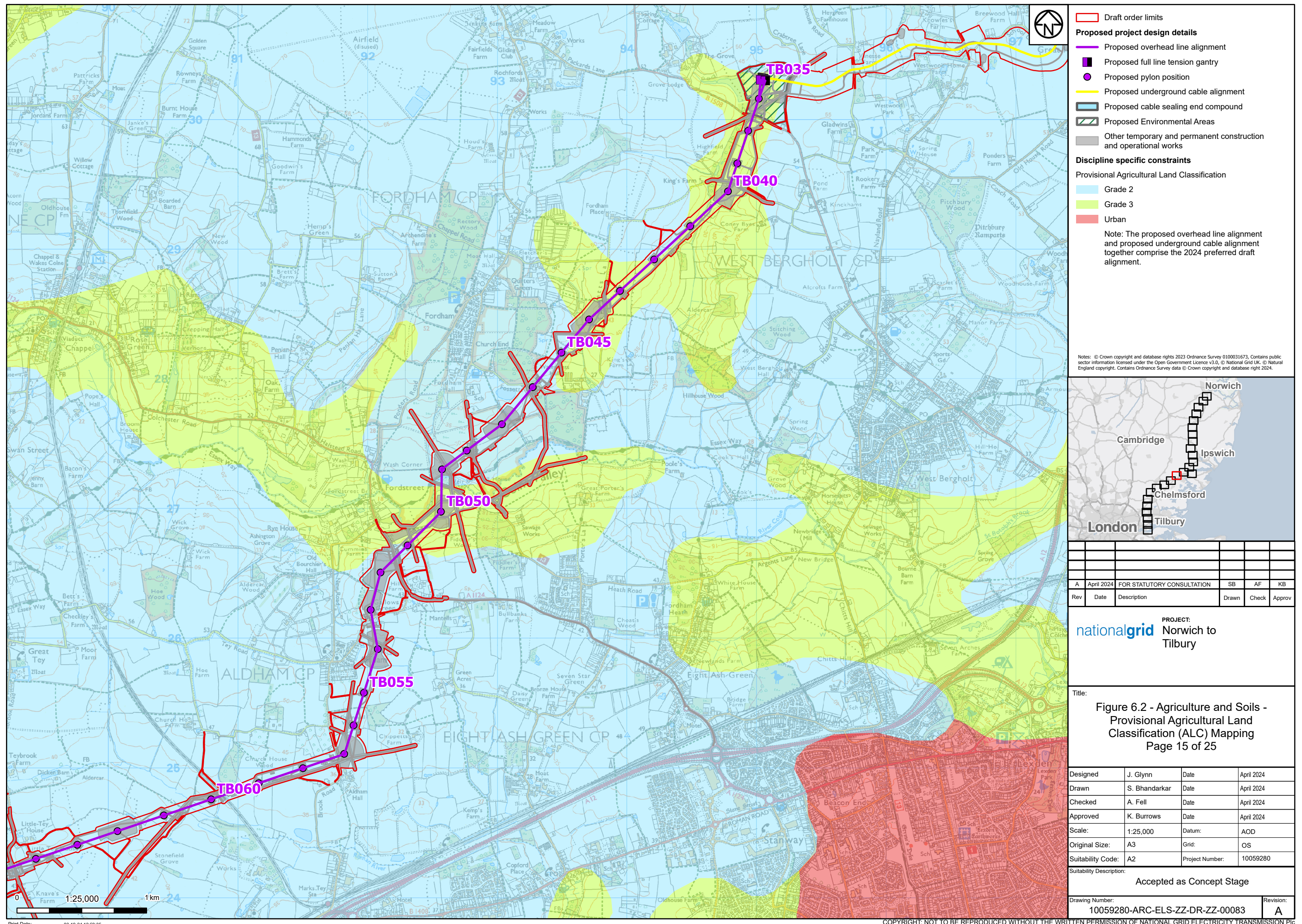
Revision:

