The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-ONS-REP-0075

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.11.F3 Environmental Statement Figure 11.3 Flood Risk Areas – Rivers and the Sea

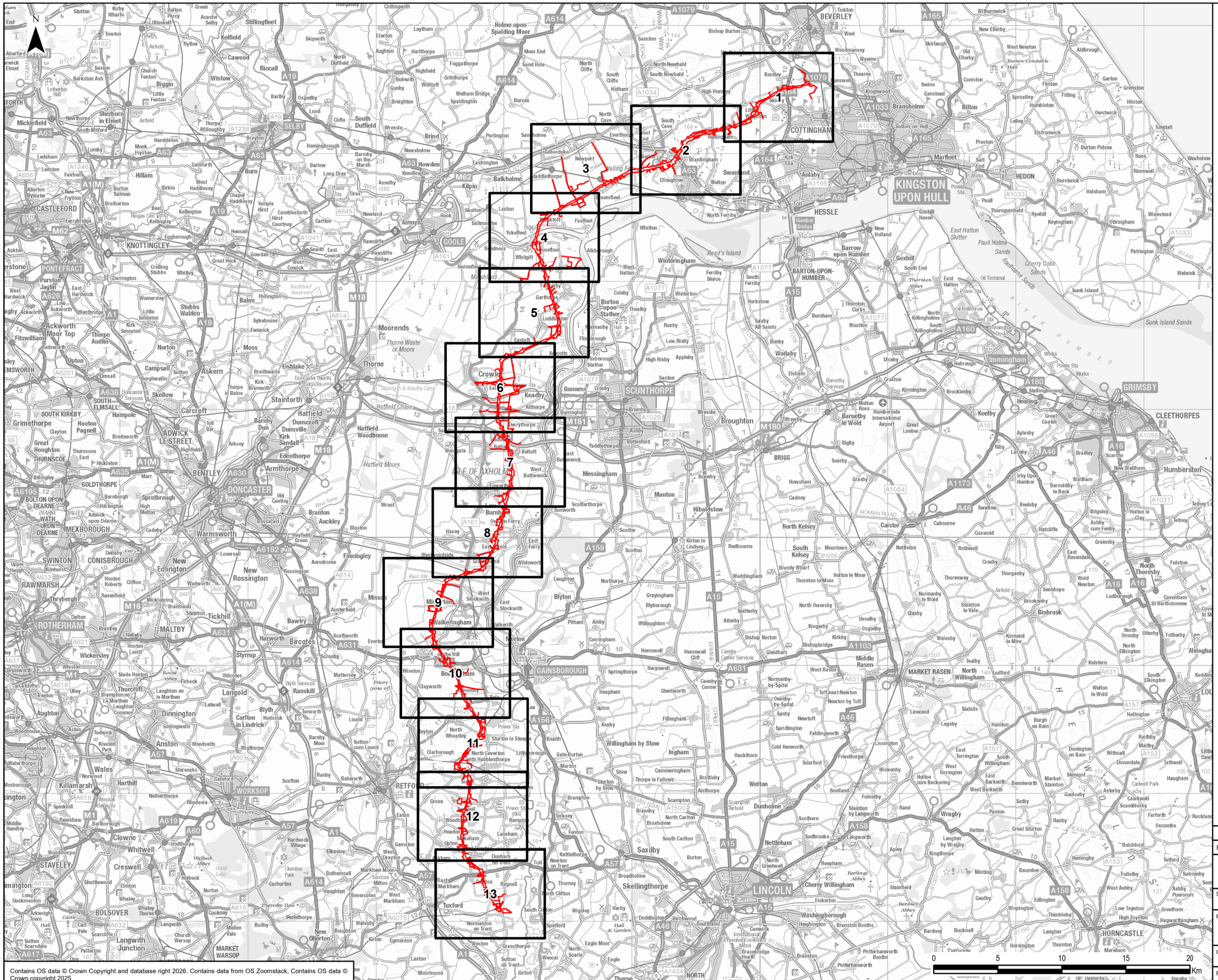
Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

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

nationalgrid



Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack, Contains OS data © Crown copyright 2025

Rev	Date	Description	GIS	Chk	App
0	03/08/2026	ENVIRONMENTAL STATEMENT	JH	JG	LD

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA 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:
11.3	1:275,000	A3	KEY PLAN	0

Document Path: \\na.aecomnet.com\lfs\EMEA\ArcGIS-EUDTC04\DCS\Projects\ARCGIS_PROD\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260803_JH.aprx

Legend

- Order Limits
- 500 m Study Area

Existing Overhead Line

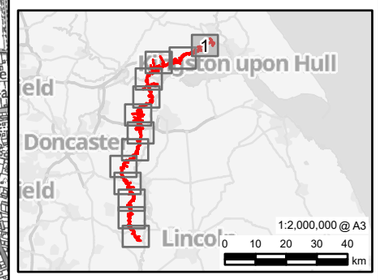
- 275 kV
- 400 kV

Project Design Details

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

Water Environment Feature

- Ordinary Watercourse
- Main River
- Flood Defence



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	1 OF 13	0

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx

Legend

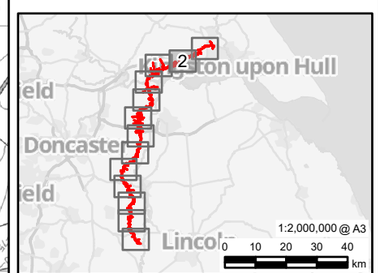
- Order Limits
- 500 m Study Area

Project Design Details

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

Water Environment Feature

- Ordinary Watercourse
- Main River
- Flood Defence
- Upper Humber Def 2016 Tidal 200 Year



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	2 OF 13	0

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx

Legend

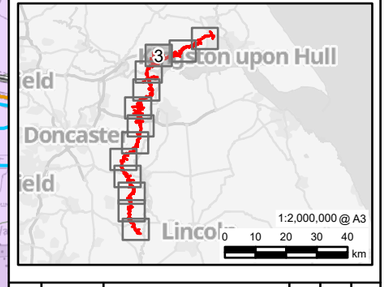
- Order Limits
- 500 m Study Area

Project Design Details

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

Water Environment Feature

- Ordinary Watercourse
- Main River
- Flood Defence
- Upper Humber Def 2016 Tidal 200 Year



