

AENC-ARC-ENV-REP-0079

# Norwich to Tilbury

## Volume 6: Environmental Statement

Document: 6.4.F1 Environmental Statement Figure 4.1 - Proposed  
Project Design Tracked Changes Version of Deadline 4 Submission

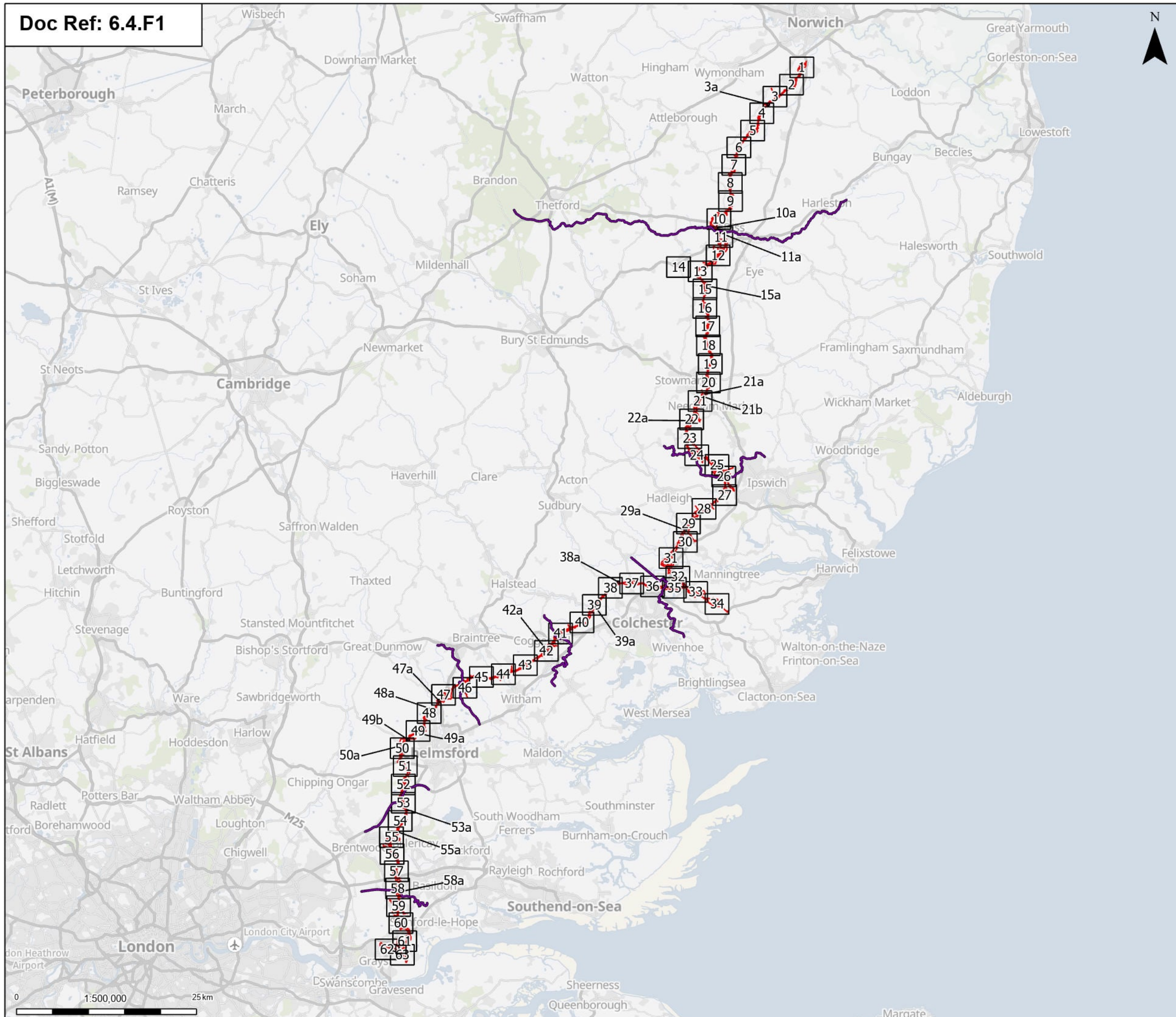
Final Issue B

June 2026

Planning Inspectorate Reference: EN020027

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

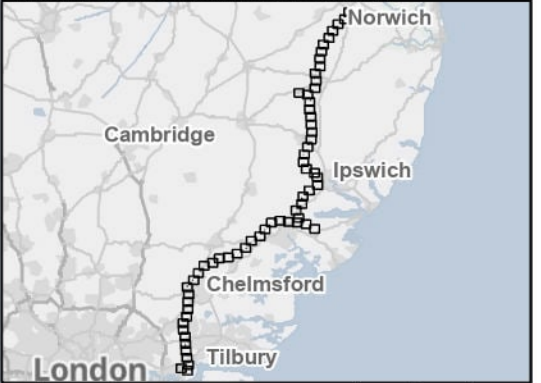
**nationalgrid**



**Order Limits**  
**Page**  
**Project section line**

The lateral LoD of 50 m either side of centreline and the unlimited longitudinal LoD allows flexibility to move pylon positions in any direction for unforeseen circumstances, such as poor ground conditions or archaeological finds, and to cater for maximum conductor (overhead line) swing. Commitments to restrict the LoD for specific pylon locations are included within the Outline CoCP (document reference 7.2)

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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

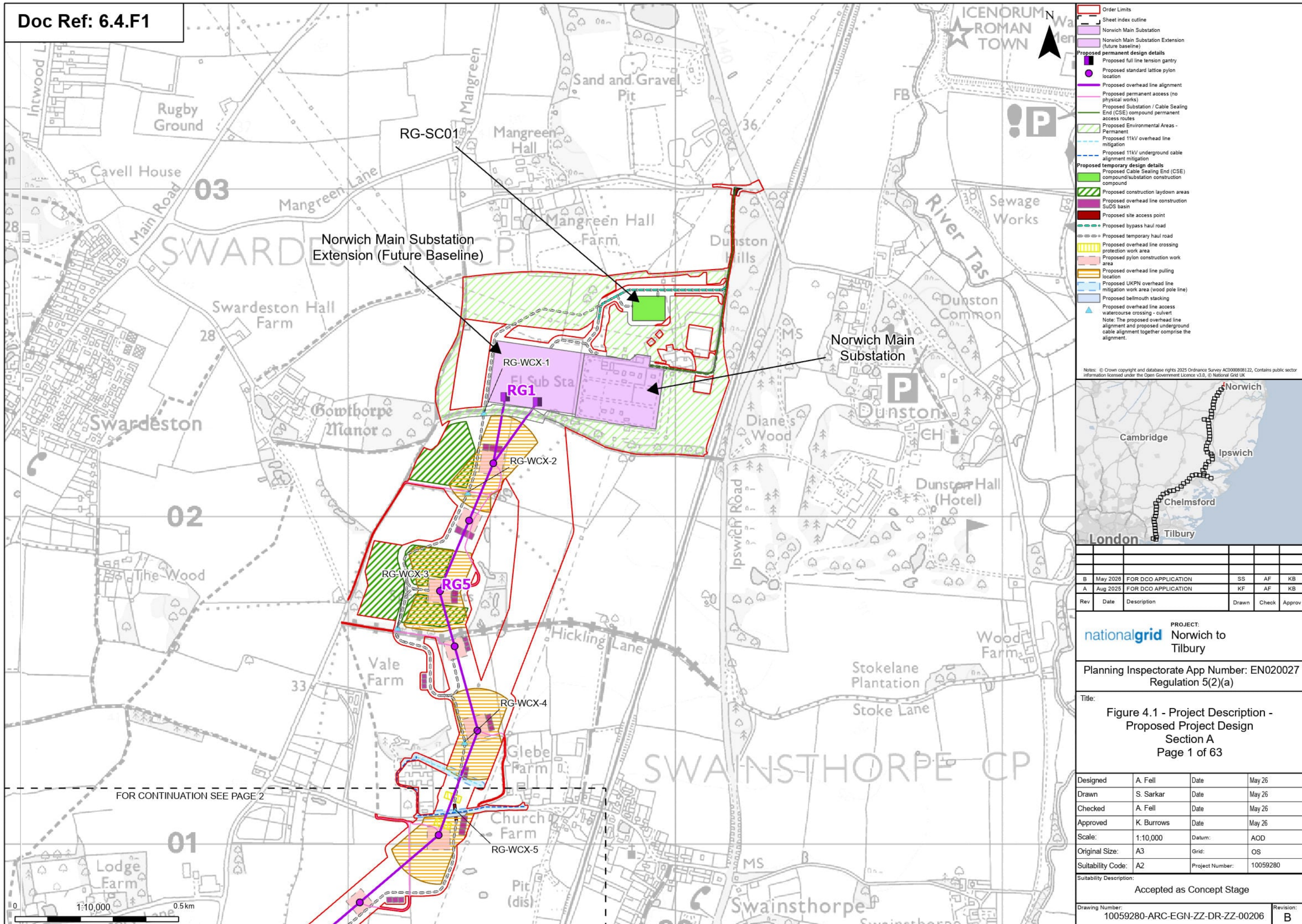
Title:  
**Figure 4.1 - Project Description - Proposed Project Design**

Overview

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:500,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

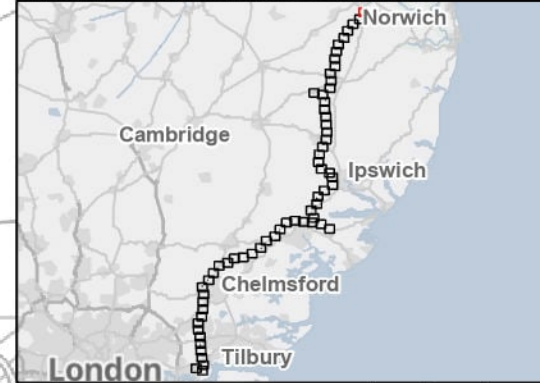
Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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- Order Limits
  - Sheet index outline
  - Norwich Main Substation
  - Norwich Main Substation Extension (future baseline)
  - Proposed permanent design details
  - Proposed full line tension gantry
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
  - Proposed Environmental Areas - Permanent
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed Cable Sealing End (CSE) compound/substation construction compound
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed bypass haul road
  - Proposed temporary haul road
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed bellmouth stacking
  - Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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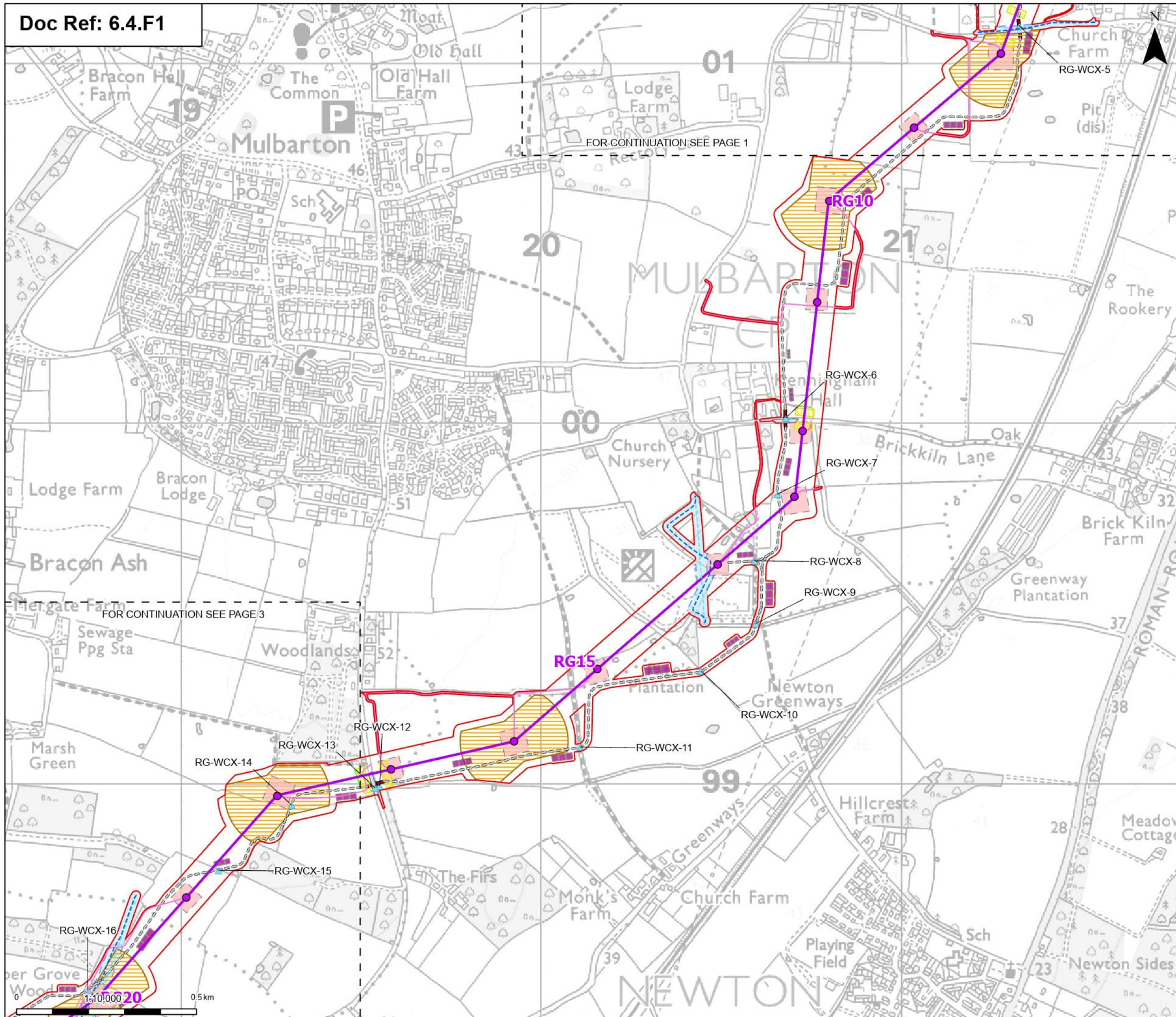
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PROJECT:  
**nationalgrid** Norwich to Tilbury  
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Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section A**  
 Page 1 of 63

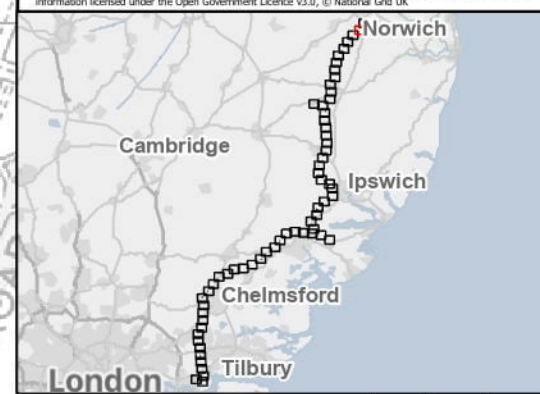
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed bellmouth stacking
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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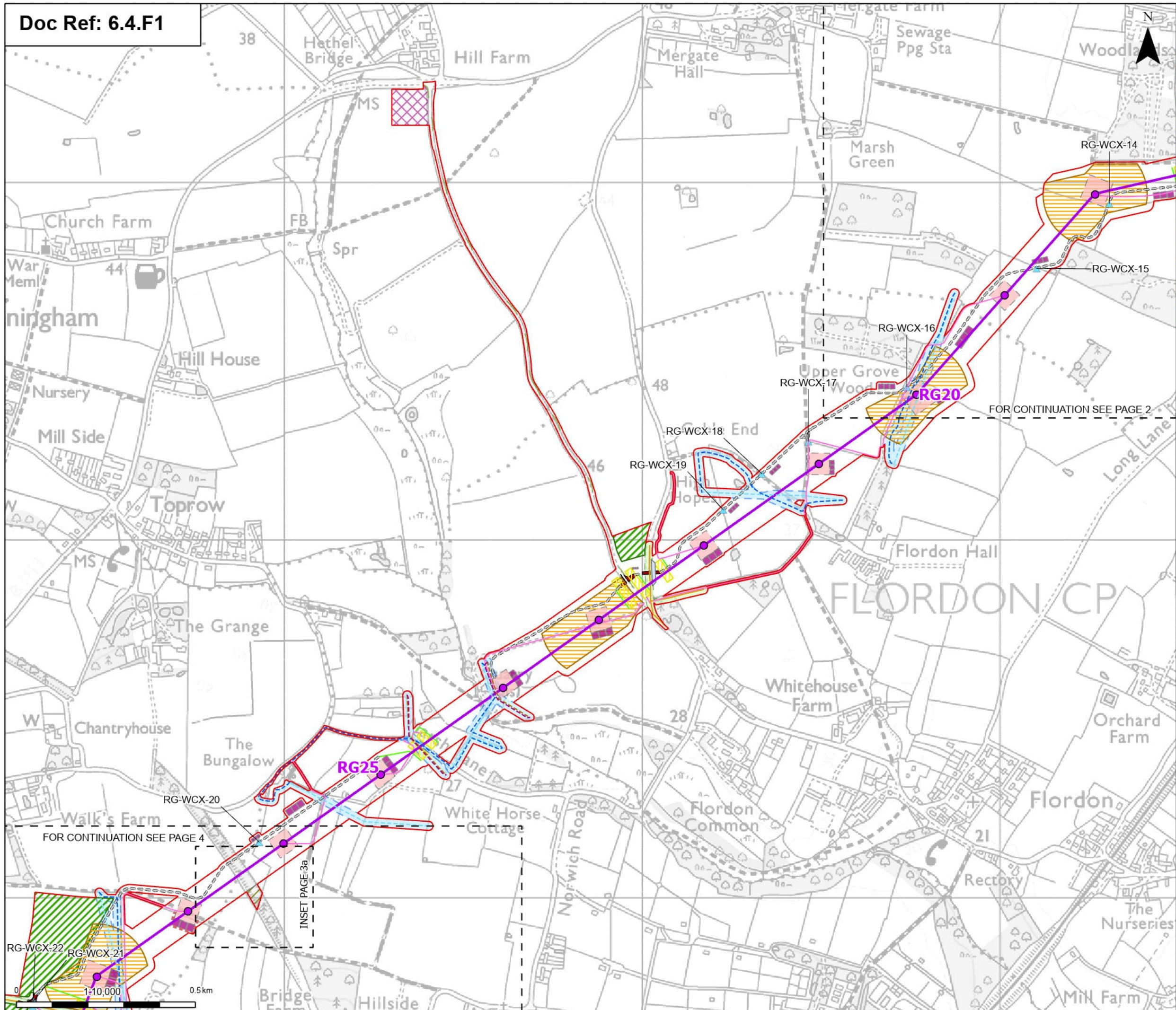
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 Figure 4.1 - Project Description -  
 Proposed Project Design  
 Section A  
 Page 2 of 63

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Approved	K. Burrows	Date	May 26
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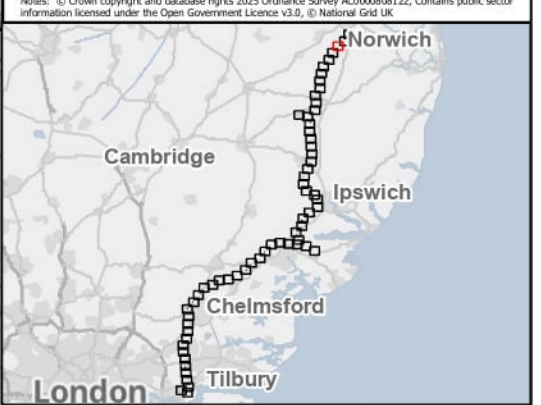
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Drawing Number:  
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Revision:  
**B**



- Order Limits
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  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed Verge (Hatching)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed 33kV overhead line mitigation
  - Proposed 33kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed highways mitigation compounds
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
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Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section A**  
 Page 3 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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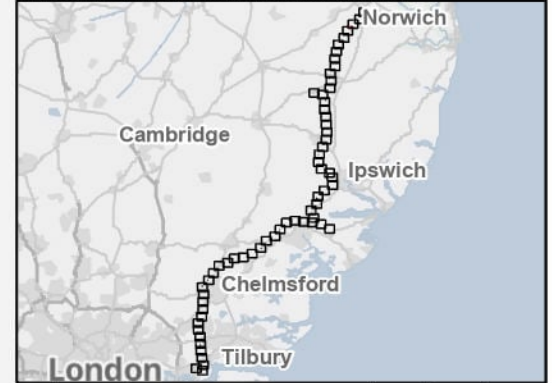
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**B**



- Order Limits
  - Proposed permanent design details
  - Proposed overhead line alignment
  - Proposed temporary design details
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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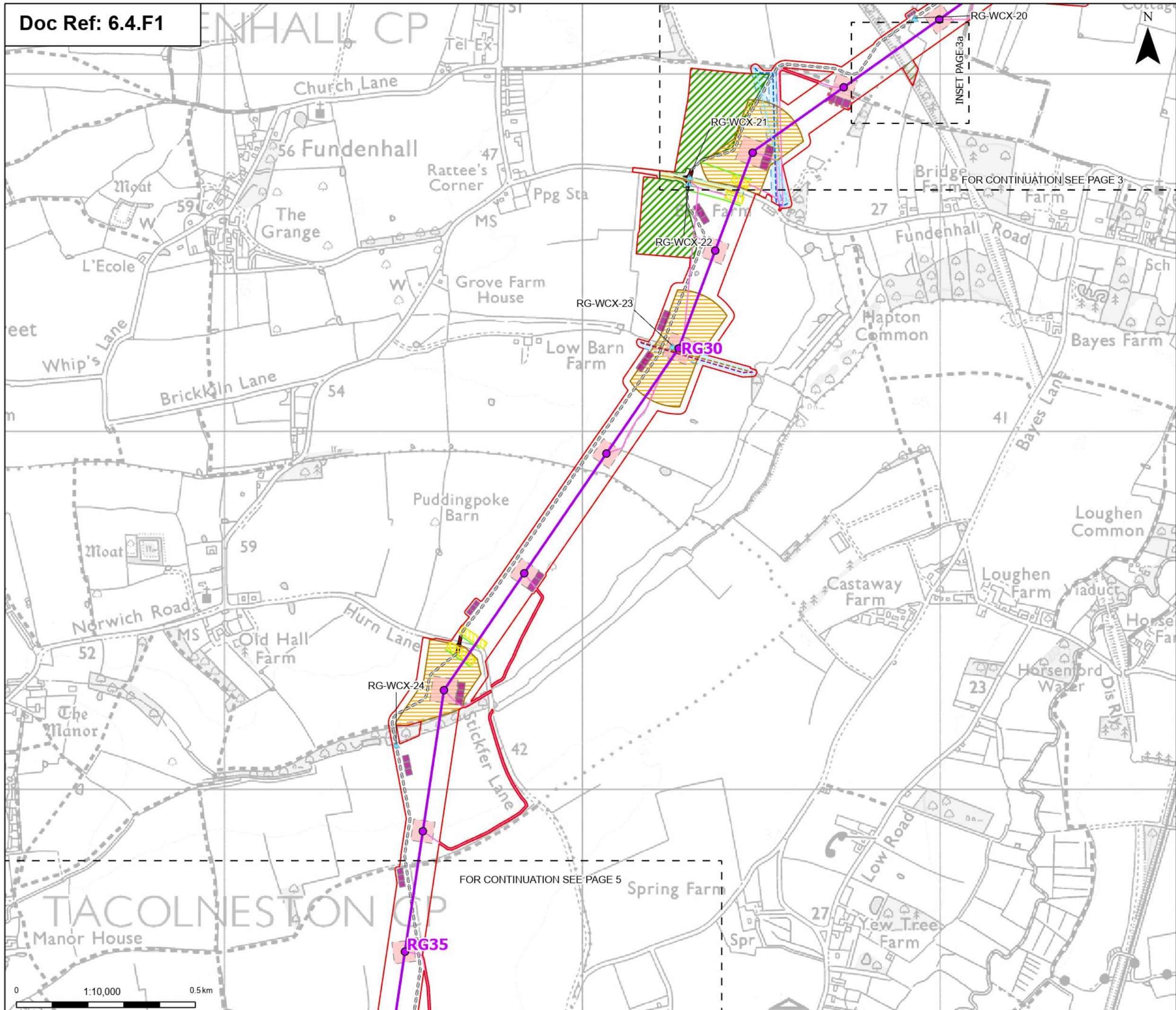
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 Page 3a of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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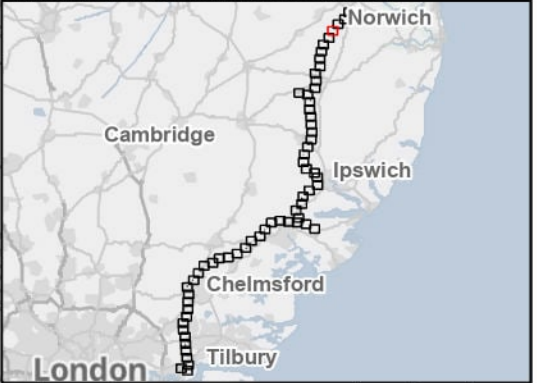


**Legend**

- Order Limits
- Sheet index outline
- Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed 33kV overhead line mitigation
  - Proposed 33kV underground cable alignment mitigation
- Proposed temporary design details
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access watercourse crossing - culvert

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

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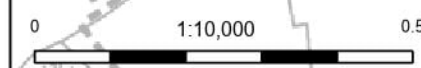
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**Figure 4.1 - Project Description - Proposed Project Design Section A Page 4 of 63**

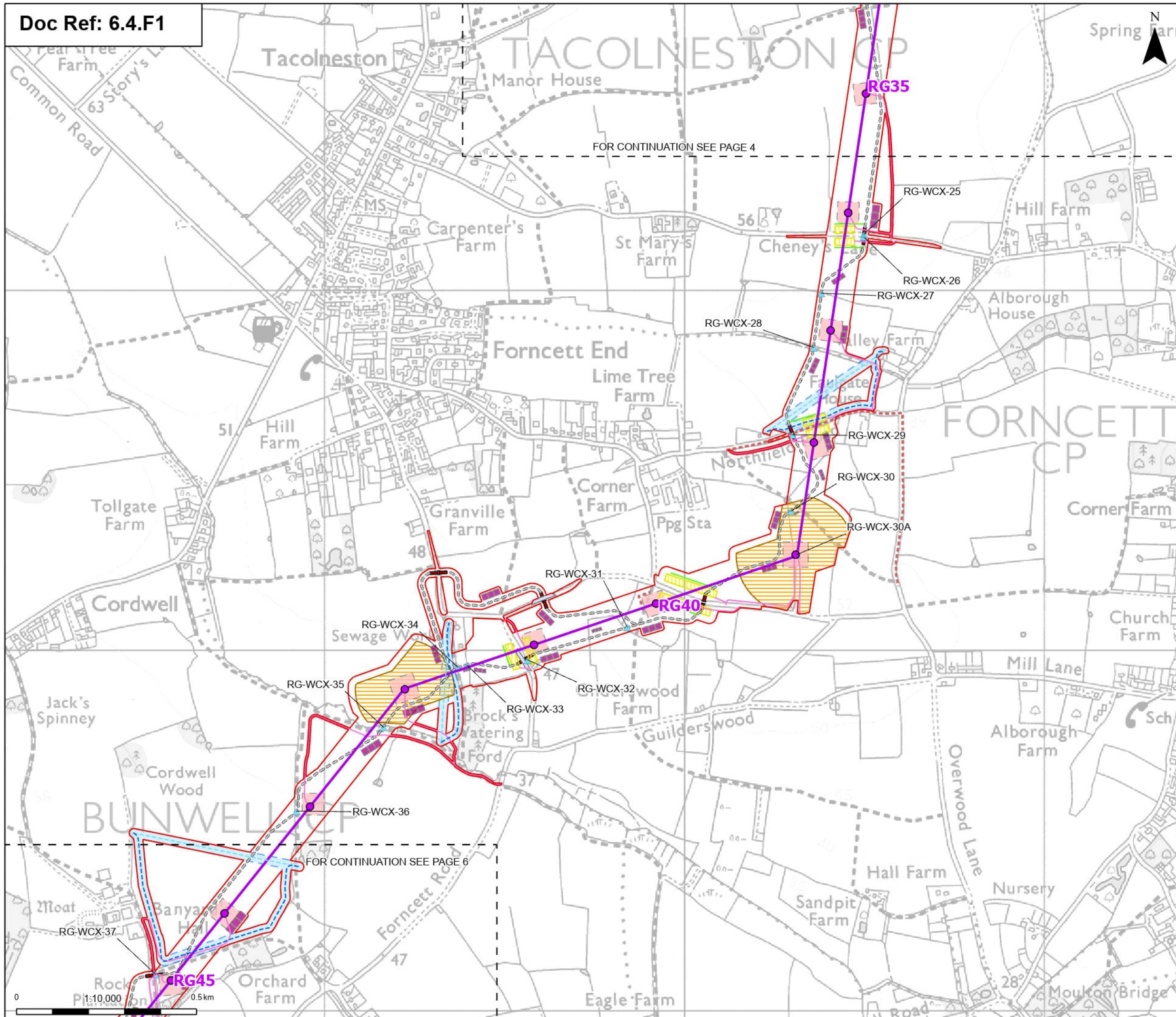
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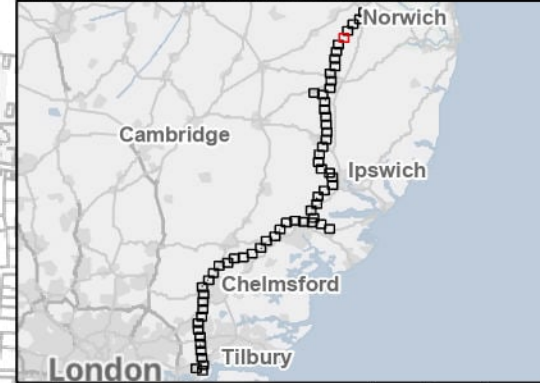
Revision:  
**B**





- Order Limits
  - Sheet index outline
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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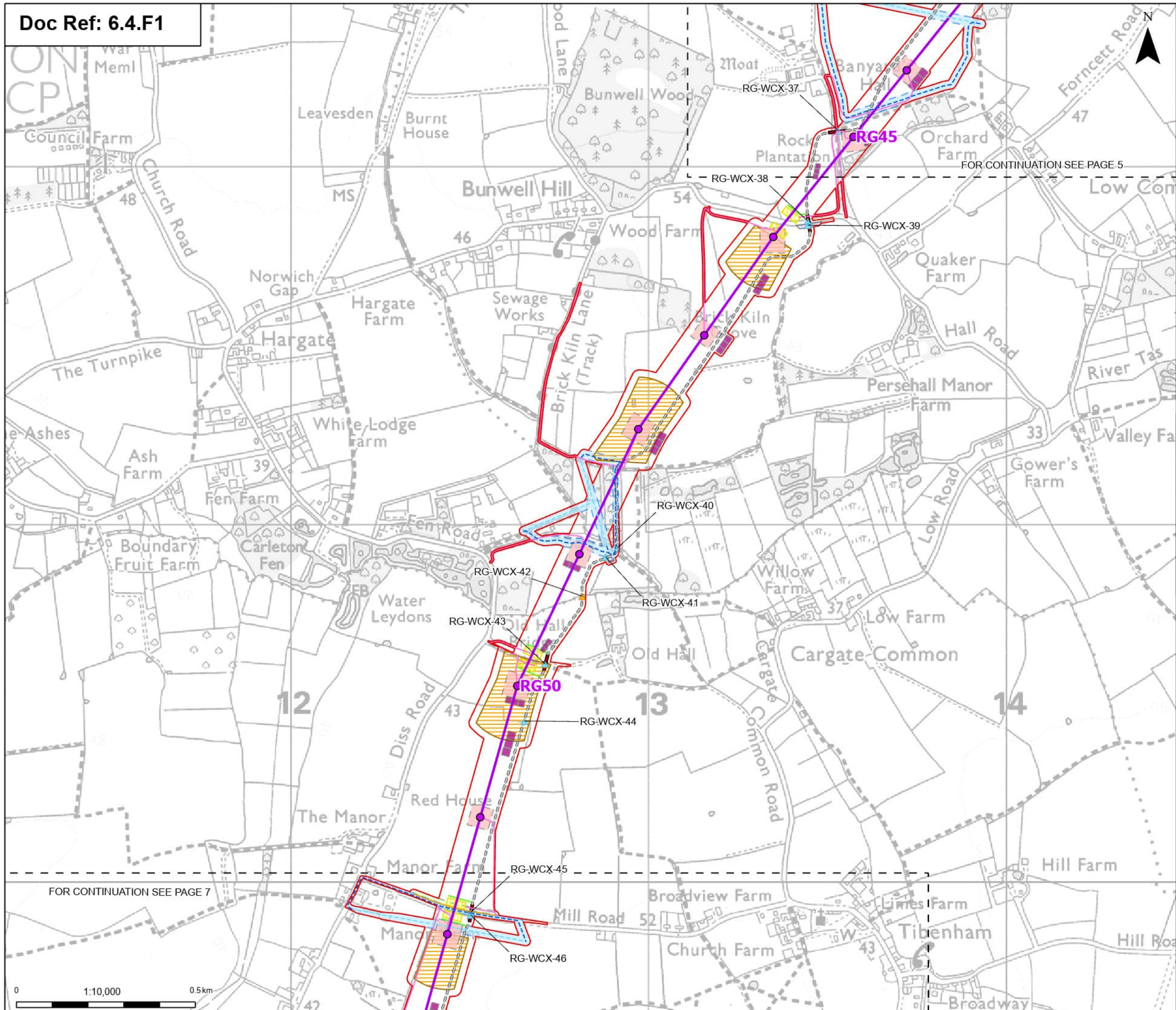
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 Page 5 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



**Order Limits**

- Sheet index outline

**Proposed permanent design details**

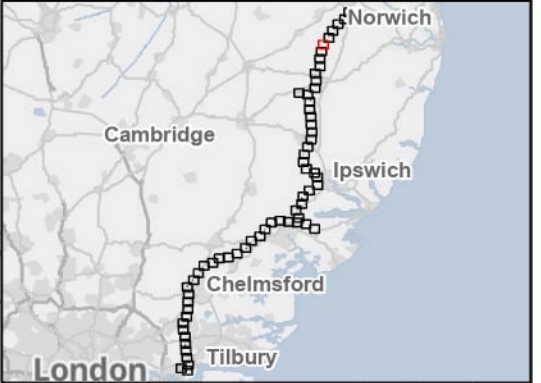
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- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

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

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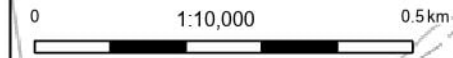
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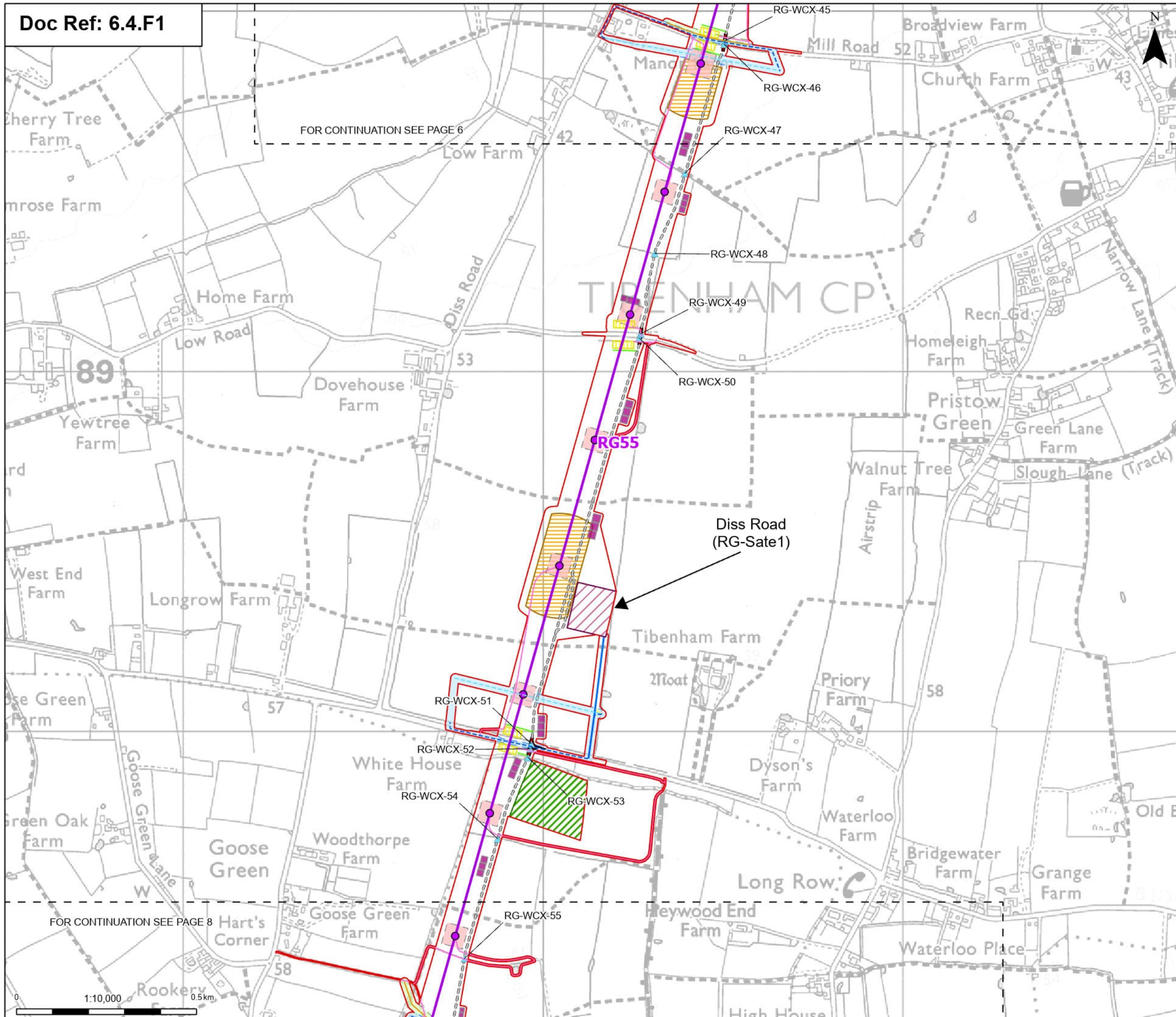
PROJECT:  
**nationalgrid** Norwich to Tilbury  
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Title:  
 Figure 4.1 - Project Description -  
 Proposed Project Design  
 Section A  
 Page 6 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number:  
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 Revision:  
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**Order Limits**

- Sheet index outline

**Proposed permanent design details**

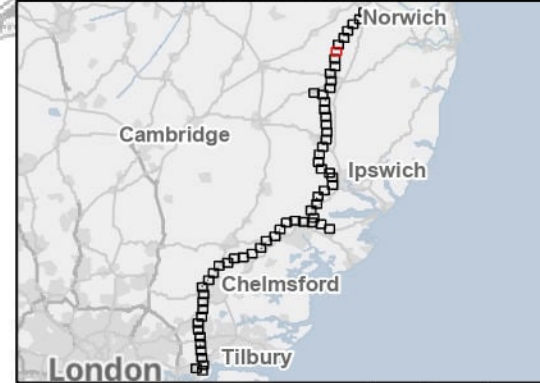
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed satellite construction compound
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed overhead line access watercourse crossing - culvert

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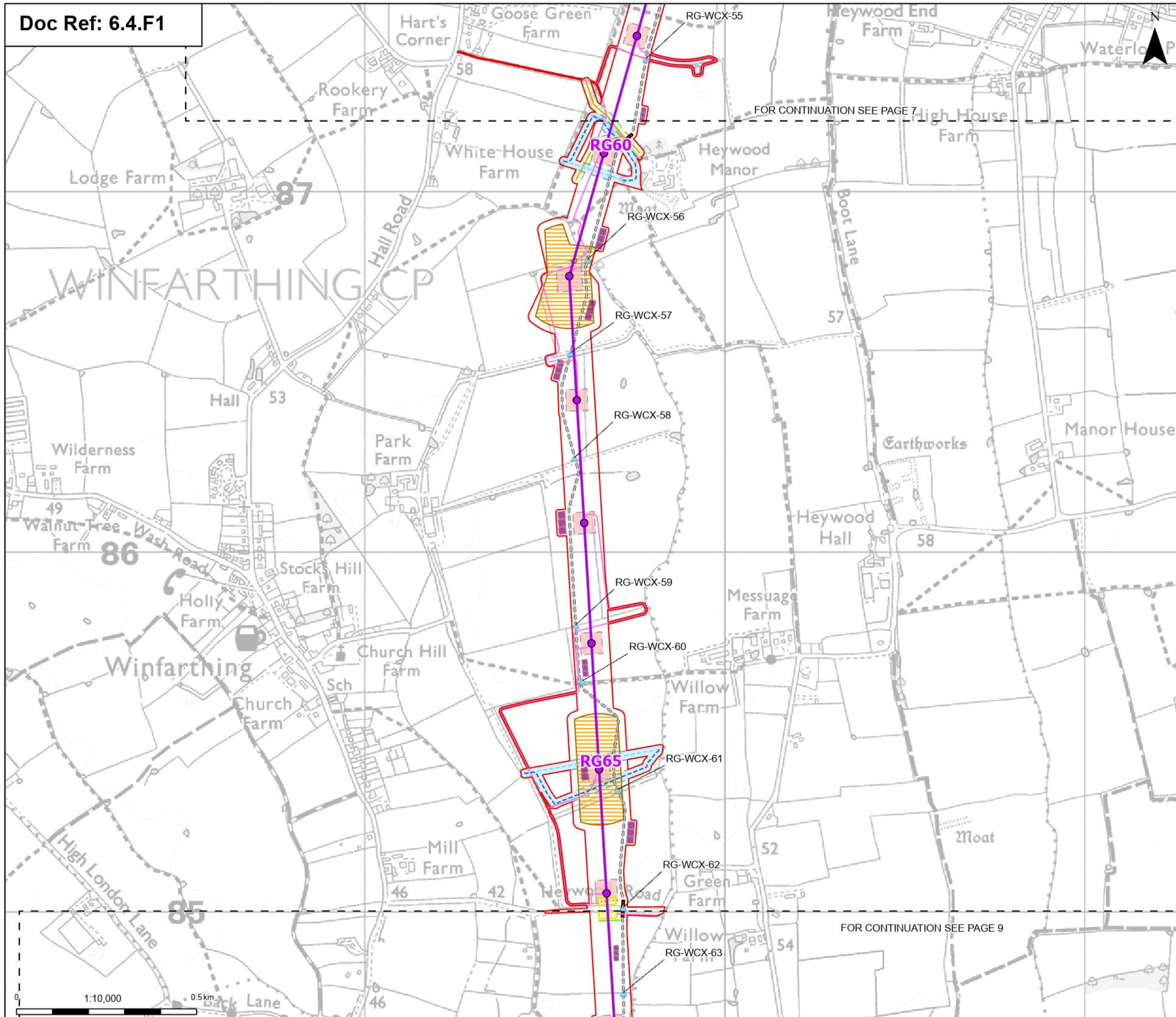
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 Section A  
 Page 7 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
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Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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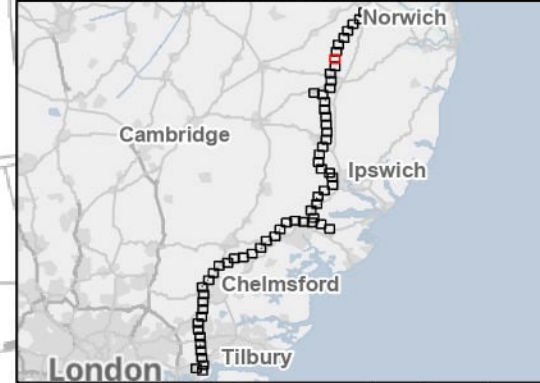
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- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed overhead line access watercourse crossing - culvert

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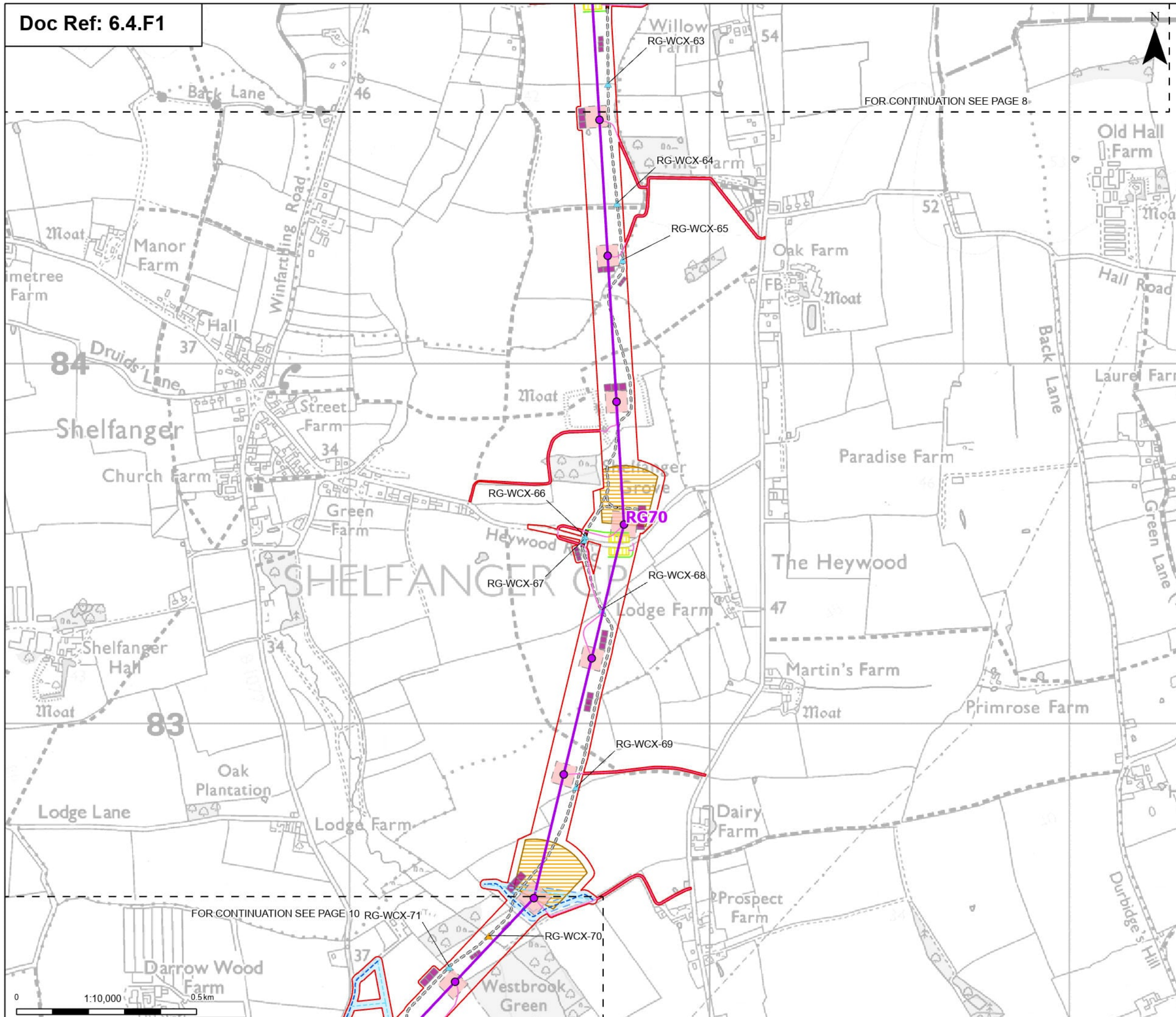
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 Proposed Project Design  
 Section A  
 Page 8 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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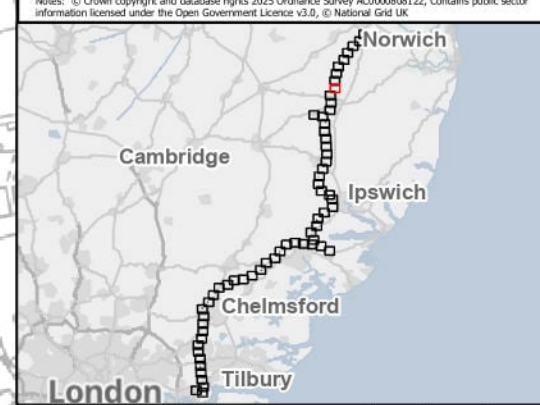
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Revision:  
**B**