A

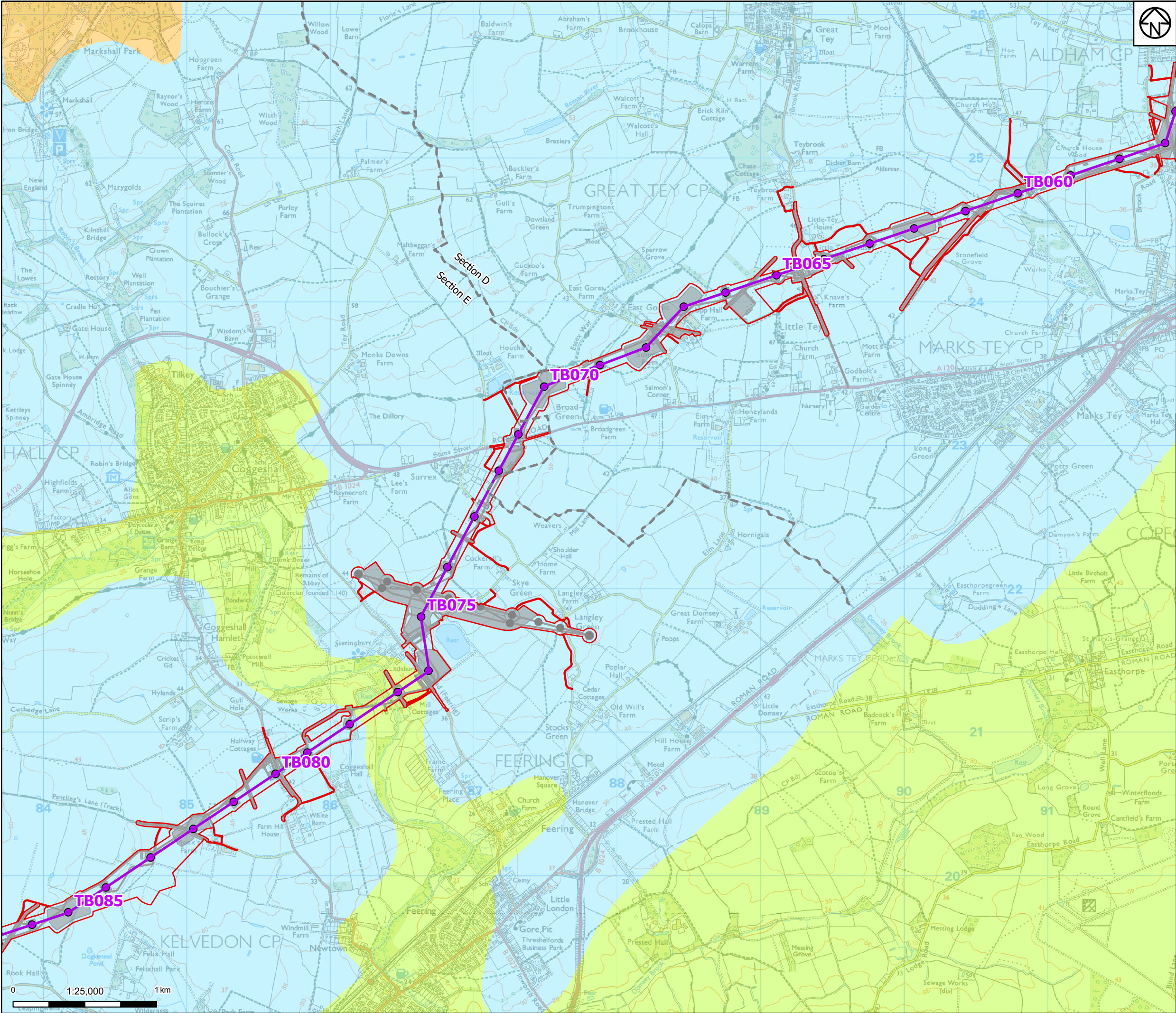








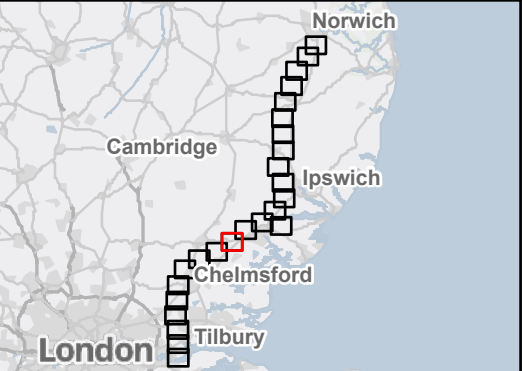




- Draft order limits
- Project sections
- Proposed project design details**
  - Proposed overhead line alignment
  - Proposed pylon position
  - Other temporary and permanent construction and operational works
- Discipline specific constraints**
  - Provisional Agricultural Land Classification
    - Grade 2
    - Grade 3
    - Non Agricultural

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 16 of 25

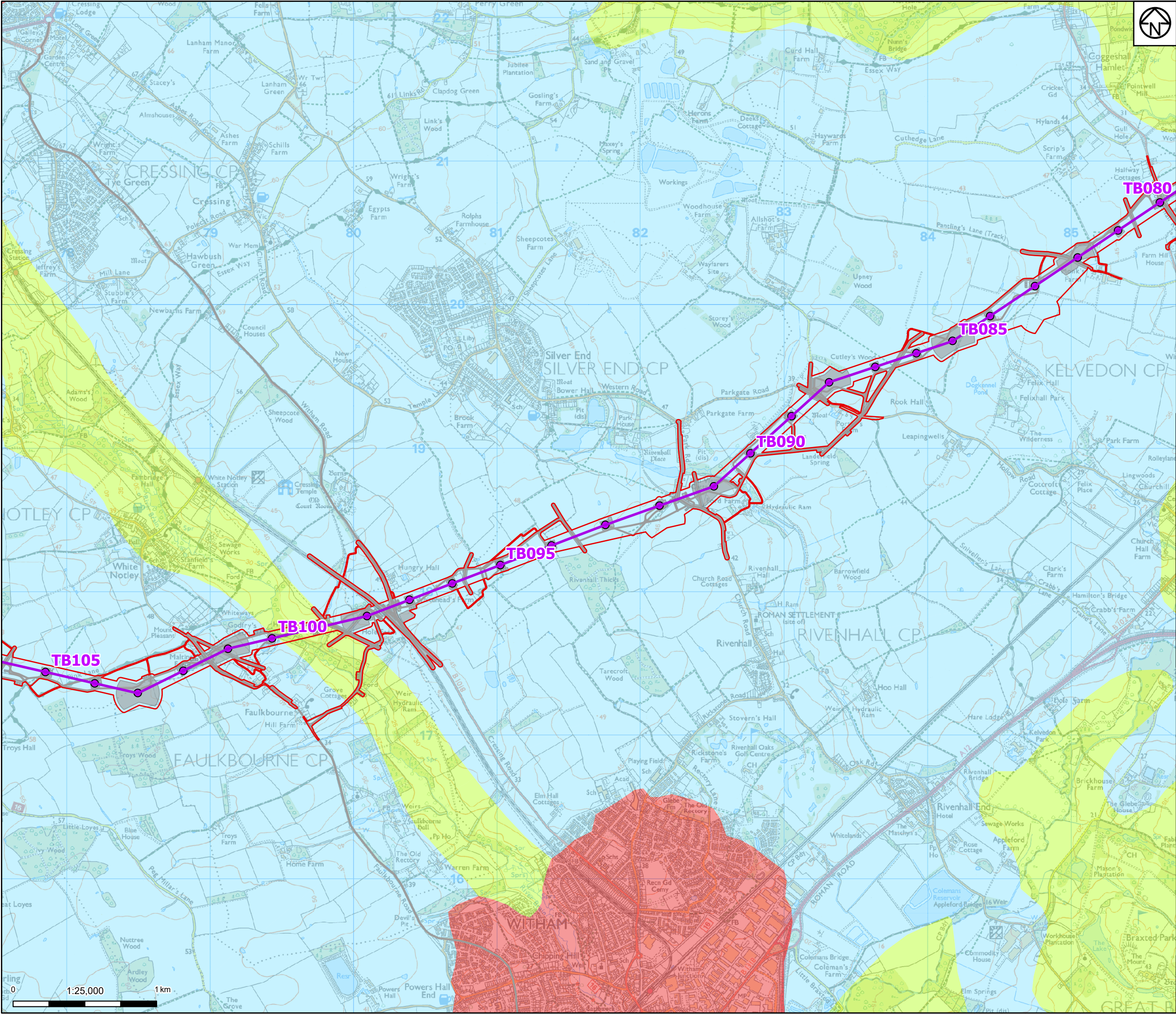
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

