The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-ONS-REP-0076

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.11.F4 Environmental Statement Figure 11.4 Flood Risk Areas Surface Water

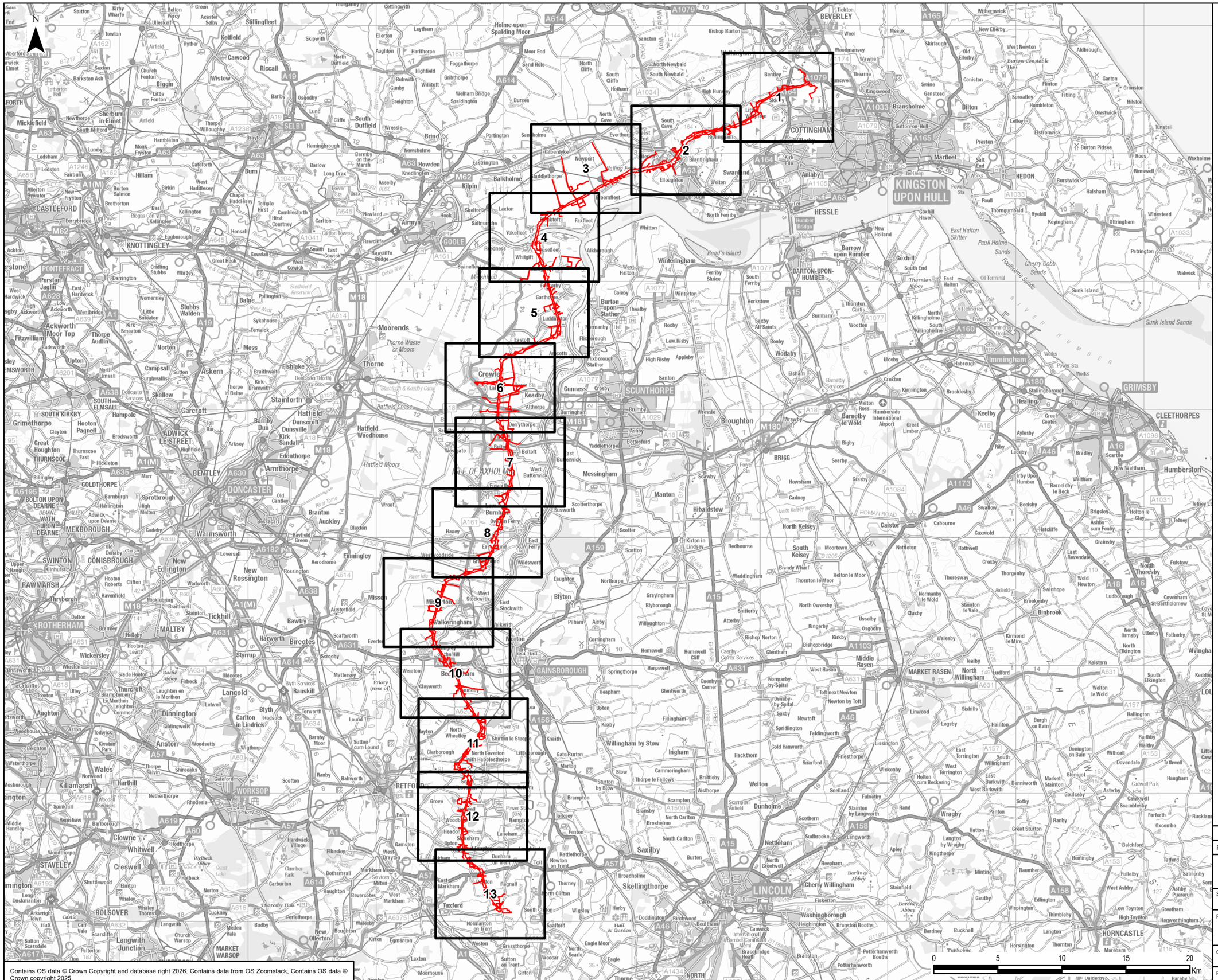
Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

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

nationalgrid



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0	03/08/2026	ENVIRONMENTAL STATEMENT	JH	JG	LD

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.4 - FLOOD RISK AREAS - SURFACE WATER KEY PLAN

Creator:	Date:	Checker:	Date:	Approver:	Date:
JH	03/08/2026	JG	03/08/2026	LD	03/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
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Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line