- Order Limits
- Sheet index outline
- Proposed permanent design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed temporary design details**
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
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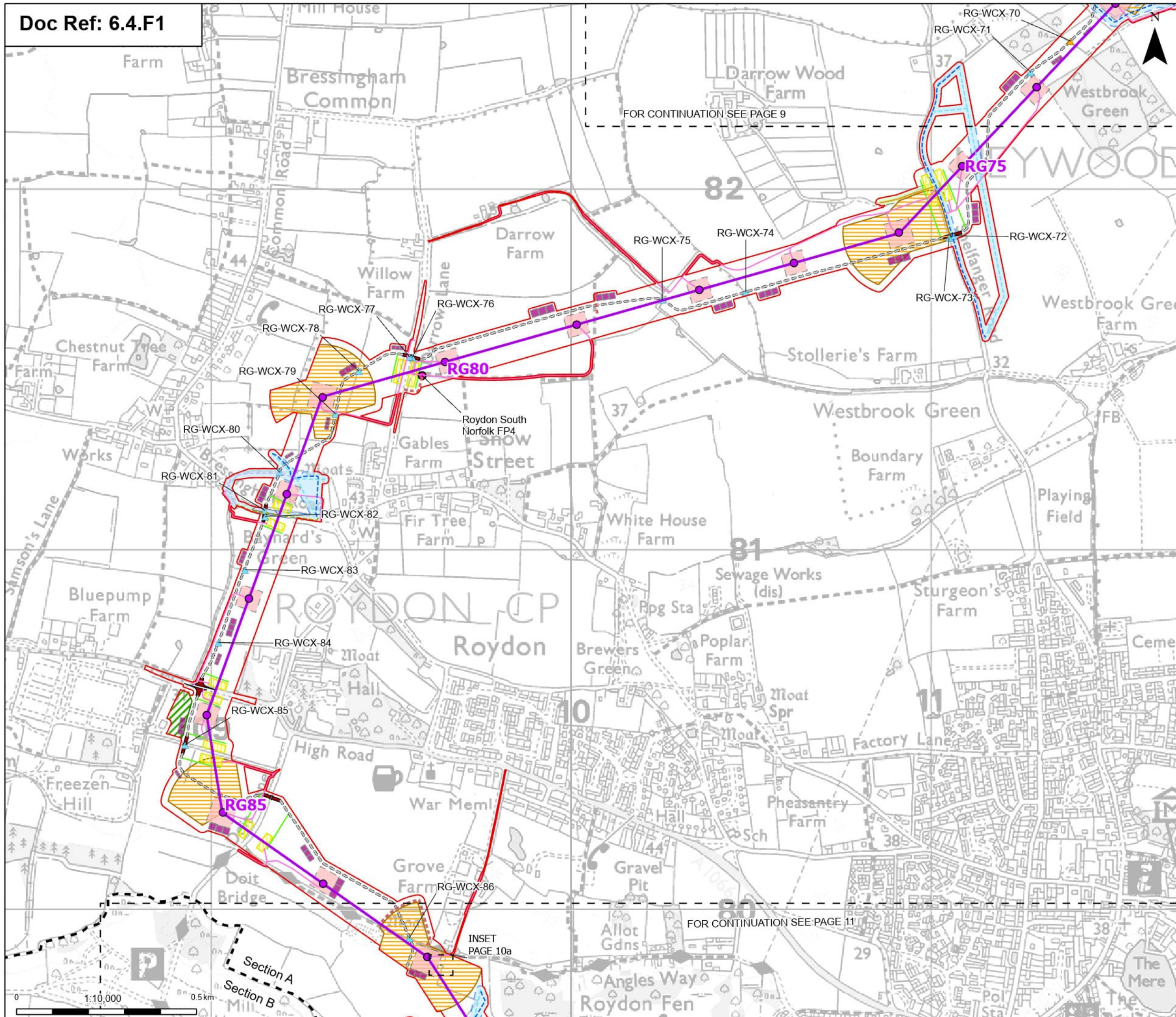
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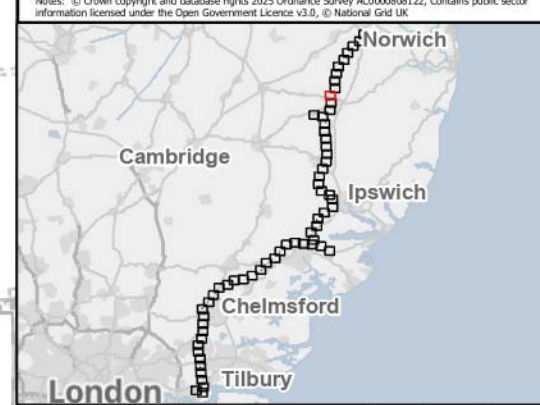
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section A**  
 Page 9 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Project section line
  - Proposed permanent design details**
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed LV overhead line
  - Proposed LV proposed underground cable alignment
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SUDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - bridge
  - Proposed PRoW temporary diversions - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
 Figure 4.1 - Project Description - Proposed Project Design Sections A and B  
 Page 10 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

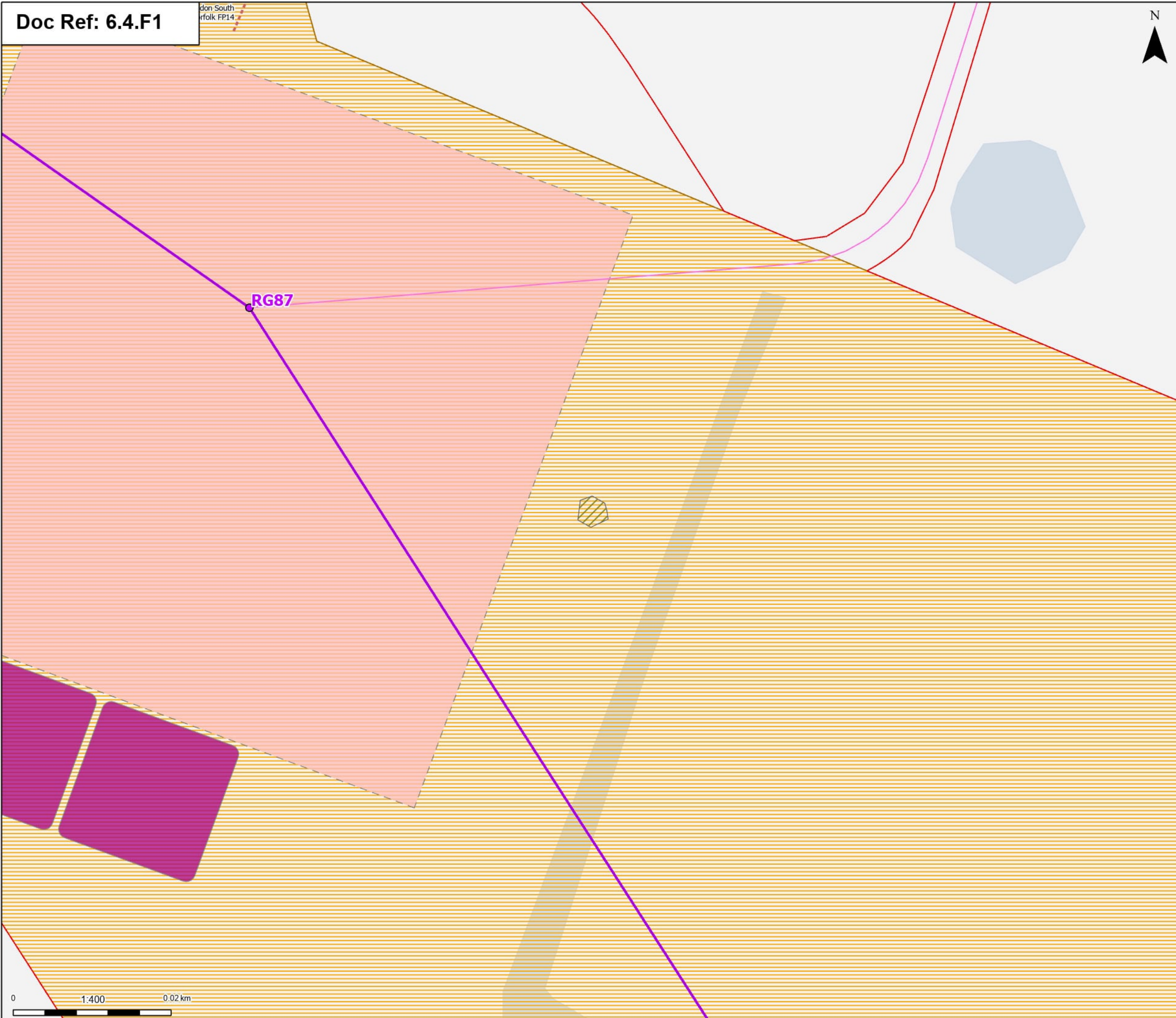
Suitability Description:  
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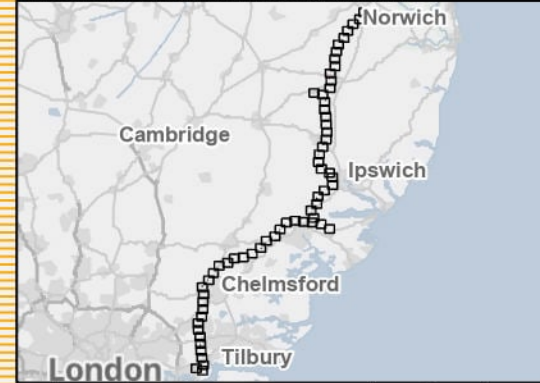
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

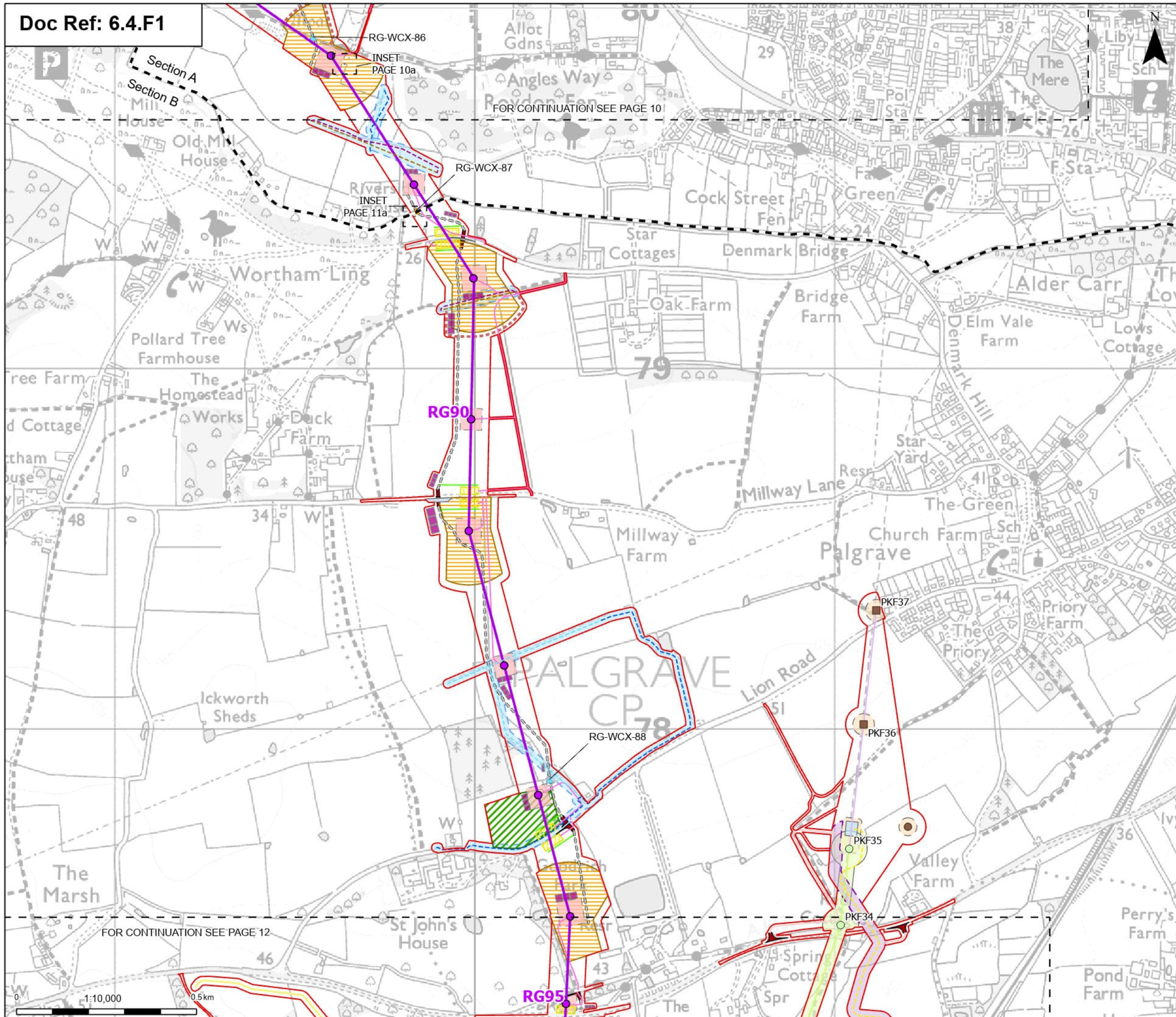
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section A**  
Page 10a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
Accepted as Concept Stage

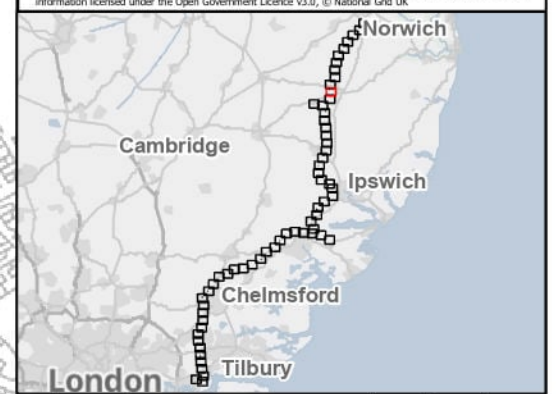
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Revision: **B**





- Order Limits
- - - Sheet index outline
- - - Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline
- Proposed UKPN Existing Centreline (Modified)
- Proposed UKPN Cable Access
- Proposed UKPN cable centreline
- ▨ Proposed temporary design details
- ▨ Proposed construction laydown areas
- ▨ Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- ▨ Proposed overhead line crossing protection work area
- ▨ Proposed pylon construction work area
- ▨ Proposed overhead line pulling location
- ▨ Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- ▨ Proposed UKPN cable sealing end platform
- ▨ Proposed UKPN cable temporary works
- ▨ Proposed UKPN tower dismantle assets
- ▨ Proposed UKPN tower overhead line temporary works
- ▨ Proposed overhead line compound utility connections - electricity
- ▨ Proposed bellmouth stacking
- ▨ Proposed PRoW diversions
- ▨ Proposed Environmental Mitigation Areas - Temporary
- ▨ Proposed overhead line access watercourse crossing - culvert
- ▨ Proposed overhead line access watercourse crossing - bridge

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PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections A and B**  
 Page 11 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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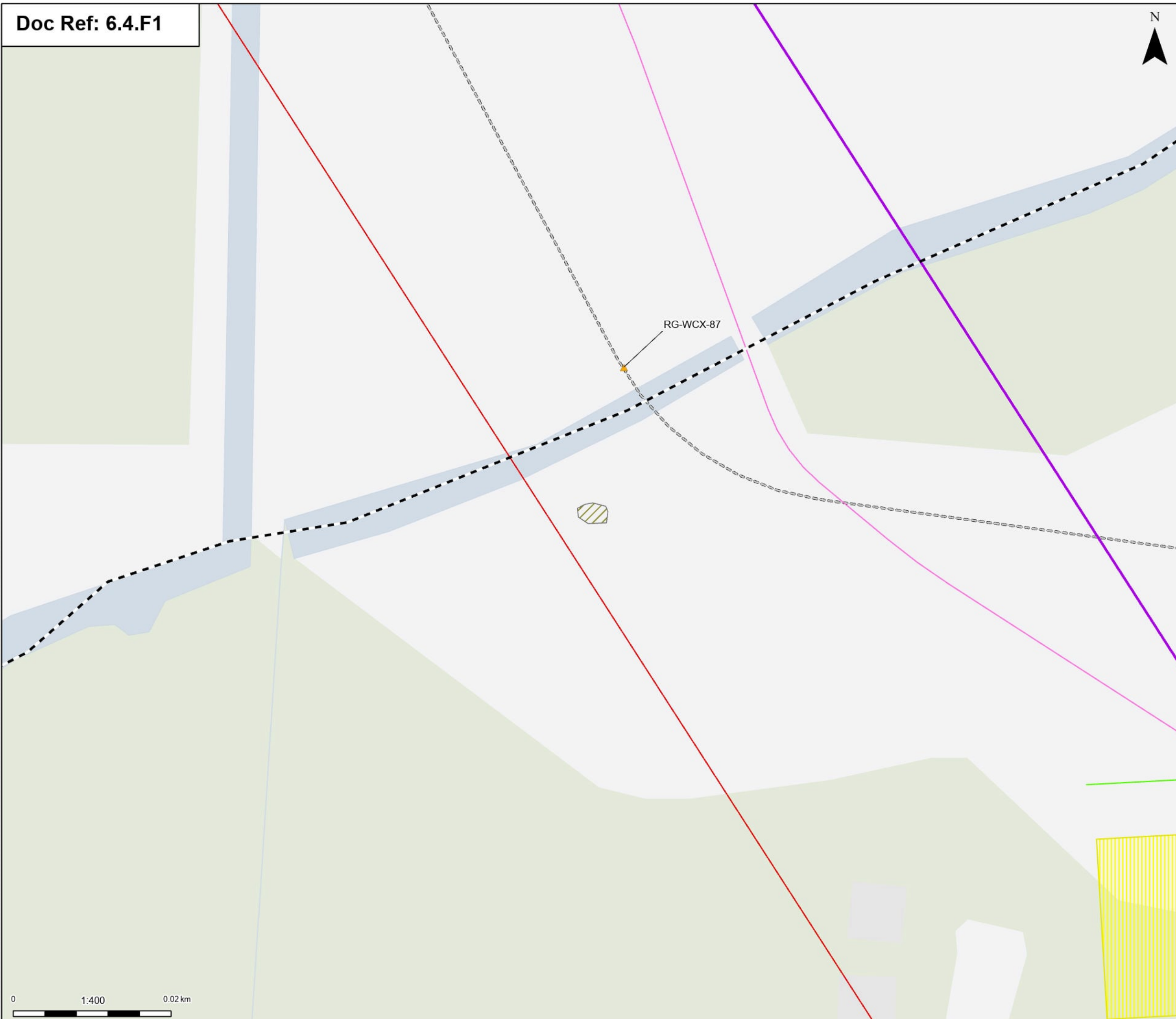
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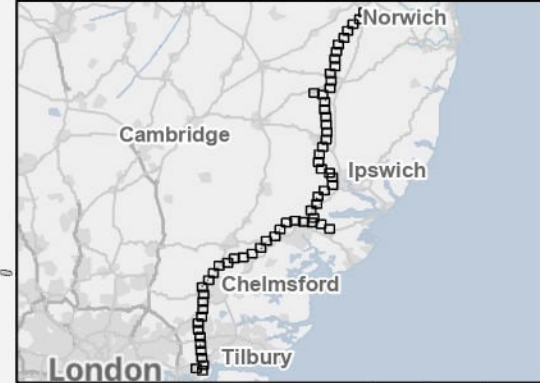
Revision:  
**B**



- Order Limits
  - Project section line
  - Proposed permanent design details**
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details**
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 11a of 63

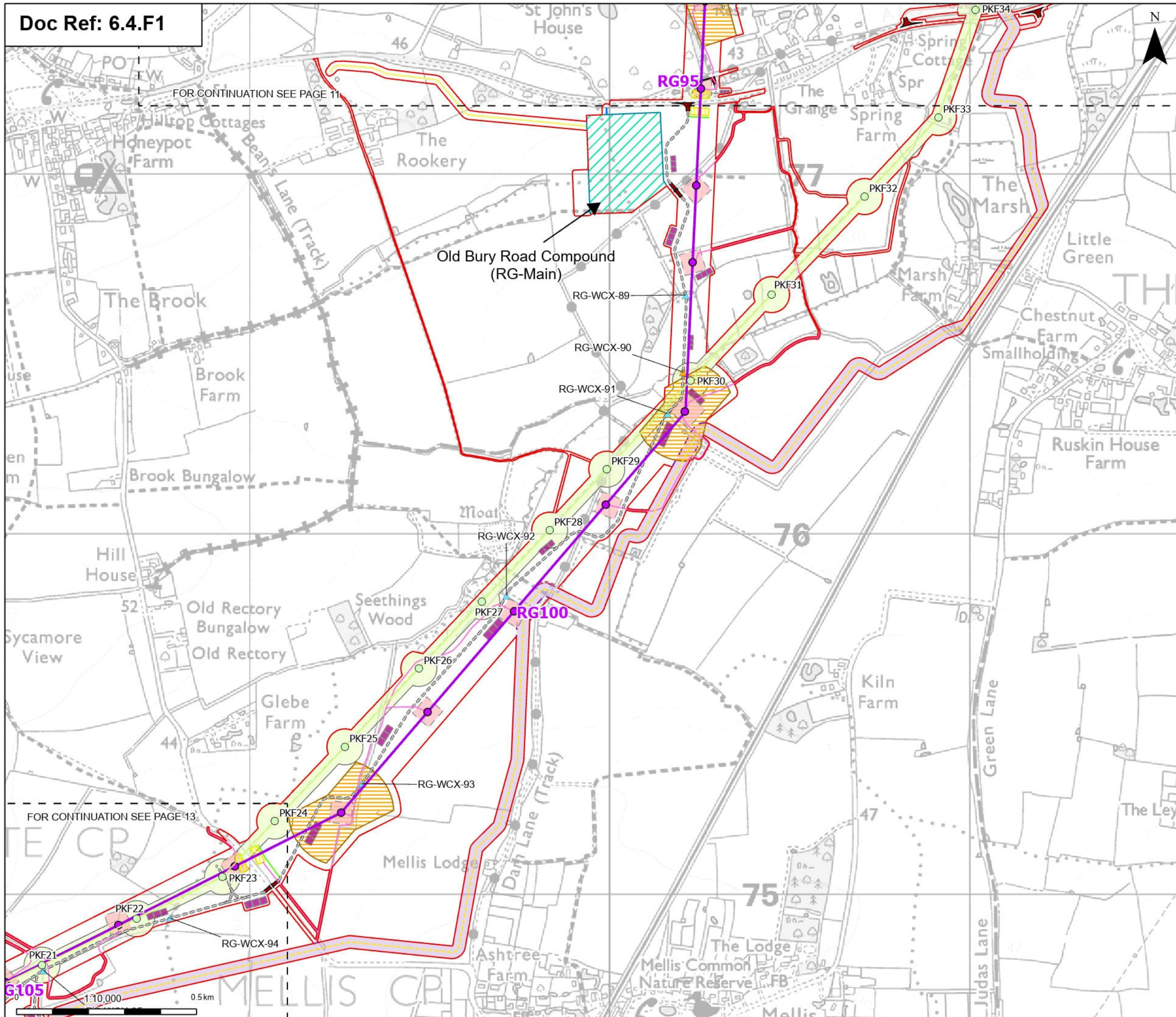
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Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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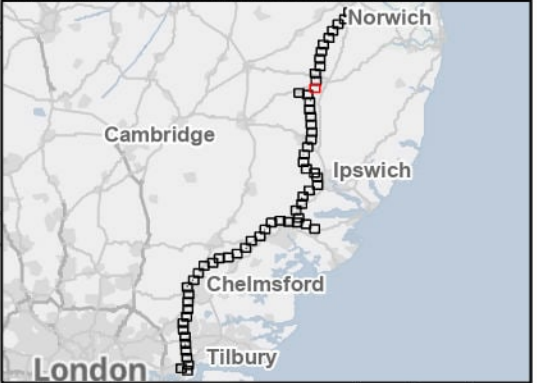
Revision:  
**B**





- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed UKPN overhead line dismantle towers
  - Proposed UKPN dismantle centreline
  - Proposed UKPN Cable Access
  - Proposed UKPN cable centreline
  - Proposed temporary design details**
  - Proposed main construction compound
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN cable temporary works
  - Proposed UKPN tower dismantle assets
  - Proposed overhead line compound utility connections - electricity
  - Proposed overhead line compound utility connections - water
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - ▲ Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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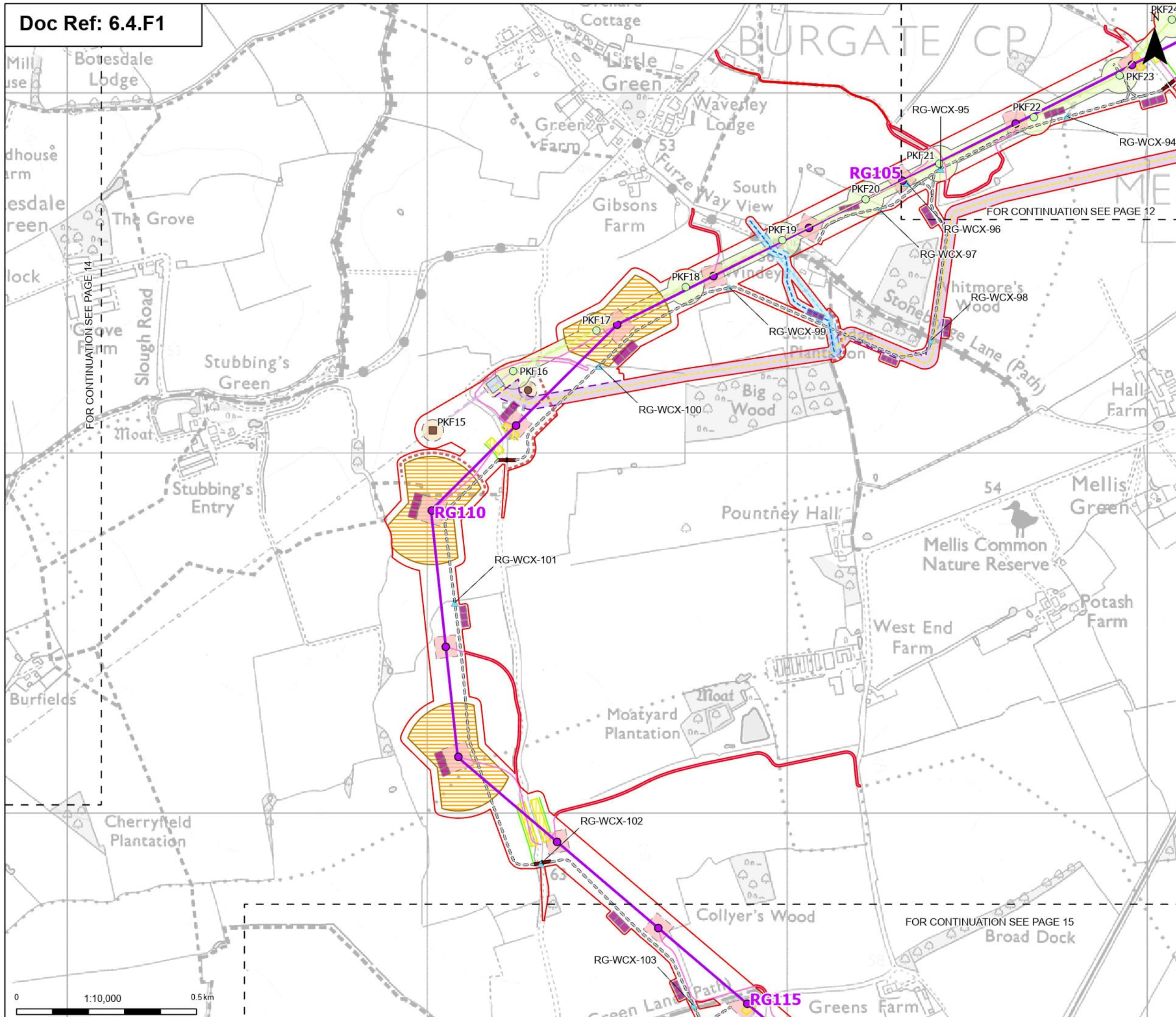
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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 12 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: **B**



**Proposed permanent design details**

- Order Limits
- Sheet index outline
- Proposed permanent access (no physical works)
- Proposed 11kV overhead line alignment mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline
- Proposed UKPN Existing Centreline (Modified)
- Proposed UKPN cable centreline
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed PRow diversions
- Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

**Proposed temporary design details**

- Proposed overhead line construction
- SUDS basin
- Proposed site access point
- Proposed temporary haul road

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FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 15

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

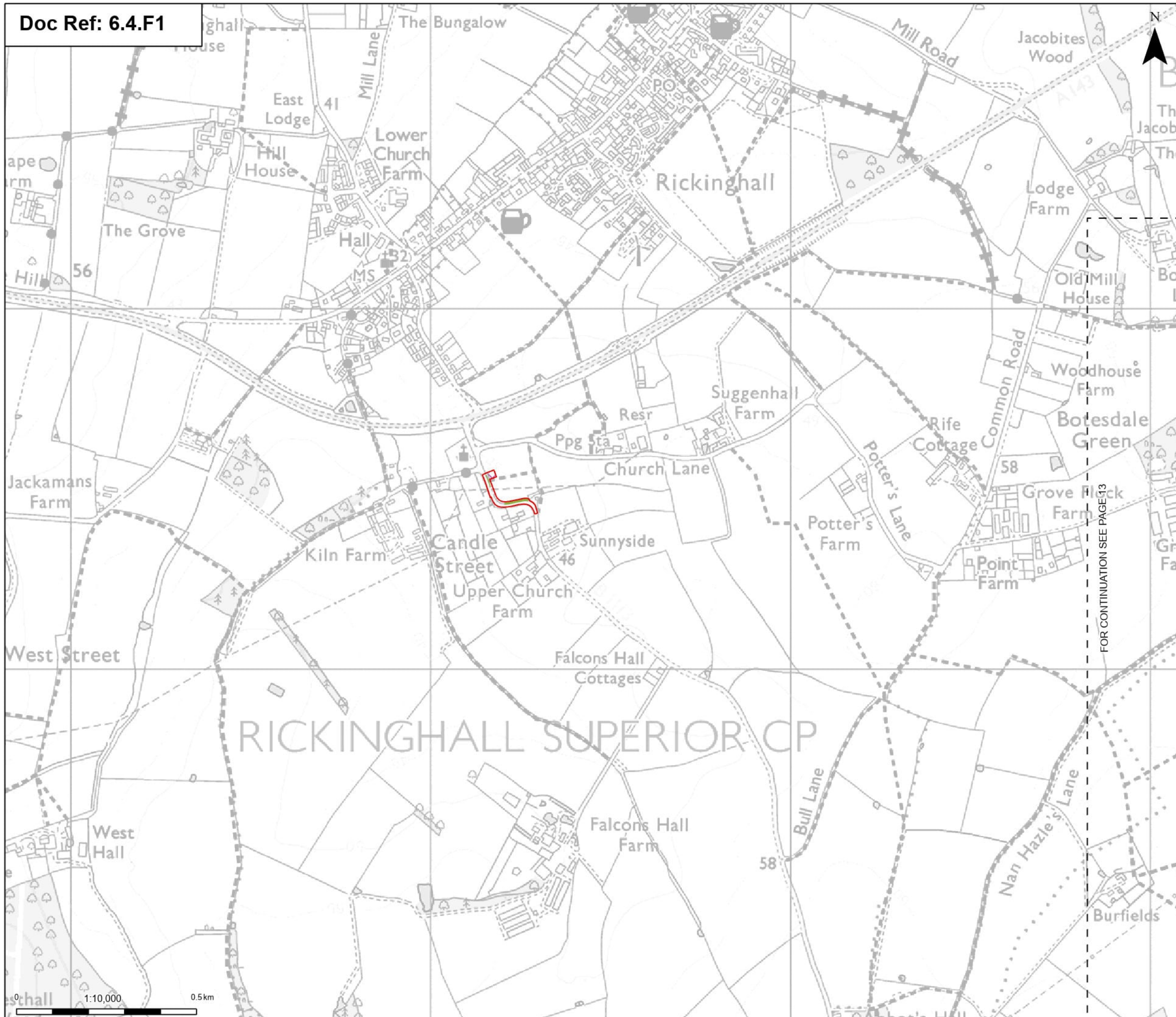
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**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 13 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

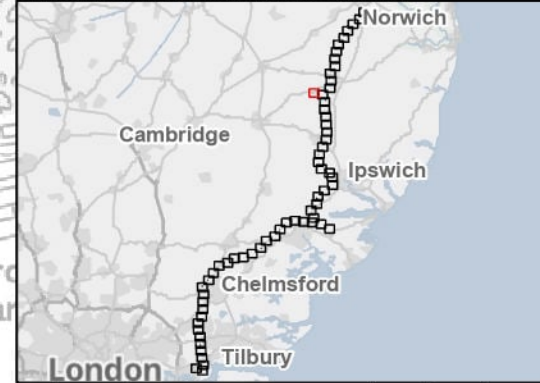
Revision:  
**B**



Order Limits  
 Sheet index outline  
 Proposed permanent design details  
 Proposed Verge (Hatching)  
 Proposed temporary design details  
 Proposed highways mitigation compounds

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

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

Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section B  
 Page 14 of 63

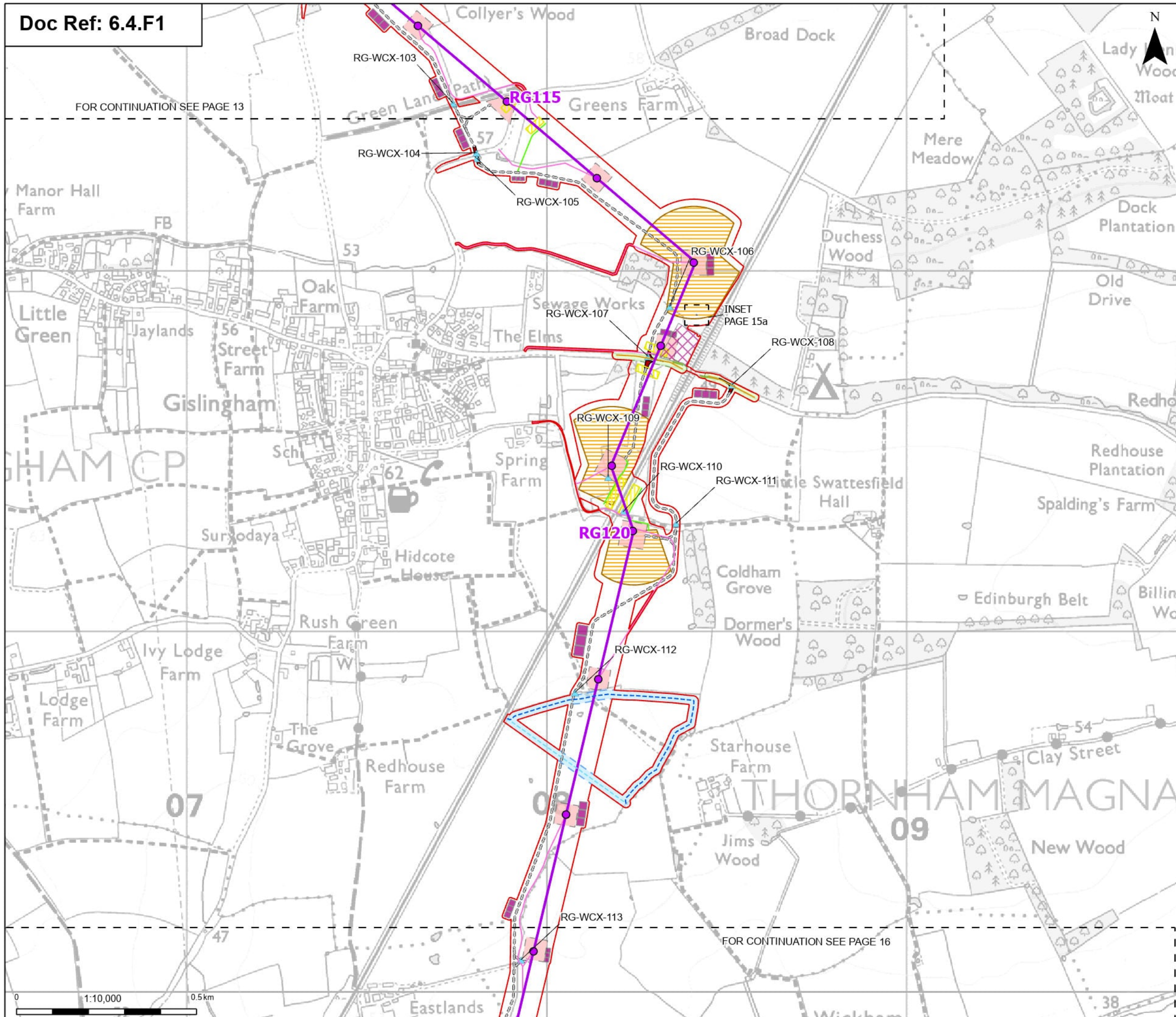
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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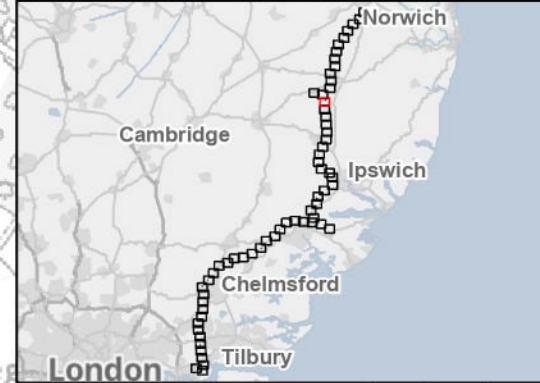
Revision:  
**B**

FOR CONTINUATION SEE PAGE 13



- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed Verge (Hatching)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed highways mitigation compounds
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

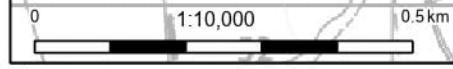
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**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 15 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:  
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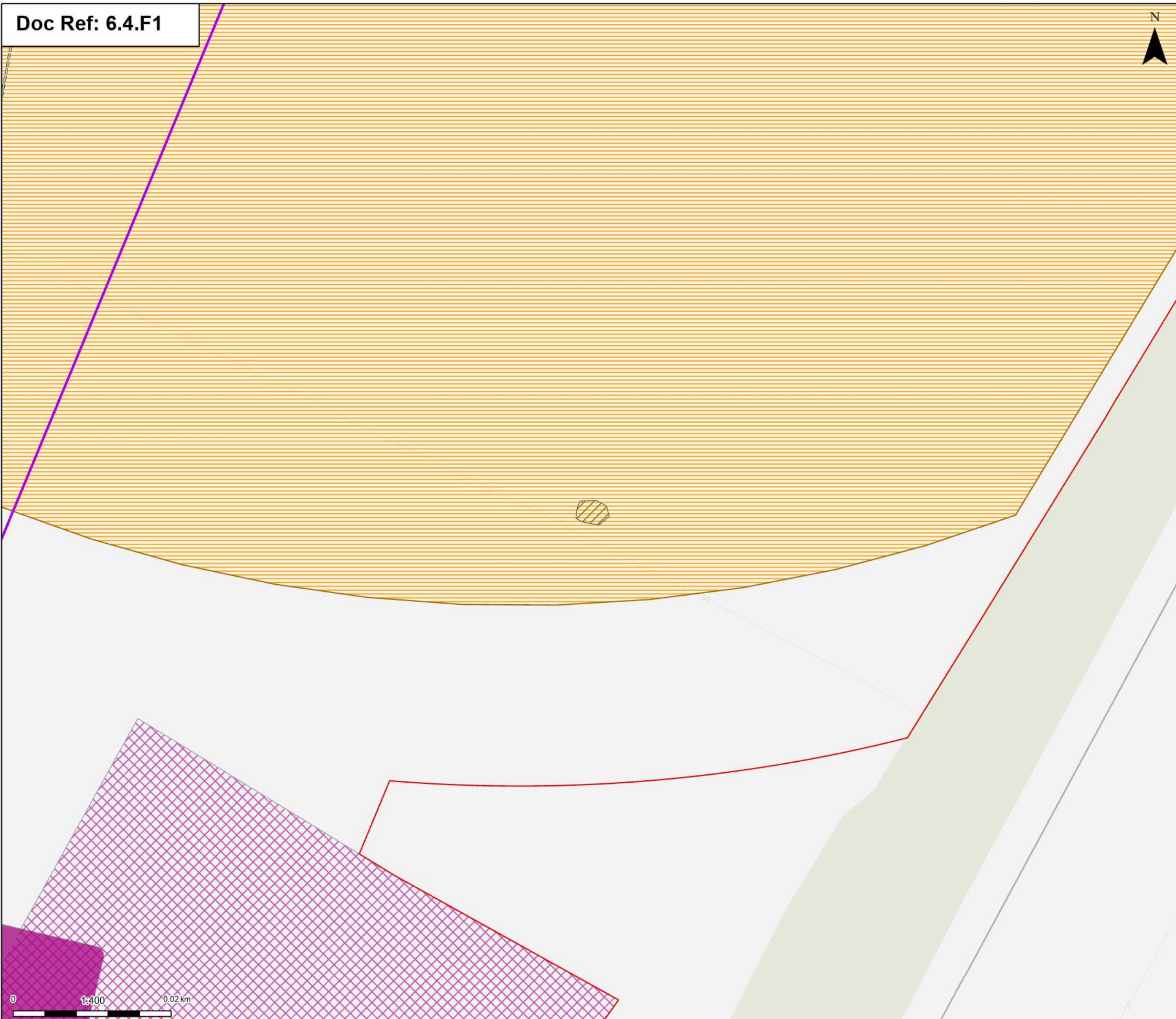
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**B**

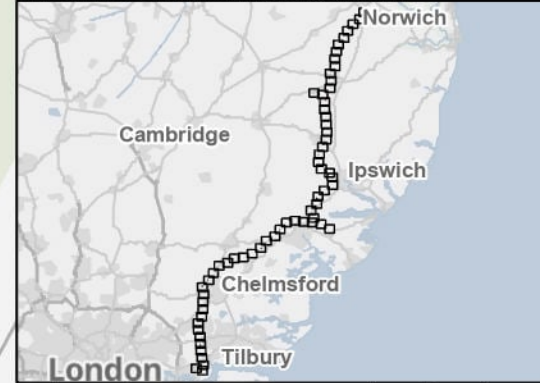




- Order Limits
  - Proposed permanent design details
  - Proposed overhead line alignment
  - Proposed temporary design details
  - Proposed overhead line construction
  - SuDS basin
  - Proposed temporary haul road
  - Proposed overhead line pulling location
  - Proposed highways mitigation compounds
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

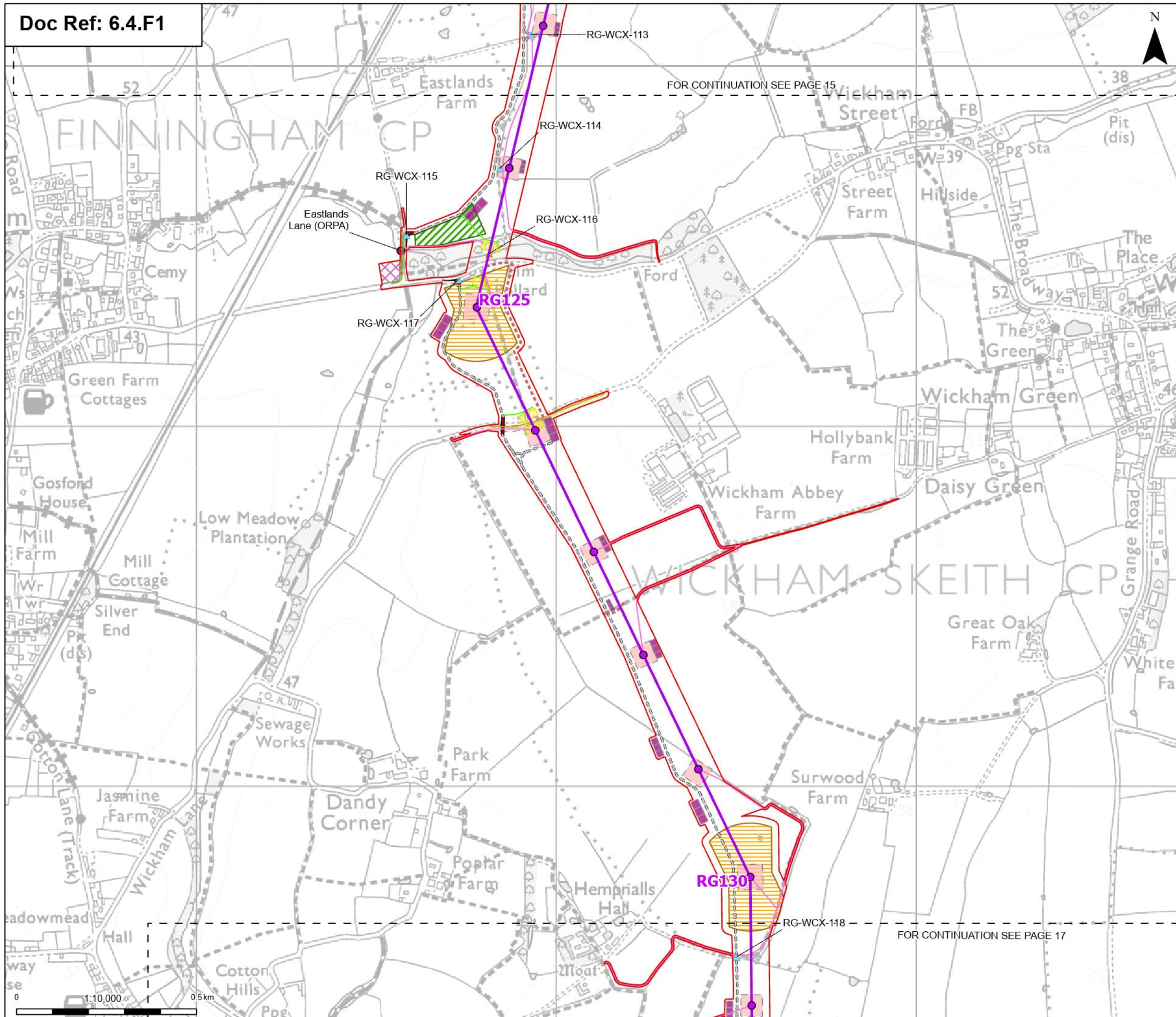
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 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 15a of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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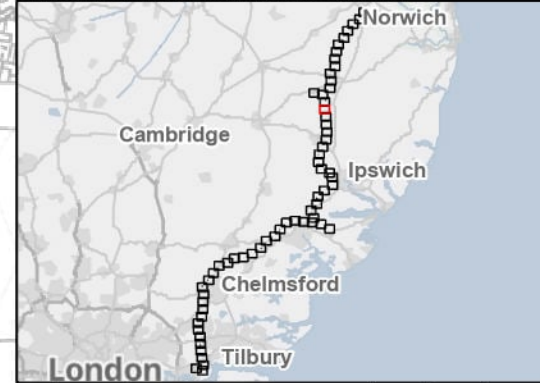


FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 17

- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed Verge (Hatching)
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed BT overhead line mitigation work area
  - Proposed highways mitigation compounds
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - ▲ Proposed overhead line access watercourse crossing - bridge
  - Proposed PRoW temporary diversions - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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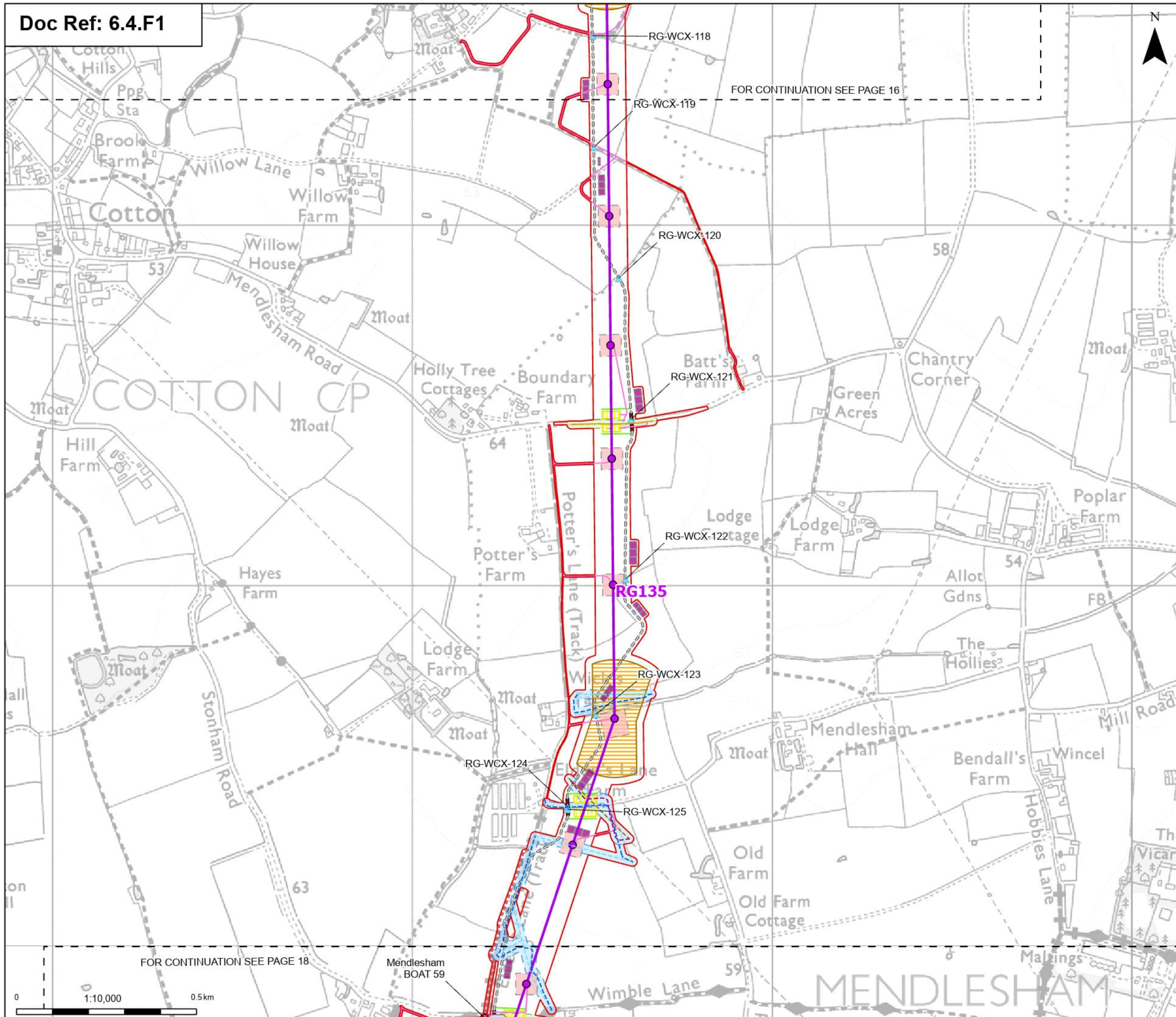
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**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 16 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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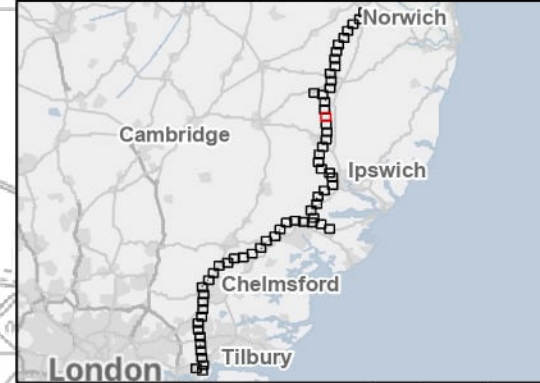


**Order Limits**

- Sheet index outline
- Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed 33kV overhead line mitigation
  - Proposed 33kV underground cable alignment mitigation
- Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed PRoW temporary diversions - watercourse crossings

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section B  
 Page 17 of 63

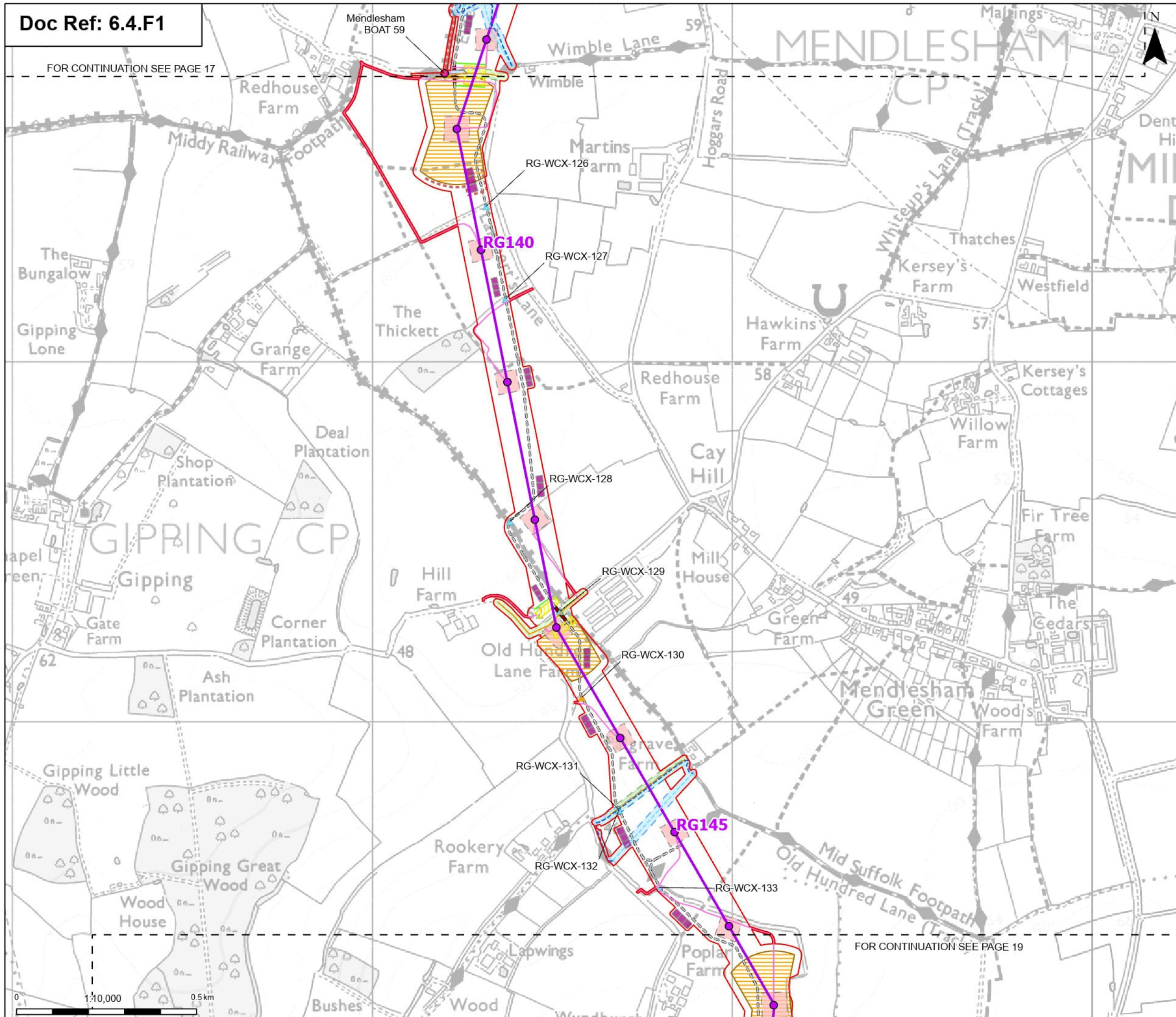
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**

FOR CONTINUATION SEE PAGE 17



**Order Limits**

- Sheet index outline

**Proposed permanent design details**

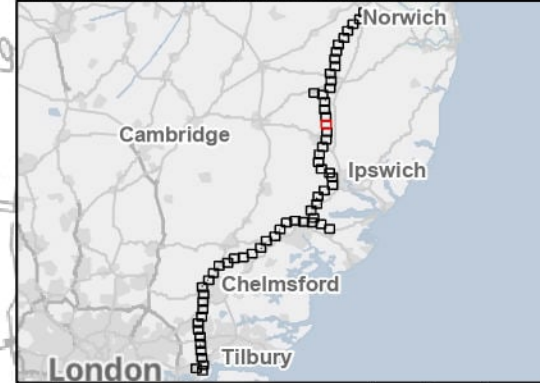
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Proposed PRoW temporary diversions - watercourse crossings

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

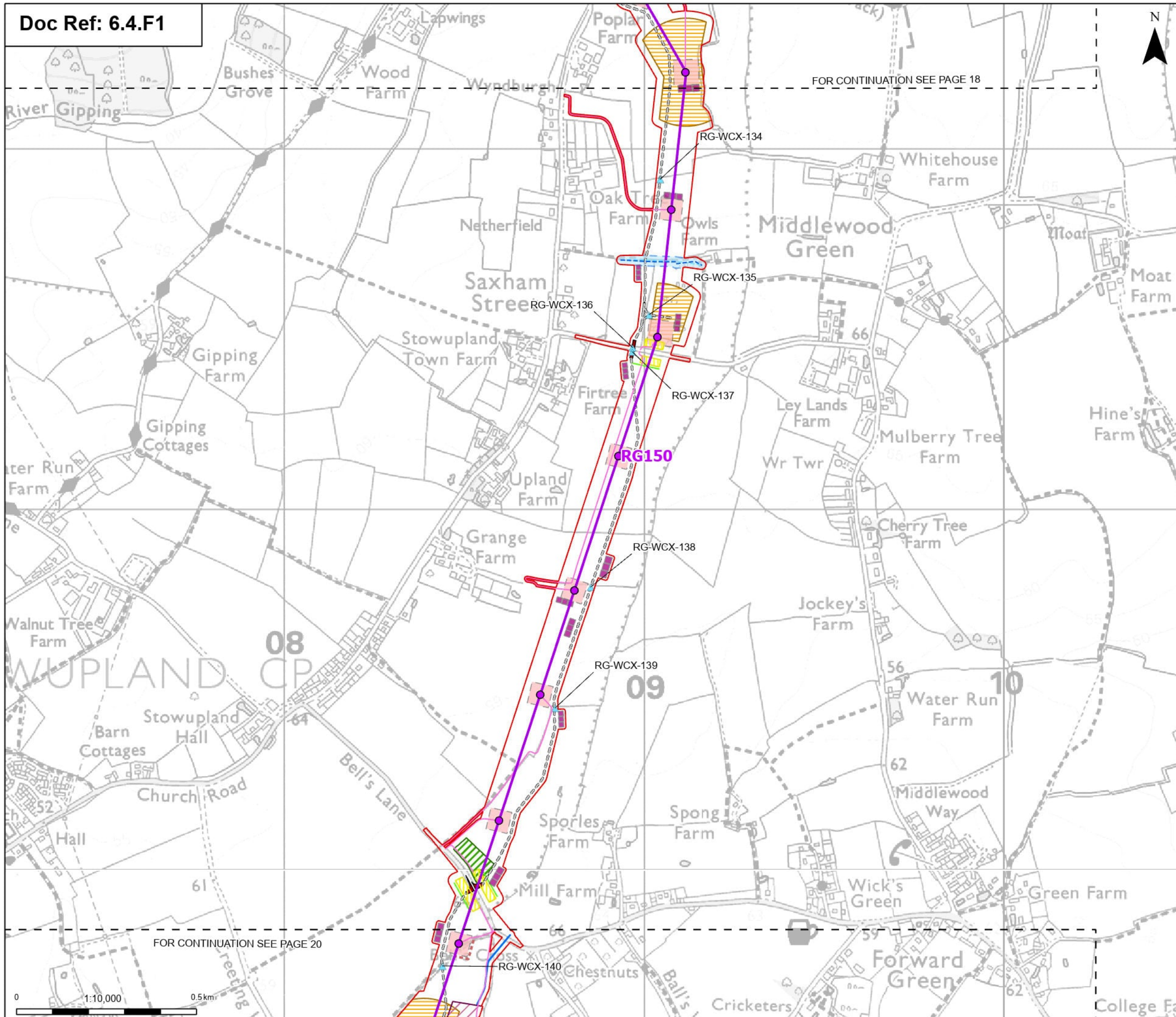
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
 Figure 4.1 - Project Description -  
 Proposed Project Design  
 Section B  
 Page 18 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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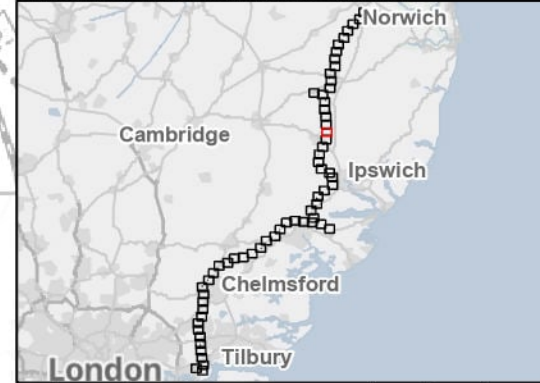
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 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed satellite construction compound
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed overhead line compound utility connections - water
  - Proposed PRoW diversions
  - Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 19 of 63

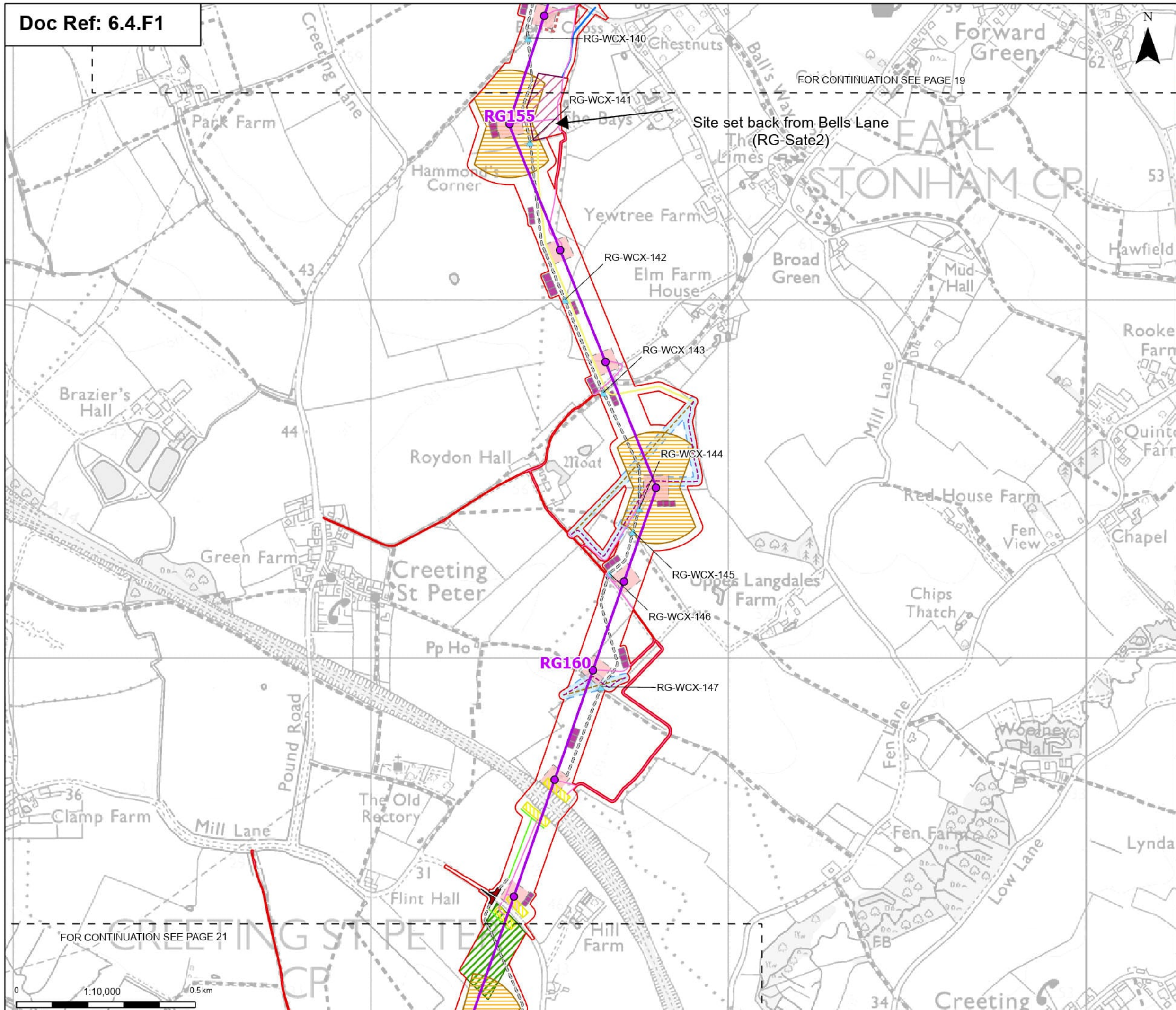
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Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**





Order Limits

Sheet index outline

Proposed permanent design details

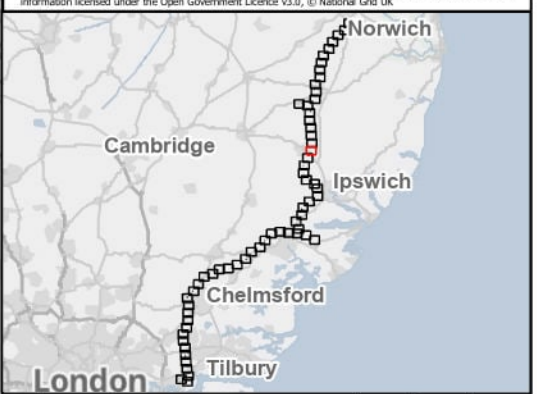
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- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation

Proposed temporary design details

- Proposed satellite construction compound
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert

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

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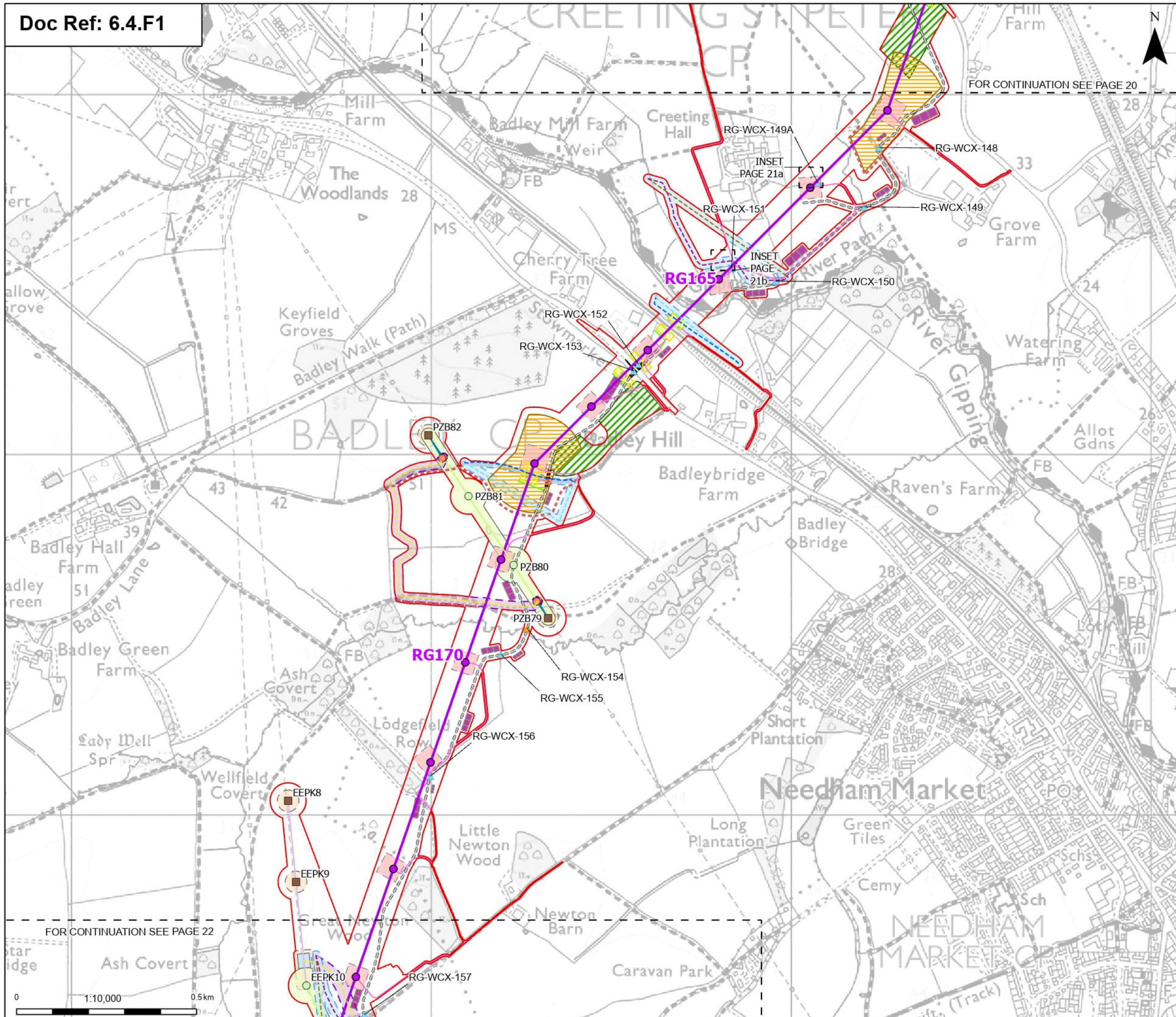
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 Section B  
 Page 20 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



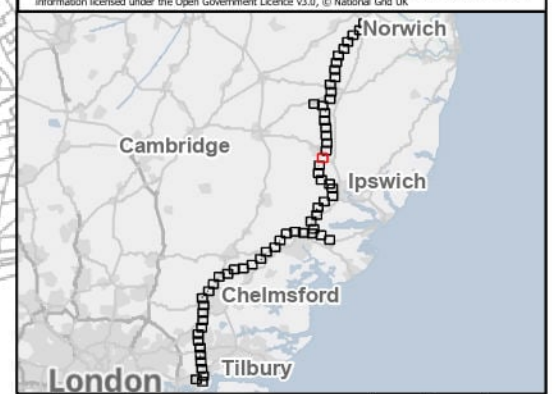
FOR CONTINUATION SEE PAGE 20

FOR CONTINUATION SEE PAGE 22

- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line new H pole
- Proposed UKPN dismantle centreline
- Proposed UKPN Existing Centreline (Modified)
- Proposed UKPN New Centreline
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

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



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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 21 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:  
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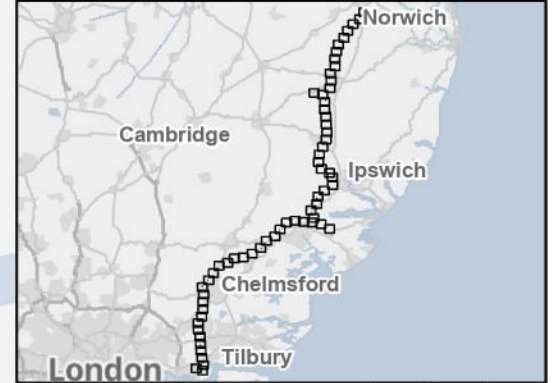
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Revision:  
**B**



- Order Limits
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  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed pylon construction work area
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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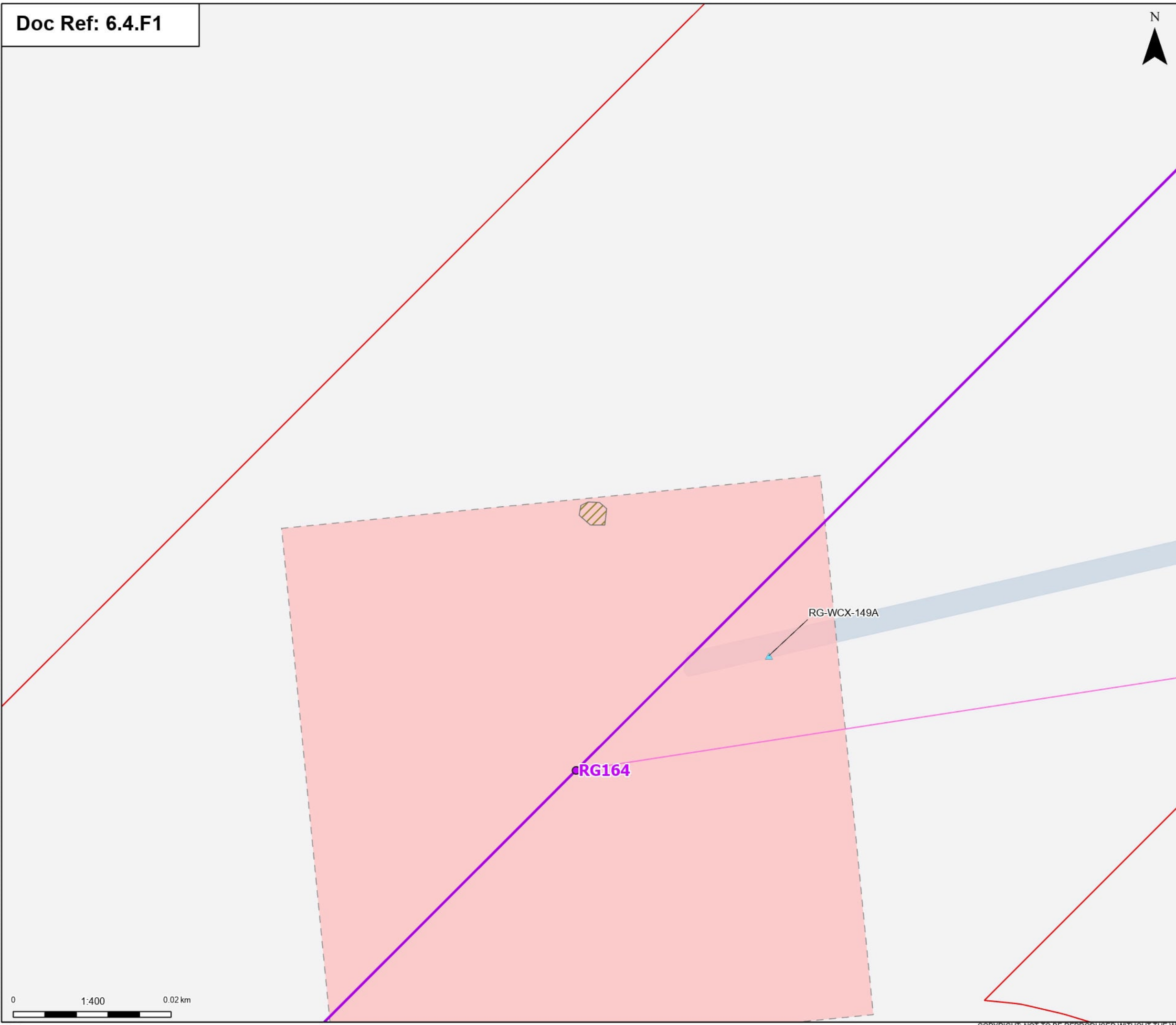
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 21a of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

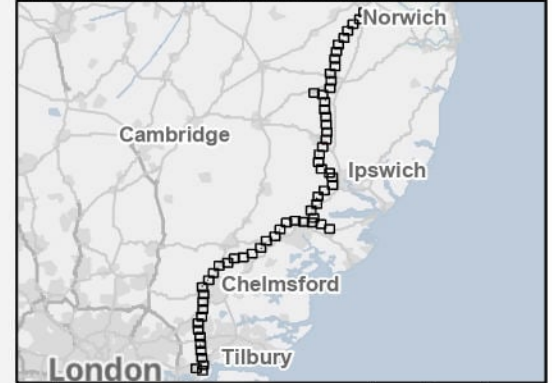
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206 Revision: **B**





- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 33kV overhead line mitigation
  - Proposed 33kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed pylon construction work area
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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Rev	Date	Description	Drawn	Check	Approv

**PROJECT:**  
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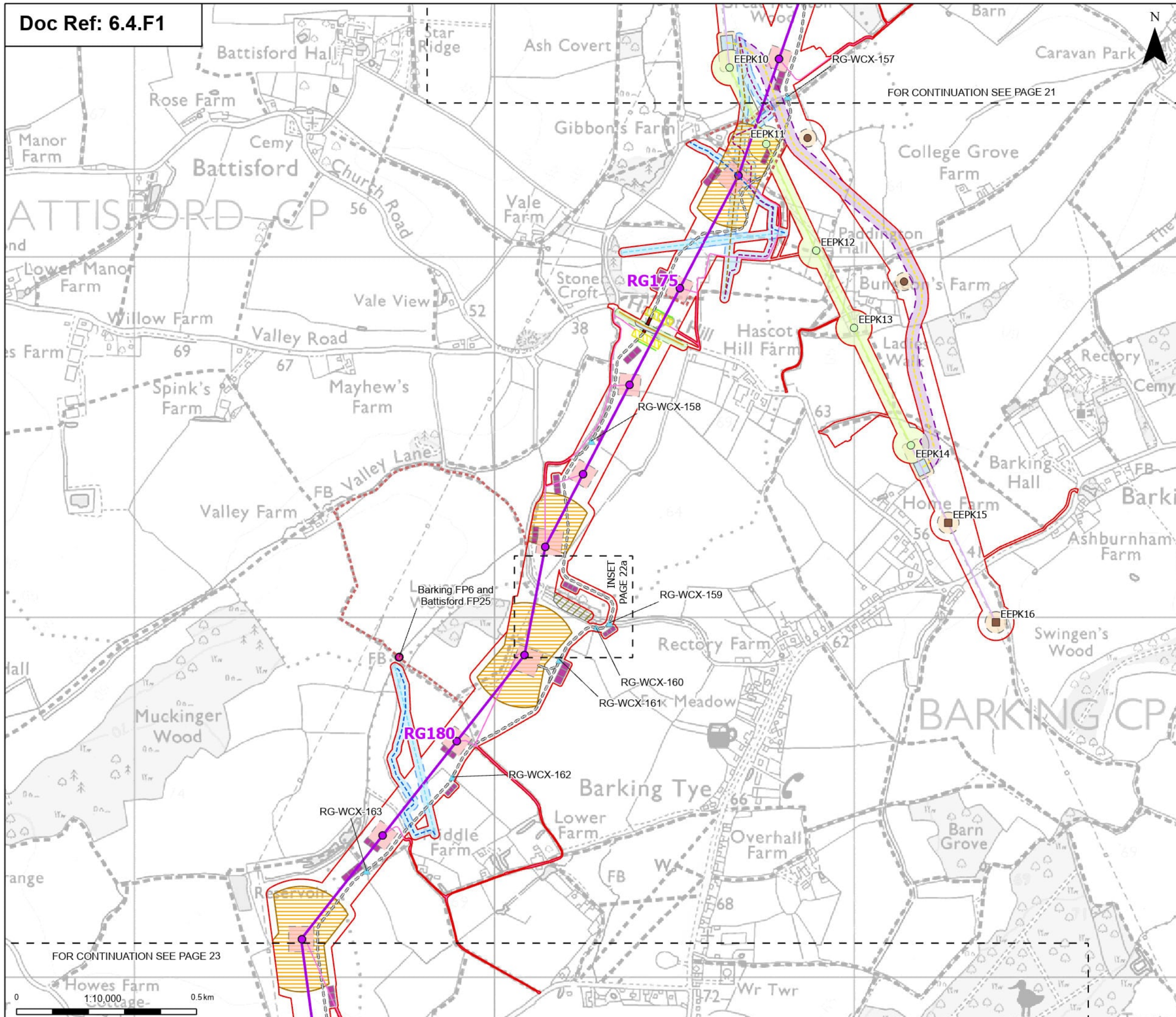
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 Page 21b of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline
- Proposed UKPN Existing Centreline (Modified)
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed overhead line construction
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed PRoW temporary diversion - watercourse crossings
- Proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 22 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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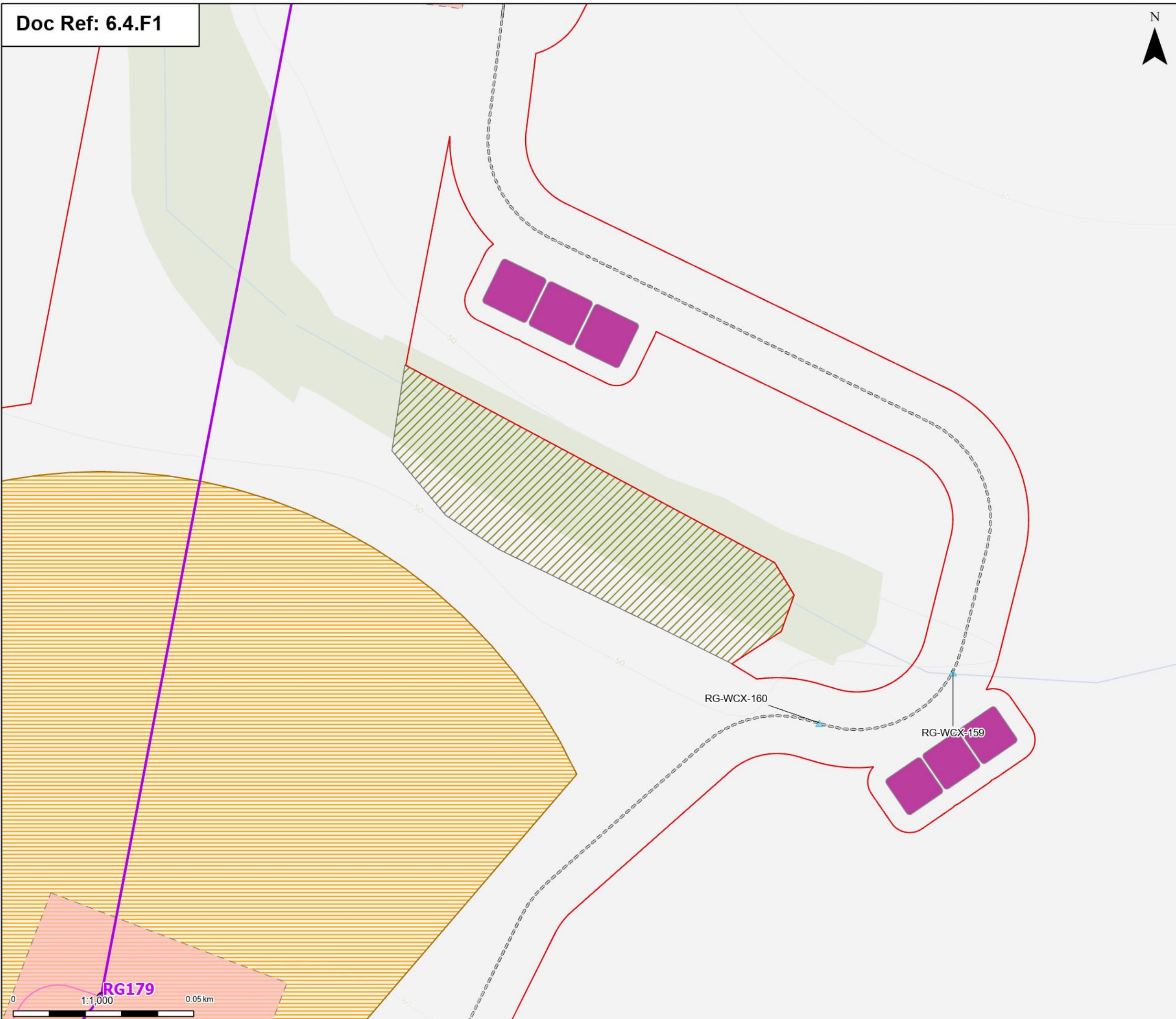
Suitability Description:  
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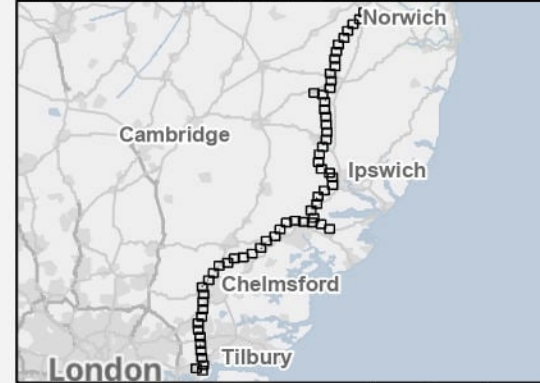
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access
  - ▲ Proposed watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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

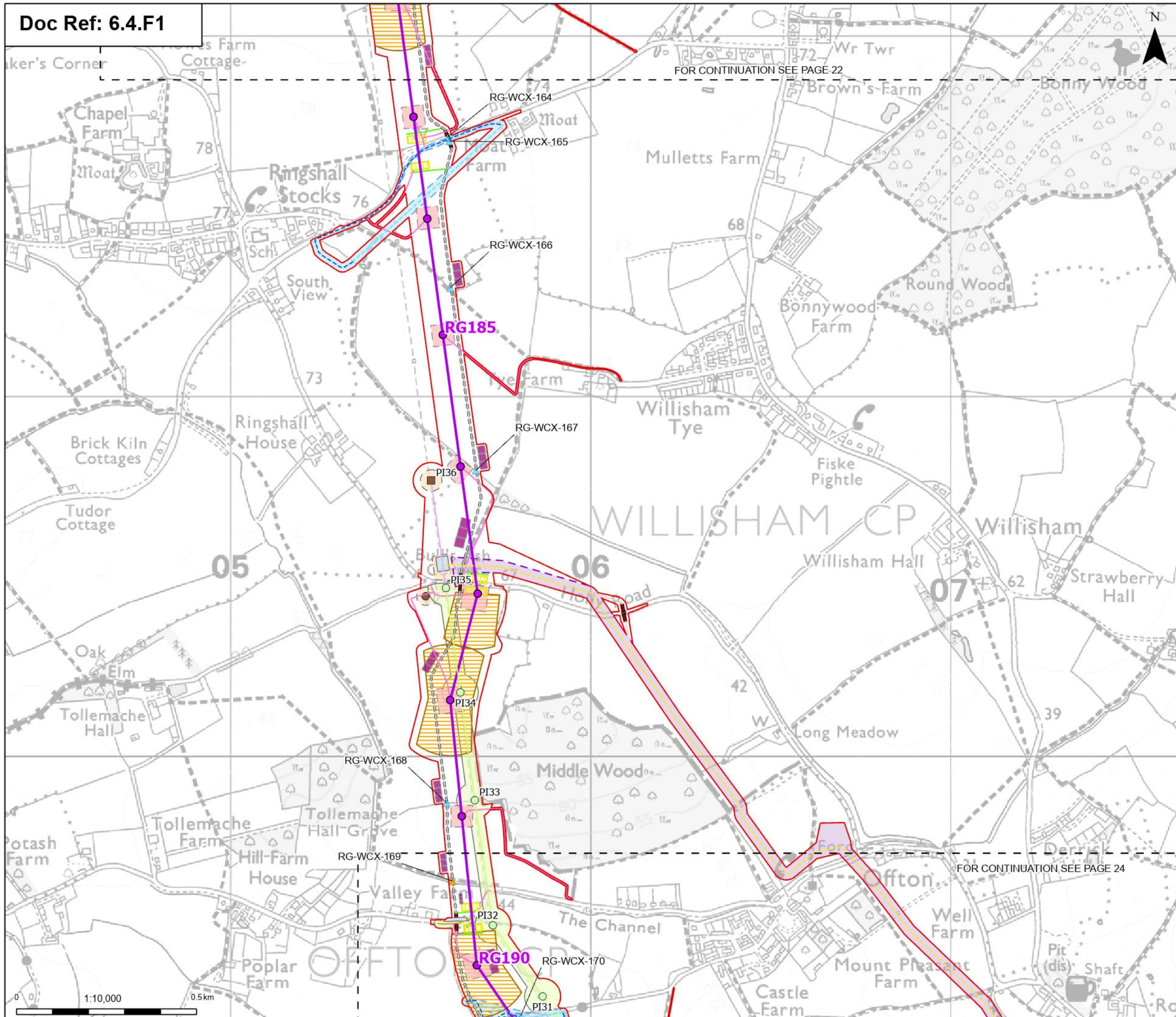
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**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 22a of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

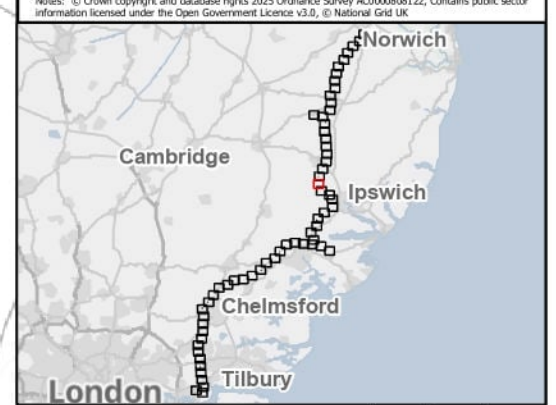
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206 Revision: **B**





- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline (Modified)
- Proposed UKPN Existing Centreline (Modified)
- Proposed UKPN Cable Access
- Proposed UKPN cable centreline
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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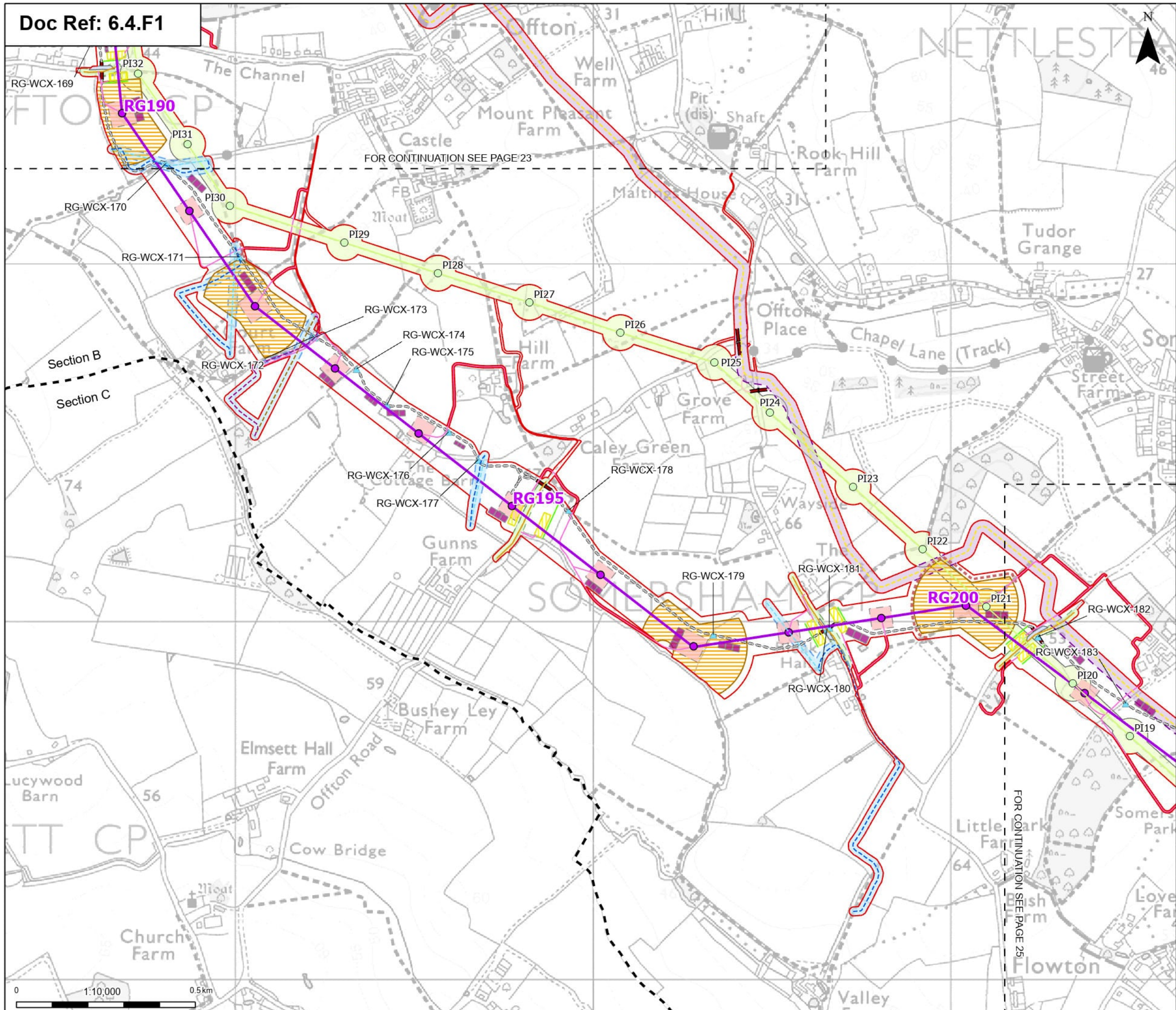
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 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 23 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Description:  
 Accepted as Concept Stage

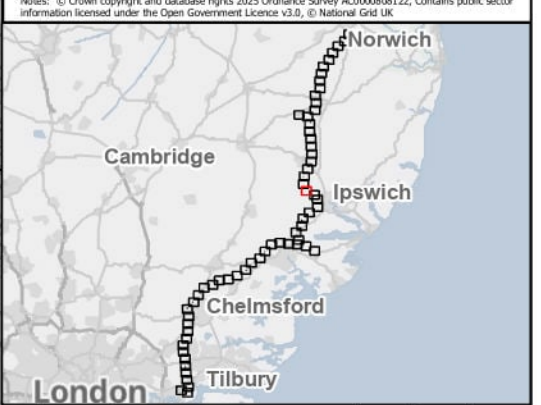
Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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- Order Limits
- - - Sheet index outline
- - - Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN dismantle centreline
- Proposed UKPN Cable Access
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed overhead line construction
- Proposed SuDS basin
- Proposed site access point
- - - Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

