

AENC-MMAC-ENG-REP-0011

Norwich to Tilbury

Volume 8: Examination Documents

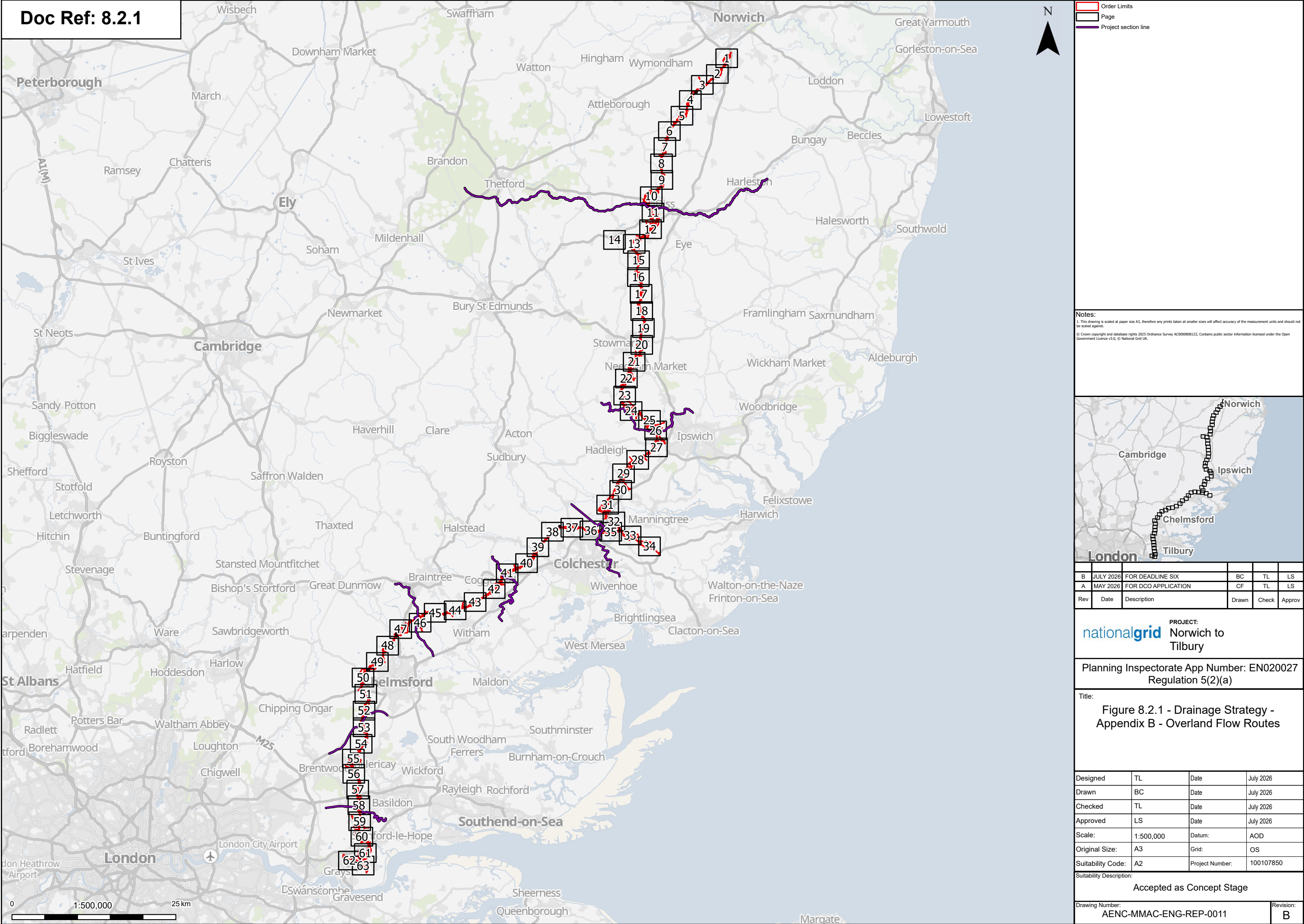
**Document: 8.2.1 Drainage Strategy - Appendix B
- Clean Version**

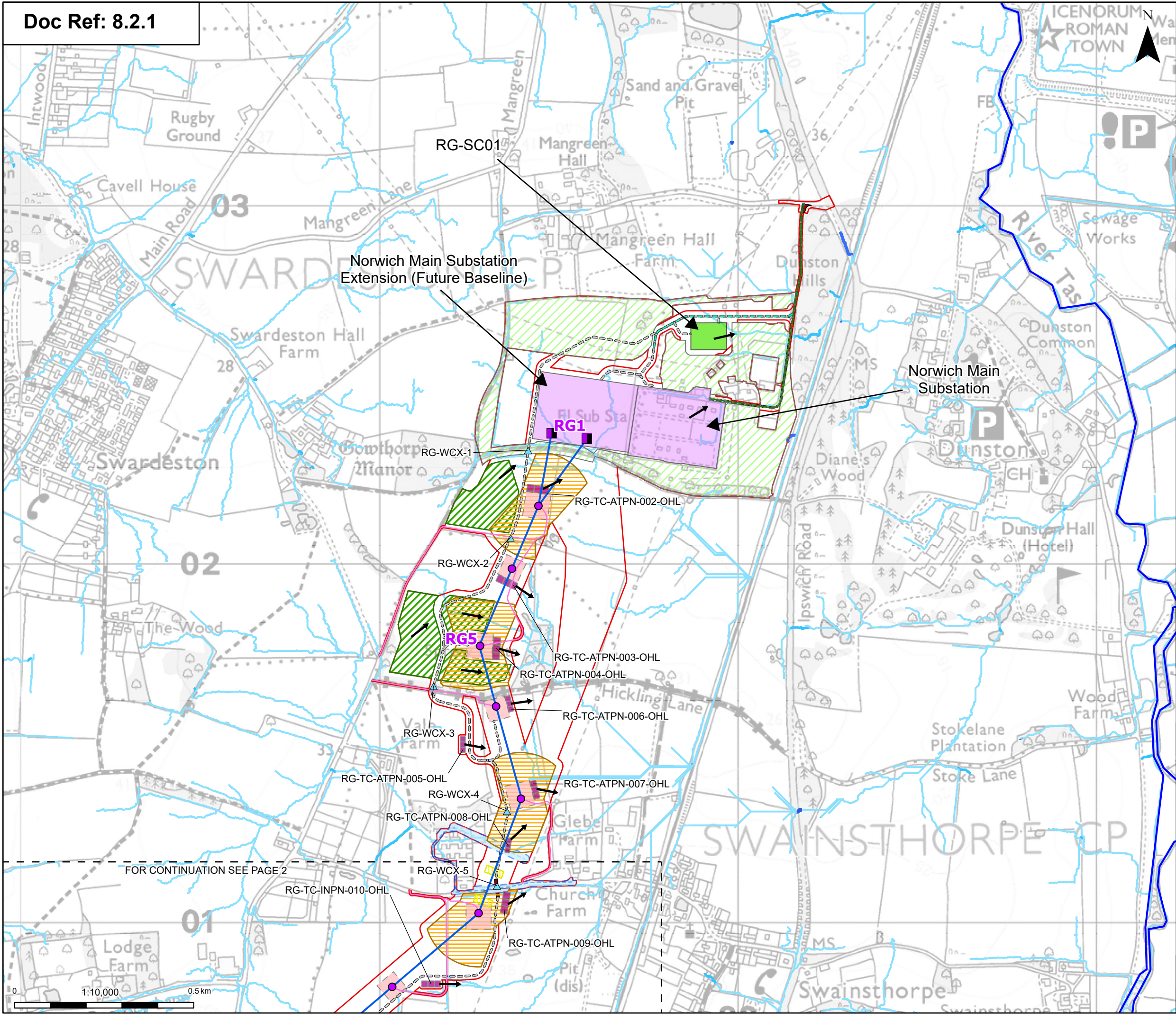
Final Issue B

July 2026

Planning Inspectorate Reference: EN020027

nationalgrid





Order Limits

Sheet index outline

Proposed permanent design details

Proposed full line tension gantry

Proposed standard lattice pylon location

Proposed overhead line alignment - new

Proposed permanent access (no physical works)

Norwich Main Substation

Norwich Main Substation Extension

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.

Proposed overland flows

Probable overland flow pathways (Environment Agency)

Overland flows

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

1. This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.

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5. These plans depict the indicative Project overland flow routes. These routes connect with the theoretical Environment Agency (EA) probable overland flow pathway dataset that is shown on this plan. As the dataset has been produced by a third party, the contents of the dataset shown are indicative only.

6. The EA probable overland flow pathways are a polyline vector dataset that describes the probable locations accumulation of water over the Earth's surface where it is assumed that there is no absorption of water through the soil. © Environment Agency copyright and/or database right 2023. All rights reserved.

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

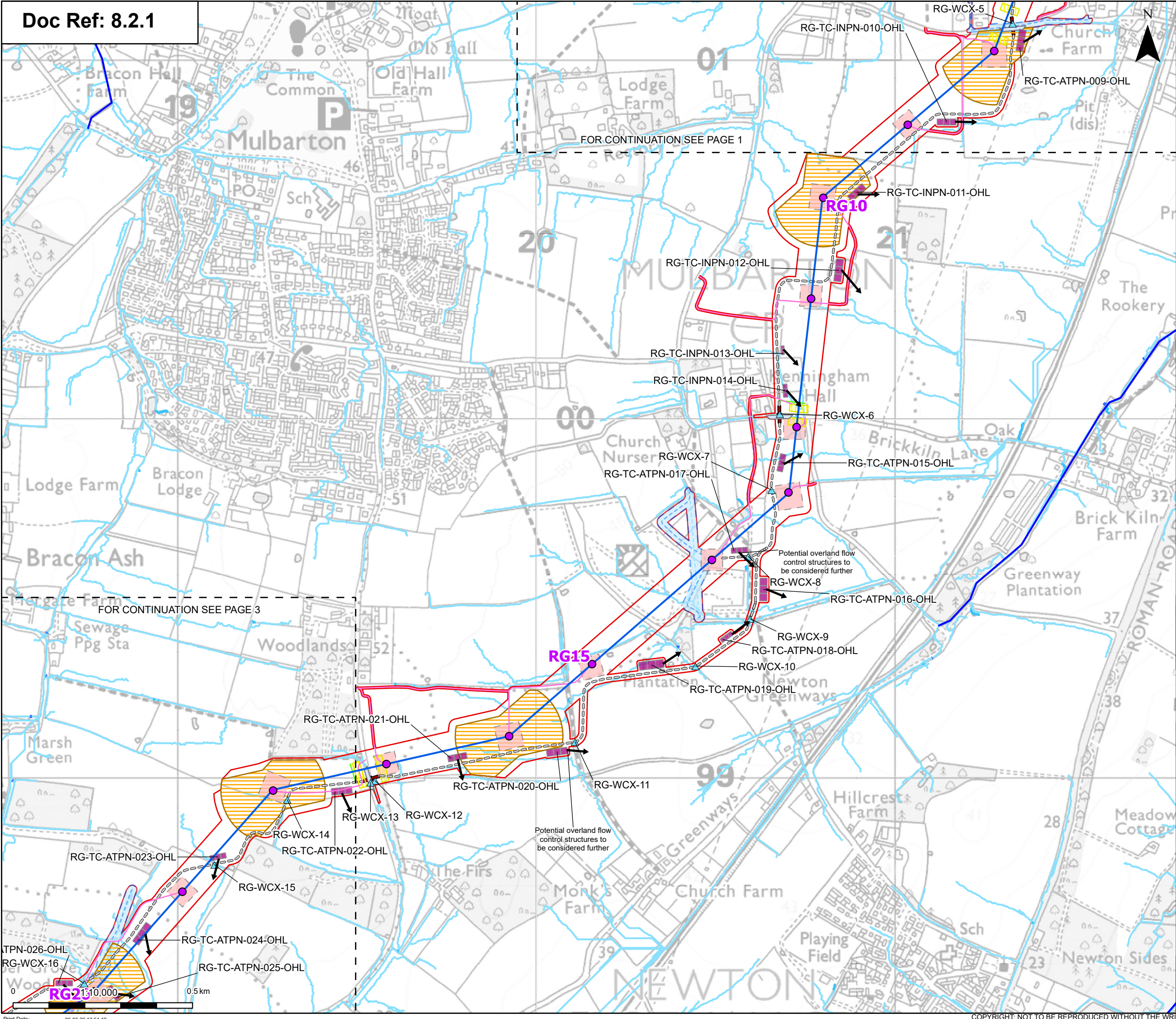
Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section A
Page 1 of 63

Designed	TL	Date	July 2026
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Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index cutline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
 - < 3 Degrees
 - 3 - 7 Degrees
 - 7 - 12 Degrees
 - > 12 Degrees
 - Rivers (OS Open Rivers)

Notes:

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nationalgrid **PROJCT:**

Norwich to

Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy -

Appendix B - Overland Flow Routes

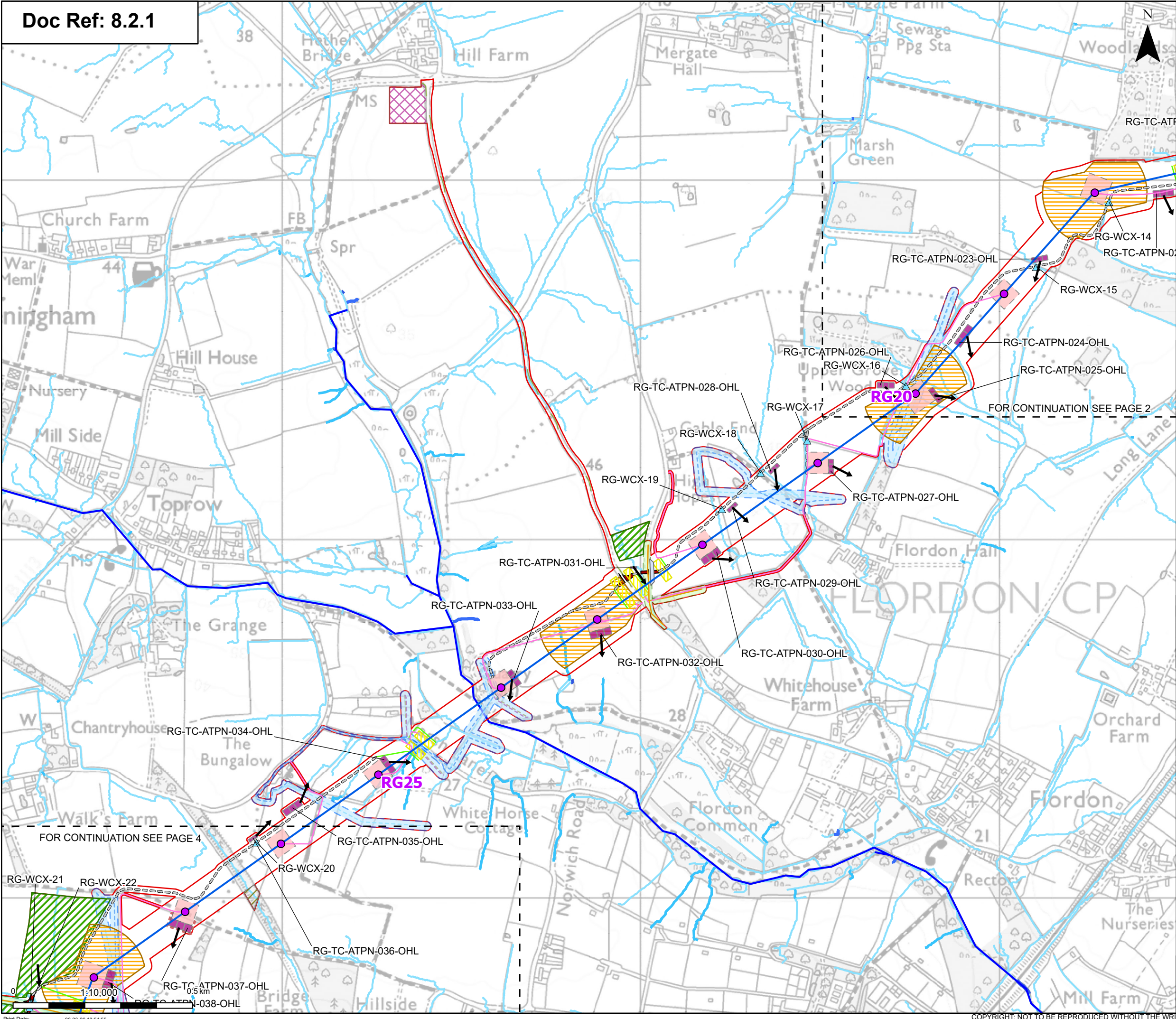
Section A

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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index cutline

Proposed permanent design details

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- Proposed overhead line alignment - new
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed Verge (Hitching)
- 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 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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

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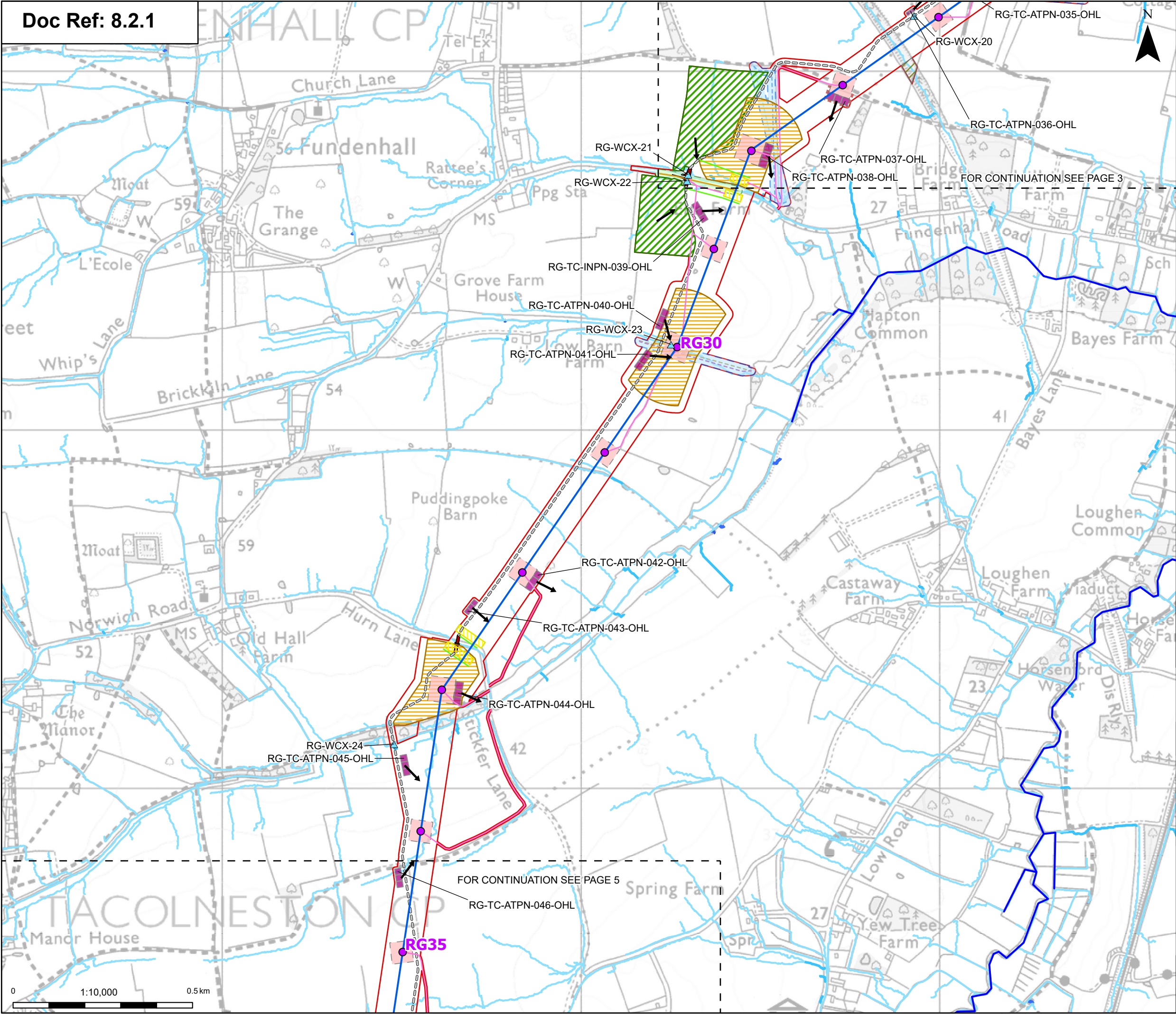
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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid
Norwich to
Tilbury

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

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
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Suitability Description:			
Accepted as Concept Stage			
Drawing Number: AENC-MMAC-ENG-REP-0011			Revision: B



Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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 overhead line crossing protection access route

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 PRoV diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert

Proposed overland flows

- Probable overland flow pathways (Environment Agency)
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

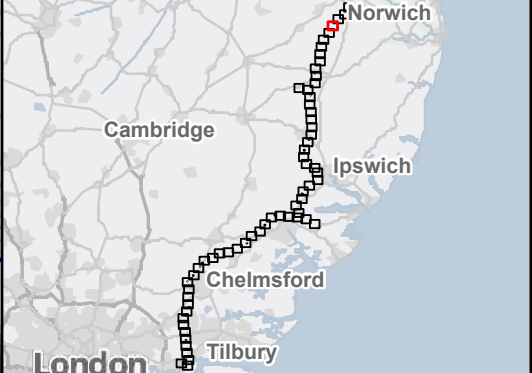
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FOR CONTINUATION SEE PAGE 3

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PROJECT:
nationalgrid Norwich to Tilbury

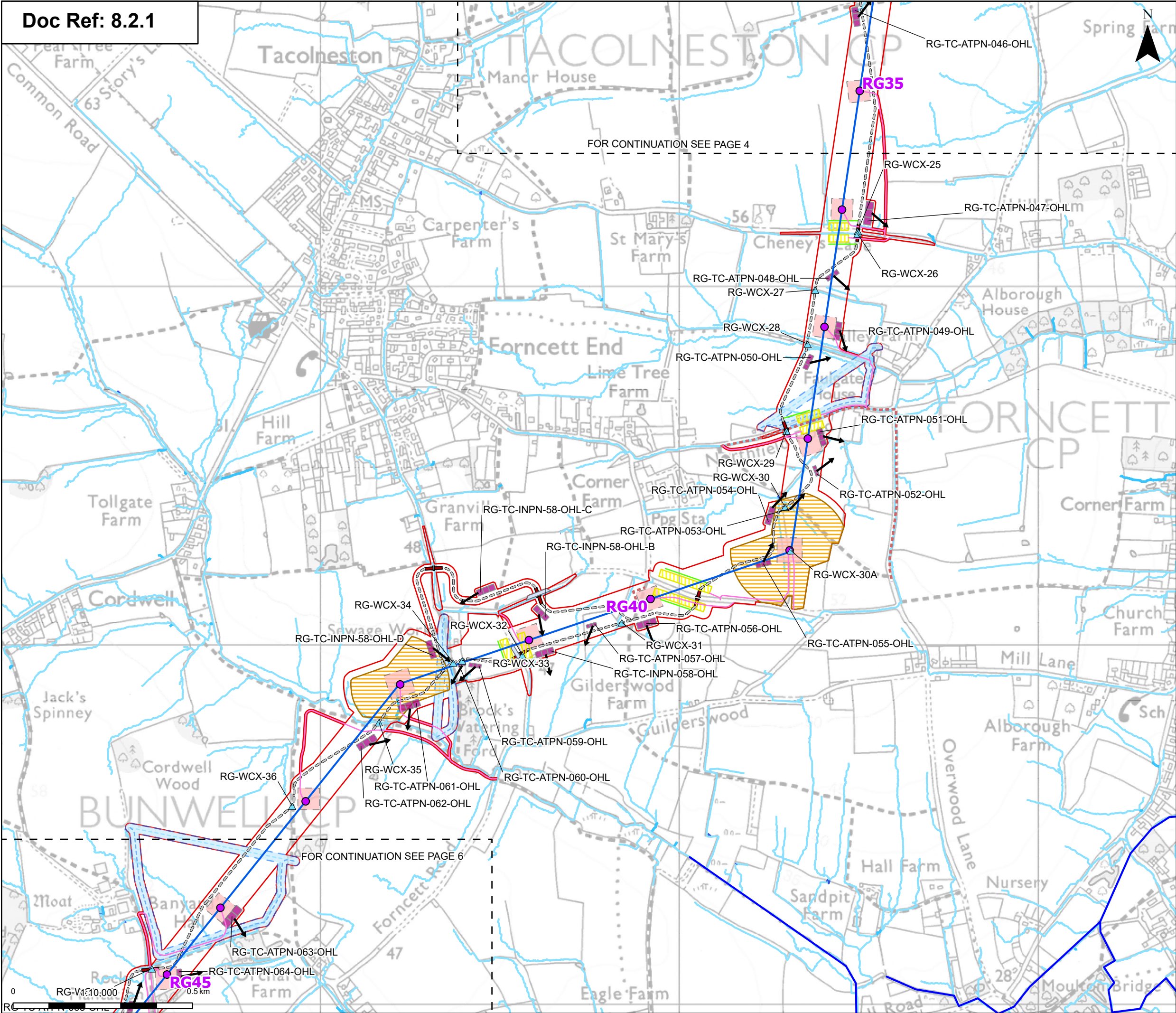
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section A
Page 4 of 63

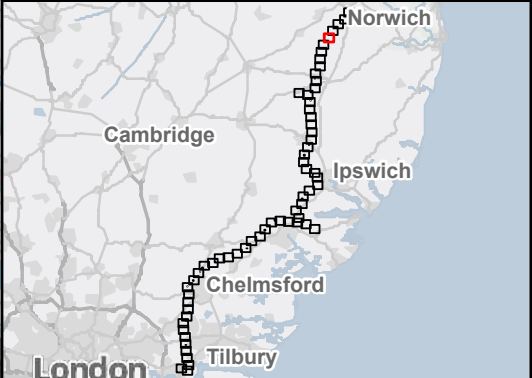
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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	Order Limits		Proposed pylon construction work area
	Sheet index outline		Proposed overhead line pulling location
Proposed permanent design details			Proposed UKPN overhead line mitigation work area (wood pole line)
	Proposed standard lattice pylon location		Proposed bellmouth staking
	Proposed overhead line alignment - new		Proposed ProW diversions
	Proposed permanent access (no physical works)		Proposed overhead line access watercourse crossing - culvert
	Proposed 11kV overhead line alignment		Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.
	Proposed 11kV underground cable alignment mitigation		
Proposed temporary design details		Proposed overland flows	
	Proposed overhead line construction SuDS basin		→ Overland flows
	Proposed site access point		Probable overland flow pathways (Environment Agency)
	Proposed temporary hard road		< 3 Degrees
	Proposed overhead line crossing protection access route		3 - 7 Degrees
	Proposed overhead line crossing protection work area		7 - 12 Degrees
			> 12 Degrees
			Rivers (OS Open Rivers)

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

nationalgrid PROJECT:
Norwich to
Tilbury

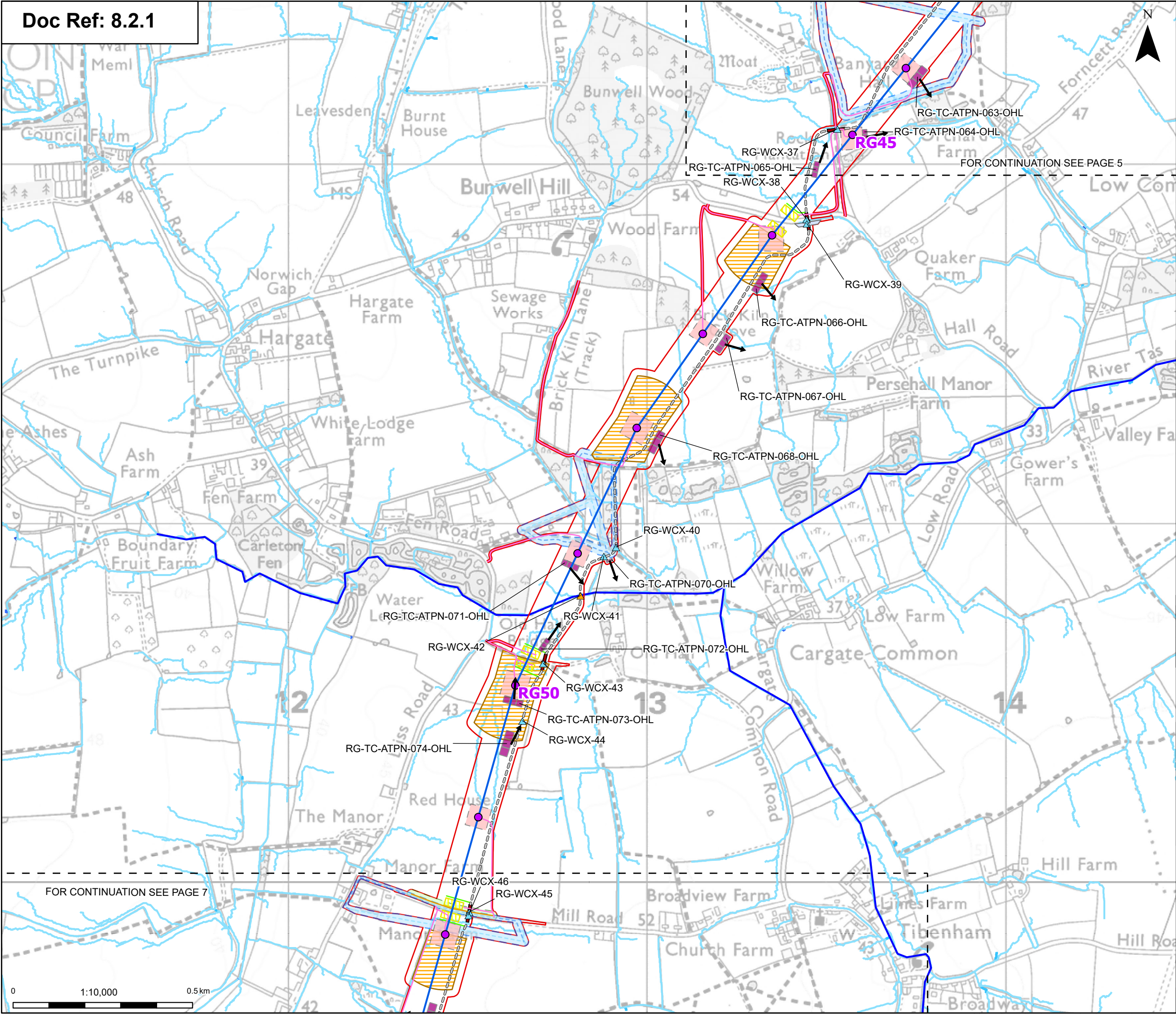
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Regulation 5(2)(a)

Title: Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section A
Page 5 of 63

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Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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Norwich

Ipswich

Chelmsford

Tilbury

London

Cambridge

B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

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

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section A Page 6 of 63

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Drawn	BC	Date	July 2026
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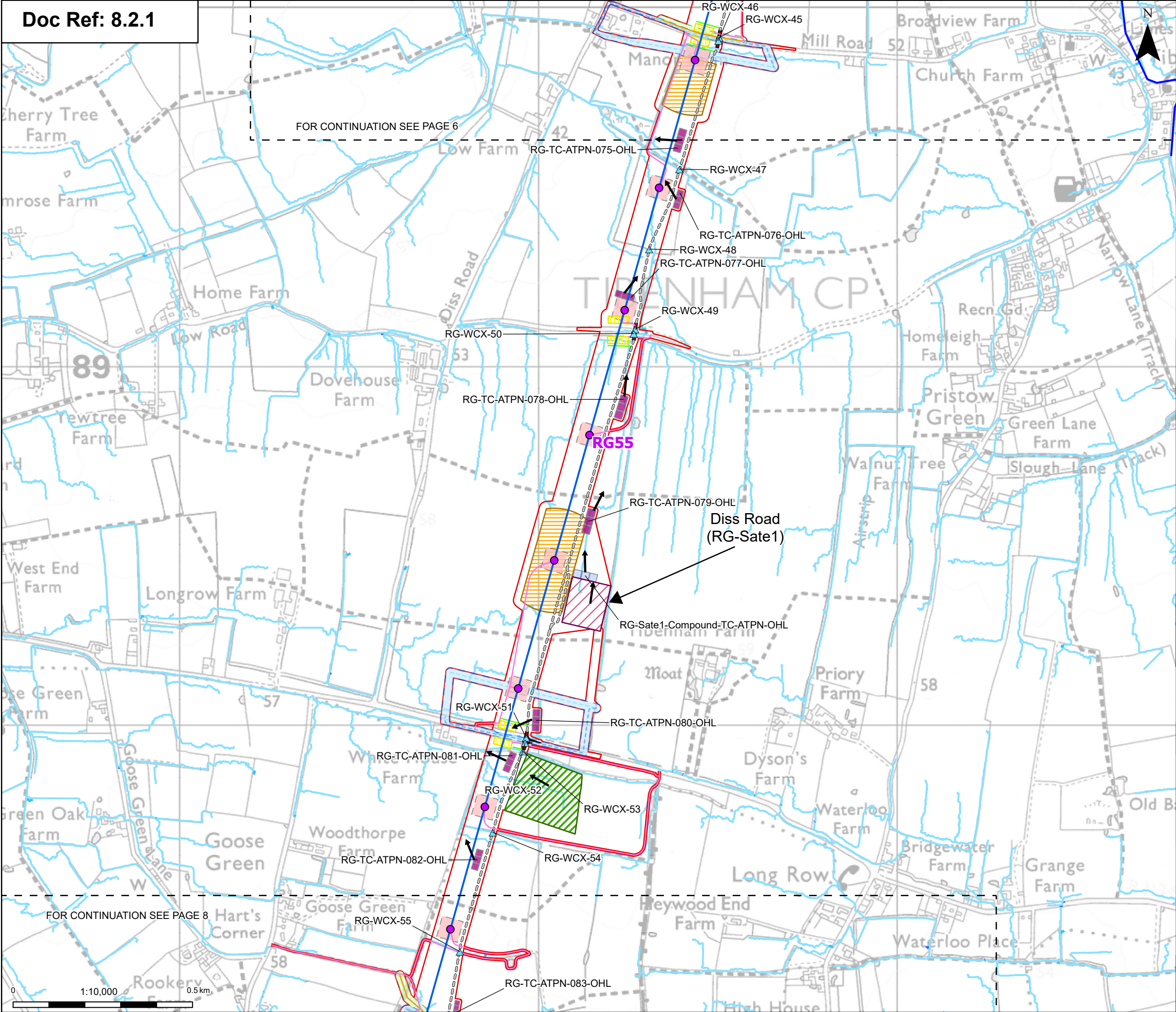
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Revision:

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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

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 compounds SuDS

Proposed overhead line access watercourse crossing - culvert

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

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

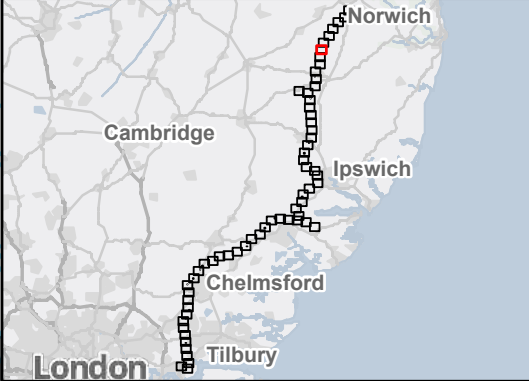
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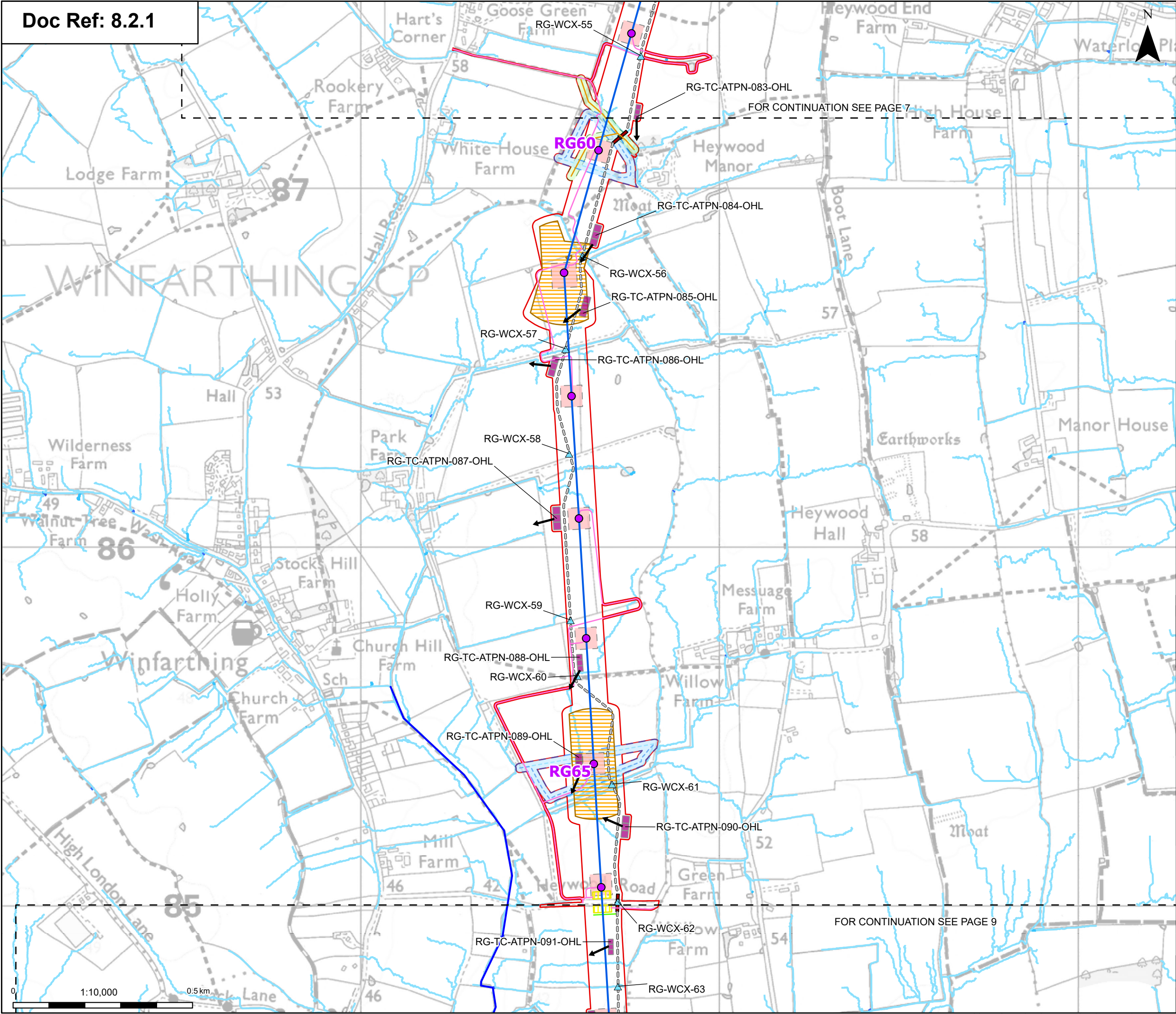
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Order Limits

- Sheet index outline

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- Proposed overhead line alignment - new
- 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

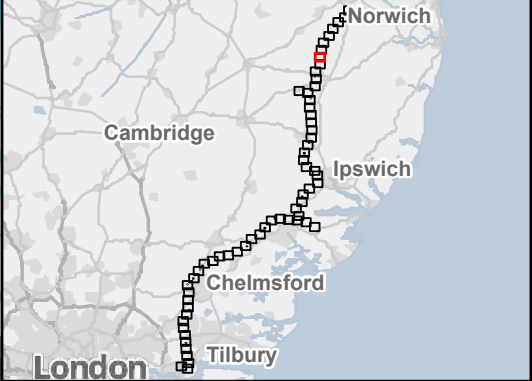
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- > 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

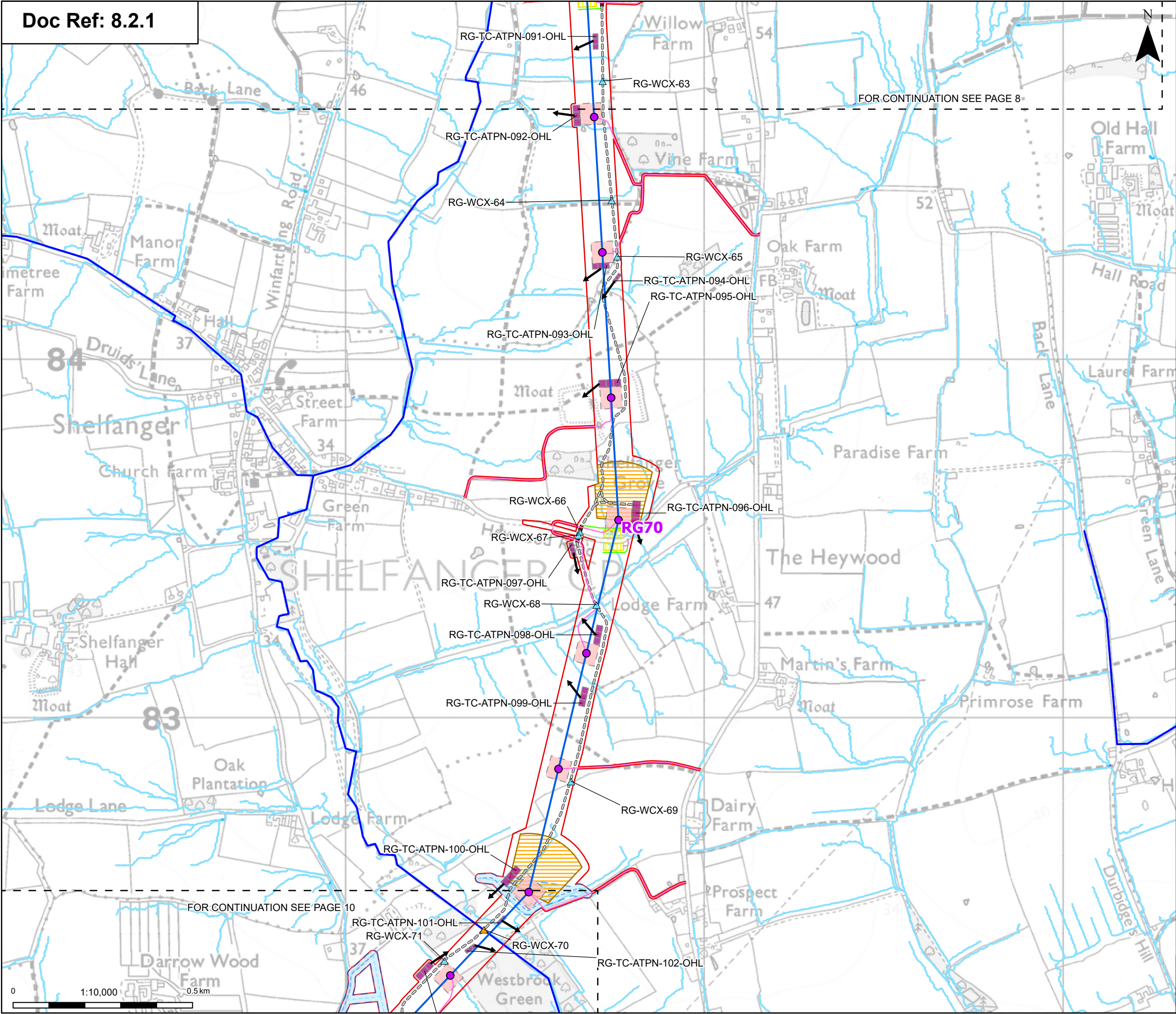
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section A
Page 8 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number:	Revision:
AENC-MMAC-ENG-REP-0011	B



Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

Proposed permanent access (no physical works)

Proposed 11kV overhead line mitigation

Proposed 11kV underground cable alignment mitigation

Proposed overhead line crossing protection work area

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 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.

Proposed overland flows

Probable overland flow pathways (Environment Agency)

Overland flows

< 3 Degrees

> 3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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Norwich

Ipswich

Chelmsford

Tilbury

London

Cambridge

B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes

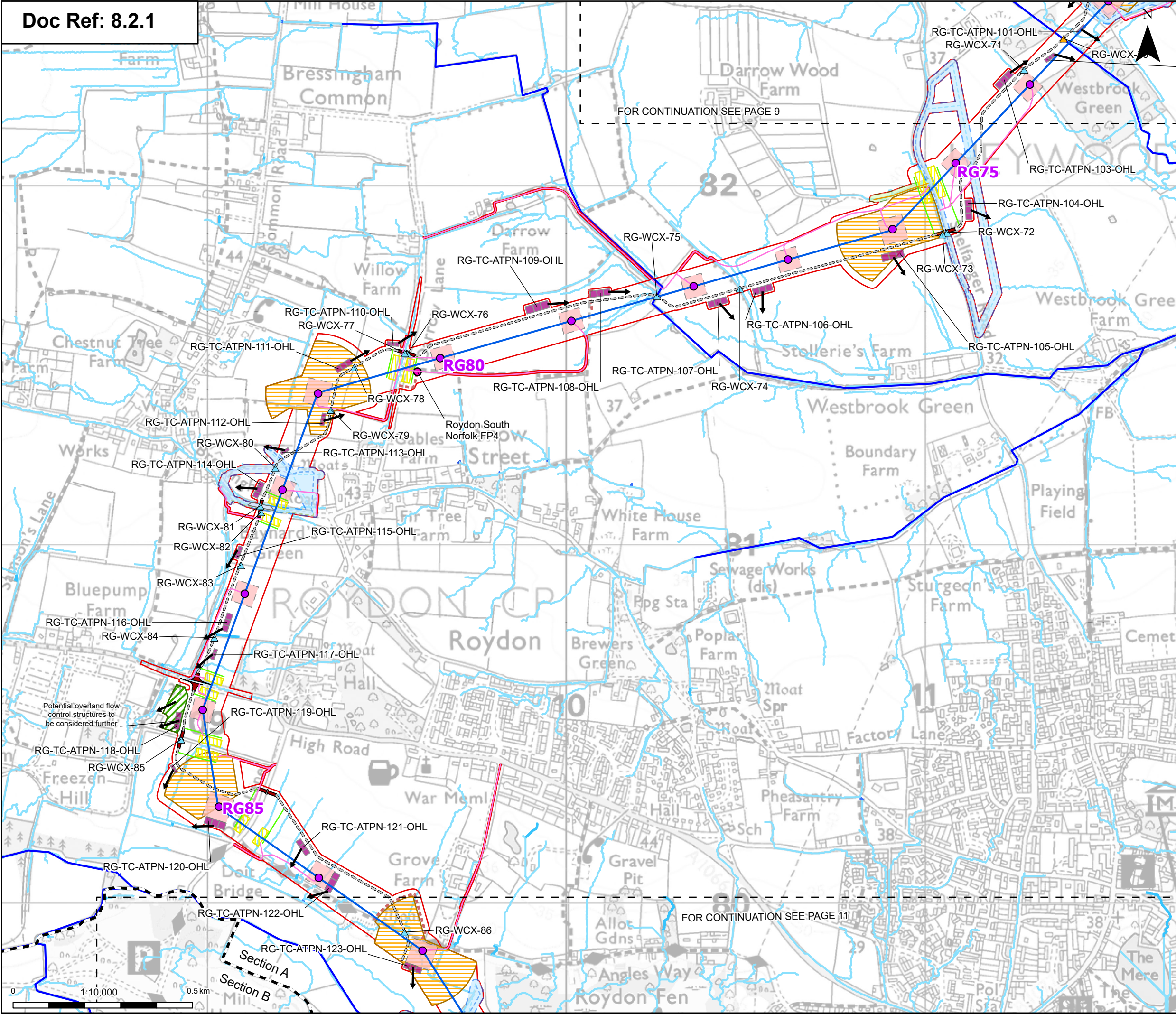
Section A

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Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:			Revision:
AENC-MMAC-ENG-REP-0011			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 - new
- 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 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 temporary design details

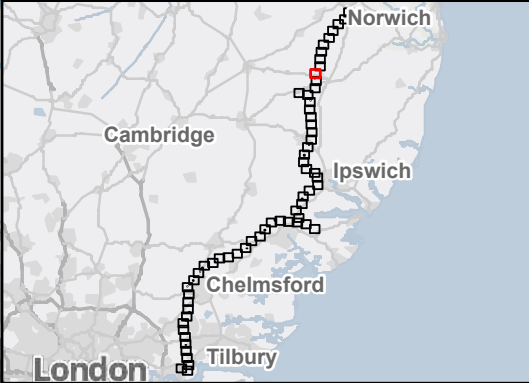
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed BT overhead line mitigation work area
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge
- Proposed PRoW temporary diversions - watercourse crossings

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS

PROJECT:
nationalgrid Norwich to Tilbury

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

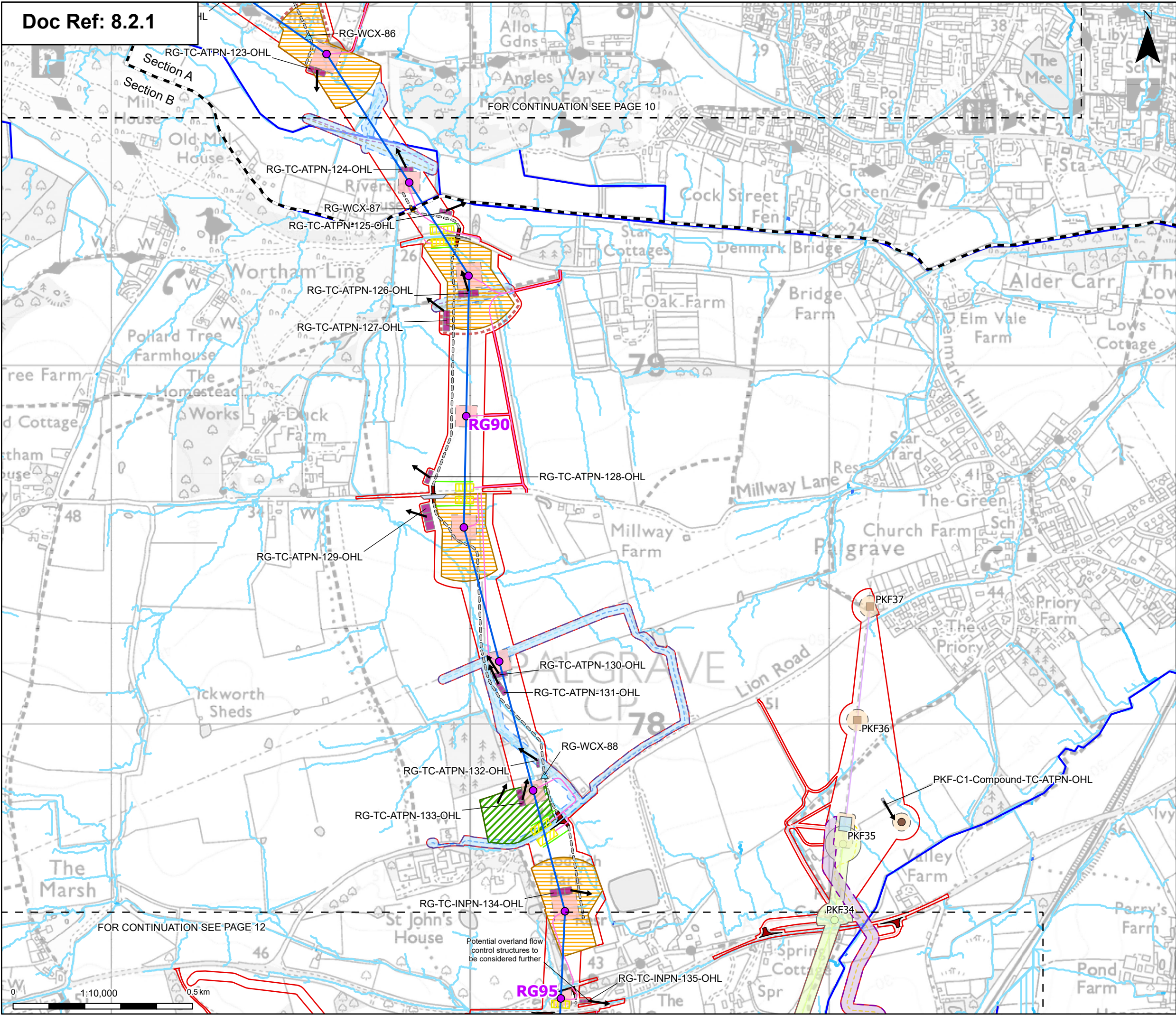
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Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Sections A and B
Page 10 of 63

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Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:
AENC-MMAC-ENG-REP-0011

Revision:
B



Order Limits

Sheet index outline

Project section line

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new (to be modified)

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 UKPN compound SuDS

Proposed bellmouth stacking

Proposed PRoV 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.

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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Rev	Date	Description	Drawn	Check	Approv
B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS

PROJECT:
nationalgrid Norwich to Tilbury

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

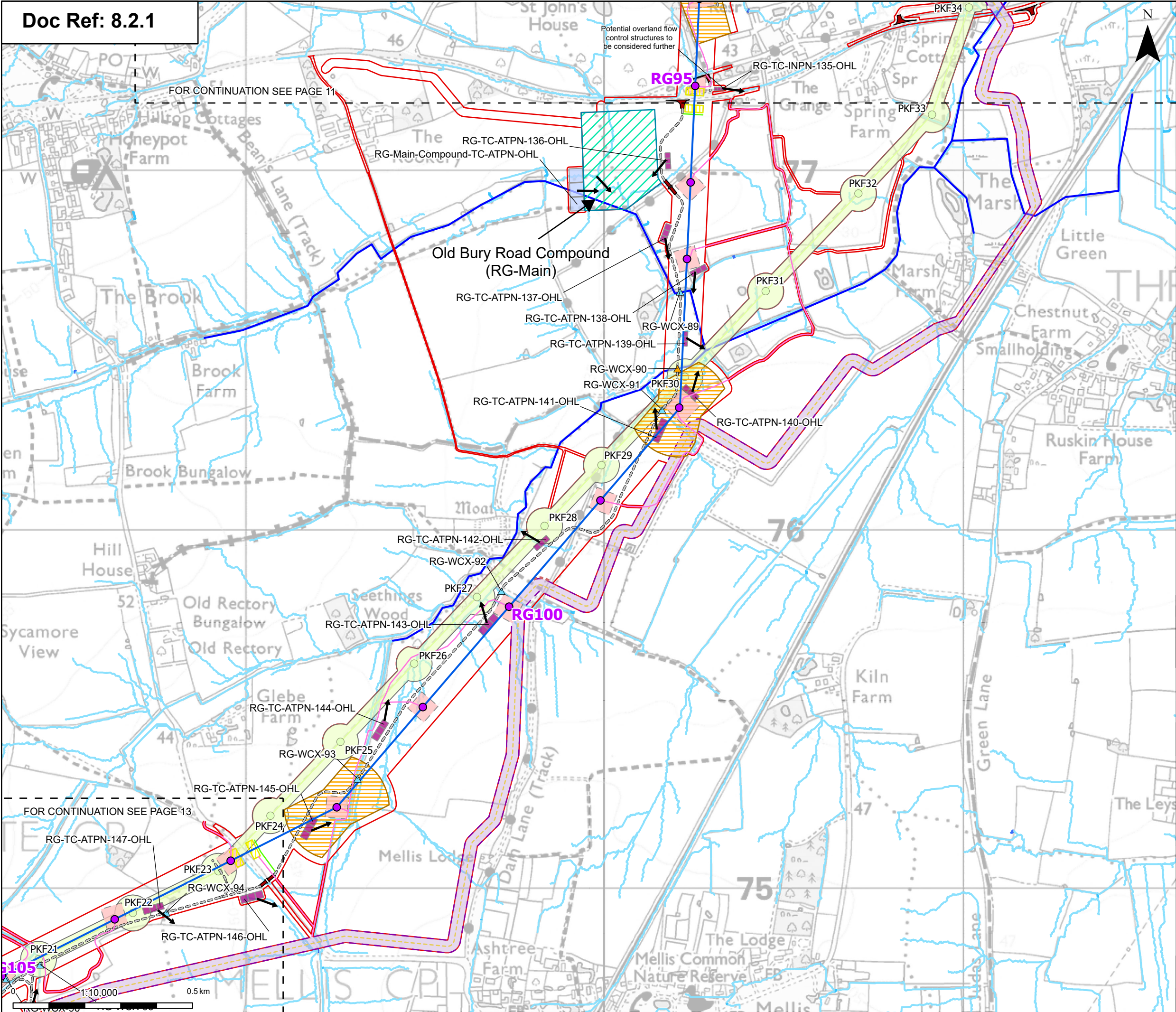
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Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Sections A and B
Page 11 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new (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 lower dismantle assets
- Proposed overhead line compounds SuDS
- 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.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

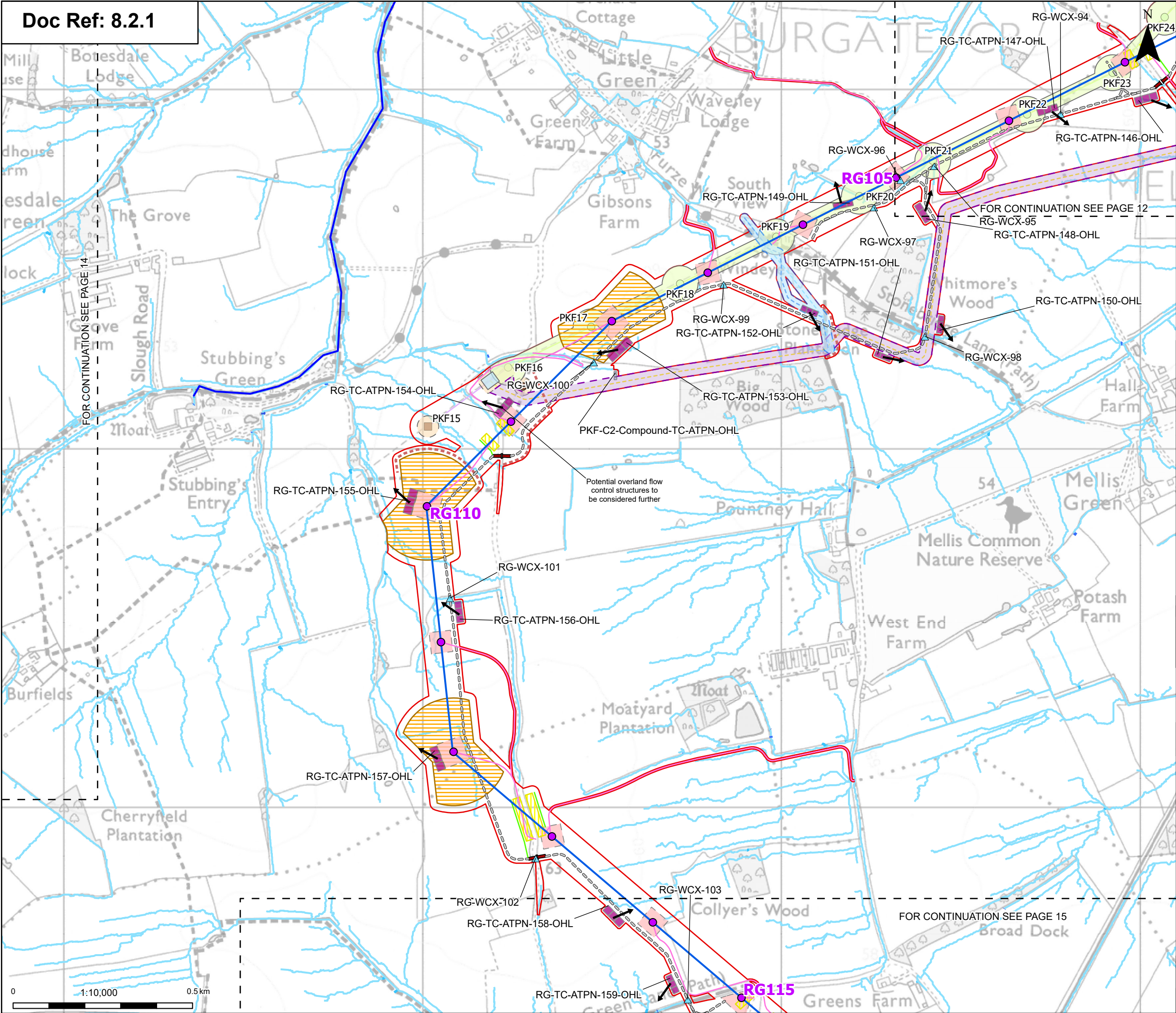
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section B

Page 12 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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- Order Limits
- Sheet index outline
- Proposed permanent design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment - new
 - Proposed permanent access (no physical works)
 - 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 Existing Centreline (Modified)
 - 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 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 UKPN compound SUDS**
- Proposed PRowN diversions**
- Proposed overhead line access watercourse crossing - culvert**
- Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

- Proposed overland flows**
 - Overland flows
 - Probable overland flow pathways (Environment Agency)
 - < 3 Degrees
 - 3 - 7 Degrees
 - 7 - 12 Degrees
 - > 12 Degrees
 - Rivers (OS Open Rivers)

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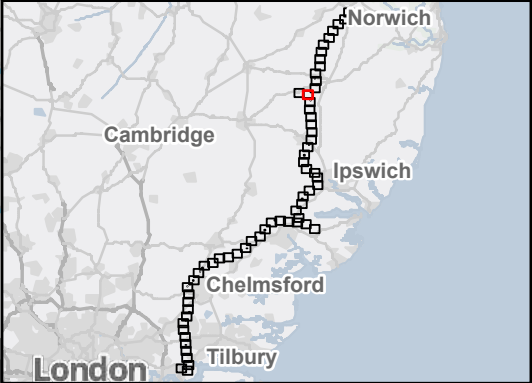
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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

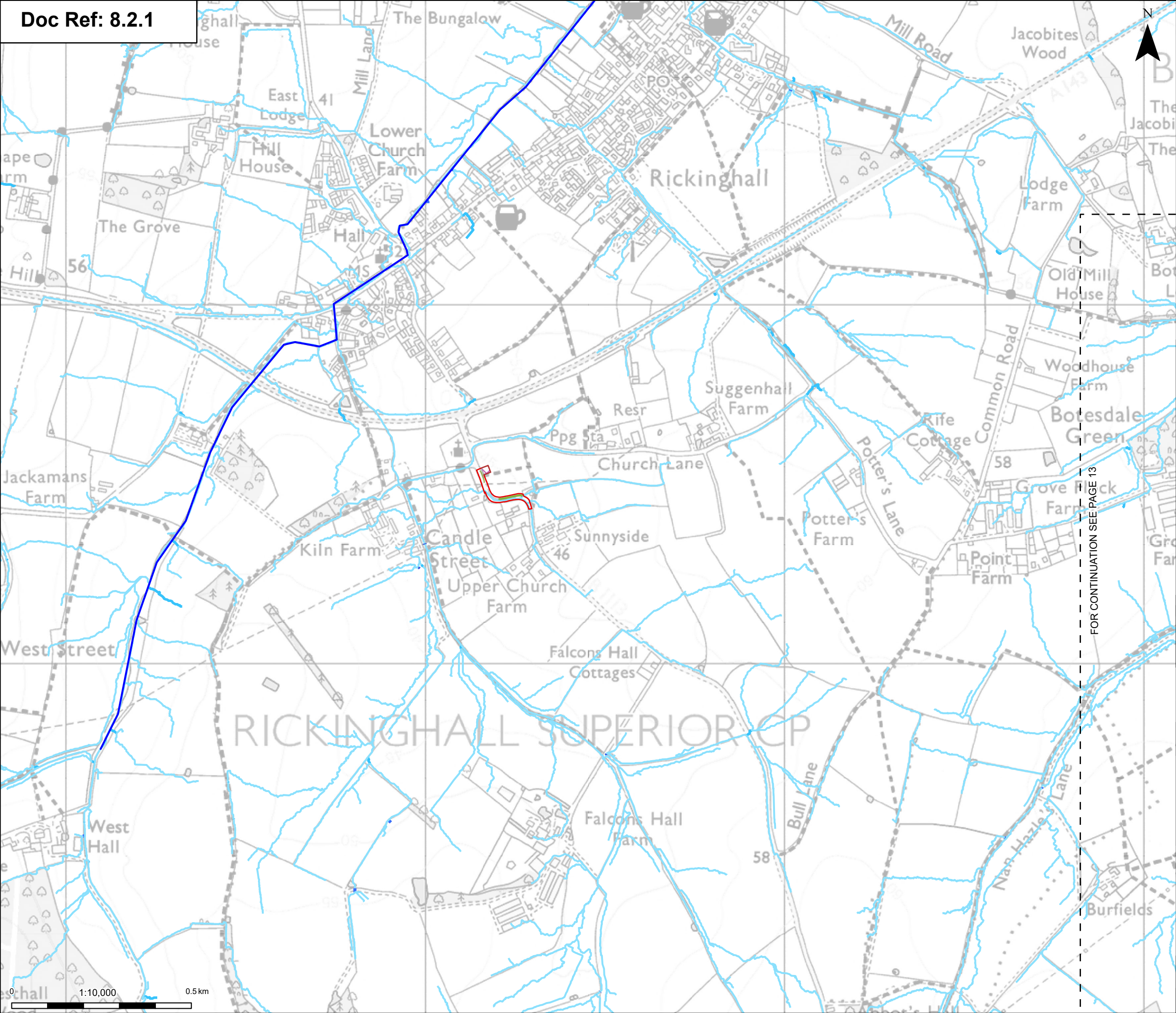
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section B
Page 13 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index outline

Proposed Verge (Hatching)

Proposed highways mitigation compounds

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

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Probable overland flow pathways (Environment Agency)

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Norwich

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Chelmsford

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London

Cambridge

FOR CONTINUATION SEE PAGE 13

B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes

Section B

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Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
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Suitability Code:	A2	Project Number:	100107850

Suitability Description:

Accepted as Concept Stage

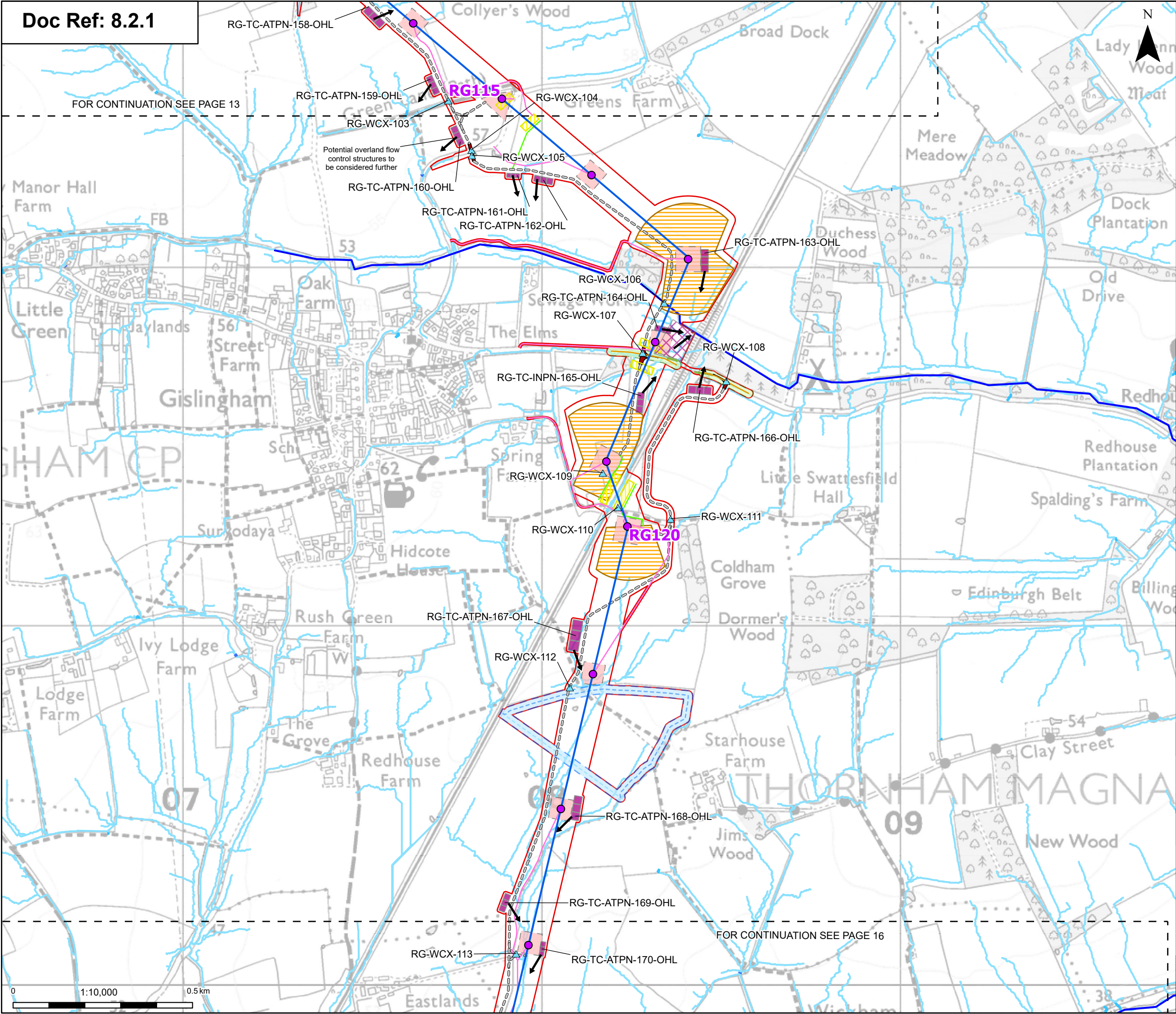
Drawing Number:

AENC-MMAC-ENG-REP-0011

Revision:

B

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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

Proposed permanent access (no physical works)

Proposed BT overhead line mitigation

Proposed Verve (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 - Temporary

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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

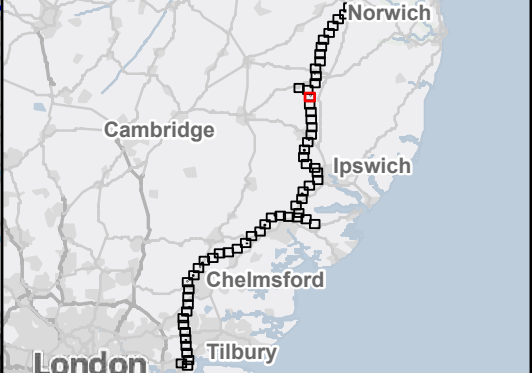
7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

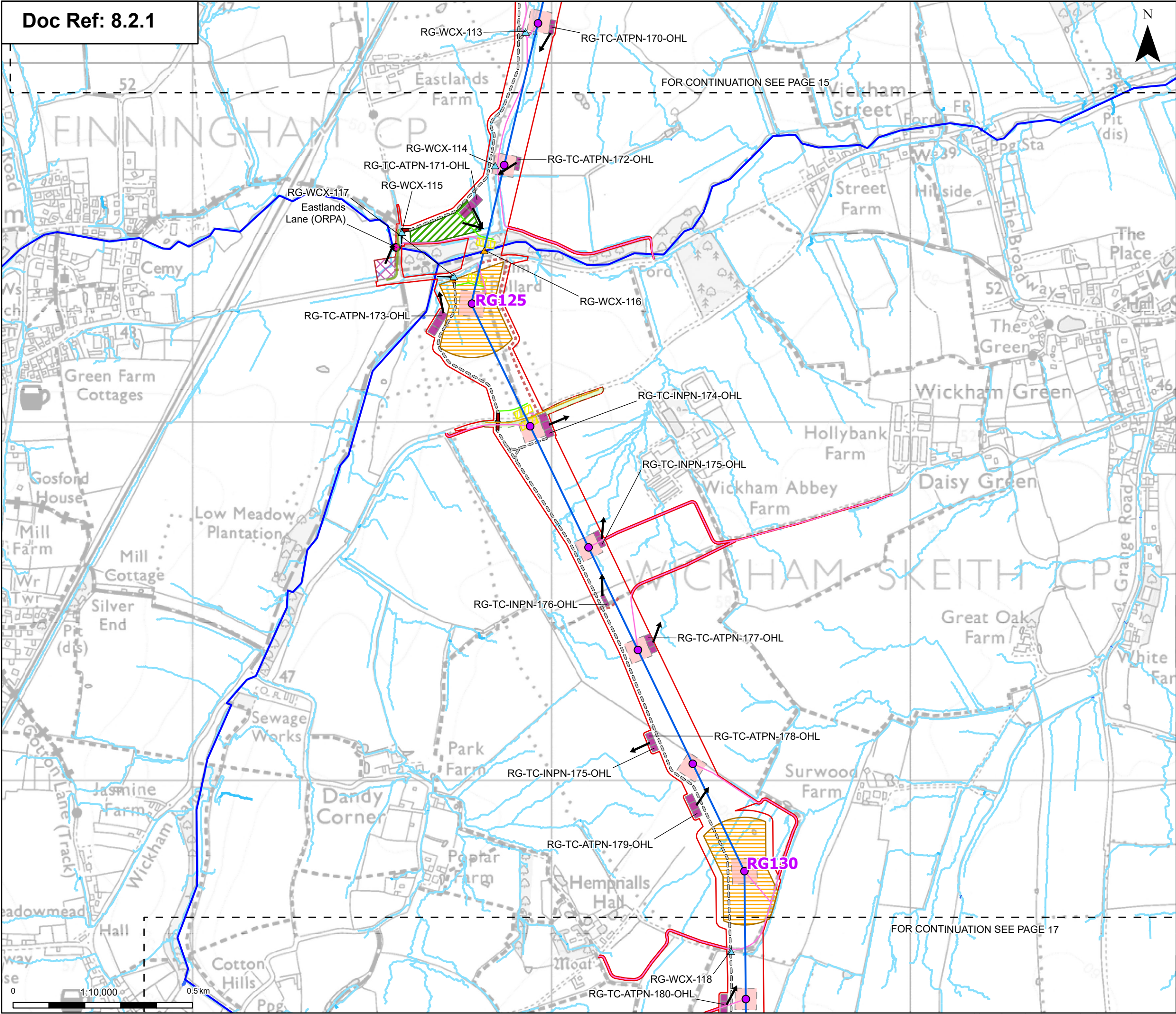
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section B
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Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
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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 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
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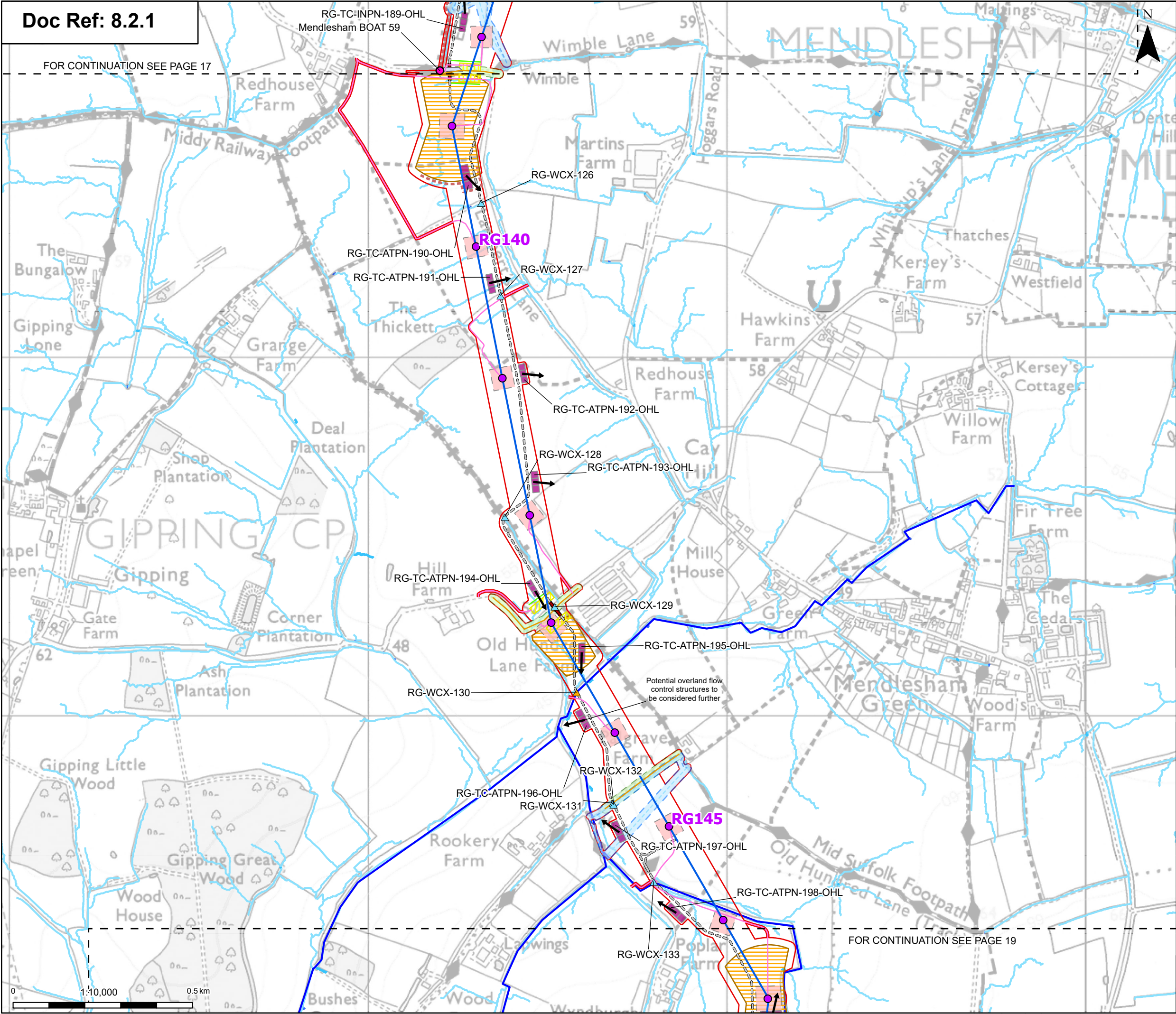
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Suitability Description:
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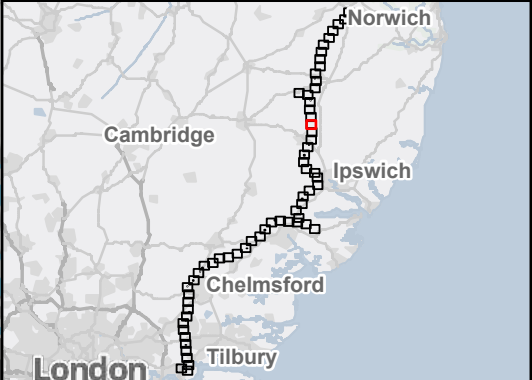
Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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FOR CONTINUATION SEE PAGE



- | | | | |
|---|---|---|---|
|  | Order Limits |  | Proposed UKPN overhead line mitigation work area (wood pole line) |
|  | Sheet index outline |  | Proposed BT overhead line mitigation work area |
| Proposed permanent design details | |  | Proposed bellmouth stacking |
|  | Proposed standard lattice pylon location |  | Proposed PProV diversions |
|  | Proposed overhead line alignment - new |  | Proposed overhead line access watercourse crossing - culvert |
|  | Proposed permanent access (no physical works) |  | Proposed overhead line access watercourse crossing - bridge |
|  | Proposed BT overhead line mitigation |  | Proposed PProV temporary diversions - watercourse crossings |
|  | Proposed 11kV overhead line mitigation | Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. | |
|  | Proposed 11kV underground cable alignment | | |
| Proposed temporary design details | | Proposed overhead flows | |
|  | Proposed overhead line construction SuDS basin |  Overland flows
Probable overhead flow pathways (Environment Agency) | |
|  | Proposed site access point |  < 3 Degrees
 3 - 7 Degrees
 7 - 12 Degrees
 > 12 Degrees
 Rivers (OS Open Rivers) | |
|  | 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 | | |

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

nationalgrid PROJECT:
Norwich to
Tilbury

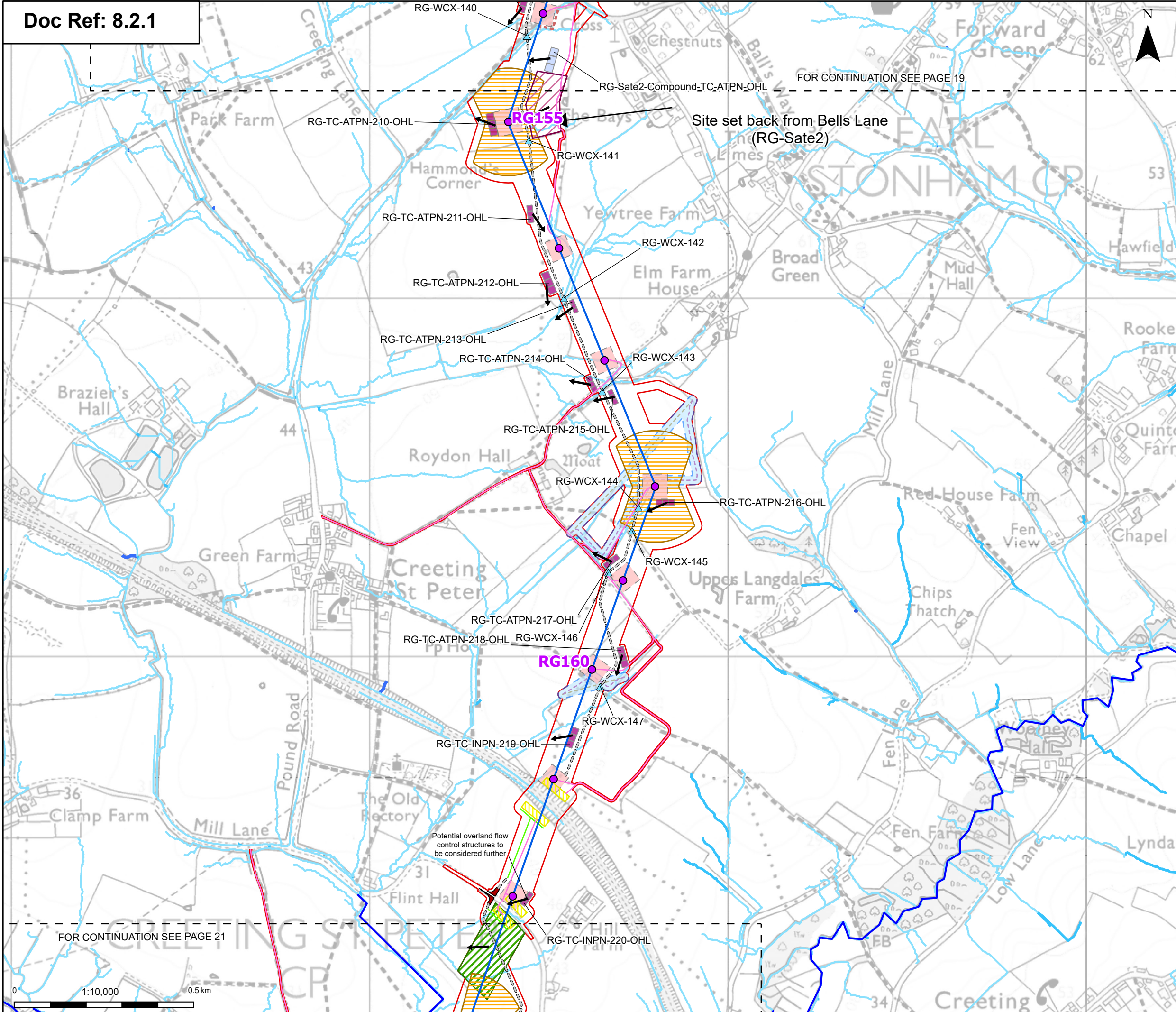
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Regulation 5(2)(a)

Title: Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section B
Page 18 of 63

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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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 compounds SuDS
- 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 overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

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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 8.2.1 - Drainage Strategy -

Appendix B - Overland Flow Routes

Section B

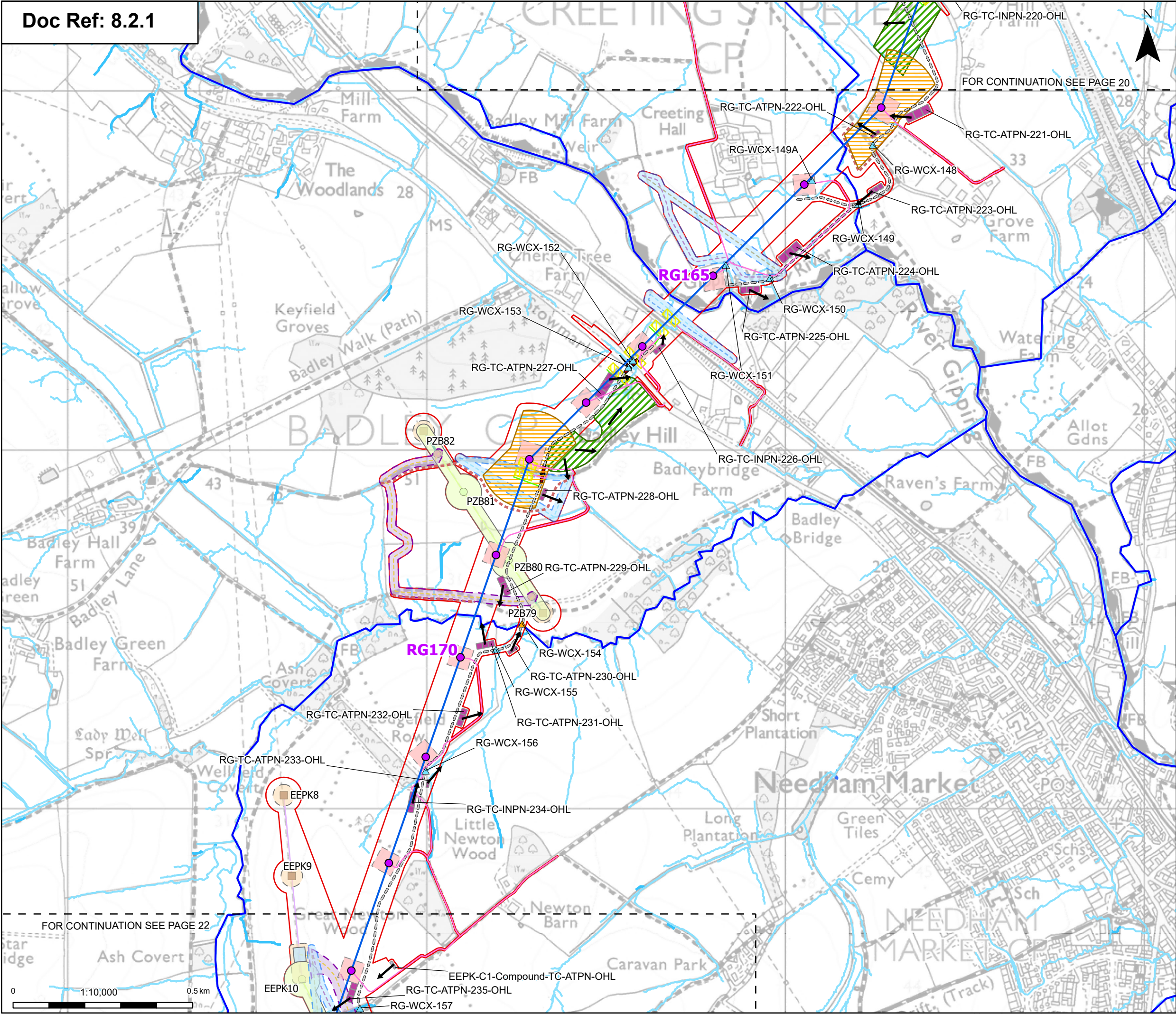
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Approved	LS	Date	July 2026
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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

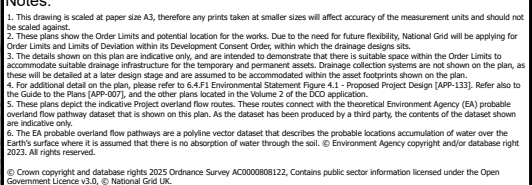
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed UKPN compound SuDS
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed overhead line access watercourse crossing - bridge

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
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- > 12 Degrees
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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

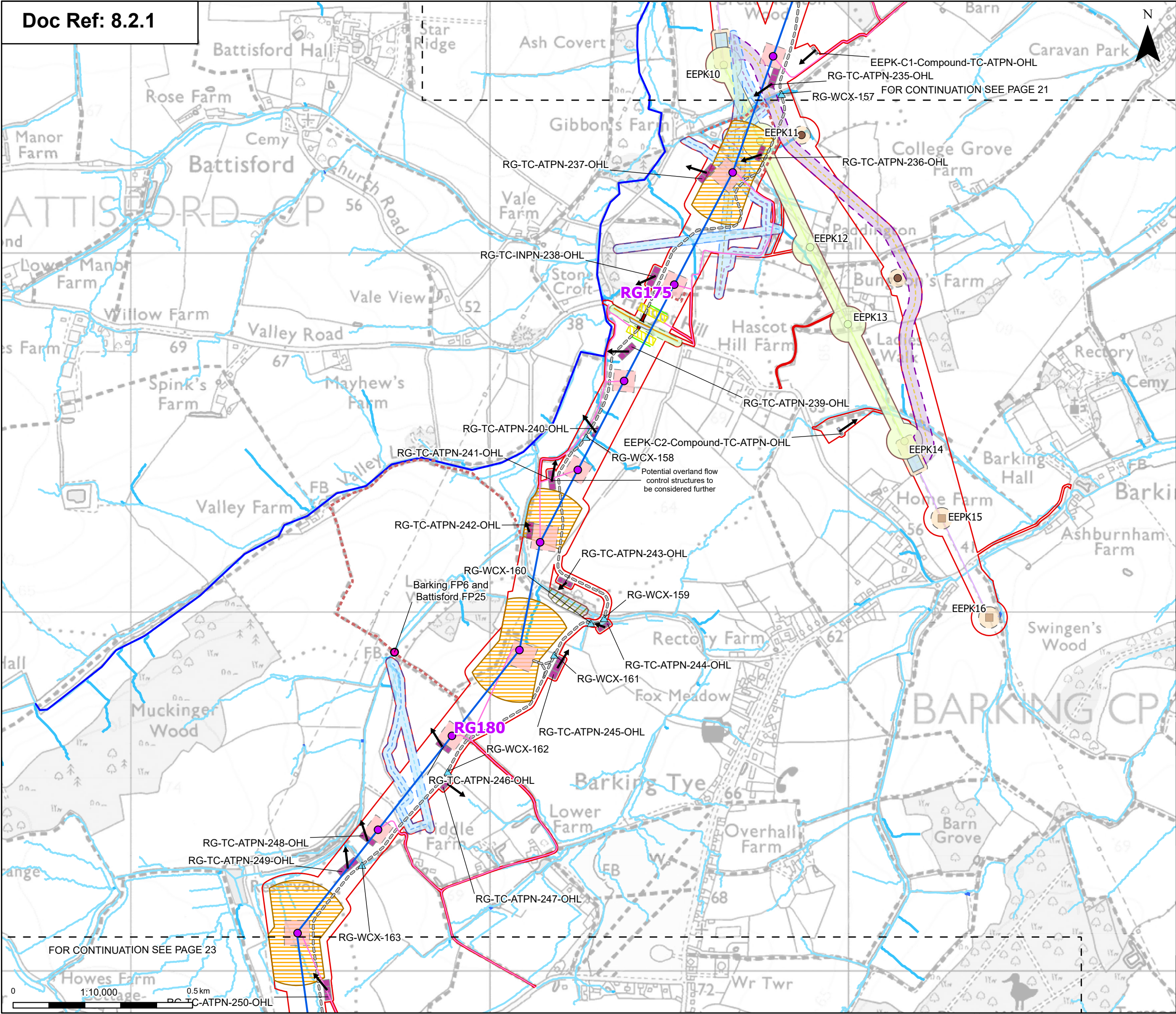
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Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:
AENC-MMAC-ENG-REP-0011

Revision:
B



Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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 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

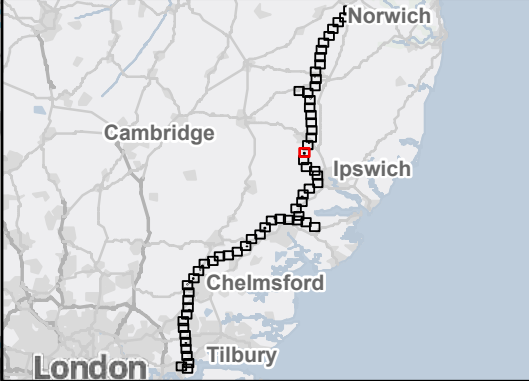
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed overhead line access watercourse crossing - culvert
- Proposed UKPN compound SuDS
- Proposed bellmouth stacking
- Proposed PProV diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert
- Proposed PProV temporary diversions - watercourse crossings

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

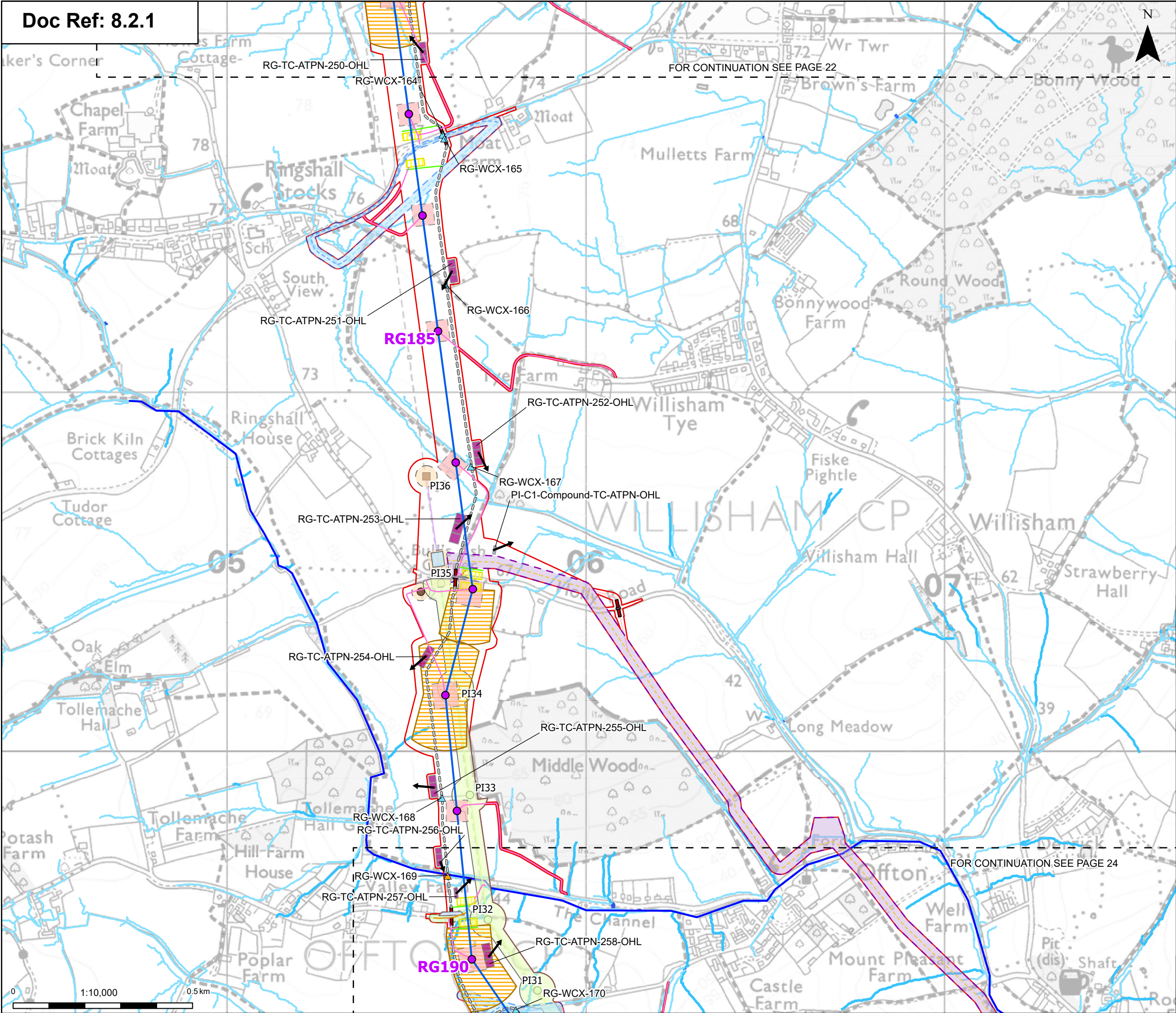
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Figure 8.2.1 - Drainage Strategy -
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Drawn	BC	Date	July 2026
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Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:	AENC-MMAC-ENG-REP-0011	Revision:	B
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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

Proposed permanent access (no physical works)

Proposed BT overhead line mitigation

Proposed 11kV overhead line mitigation

Proposed BT overhead line mitigation alignment

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 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 overhead line temporary works

Proposed BT overhead line mitigation work area

Proposed UKPN compound SuDS

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.

Overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
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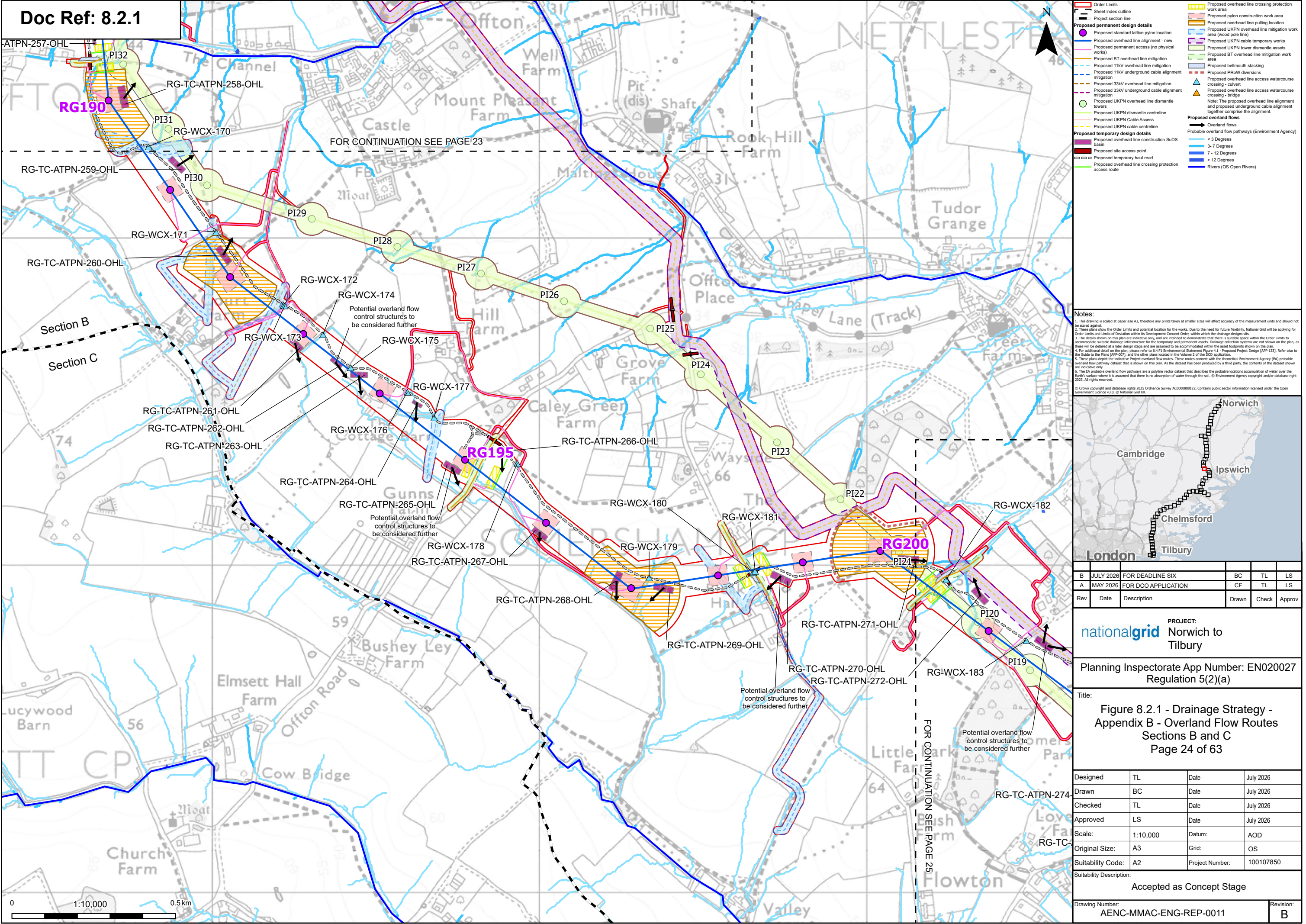
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Accepted as Concept Stage

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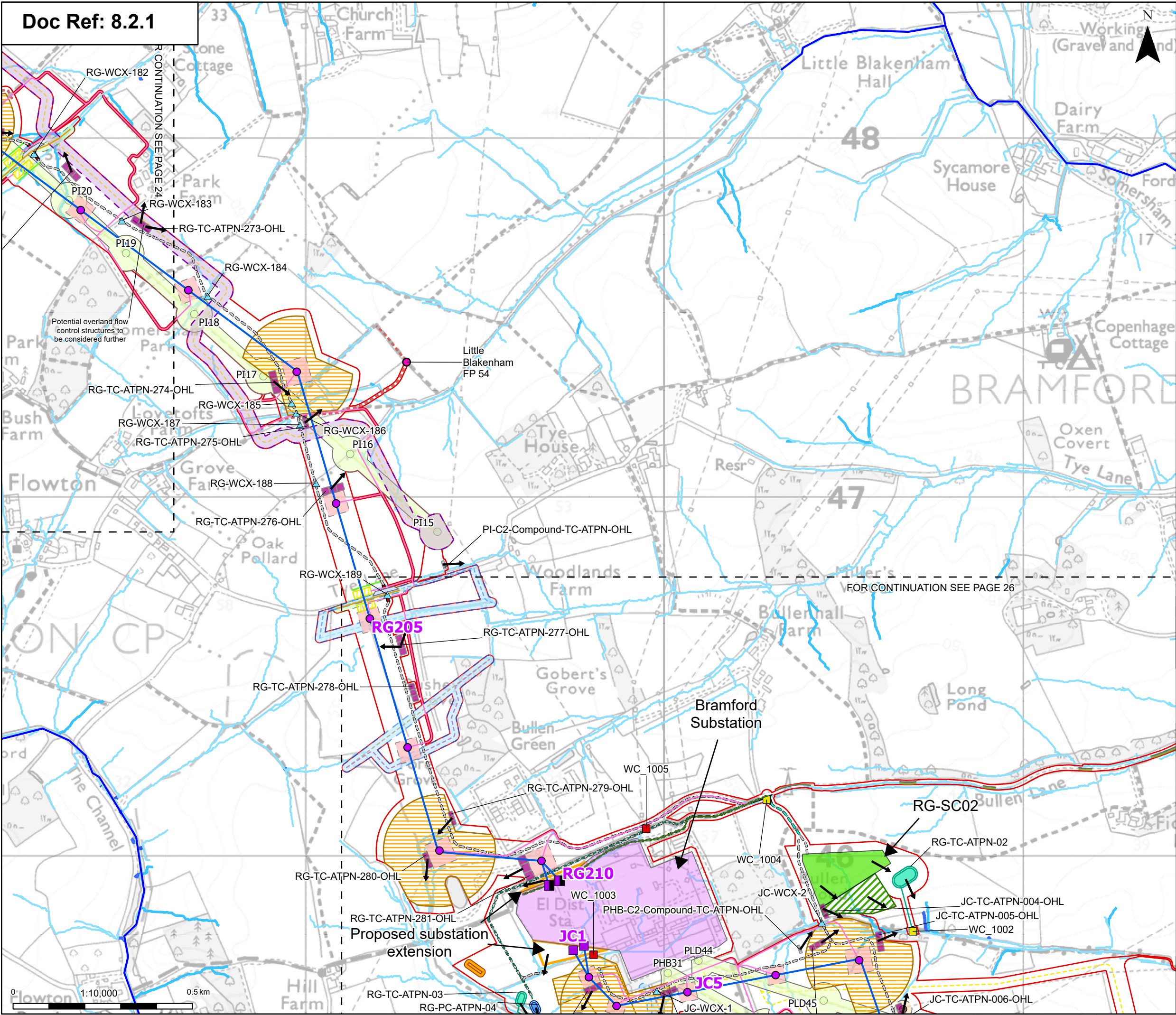
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Order Limits

Sheet index outline

Proposed permanent design details

Proposed full line tension gantry

Proposed low duty gantry

Proposed standard lattice pylon location

Proposed overhead line alignment - new

Proposed permanent access (no physical works)

Proposed BT overhead line mitigation

Proposed Bramford Substation Extension

Bramford Substation

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 towers

Proposed UKPN dismantle centreline

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 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 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 UKPN compound SuDS

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

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

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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2. These plans show the Order Limits and potential location for the works. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its Development Consent Order, within which the drainage designs sits.

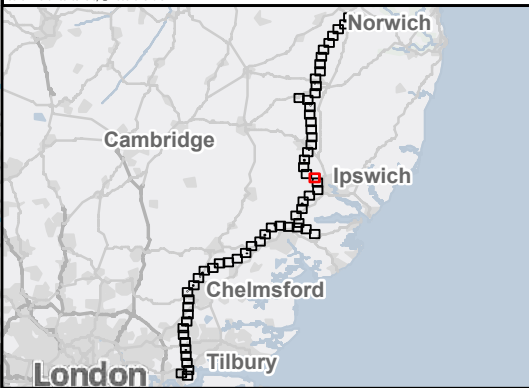
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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

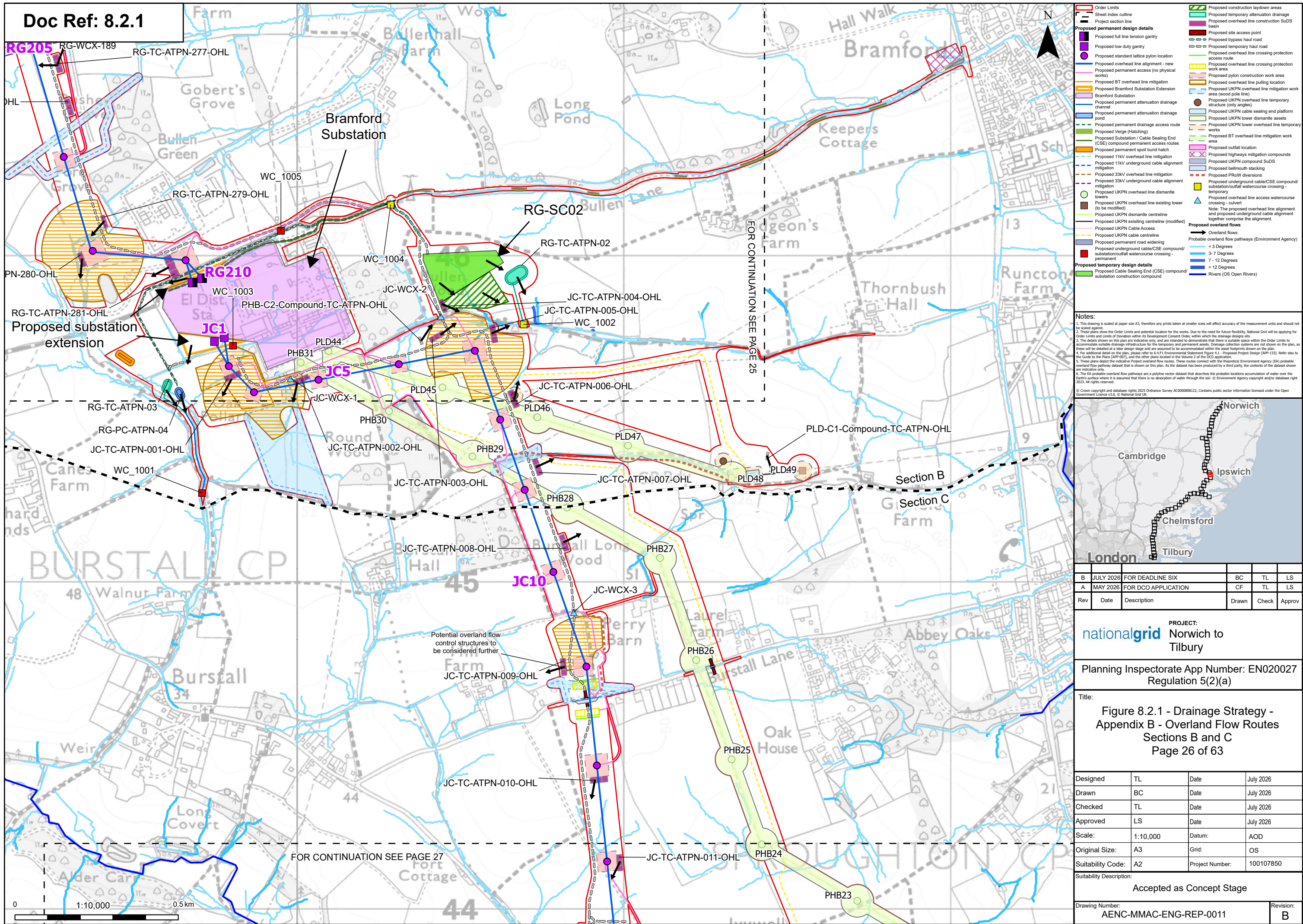
PROJECT:
nationalgrid Norwich to Tilbury

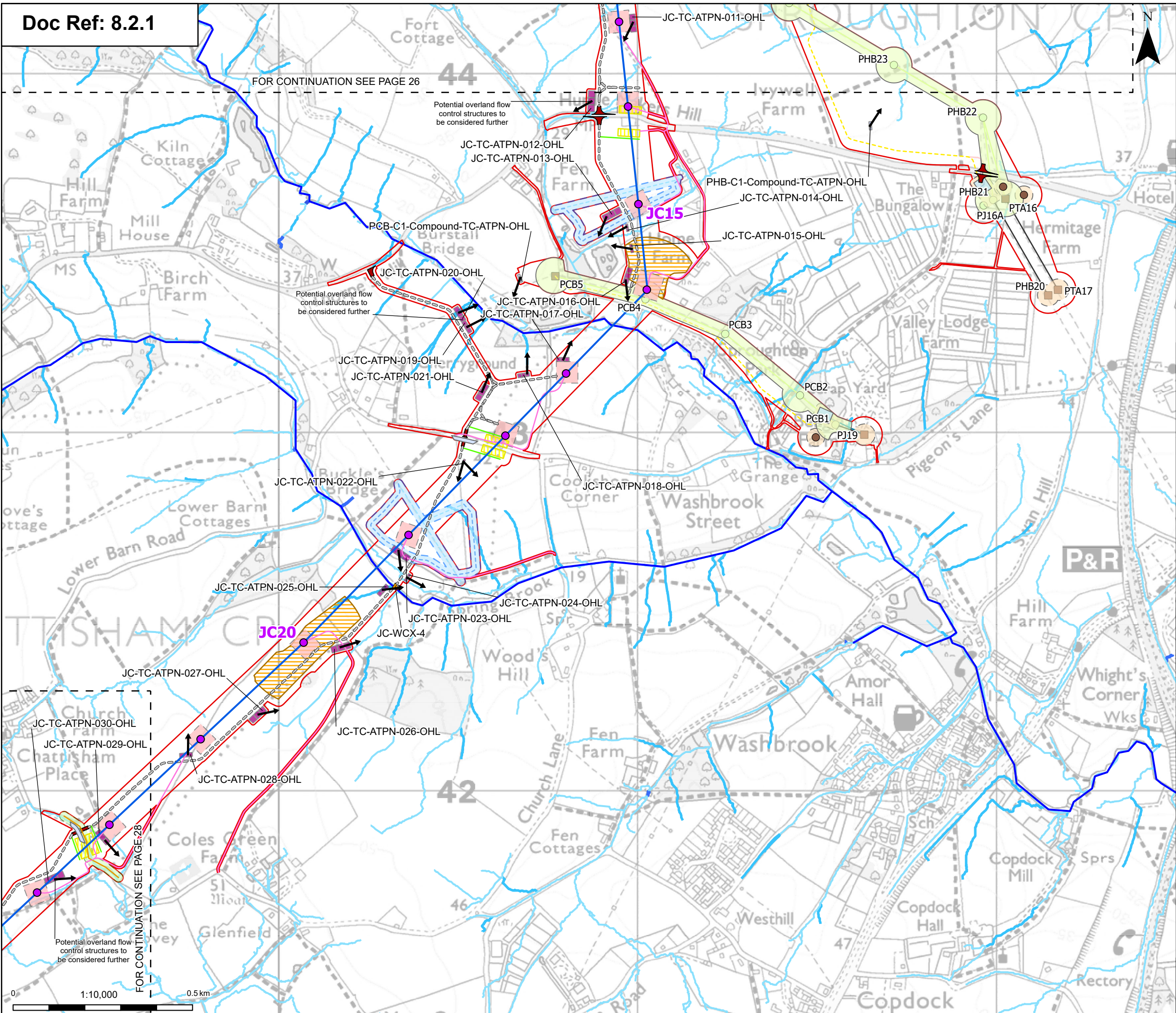
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section B
Page 25 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:	Accepted as Concept Stage		

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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 lowers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN dismantle centreline
- 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 SuDS basin
- Proposed site access point
- Proposed temporary haul road
- Proposed overhead line crossing protection access route

Proposed overhead line crossing protection work area

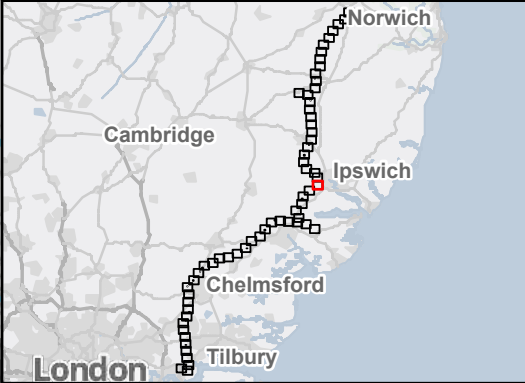
- Proposed pylon construction work area
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work
- Proposed UKPN compound SuDS
- Proposed UKPN compound stacking
- Proposed overhead line access watercourse crossing - bridge

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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Rev	Date	Description	Drawn	Check	Approv
B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS

PROJECT:
nationalgrid Norwich to Tilbury

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

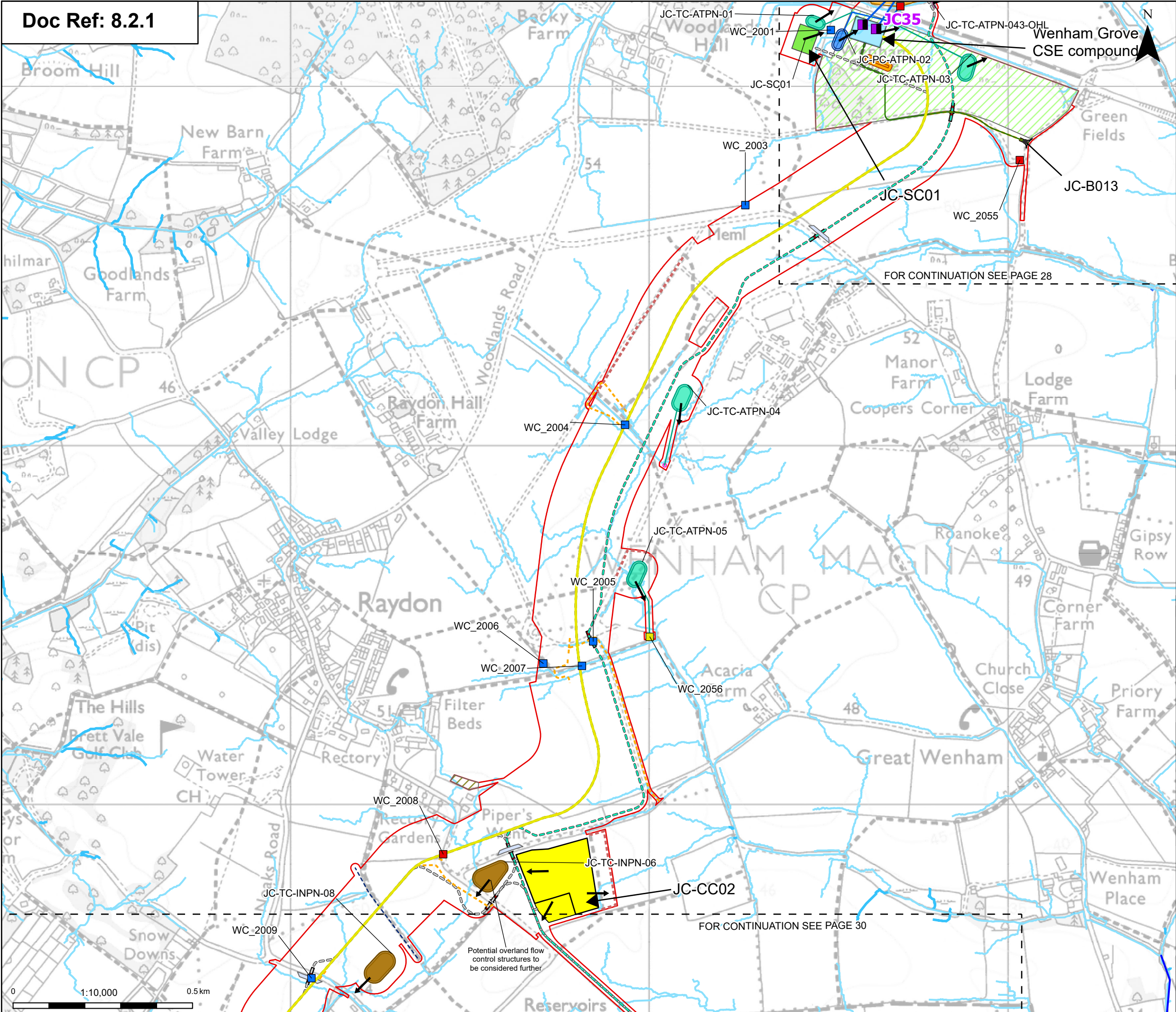
Title:
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section C
Page 27 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:
AENC-MMAC-ENG-REP-0011

Revision:
B



Order Limits

- Sheet index outline
- Proposed permanent design details**
 - Proposed full line tension gantry
 - Proposed overhead line alignment - new
 - 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/oufall wastewater crossing - permanent
 - Proposed underground cable/CSE compound/substation/oufall wastewater 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 temporary design details

- Proposed underground cable/CSE compound/substation/oufall wastewater crossing - temporary

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

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
 - < 3 Degrees
 - 3 - 7 Degrees
 - 7 - 12 Degrees
 - > 12 Degrees
 - Rivers (OS Open Rivers)

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A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

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Planning Inspectorate App Number: EN02027

Regulation 5(2)(a)

Title:

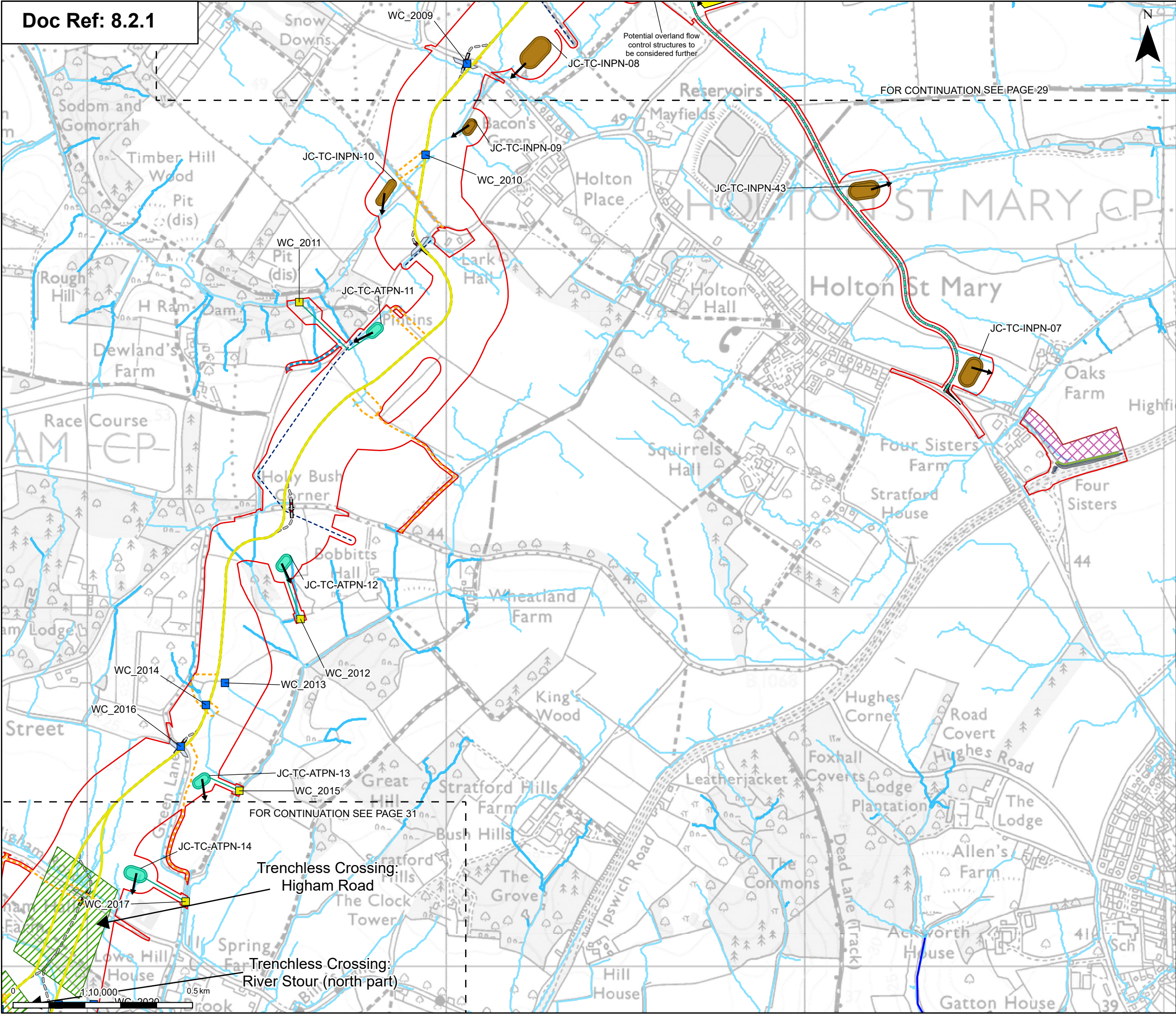
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section C

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Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number:	Revision:
AENC-MMAC-ENG-REP-0011	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 infiltration drainage
- Proposed temporary attenuation drainage
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed UKPN pole uplifting

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3-7 Degrees
- > 7 Degrees
- Rivers (OS Open Rivers)

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.

Notes:

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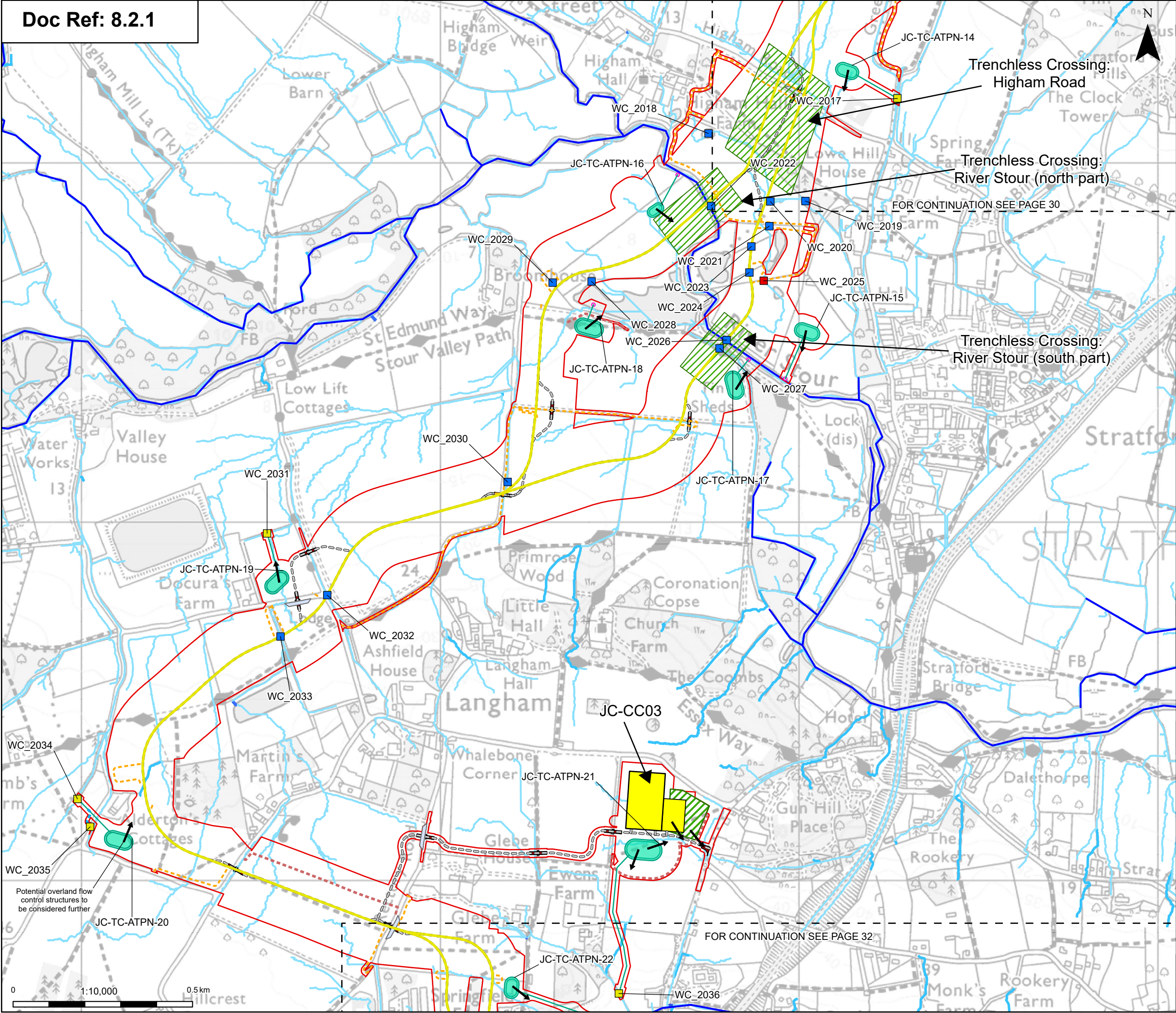
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section C

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Designed	TL	Date	July 2026
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:	Accepted as Concept Stage		
Drawing Number:	AENC-MMAC-ENG-REP-0011		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/ouffair watercourse crossing - permanent

Proposed underground cable/CSE compound/substation/ouffair 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/ouffair watercourse crossing - temporary

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

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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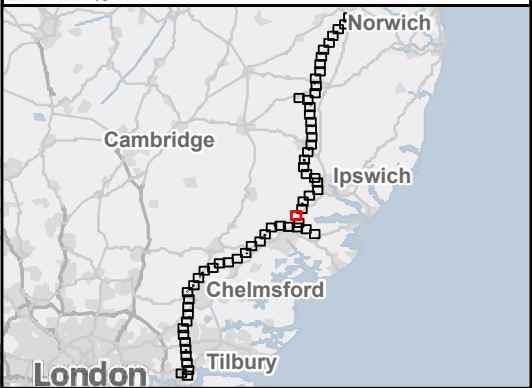
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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

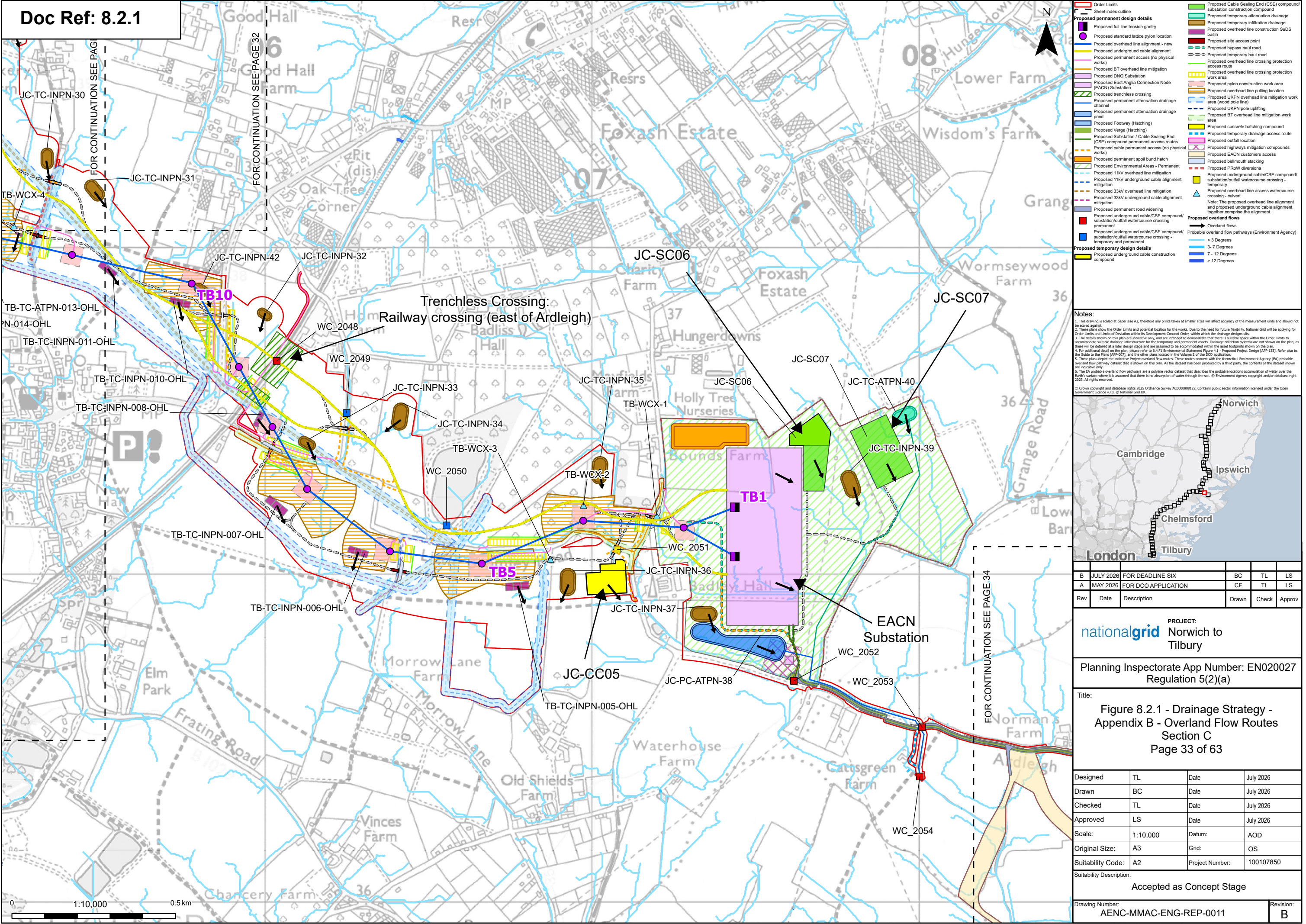
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Regulation 5(2)(a)

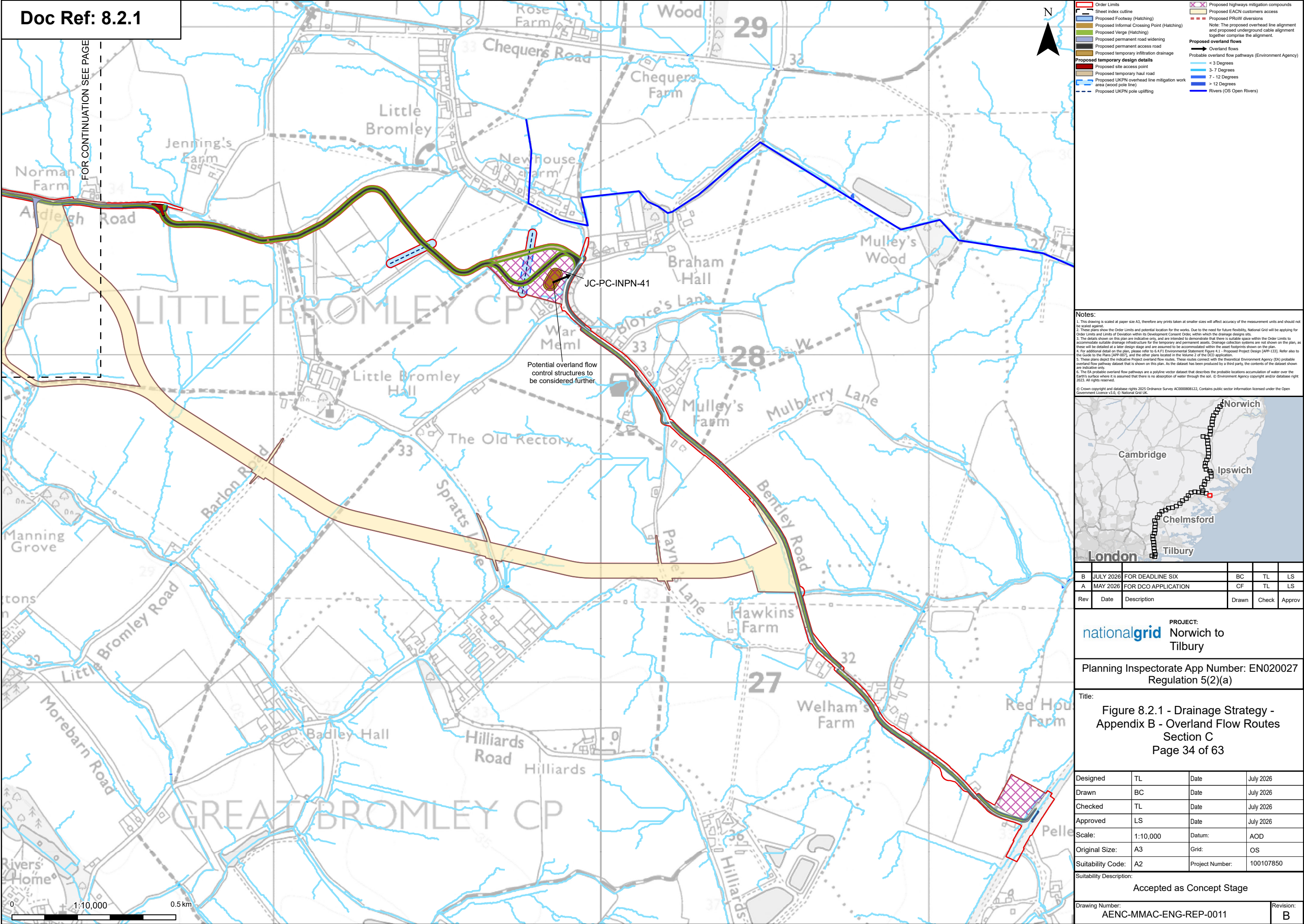
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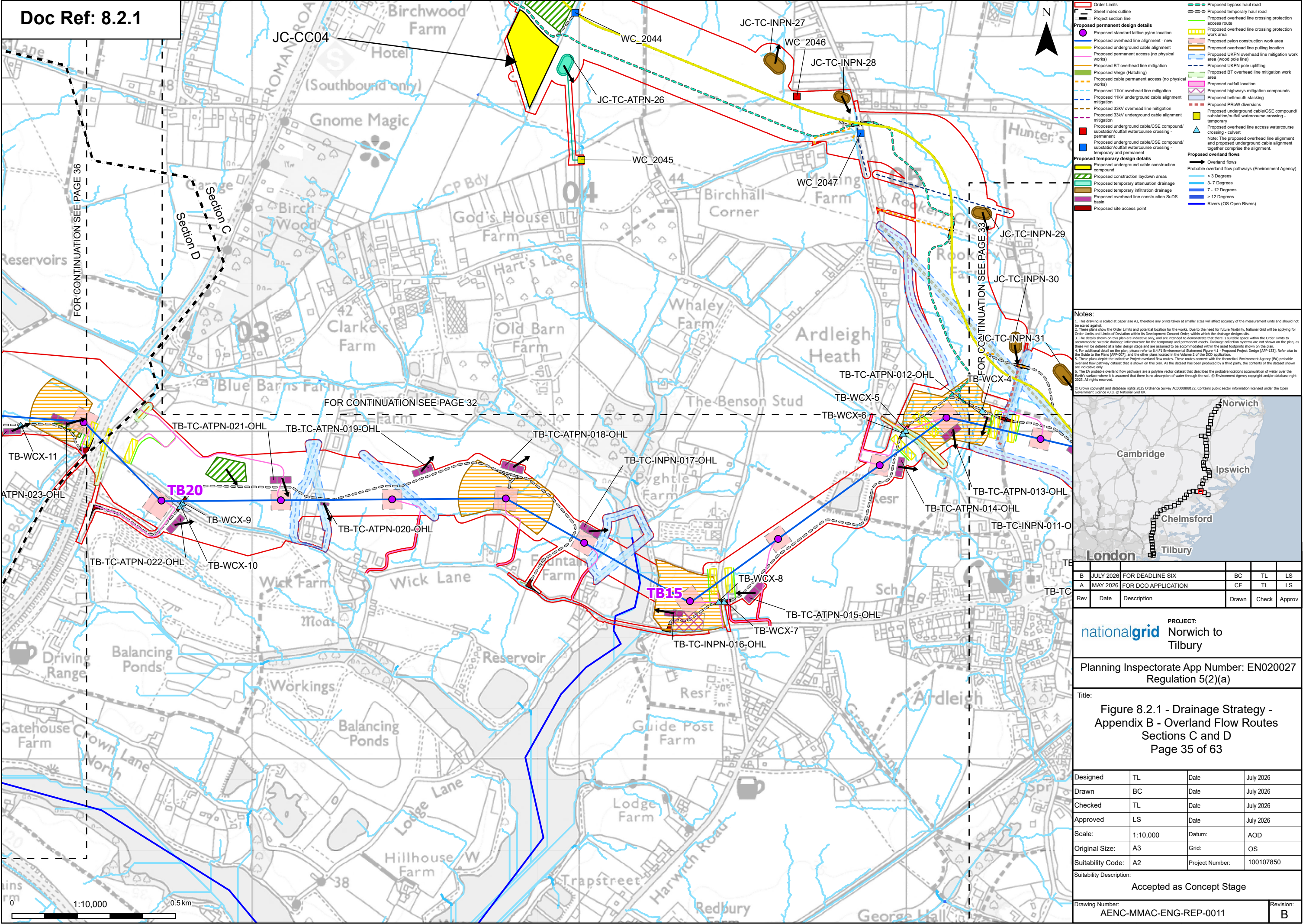
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section C
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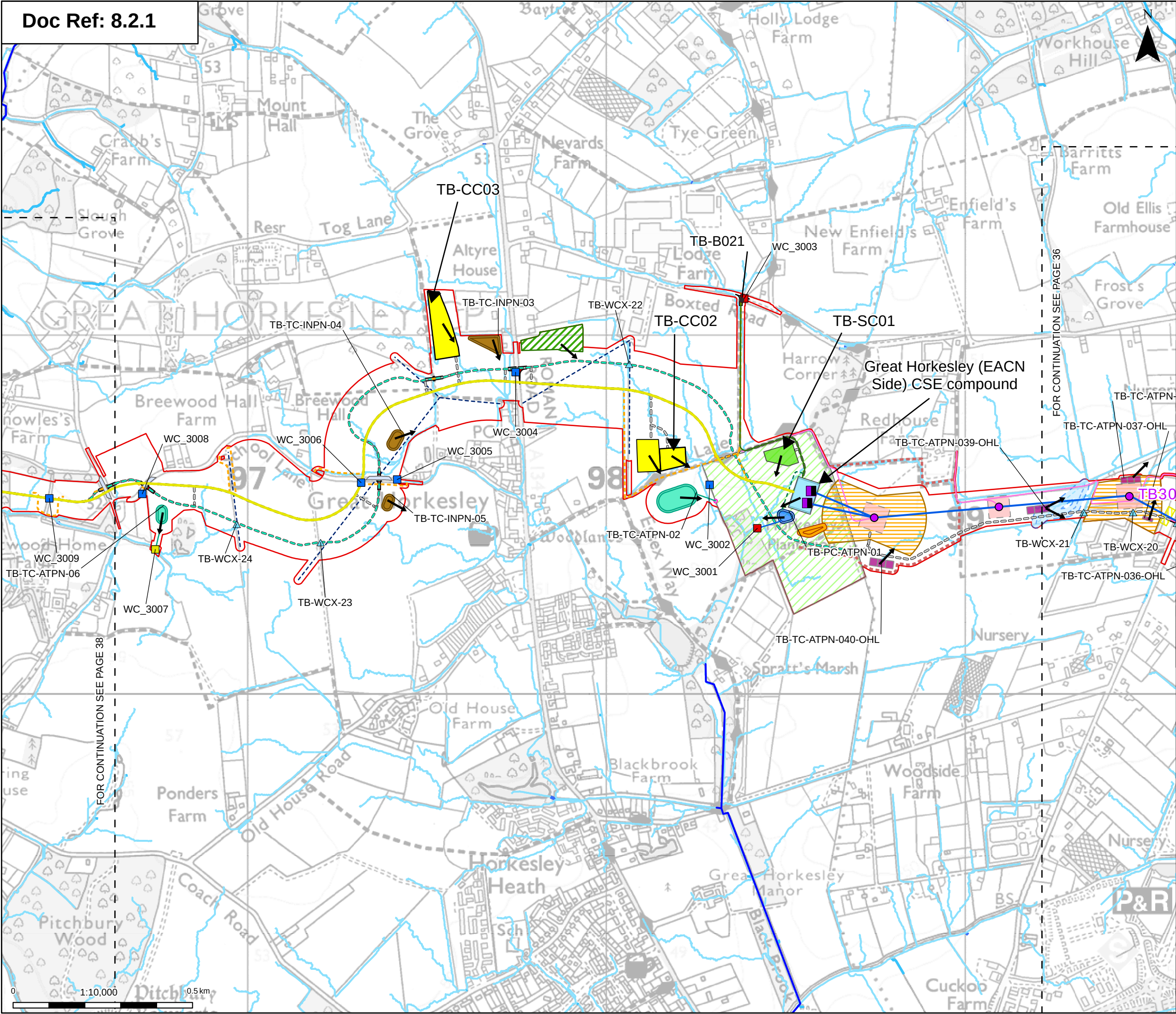
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Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage		
Drawing Number:	AENC-MMAC-ENG-REP-0011	Revision:
		B









Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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

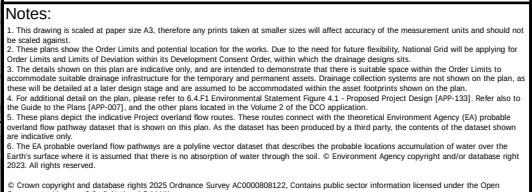
- Proposed temporary attenuation drainage
- Proposed temporary infiltration drainage
- Proposed overhead line construction SuDS basin
- Proposed site access point
- Proposed bypass haul road
- Proposed temporary haul road
- Proposed overhead line crossing protection work area
- Proposed pylon construction work area
- Proposed permanent overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN pole upfitting
- 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

Proposed overland flows

- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

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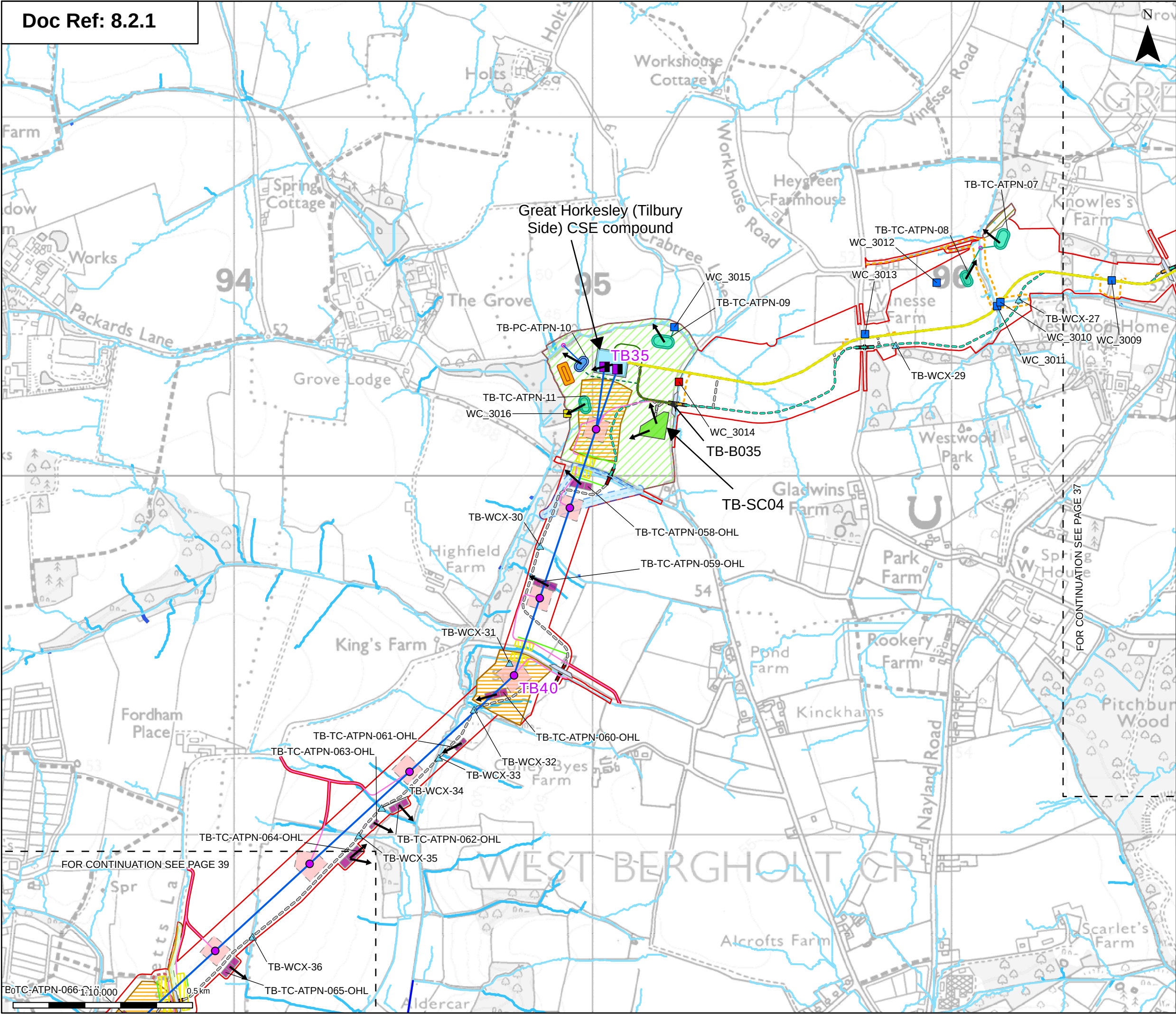
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Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes
Section D
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Designed	TL	Date	July 2026
Drawn	CF	Date	July 2026
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Scale:	1:10,000	Datum:	AOD
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Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	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 - new
- 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 - temporary and permanent
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - 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 temporary design details

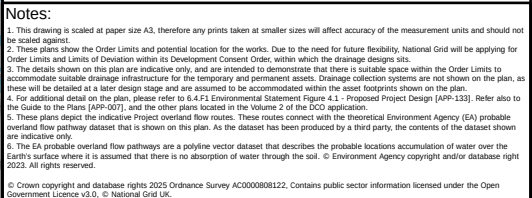
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - temporary
- Proposed overhead line access watercourse crossing - culvert
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
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- 3 - 7 Degrees
- 7 - 12 Degrees
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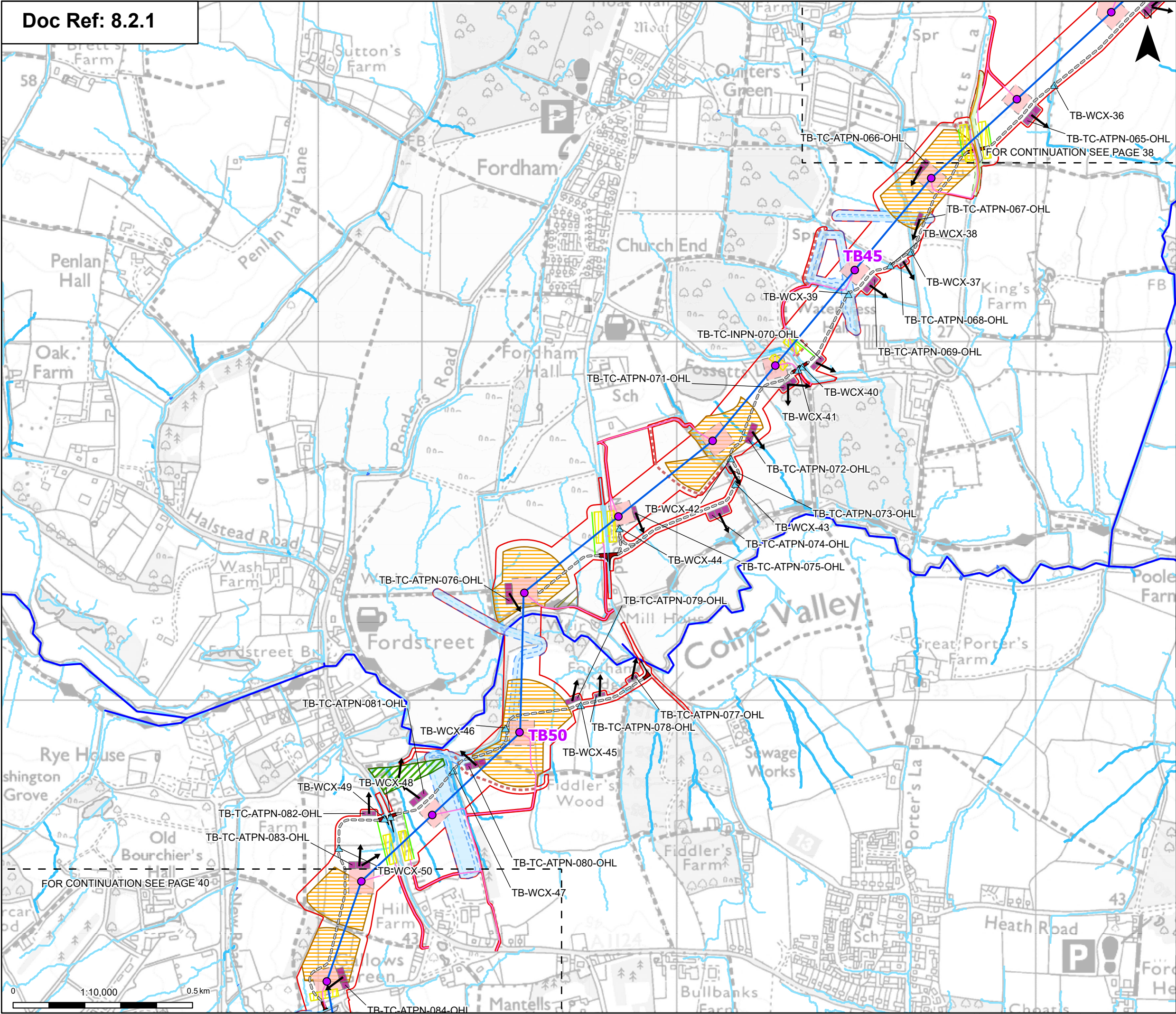
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B	JULY 2026	FOR DEADLINE SIX	CF	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section D
Page 38 of 63

Planning Inspectorate App Number: EN020027 Regulation 5(2)(a)			
Title: Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section D Page 38 of 63			
Designed	TL	Date	July 2026
Drawn	CF	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description: Accepted as Concept Stage			
Drawing Number: AENC-MMAC-ENG-REP-0011			Revision: B



Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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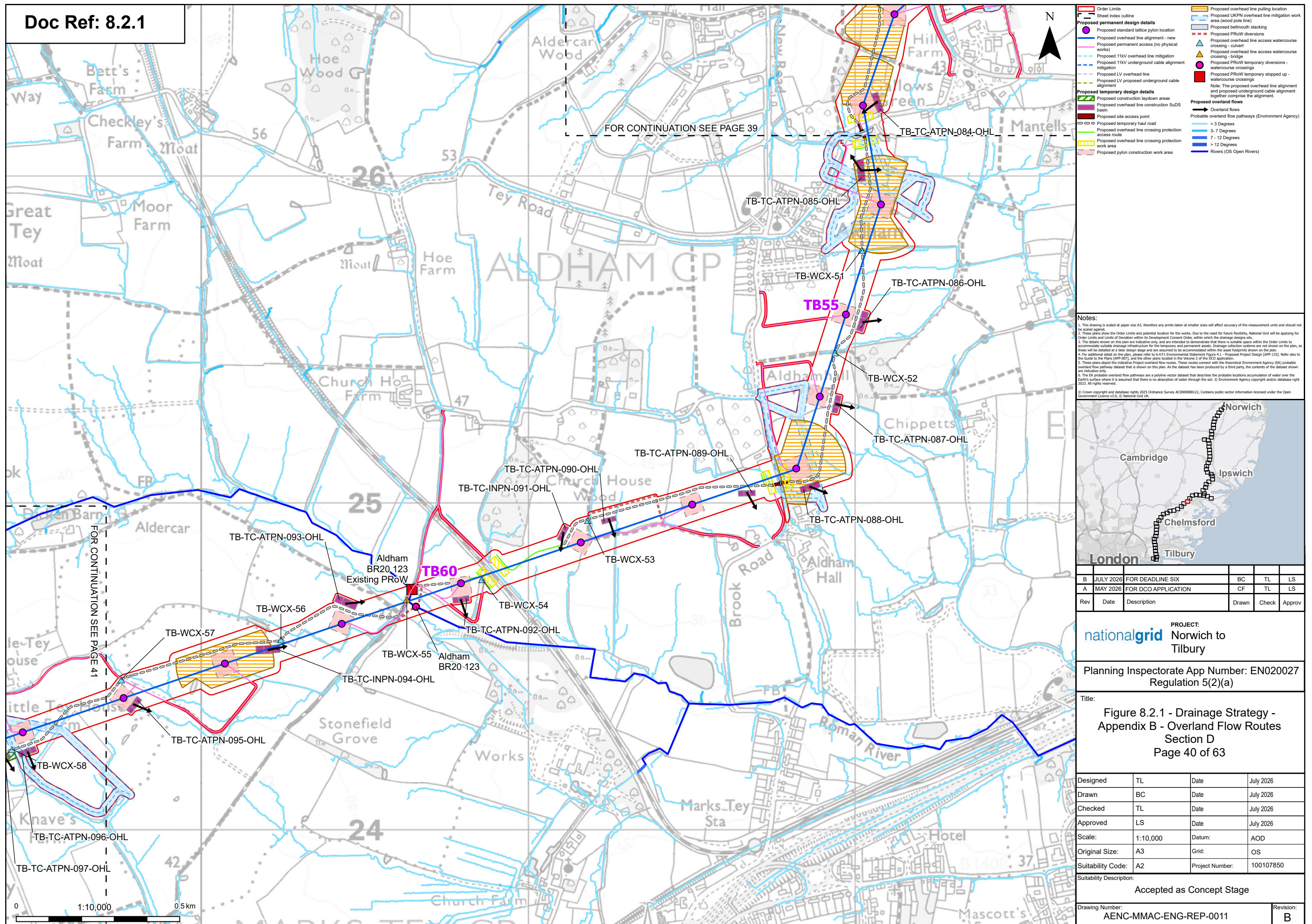
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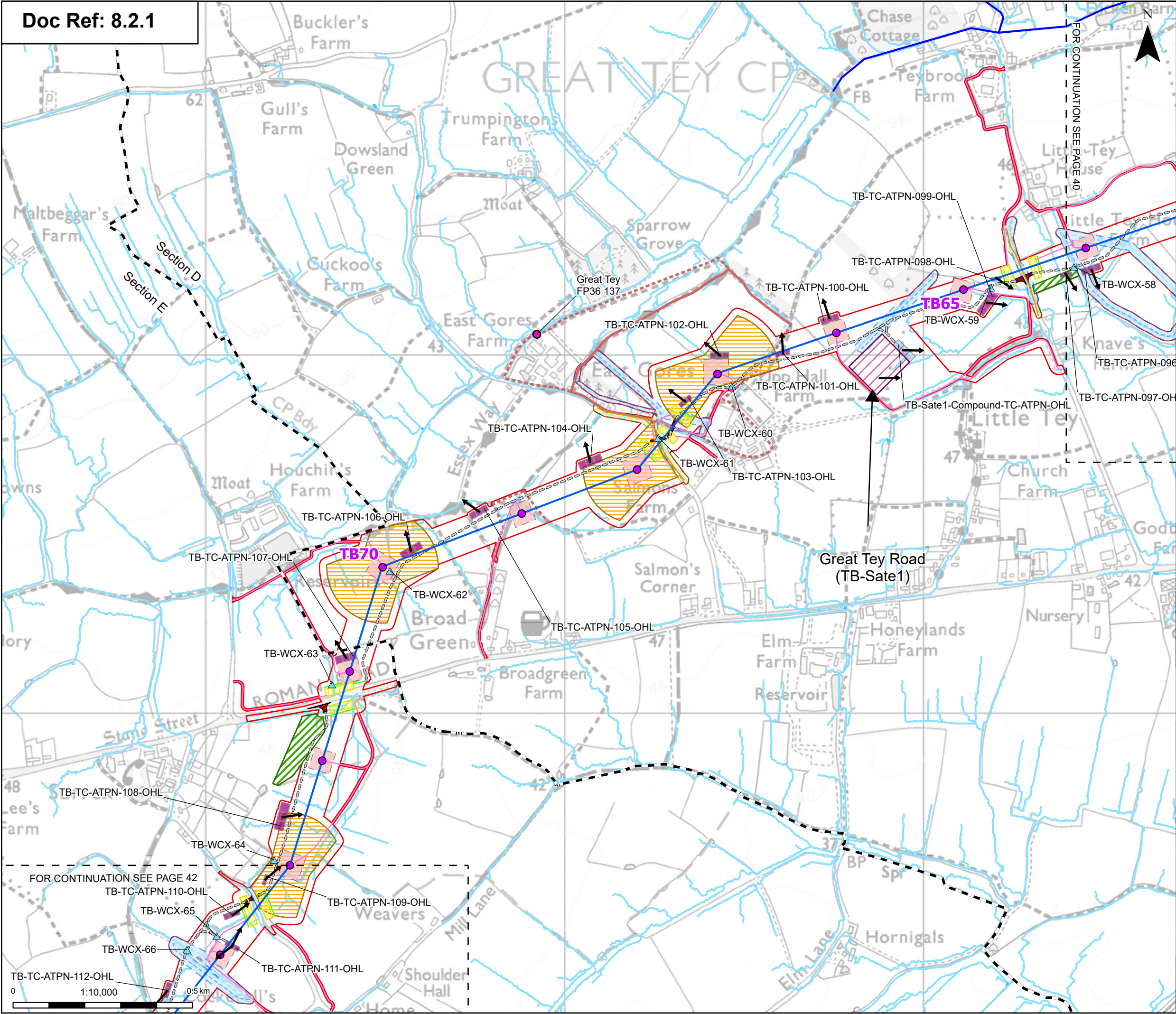
PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section D
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Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
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Suitability Code:	A2	Project Number:	100107850
Suitability Description:			
Accepted as Concept Stage			
Drawing Number: AENC-MMAC-ENG-REP-0011			Revision: B





Order Limits

Sheet index outline

Project section line

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

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 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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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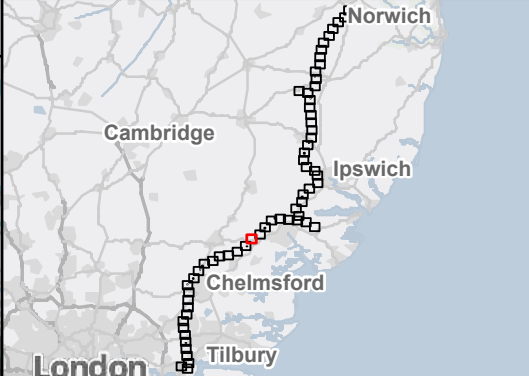
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Rev	Date	Description	Drawn	Check	Approv

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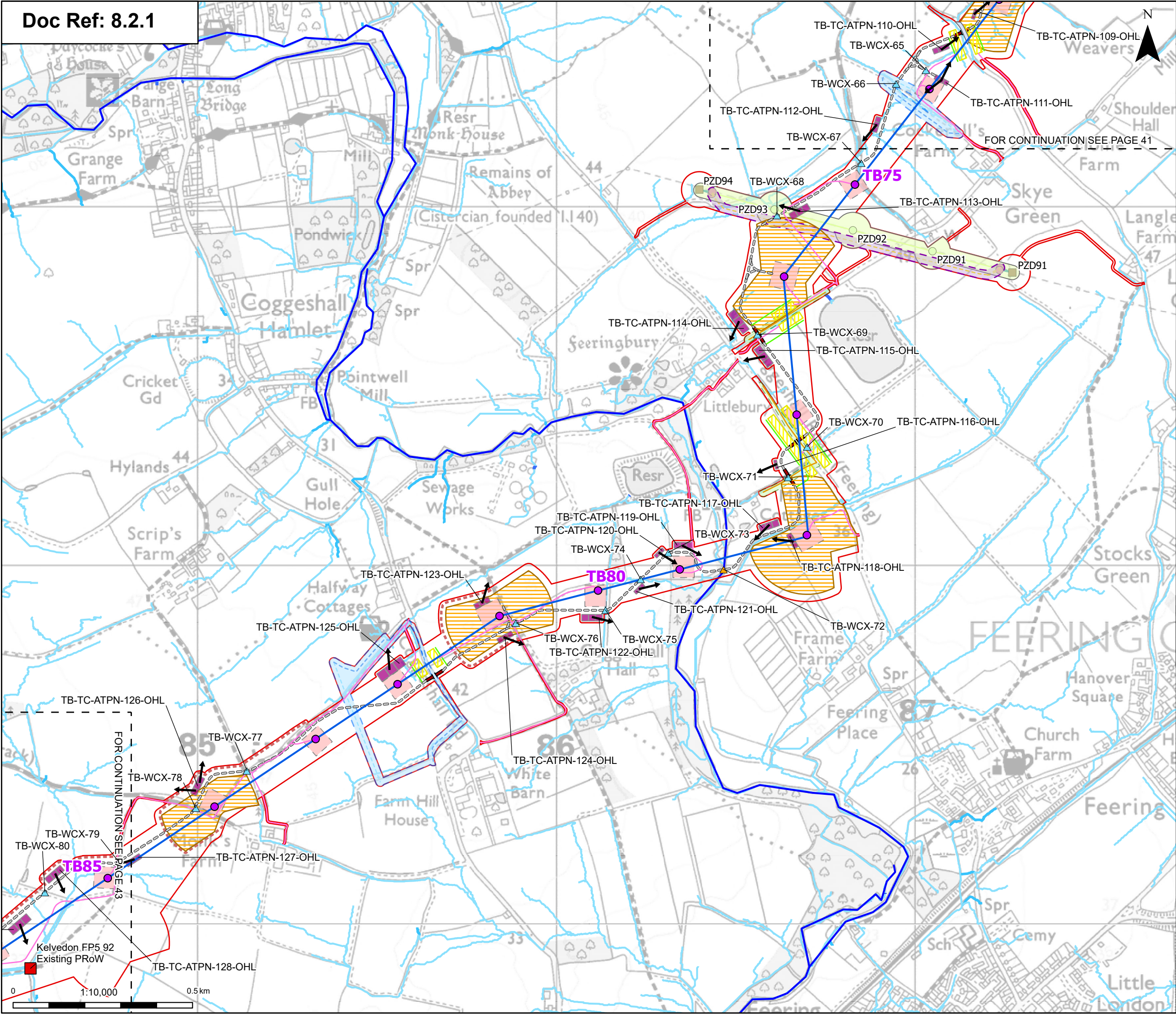
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
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Appendix B - Overland Flow Routes
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Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Proposed permanent design details

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- Proposed overhead line alignment - new
- 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 overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
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- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

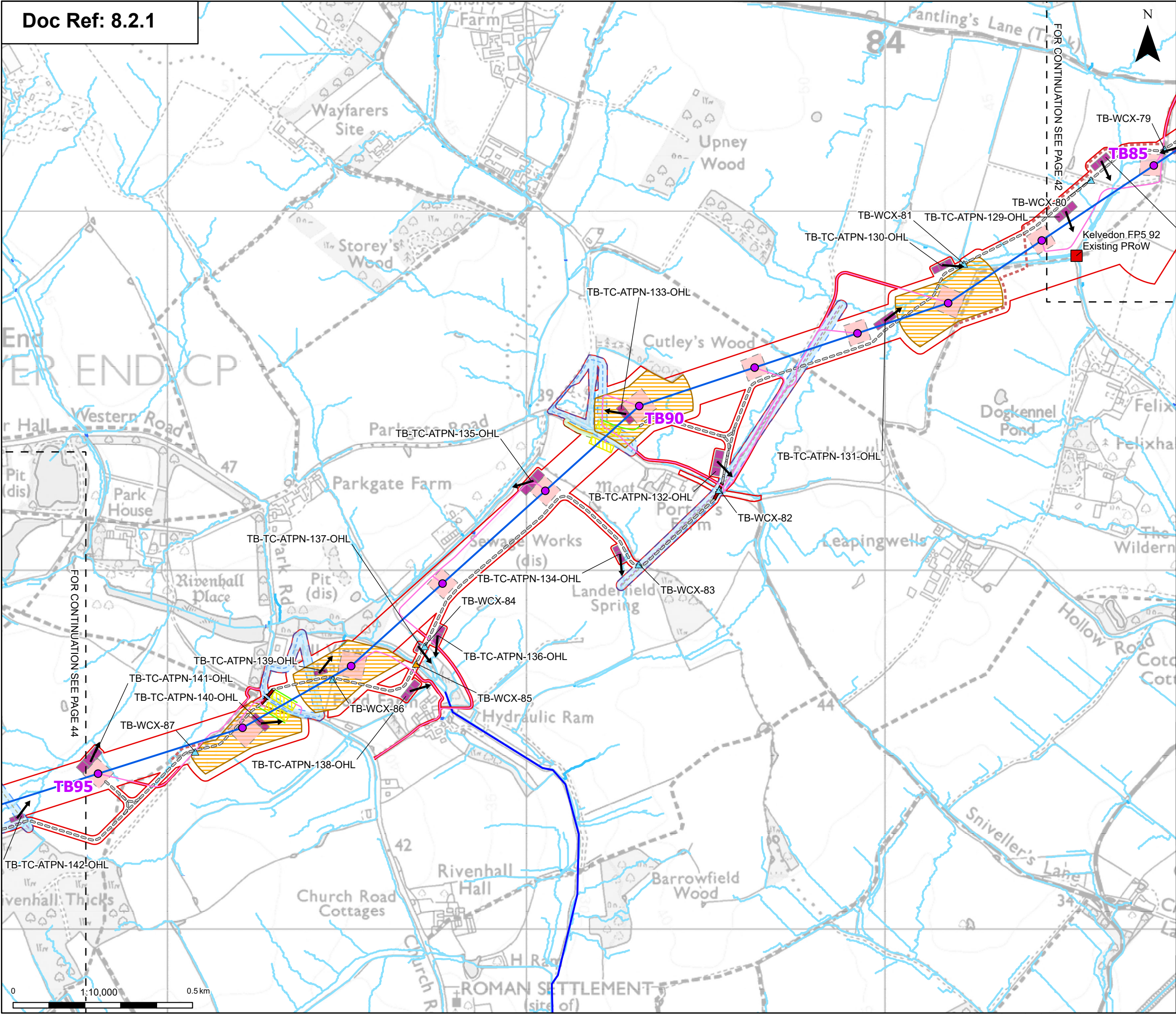
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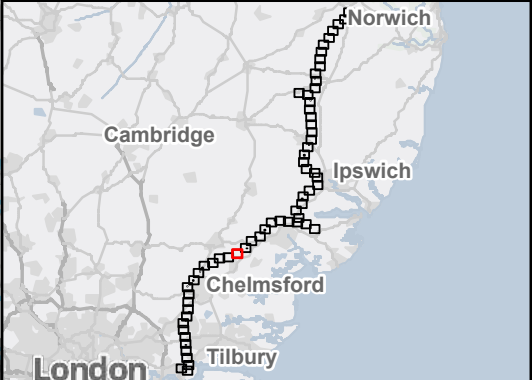
Planning Inspectorate App Number: EN020027
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Title:
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Section E
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description: Accepted as Concept Stage			
Drawing Number: AENC-MMAC-ENG-REP-0011			Revision: B



-
- Order Limits**
- Sheet index outline**
- Proposed permanent design details**
- Proposed standard lattice pylon location
 - Proposed overhead line alignment - new
 - 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 temporary design line construction SuDS basin
 - Proposed site access point
 - Proposed temporary hardt 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 ProRoW diversions**
- Proposed overhead line access watercourse crossing - culvert
 - Proposed overhead line access watercourse crossing - bridge
 - Proposed ProRoW temporary stopped up - watercourse crossings
- Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.
- Proposed overland flows**
- Overland flows**
- Probable overland flow pathways (Environment Agency)**
- < 3 Degrees
 - 3 - 7 Degrees
 - 7 - 12 Degrees
 - > 12 Degrees
 - Rivers (OS Open Rivers)

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

nationalgrid PROJECT:
Norwich to
Tilbury

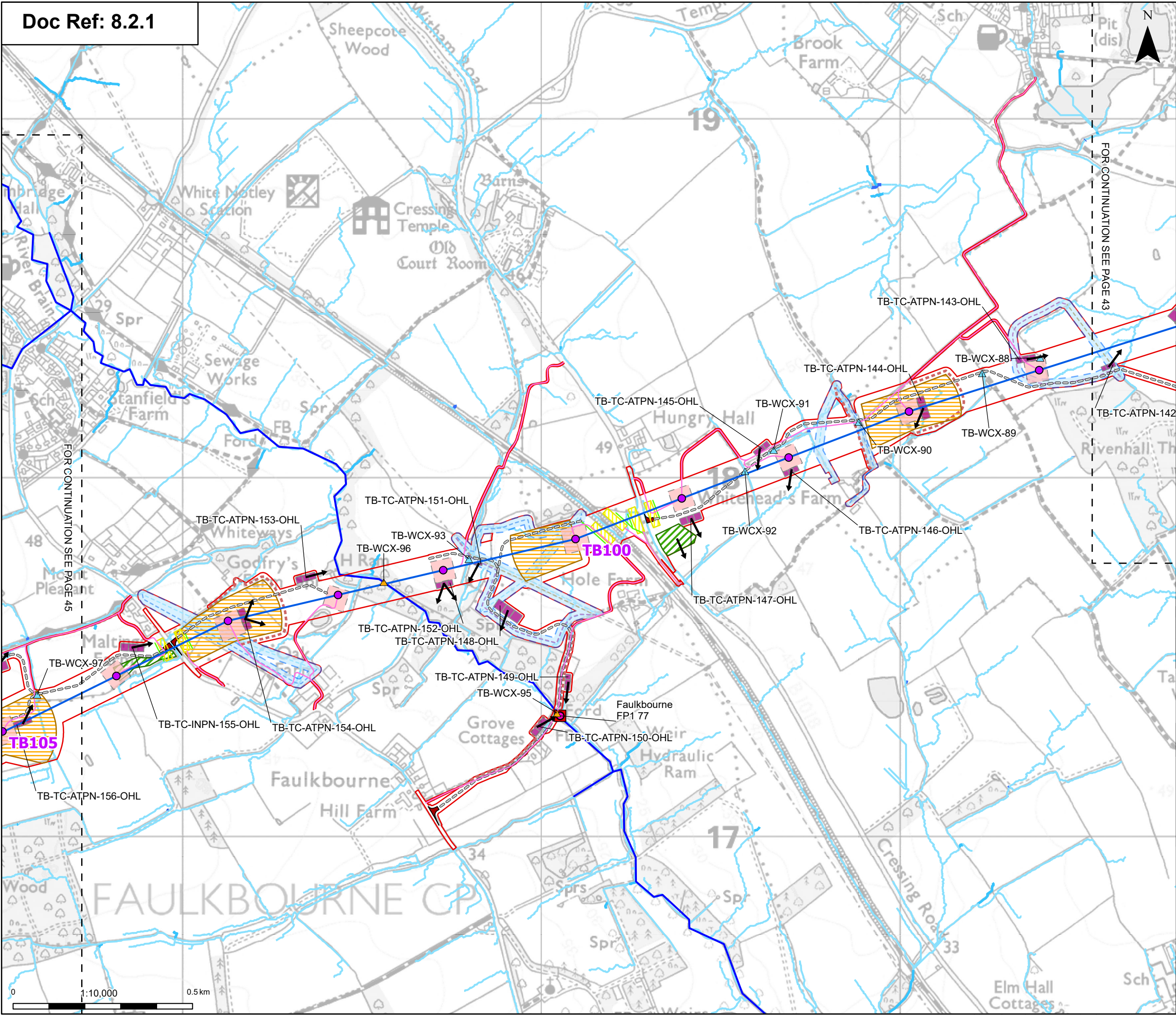
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Regulation 5(2)(a)

Title: Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes
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Designed	TL	Date	July 2026
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Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

Sheet index outline

Proposed permanent design details

Proposed standard lattice pylon location

Proposed overhead line alignment - new

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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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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 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section E
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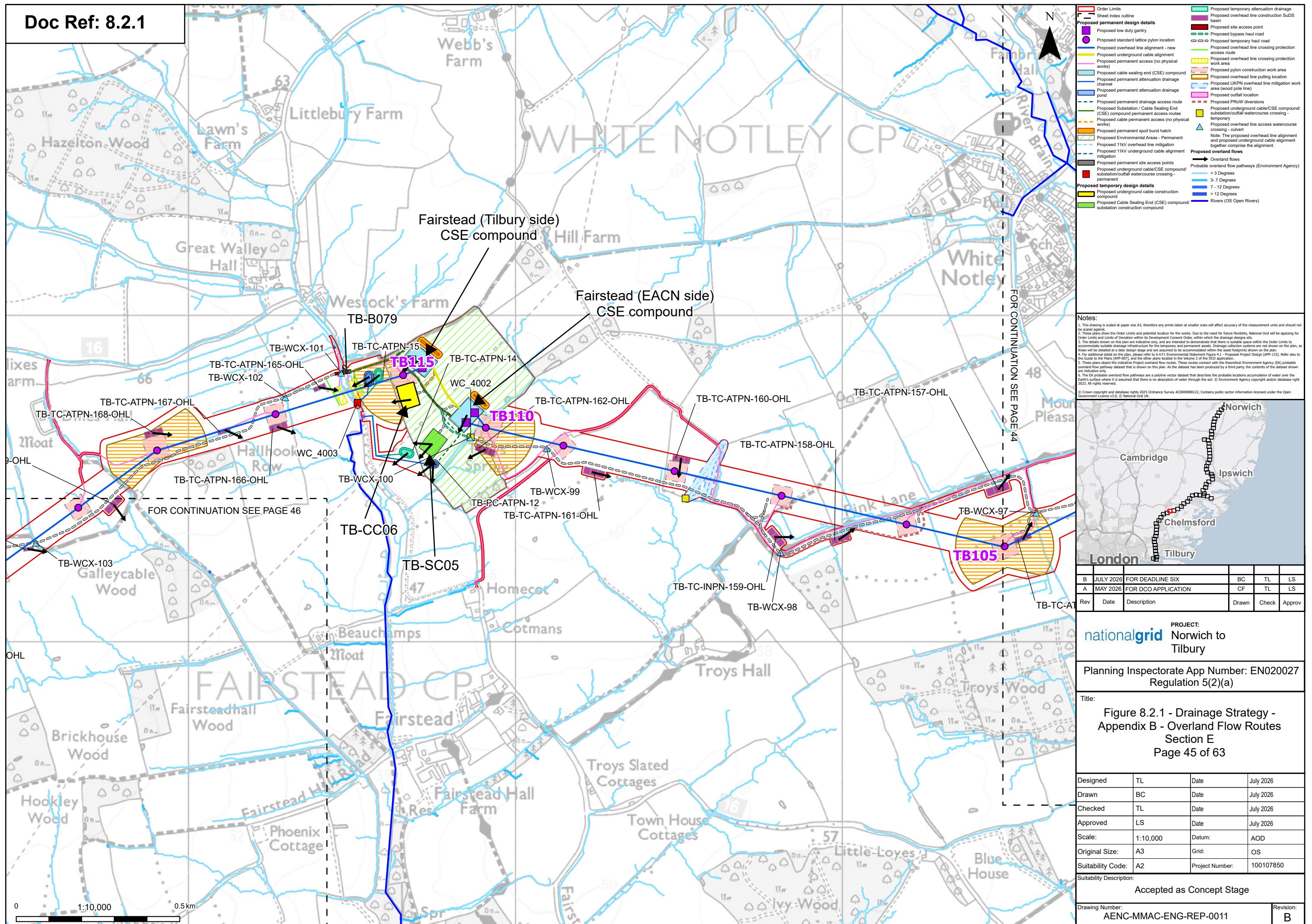
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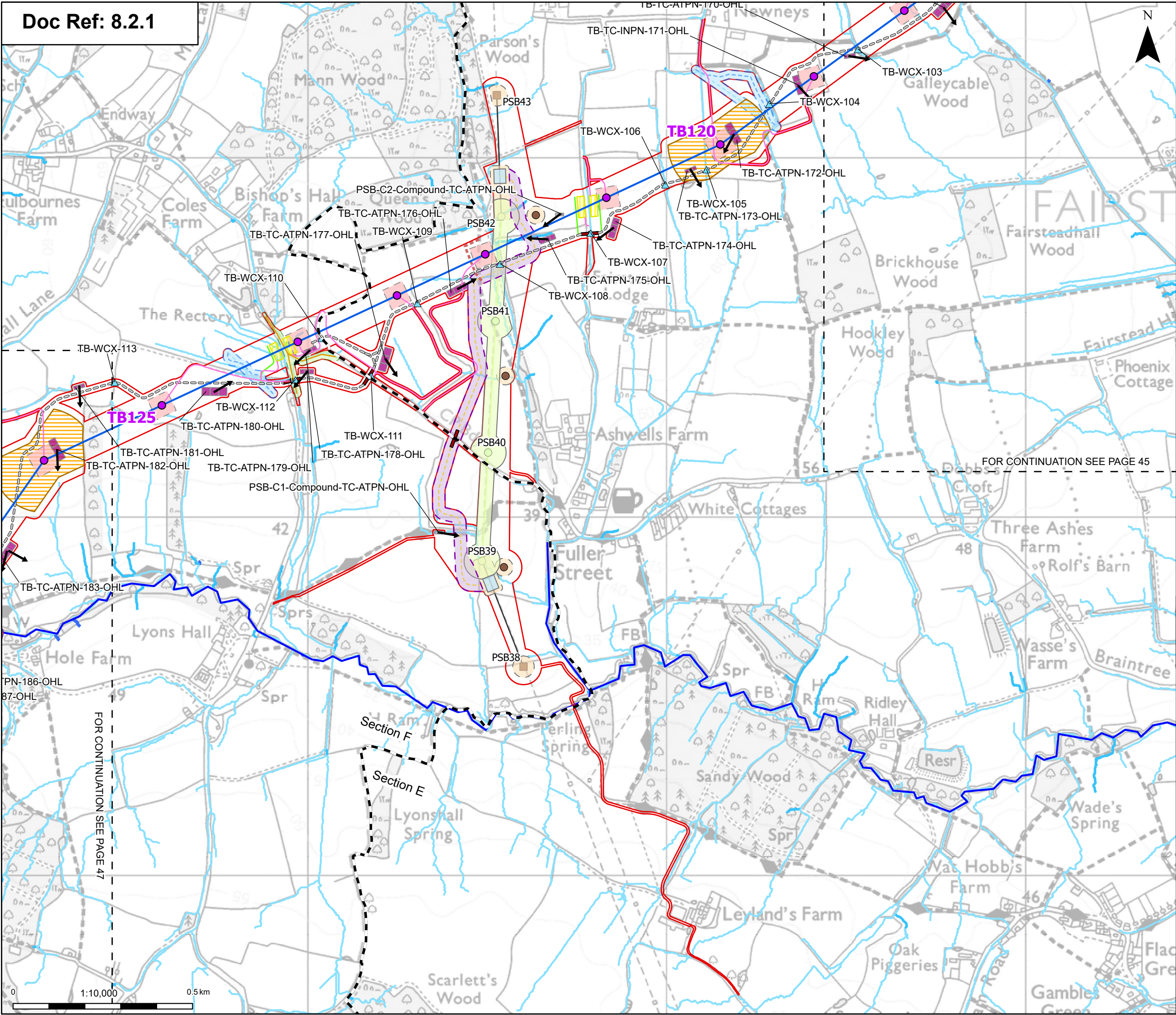
Suitability Description:

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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 - new

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 existing centreline (modified)

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 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 compound SUDS

Proposed PKRoV diversions

Proposed overhead line access watercourse crossing - culvert

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

Proposed overland flows

Probable overland flow pathways (Environment Agency)

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

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PROJECT:
nationalgrid Norwich to
Tilbury

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

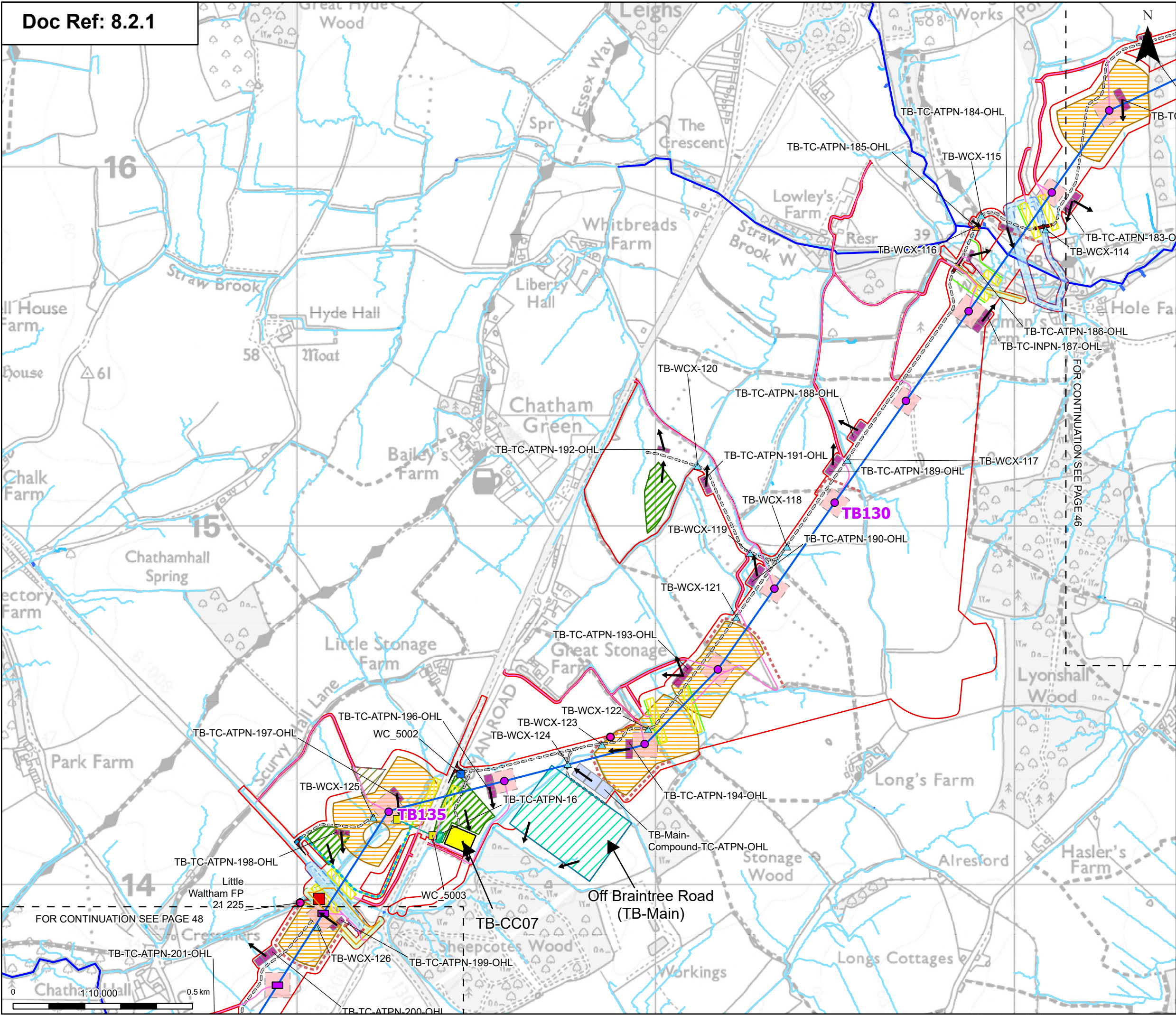
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Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
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Designed	TL	Date	July 2026
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Suitability Code:	A2	Project Number:	100107850

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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 - new

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 design details

Proposed main construction compound

Proposed construction laydown areas

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 mitigation work area (wood pole line)

Proposed BT overhead line mitigation work area

Proposed temporary drainage access route

Proposed outfall location

Proposed overhead line compounds SuDS

Proposed bellmouth stacking

Proposed PRoV diversions

Proposed Environmental Mitigation Areas - Temporary

Proposed temporary design details

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 PRoV temporary diversions - watercourse crossings

Proposed PRoV temporary stopped up - watercourse crossings

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

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

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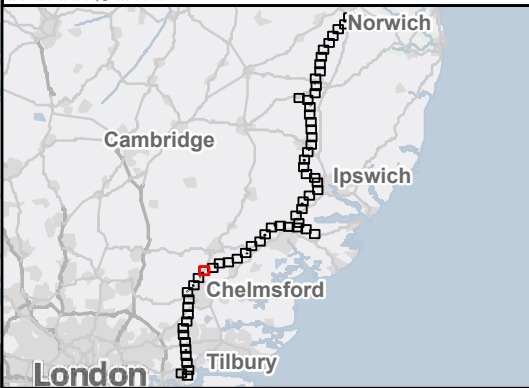
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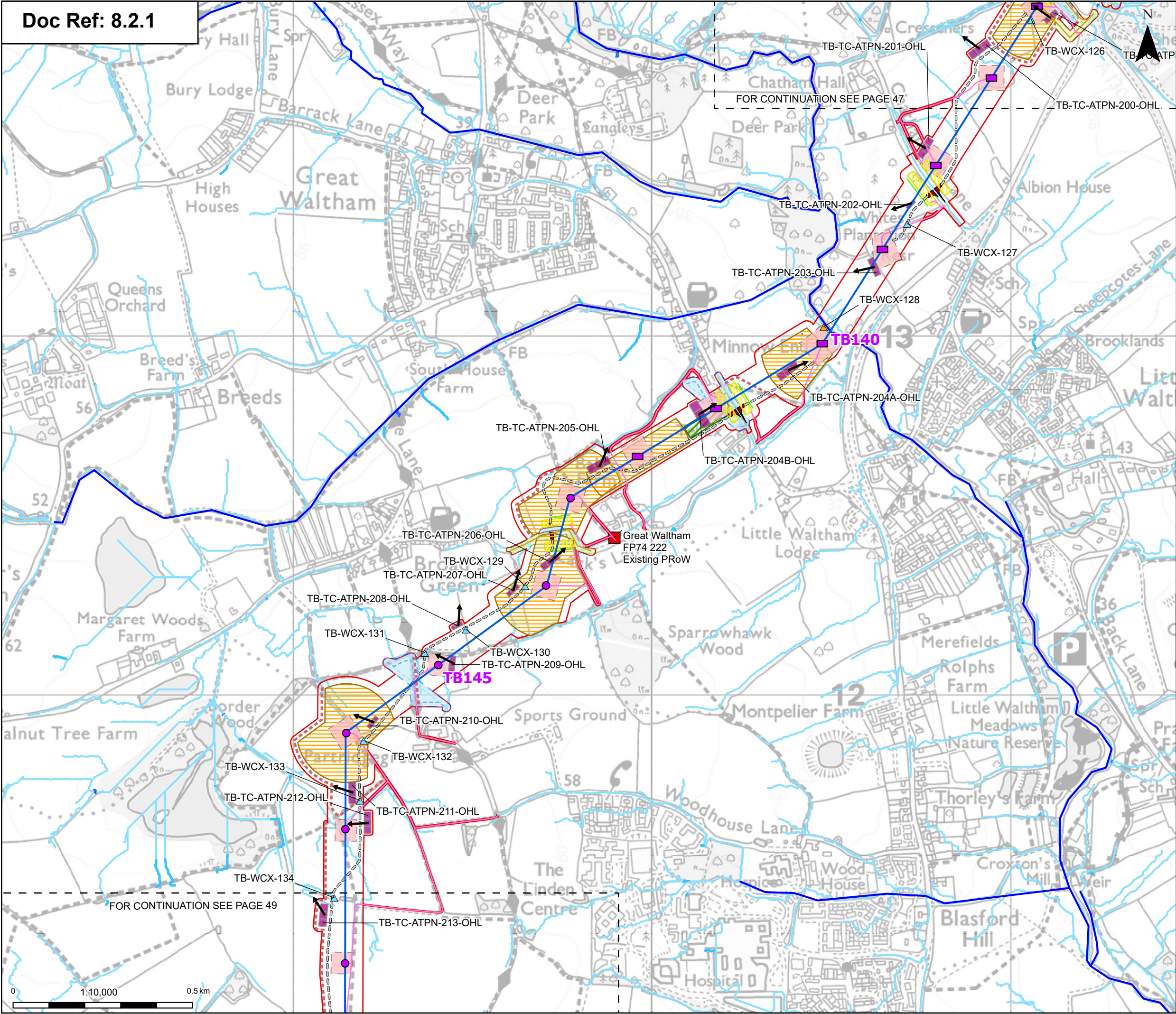
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AENC-MMAC-ENG-REP-0011

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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 - new

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 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 stopped up - watercourse crossings

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

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

1. This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.

2. These plans show the Order Limits and potential location for the works. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its Development Consent Order, within which the drainage designs sit.

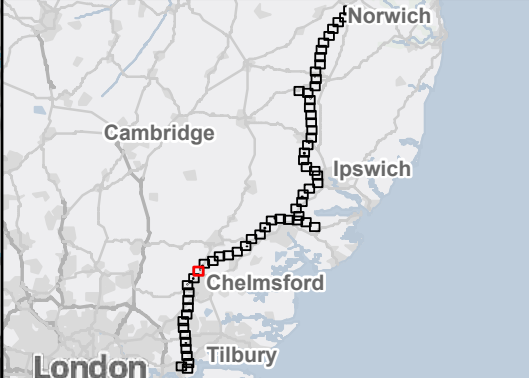
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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section F
Page 48 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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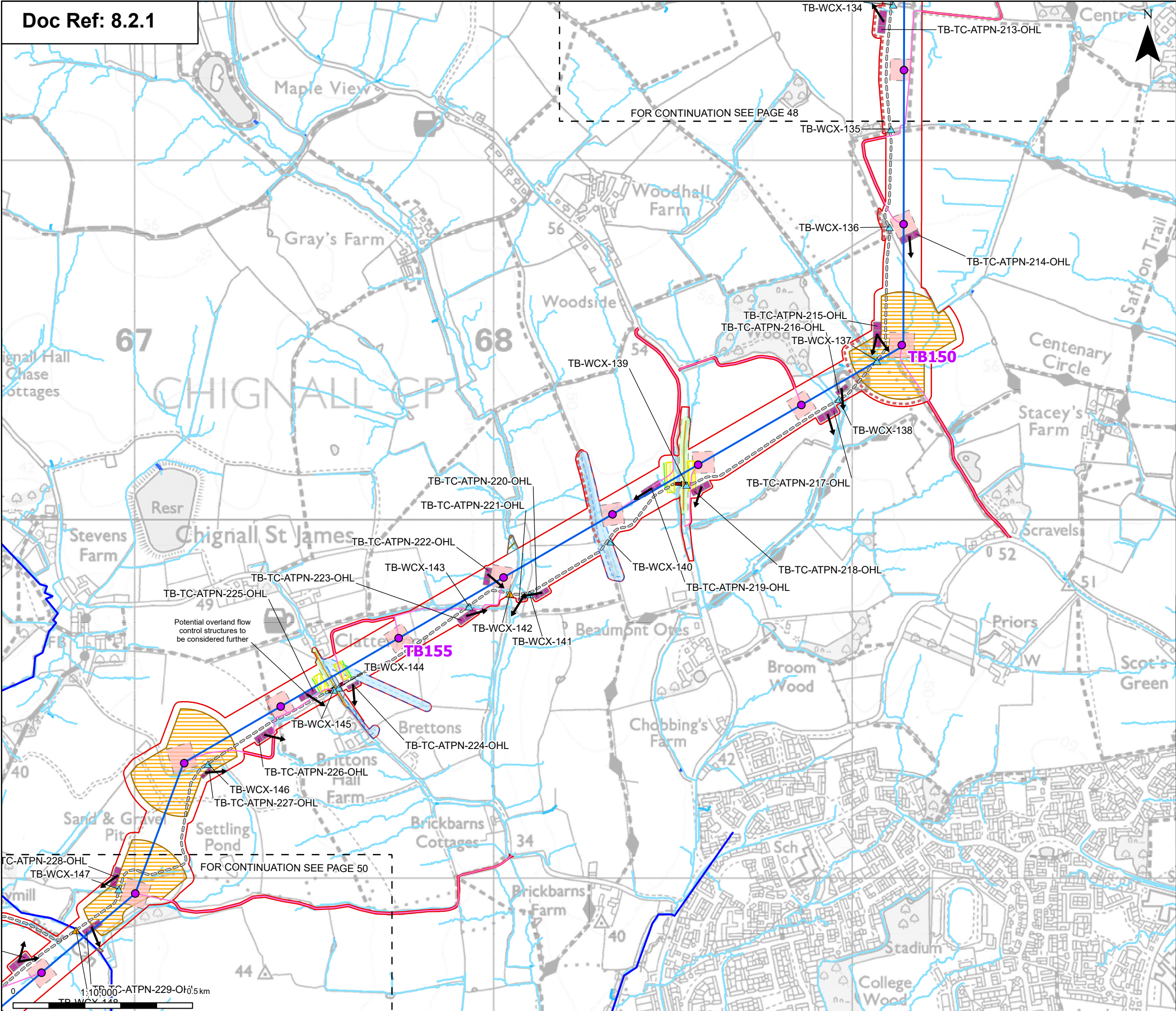


Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section F
Page 49 of 63

Legend:

- Order Limits** (Red line)
- Sheet index outline** (Black line)
- Proposed permanent design details**
 - Proposed standard lattice pylon location (Purple circle)
 - Proposed overhead line alignment - new (Pink line)
 - Proposed permanent access (no physical works) (Pink line)
 - Proposed BT overhead line mitigation (Orange line)
 - Proposed 11kV overhead line mitigation (Orange line)
 - Proposed 11kV underground cable alignment mitigation (Blue dashed line)
- Proposed temporary design details**
 - Proposed overhead line construction SuDS basin (Purple rectangle)
 - Proposed site access point (Red rectangle)
 - Proposed temporary haul road (Grey rectangle)
 - Proposed overhead line crossing protection access route (Green line)
 - Proposed overhead line crossing protection work area (Yellow rectangle)
 - Proposed pylon construction work area (Yellow rectangle)
 - Proposed overhead line pulling location (Orange rectangle)
- Proposed UKPN overhead line mitigation work area (wood pole line)** (Blue line)
- Proposed BT overhead line mitigation work area** (Green line)
- Proposed belfmouth stacking** (Blue rectangle)
- Proposed PROw diversions** (Red dashed line)
- Proposed Environmental Mitigation Areas - Temporary** (Yellow rectangle)
- Proposed overhead line access watercourse crossing - culvert** (Blue triangle)
- Proposed overhead line access watercourse crossing - bridge** (Orange triangle)
- Note:** The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.
- Proposed overland flows**
 - Overland flows (Black arrow)
 - Probable overland flow pathways (Environment Agency)
 - < 3 Degrees (Blue line)
 - 3 - 7 Degrees (Light blue line)
 - 7 - 12 Degrees (Medium blue line)
 - > 12 Degrees (Dark blue line)
 - Rivers (OS Open Rivers) (Blue line)

Notes:

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Map: A map showing the route from London to Norwich, passing through Cambridge, Ipswich, Chelmsford, and Tilbury. The route is marked with a black line and a red dot at Chelmsford. The map includes a scale bar and a north arrow.

Rev	Date	Description	Drawn	Check	Approv
B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS

PROJECT:
nationalgrid Norwich to Tilbury

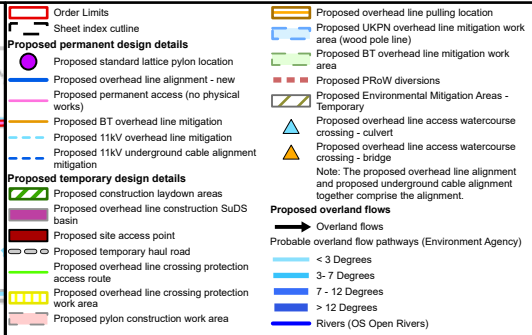
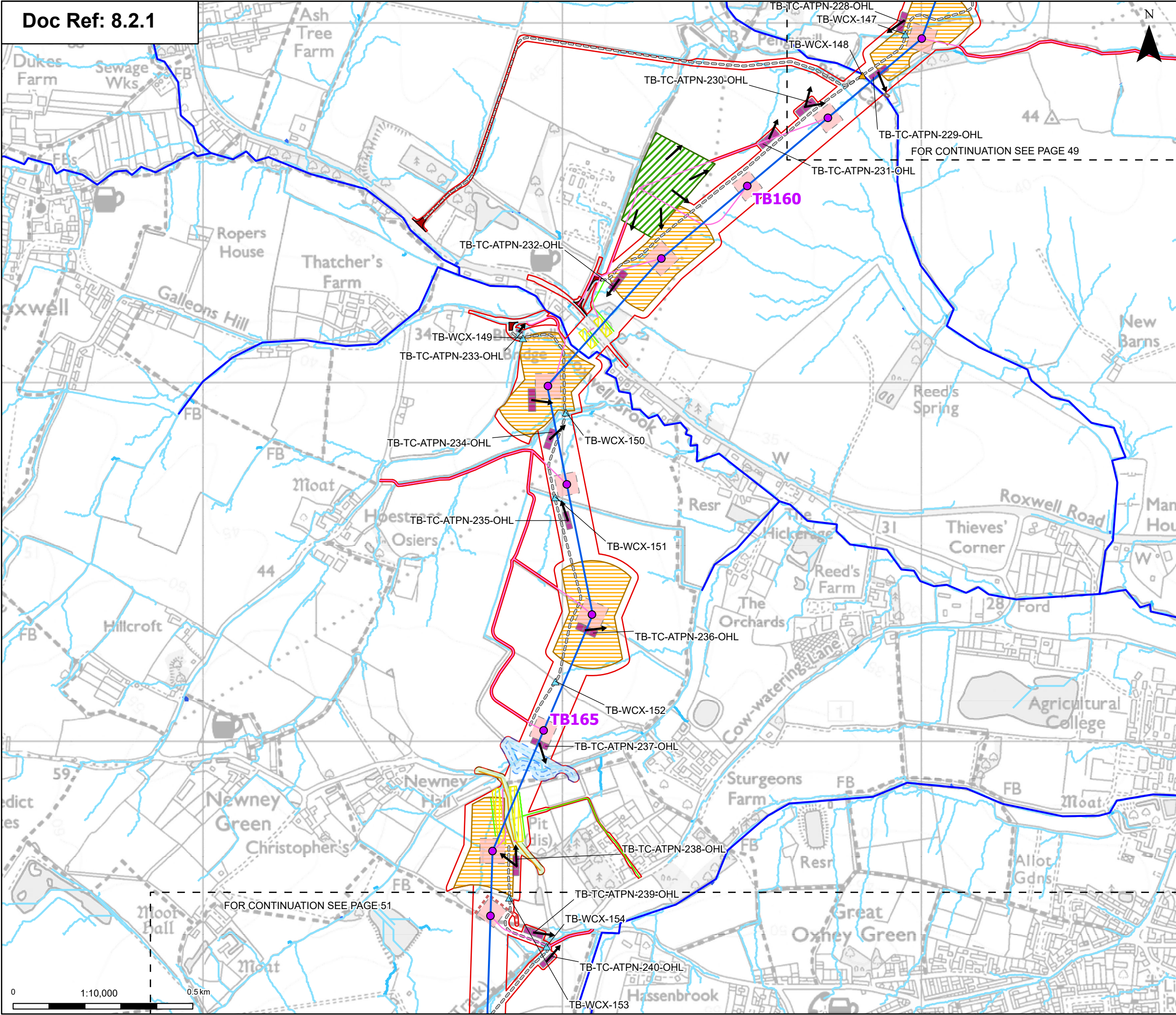
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section F
Page 49 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Proposed Concept Stage

Drawing Number:	Revision:
AENC-MMAC-ENG-REP-0011	B



Notes:

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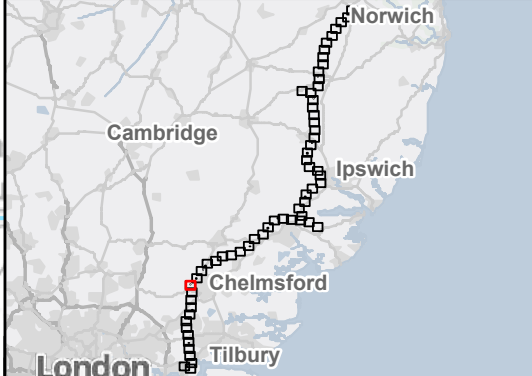
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A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to
Tilbury

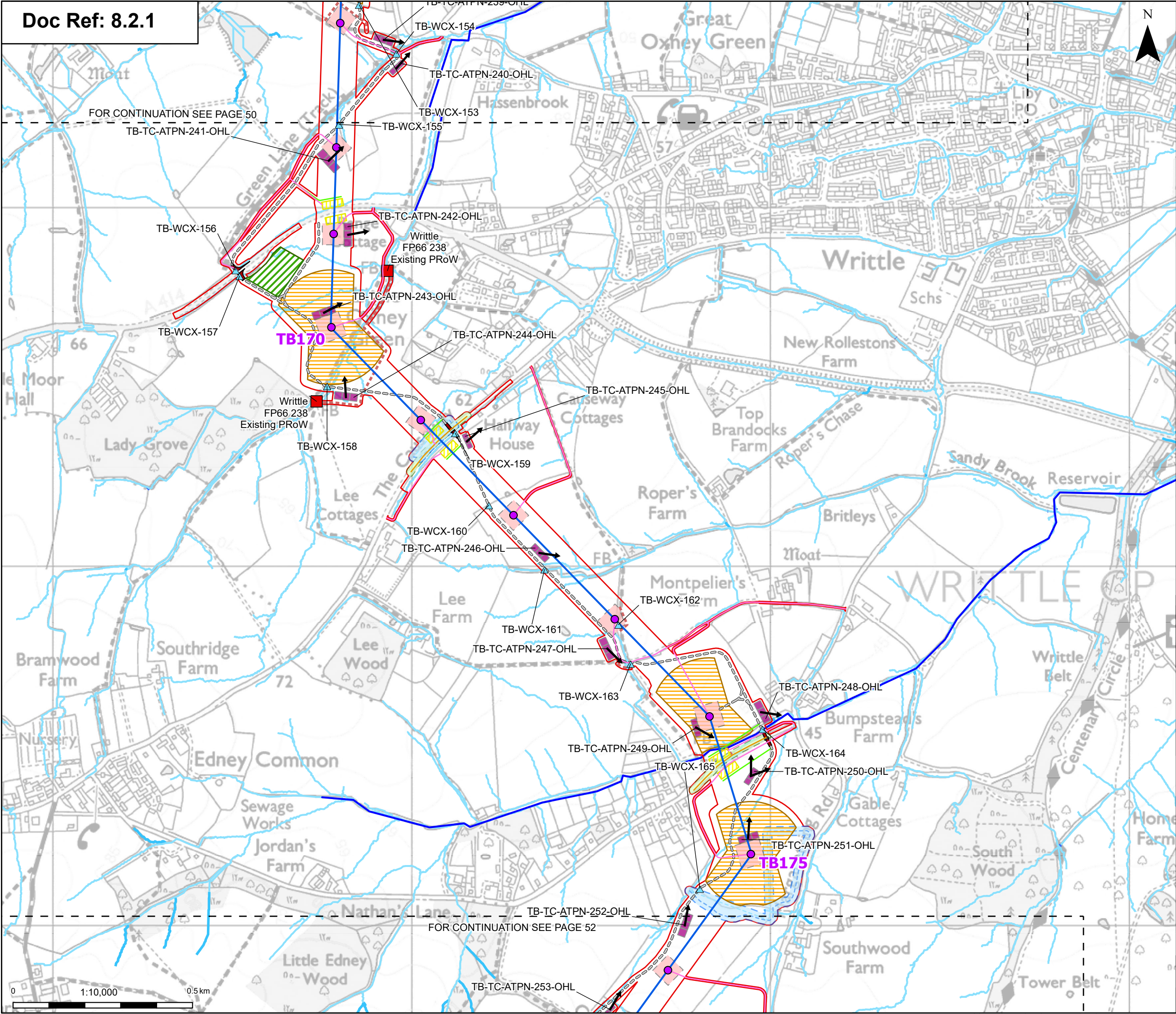
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section F
Page 50 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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

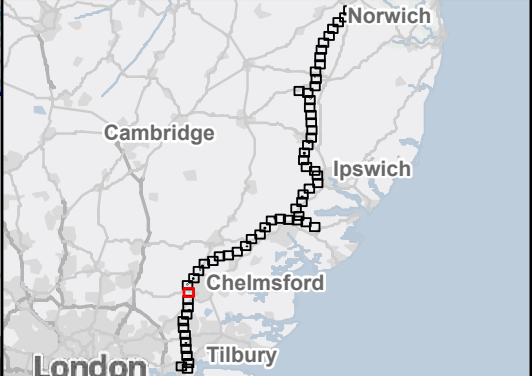
Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

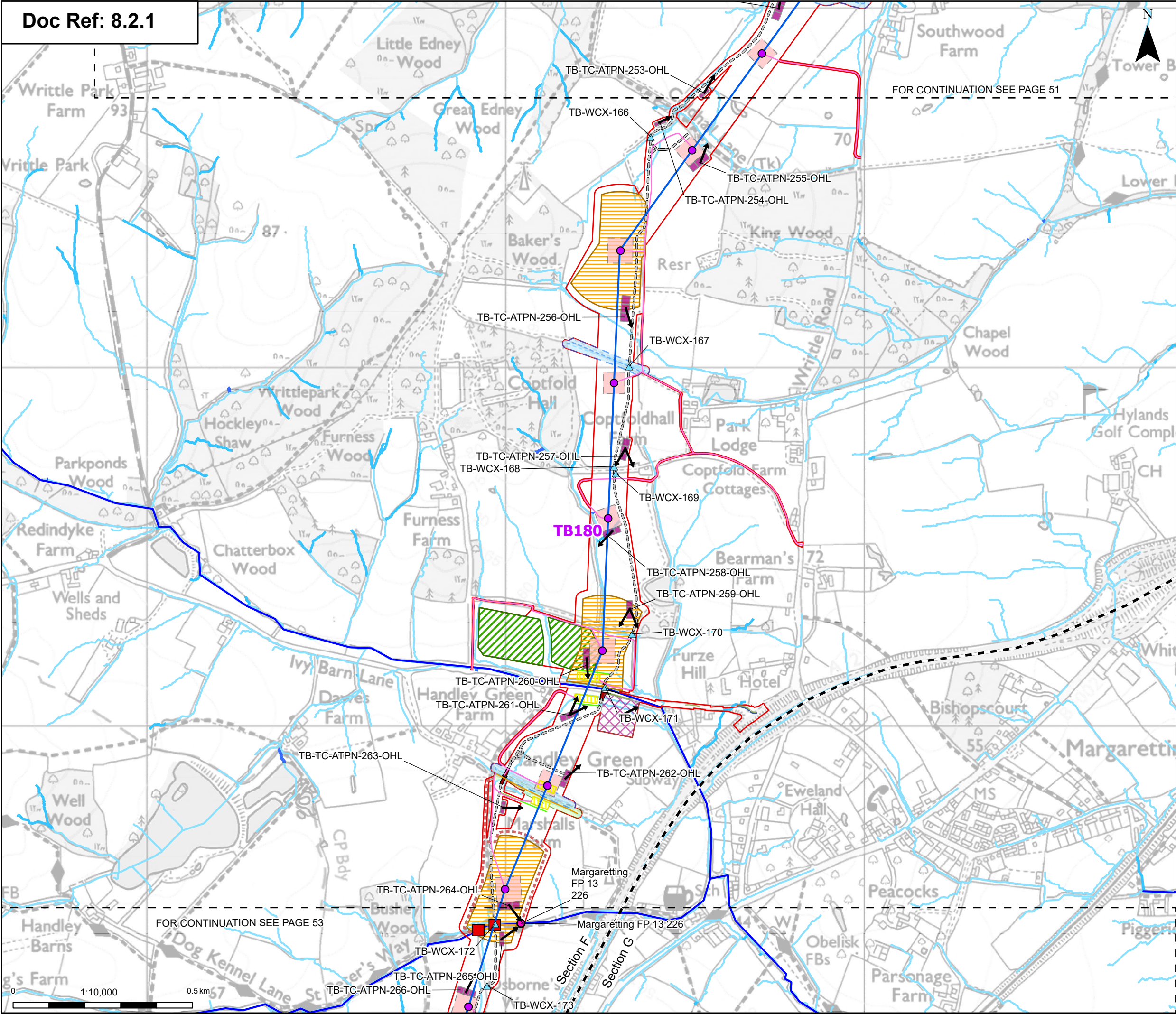
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section F
Page 51 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	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 - new

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

Proposed overland flows

Probable overland flow pathways (Environment Agency)

Overland flows

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

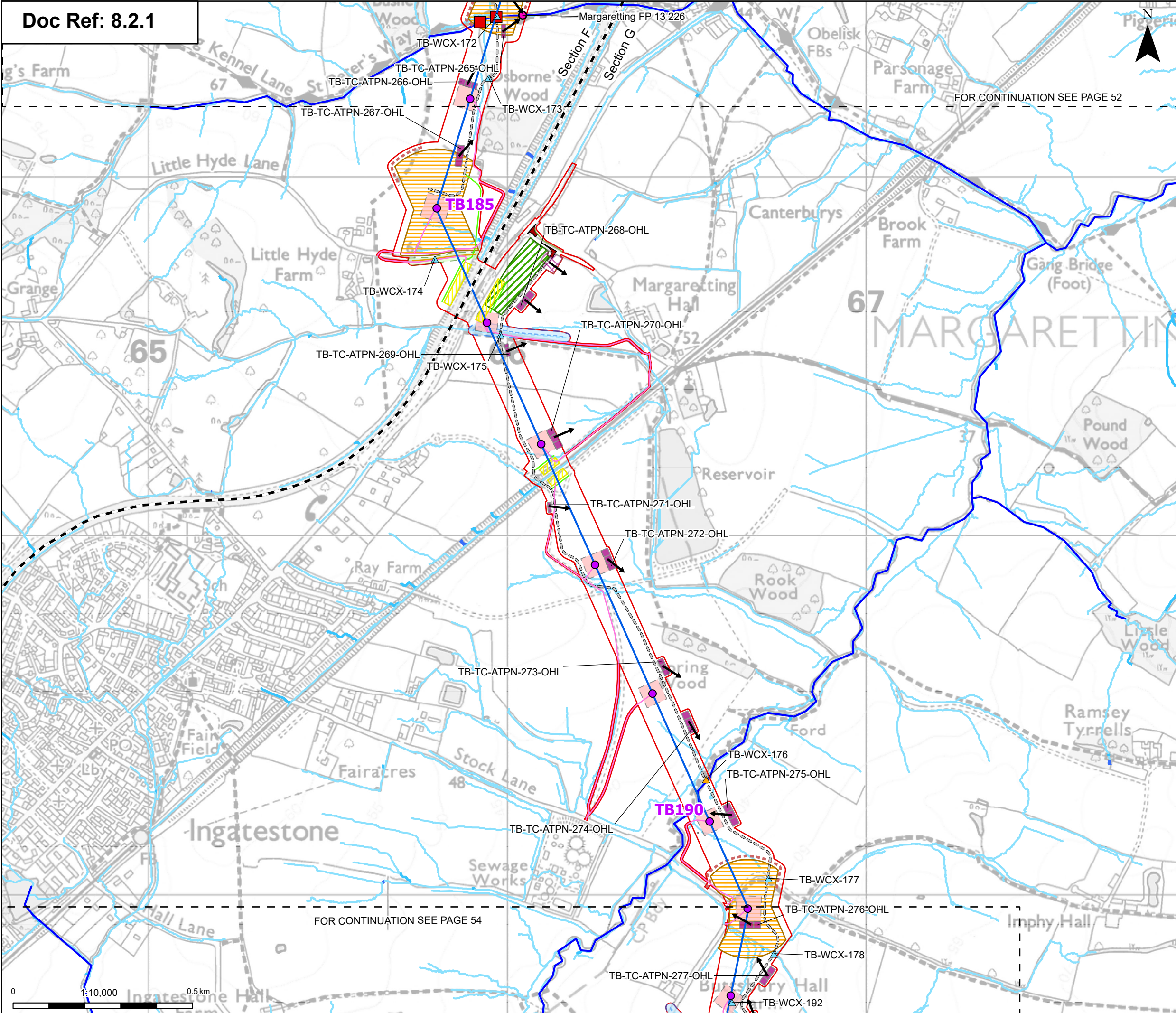
Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Sections F and G
Page 52 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number:	AENC-MMAC-ENG-REP-0011	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 - new

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 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 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.

Proposed overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

> 12 Degrees

Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
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Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to
Tilbury

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

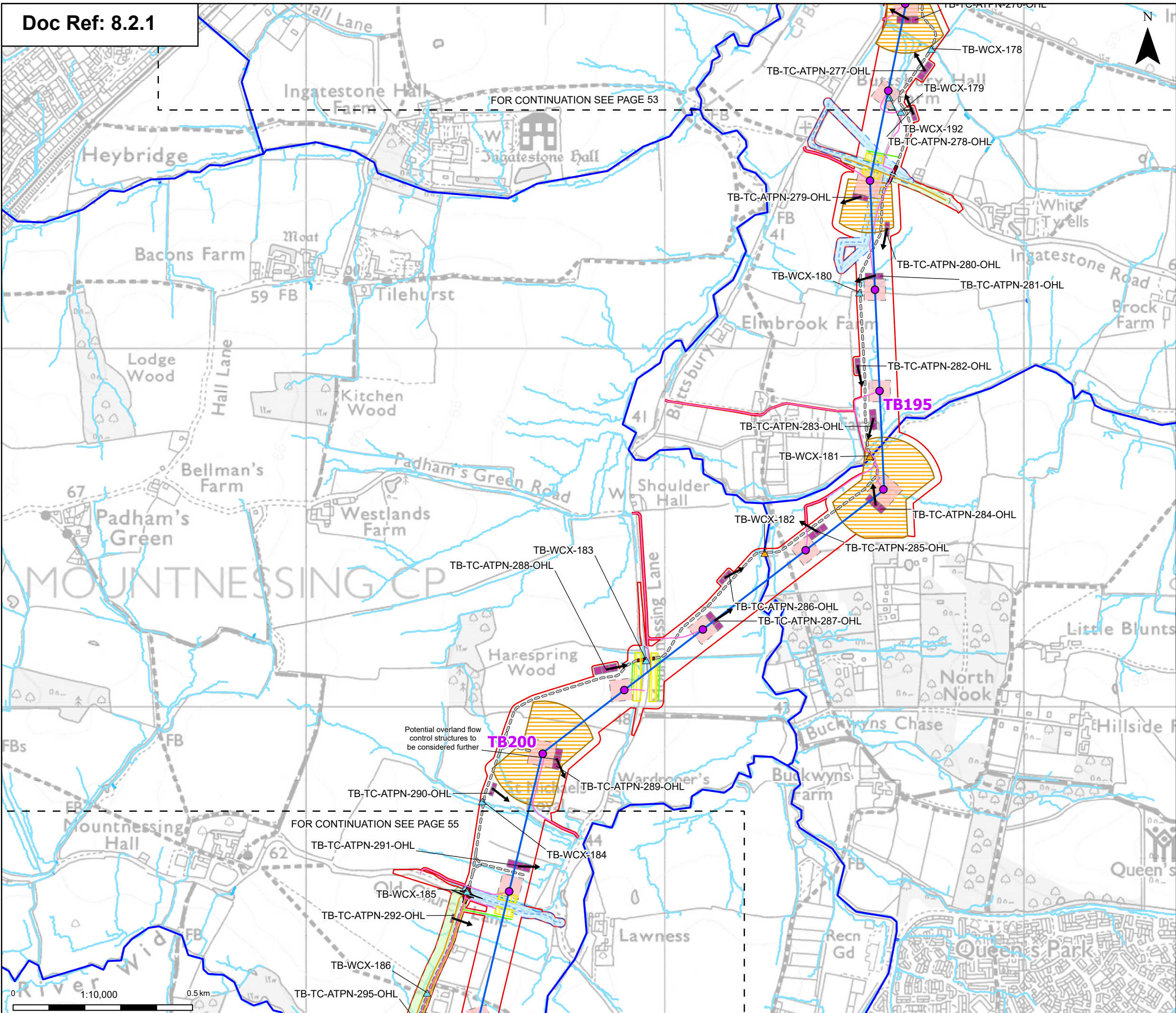
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Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Sections F and G
Page 53 of 63

Designed	TL	Date	July 2026
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Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

- Sheet index outline

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
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- Proposed overhead line construction SUDS basin
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- Proposed overhead line crossing protection work area
- Proposed pylon construction work area

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

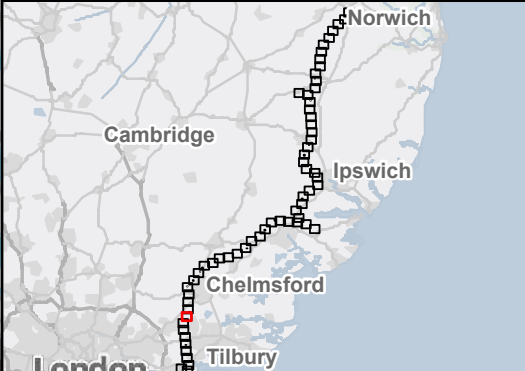
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Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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nationalgrid Norwich to Tilbury

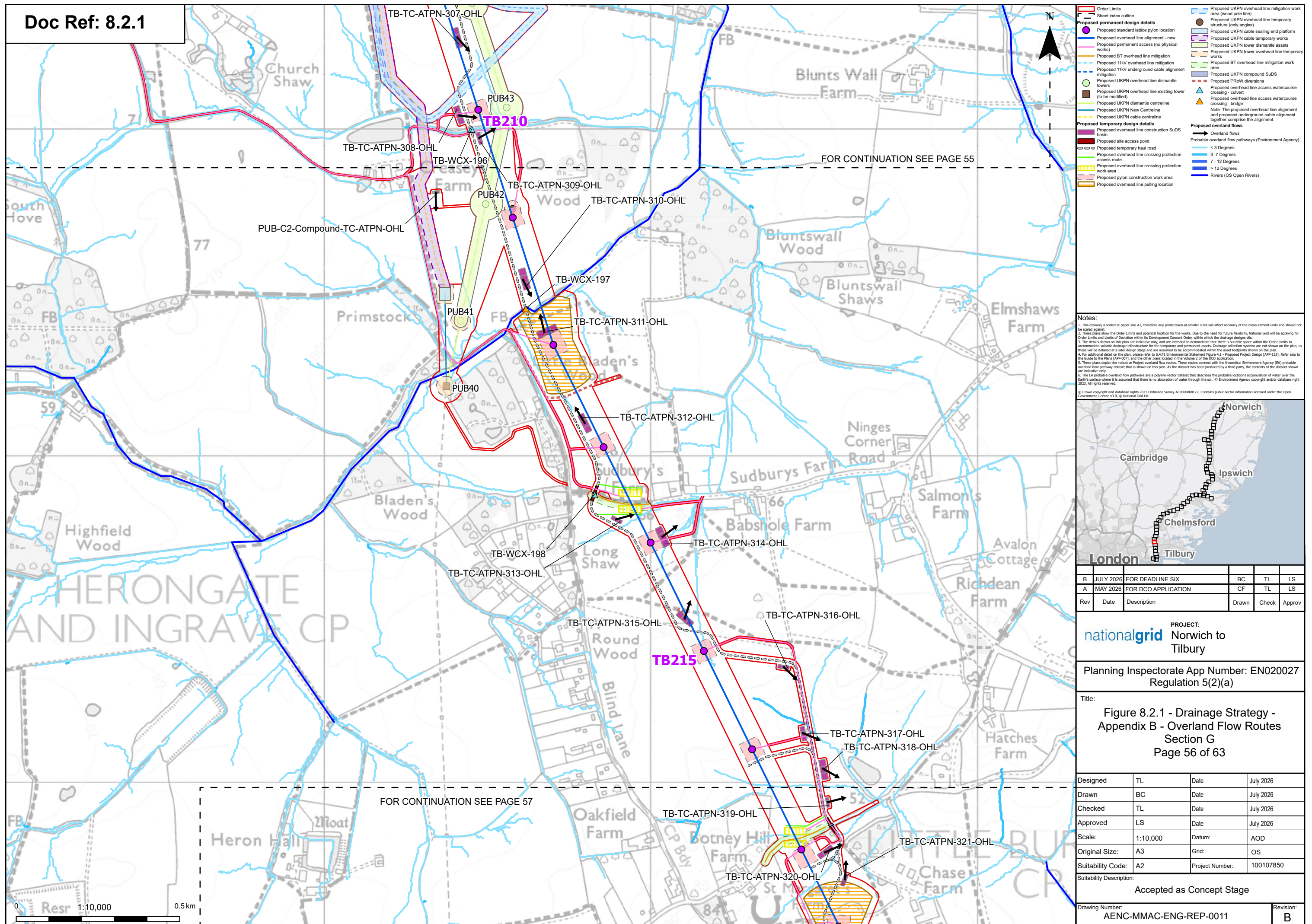
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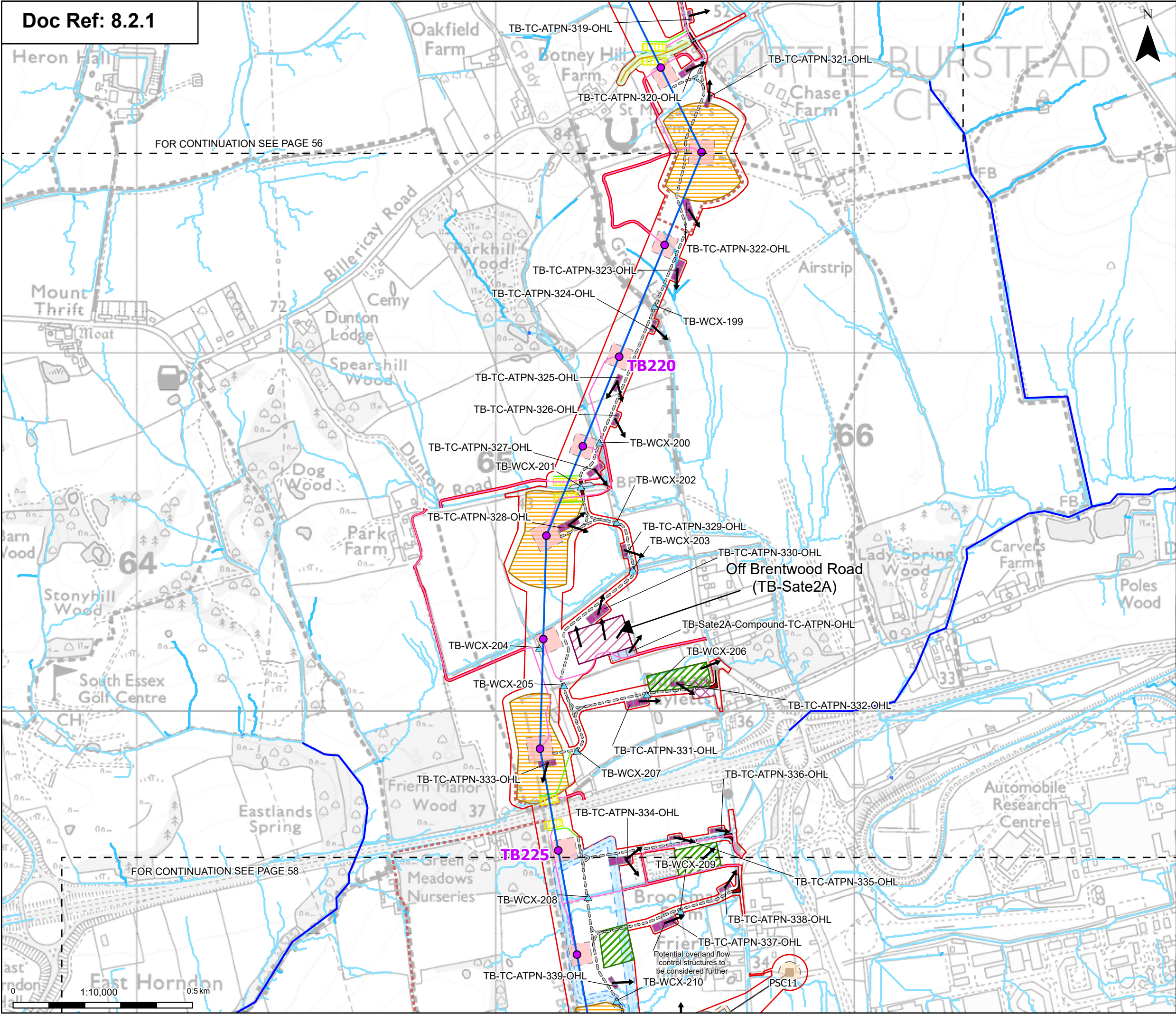
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Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section G
Page 54 of 63

Designed	TL	Date	July 2026
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Suitability Description:
Accepted as Concept Stage

Drawing Number: AENC-MMAC-ENG-REP-0011	Revision: B
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Order Limits

- Sheet index outline

Proposed permanent design details

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- Proposed overhead line alignment - new
- Proposed permanent access (no physical works)
- Proposed BT overhead line mitigation
- Proposed Verve (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 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 overhead line pulling location

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

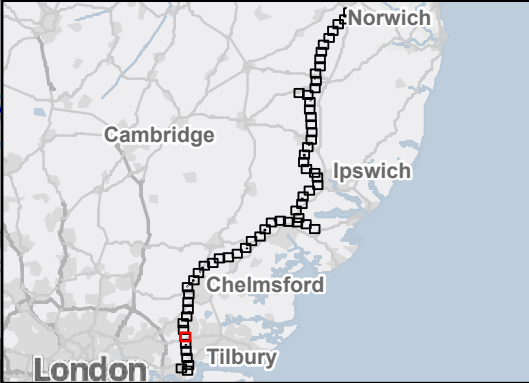
- Proposed UKPN cable sealing and platform
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed BT overhead line mitigation work area
- Proposed BT overhead line mitigation work area
- Proposed highways mitigation compounds
- Proposed overhead line compounds SuDS
- Proposed bellmouth stacking
- Proposed PRoW diversions
- Proposed overhead line access watercourse crossing - culvert

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

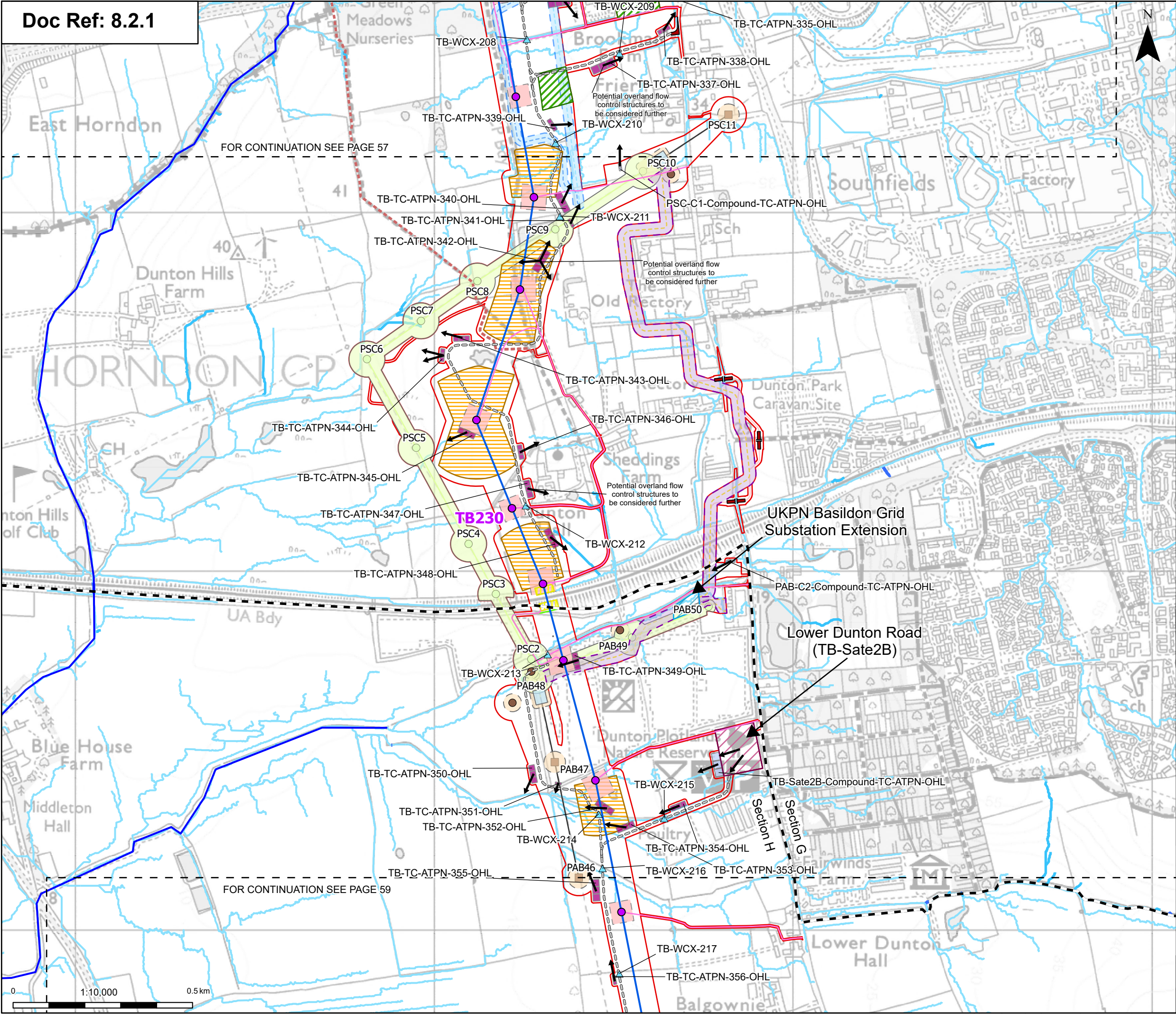
Title:
**Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Section G
Page 57 of 63**

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:
AENC-MMAC-ENG-REP-0011

Revision:
B



Order Limits

- Sheet index outline
- Project section line

Proposed permanent design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- 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
- Proposed UKPN existing centreline (modified)
- Proposed UKPN Cable Access
- Proposed UKPN Cable Access

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

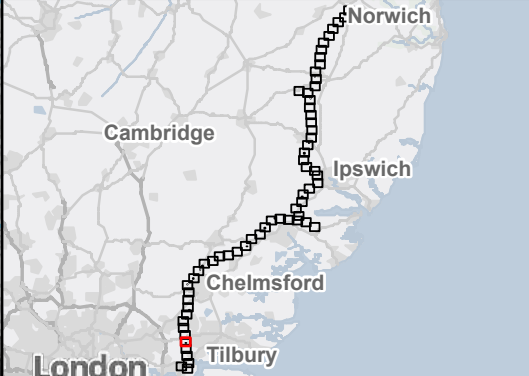
- Proposed overhead line pulling location
- Proposed UKPN overhead line mitigation work area (wood pole line)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed UKPN cable sealing end platform
- Proposed UKPN cable temporary works
- Proposed UKPN tower dismantle assets
- Proposed UKPN tower overhead line temporary works
- Proposed overhead line compounds SuDS
- Proposed UKPN compound SuDS
- Proposed PRoW diversions
- Proposed Environmental Mitigation Areas - Temporary
- Proposed overhead line access watercourse crossing - culvert

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

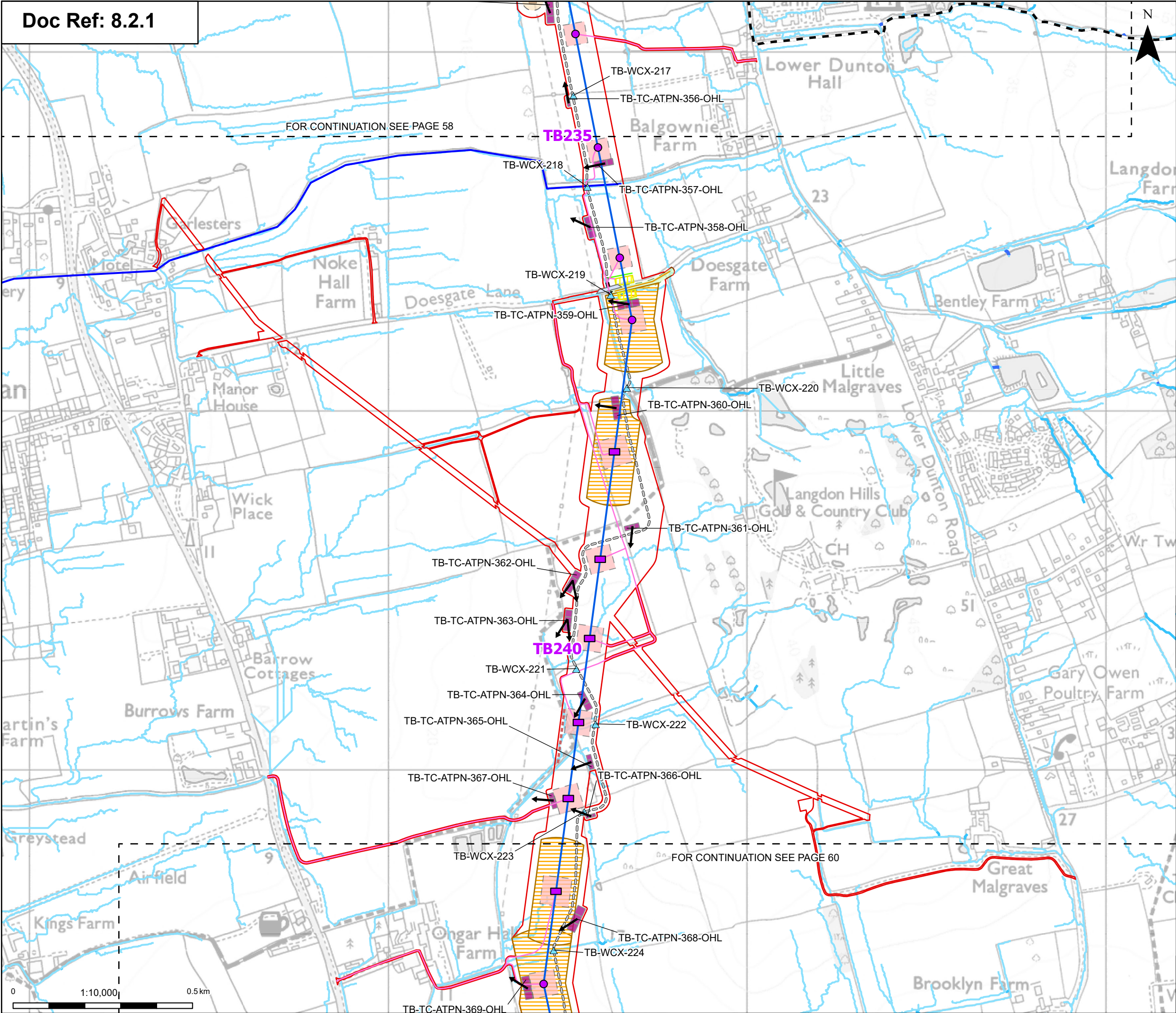
PROJECT:
nationalgrid Norwich to Tilbury

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

Title:
Figure 8.2.1 - Drainage Strategy -
Appendix B - Overland Flow Routes
Sections G and H
Page 58 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage			
Drawing Number:	AENC-MMAC-ENG-REP-0011		
Revision:	B		



Order Limits

- 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 - new
- 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 overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3 - 7 Degrees
- 7 - 12 Degrees
- > 12 Degrees
- Rivers (OS Open Rivers)

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

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

Notes:

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN02027

Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Sections G and H

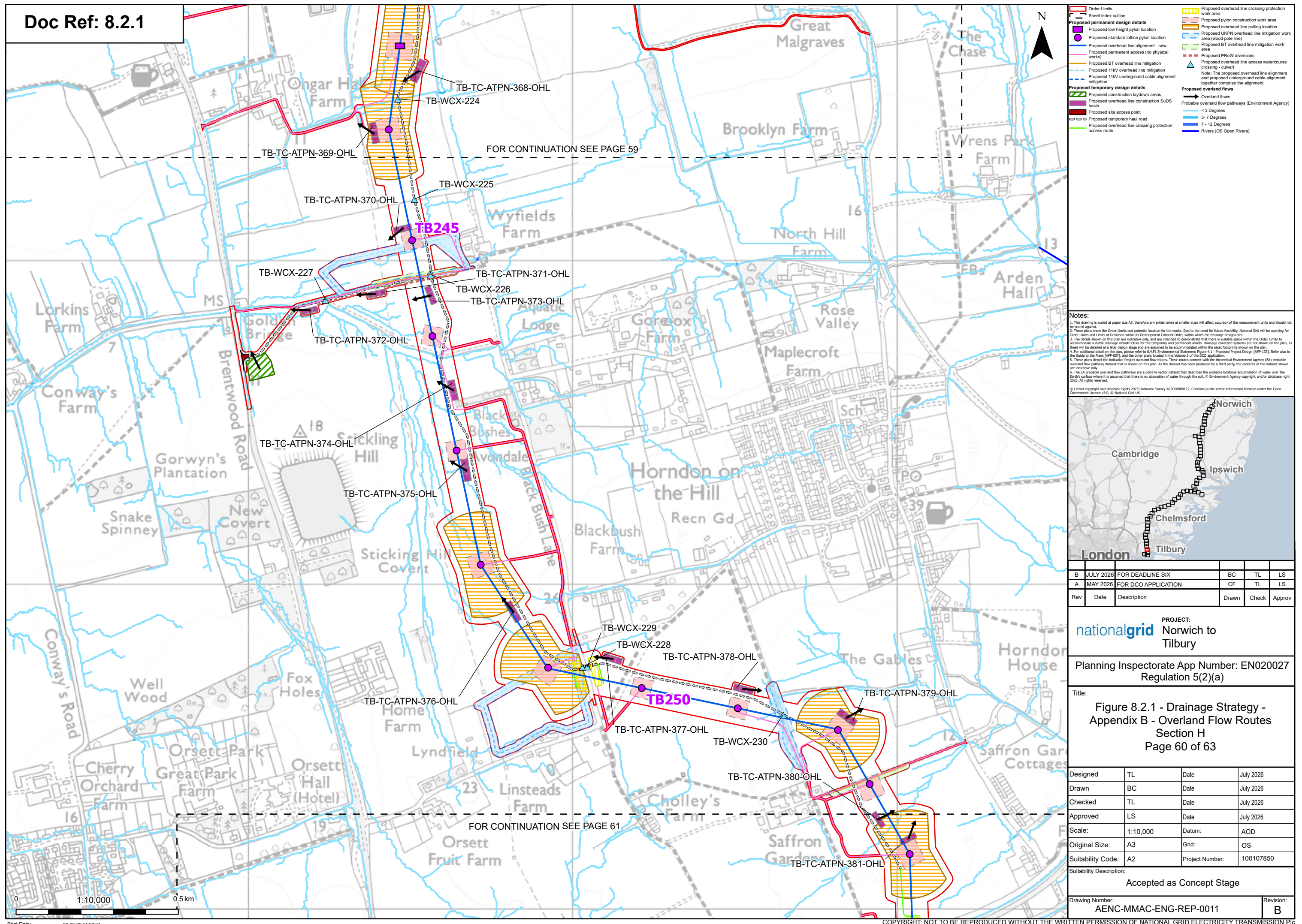
Page 59 of 63

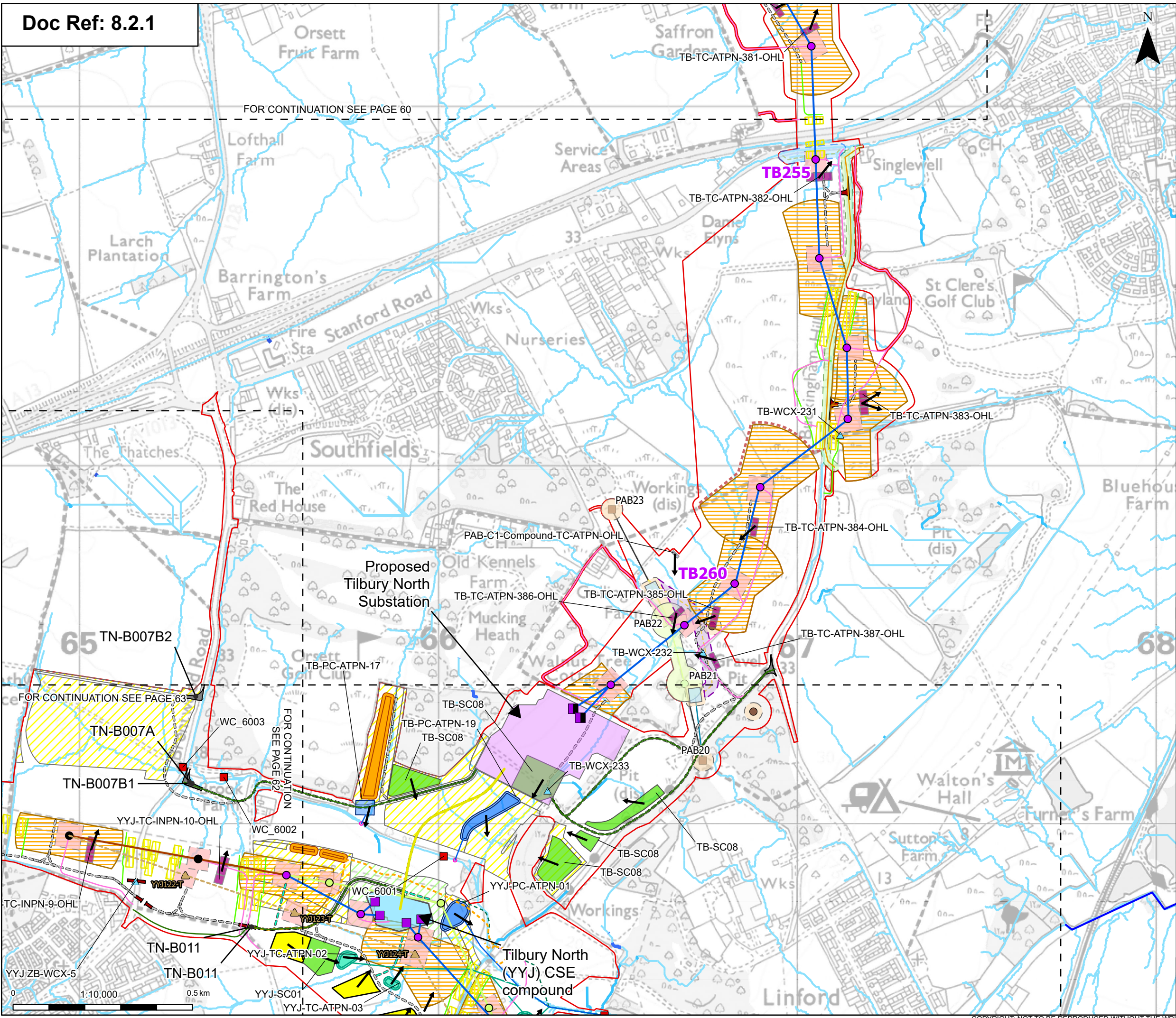
Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:

Accepted as Concept Stage

Drawing Number:	AENC-MMAC-ENG-REP-0011	Revision:	B
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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 - new

Proposed overhead line alignment - existing (modified)

Proposed underground cable alignment

Proposed permanent access (no physical works)

Proposed BT overhead line mitigation

Proposed Tilbury North Substation

Proposed cable sealing end (CSE) compound

Proposed permanent attenuation drainage channel

Proposed permanent attenuation drainage pond

Proposed permanent drainage access route

Proposed LV overhead line

Proposed LV proposed underground cable alignment

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 New Centreline

Proposed UKPN cable centreline

Proposed permanent site access points

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 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 (wood pole line)

Proposed UKPN overhead line mitigation work area

Proposed overhead line pulling location

Proposed UKPN overhead line 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 outfall location

Proposed temporary pylons

Proposed temporary centreline

Proposed UKPN compound SuDS

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 overland flows

Overland flows

Probable overland flow pathways (Environment Agency)

< 3 Degrees

3 - 7 Degrees

7 - 12 Degrees

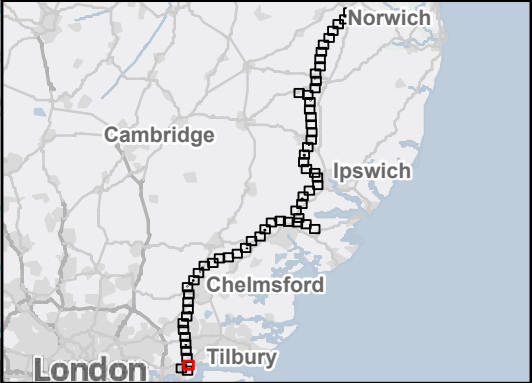
> 12 Degrees

Rivers (OS Open Rivers)

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B	JULY 2026	FOR DEADLINE SIX	BC	TL	LS
A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

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

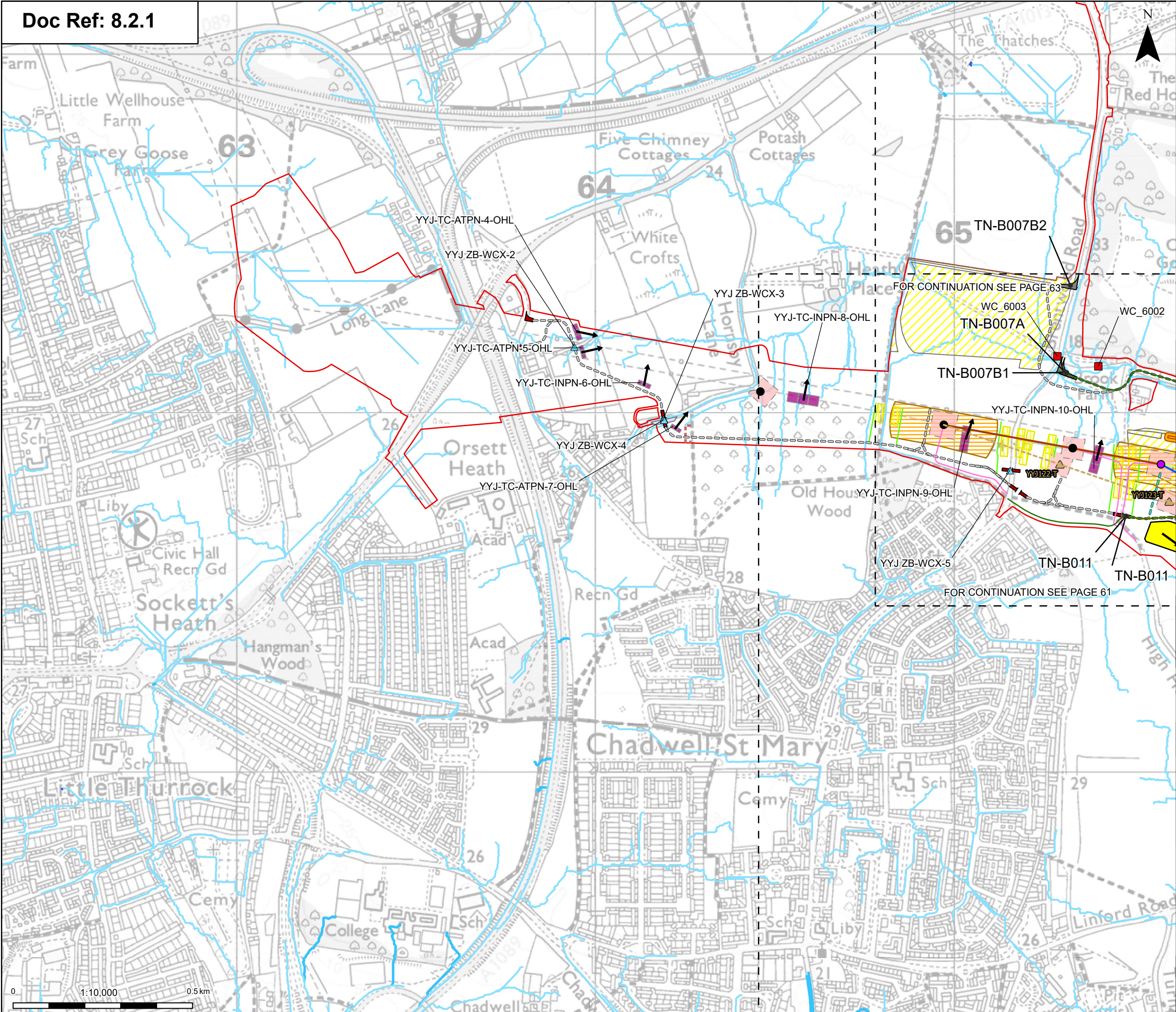
Title:
Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes
Section H
Page 61 of 63

Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850

Suitability Description:
Accepted as Concept Stage

Drawing Number:
AENC-MMAC-ENG-REP-0011

Revision:
B



Order Limits

- Sheet index outline

Proposed permanent design details

- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment - new
- Proposed overhead line alignment - existing (modified)
- Proposed permanent access (no physical works)
- 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 Mitigation Areas - Permanent
- Proposed permanent site access points
- Proposed underground cable/CSE compound/substation/outfall watercourse crossing - permanent

Proposed temporary design details

- Proposed underground cable construction compound

- 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 temporary pylons
- Proposed temporary centreline
- 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.

Proposed overland flows

- Overland flows
- Probable overland flow pathways (Environment Agency)
- < 3 Degrees
- 3- 7 Degrees
- > 12 Degrees

Notes:

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A	MAY 2026	FOR DCO APPLICATION	CF	TL	LS
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

Figure 8.2.1 - Drainage Strategy - Appendix B - Overland Flow Routes Section H

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Designed	TL	Date	July 2026
Drawn	BC	Date	July 2026
Checked	TL	Date	July 2026
Approved	LS	Date	July 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	100107850
Suitability Description:			

Accepted as Concept Stage

Drawing Number:	Revision:
AENC-MMAC-ENG-REP-0011	B