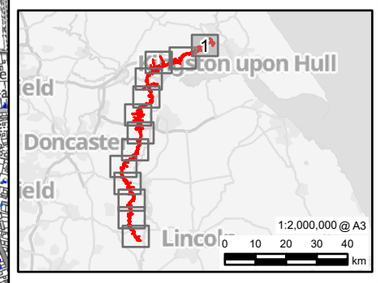
- 275 kV
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Overhead Line Not Affected
- Existing Lattice Pylon Not Affected

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk



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0	14/10/2026	ENVIRONMENTAL STATEMENT	AMS	JG	LD

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Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.4 - FLOOD RISK AREAS - SURFACE WATER

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AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
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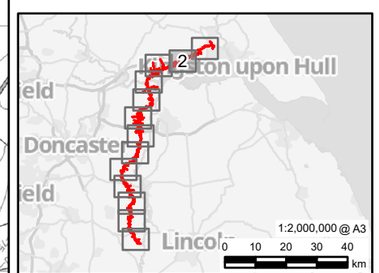
- Order Limits
- 500 m Study Area

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Reconductored
- Existing Overhead Line to be Dismantled
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk



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Scheme: NORTH HUMBER TO HIGH MARNHAM

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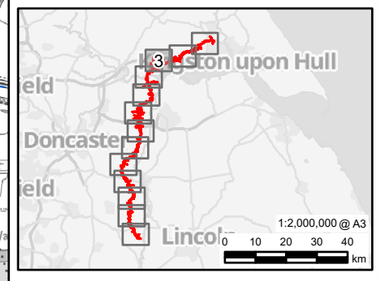
- Order Limits
- 500 m Study Area

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Dismantled
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
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Scheme: NORTH HUMBER TO HIGH MARNHAM

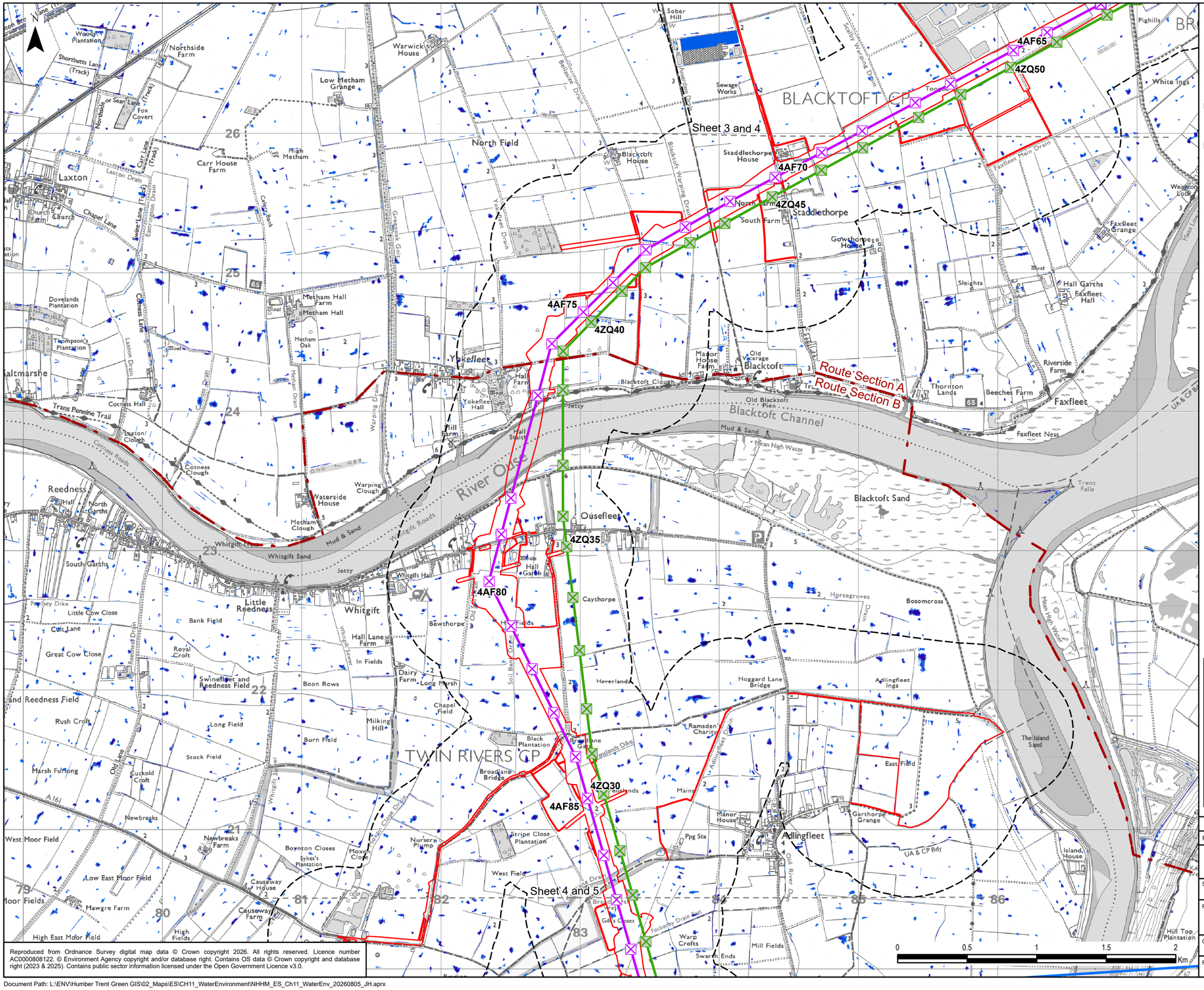
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Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Existing Overhead Line Not Affected
- Existing Lattice Pylon Not Affected