Norwich

Cambridge

Ipswich

Chelmsford

Tilbury

London

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

nationalgrid

PROJECT: Norwich to Tilbury

Title: Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping Page 17 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			

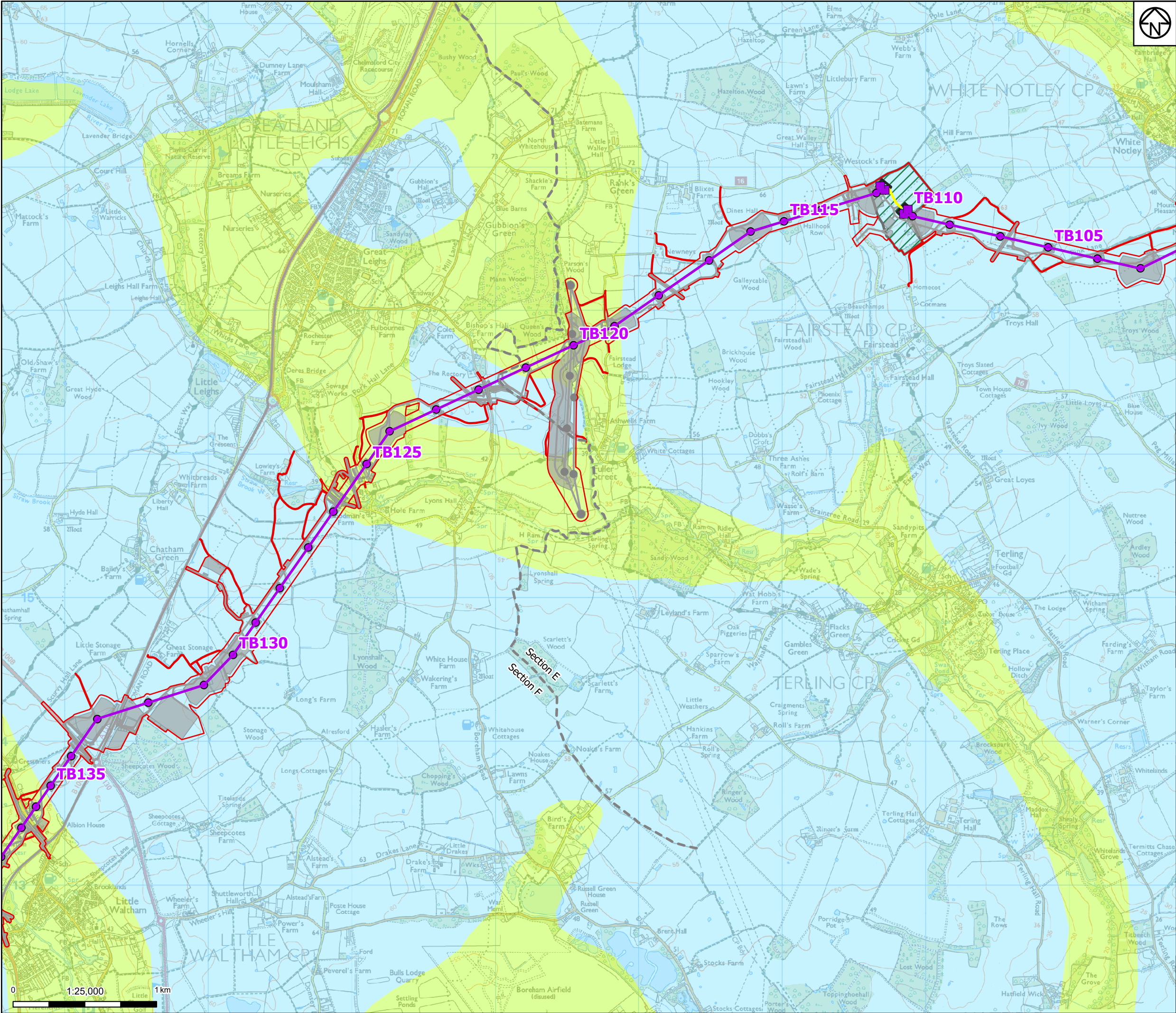
Drawing Number: 10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision: A

Print Date: 03-19-24 13:00:00

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





Draft order limits

Project sections

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

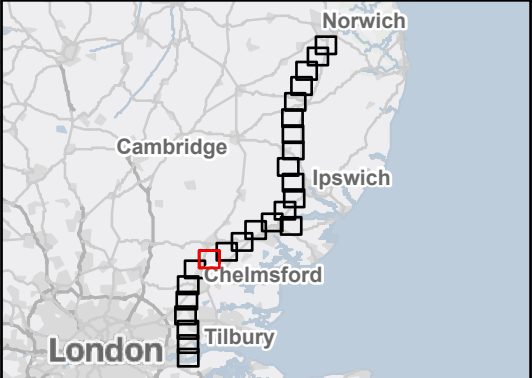
Provisional Agricultural Land Classification