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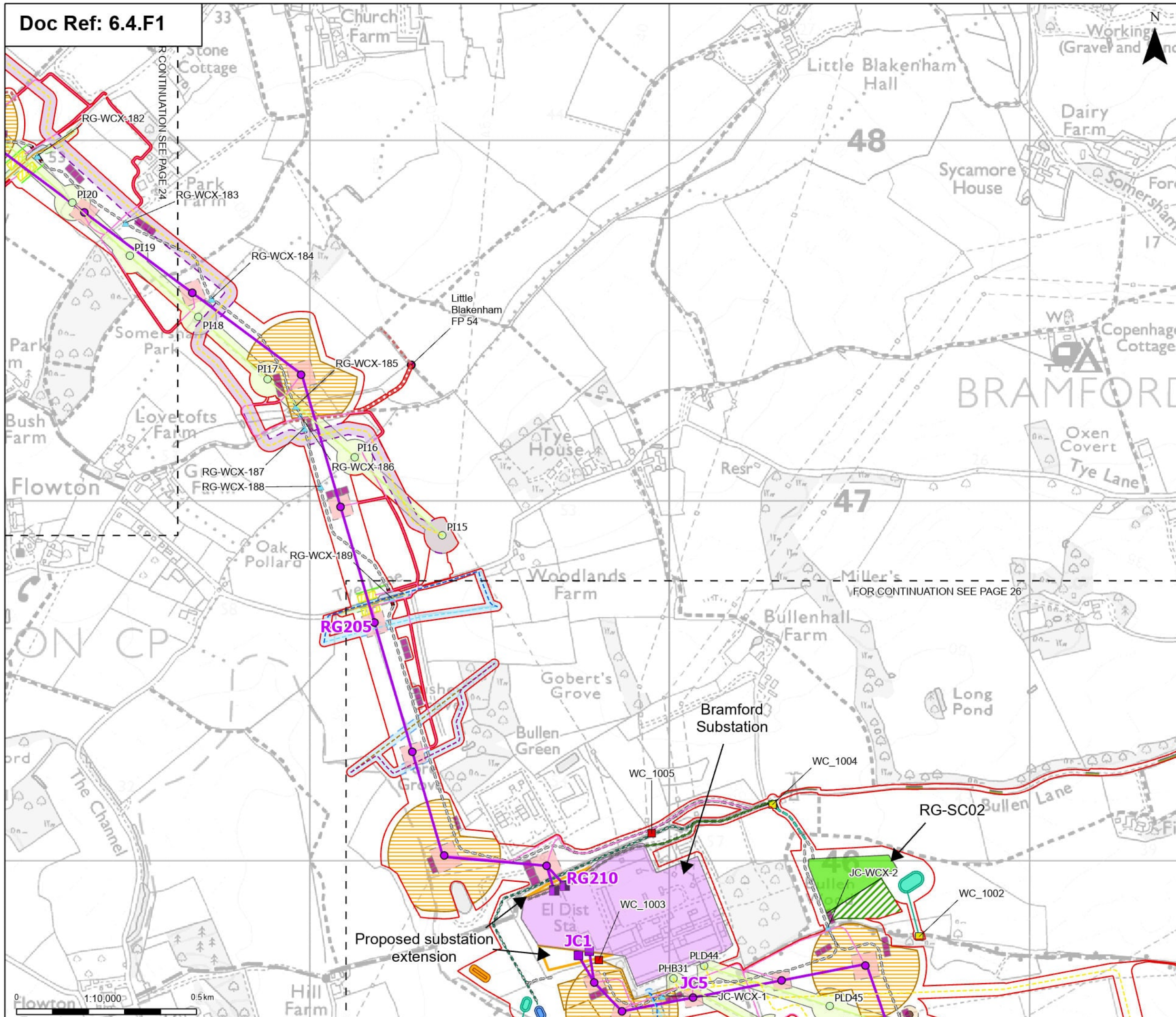
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**Figure 4.1 - Project Description - Proposed Project Design Sections B and C**  
 Page 24 of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:  
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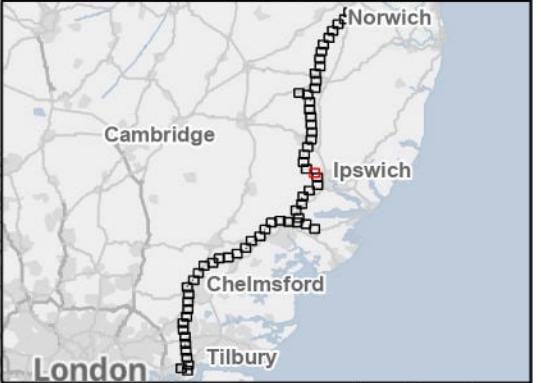
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits**
- Sheet index outline
- Bramford Substation
- Proposed permanent design details**
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed Bramford Substation Extension
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed permanent drainage access route
- Proposed Verge (Hatching)
- Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
- Proposed permanent spoil bund hatch
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle lowers
- Proposed UKPN cable centreline
- Proposed permanent road widening
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
- Proposed temporary design details**
- Proposed Cable Sealing End (CSE) compound/substation construction compound
- Proposed construction laydown areas
- Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection work area (wood pole line)
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed outfall location
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed PRoW temporary diversions - watercourse crossings

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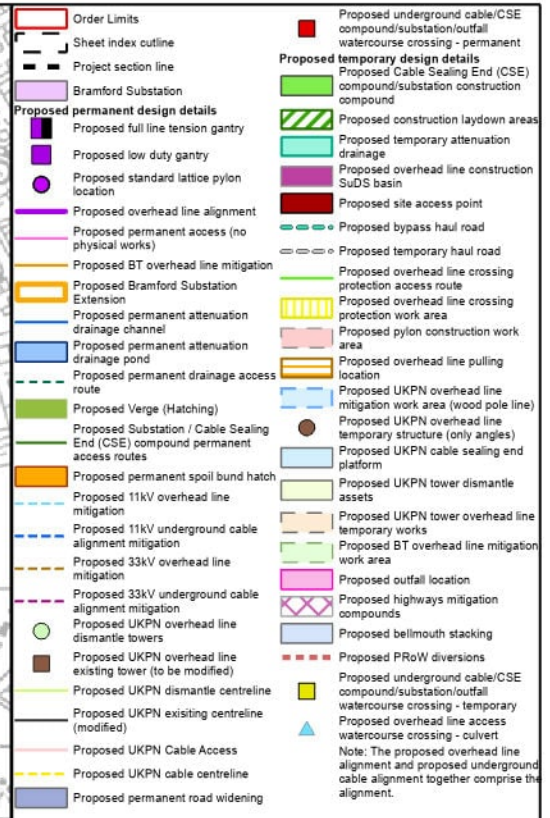
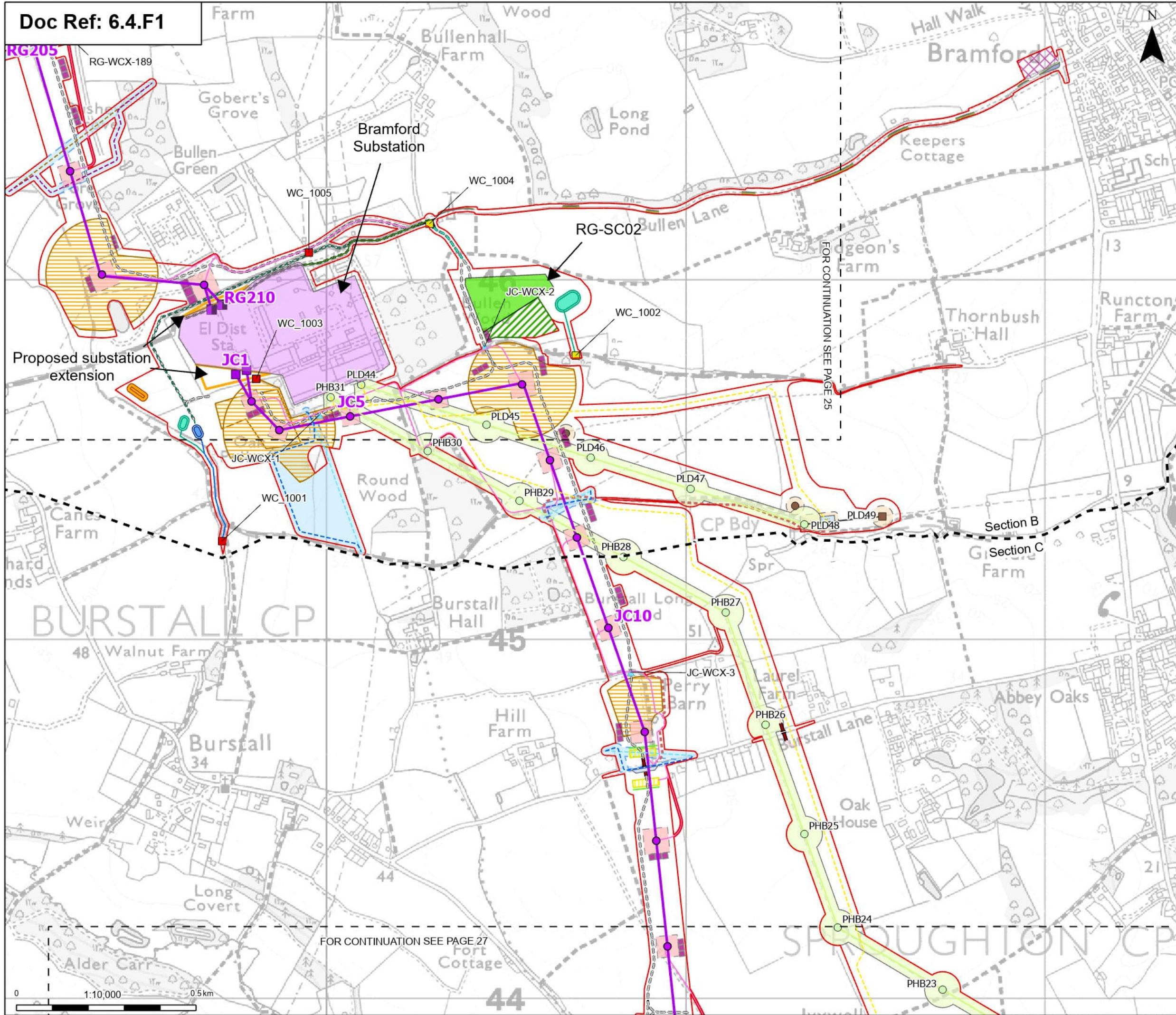
Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

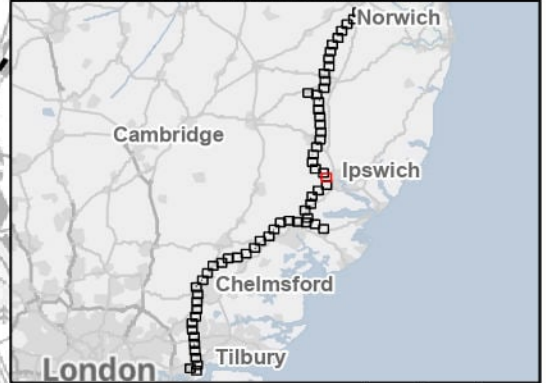
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**Figure 4.1 - Project Description - Proposed Project Design Section B**  
 Page 25 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: B



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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

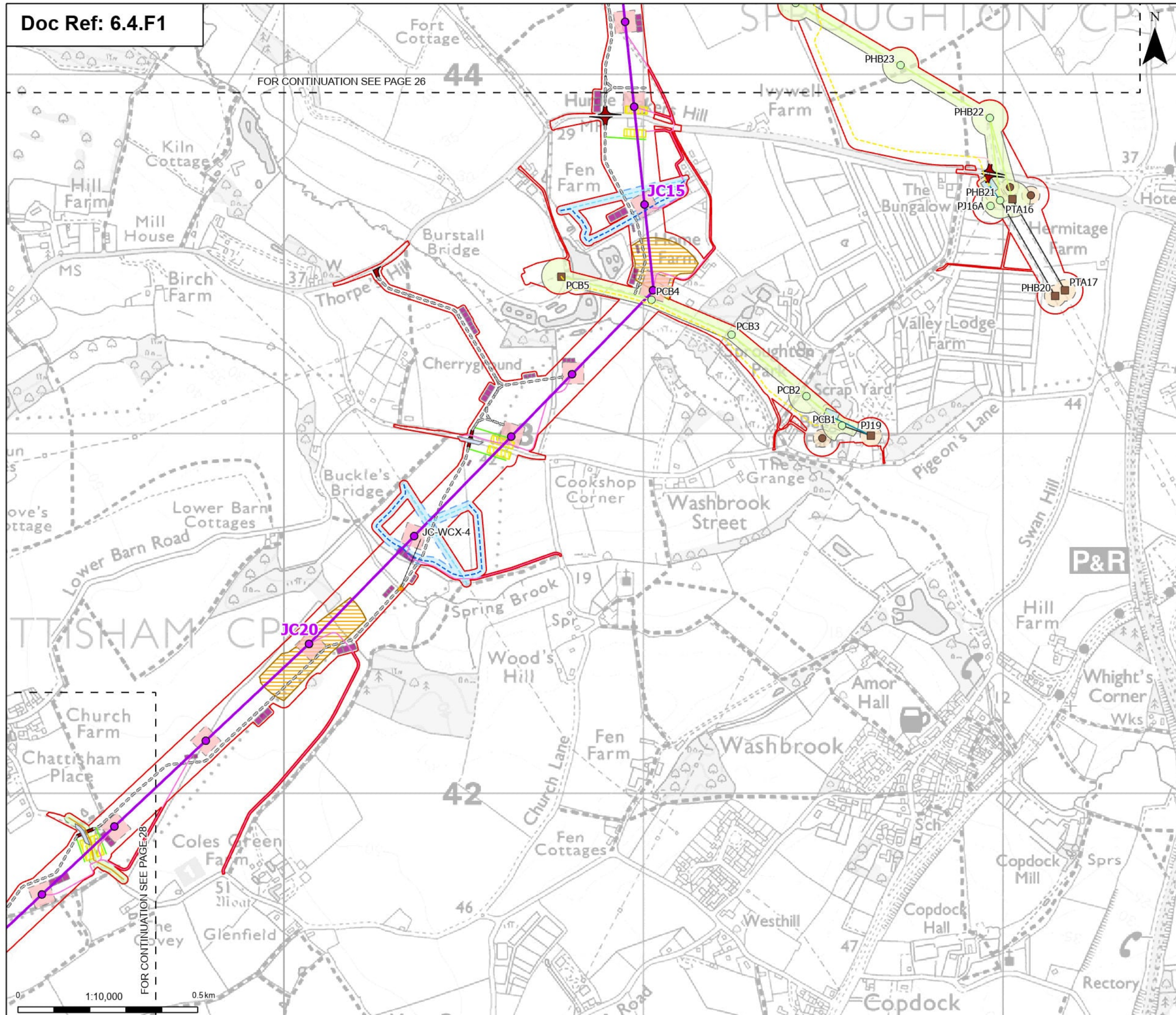
PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections B and C**  
 Page 26 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: B

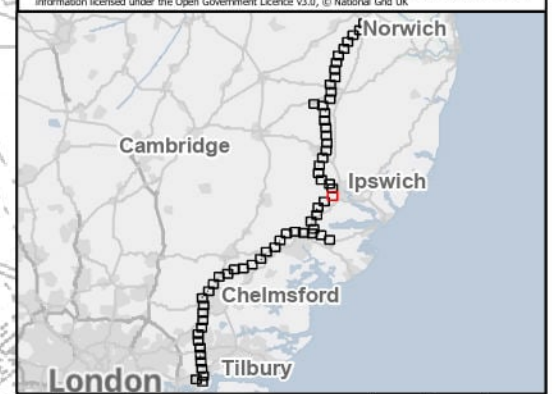
FOR CONTINUATION SEE PAGE 26



- Order Limits
- Proposed permanent design details
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN dismantle centreline (modified)
- Proposed UKPN existing centreline (modified)
- Proposed UKPN New Centreline
- Proposed UKPN Cable Access
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed overhead line construction
- Proposed SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed overhead line access watercourse crossing - bridge

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



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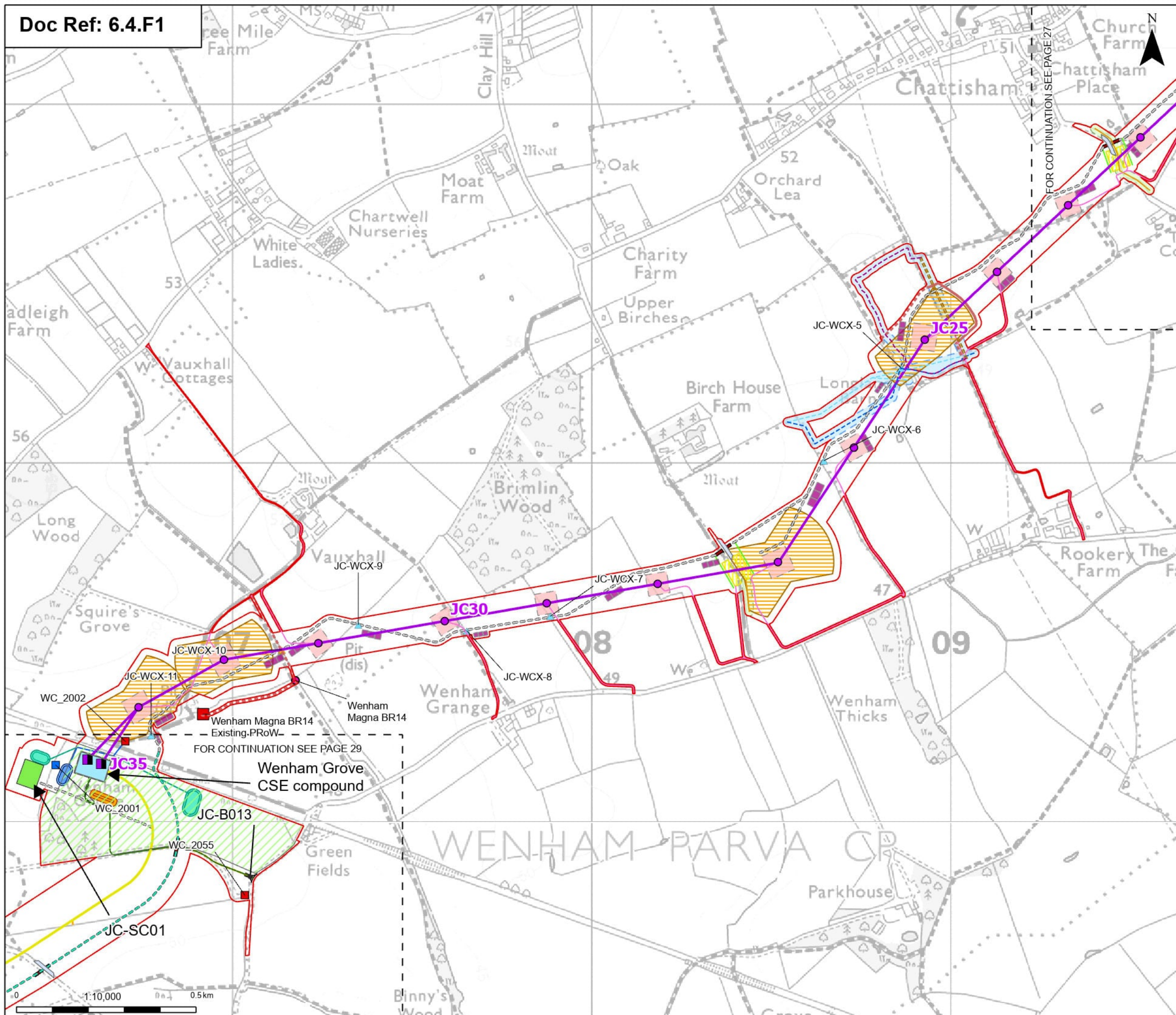
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 27 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

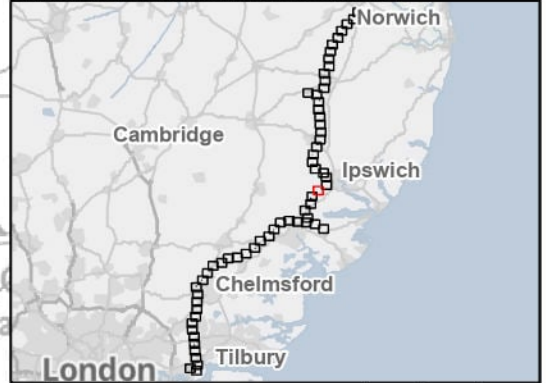
Drawing Number:  
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Revision:  
**B**



- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed full line tension gantry location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed cable sealing end (CSE) compound
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
- Proposed cable permanent access (no physical works)
- Proposed permanent spoil bund hatch
- Proposed Environmental Areas - Permanent
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed permanent site access points
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
- Proposed permanent design details
- Proposed Cable Sealing End (CSE) compound/substation construction compound
- Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed outfall location
- Proposed bellmouth stacking
- Proposed PRoW diversions
- ▲ Proposed overhead line access watercourse crossing - culvert
- ▲ Proposed overhead line access watercourse crossing - bridge
- Proposed PRoW temporary diversions - watercourse crossings
- Proposed PRoW temporary stopped up - watercourse crossings

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

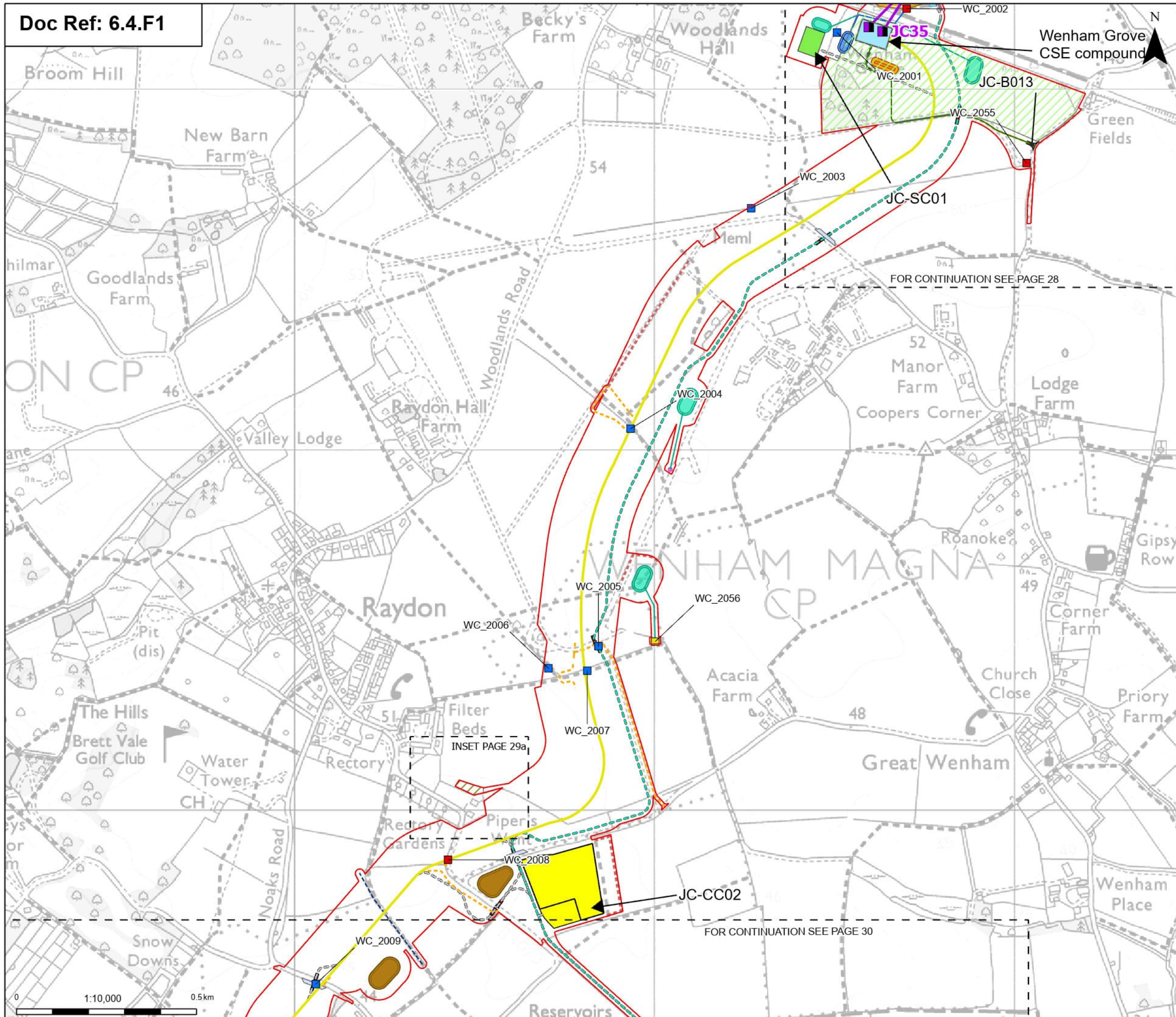
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 28 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

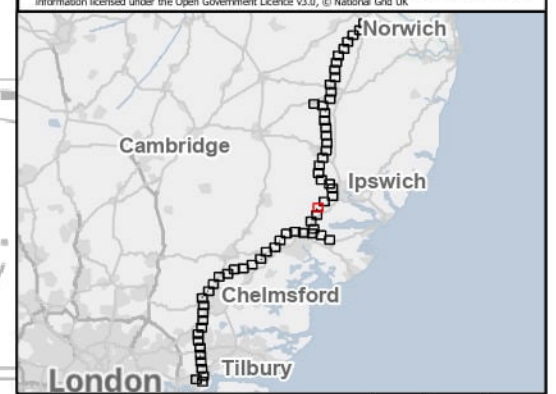
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Proposed permanent design details
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed cable sealing end (CSE) compound
  - Proposed permanent attenuation drainage channel
  - Proposed permanent attenuation drainage pond
  - Proposed Substation / Cable Sealing End (CSE) compound - permanent access routes
  - Proposed cable permanent access (no physical works)
  - Proposed permanent spoil bund hatch
  - Proposed Environmental Areas - Permanent
  - Proposed permanent site access points
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
  - Proposed temporary design details
  - Proposed underground cable construction compound
  - Proposed Cable Sealing End (CSE) compound/substation construction compound
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed bypass haul road
  - Proposed temporary haul road
  - Proposed overhead line pulling location
  - Proposed UKPN pole uplifting
  - Proposed concrete batching compound
  - Proposed outfall location
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

FOR CONTINUATION SEE PAGE 28



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PROJECT:  
**nationalgrid** Norwich to Tilbury

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 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 29 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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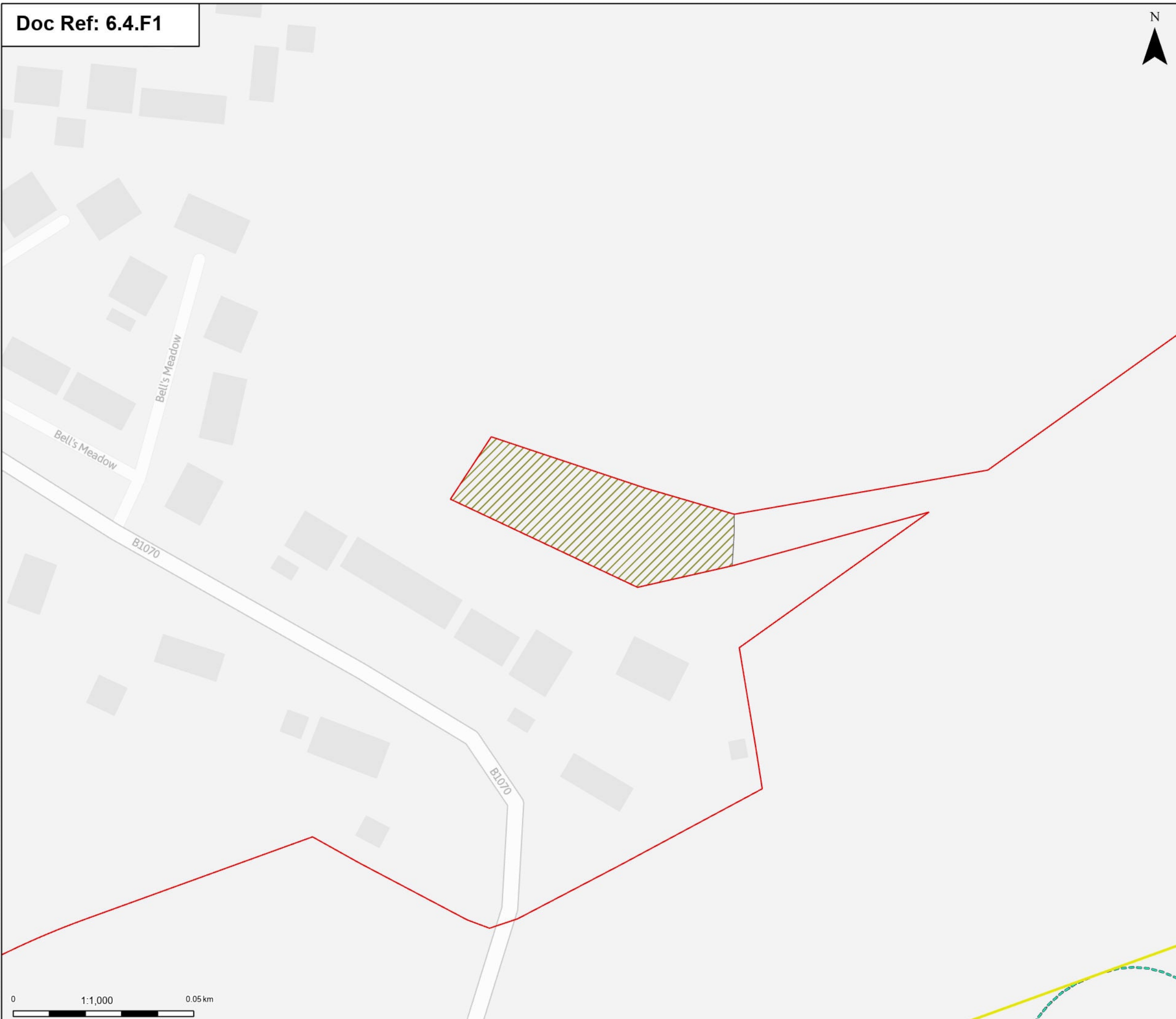
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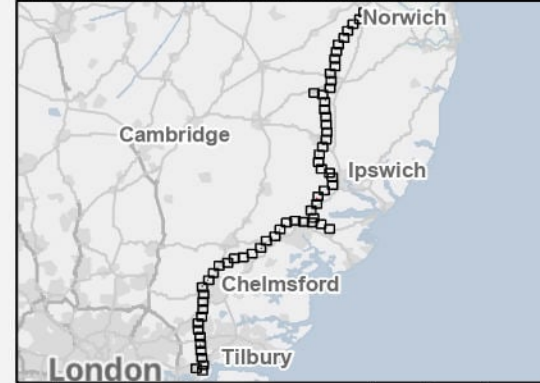
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed underground cable alignment
  - Proposed temporary design details
  - Proposed bypass haul road
  - Proposed temporary haul road
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 29a of 63

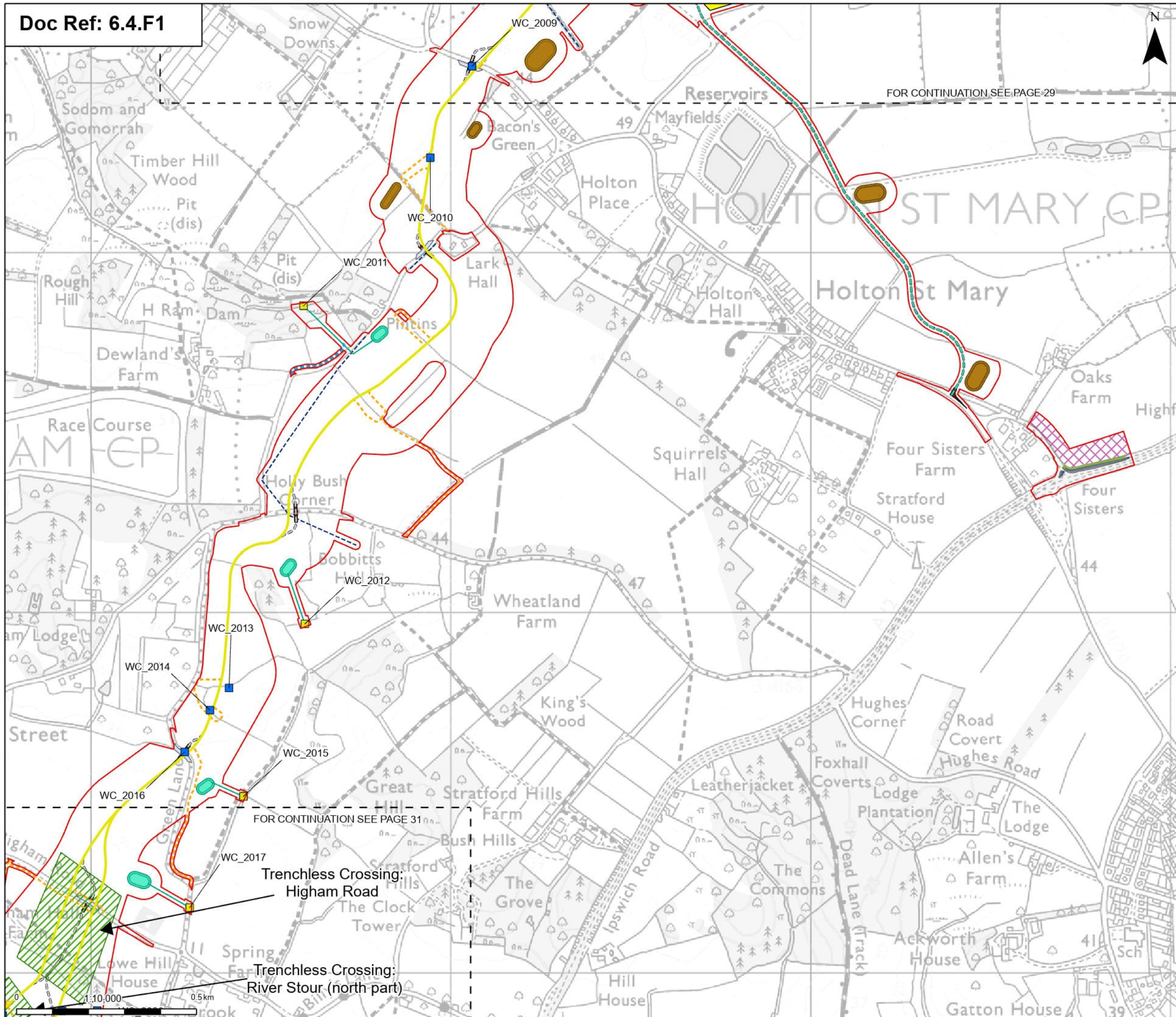
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
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Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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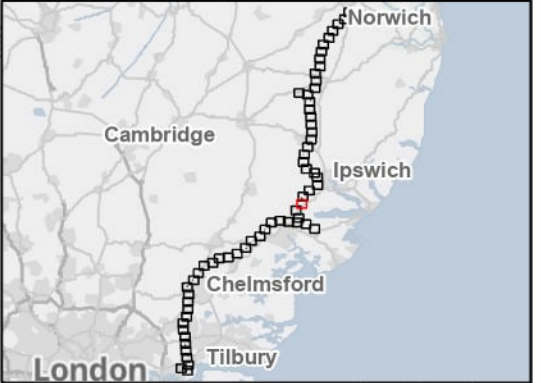
Revision:  
**B**





- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed underground cable alignment
  - Proposed trenchless crossing
  - Proposed Footway (Hatching)
  - Proposed Verge (Hatching)
  - Proposed cable permanent access (no physical works)
  - Proposed permanent road widening
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
  - Proposed temporary design details
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed site access point
  - Proposed bypass haul road
  - Proposed temporary haul road
  - Proposed UKPN pole uplifting
  - Proposed concrete batching compound
  - Proposed temporary drainage access route
  - Proposed outfall location
  - Proposed highways mitigation compounds
  - Proposed bellmouth stacking
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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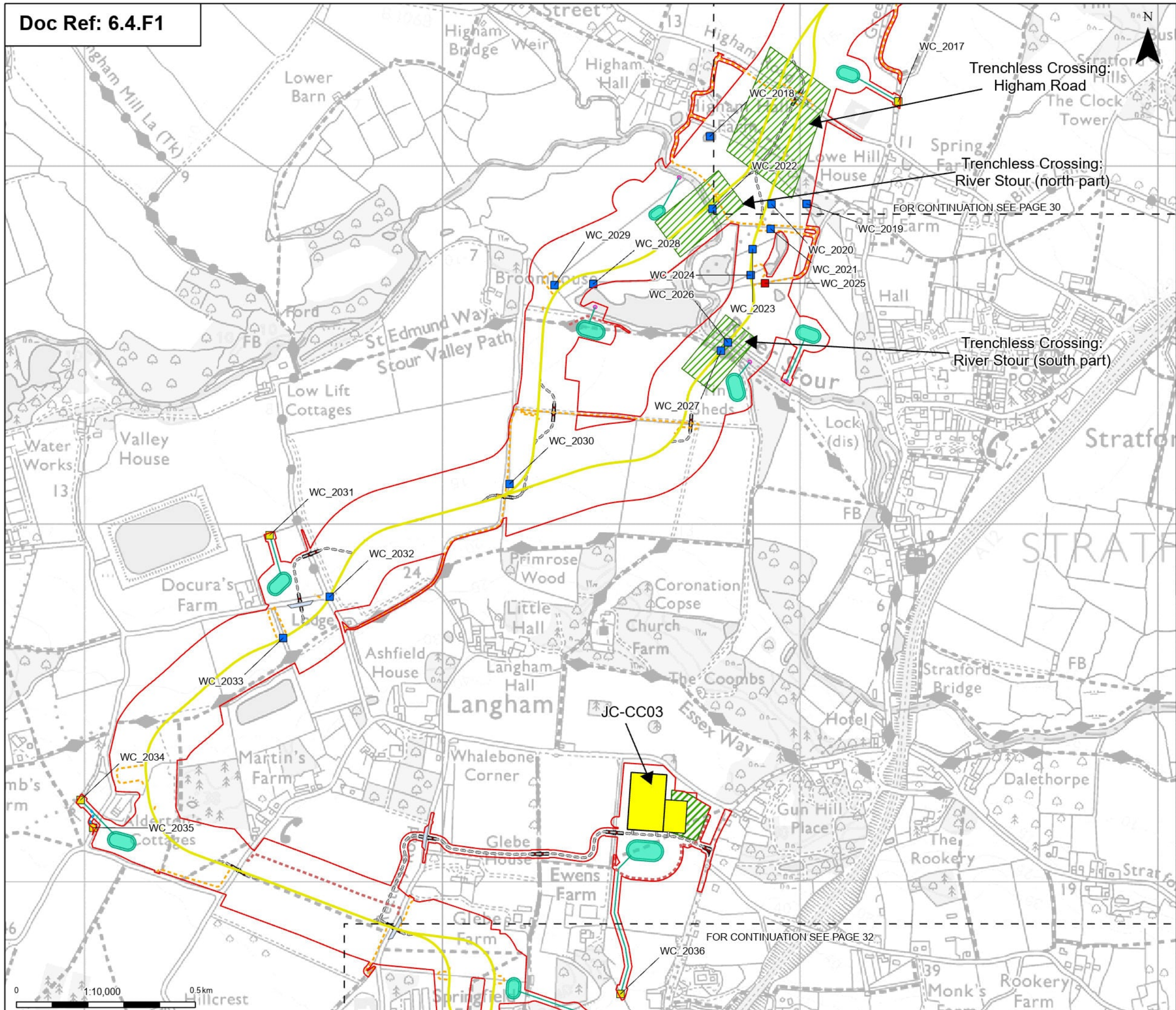
Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 30 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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 Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: **B**

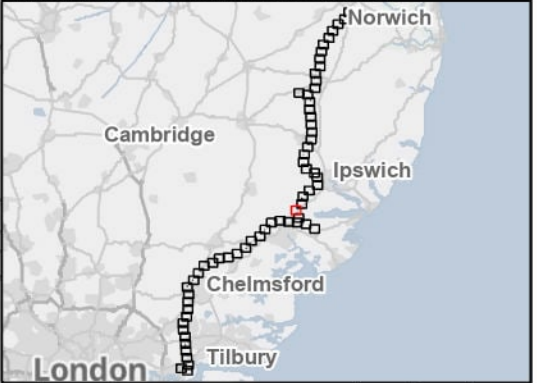


**Order Limits**

- Sheet index outline
- Proposed permanent design details
  - Proposed underground cable alignment
  - Proposed trenchless crossing
  - Proposed cable permanent access (no physical works)
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
- Proposed temporary design details
  - Proposed underground cable construction compound
  - Proposed construction laydown areas
  - Proposed temporary attenuation drainage
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed concrete batching compound
  - Proposed temporary drainage access route
  - Proposed outfall location
  - Proposed bellmouth stacking
  - Proposed ProW diversions
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary

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

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 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 31 of 63

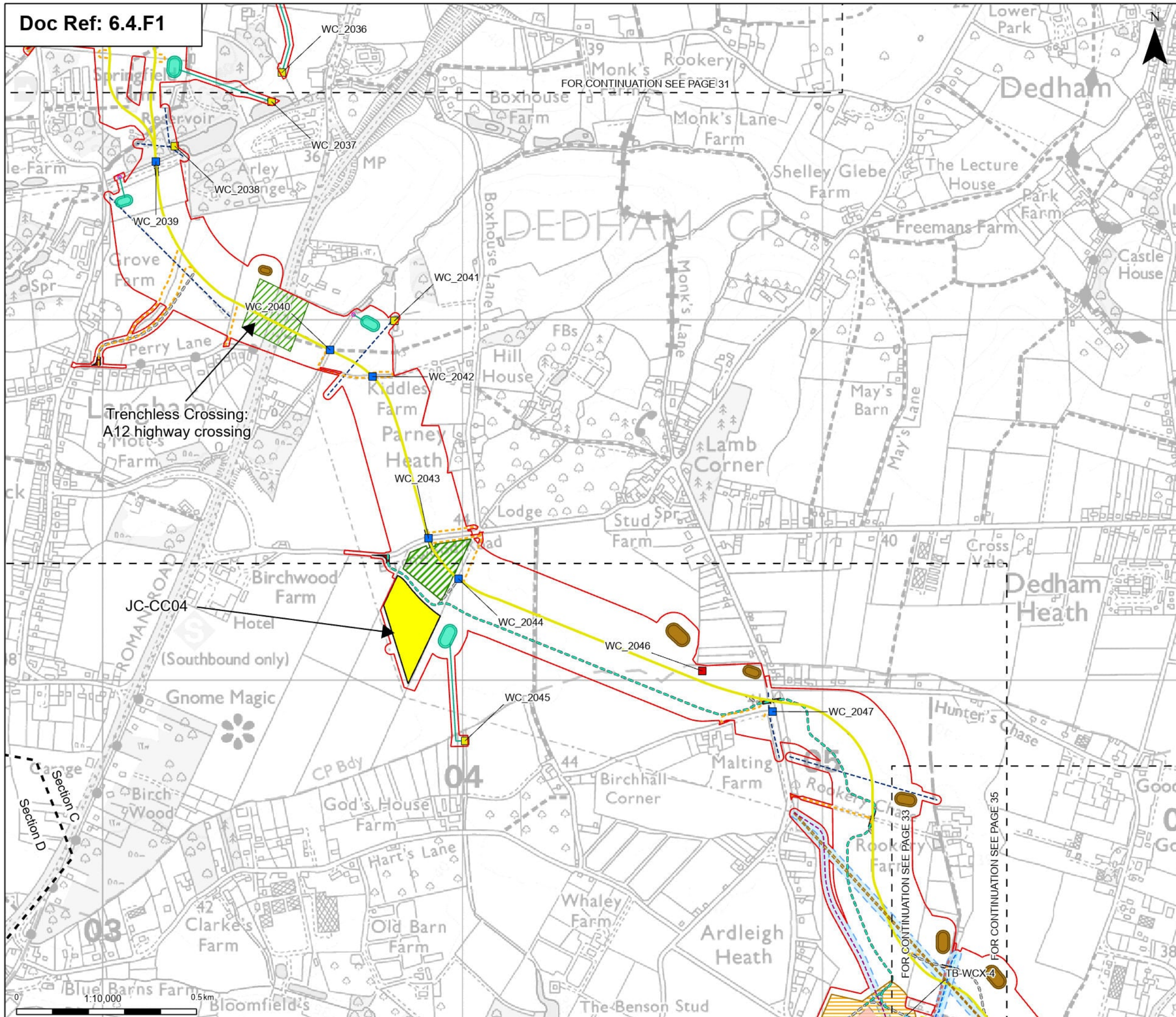
Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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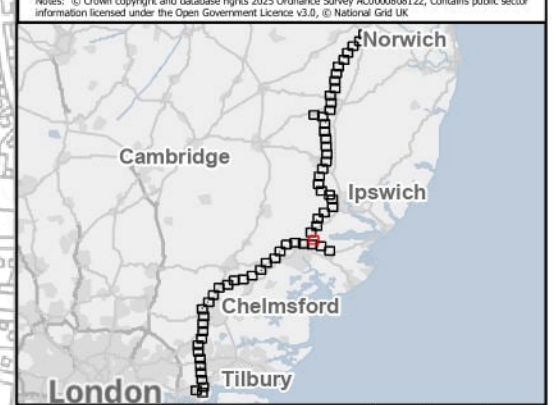
Revision:  
**B**





- Order Limits
- Sheet index outline
- Project section line
- Proposed permanent design details
- Proposed underground cable alignment
- Proposed permanent access (no physical works)
- Proposed trenchless crossing
- Proposed cable permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
- Proposed temporary design details
- Proposed underground cable construction compound
- Proposed construction laydown areas
- Proposed temporary attenuation drainage
- Proposed temporary infiltration drainage
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN pole uplifting
- Proposed outfall location
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Proposed overhead line access watercourse crossing - culvert

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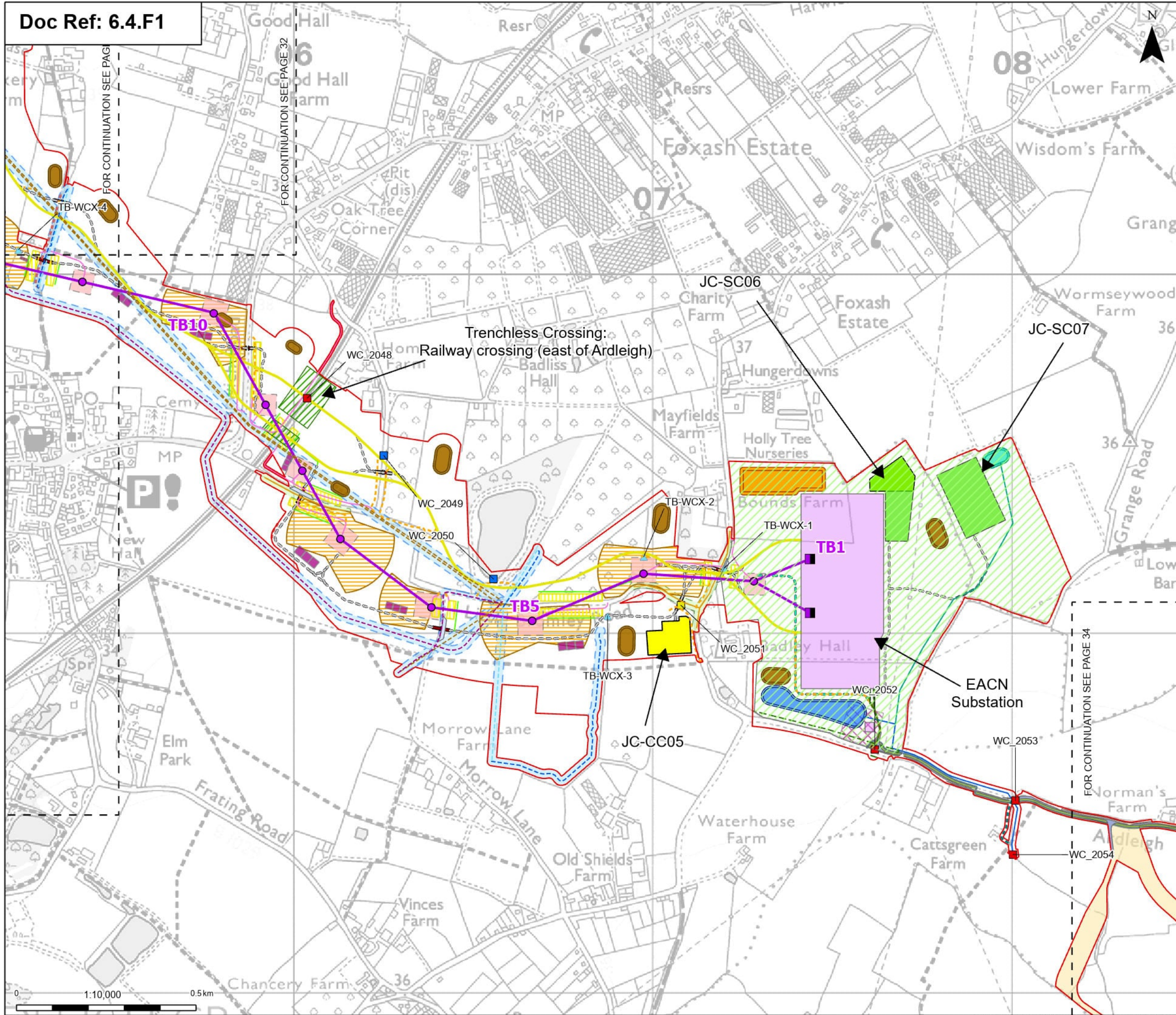
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)