Water Environment Feature
- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

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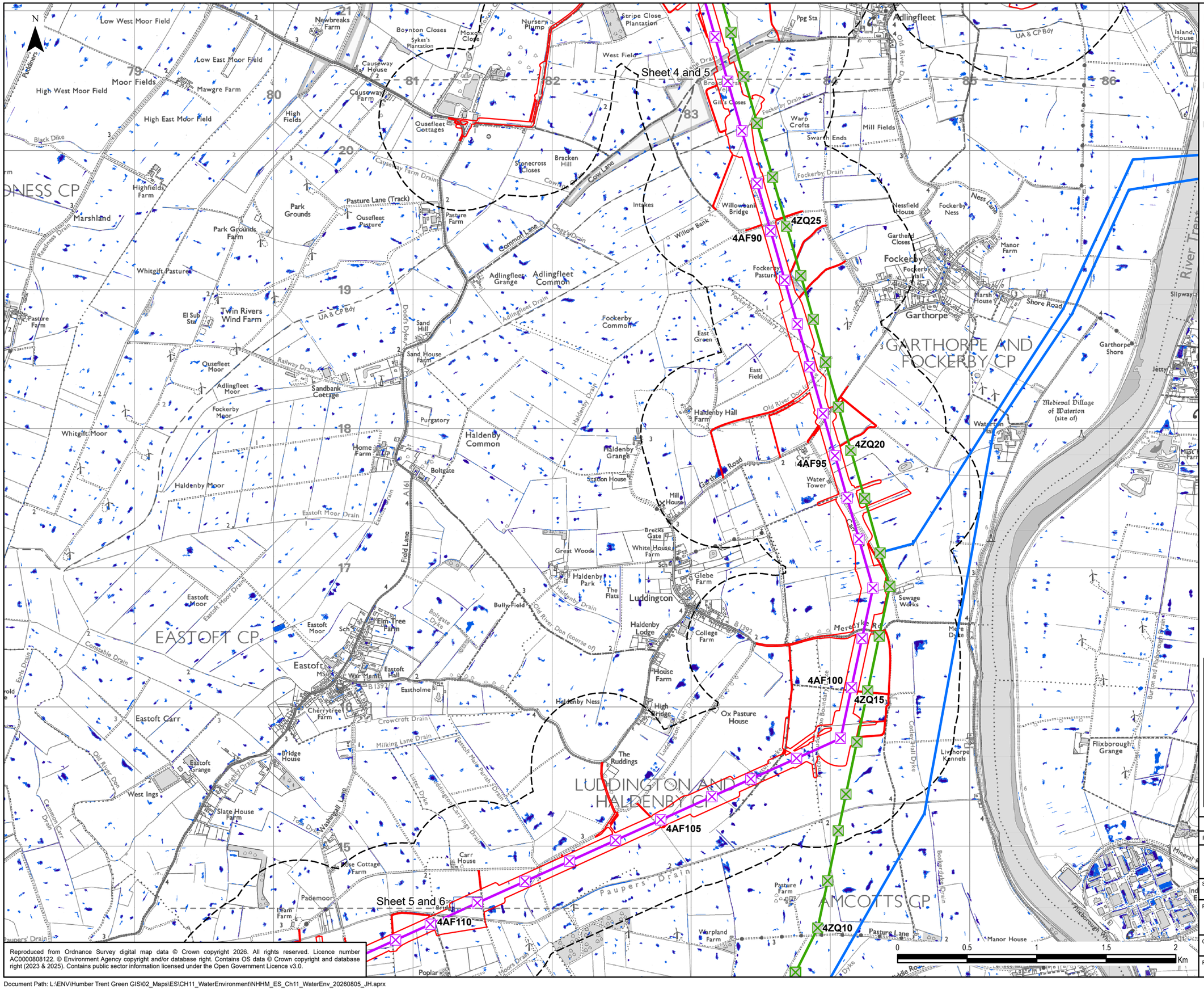
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Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Existing Overhead Line Not Affected
- Existing Lattice Pylon Not Affected