Grade 2

Grade 3

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 18 of 25

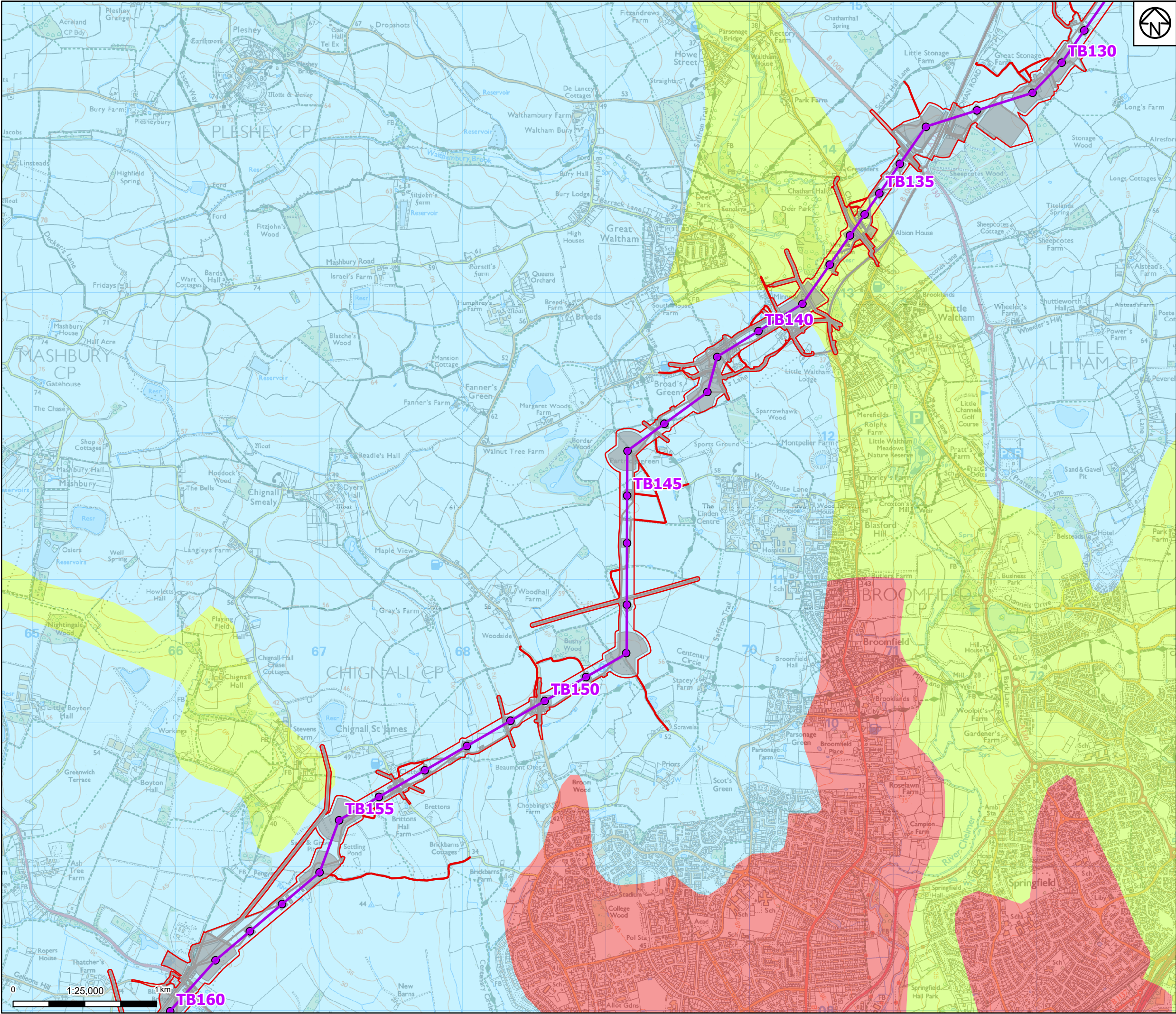
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