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

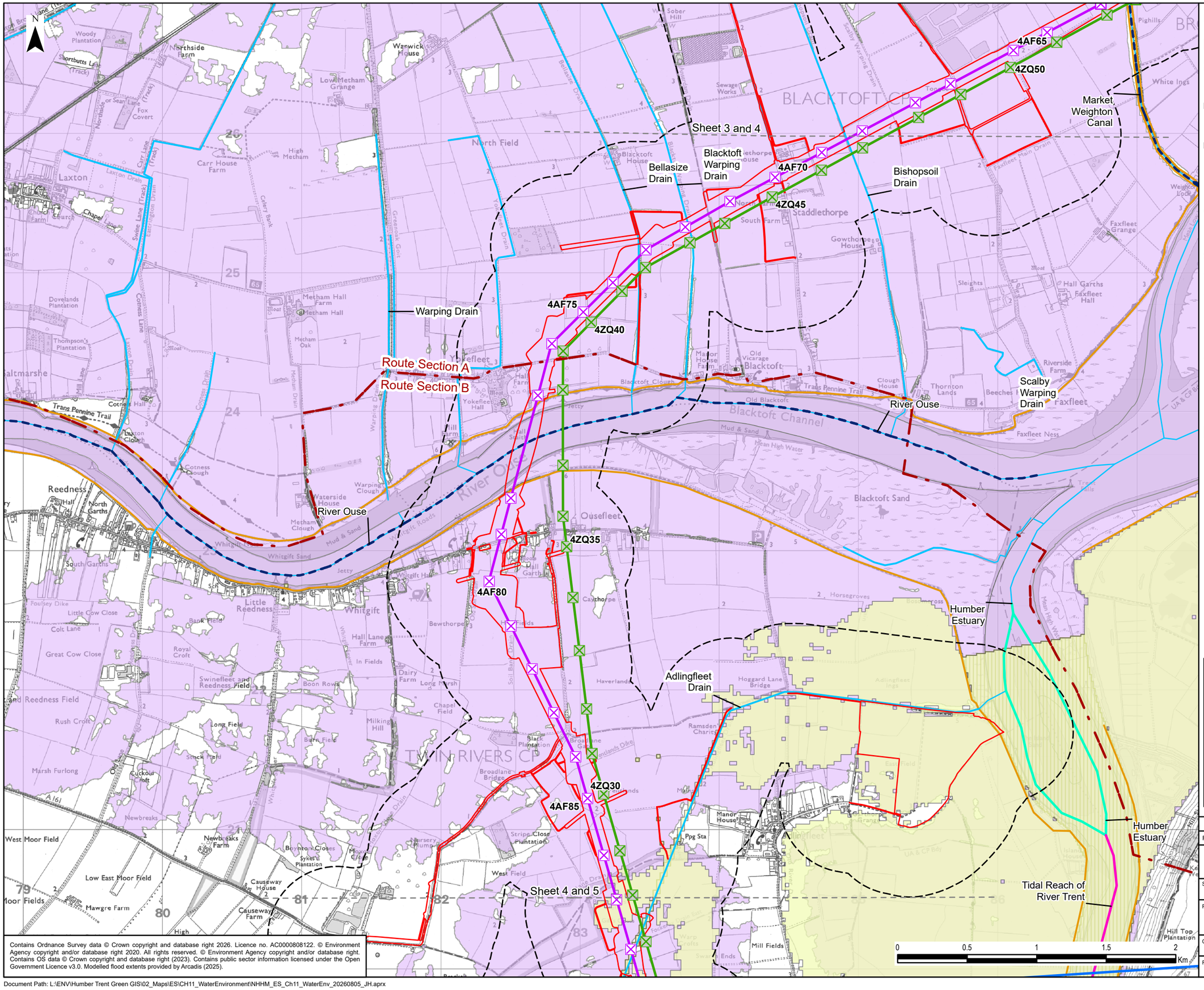
Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	3 OF 13	0

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



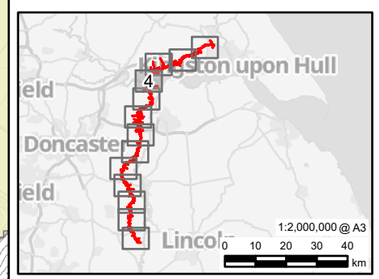
Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line
- 400 kV

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

Water Environment Feature
- Ordinary Watercourse
- Main River
- Humber Estuary
- Tidal Reach of River Trent
- Flood Defence
- Upper Humber Def 2016 Tidal 200 Year
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

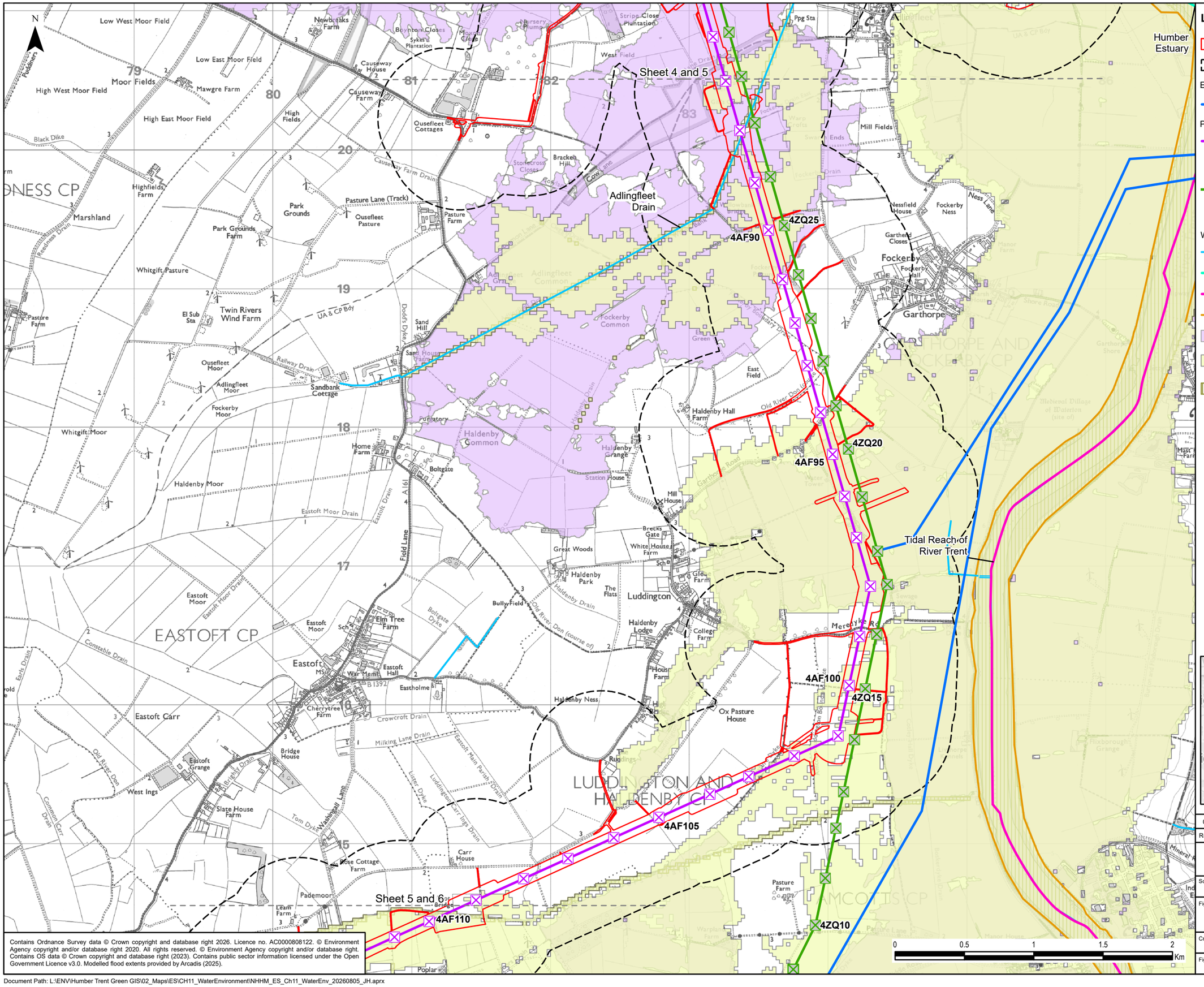
Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