Water Environment Feature
- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

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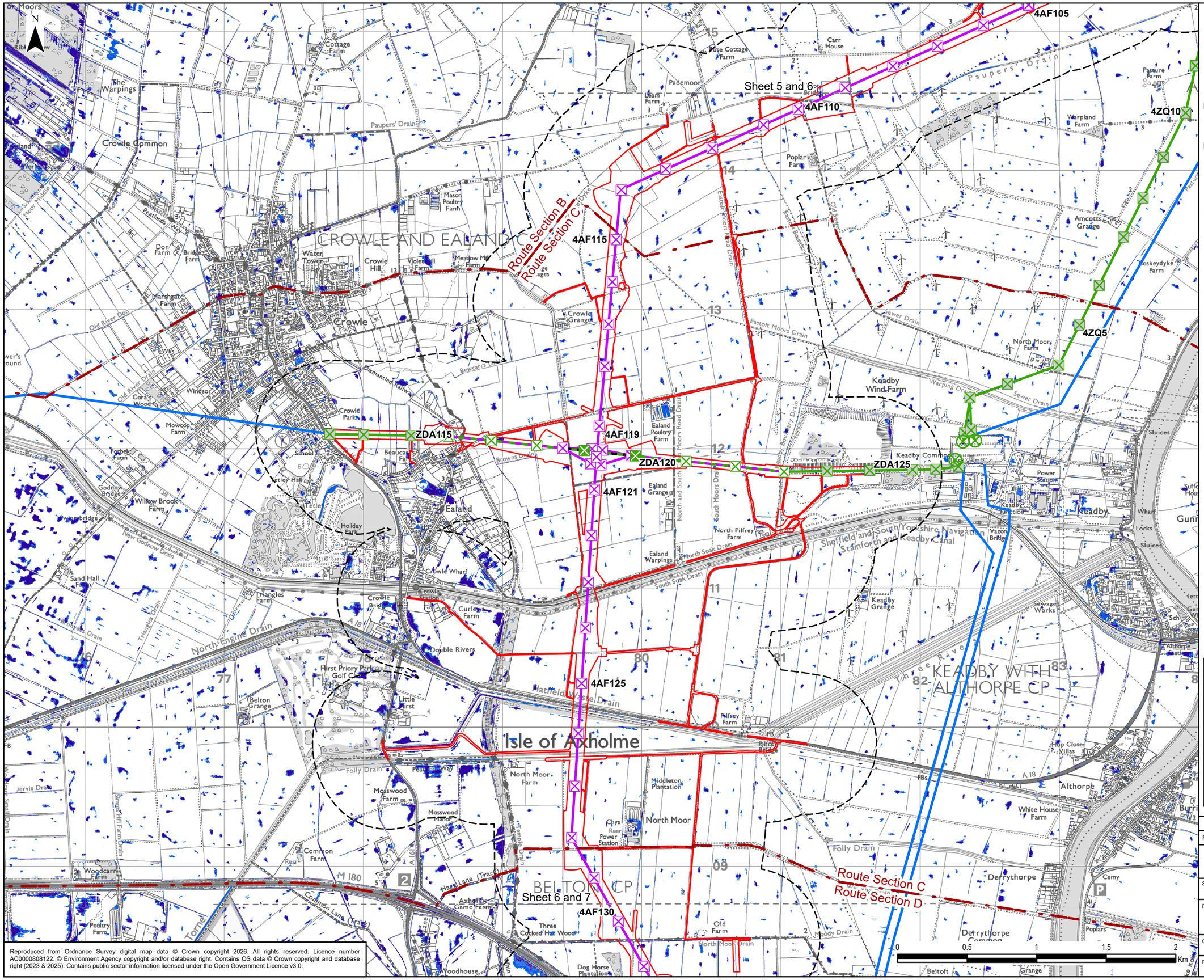
Scheme: NORTH HUMBER TO HIGH MARNHAM