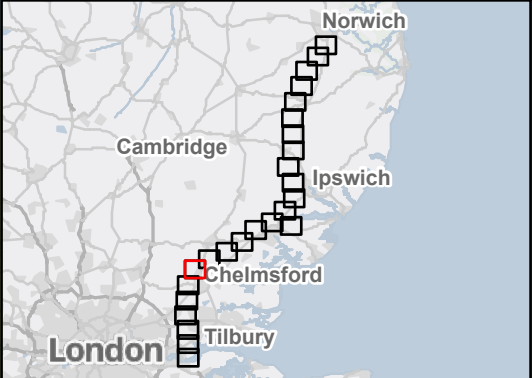
Grade 2

Grade 3

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 19 of 25

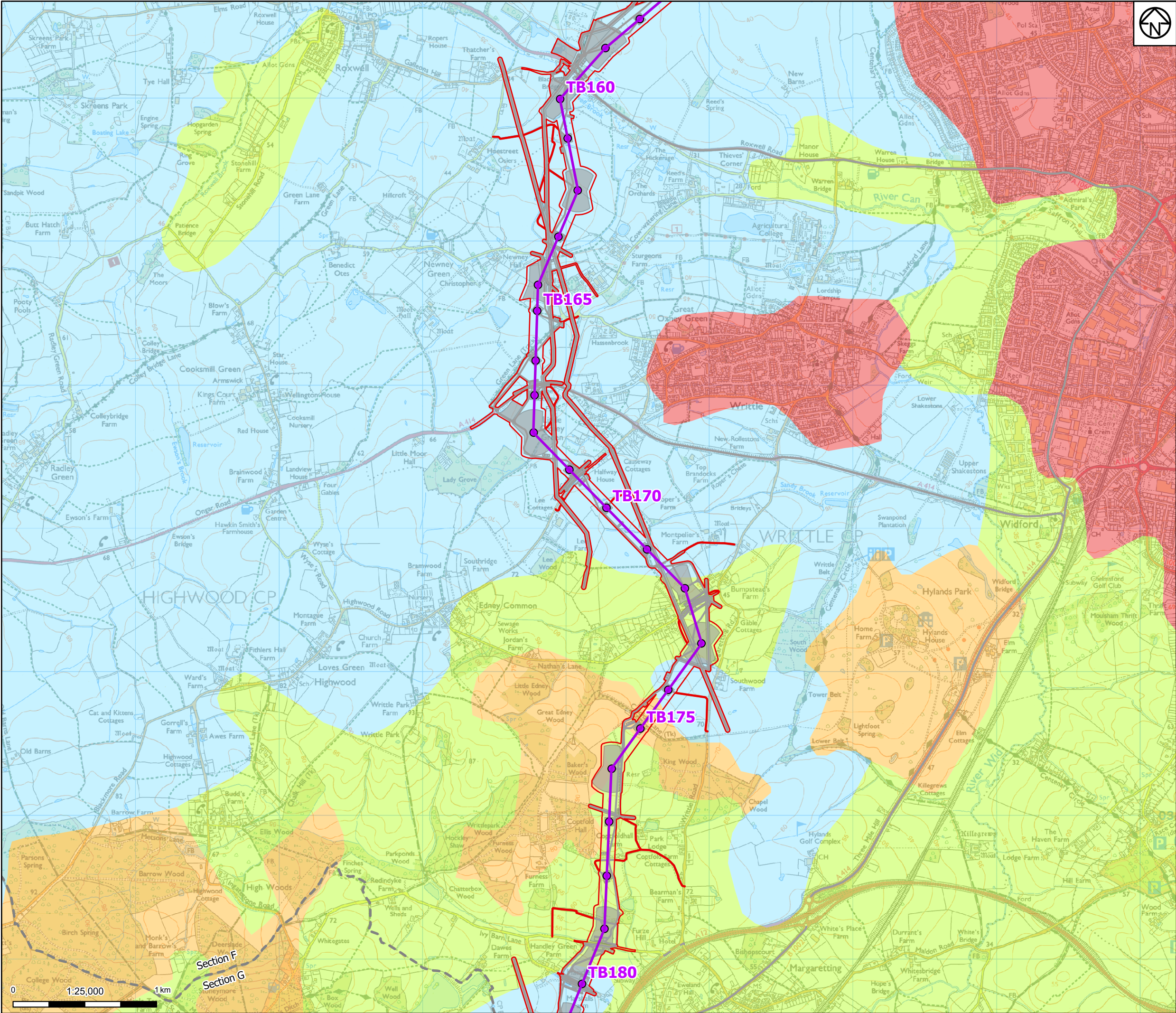
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Non Agricultural

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:

Norwich to Tilbury

Title:  
Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping  
Page 20 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

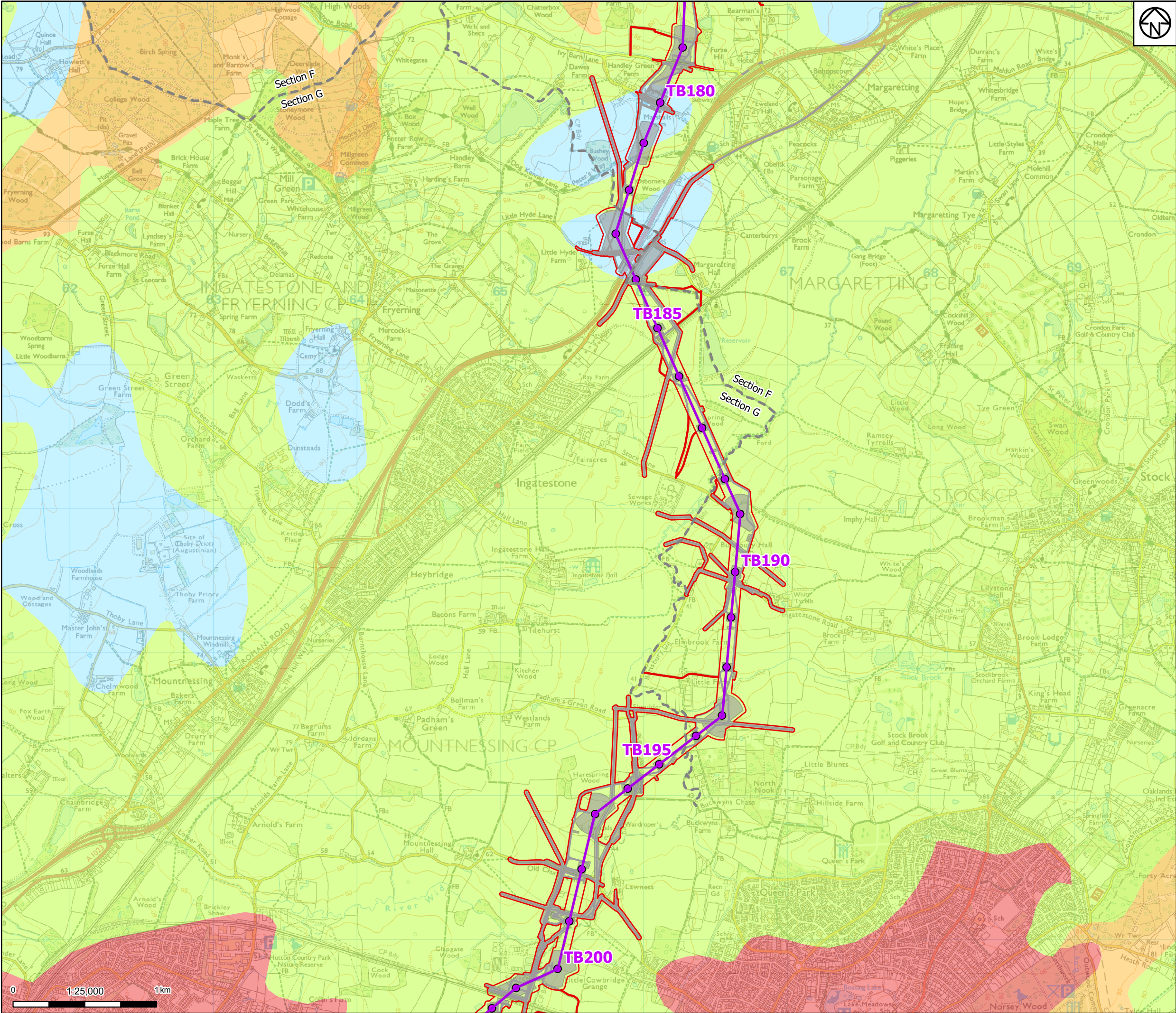
Drawing Number:

10059280-ARC-ELS-ZZ-DR-ZZ-00083

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Non Agricultural

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

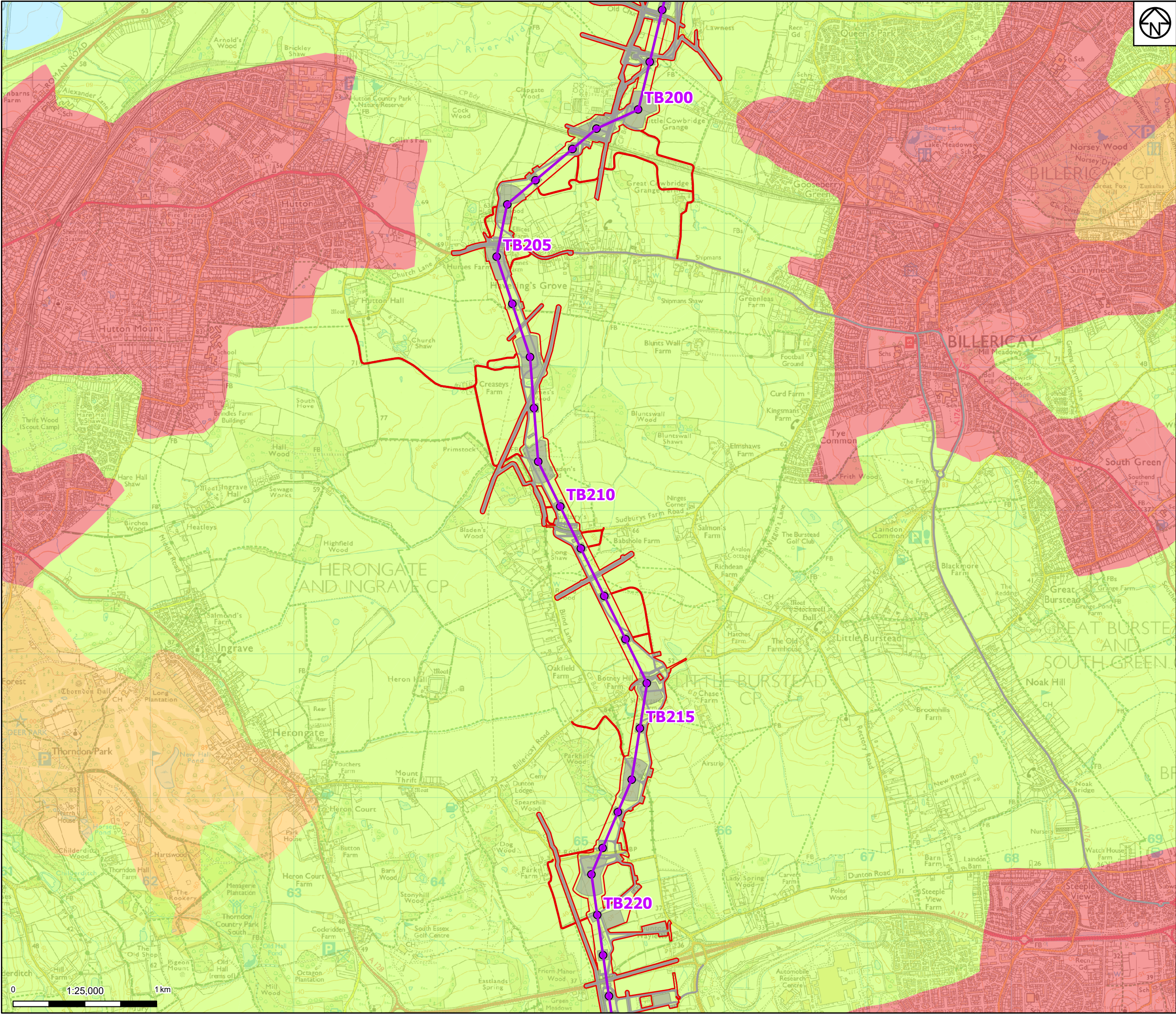
Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 21 of 25

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
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-00083	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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Non Agricultural

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

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

nationalgrid

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 22 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