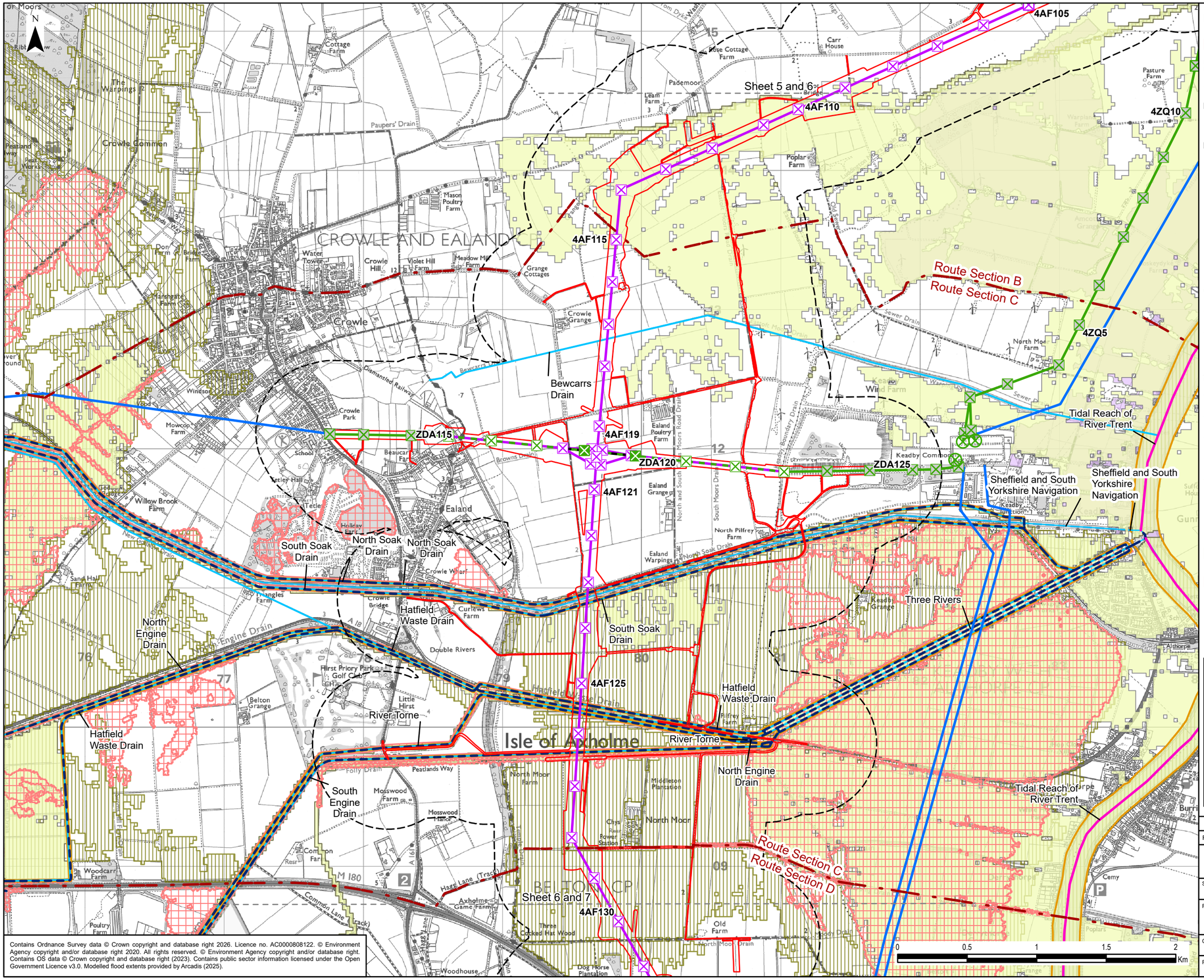
Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	4 OF 13	0