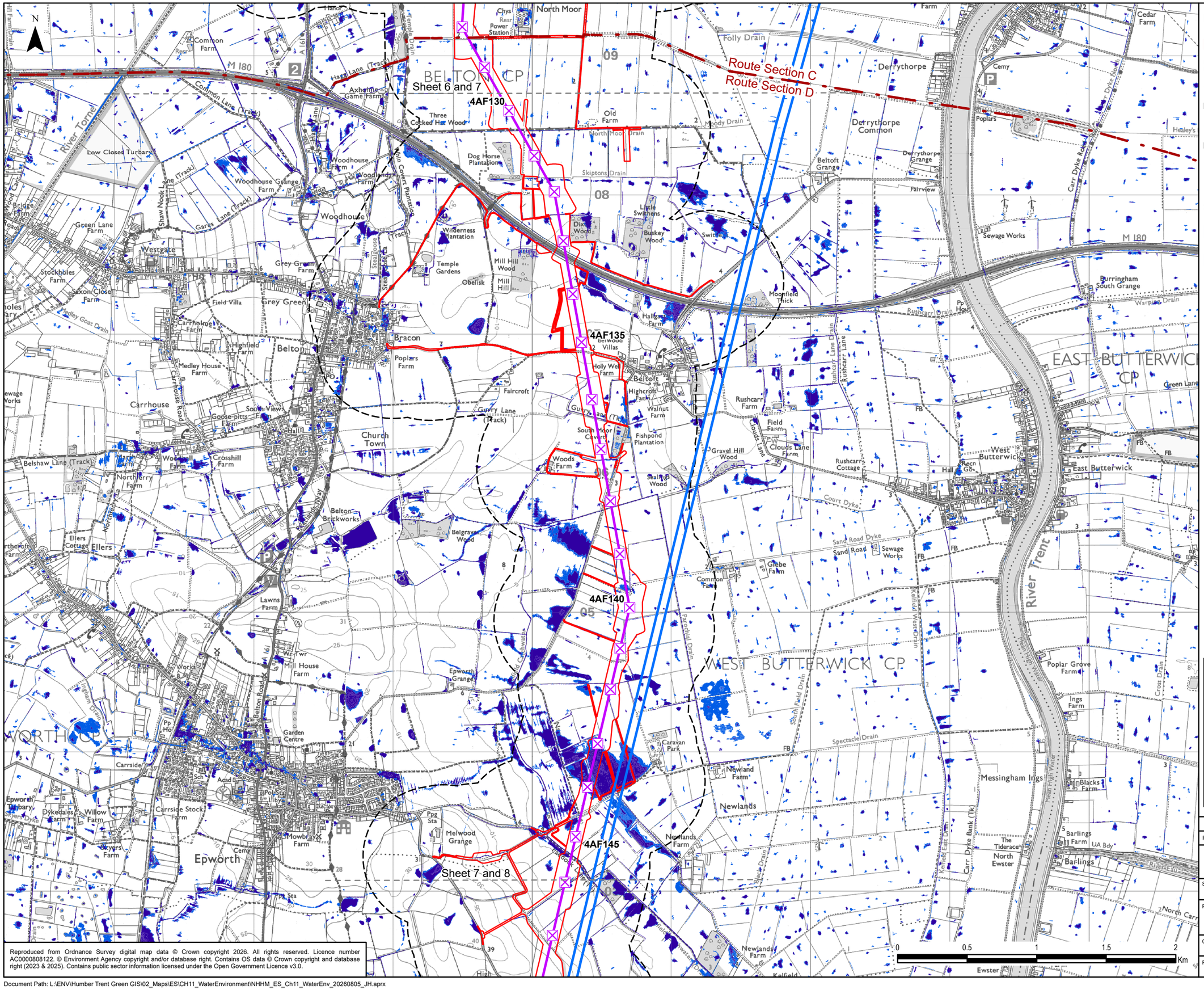
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4AF110
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4ZQ5
ZDA115
4AF119
ZDA120
ZDA125
4AF121
4AF125
4AF130
Route Section B
Route Section C
Route Section C
Route Section D
Sheet 5 and 6
Sheet 6 and 7
CROWLE AND EALAND CP
KEADBY WITH ALTHORPE CP
BELTON CP
Isle of Axholme
Crowle Common
Crowle
Ealand
Keadby Wind Farm
Keadby Common
Keadby
Althorpe
Derrythorpe
Derrythorpe Common
North Moor
Paupers Drain
Eastoft Moors Road Drain
Eastoft Moors Drain
Sewer Drain
Warping Drain
Folly Drain
North Soak Drain
South Soak Drain
Sheffield and South Yorkshire Navigation Stainforth and Keadby Canal
Hatfield Waste Drain
North Engine Drain
Old River Don
Diamantled Railway
Pilfrey Bridge
Power Station
Sewage Works
Yazon Bridge
Pilfrey Farm
Keadby Grange
Ealand Grange
Crowle Grange
Crowle Park
Crowle Wharf
Crowle Station
Ealand Warpings
Ealand Poultry Farm
North Pilfrey Farm
Middleton Plantation
Three Cocked Hat Wood
Dog Horse Plantation
Old Farm
Double Rivers
Hirst Priory Park Golf Course
Belton Grange
Little Hirst
Mosswood Farm
North Moor Farm
Common Farm
Woodcarr Farm
Woodhouse
Axholme Game Farm
Curlew Farm
Triangles Farm
Sand Hall Farm
Willow Brook Farm
Godnow Bridge
Holiday Park
Crowle Hill
Water Tower
Meadow Mill Farm
Violet Hill Farm
Marshgate Farm
Don Farm
Bridge Farm
Peatlands Way
Cora's Wood
Windsor
Mowcop Farm
Foxhek Farm
Beaucastle Farm
Tetley Hall
Tedder
Cottage Farm
The Warpings
Rose Cottage Farm
Carr House
Pademoor
Beltoft Grange
Poplar Farm
Laddington Moors Drain
Old Sewer
Eastoft Boundary Drain
Warpland Farm
Pasture Farm
Amcotts Grange
Toskeydyke Farm
North Moor Farm
Sluices
Locks
Wharf
Top Close Villas
White House Farm
Poplars
Cemy
Jervis Drain
Folly Drain
Peatlands Way
Bewcarrs
Browns Drain
Triangles Drain
Hazel Lane (Track)
Common Lane (Track)
Tornel
Mason Poultry Farm
Ealand Poultry Farm
Chys
Rear
Power Station
Reservoir
Reservoir
Reservoir



Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

Rev	Date	Description	GIS	Chk	App
0	14/10/2026	ENVIRONMENTAL STATEMENT	AMS	JG	LD

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Scheme: NORTH HUMBER TO HIGH MARNHAM

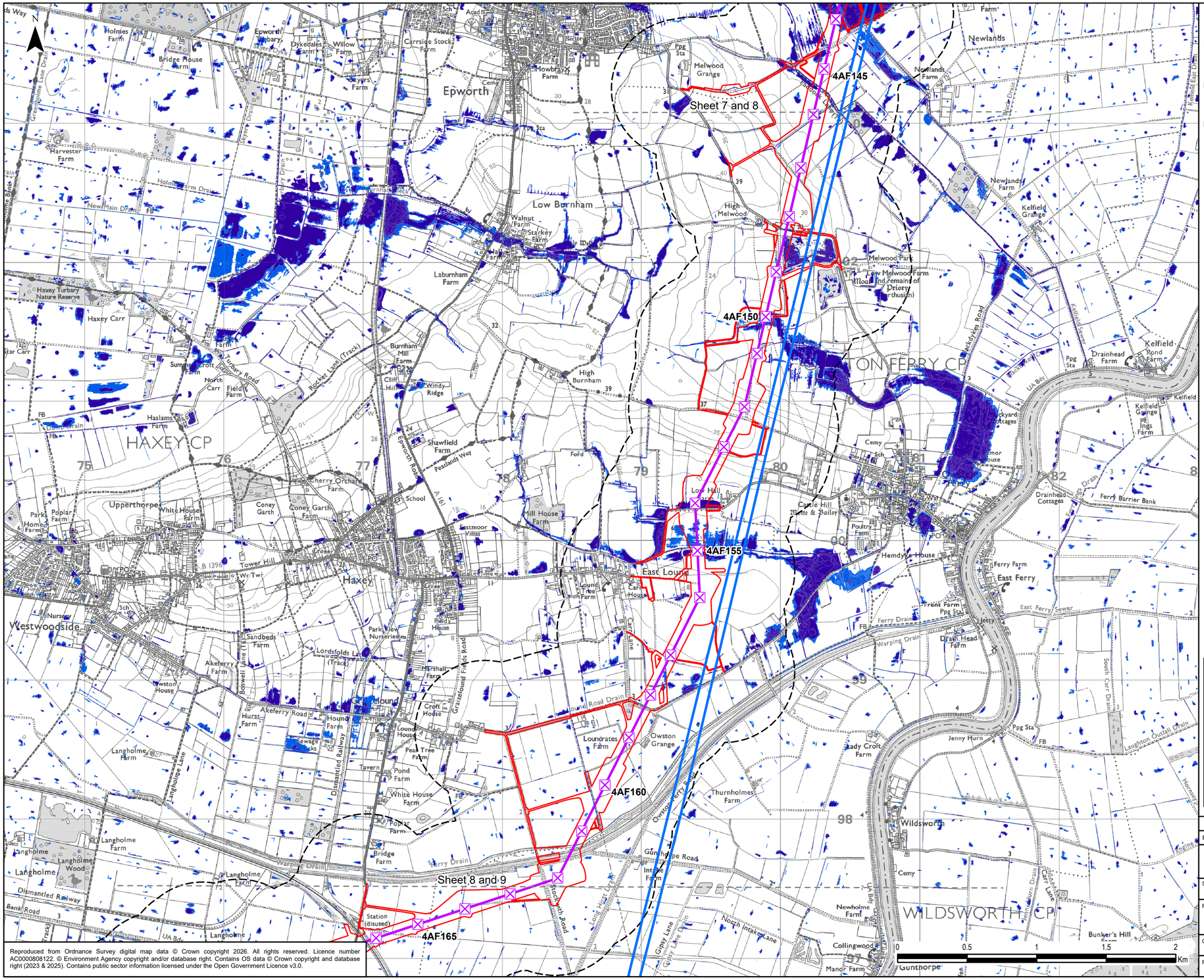
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Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Overhead Line
- Indicative New Lattice Pylon