Title:  
Figure 4.1 - Project Description -  
Proposed Project Design  
Sections C and D  
Page 32 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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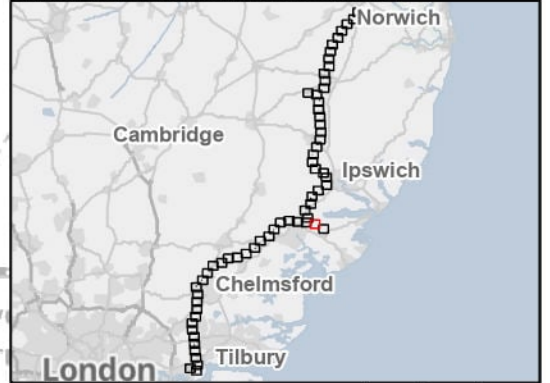
Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: B
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- Order Limits
  - Sheet index outline
  - Proposed permanent design details
    - Proposed full line tension gantry
    - Proposed standard lattice pylon location
    - Proposed overhead line alignment
    - Proposed underground cable alignment
    - Proposed permanent access (no physical works)
    - Proposed BT overhead line mitigation
    - Proposed DNO Substation
    - Proposed East Anglia Connection Node (EACN) Substation
    - Proposed trench connection
    - Proposed trenchless crossing
    - Proposed permanent attenuation drainage channel
    - Proposed permanent attenuation drainage pond
    - Proposed permanent drainage access route
    - Proposed Footway (Hatching)
    - Proposed Verge (Hatching)
    - Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
    - Proposed cable permanent access (no physical works)
    - Proposed permanent spoil bund hatch
    - Proposed Environmental Areas - Permanent
    - Proposed 11kV overhead line mitigation
    - Proposed 11kV underground cable alignment mitigation
    - Proposed 33kV overhead line mitigation
    - Proposed 33kV underground cable alignment mitigation
    - Proposed permanent road widening
    - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
  - Proposed temporary design details
    - Proposed underground cable construction compound
    - Proposed Cable Sealing End (CSE) compound/substation construction compound
    - Proposed temporary attenuation drainage
    - Proposed temporary infiltration drainage
    - Proposed overhead line construction SuDS basin
    - Proposed site access point
    - Proposed bypass haul road
    - Proposed temporary haul road
    - Proposed overhead line crossing protection access route
    - Proposed overhead line crossing protection work area
    - Proposed pylon construction work area
    - Proposed overhead line pulling location
    - Proposed UKPN overhead line mitigation work area (wood pole line)
    - Proposed UKPN pole uplifting
    - Proposed BT overhead line mitigation work area
    - Proposed concrete batching compound
    - Proposed temporary drainage access route
    - Proposed outfall location
    - Proposed highways mitigation compounds
    - Proposed EACN customers access
    - Proposed bellmouth stacking
    - Proposed PRoW diversions
    - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
    - Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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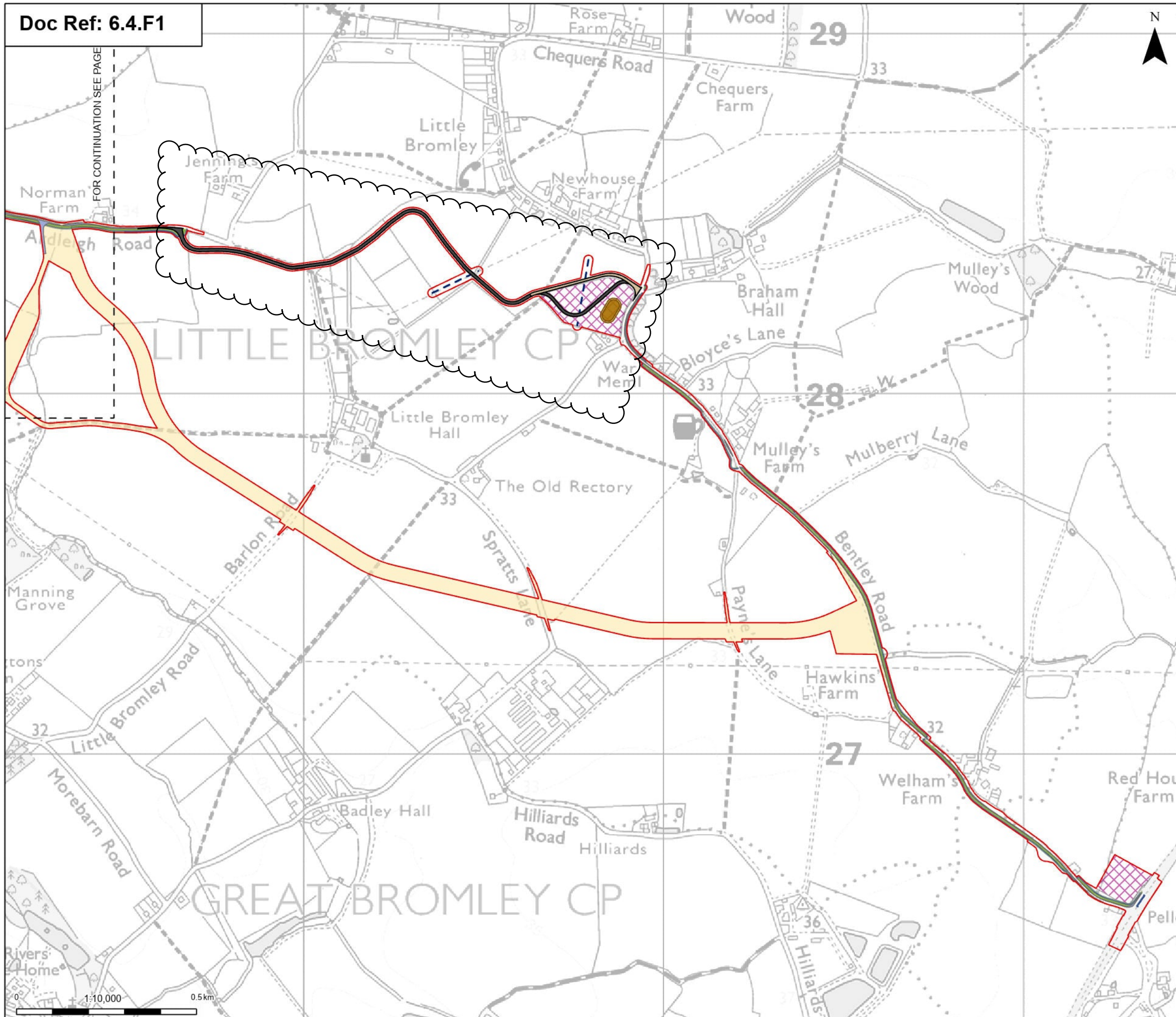
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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 33 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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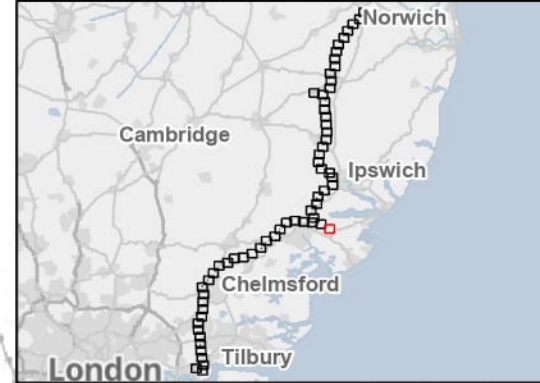
Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: B



- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed Footway (Hatching)
  - Proposed Informal Crossing Point (Hatching)
  - Proposed Verge (Hatching)
  - Proposed permanent road widening
  - Proposed permanent access road
  - Proposed permanent infiltration drainage feature
  - Proposed EACN Access UKPN Uplifting
  - Proposed temporary design details**
  - Proposed site access point
  - Proposed highways mitigation compounds
  - Proposed EACN customers access
  - Proposed PRoW diversions
  - Proposed EACN access temporary haul road
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

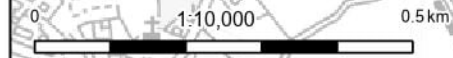
PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

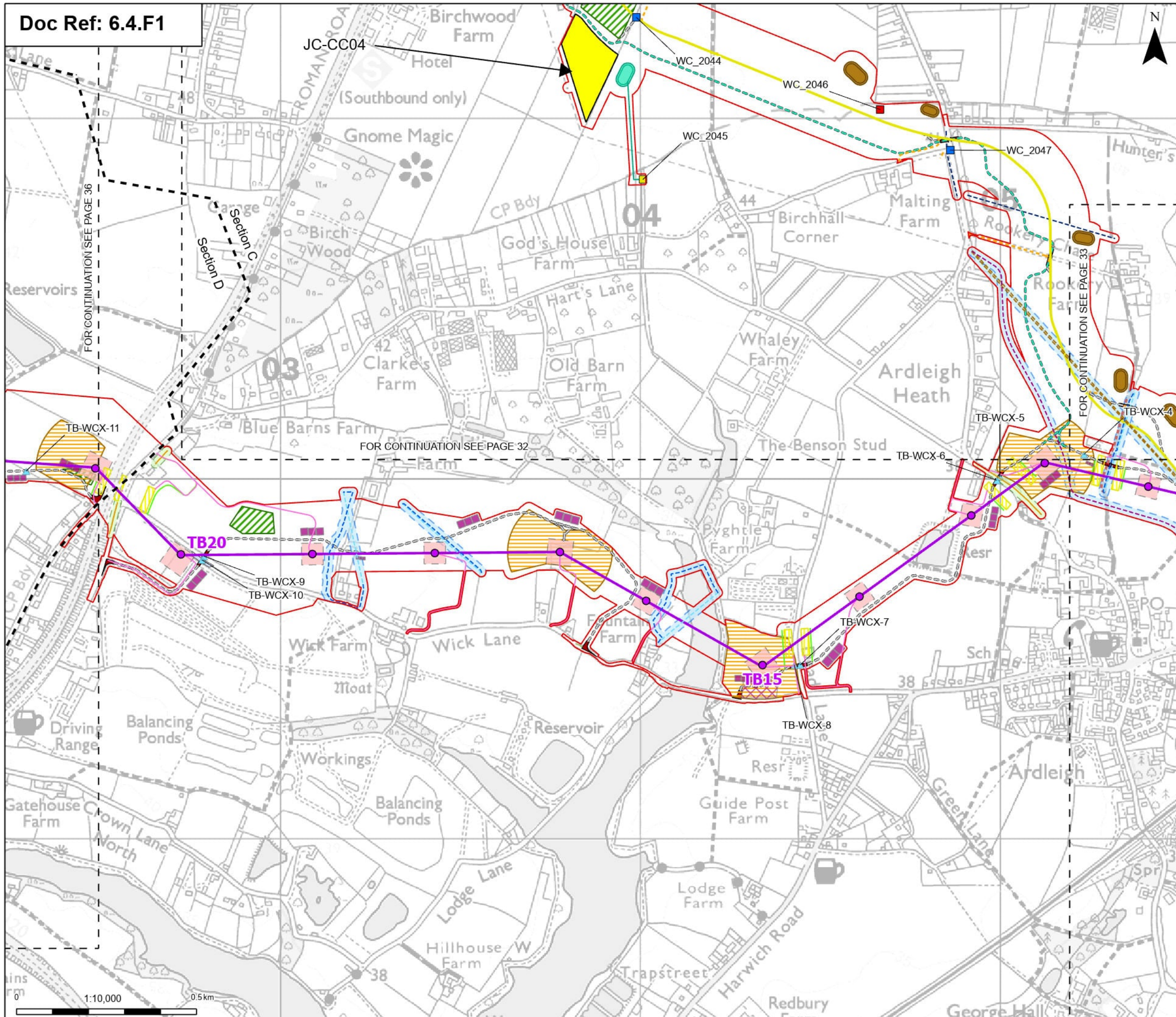
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section C**  
 Page 34 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: **B**

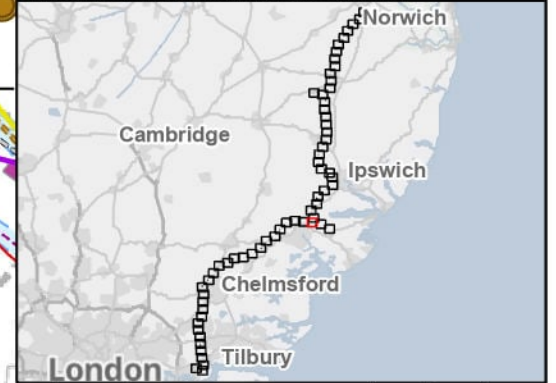




- Order Limits
- Sheet index outline
- Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed Verge (Hatching)
- Proposed cable permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed underground cable/CSE compound/substation/outfall
- Proposed underground cable/CSE compound/substation/outfall
- Proposed temporary design details
- Proposed underground cable construction compound
- Proposed construction laydown areas
- Proposed temporary attenuation drainage
- Proposed temporary infiltration drainage
- Proposed overhead line construction
- SuDS basin
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN pole uplifting
- Proposed BT overhead line mitigation work area
- Proposed outfall location
- Proposed highways mitigation compounds
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed underground cable/CSE compound/substation/outfall
- Proposed underground cable/CSE compound/substation/outfall
- Proposed overhead line access watercourse crossing - culvert

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



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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

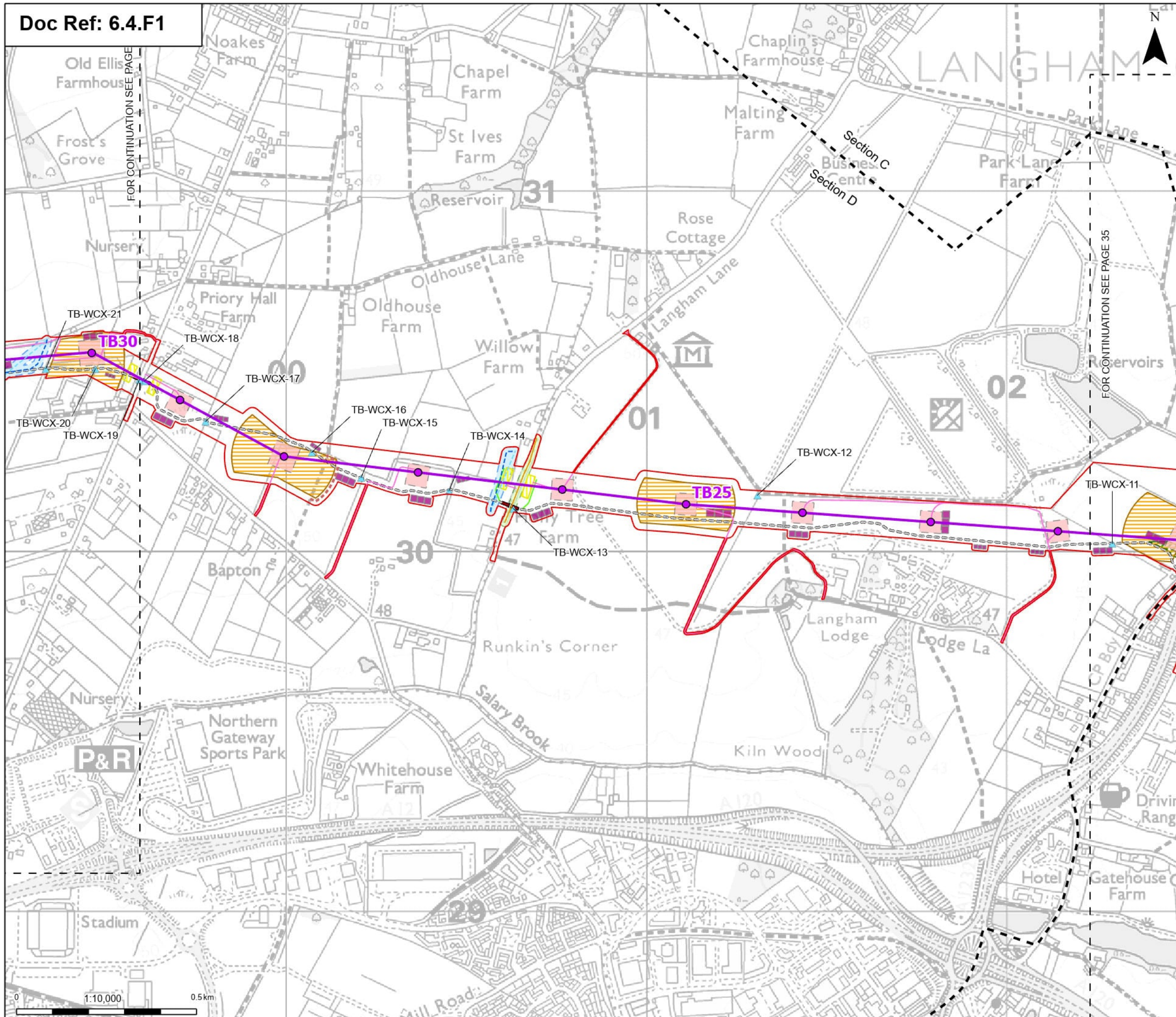
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections C and D**  
 Page 35 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

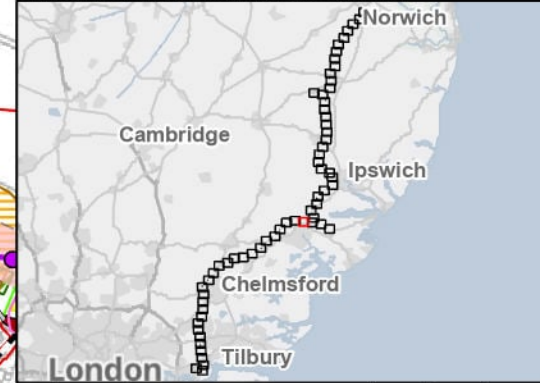
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Project section line
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - - - Proposed PrOW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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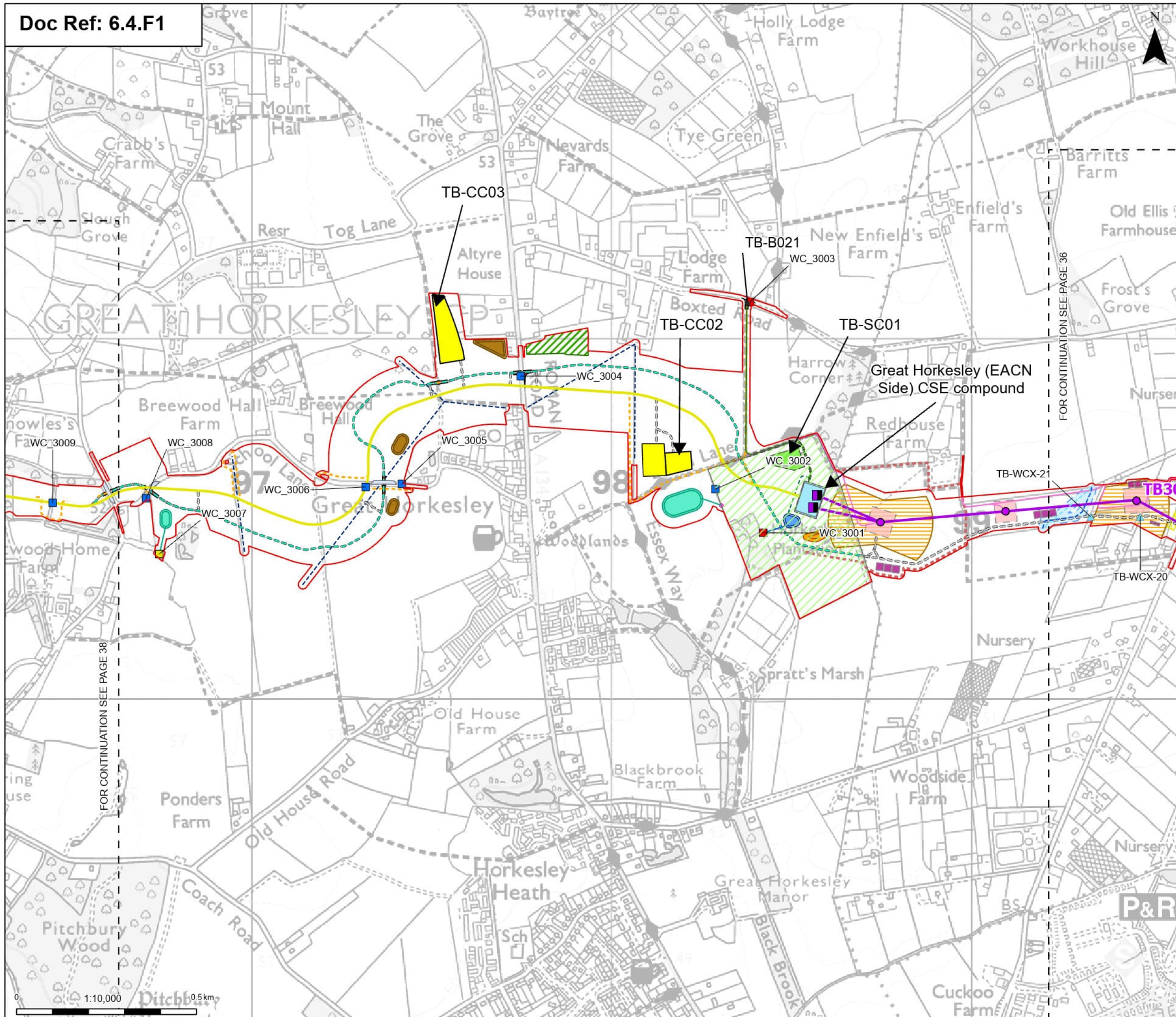
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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections C and D**  
 Page 36 of 63

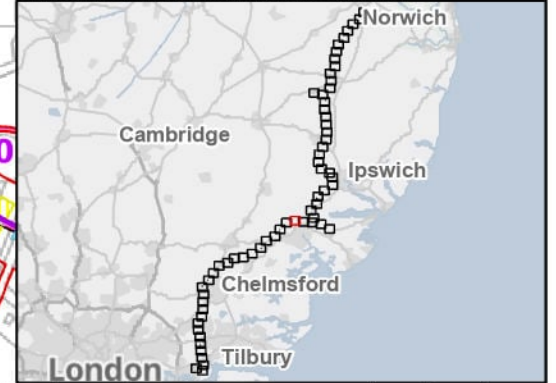
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision:  
**B**



- Proposed permanent design details**
- Proposed full line tension gantry
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed underground cable alignment
  - Proposed permanent access (no physical works)
  - Proposed cable sealing end (CSE) compound
  - Proposed permanent attenuation drainage channel
  - Proposed permanent attenuation drainage pond
  - Proposed permanent drainage access route
  - Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
  - Proposed cable permanent access (no physical works)
  - Proposed permanent spoil bund hatch
  - Proposed Environmental Areas - Permanent
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed permanent site access points
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
- Proposed temporary design details**
- Proposed underground cable construction compound
  - Proposed Cable Sealing End (CSE) compound/substation construction compound
  - Proposed construction laydown areas
  - Proposed temporary attenuation drainage
  - Proposed temporary infiltration drainage
  - Proposed temporary line construction SuDS basin
  - Proposed site access point
  - Proposed bypass haul road
  - Proposed temporary haul road
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed UKPN pole uplifting
  - Proposed concrete batching compound
  - Proposed outfall location
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
  - Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

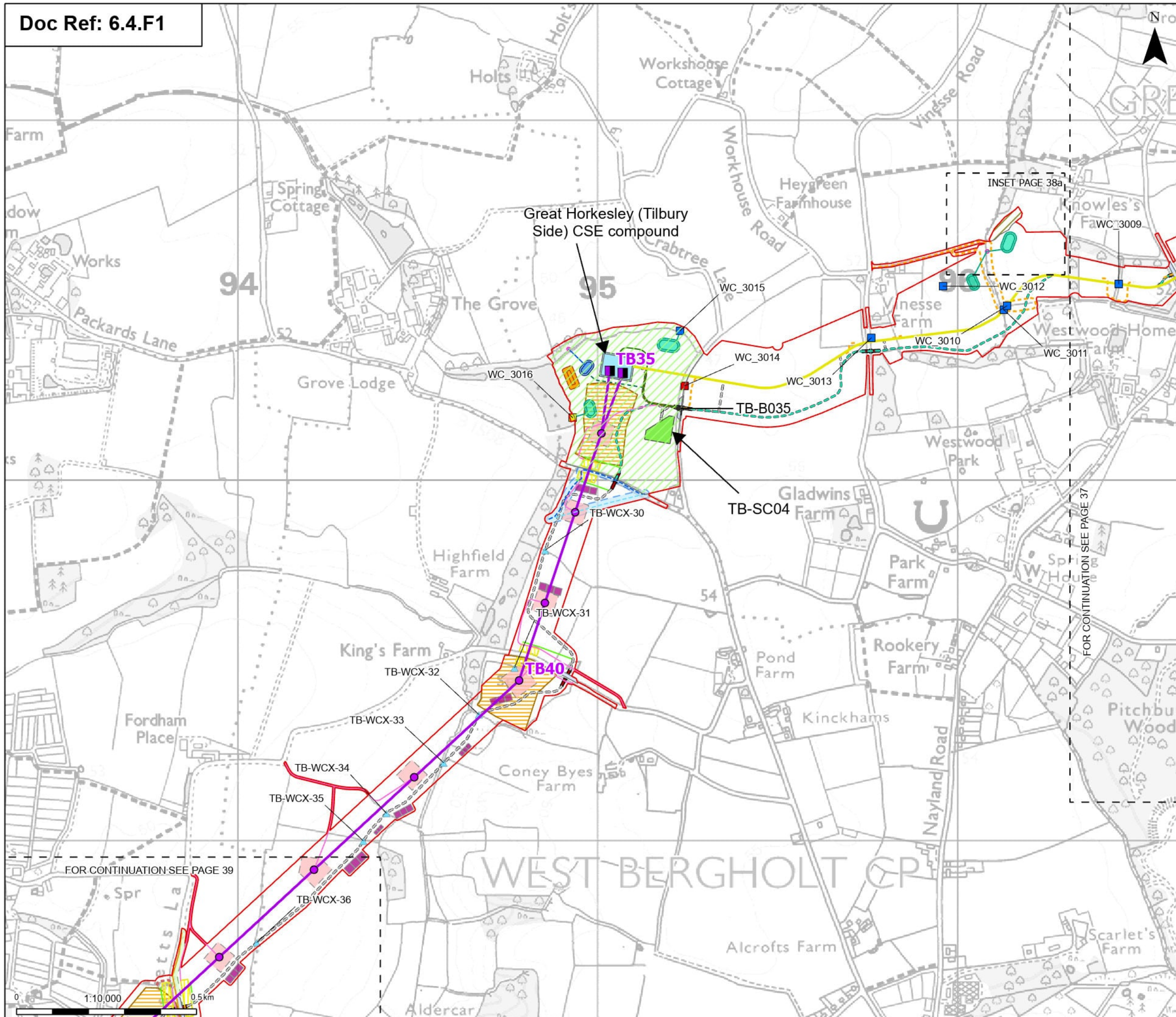
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 37 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



**Proposed permanent design details**

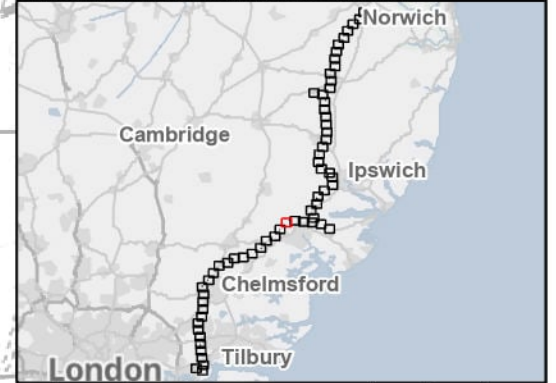
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed cable sealing end (CSE) compound
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed permanent drainage access route
- Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
- Proposed cable permanent access (no physical works)
- Proposed permanent spoil bund hatch
- Proposed Environmental Areas - Permanent
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed permanent site access points
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent

**Proposed temporary design details**

- Proposed Cable Sealing End (CSE) compound/substation construction compound
- Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed outfall location
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Proposed overhead line access watercourse crossing - culvert

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

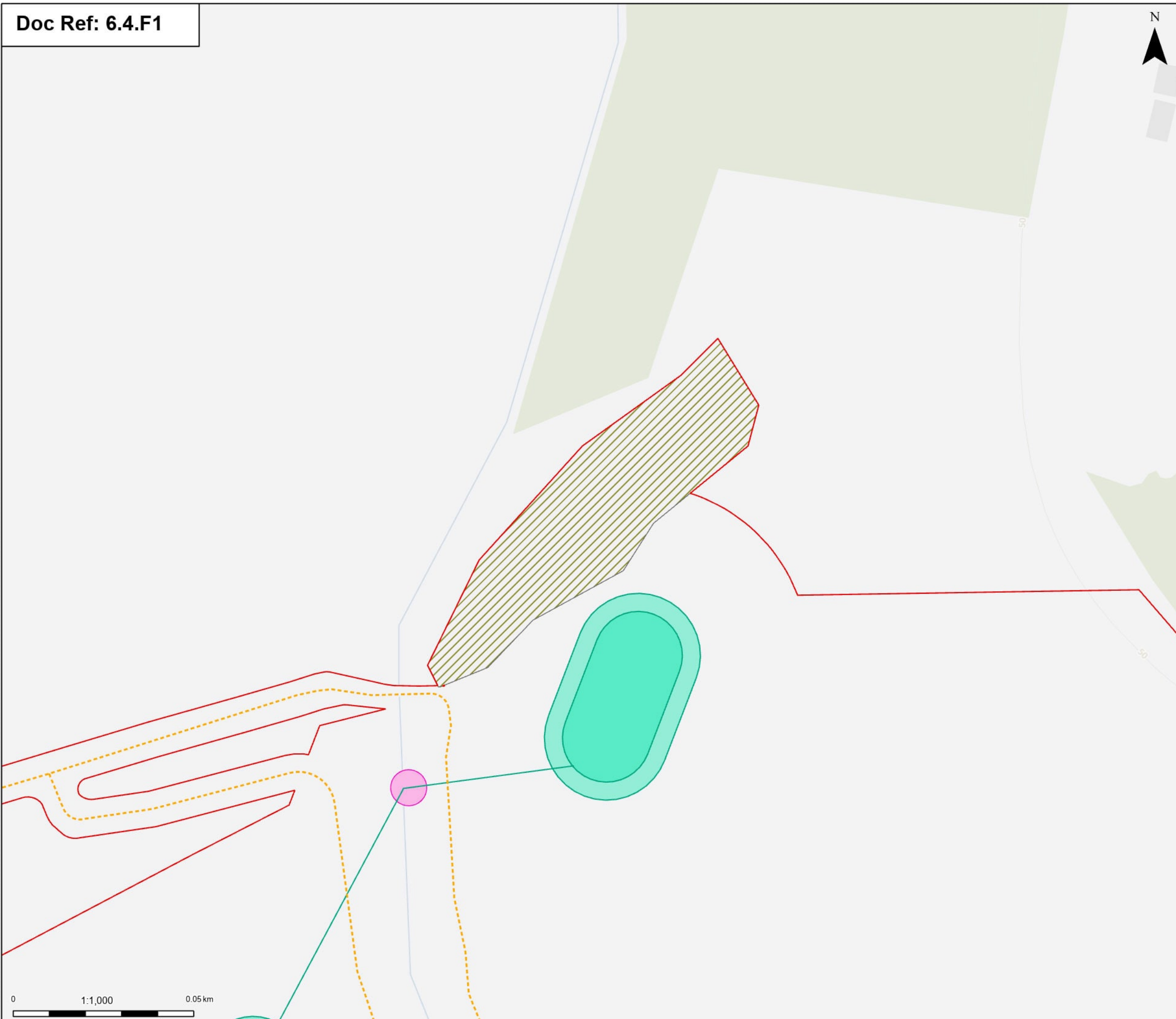
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 38 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

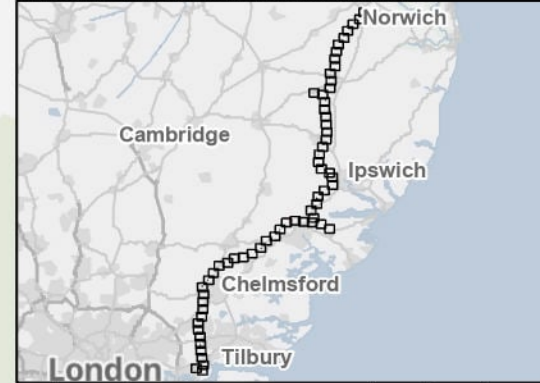
Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: B



- Order Limits
  - Proposed permanent design details  
(Proposed cable permanent access (no physical works))
  - Proposed temporary design details  
(Proposed temporary attenuation drainage)
  - Proposed outfall location
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

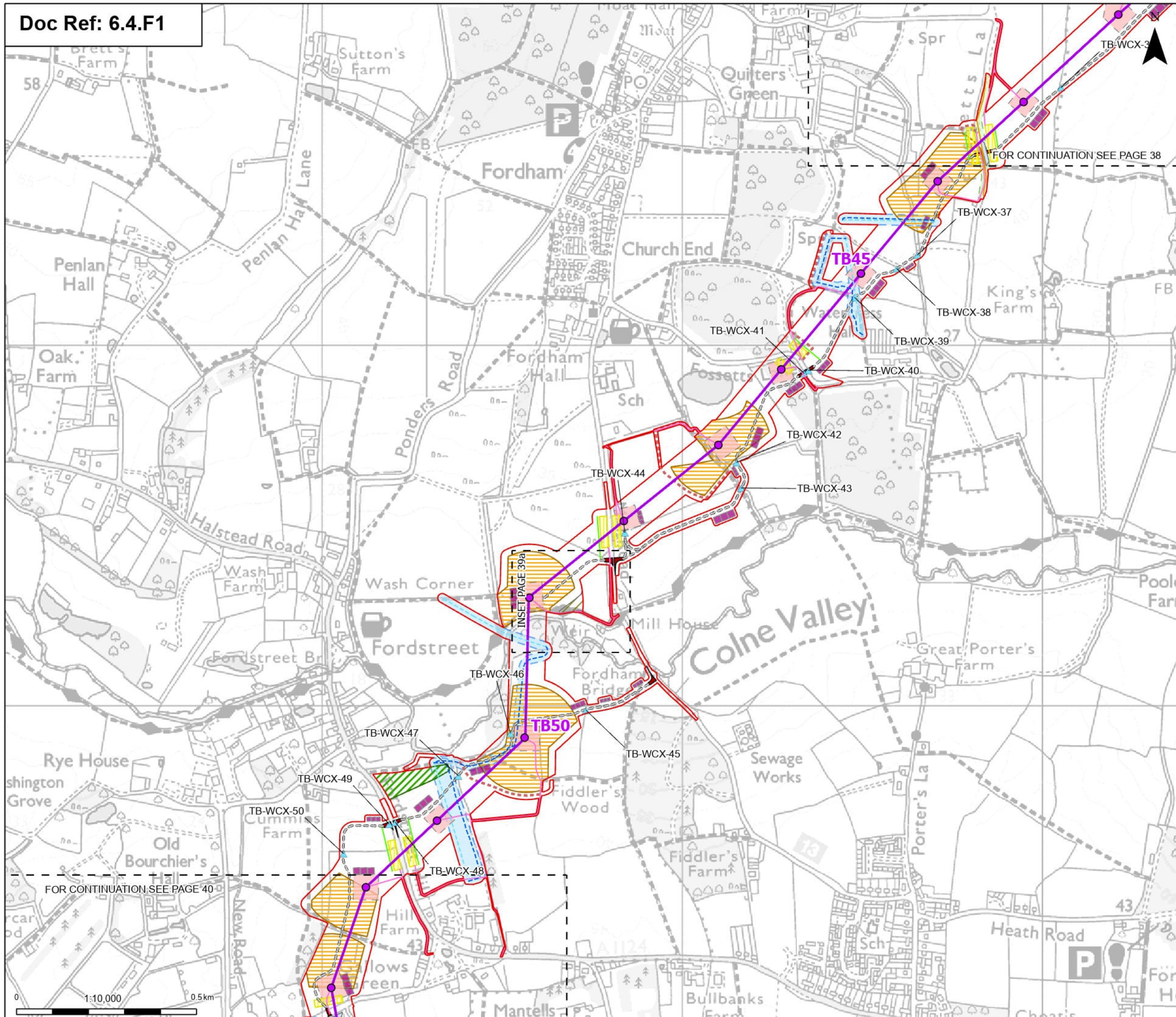
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 38a of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206 Revision: **B**





**Order Limits**

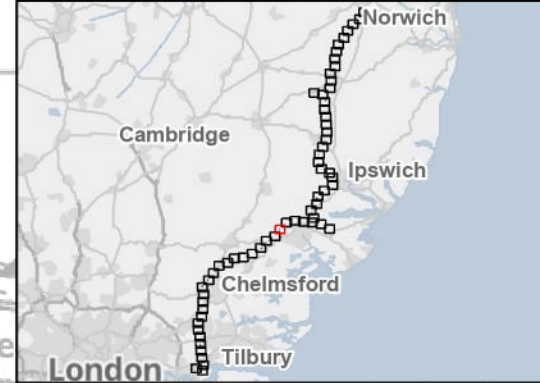
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert

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

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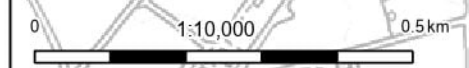
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

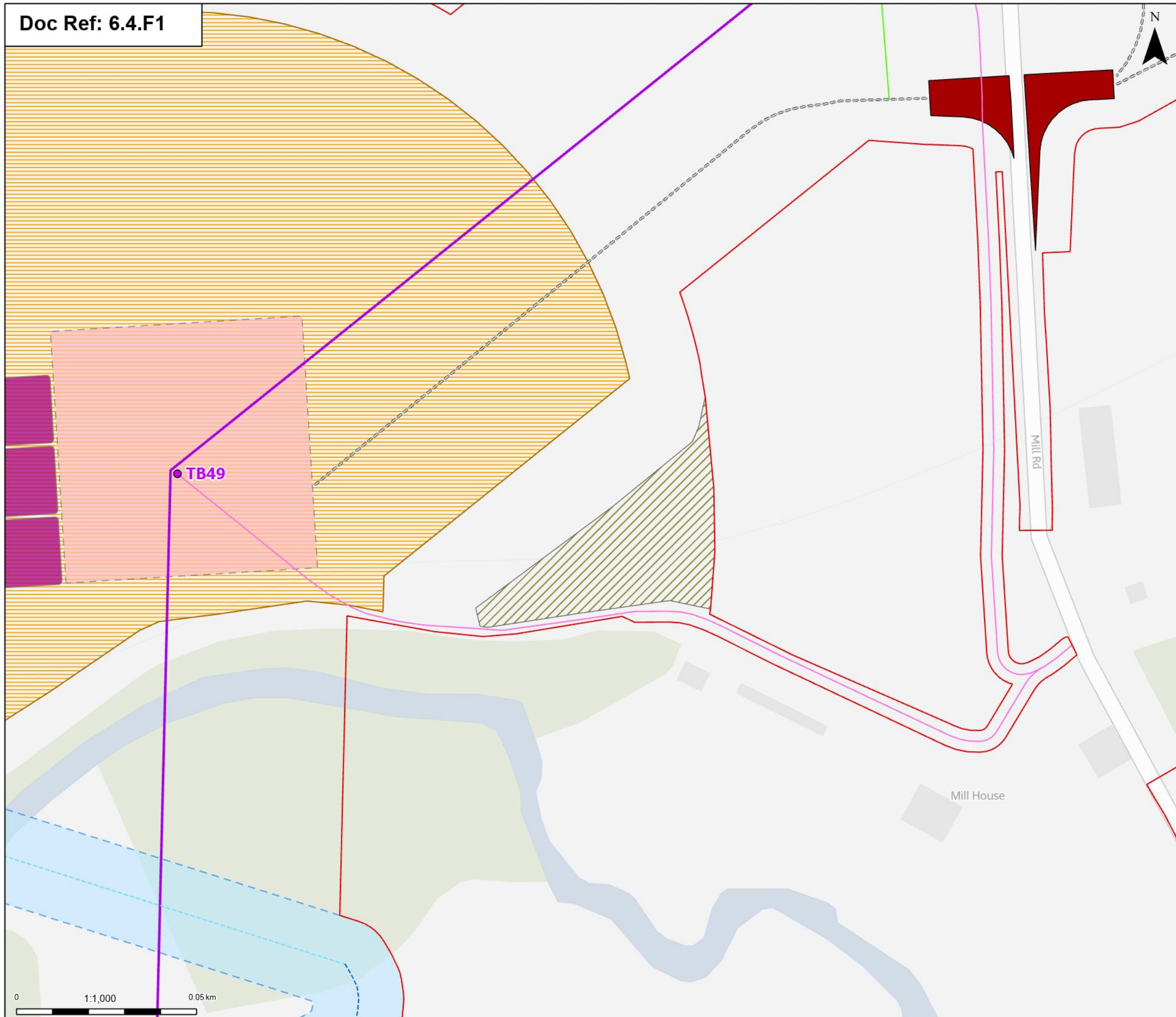
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 39 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

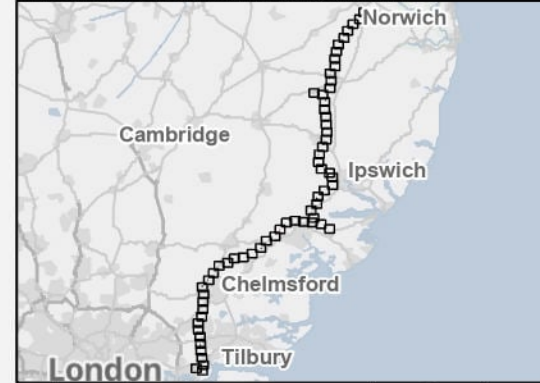
Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
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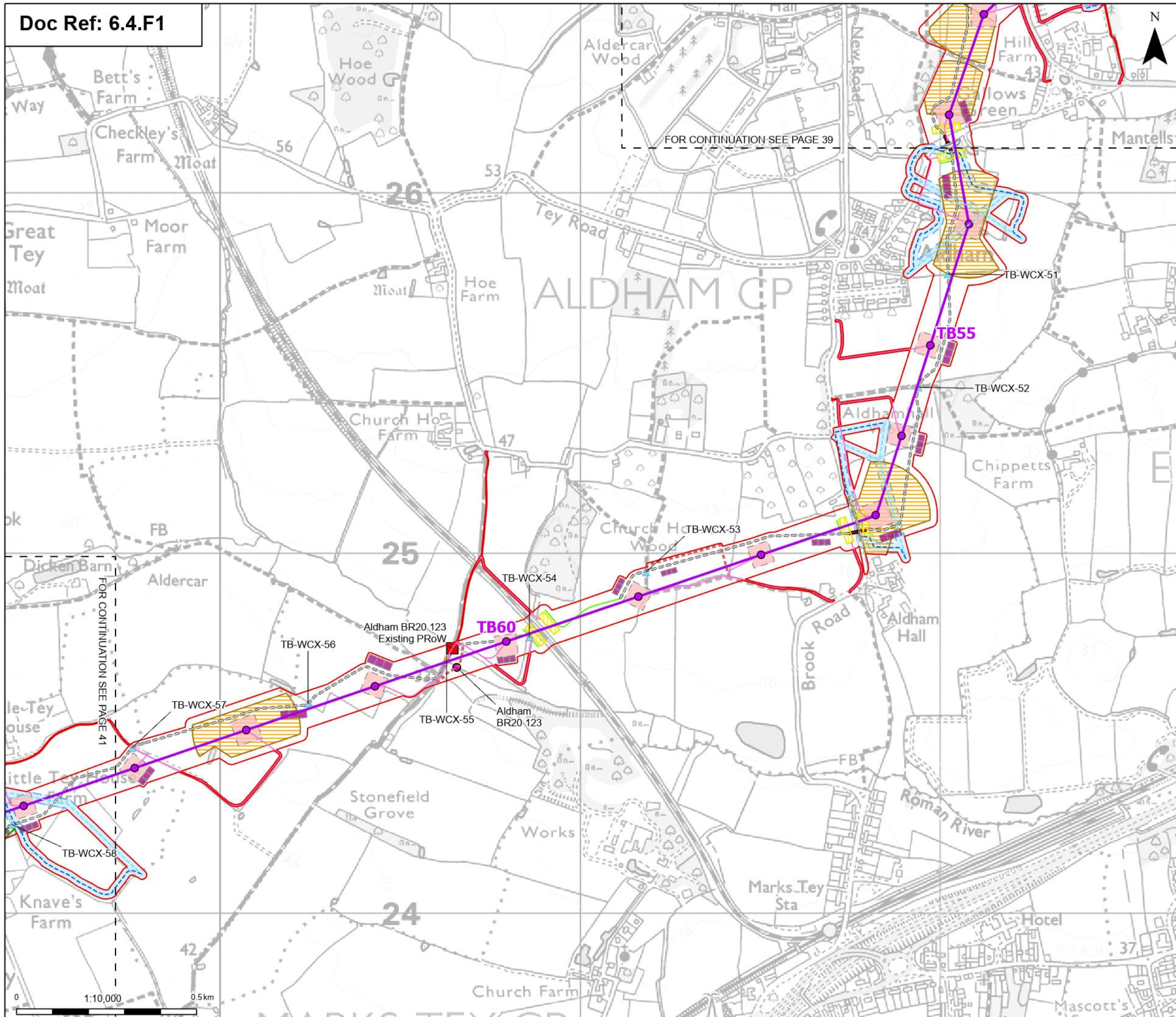
Planning Inspectorate App Number: EN020027  
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Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 39a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	Datum:	AOD
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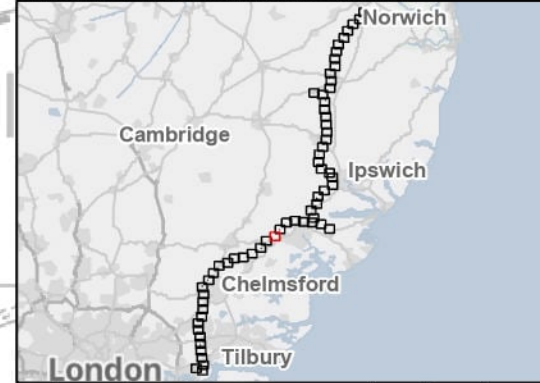
Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed LV overhead line
  - Proposed LV proposed underground cable alignment
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - ▲ Proposed overhead line access watercourse crossing - bridge
  - Proposed PRoW temporary diversions - watercourse crossings
  - Proposed PRoW temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

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Planning Inspectorate App Number: EN020027  
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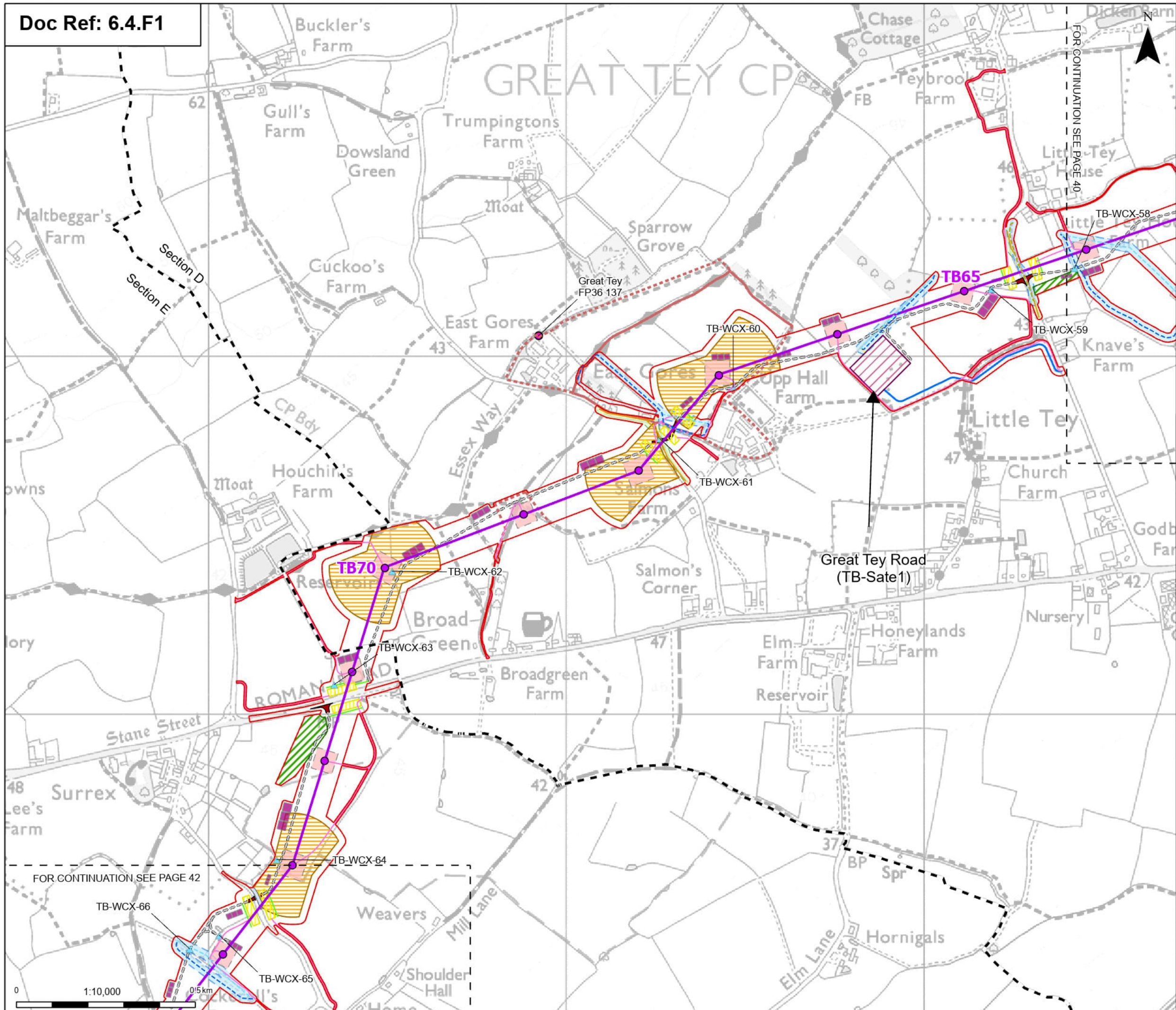
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section D**  
 Page 40 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

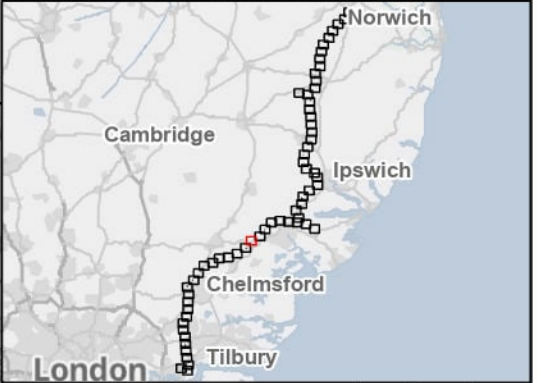
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
- - - Sheet index outline
- - - Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed LV overhead line
- Proposed LV proposed underground cable alignment
- Proposed temporary design details
- Proposed satellite construction compound
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Proposed PRoW temporary diversion - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
nationalgrid Norwich to Tilbury

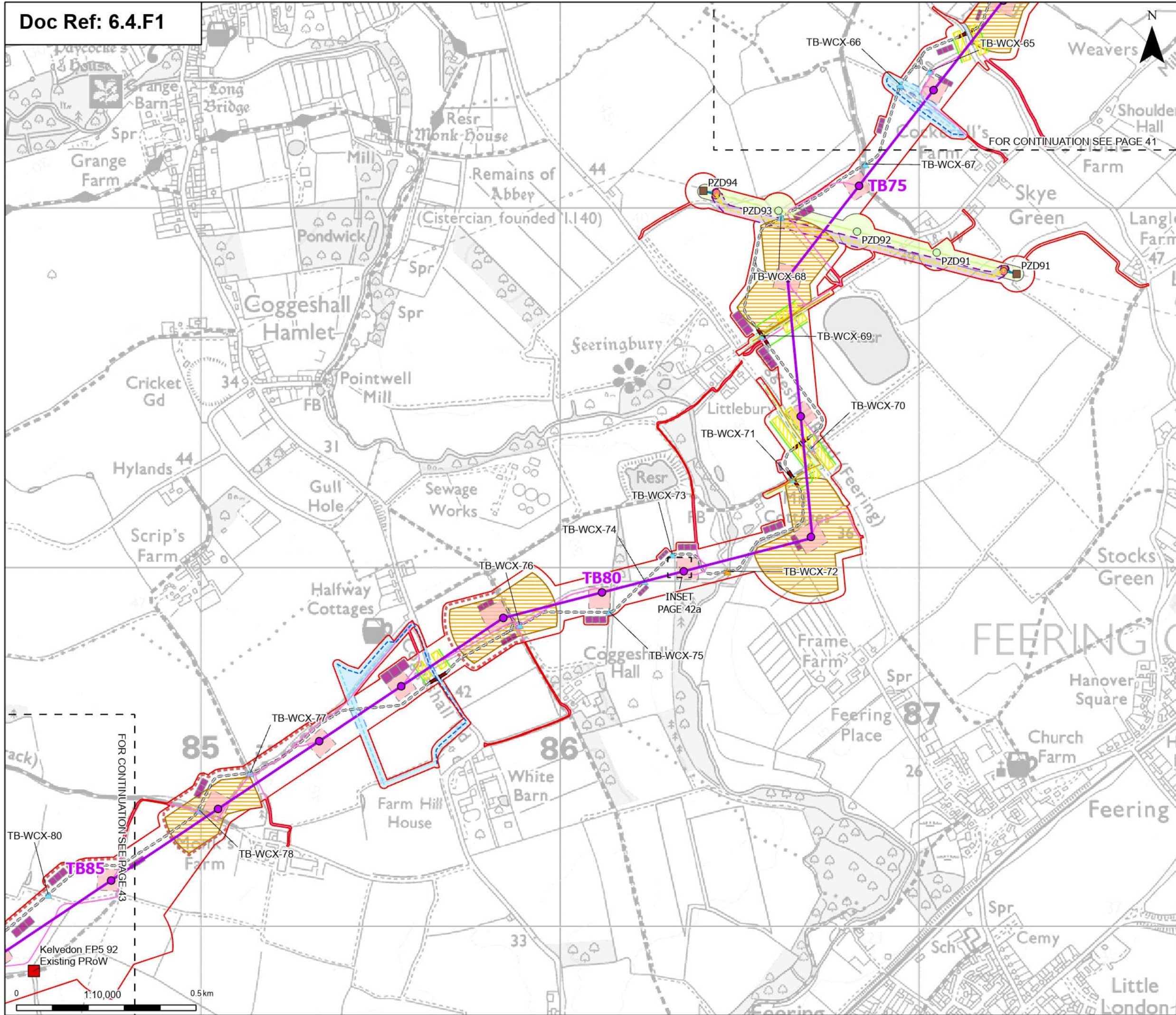
Planning Inspectorate App Number: EN020027  
Regulation 5(2)(a)

Title:  
Figure 4.1 - Project Description -  
Proposed Project Design  
Sections D and E  
Page 41 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

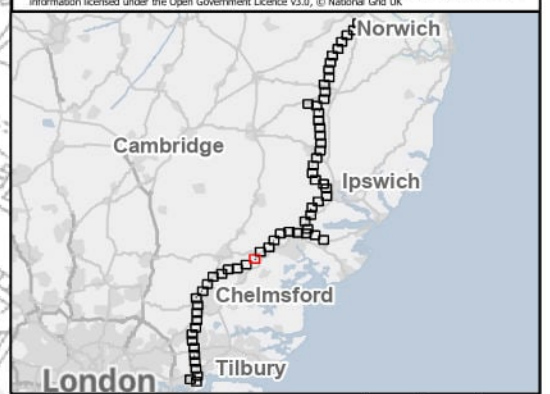
Suitability Description:  
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: B
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- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line new H pole
- Proposed UKPN dismantle centreline
- Proposed UKPN New Centreline
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed overhead line construction
- SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- ▲ Proposed overhead line access watercourse crossing - culvert
- ▲ Proposed overhead line access watercourse crossing - bridge
- ▲ Proposed PRoW temporary stopped up - watercourse crossings

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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section E**  
 Page 42 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

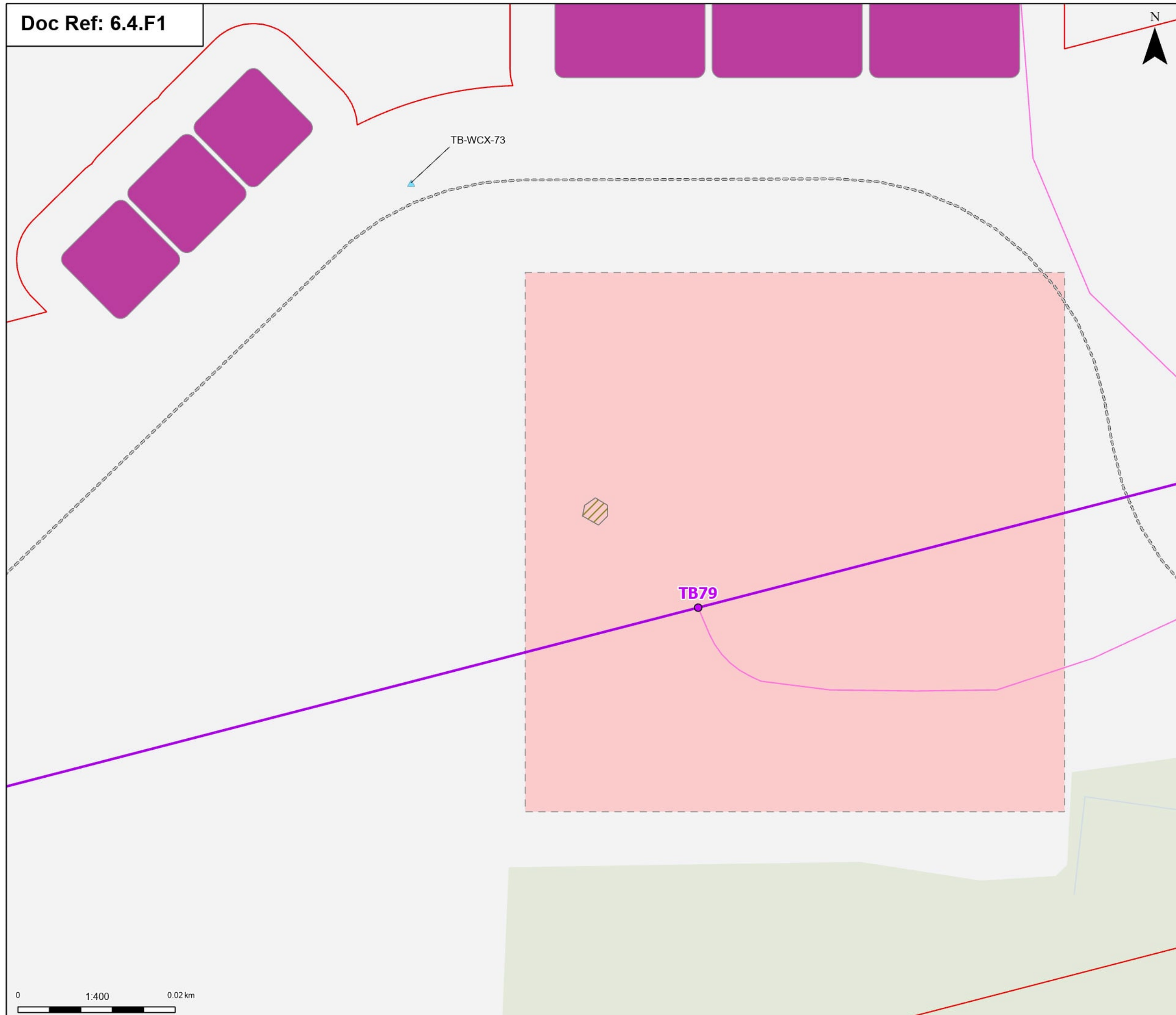
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
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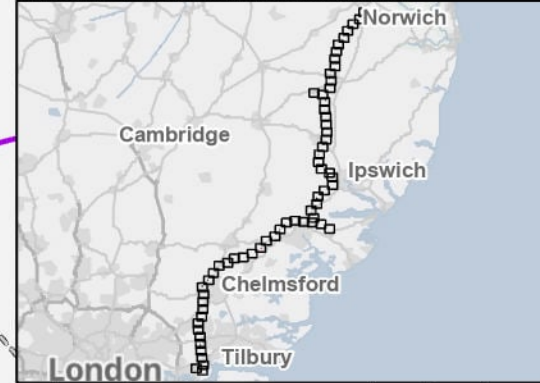
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

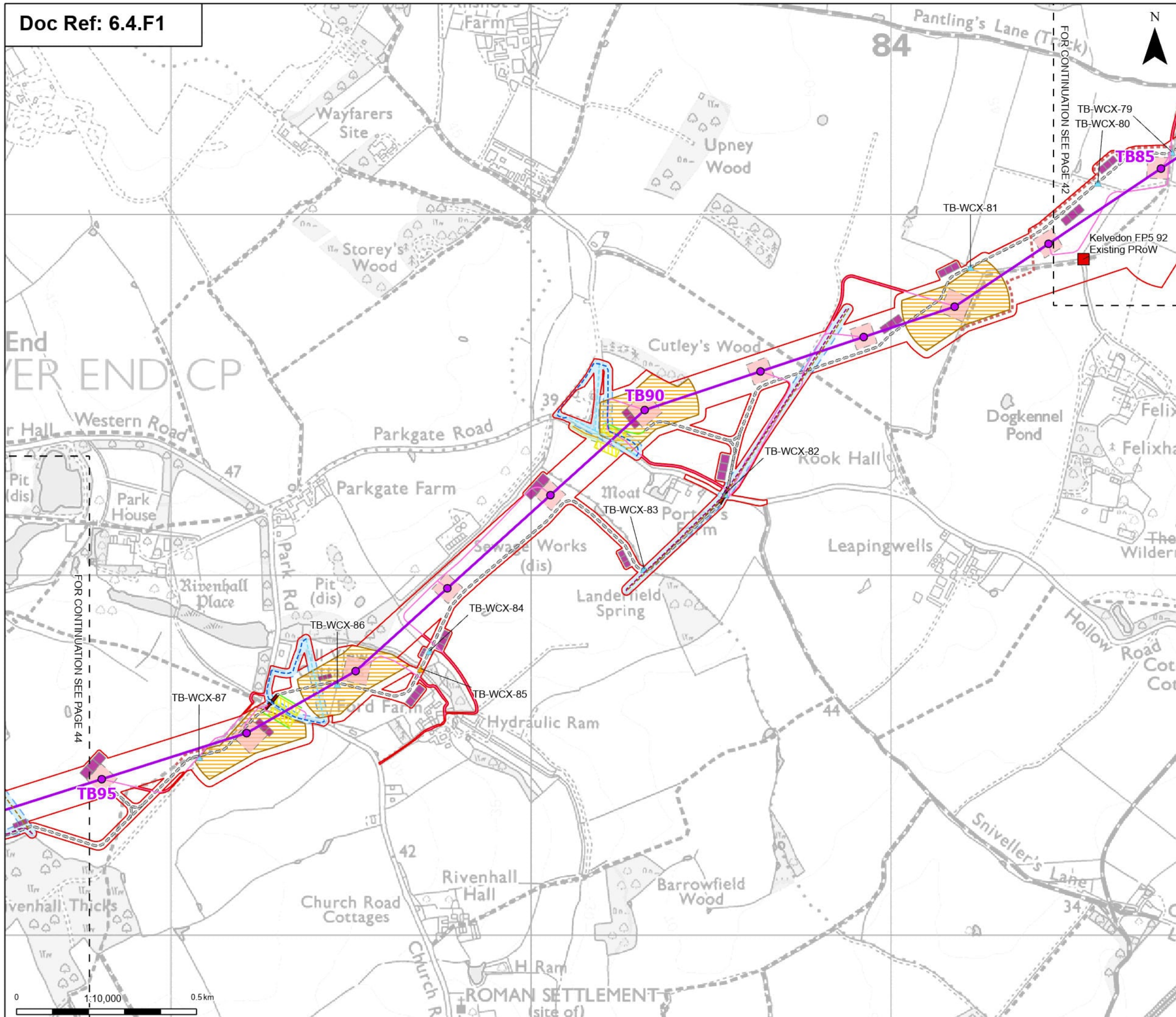
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section E**  
 Page 42a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**

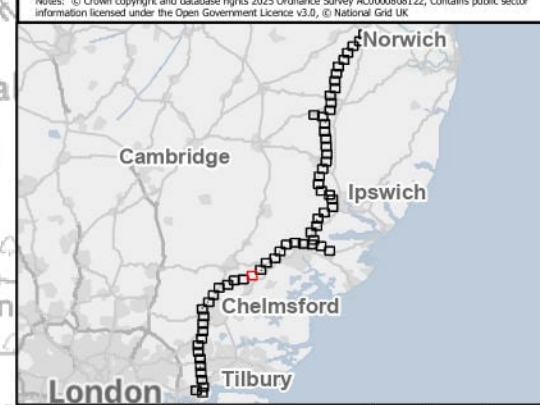


**Order Limits**

- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed temporary design details
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Proposed PRoW temporary stopped up - watercourse crossings

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

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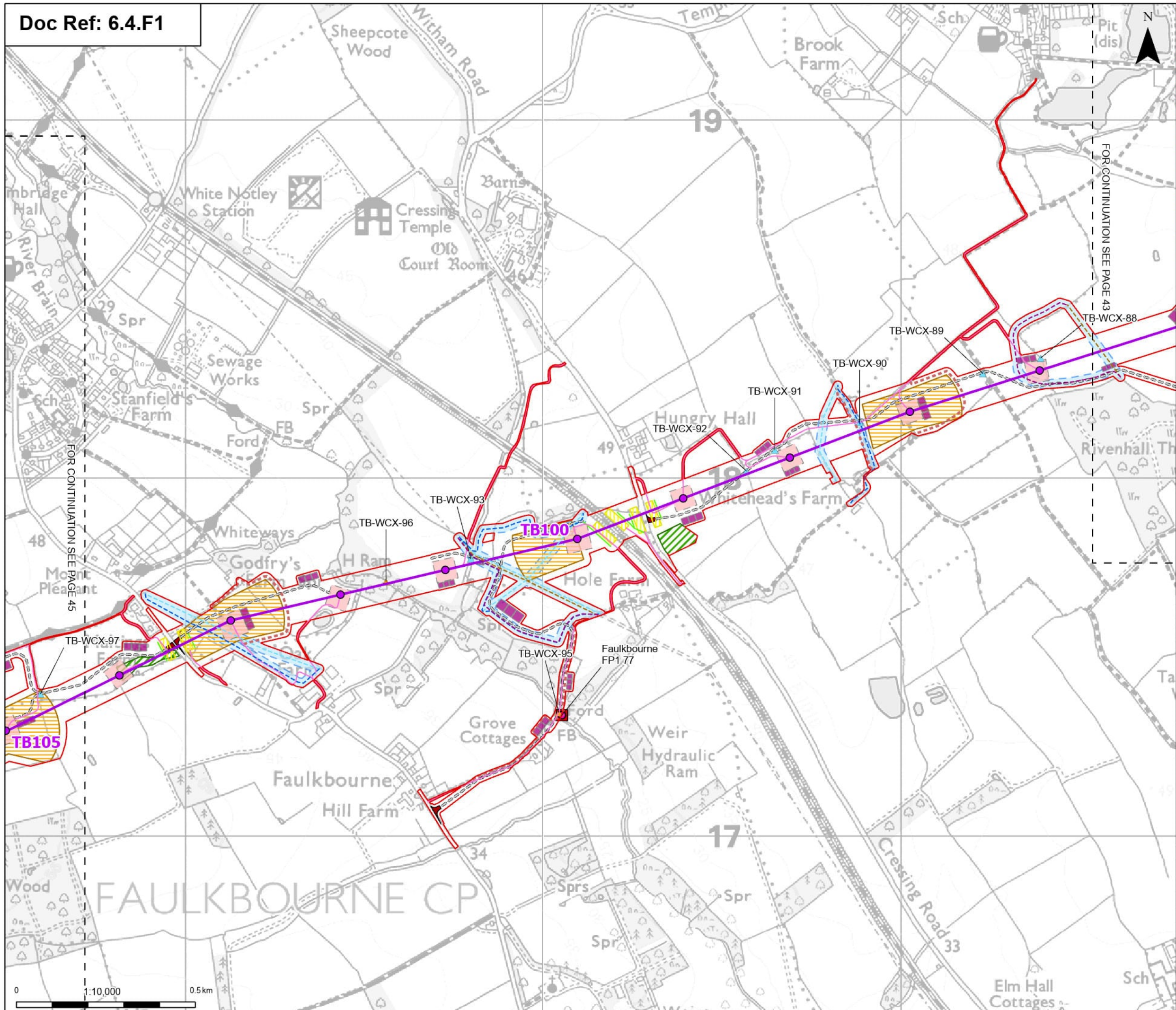
Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

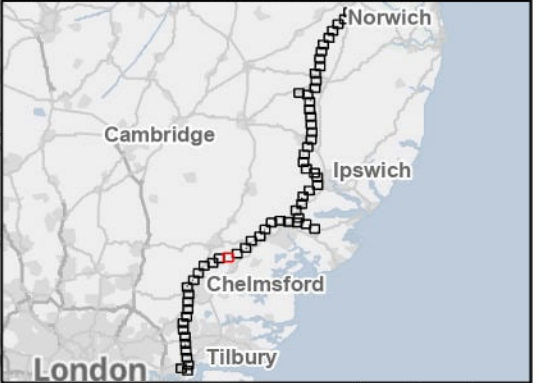
Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section E  
 Page 43 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B



- Order Limits
  - Sheet index outline
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed 33kV overhead line mitigation
  - Proposed 33kV underground cable alignment mitigation
  - Proposed temporary design details
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed PRoW diversions
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - bridge
  - Proposed PRoW temporary diversions - watercourse crossings
  - Proposed PRoW temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section E**  
 Page 44 of 63

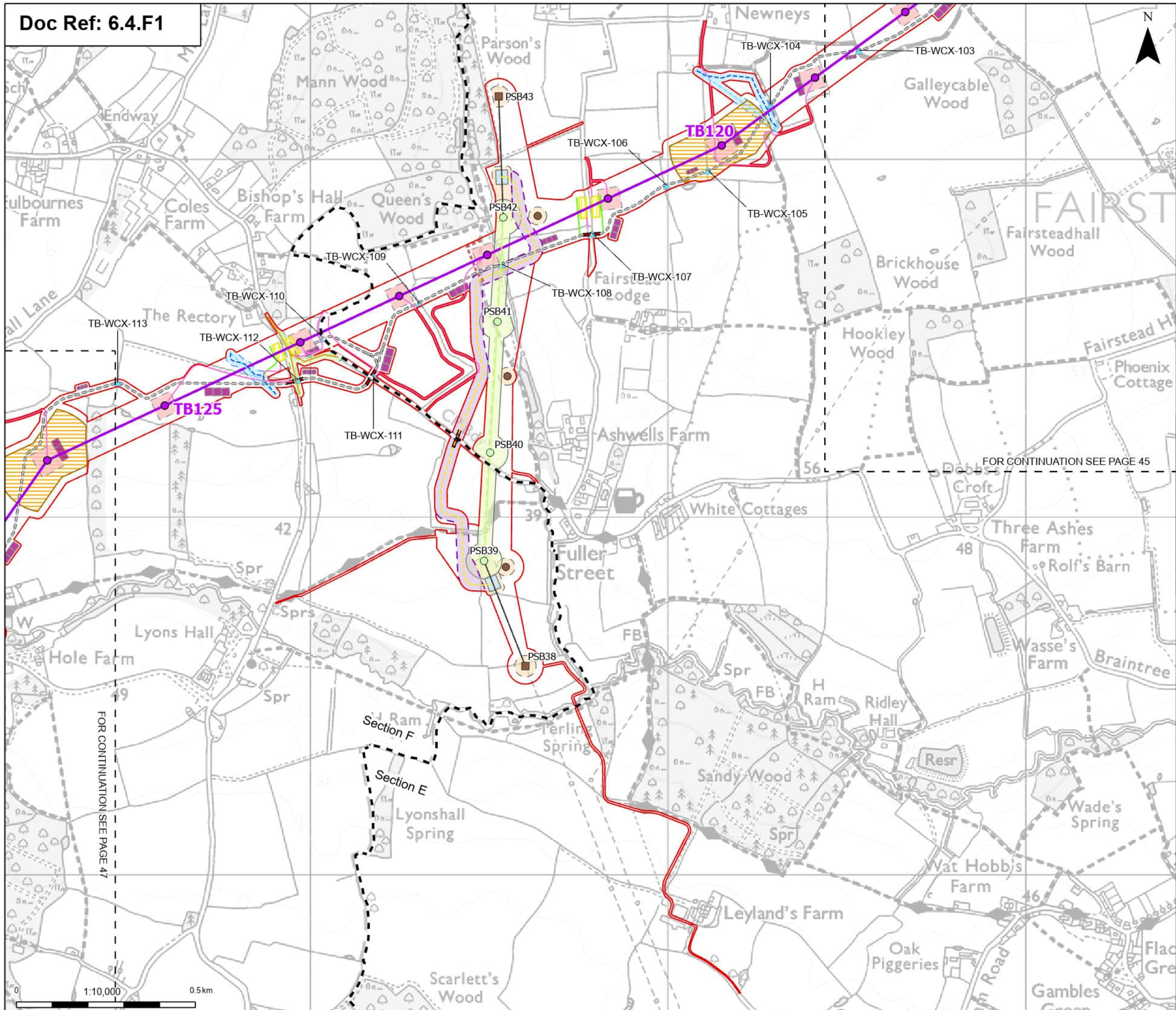
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

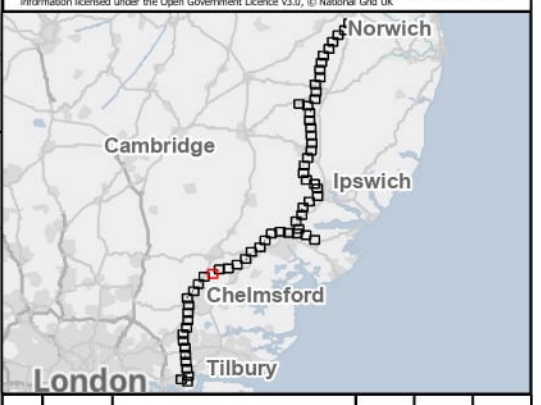
Revision:  
**B**





- Order Limits
- Sheet index outline
- Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline (modified)
- Proposed UKPN cable centreline
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed UKPN tower overhead line mitigation work area
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
nationalgrid Norwich to Tilbury

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

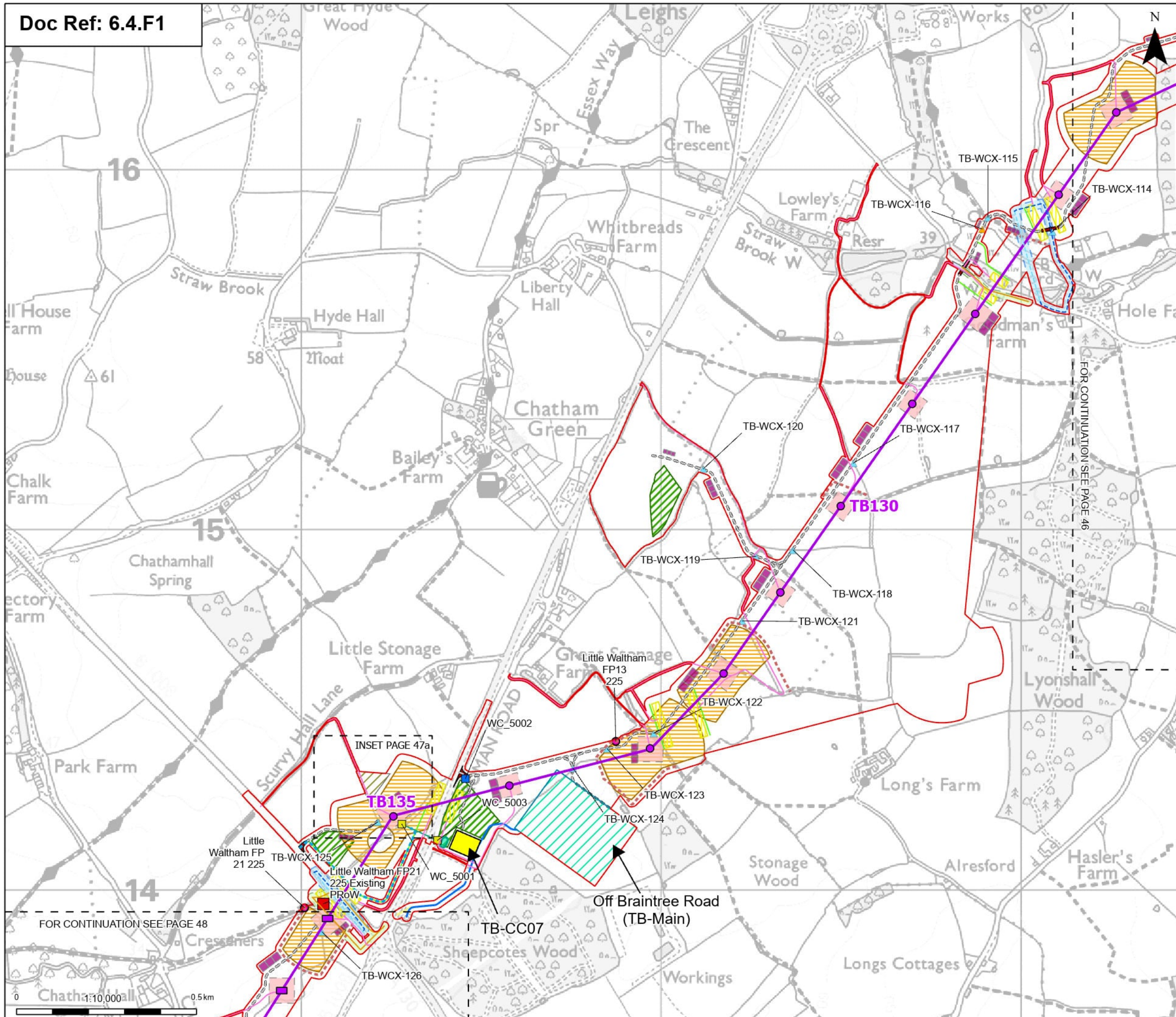
Title:  
Figure 4.1 - Project Description - Proposed Project Design Sections E and F  
Page 46 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
B



**Proposed permanent design details**

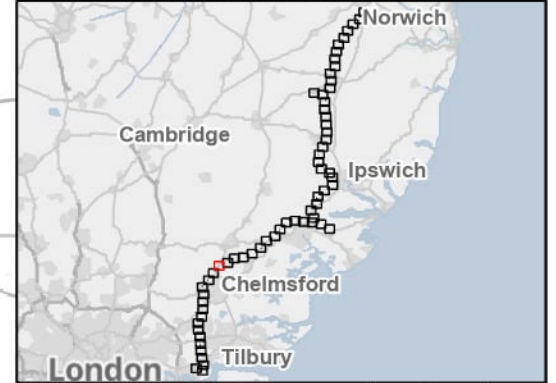
- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary and permanent
- Proposed temporary haul road
- Proposed overhead line crossing protection access route

**Proposed temporary design details**

- Proposed main construction compound
- Proposed underground cable construction compound
- Proposed construction laydown areas
- Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed temporary drainage access route
- Proposed outfall location
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Proposed PRoW temporary diversion - watercourse crossings
- Proposed PRoW temporary stopped up - watercourse crossings

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

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 47 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

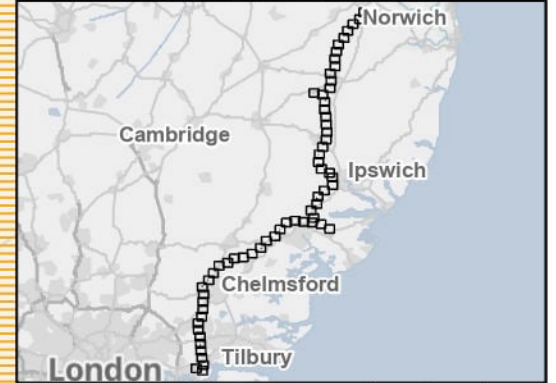
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed temporary drainage access route
  - Proposed outfall location
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed underground cable/CSE compound/substation/outfall
  - watercourse crossing - temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

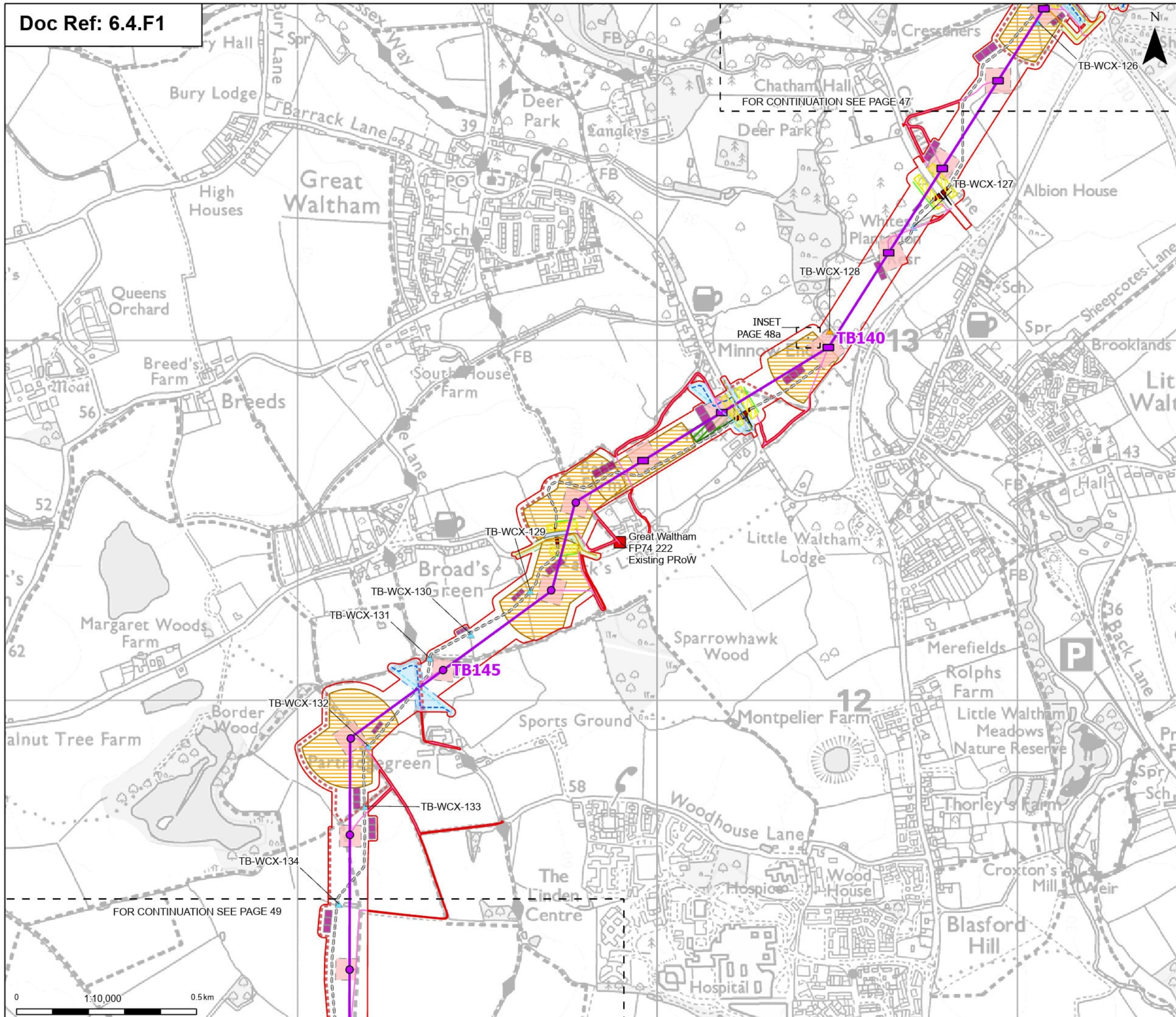
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 47a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

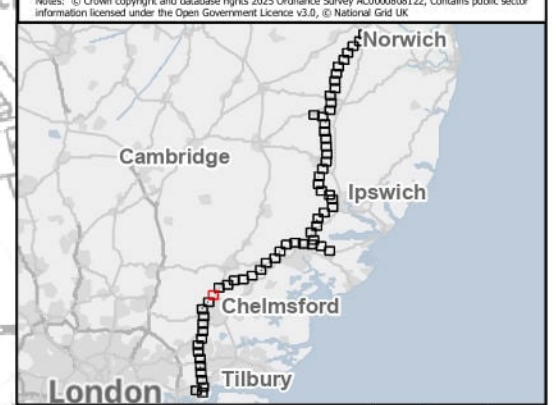
Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed LV overhead line
- Proposed LV proposed underground cable alignment
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed bellmouth stacking
- Proposed PRow diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Proposed PRow temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 48 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

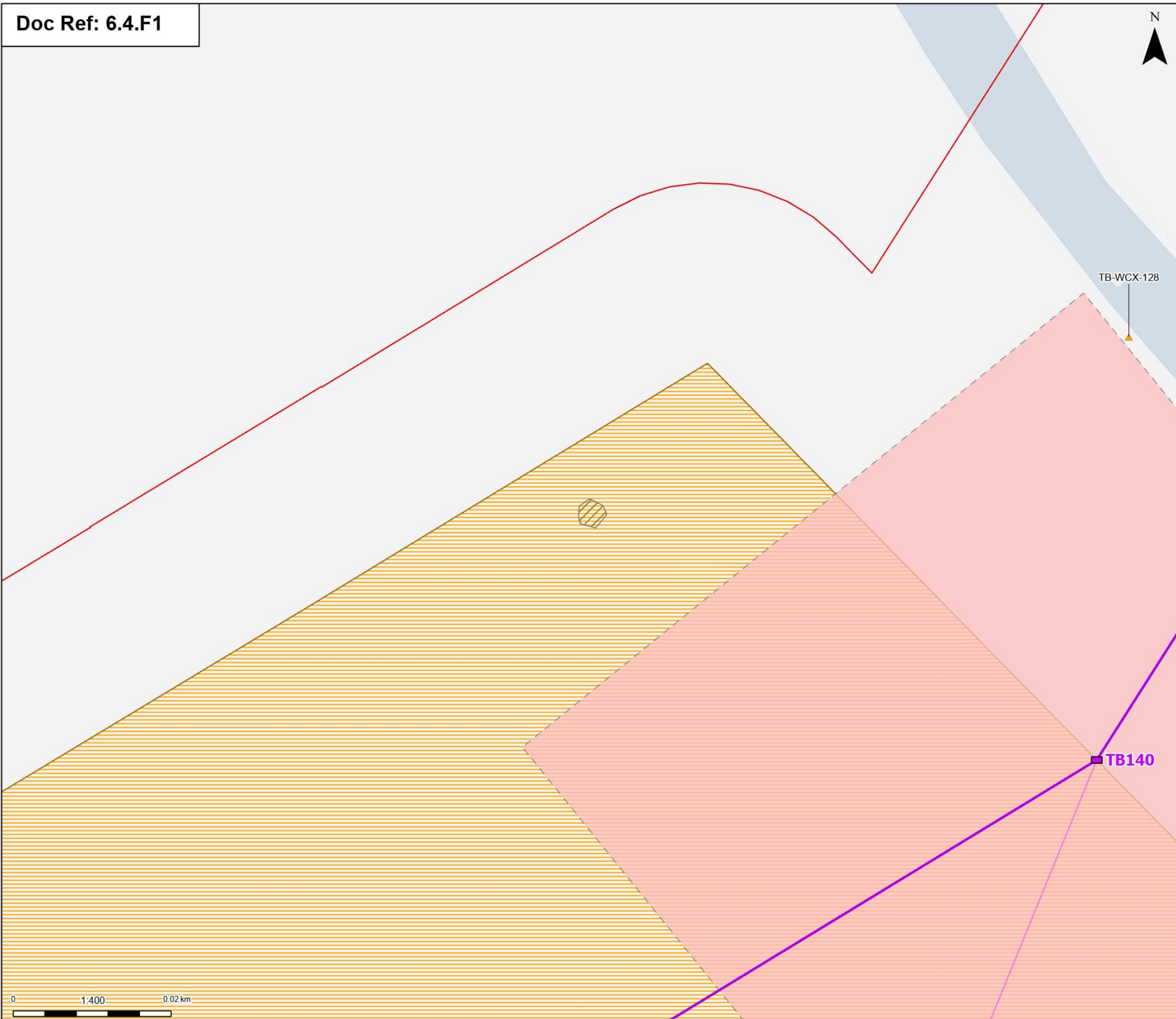
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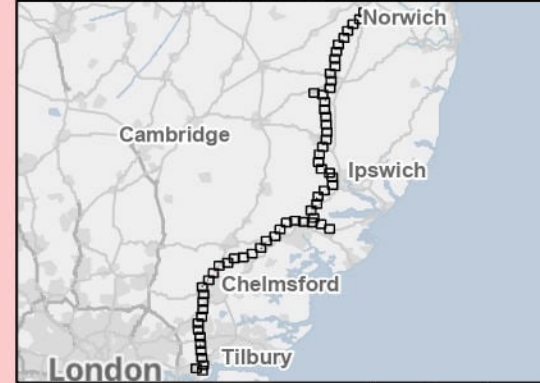
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed low height pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 48a of 63

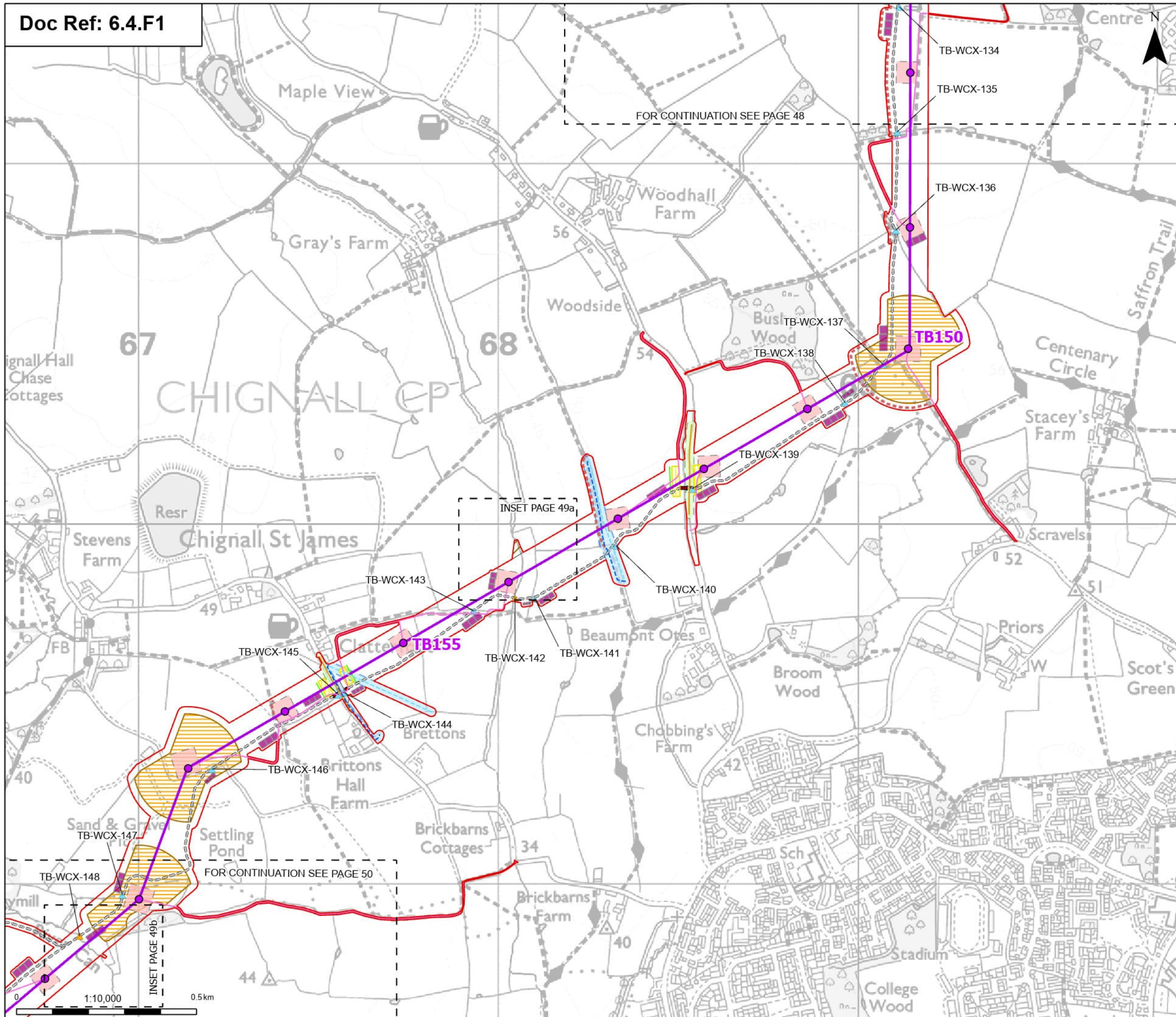
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



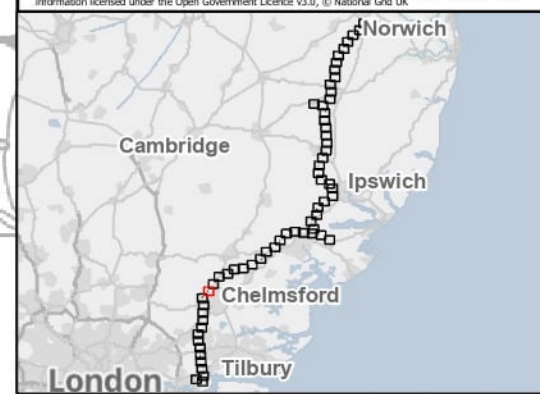


**Legend**

- Order Limits
- Sheet index outline
- Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
- Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed bellmouth stacking
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - bridge

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

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 49 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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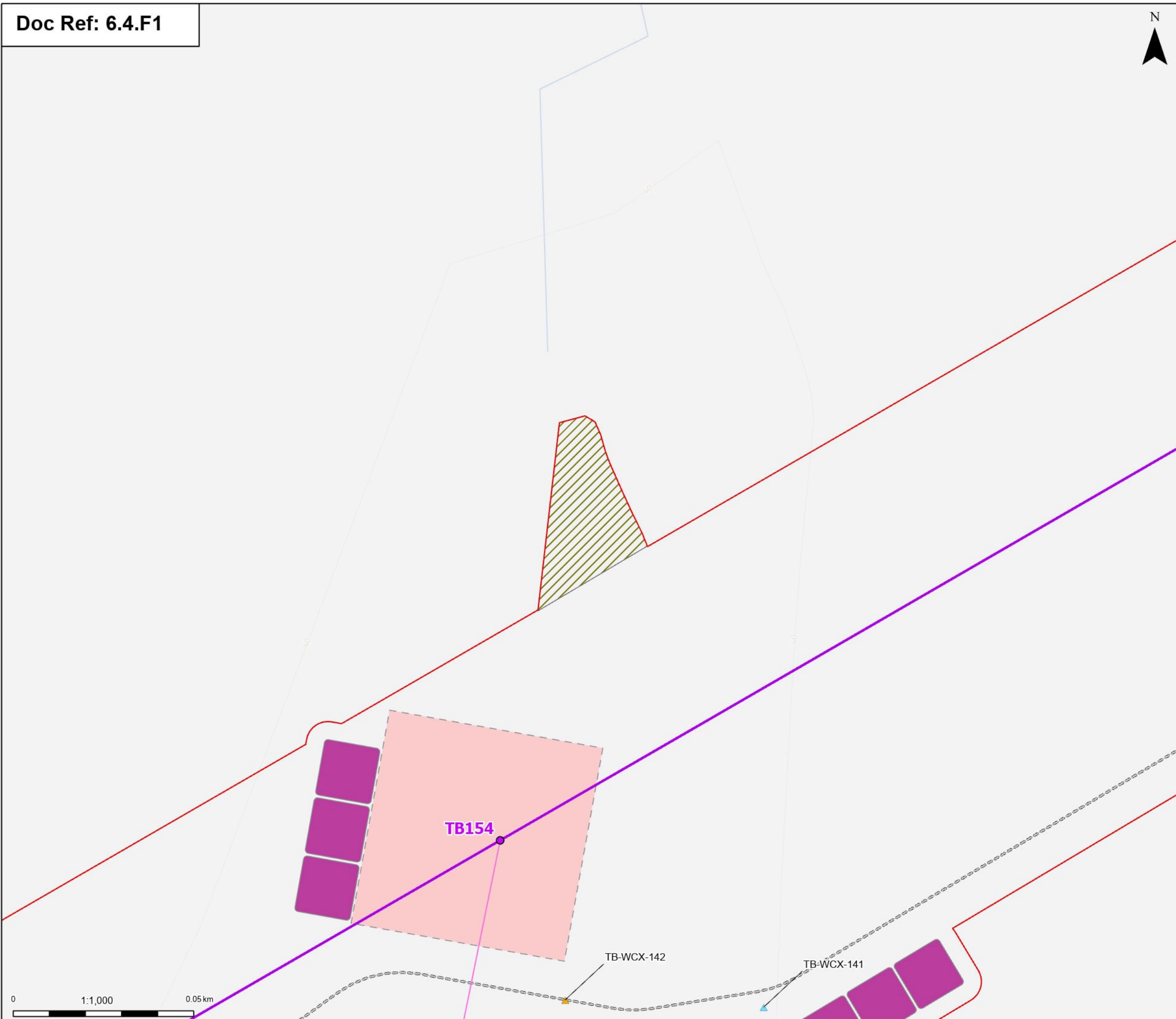
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Drawing Number:  
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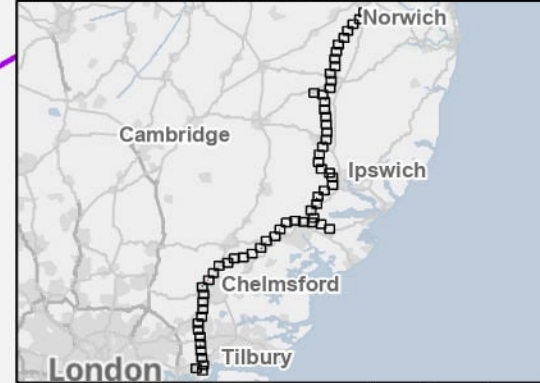
Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - ▲ Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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

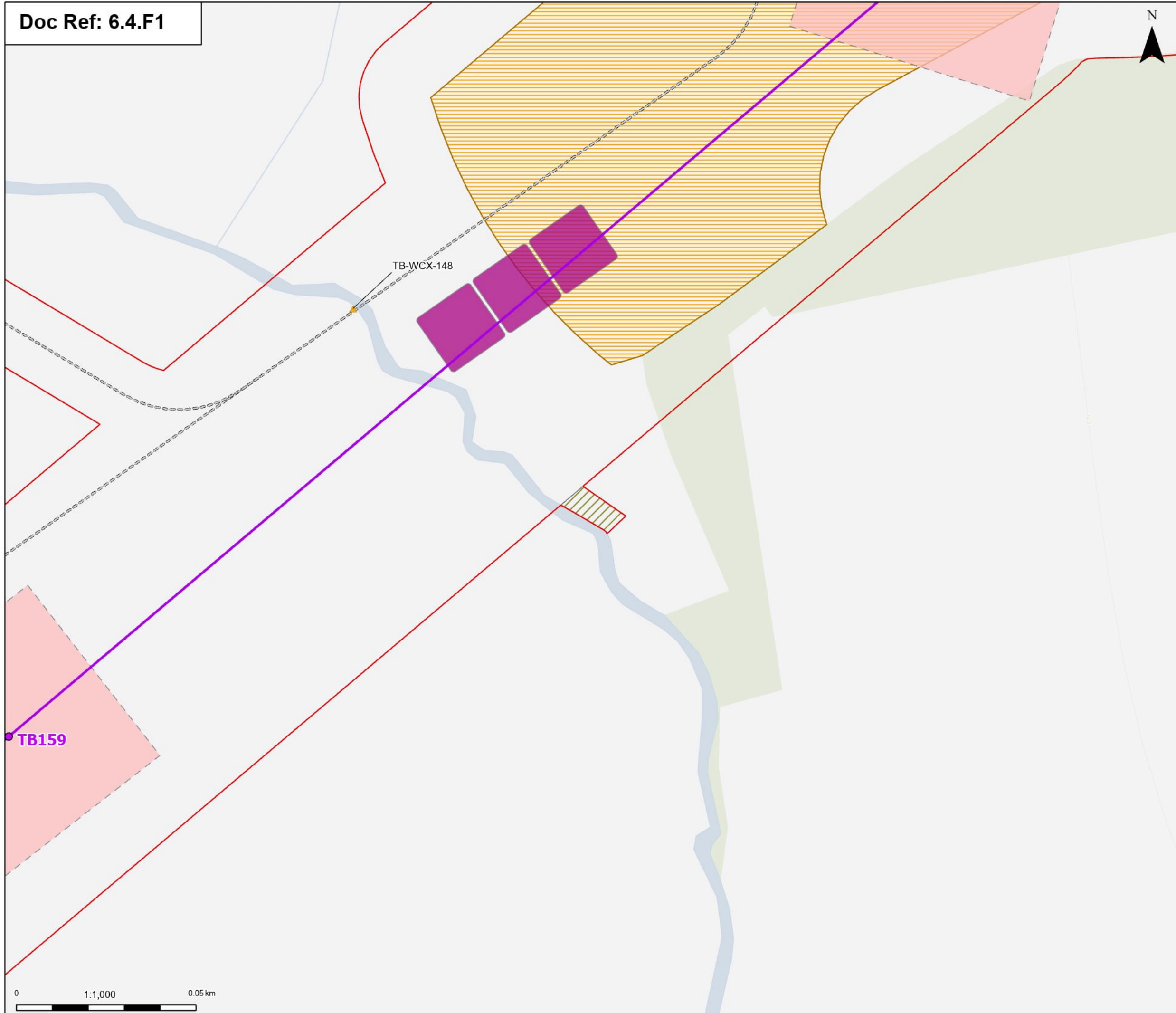
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 49a of 63

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Suitability Description:  
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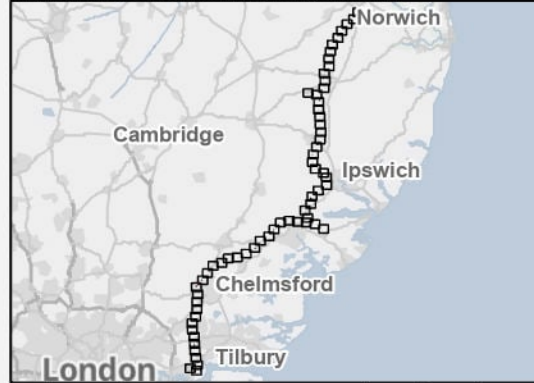
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary design details
  - Proposed overhead line construction SuDS basin
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access
  - ▲ Proposed watercourse crossing - bridge
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

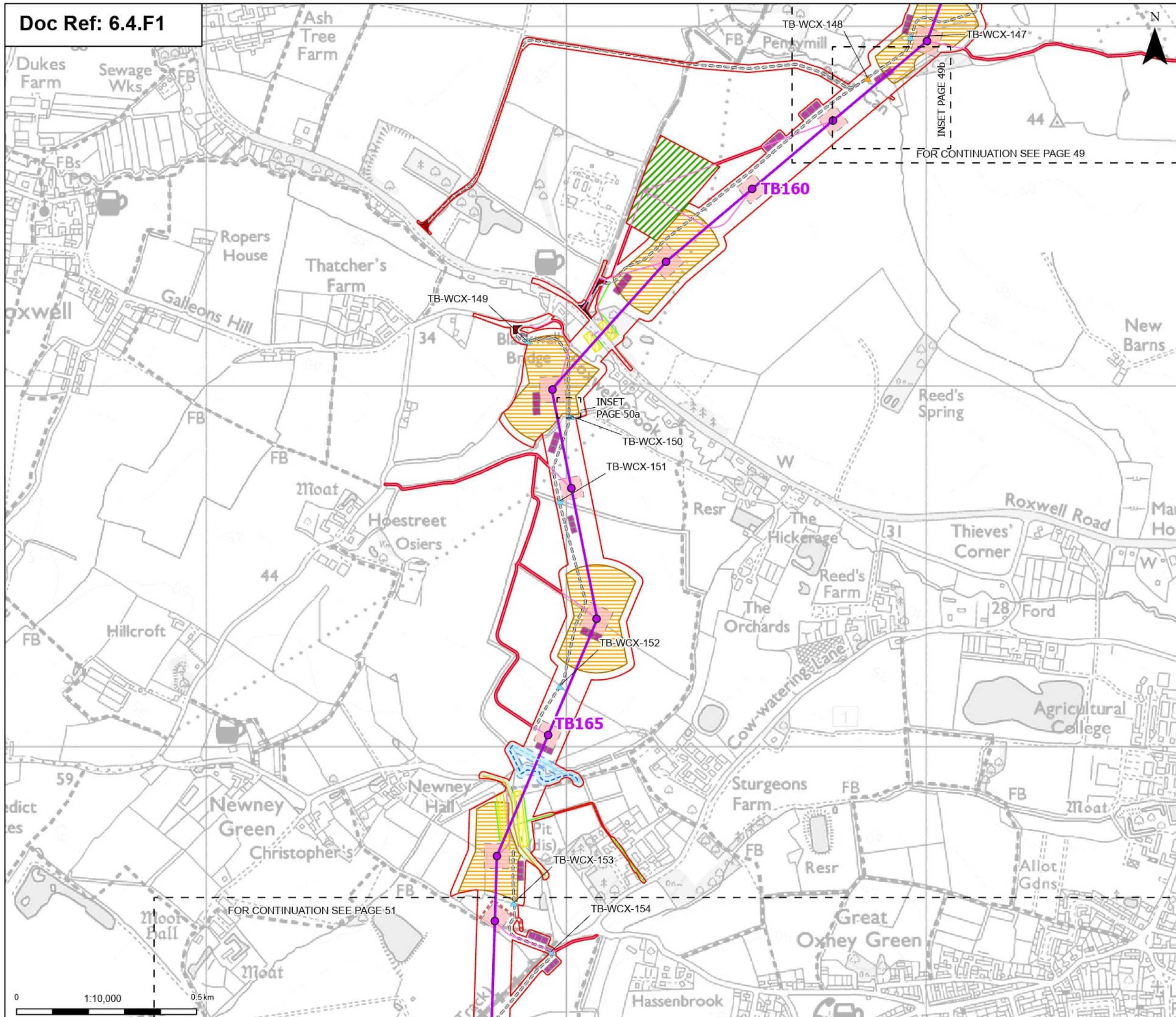
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 49b of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:1,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: **B**



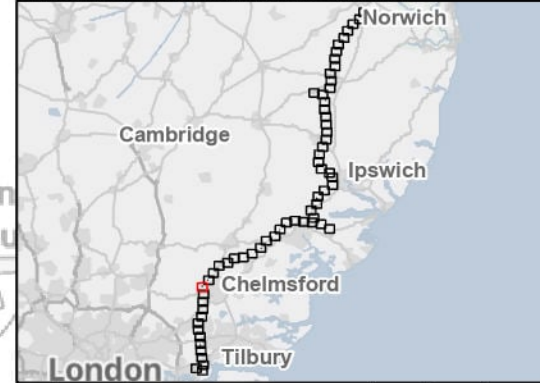


**Order Limits**

- Sheet index outline
- Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
- Proposed temporary design details
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed PRoW diversions
  - Proposed Environmental Mitigation Areas - Temporary
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - bridge

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section F  
 Page 50 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision: B

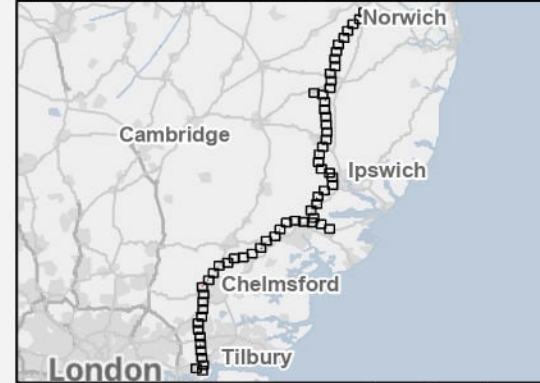
Doc Ref: 6.4.F1

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- Order Limits
  - Proposed permanent design details
    - Proposed standard lattice pylon location
    - Proposed overhead line alignment
    - Proposed permanent access (no physical works)
  - Proposed temporary design details
    - Proposed temporary haul road
    - Proposed pylon construction work area
    - Proposed overhead line pulling location
    - Proposed Environmental Mitigation Areas - Temporary
    - Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 50a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

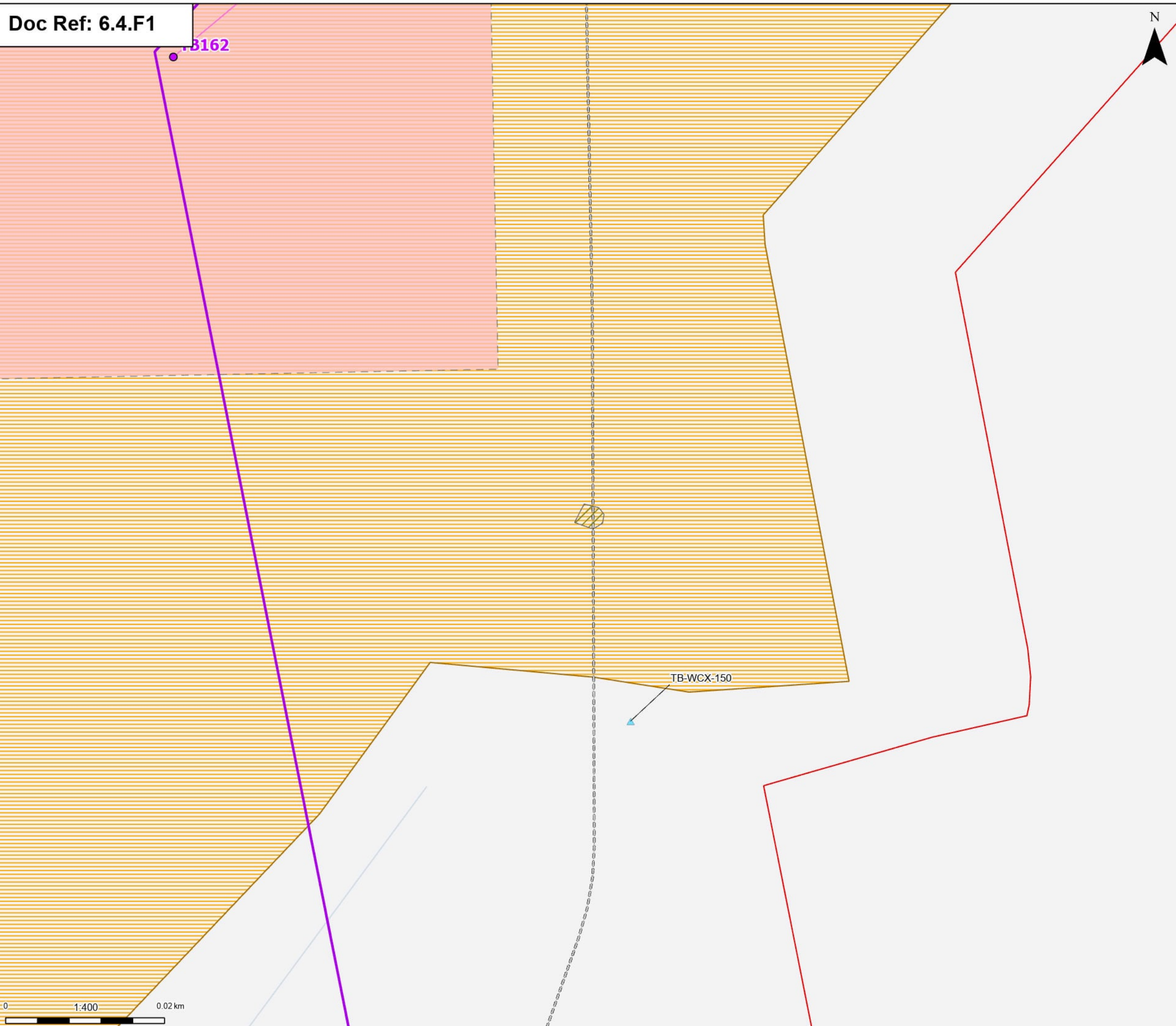
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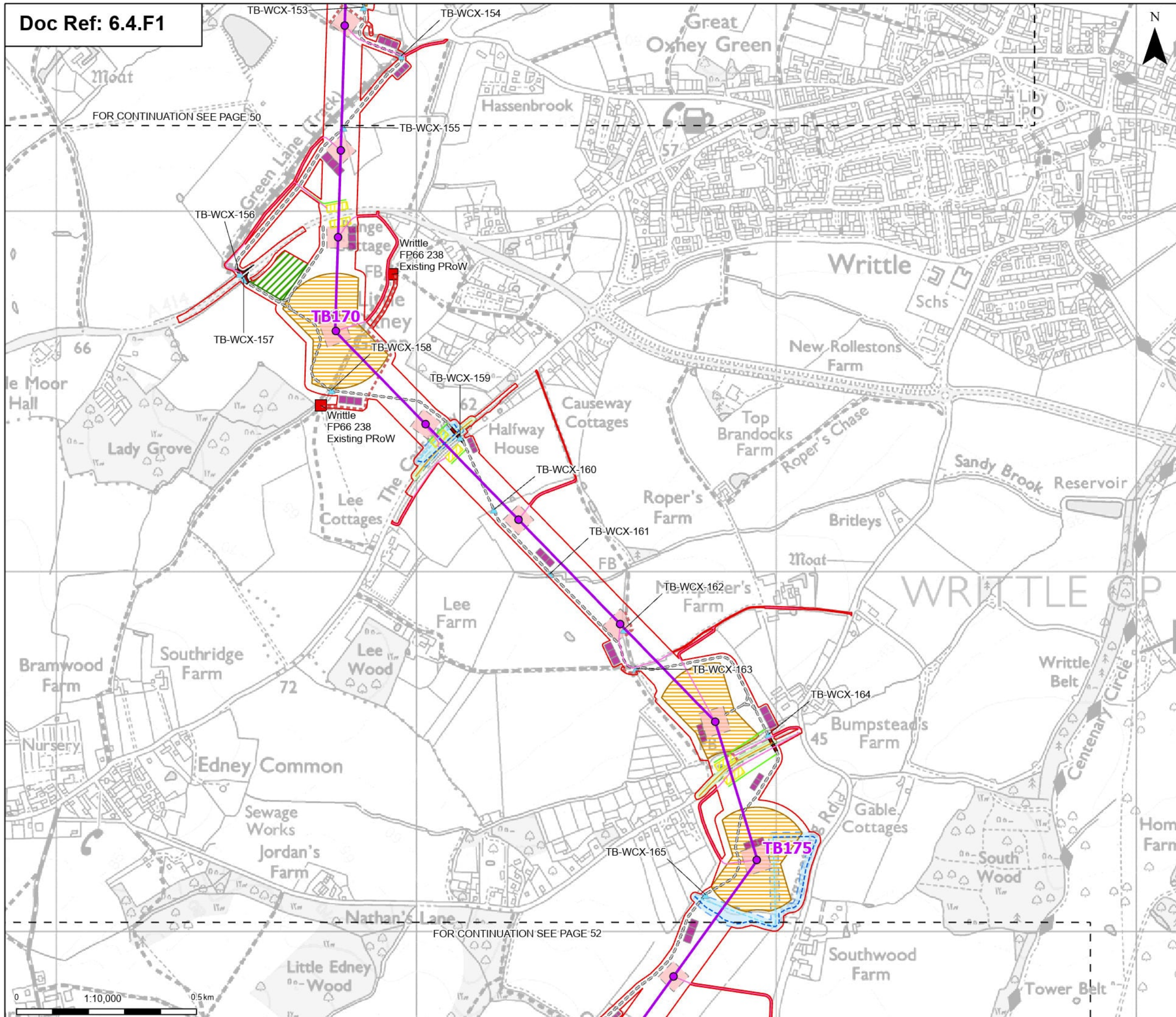
Revision:  
**B**

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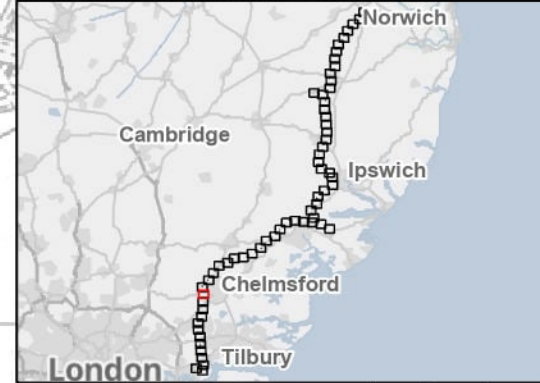
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- Order Limits
  - Sheet index outline
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - Proposed PRoW temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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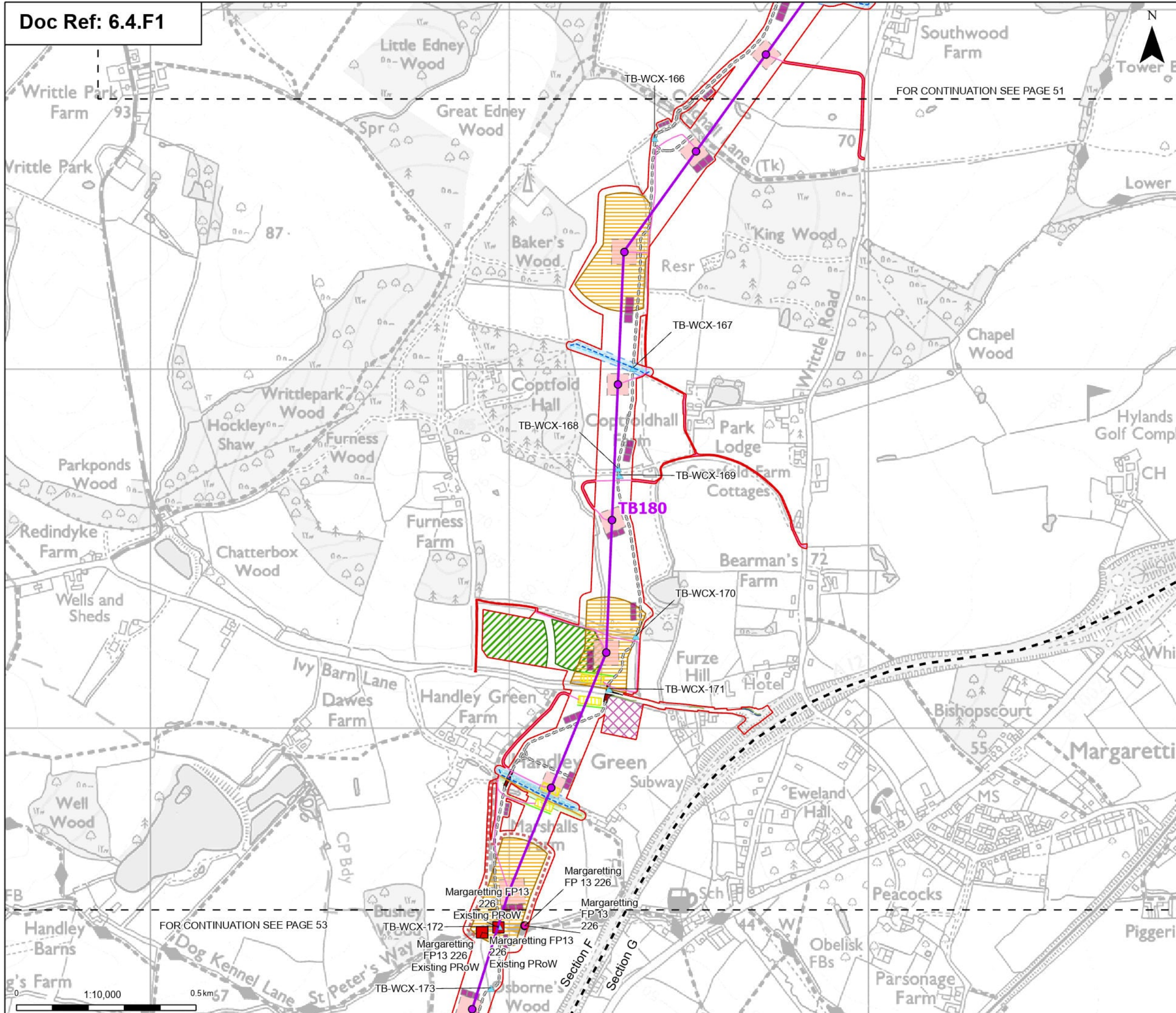
Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section F**  
 Page 51 of 63

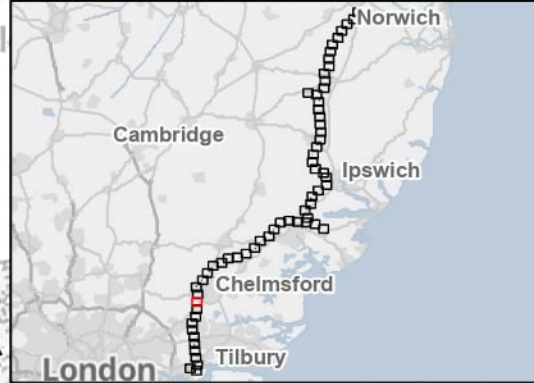
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage  
 Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
 Revision:  
**B**



- Order Limits
  - Sheet index outline
  - Project section line
  - Proposed permanent design details**
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed Footway (Hatching)
  - Proposed Verge (Hatching)
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
  - Proposed construction laydown areas
  - Proposed overhead line construction SuDS basin
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed BT overhead line mitigation work area
  - Proposed highways mitigation compounds
  - Proposed PRoW diversions
  - ▲ Proposed overhead line access watercourse crossing - culvert
  - Proposed PRoW temporary diversions - watercourse crossings
  - Proposed PRoW temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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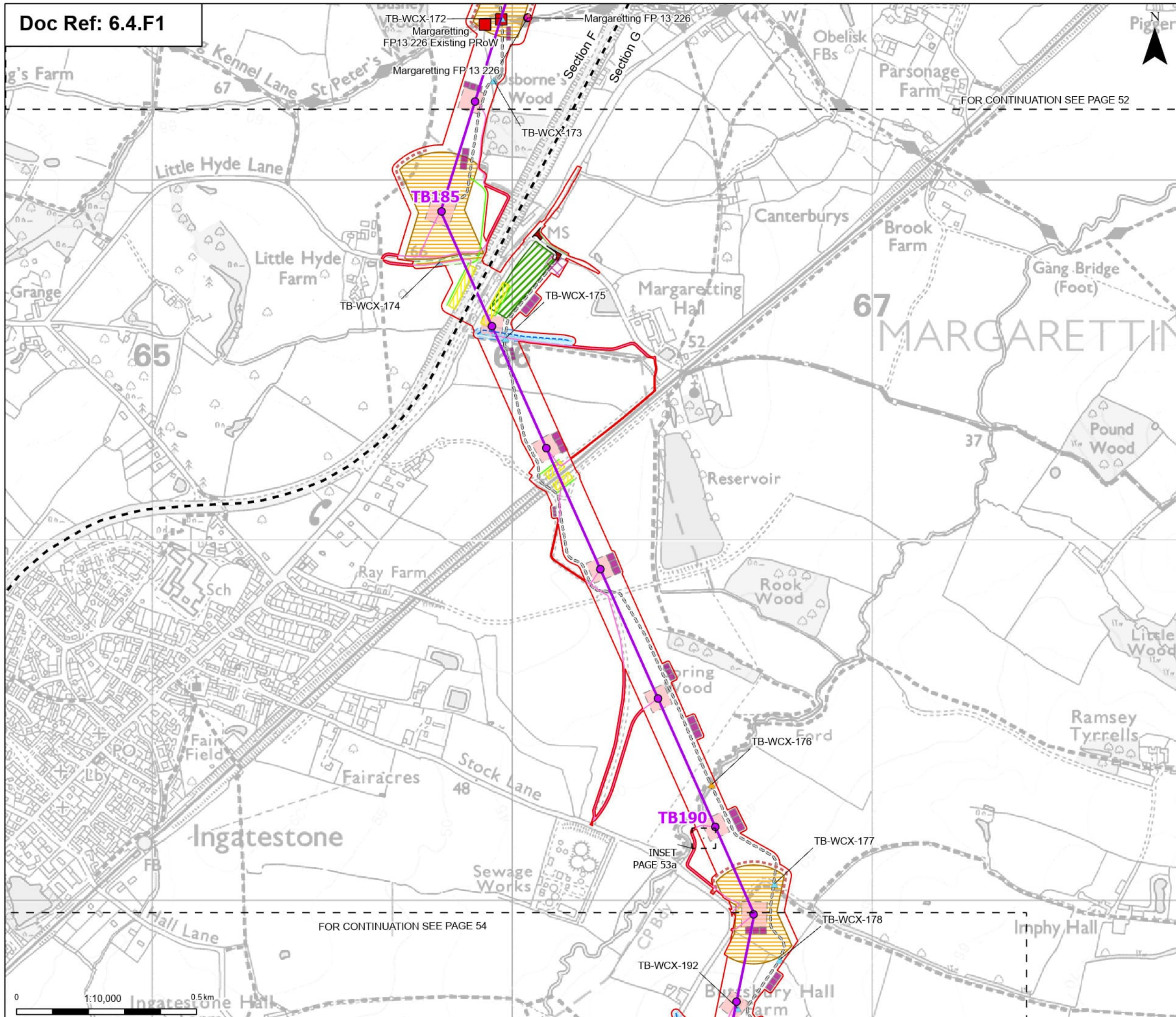
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections F and G**  
 Page 52 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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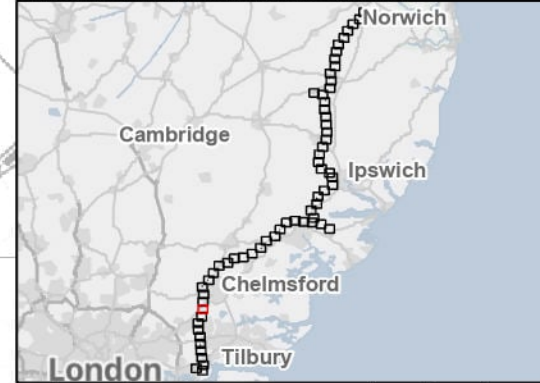
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Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
  - Sheet index outline
  - Project section line
  - Proposed permanent design details**
    - Proposed standard lattice pylon location
    - Proposed overhead line alignment
    - Proposed permanent access (no physical works)
    - Proposed BT overhead line mitigation
    - Proposed Verge (Hatching)
    - Proposed 11kV overhead line mitigation
    - Proposed 11kV underground cable alignment mitigation
  - Proposed temporary design details**
    - Proposed construction laydown areas
    - Proposed overhead line construction SuDS basin
    - Proposed site access point
    - Proposed temporary haul road
    - Proposed overhead line crossing protection access route
    - Proposed overhead line crossing protection work area
    - Proposed pylon construction work area
    - Proposed overhead line pulling location
    - Proposed UKPN overhead line mitigation work area (wood pole line)
    - Proposed BT overhead line mitigation work area
    - Proposed highways mitigation compounds
    - Proposed PRoW diversions
    - Proposed Environmental Mitigation Areas - Temporary
    - Proposed overhead line access watercourse crossing - culvert
    - Proposed overhead line access watercourse crossing - bridge
    - Proposed PRoW temporary diversions - watercourse crossings
    - Proposed PRoW temporary stopped up - watercourse crossings
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

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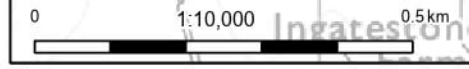
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections F and G**  
 Page 53 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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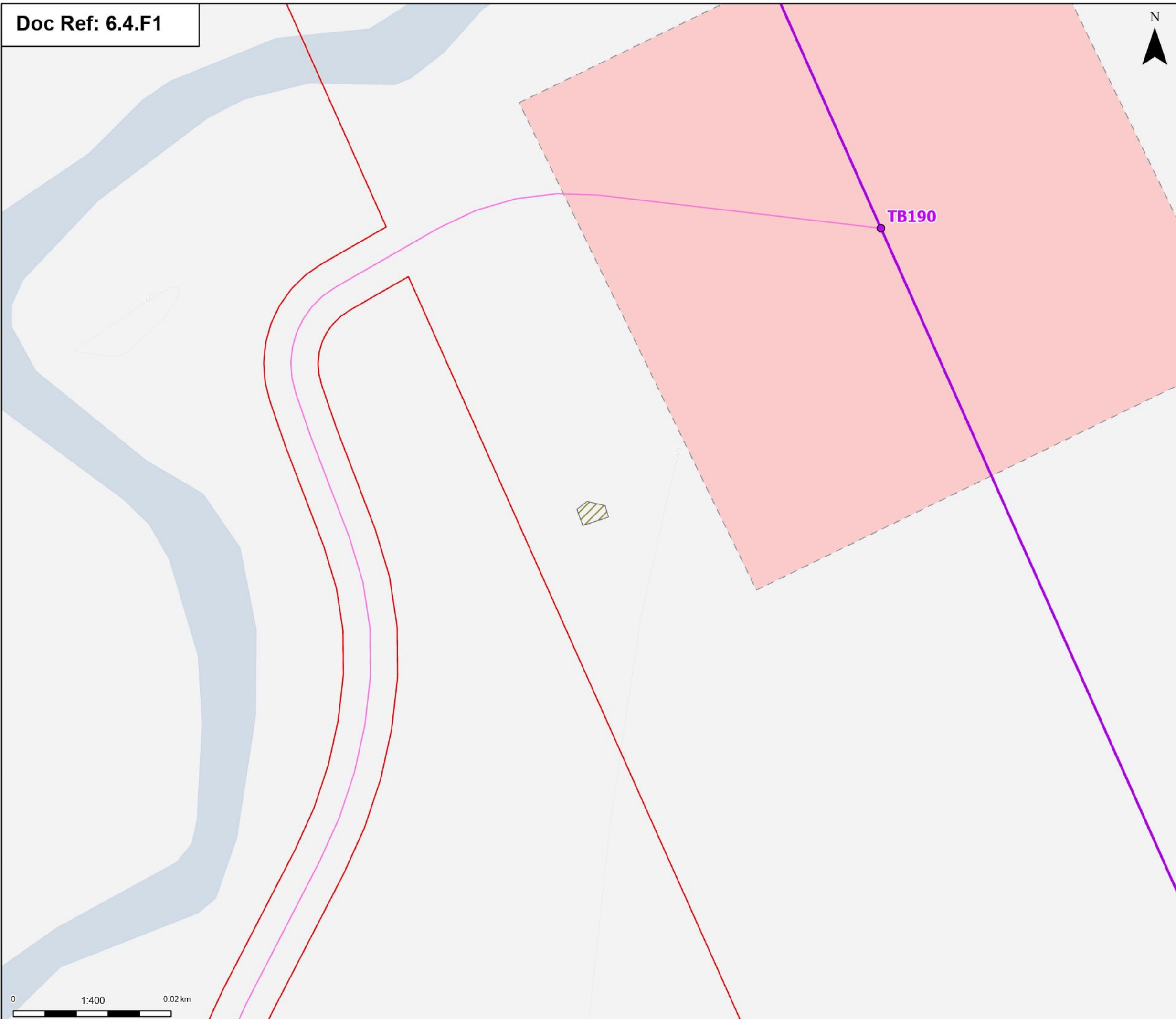
Suitability Description:  
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Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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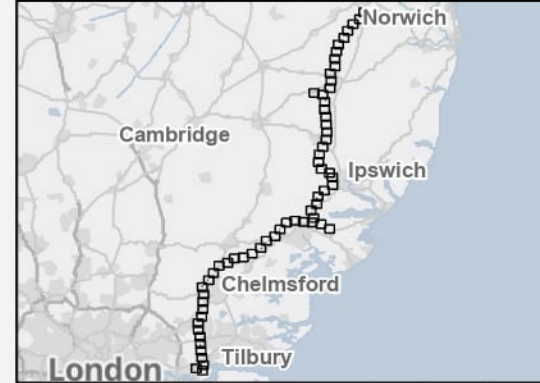




- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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Rev	Date	Description	Drawn	Check	Approv

**PROJECT:**  
**nationalgrid** Norwich to Tilbury

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

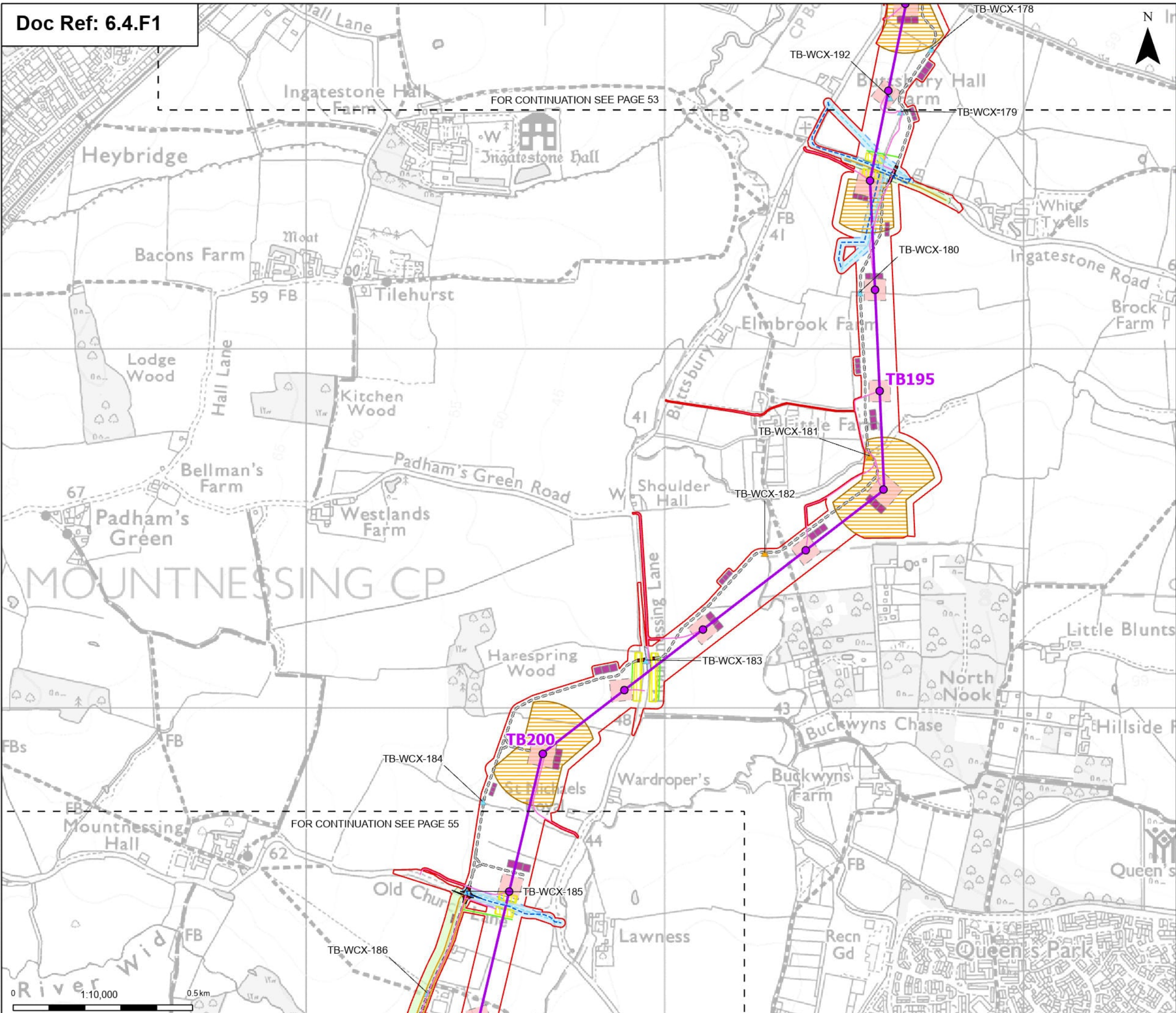
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section G**  
 Page 53a of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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**Order Limits**

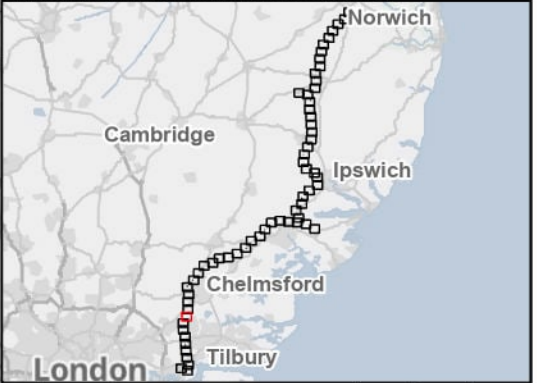
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

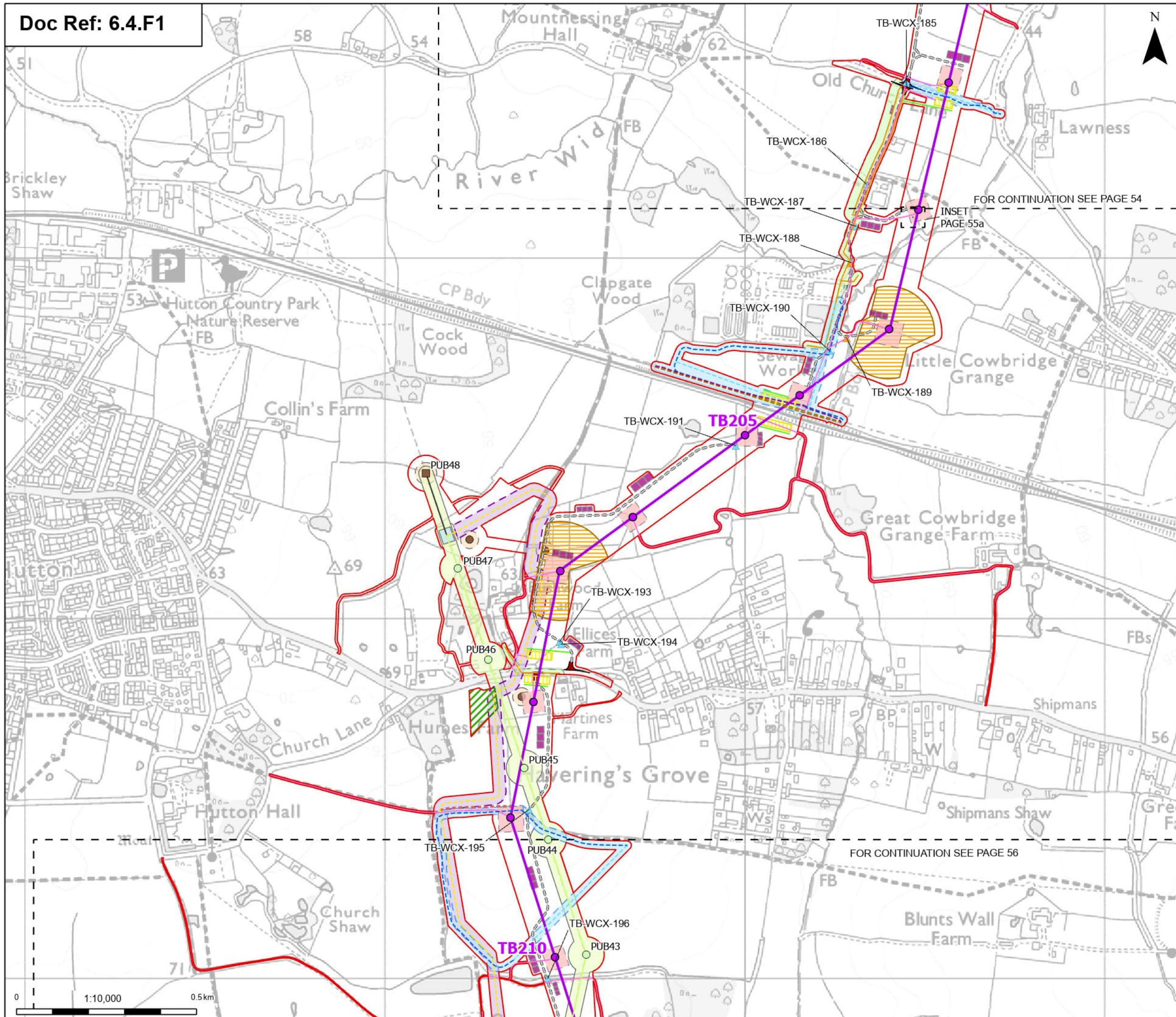
Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section G  
 Page 54 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

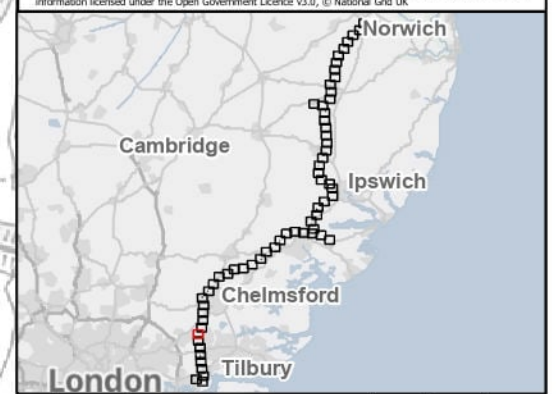
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
- - - Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- - - Proposed 11kV overhead line mitigation
- - - Proposed 11kV underground cable alignment mitigation
- - - Proposed 33kV overhead line mitigation
- - - Proposed 33kV underground cable alignment mitigation
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline
- Proposed UKPN cable centreline
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- - - Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line mitigation work area (temporary structure (only angles))
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

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

Title:  
 Figure 4.1 - Project Description -  
 Proposed Project Design  
 Section G  
 Page 55 of 63

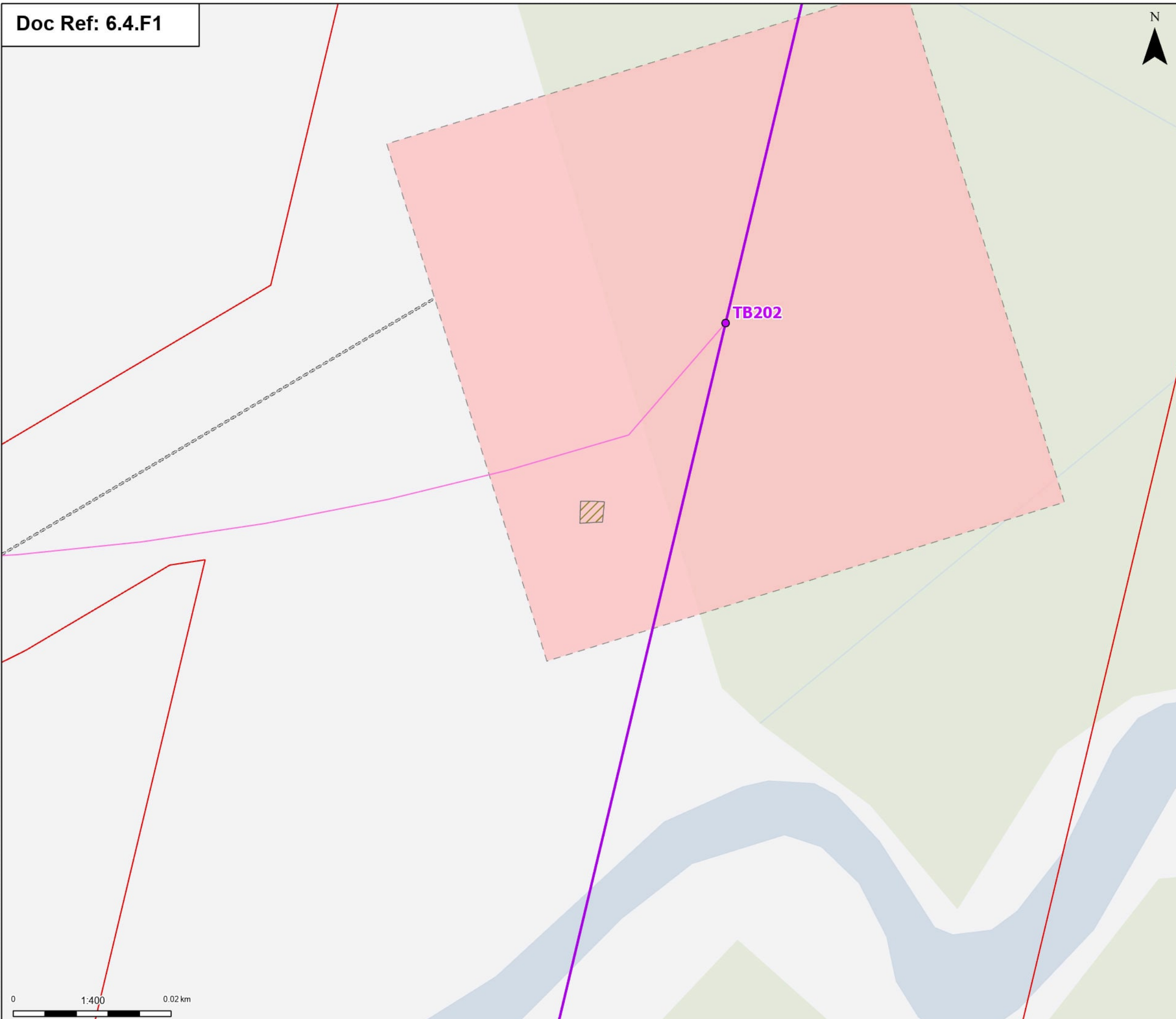
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

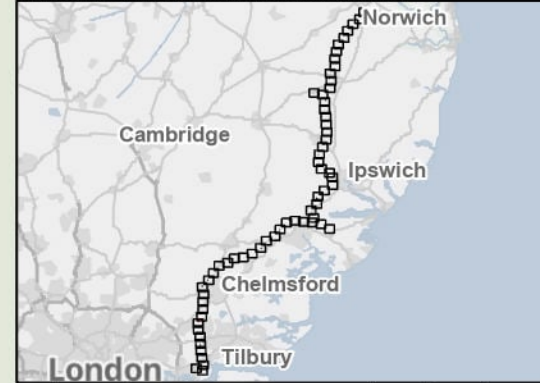
Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed temporary haul road
  - Proposed pylon construction work area
  - Proposed Environmental Mitigation Areas - Temporary
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.



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**PROJECT:**  
**nationalgrid** Norwich to Tilbury

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

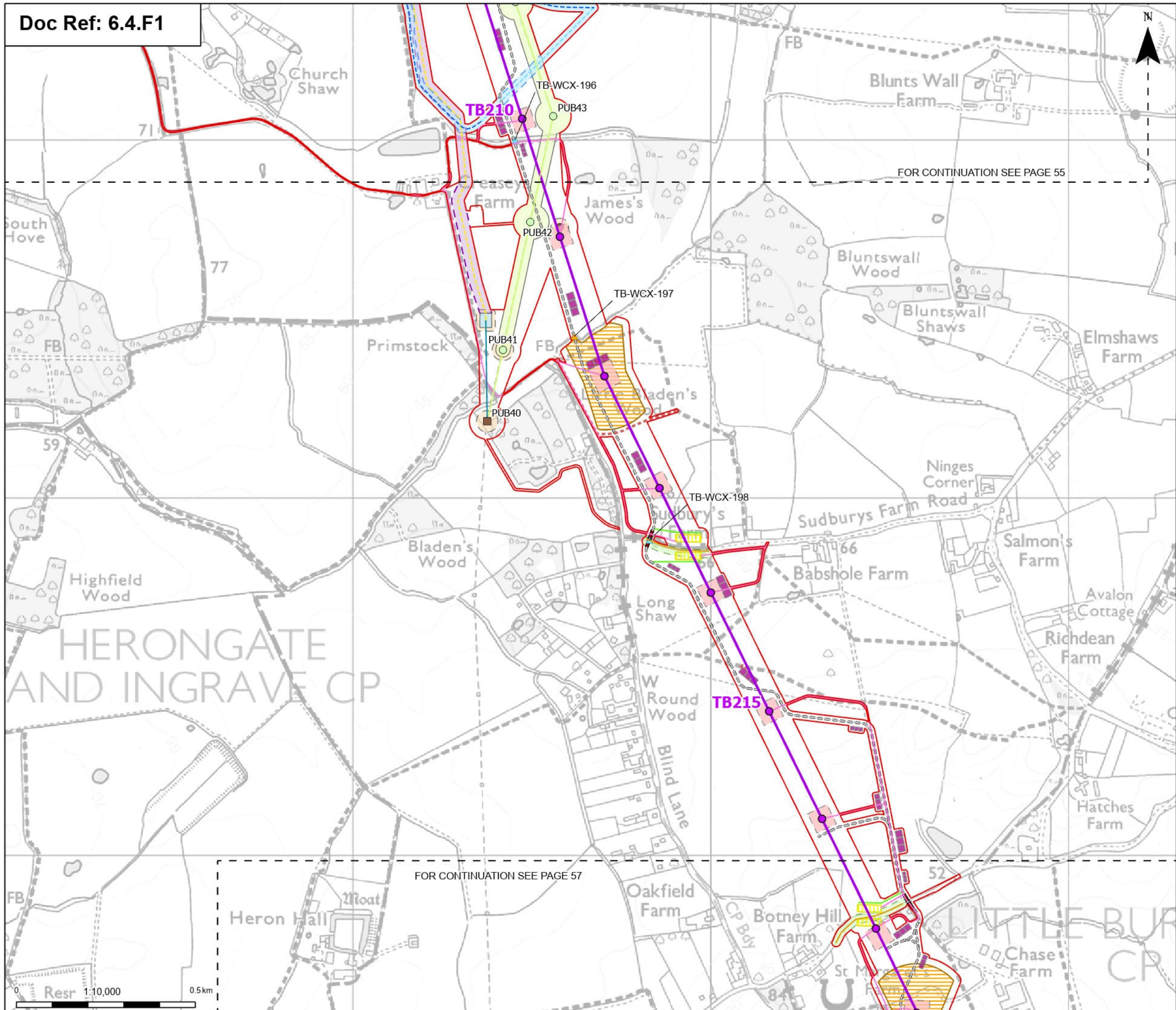
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**Figure 4.1 - Project Description - Proposed Project Design Section G**  
 Page 55a of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

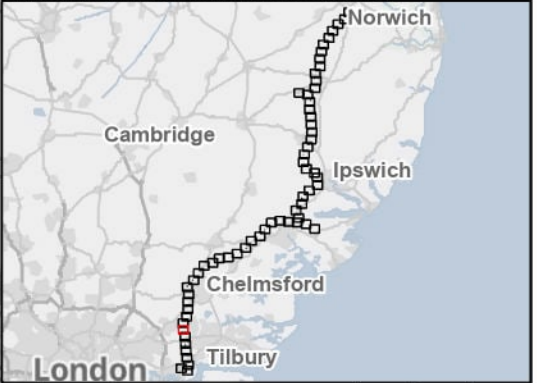
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206 Revision: **B**





- Order Limits
  - Sheet index outline
  - Proposed permanent design details
  - Proposed standard lattice pylon location
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed BT overhead line mitigation
  - Proposed 11kV overhead line mitigation
  - Proposed 11kV underground cable alignment mitigation
  - Proposed UKPN overhead line dismantle towers
  - Proposed UKPN overhead line existing tower (to be modified)
  - Proposed UKPN dismantle centreline
  - Proposed UKPN New Centreline
  - Proposed UKPN cable centreline
  - Proposed temporary design details
  - Proposed overhead line construction
  - Proposed site access point
  - Proposed temporary haul road
  - Proposed overhead line crossing protection access route
  - Proposed overhead line crossing protection work area
  - Proposed pylon construction work area
  - Proposed overhead line pulling location
  - Proposed UKPN overhead line mitigation work area (wood pole line)
  - Proposed UKPN overhead line temporary structure (only angles)
  - Proposed UKPN cable sealing end platform
  - Proposed UKPN cable temporary works
  - Proposed UKPN tower dismantle assets
  - Proposed UKPN tower overhead line temporary works
  - Proposed BT overhead line mitigation work area
  - Proposed PRoW diversions
  - Proposed overhead line access watercourse crossing - culvert
  - Proposed overhead line access watercourse crossing - bridge
- Note: The proposed overhead line cable alignment and proposed underground cable alignment together comprise the alignment.

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Rev	Date	Description	Drawn	Check	Approv
B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

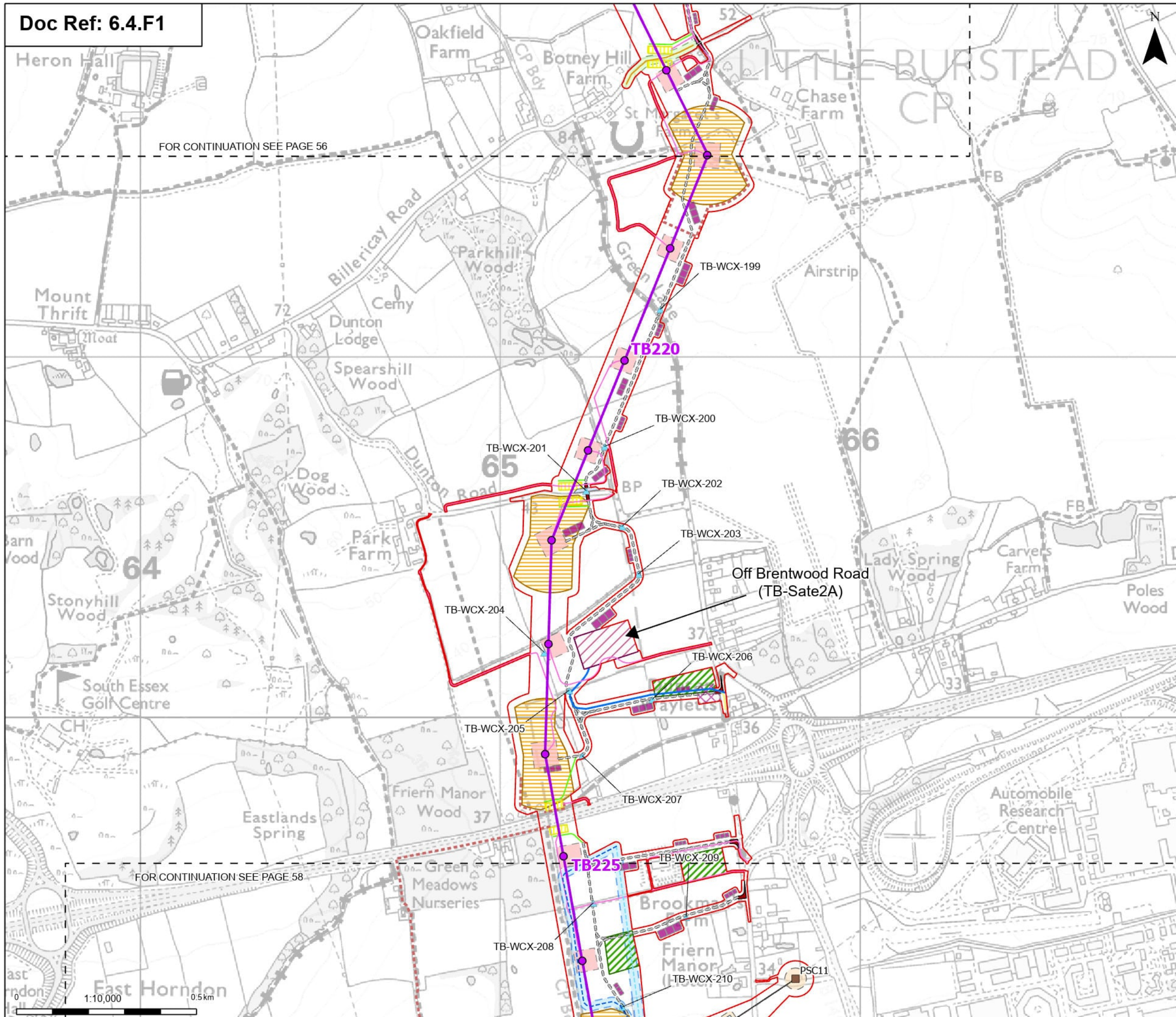
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 Section G  
 Page 56 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



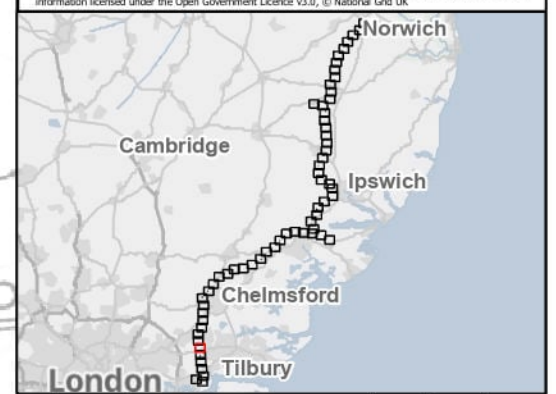
FOR CONTINUATION SEE PAGE 56

FOR CONTINUATION SEE PAGE 58

- Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed Verge (Hatching)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN existing centreline (modified)
- Proposed construction laydown areas
- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN cable sealing end platform
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed highways mitigation compounds
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed belmouth stacking
- Proposed PRoW diversions
- ▲ Proposed overhead line access watercourse crossing - culvert

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



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B	May 2026	FOR DCO APPLICATION	SS	AF	KB
A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury

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

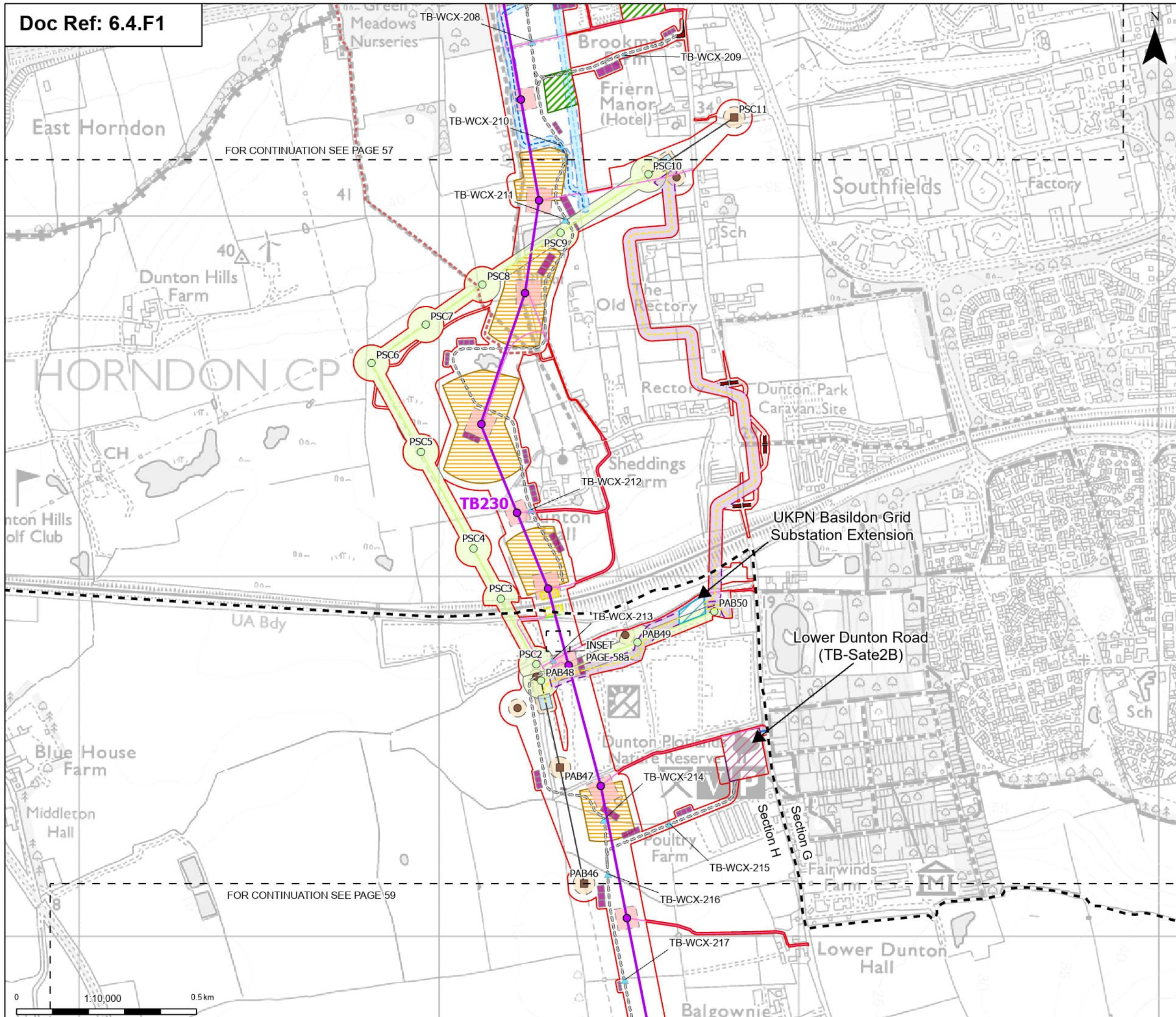
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section G**  
 Page 57 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

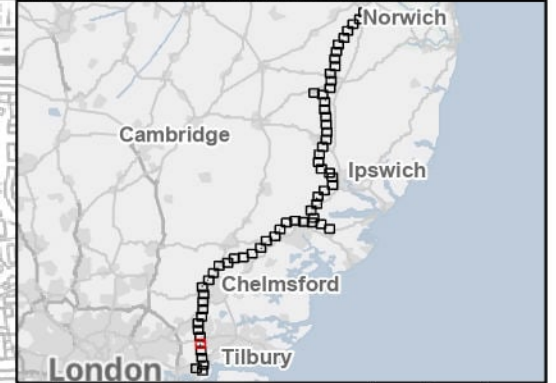
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
- - - Sheet index outline
- - - Project section line
- Proposed permanent design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed UKPN substation extensions
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline (modified)
- Proposed UKPN existing centreline (modified)
- Proposed UKPN Cable Access
- Proposed UKPN cable centreline
- Proposed temporary design details
- Proposed satellite construction compound
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed overhead line compound utility connections - electricity
- Proposed overhead line compound utility connections - water
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections G and H**  
 Page 58 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

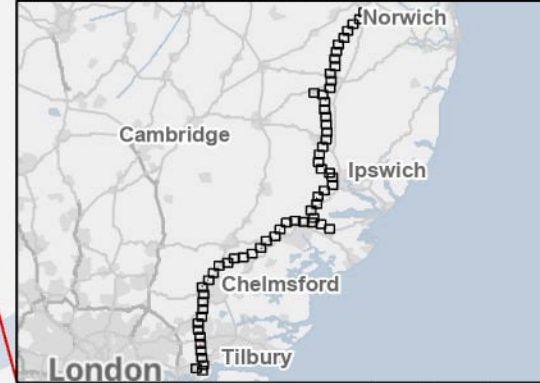
Suitability Description:  
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
  - Proposed permanent design details**
  - Proposed overhead line alignment
  - Proposed permanent access (no physical works)
  - Proposed UKPN dismantle centreline
  - Proposed temporary design details**
  - Proposed overhead line construction
  - SuDS basin
  - Proposed overhead line crossing protection access route
  - Proposed pylon construction work area
  - Proposed UKPN tower dismantle assets
  - Proposed Environmental Mitigation Areas - Temporary
  - ▲ Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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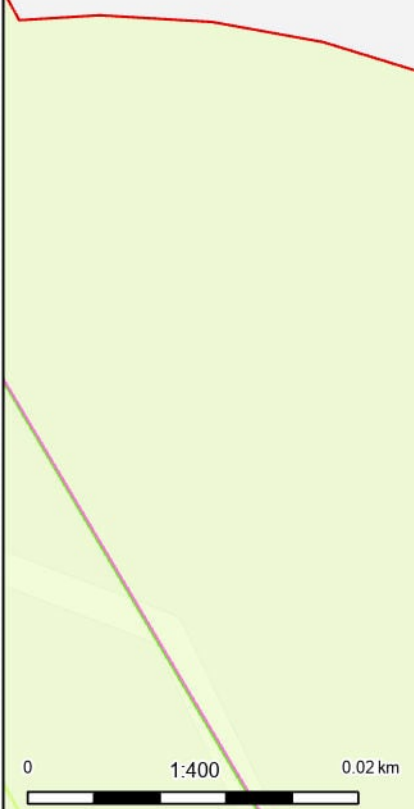
Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

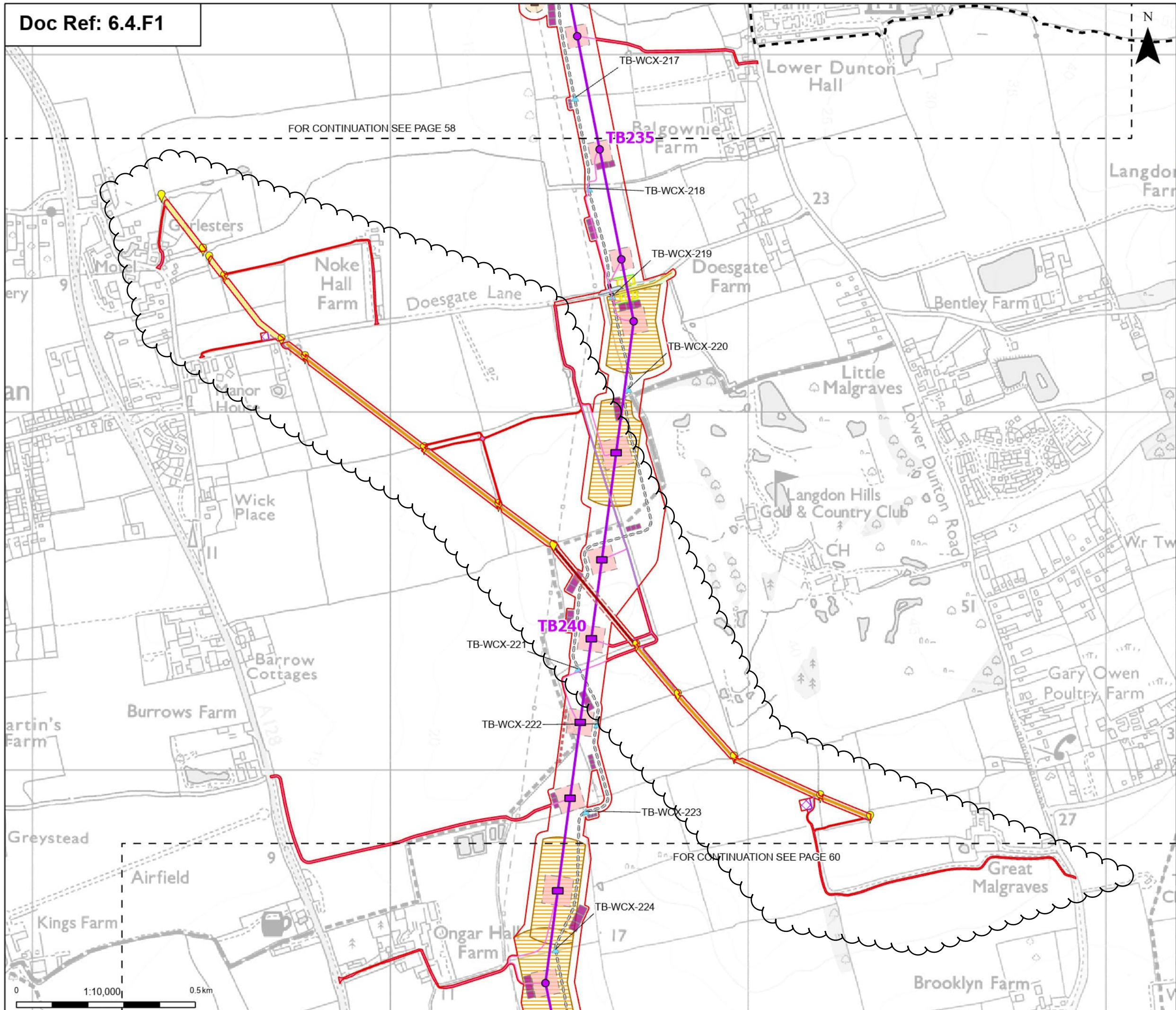
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section H**  
 Page 58a of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:400	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision: <b>B</b>
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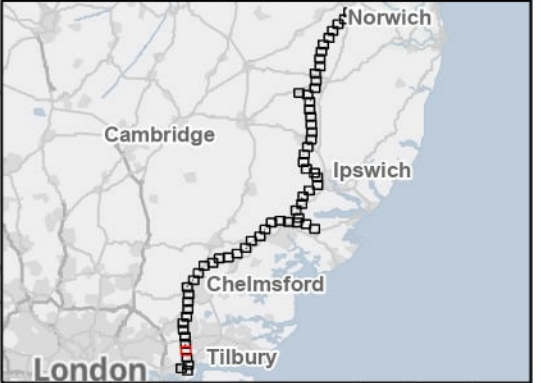


**Legend**

- Order Limits
- Sheet index outline
- Project section line
- Proposed permanent design details
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed temporary design details
- Proposed overhead line construction SUDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert
- Third Party Works
- Proposed permanent design details
- Third Party Mitigation Connections
- Third Party Mitigation Centreline
- Anti corrosion earthing strips
- Third Party Mitigation Access
- Third Party Mitigation Access Buffer
- Proposed temporary design details
- Third Party Mitigation Work Area
- Third Party Mitigation Temp Compounds

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

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PROJECT:  
**nationalgrid** Norwich to Tilbury

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

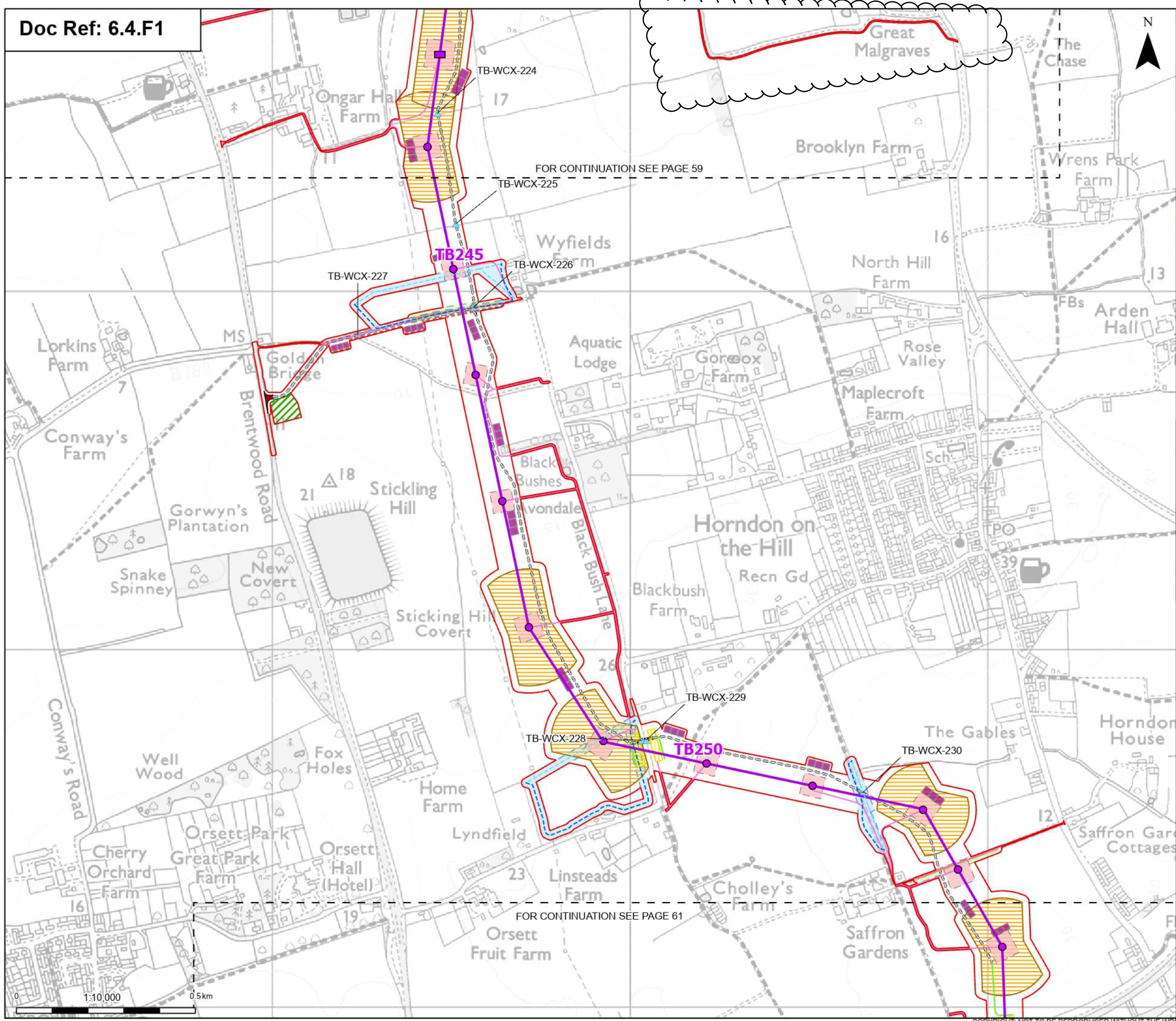
Title:  
**Figure 4.1 - Project Description - Proposed Project Design Sections G and H**  
 Page 59 of 63

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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



**Order Limits**

- Sheet index outline

**Proposed permanent design details**

- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation

**Proposed temporary design details**

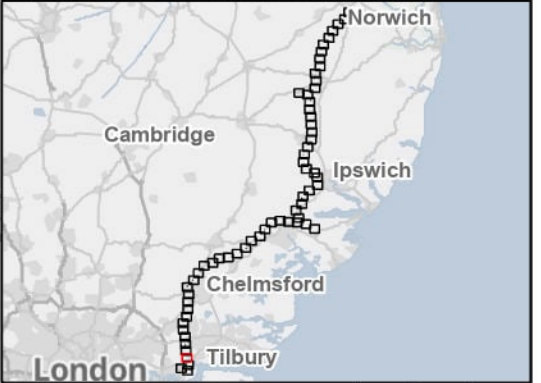
- Proposed construction laydown areas
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert

**Third Party Works**

- Proposed permanent design details
- Third Party Mitigation Access
- Third Party Mitigation Access Buffer

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

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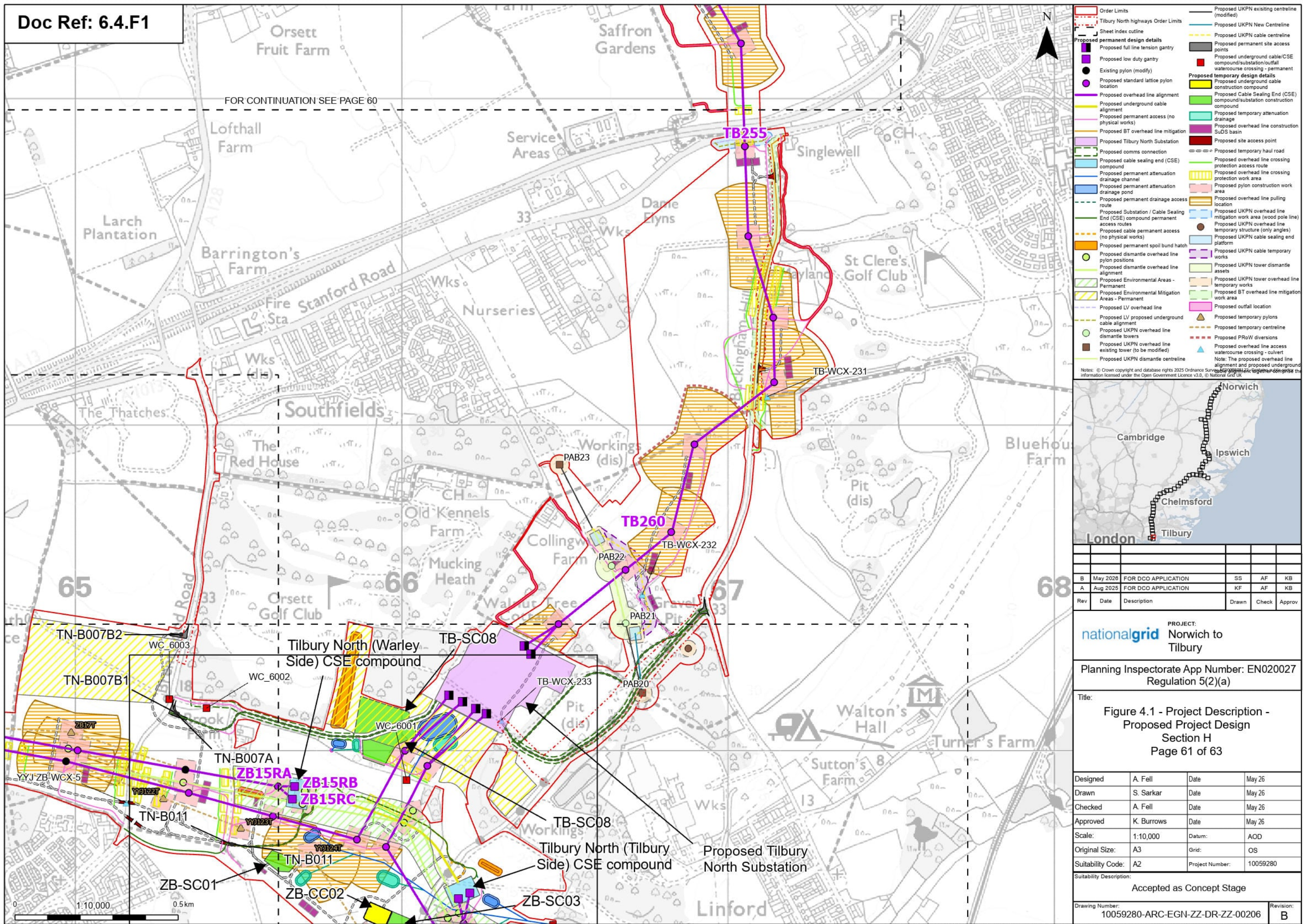
PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
**Figure 4.1 - Project Description - Proposed Project Design Section H**  
 Page 60 of 63

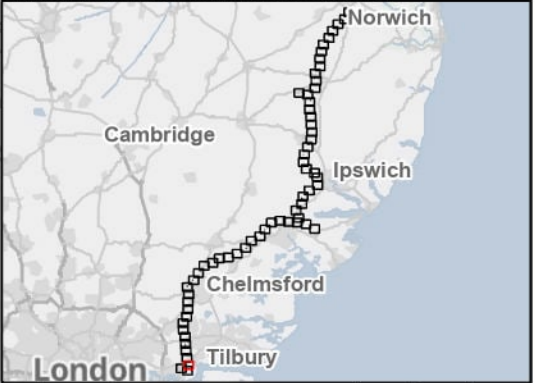
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Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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 Drawing Number: 10059280-ARC-EGN-ZZ-DR-ZZ-00206  
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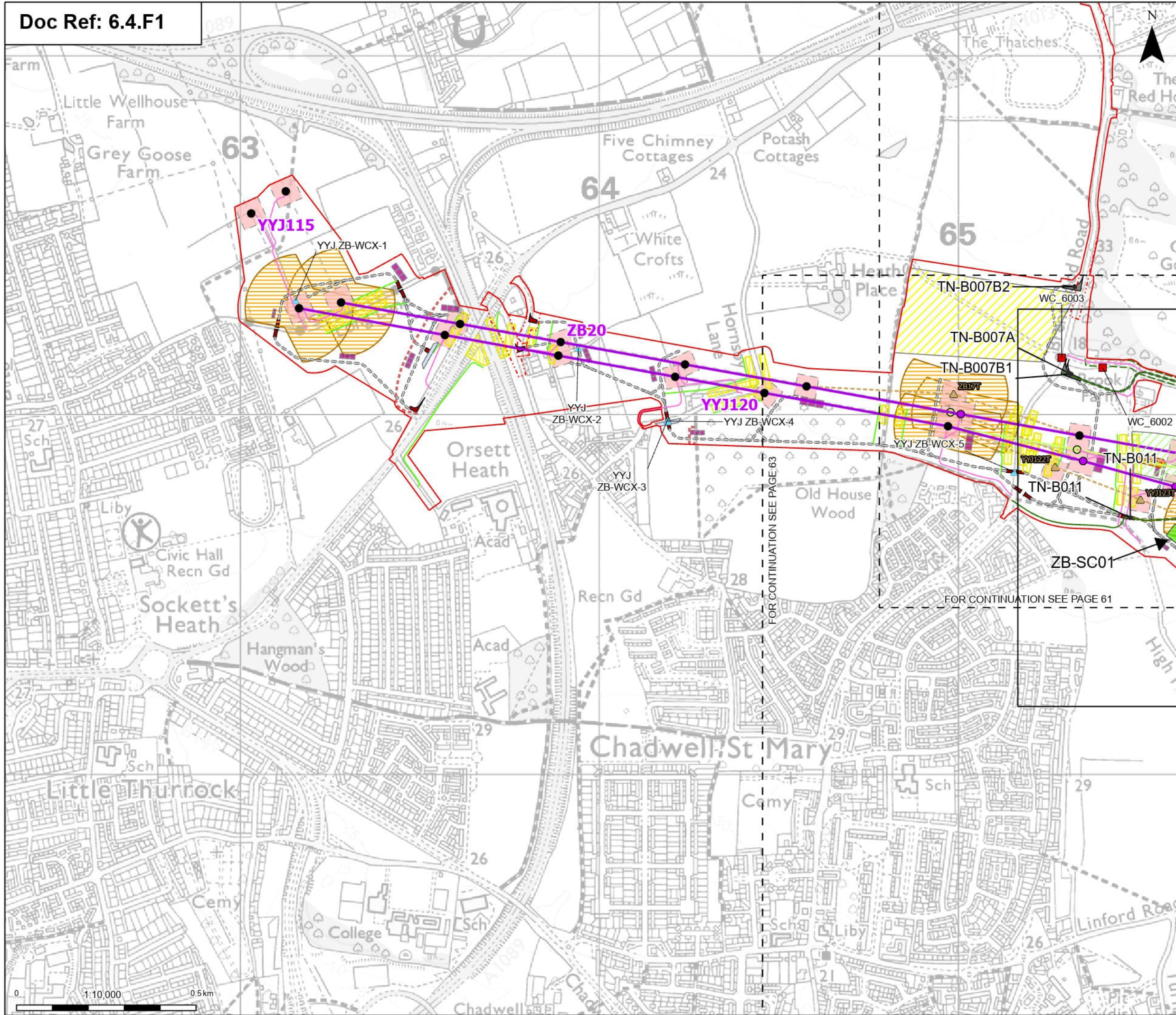
PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
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Title:  
 Figure 4.1 - Project Description -  
 Proposed Project Design  
 Section H  
 Page 61 of 63

Designed	A. Fell	Date	May 26
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Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

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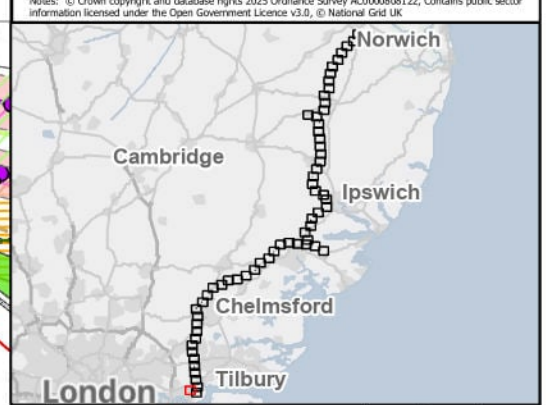
Drawing Number:	10059280-ARC-EGN-ZZ-DR-ZZ-00206	Revision:	B
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- Order Limits
- Tilbury North highways Order Limits
- Sheet index outline
- Proposed permanent design details
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed permanent access (no physical works)
- Proposed comms connection
- Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
- Proposed cable permanent access (no physical works)
- Proposed permanent spoil bund hatch
- Proposed dismantle overhead line pylon positions
- Proposed dismantle overhead line alignment
- Proposed Environmental Areas - Permanent
- Proposed Environmental Mitigation Areas - Permanent
- Proposed permanent site access points
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent
- Proposed temporary design details
- Proposed Cable Sealing End (CSE) compound/substation construction compound
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed temporary pylons
- Proposed temporary centreline
- Proposed bermouth stacking
- Proposed PRow diversions
- Proposed overhead line access watercourse crossing - culvert

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

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
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 Regulation 5(2)(a)

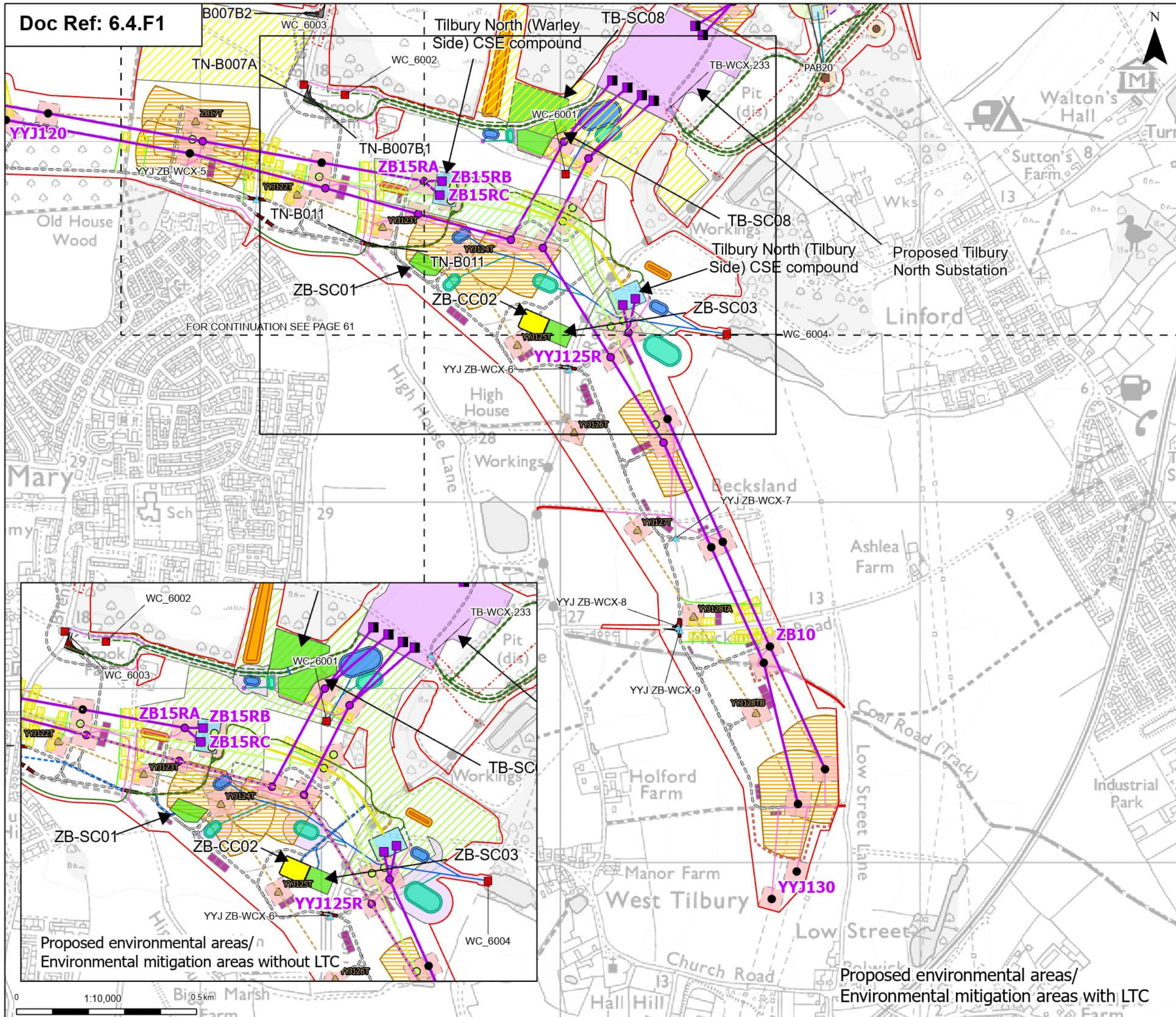
Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section H  
 Page 62 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:  
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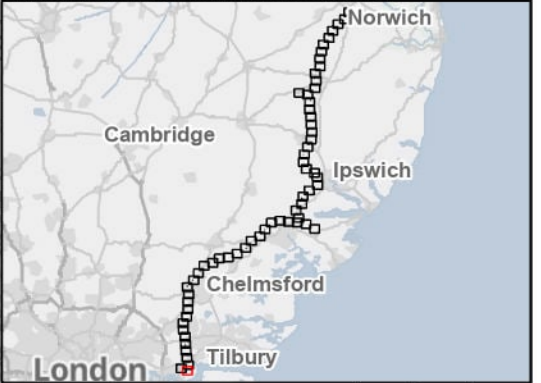
Drawing Number:  
 10059280-ARC-EGN-ZZ-DR-ZZ-00206

Revision:  
**B**



- Order Limits
- Tilbury North highways Order Limits
- Sheet index outline
- Proposed permanent design details
- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed permanent access (no physical works)
- Proposed permanent access (physical works)
- Proposed permanent spoil bund hatch
- Proposed permanent overhead line pylon positions
- Proposed dismantle overhead line alignment
- Proposed Environmental Areas - Permanent
- Proposed Environmental Mitigation Areas - Permanent
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN existing centreline (modified)
- Proposed UKPN New Centreline
- Proposed permanent site access points
- Proposed underground cable/compound/substation/outheadline watercourse crossing - permanent
- Proposed temporary design details
- Proposed underground cable construction compound
- Proposed Cable Sealing End (CSE) compound/substation construction compound
- Proposed temporary attenuation drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed outfall location
- Proposed temporary pylons
- Proposed temporary centreline
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert

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A	Aug 2025	FOR DCO APPLICATION	KF	AF	KB

PROJECT:  
**nationalgrid** Norwich to Tilbury  
 Planning Inspectorate App Number: EN020027  
 Regulation 5(2)(a)

Title:  
 Figure 4.1 - Project Description - Proposed Project Design  
 Section H  
 Page 63 of 63

Designed	A. Fell	Date	May 26
Drawn	S. Sarkar	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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 Revision: B

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