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx


Sheet 4 and 5
Sheet 5 and 6
4AF90
4ZQ25
4AF95
4ZQ20
4AF100
4ZQ15
4AF105
4AF110
4ZQ10
Adlingfleet Drain
Tidal Reach of River Trent
Humber Estuary
Twin Rivers Wind Farm
Moor Fields
Park Grounds
Pasture Lane (Track)
Ousefleet Pasture
Whitgift Pasture
Whitgift Moor
Haldenby Moor
Haldenby Common
Fockerby Common
Fockerby
Garthorpe
Luddington
Eastoft
Eastoft Carr
Adlingfleet Moor
Fockerby Moor
Ousefleet Moor
Park Grounds Farm
Pasture Farm
Sandbank Cottage
Slate House Farm
Haldenby Grange
Haldenby Park
Haldenby Lodge
Ox Pasture House
Mill Fields
Nessfield House
Fockerby Ness
Garthfield Closes
Fockerby Hall
Haldenby Hall Farm
Ousefleet Cottages
Causeway House
Causeway Farm
Newbreaks Farm
Mawgre Farm
High Fields
Highfields Farm
Pasture Farm
Sand Hill
Sand House Farm
Home Farm
Boltgate
Station House
Mill House
Brecks Gate
White House Farm
Elm Tree Farm
Eastoft Hall
Eastholme
Cherrytree Farm
Bridge House
Eastoft Grange
Rose Cottage Farm
Carr House
Pademoor
Learn Farm
Pasture Farm
Bracken Hill
Stonecross Closes
Boynton Closes
Sykes Plantation
Stripe Close Plantation
West Field
East Field
Great Woods
Bully Field
Mill Close
Nursery Plumpton
Ppg Sta
Low West Moor Field
Low East Moor Field
High West Moor Field
High East Moor Field
Marshland
Eastoft Moor
Eastoft Carr
Whitgift Moor
Haldenby Moor
Fockerby Moor
Adlingfleet Moor
Ousefleet Moor
Eastoft Moor
Haldenby Park
Haldenby Lodge
Haldenby Grange
Fockerby Common
Haldenby Common
Adlingfleet Common
Eastoft Moor Drain
Causeway Farm Drain
Railway Drain
Dodd's Dyke
Haldenby Drain
Old River Don (course of)
Old River Don
Eastoft Main Parish Drain
Luddington Carr Ings Drain
Tom Dyke
Washingwell Lane
Milking Lane Drain
Crowcroft Drain
Constable Drain
Common Carr Drain
Eastoft Drain
Boltgate Dyke
Lister Dyke
Eastoft Moor Drain
Field Lane
Cow Lane
Ness Lane
Mercyke Rd
Garthorpe Road
Old River Don Low
Adlingfleet Drain
Redness Drain
Black Dike
Eastoft Drain
Fockerby Drain
Bentley Drain
Purgatory
Ruddings
Brecks
Pasture Lane
Warplands Farm
Manor House
Medieval Village of Walerton (site of)
Mineral Railway
Haldenby Ness
Great Woods
Eastoft
Eastoft Carr
Fockerby
Garthorpe
Luddington
Haldenby
Fockerby
Adlingfleet
Ousefleet
Eastoft
Whitgift
Haldenby
Luddington
Eastoft
Fockerby
Adlingfleet
Ousefleet



Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line
- 400 kV

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

Water Environment Feature
- Canal
- Ordinary Watercourse
- Main River
- Tidal Reach of River Trent
- Flood Defence
- Upper Humber Def 2016 Tidal 200 Year
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change
- River Torne - Defended Fluvial Flood Extent 100 Year Plus Climate Change

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

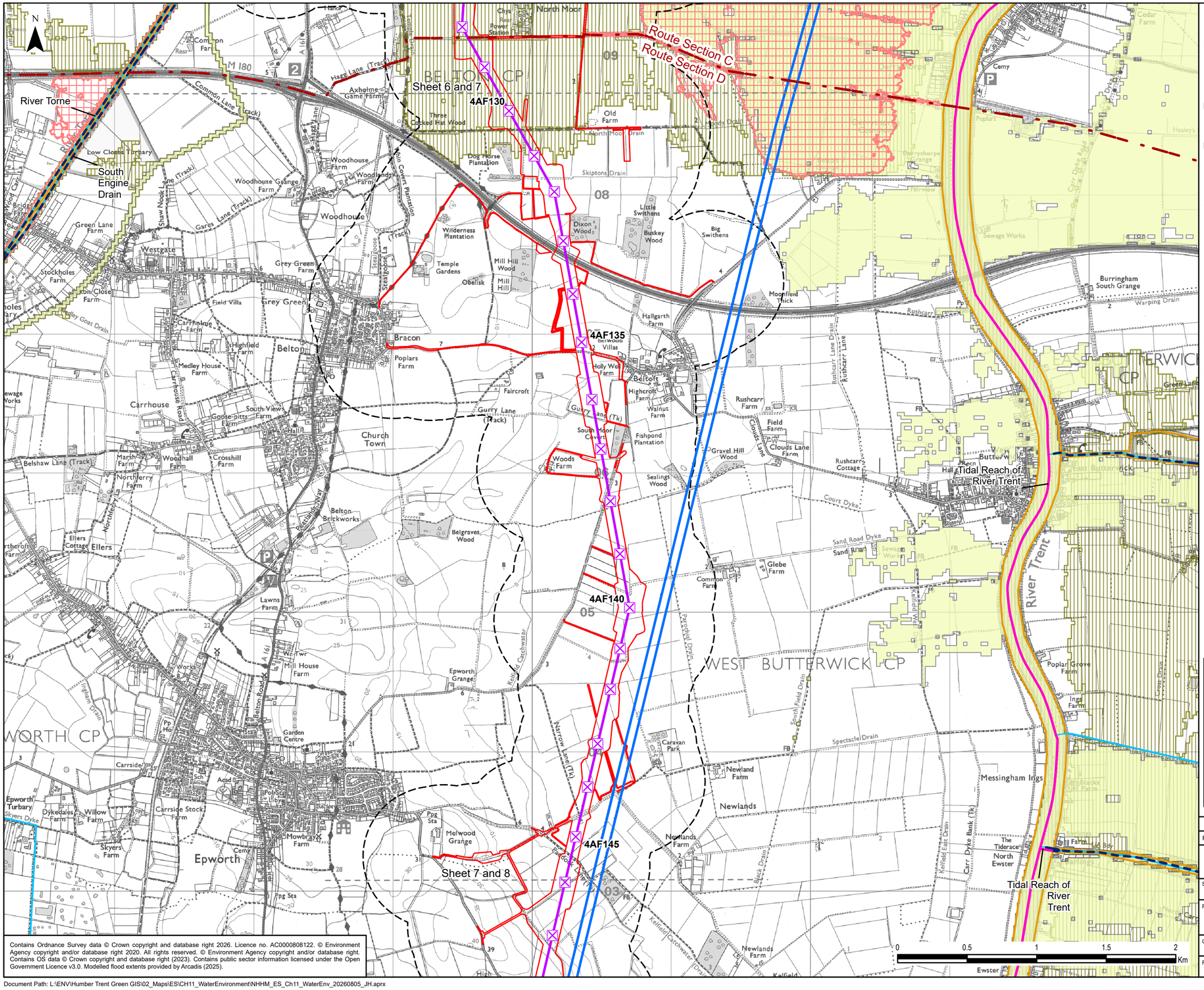
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	6 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

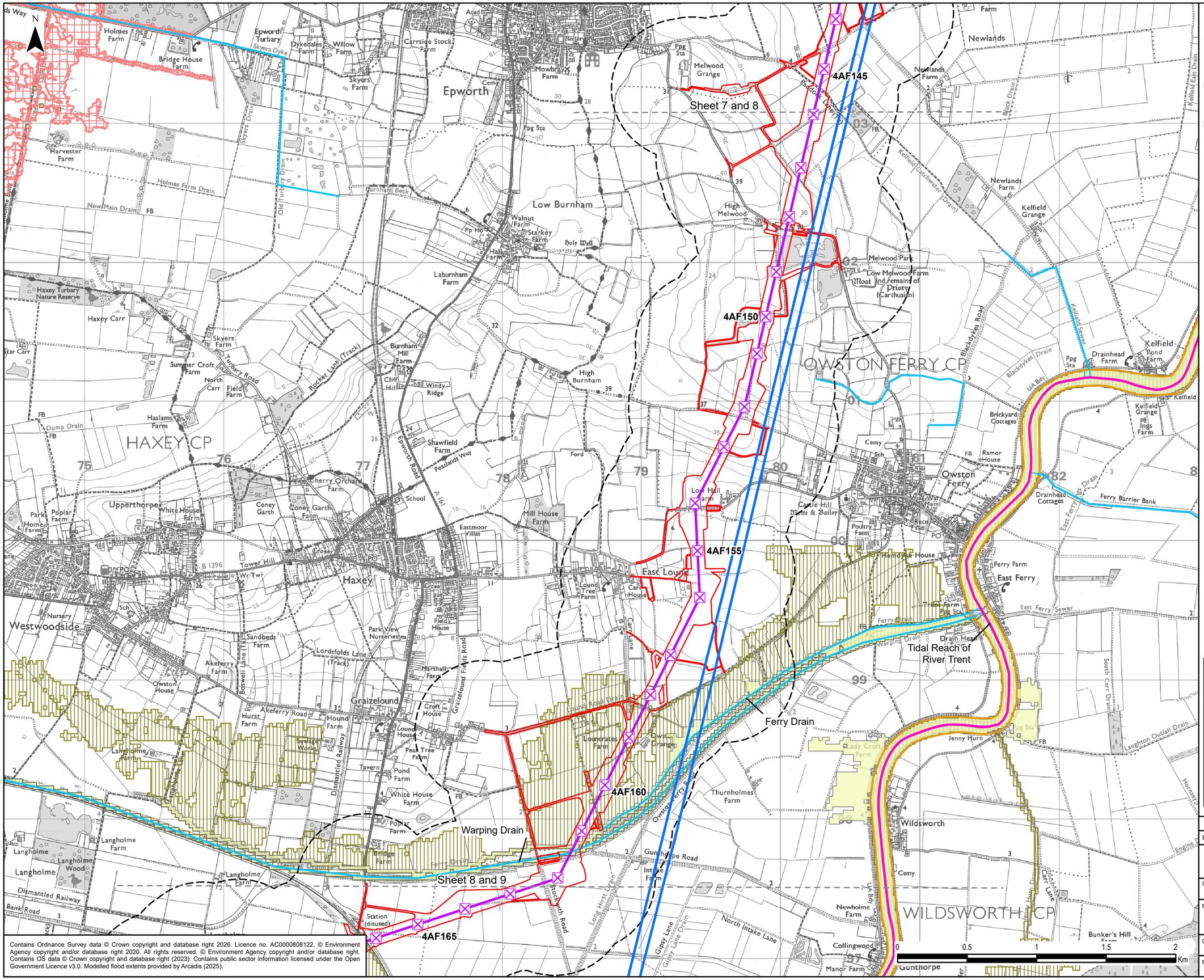
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	7 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



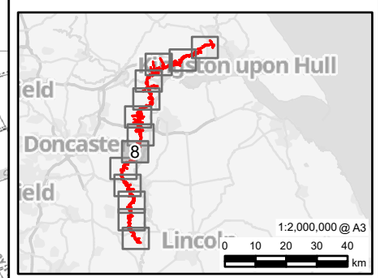
Legend

- 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
- Ordinary Watercourse
- Tidal Reach of River Trent
- Flood Defence
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change
- River Torne - Defended Fluvial Flood Extent 100 Year Plus Climate Change



Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

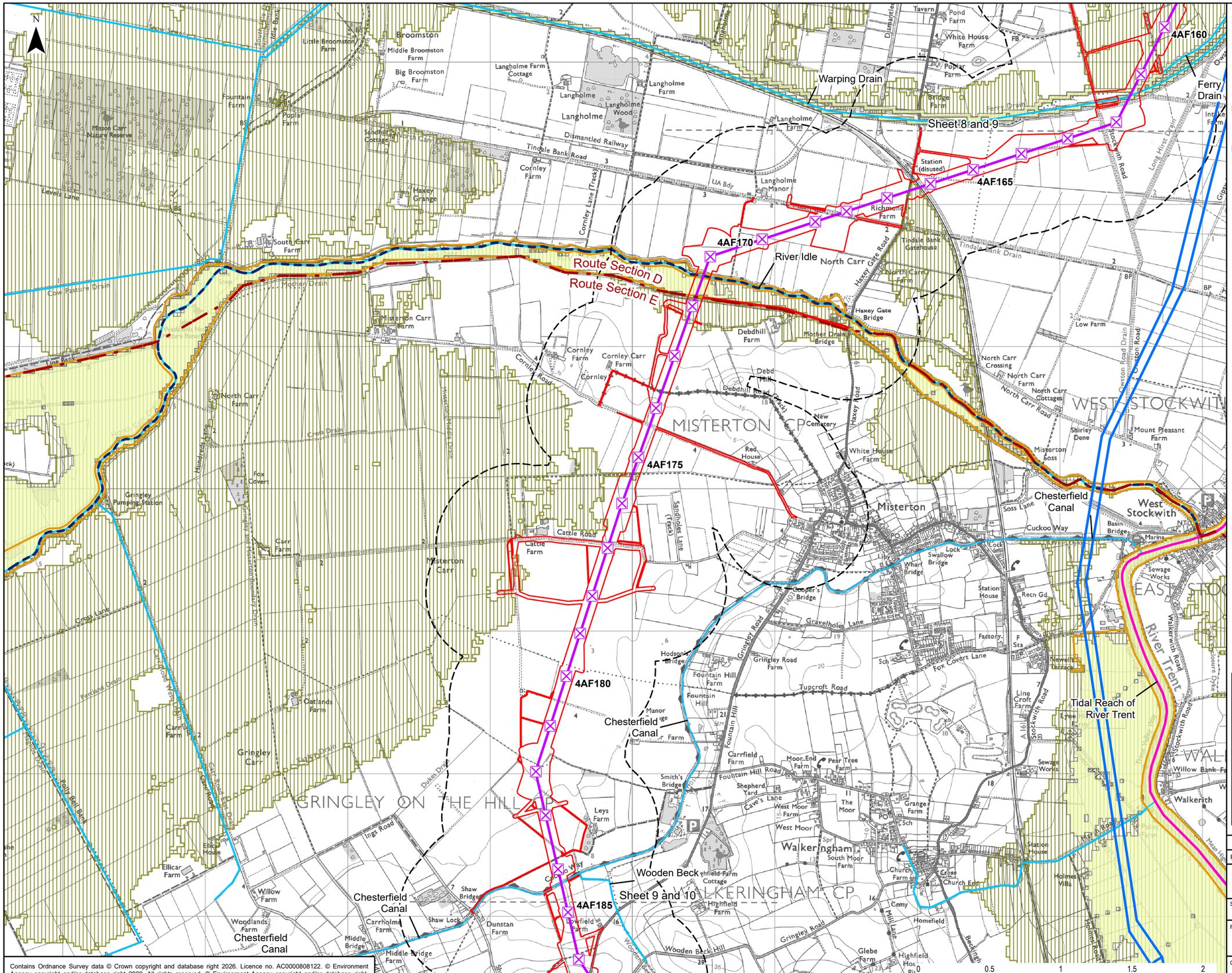
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	8 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

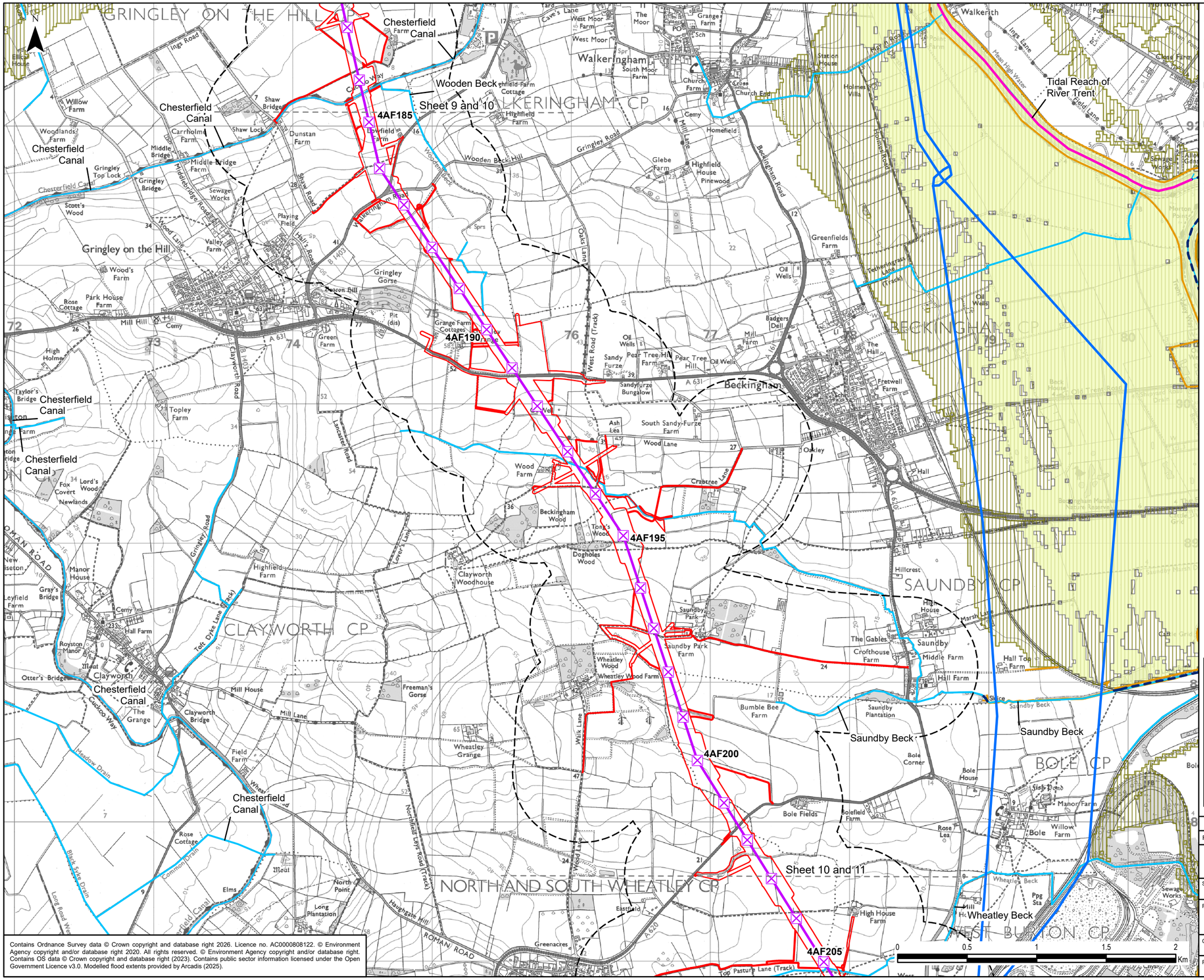
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	9 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

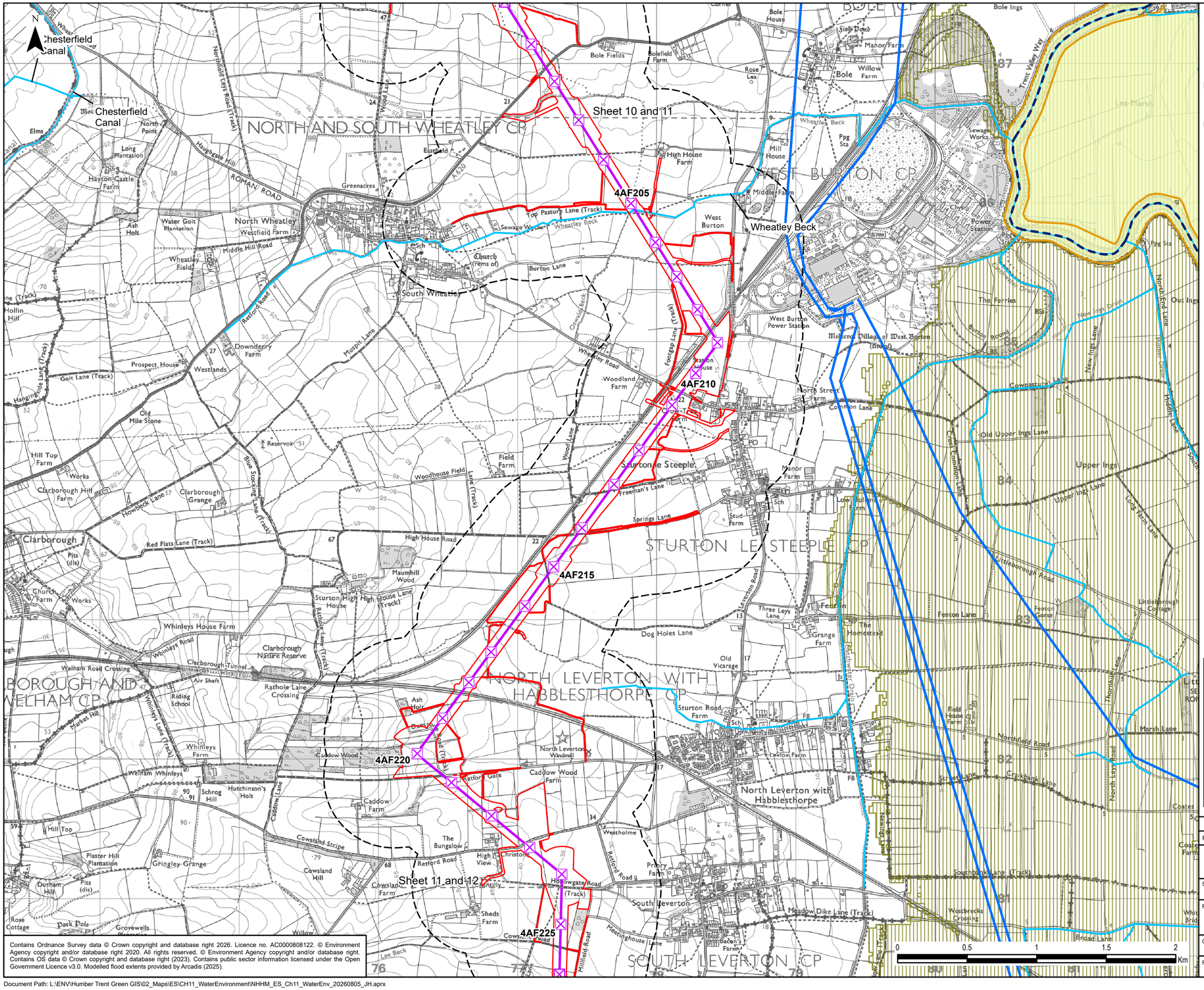
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	10 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



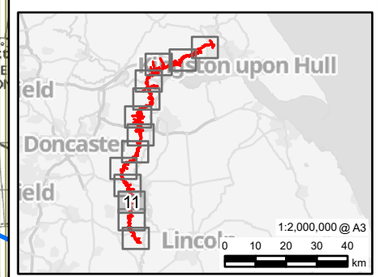
Legend

- 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
- Canal
- Ordinary Watercourse
- Main River
- Flood Defence
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

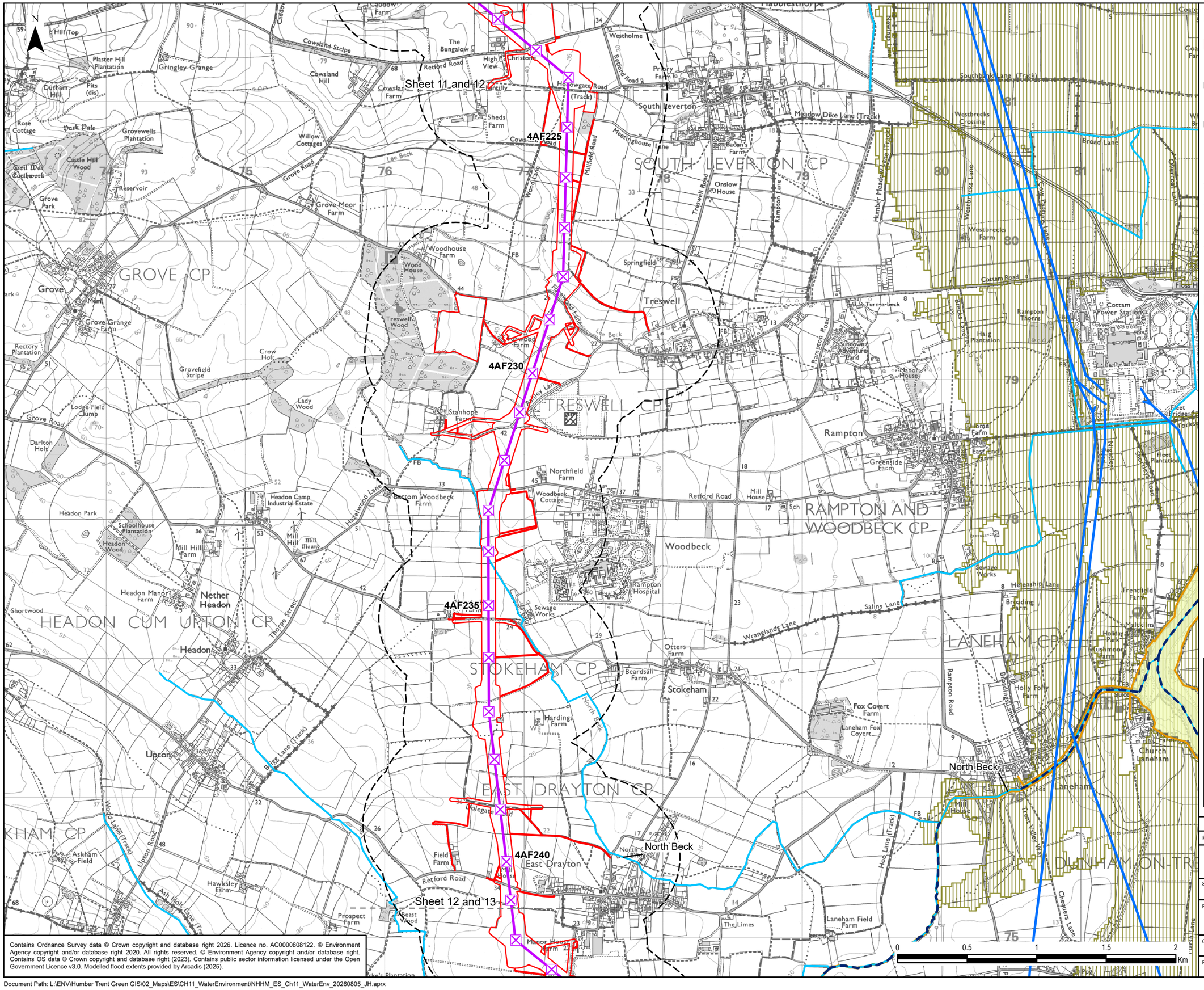
Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	11 OF 13	0

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



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
- Ordinary Watercourse
- Main River
- Flood Defence
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change

Contains Ordnance Survey data © Crown copyright and database right 2026. Licence no. AC0000808122. © Environment Agency copyright and/or database right 2020. All rights reserved. © Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023). Contains public sector information licensed under the Open Government Licence v3.0. Modelled flood extents provided by Arcadis (2025).

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

nationalgrid

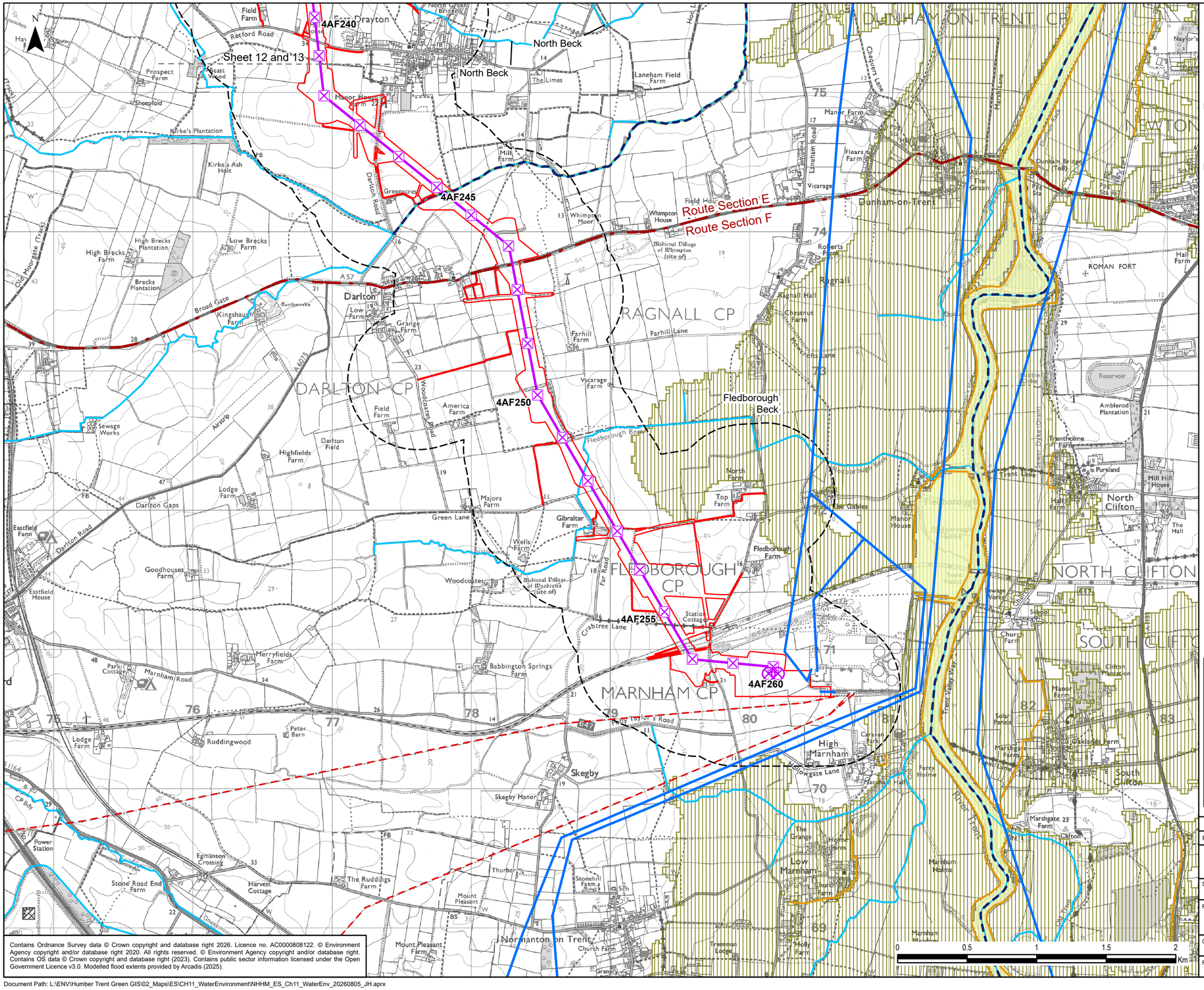
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	12 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx



Legend

- Order Limits
- 500 m Study Area
- Route Section

Existing Overhead Line

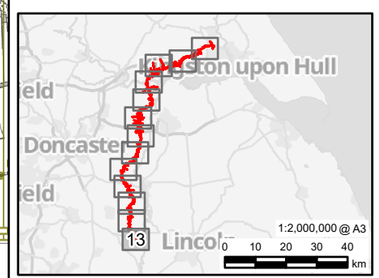
- 275 kV
- 400 kV

Project Design Details

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

Water Environment Feature

- Ordinary Watercourse
- Main River
- Flood Defence
- Tidal Trent - Defended Tidal Flood Extent 200 Year Plus Climate Change
- Tidal Trent - Defended Fluvial Flood Extent 100 Year Plus Climate Change



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

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 11.3 - FLOOD RISK AREAS - RIVERS AND THE SEA

Creator:	Date:	Checker:	Date:	Approver:	Date:
AMS	14/10/2026	JG	14/10/2026	LD	14/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
11.3	1:25,000	A3	13 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH11_WaterEnvironment\NHHM_ES_Ch11_WaterEnv_20260805_JH.aprx