Water Environment Feature
- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

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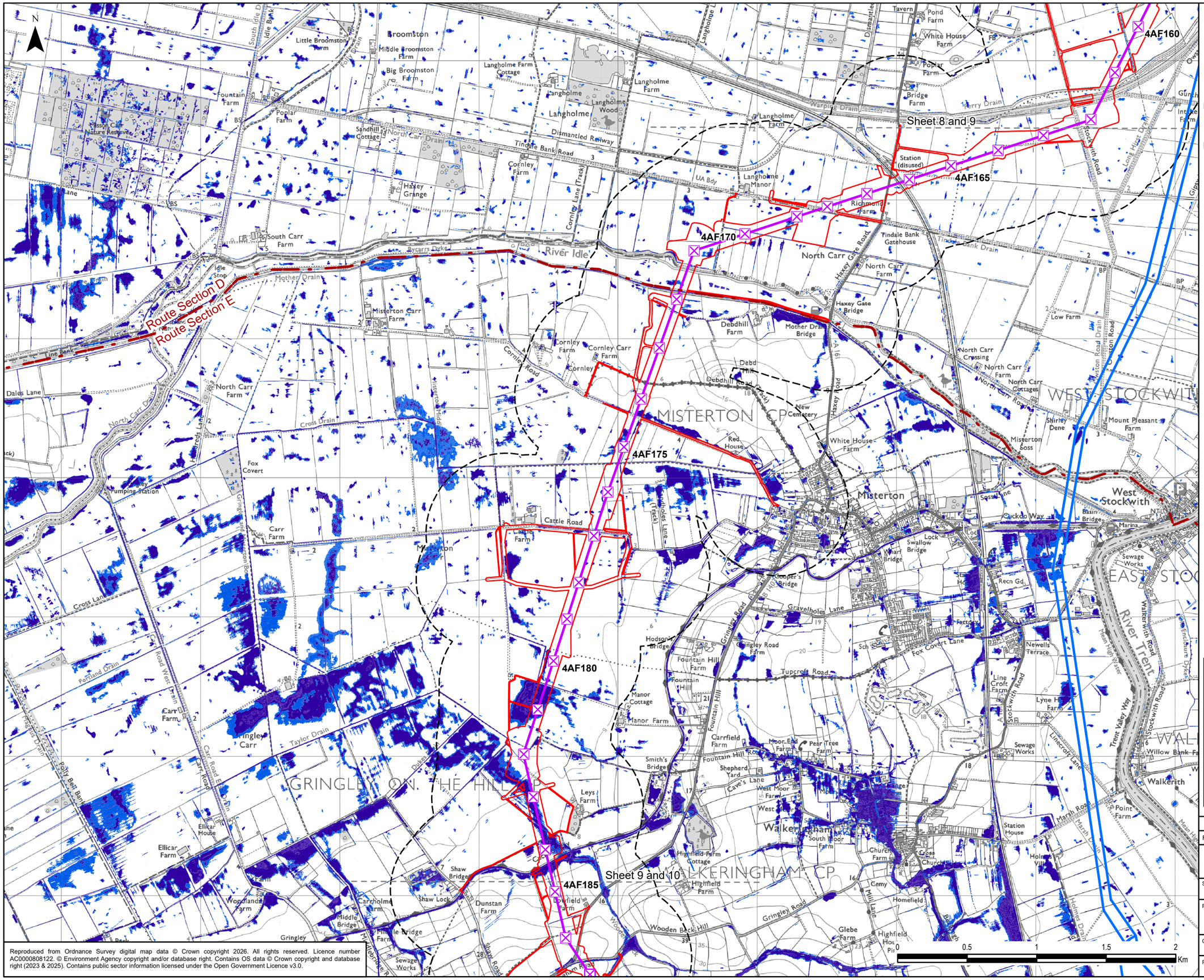
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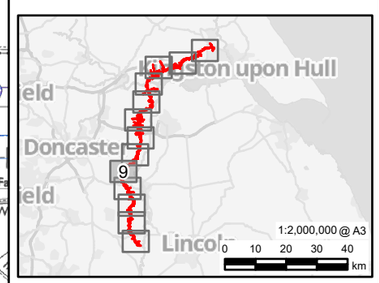
Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Overhead Line
- Indicative New Lattice Pylon