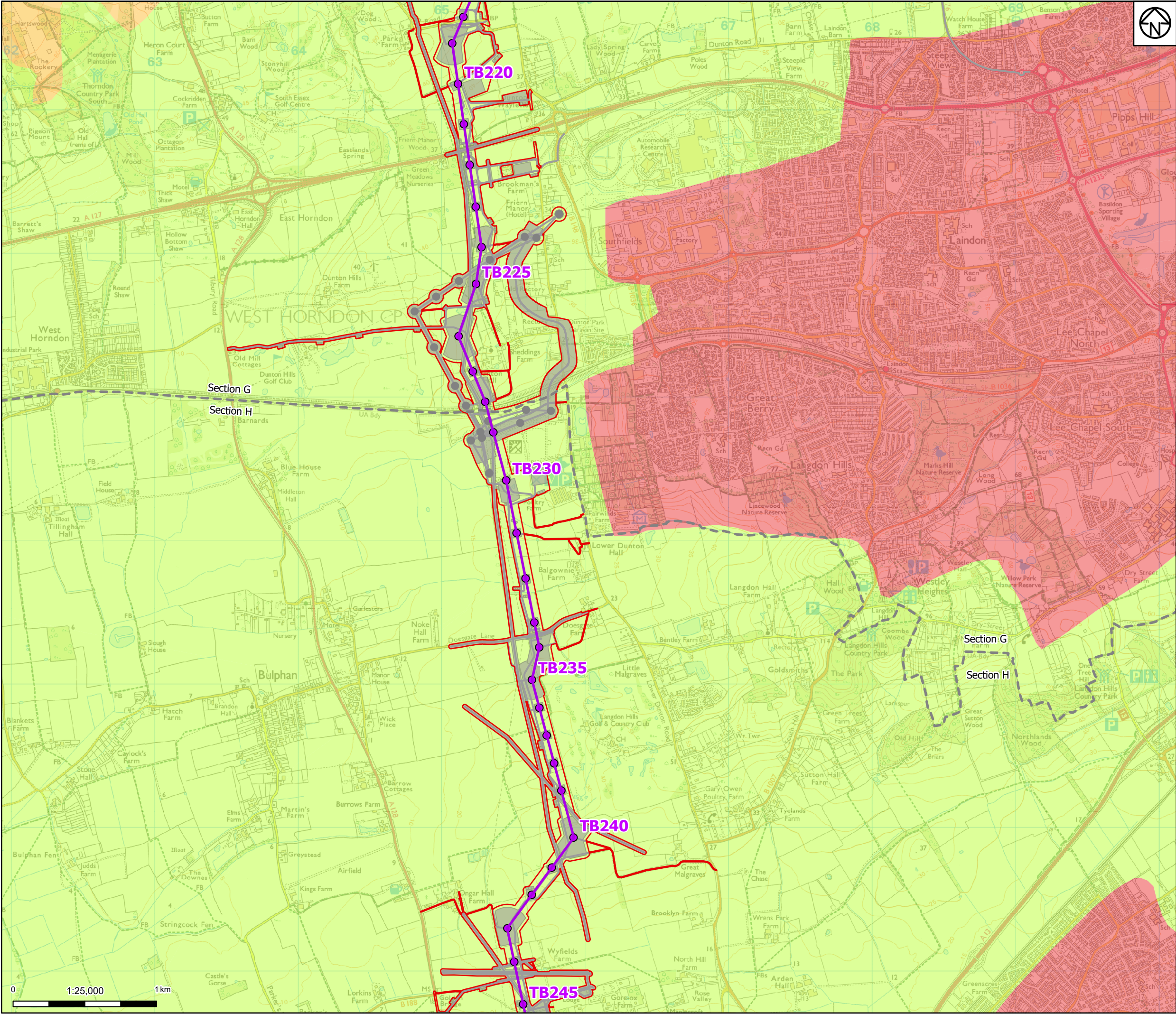
Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:  
A

Print Date: 03-19-24 13:01:21

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC





- 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**
  - Provisional Agricultural Land Classification
  - Grade 3
  - Non Agricultural
  - Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:

Norwich to Tilbury

Title:

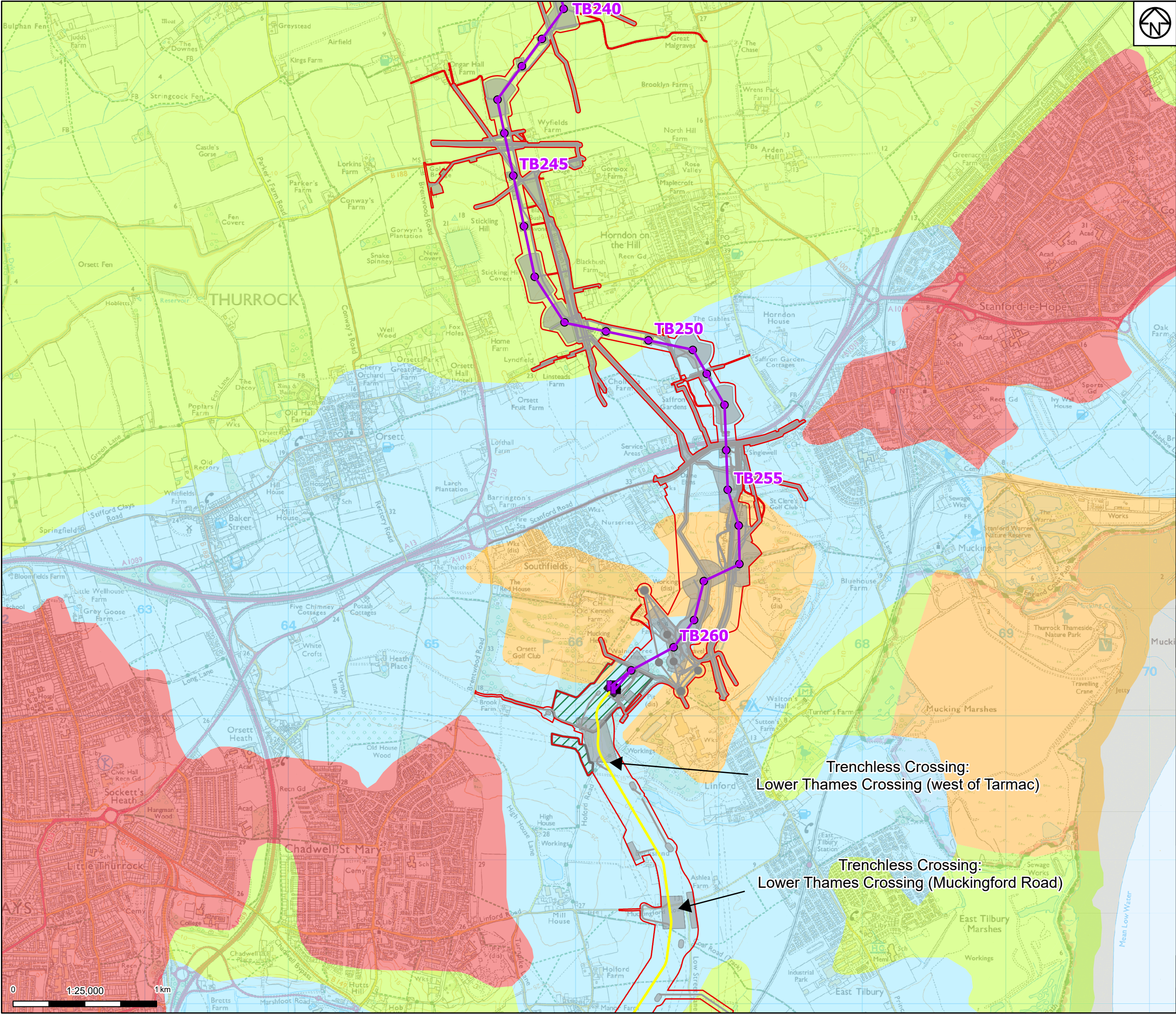
Figure 6.2 - Agriculture and Soils - Provisional Agricultural Land Classification (ALC) Mapping