Water Environment Feature
- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk



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Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

4AF185

Sheet 9 and 10

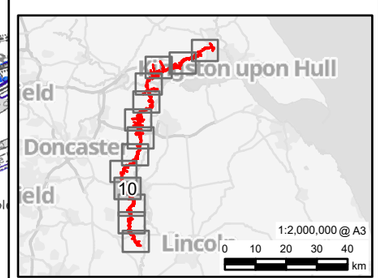
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Sheet 10 and 11

4AF205



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Scheme: NORTH HUMBER TO HIGH MARNHAM

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Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line

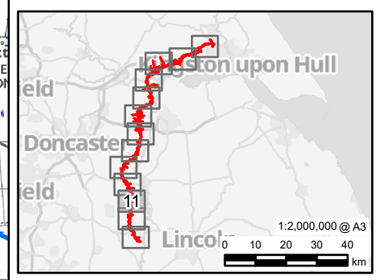
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk



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Sheet 11 and 12

Sheet 12 and 13

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4AF235

4AF240

Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line

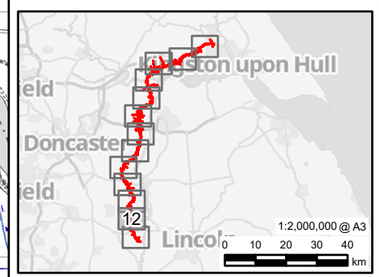
- 400 kV

Project Design Details

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- Indicative New Lattice Pylon

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk



0 0.5 1 1.5 2 Km

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Sheet 12 and 13

4AF240

4AF245

4AF250

4AF255

4AF260

Route Section E

Route Section F

DUNHAM-ON-TRENT CP

RAGNALL CP

DARLTON CP

FLEDBOROUGH CP

MARNHAM CP

NEWTON

NORTH CLIFTON

SOUTH CLIFTON

Dunham-on-Trent

Ragnall

Darlton

Fledborough

Marnham

High Marnham

Low Marnham

North Clifton

South Clifton

Normanton on Trent

Drayton

Retford Road

A57

A1133

A6075

647

Darlton Road

Marnham Road

Fledborough Beck

River Trent

Old Trent

Trent Valley Way

Dunham Bridge (Toll)

ROMAN FORT

Reservoir

Medieval Village of Whimpton (site of)

Medieval Village of Woodcotes (site of)

Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line

- 275 kV
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon
- Indicative New Gantry

Water Environment Feature

- Risk of Flood from Surface Water - High Risk
- Risk of Flood from Surface Water - Medium Risk

1:2,000,000 @ A3

0 10 20 30 40 km

0 0.5 1 1.5 2 Km

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Figure Ref:	Scale:	Format:	Sheets:	Rev:
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