Page 23 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
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

Accepted as Concept Stage			
Drawing Number:			Revision:
10059280-ARC-ELS-ZZ-DR-ZZ-00083			A





Draft order limits

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

Provisional Agricultural Land Classification

Grade 2

Grade 3

Non Agricultural

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.



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

PROJECT:  
Norwich to  
Tilbury

Title:  
Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 24 of 25

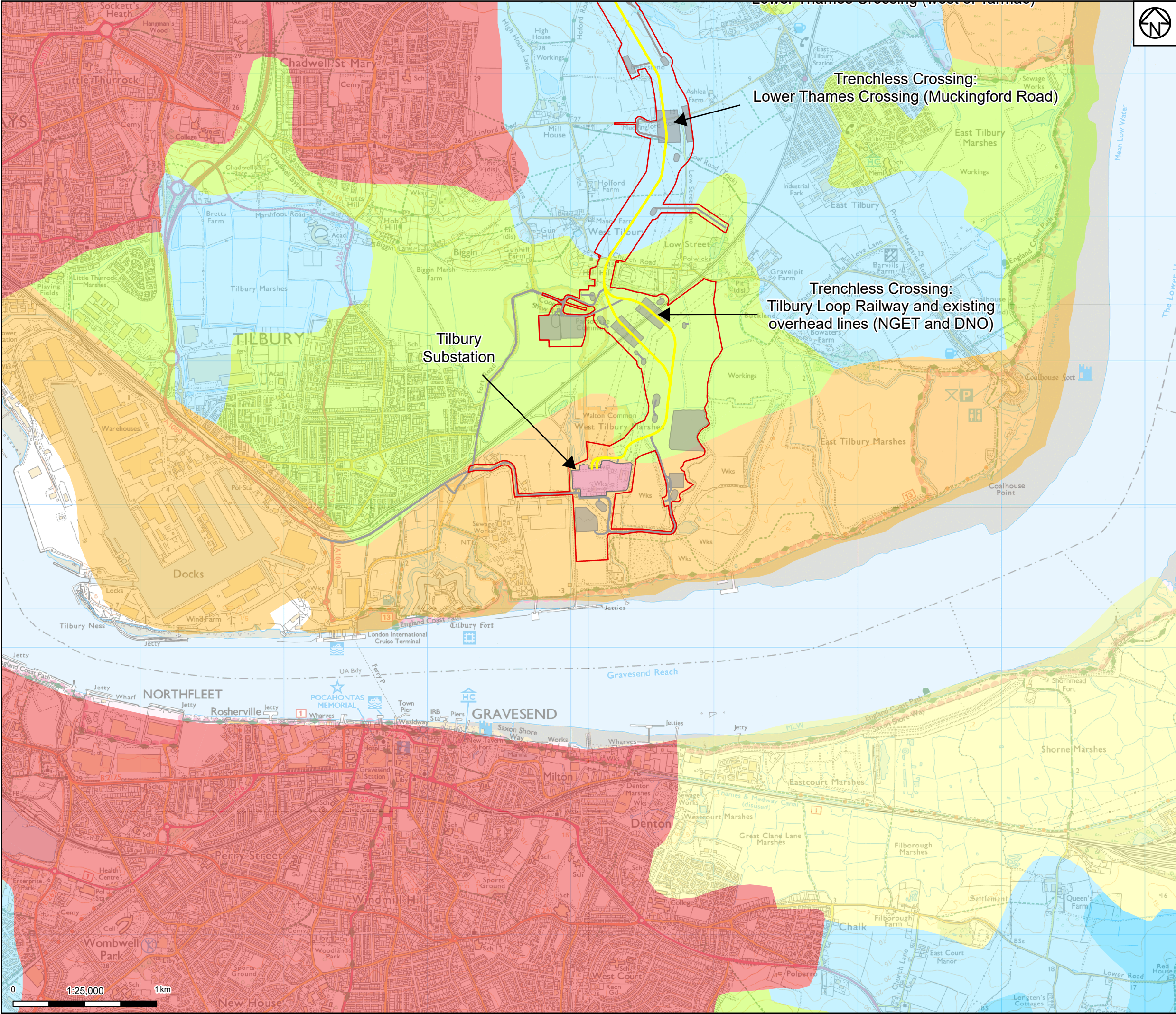
Designed	J. Glynn	Date	April 2024
Drawn	S. Bhandarkar	Date	April 2024
Checked	A. Fell	Date	April 2024
Approved	K. Burrows	Date	April 2024
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

Drawing Number:  
10059280-ARC-ELS-ZZ-DR-ZZ-00083

Revision:  
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

Provisional Agricultural Land Classification

Grade 1

Grade 2

Grade 3

Grade 4

Non Agricultural

Urban

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

Notes: © Crown copyright and database rights 2023 Ordnance Survey 0100031673, Contains public sector information licensed under the Open Government Licence v3.0, © National Grid UK. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.

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

PROJECT:  
Norwich to  
Tilbury

Title:

Figure 6.2 - Agriculture and Soils -  
Provisional Agricultural Land  
Classification (ALC) Mapping  
Page 25 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
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-00083

Revision:  
A

Print Date: 03-19-24 13:02:04

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC