

Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 2 New Grimsby West Substation to New Lincolnshire
Connection Substation A

Chapter 6 Water Environment and Flood Risk

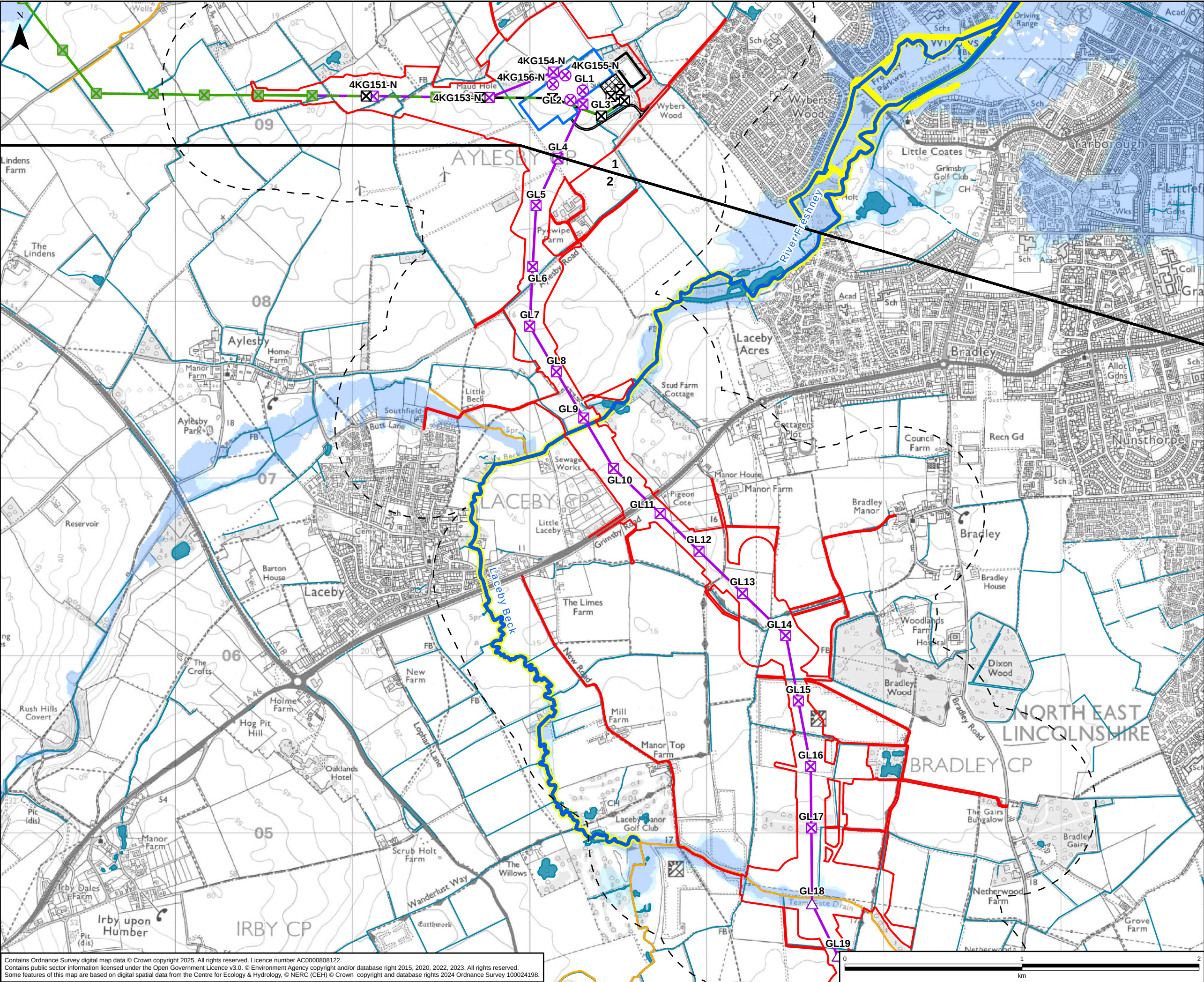
Figures

June 2025



Volume 2 Part B Section 3 Chapter 6 – Figure List

Figure number	Figure title
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Figure 6.2	Principal Local Water Environment Regulators
Figure 6.3	Surface Water Flood Risk
Figure 6.4	Water Framework Directive Surface Water Body Status



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Low Height Lattice Pylon
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Existing Substation to be Demolished
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Environment Agency Main River
- IDB Maintained Watercourse
- Ordinary Watercourse / Standing Water Body
- Spatial Flood Defence
- Flood Zone 2
- Flood Zone 3

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Purpose:

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Scheme:

GRIMSBY TO WALPOLE

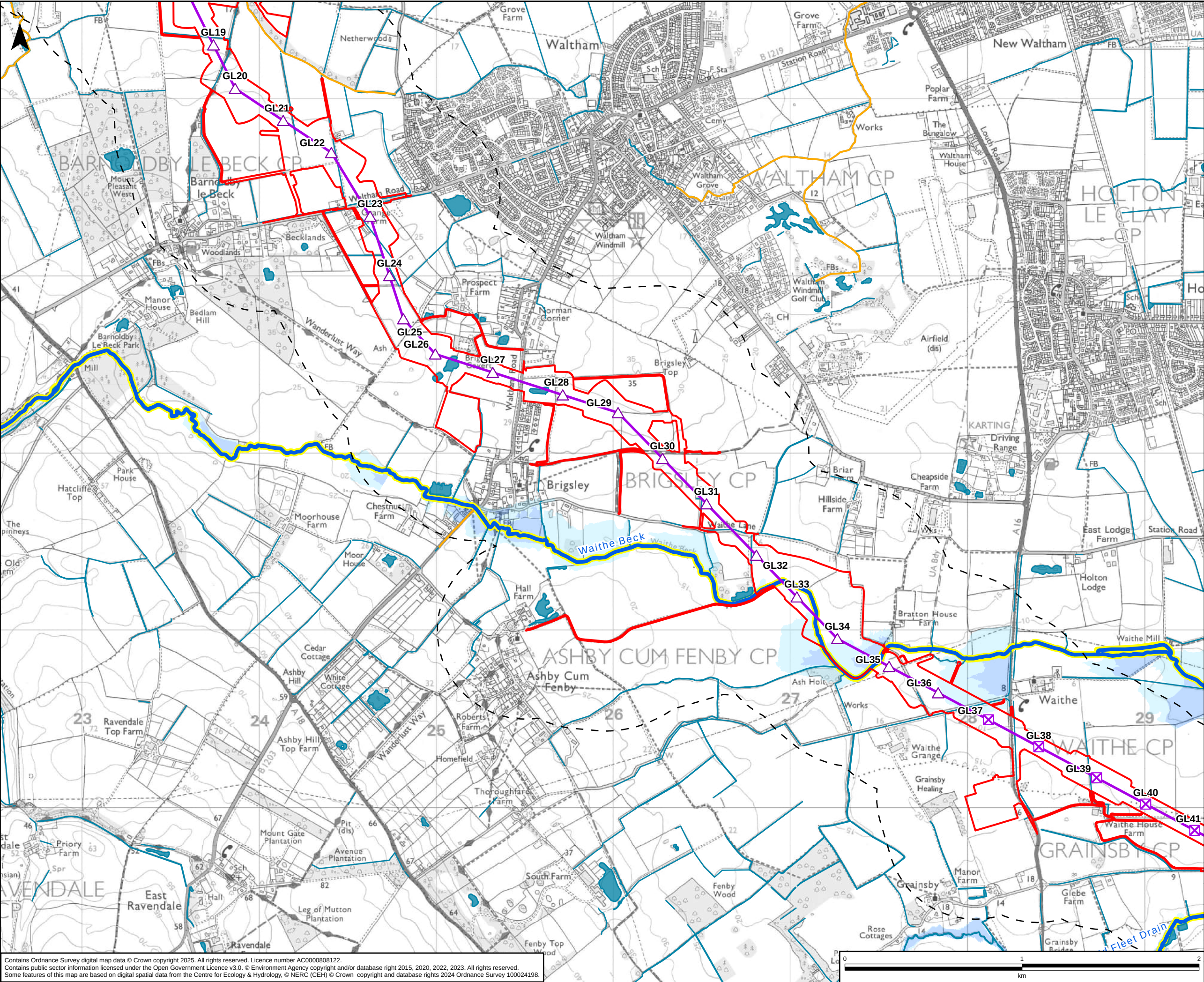
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FIGURE 6.1
WATER ENVIRONMENT RECEPTORS AND STUDY AREA

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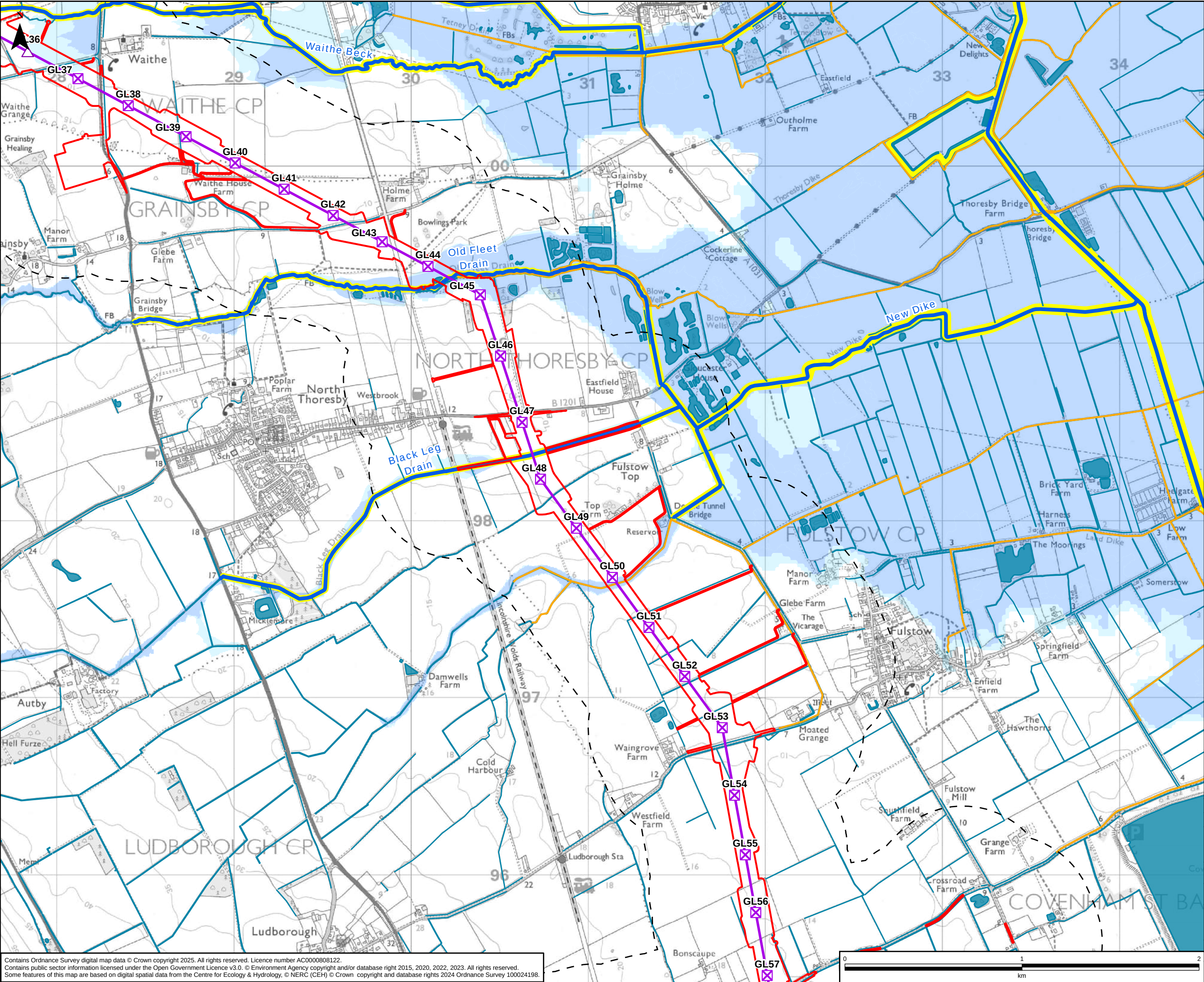
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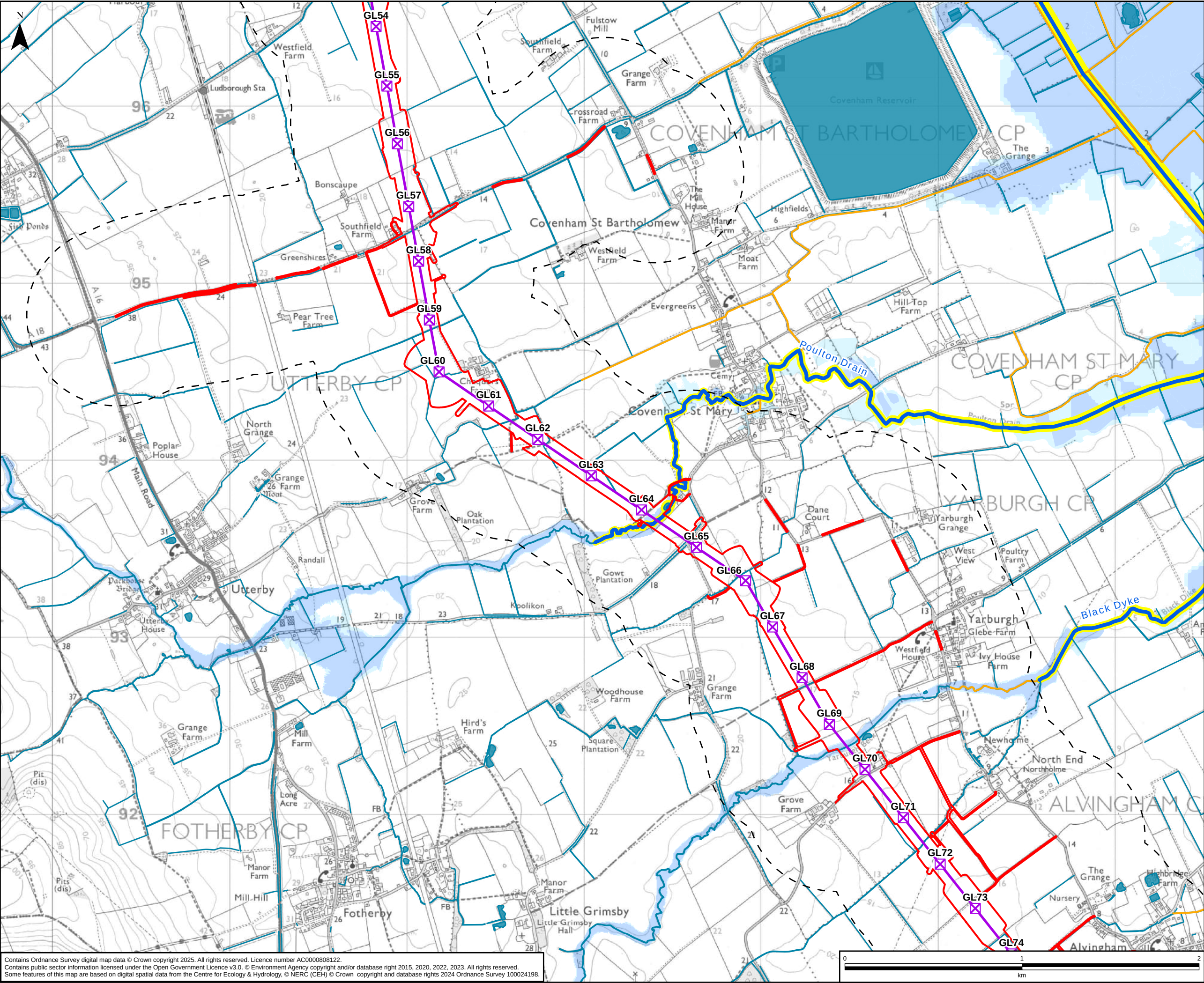
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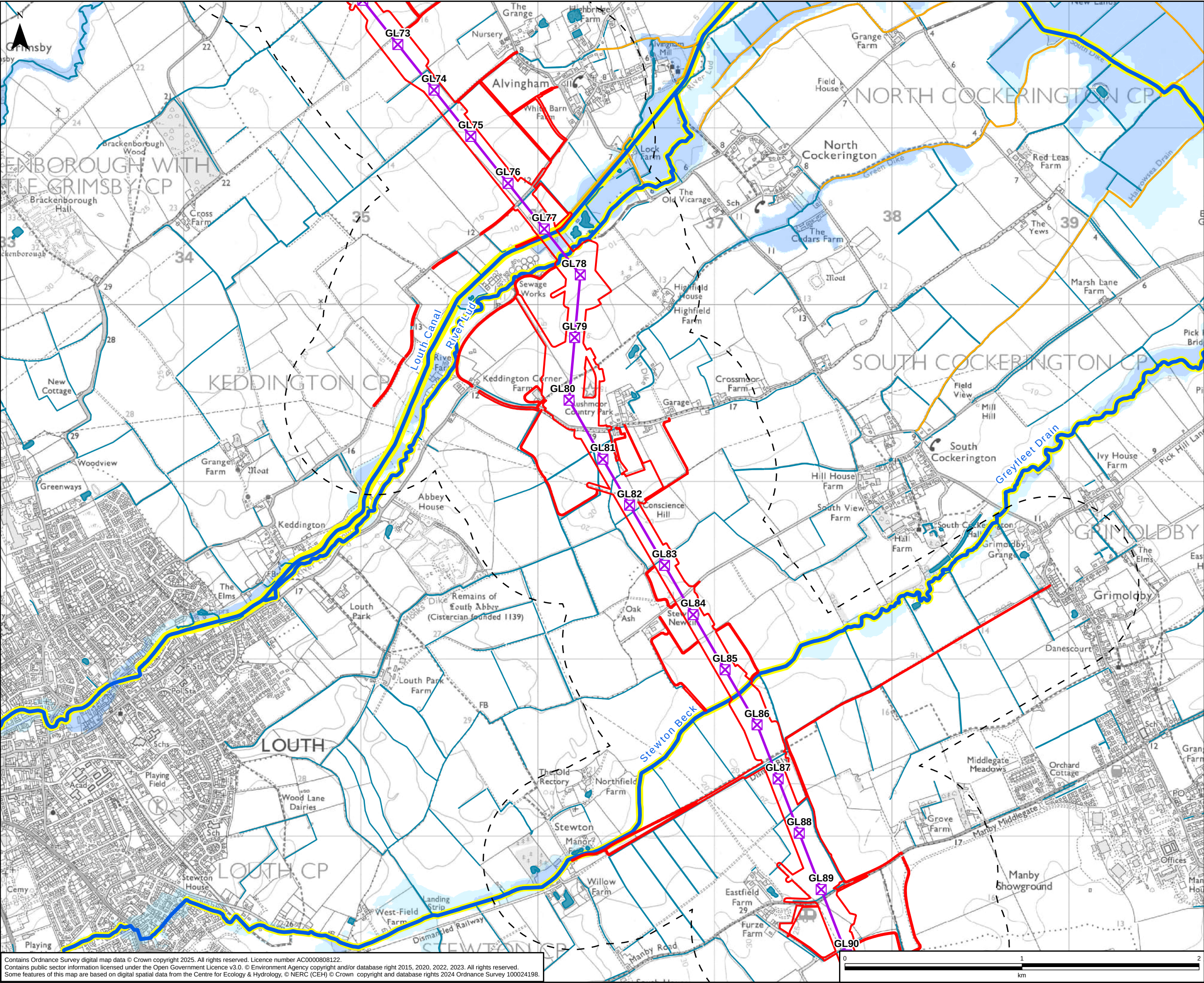
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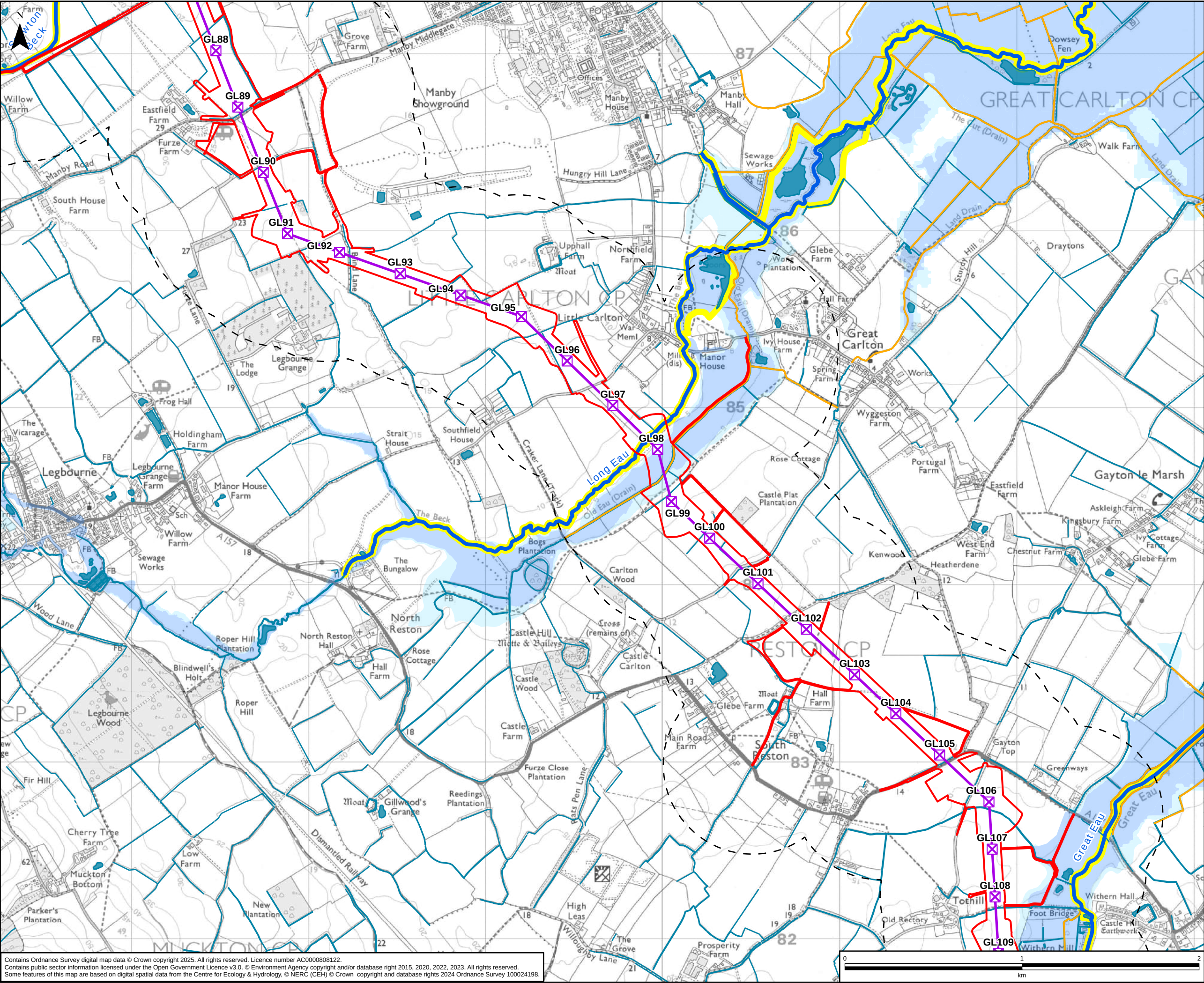
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

500m Study Area

Indicative New Lattice Pylon

Indicative New Overhead Line

Environment Agency Main River

IDB Maintained Watercourse

Ordinary Watercourse / Standing Water Body

Spatial Flood Defence

Flood Zone 2

Flood Zone 3

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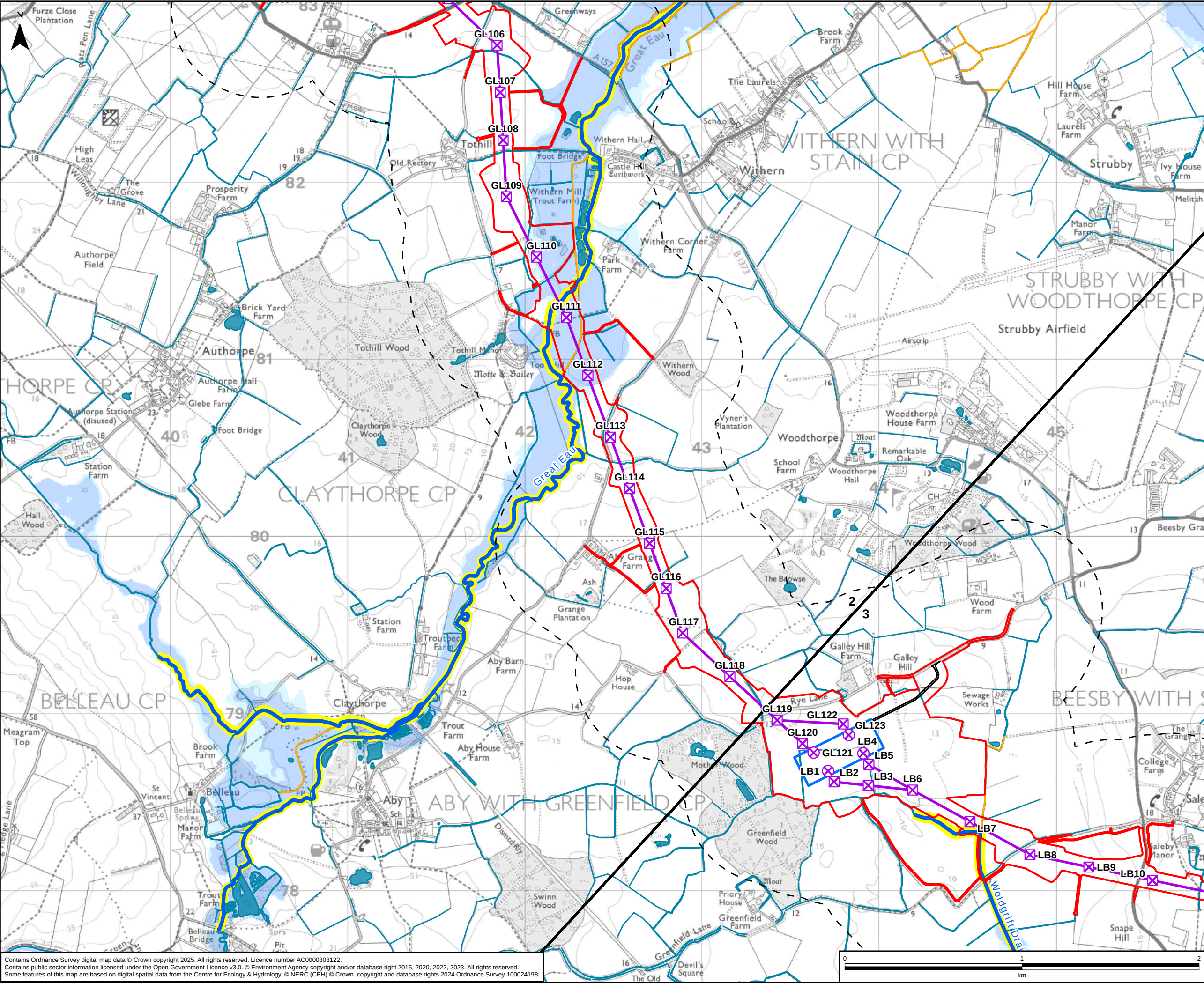
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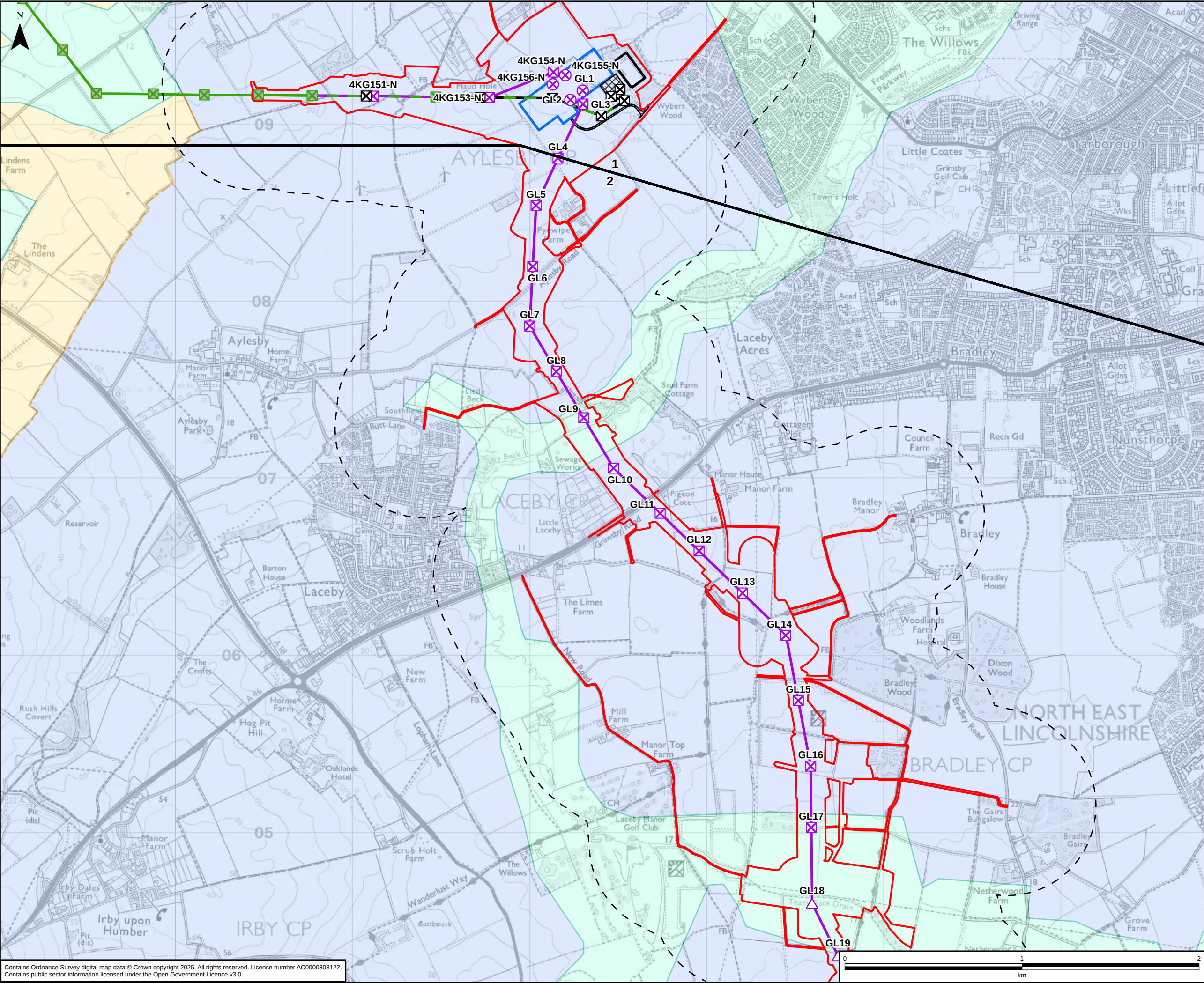
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

500m Study Area

Indicative New Lattice Pylon

Indicative New Gantry

Existing Lattice Pylon - Not Affected

Existing Lattice Pylon - To Be Dismantled

Indicative New Low Height Lattice Pylon

Indicative New Overhead Line

Existing Overhead Line - Not Affected

Existing Overhead Line - To Be Dismantled

Existing Overhead Line - To Be Modified

Existing Substation Boundary

Existing Substation to be Demolished

Indicative New Substation Boundary

Indicative Permanent Substation Access Route

North East Lindsey Internal Drainage Board Boundary

North East Lincolnshire Council LLFA

Lincolnshire County Council LLFA (within the extents of West Lindsey District Council)

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FIGURE 6.2
PRINCIPAL LOCAL WATER ENVIRONMENT REGULATORS

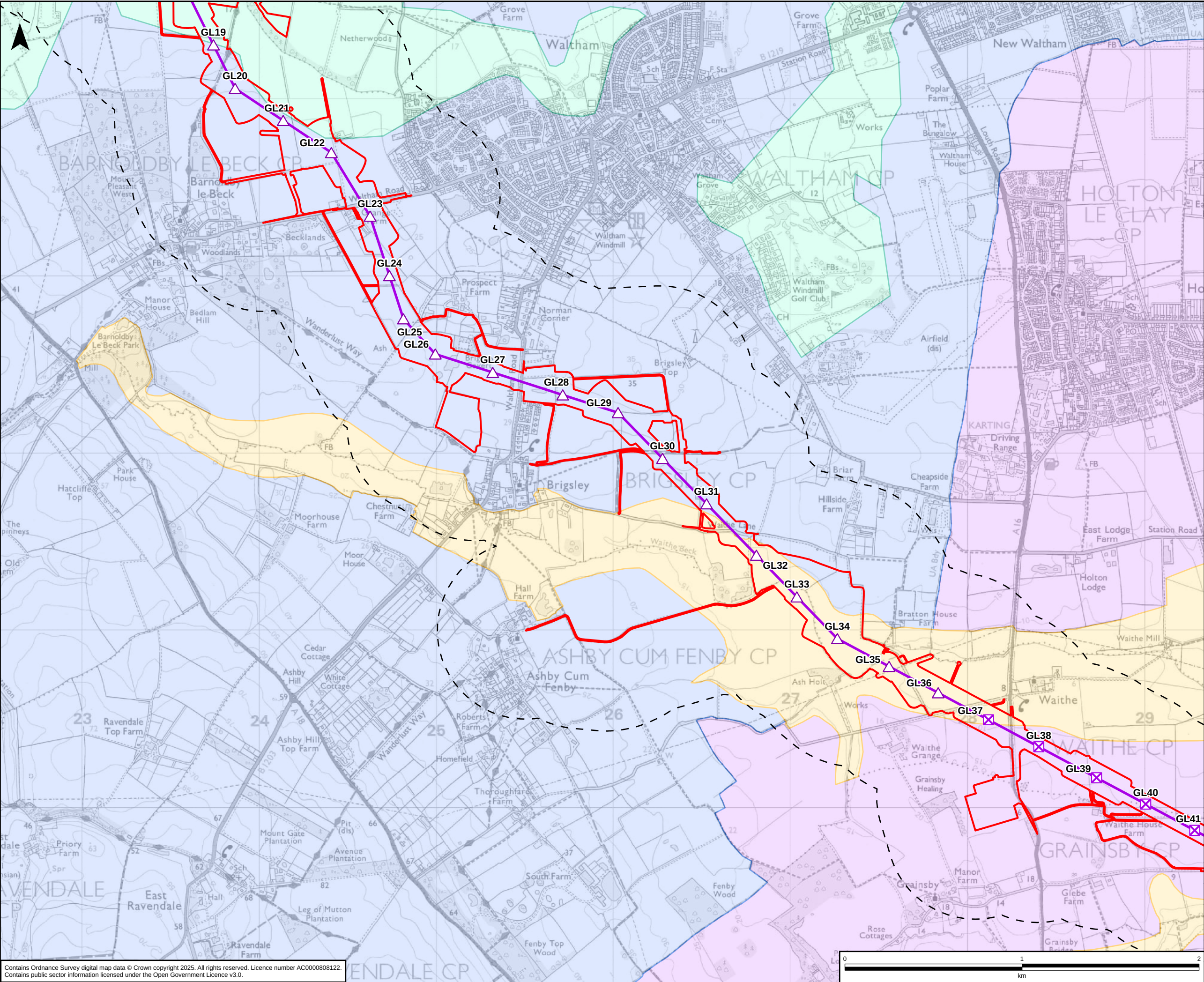
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
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- Indicative New Low Height Lattice Pylon
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- North East Lincolnshire Council LLFA

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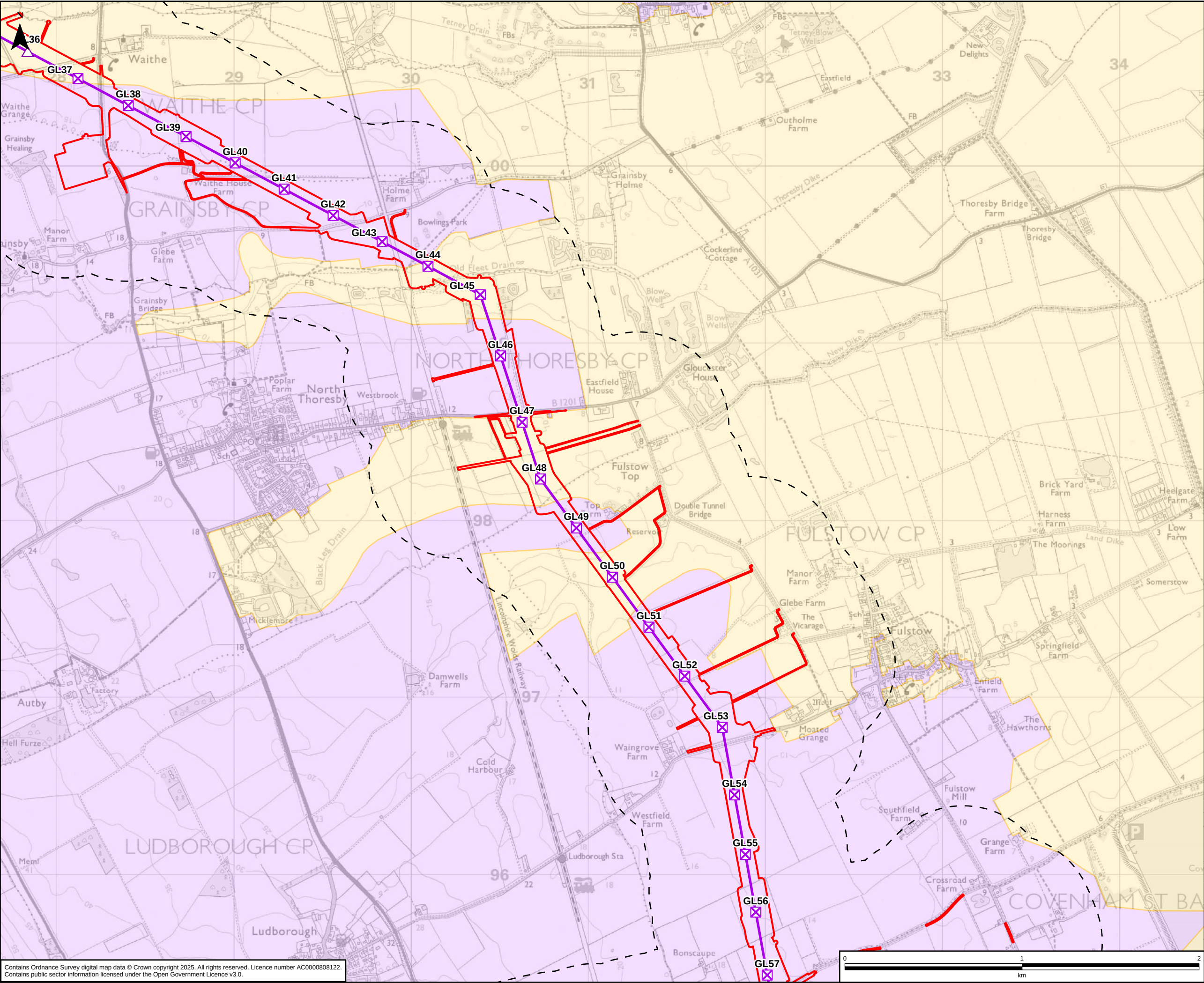
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GRIMSBY TO WALPOLE LEGEND

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- North East Lincolnshire Council LLFA

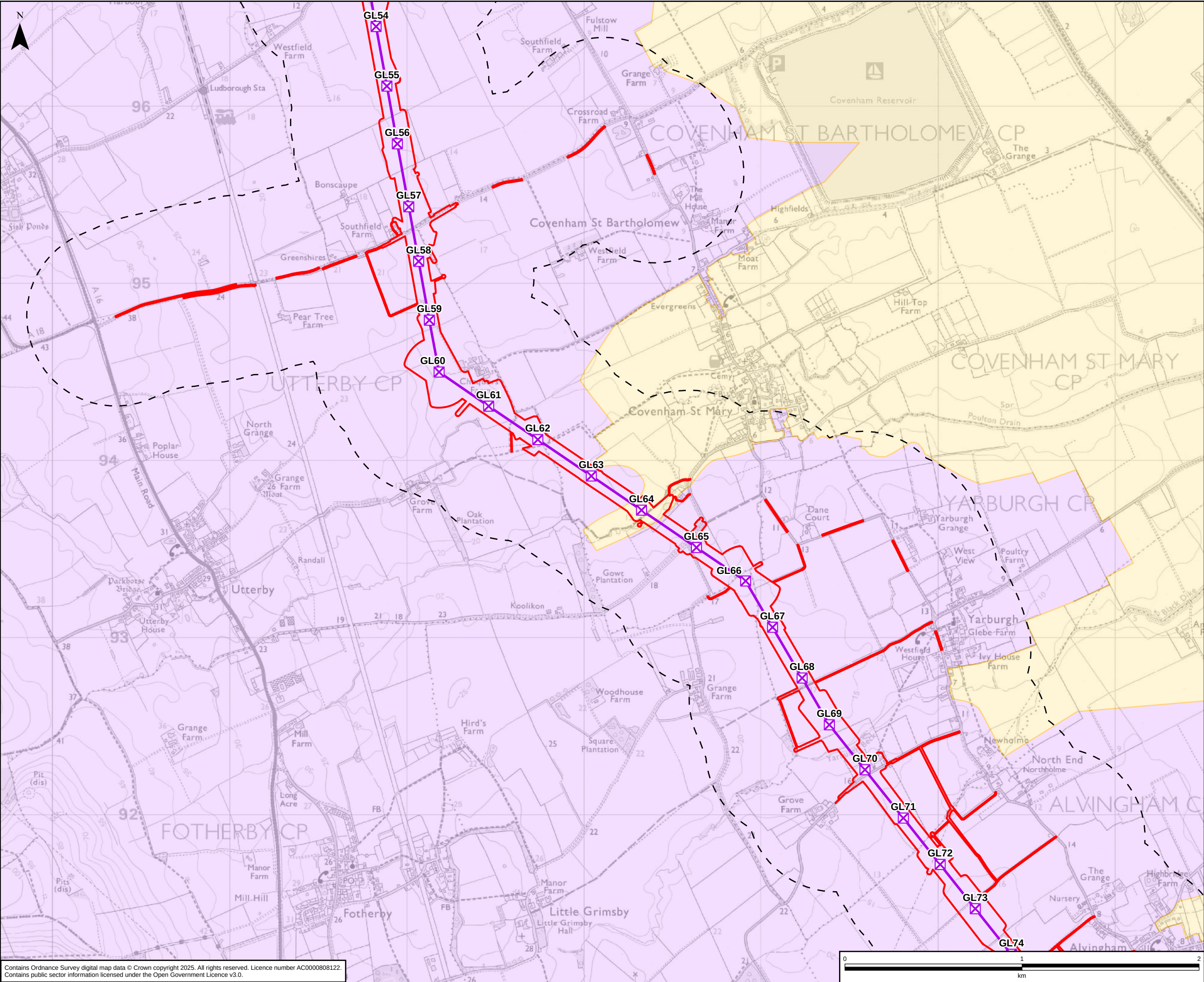
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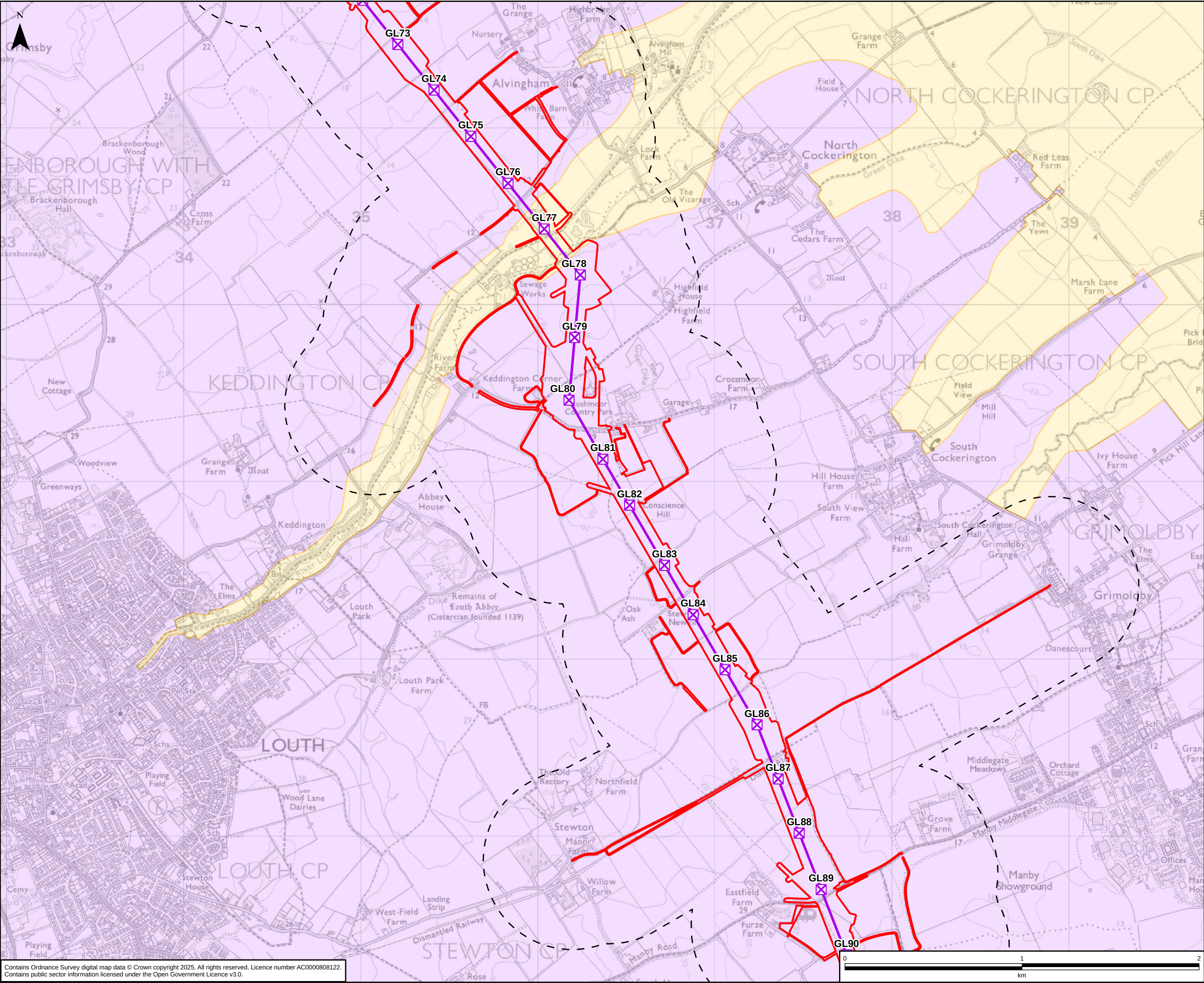
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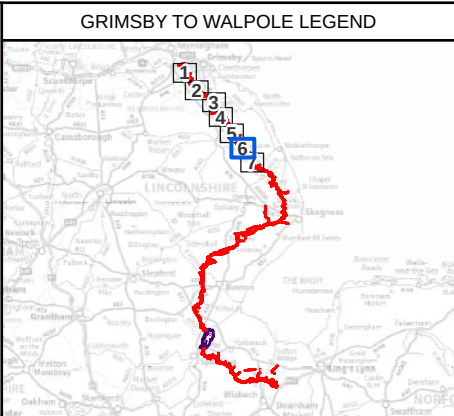
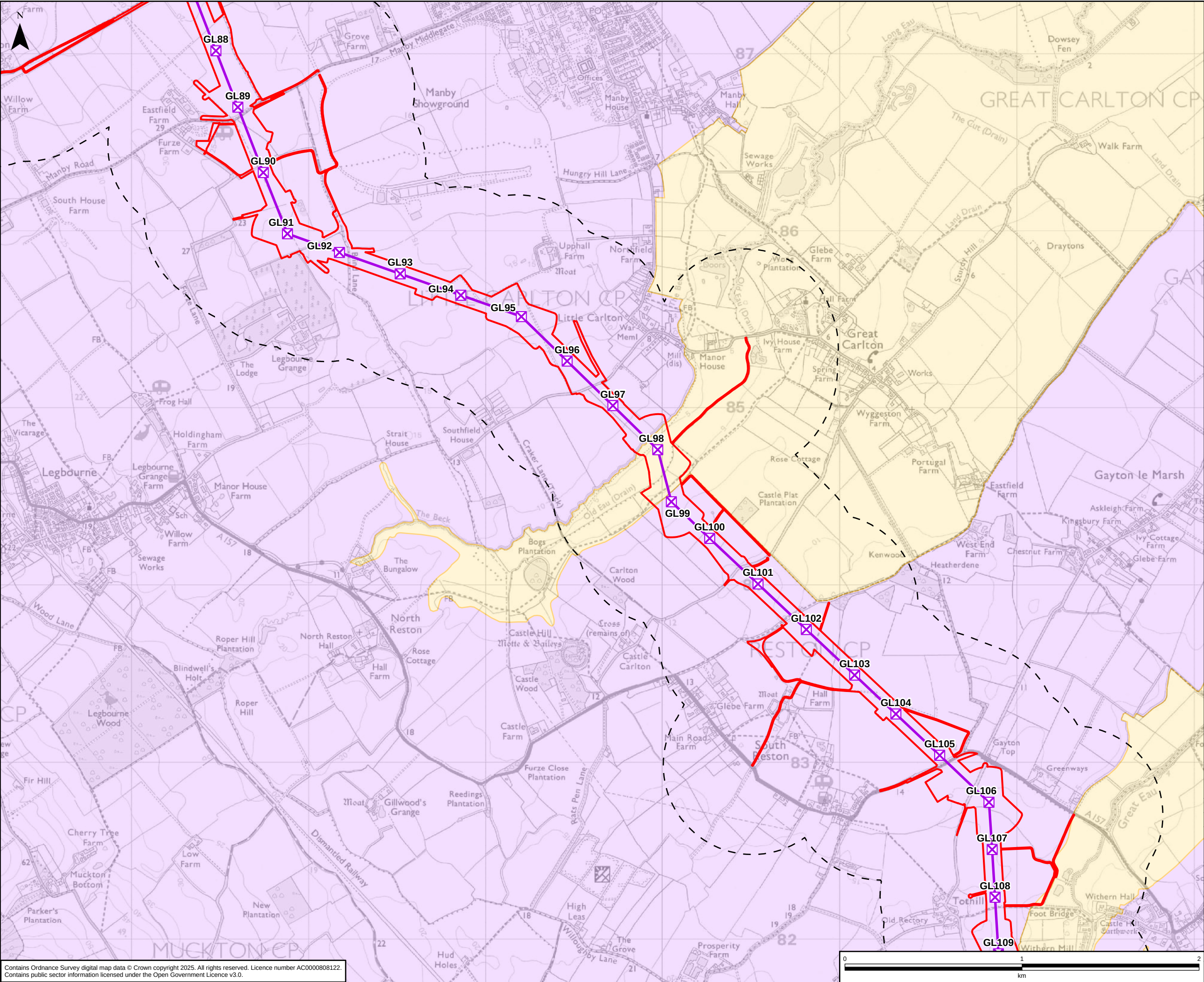
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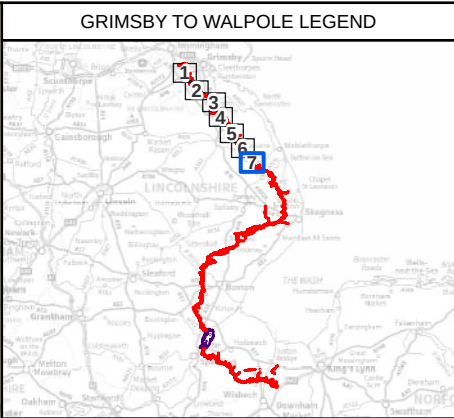
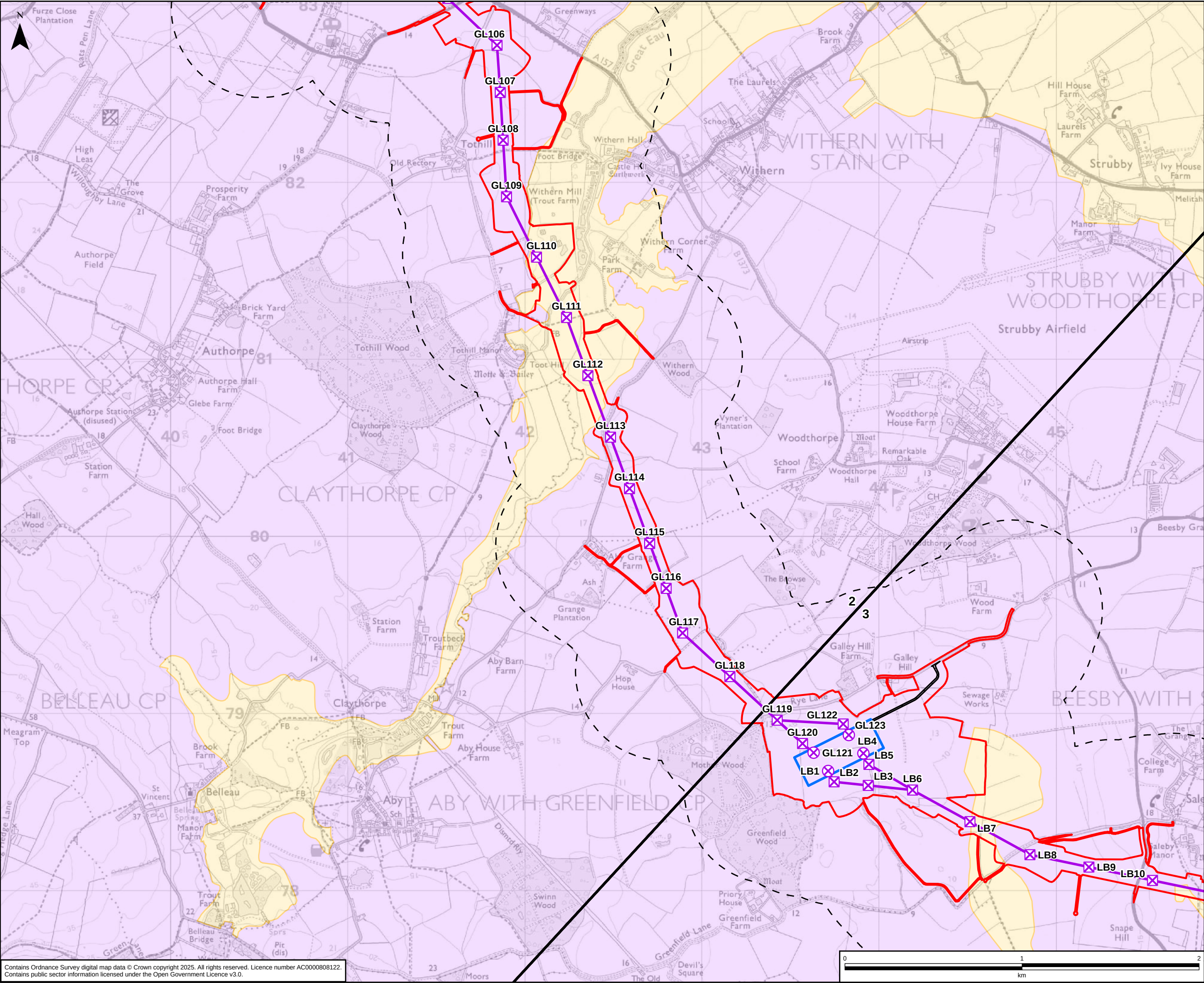
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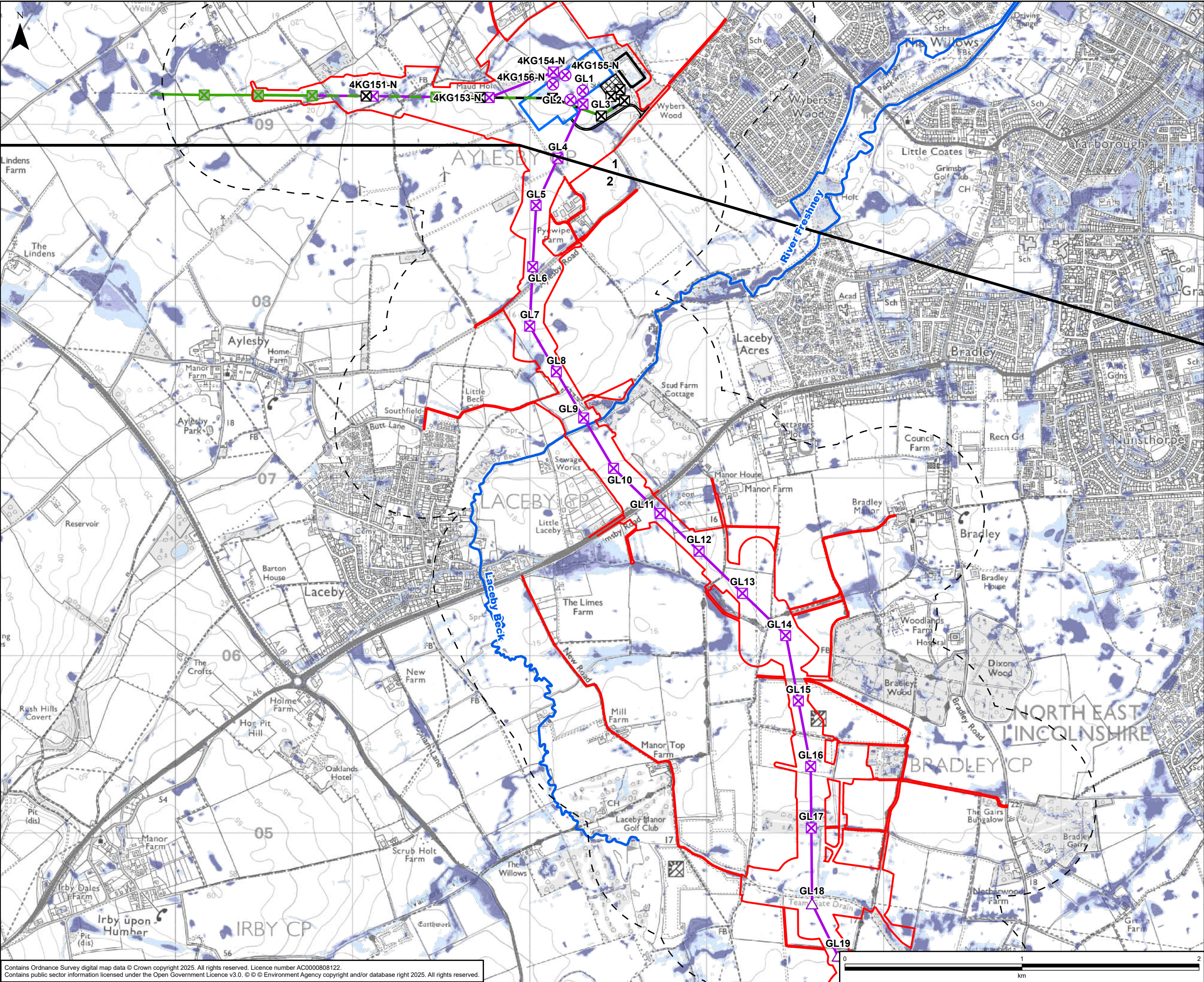
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Environment Agency Main River

Risk of Flooding from Surface Water

1 in 30 Flood Extent

1 in 100 Flood Extent

1 in 1000 Flood Extent

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FIGURE 6.3
SURFACE WATER FLOOD RISK

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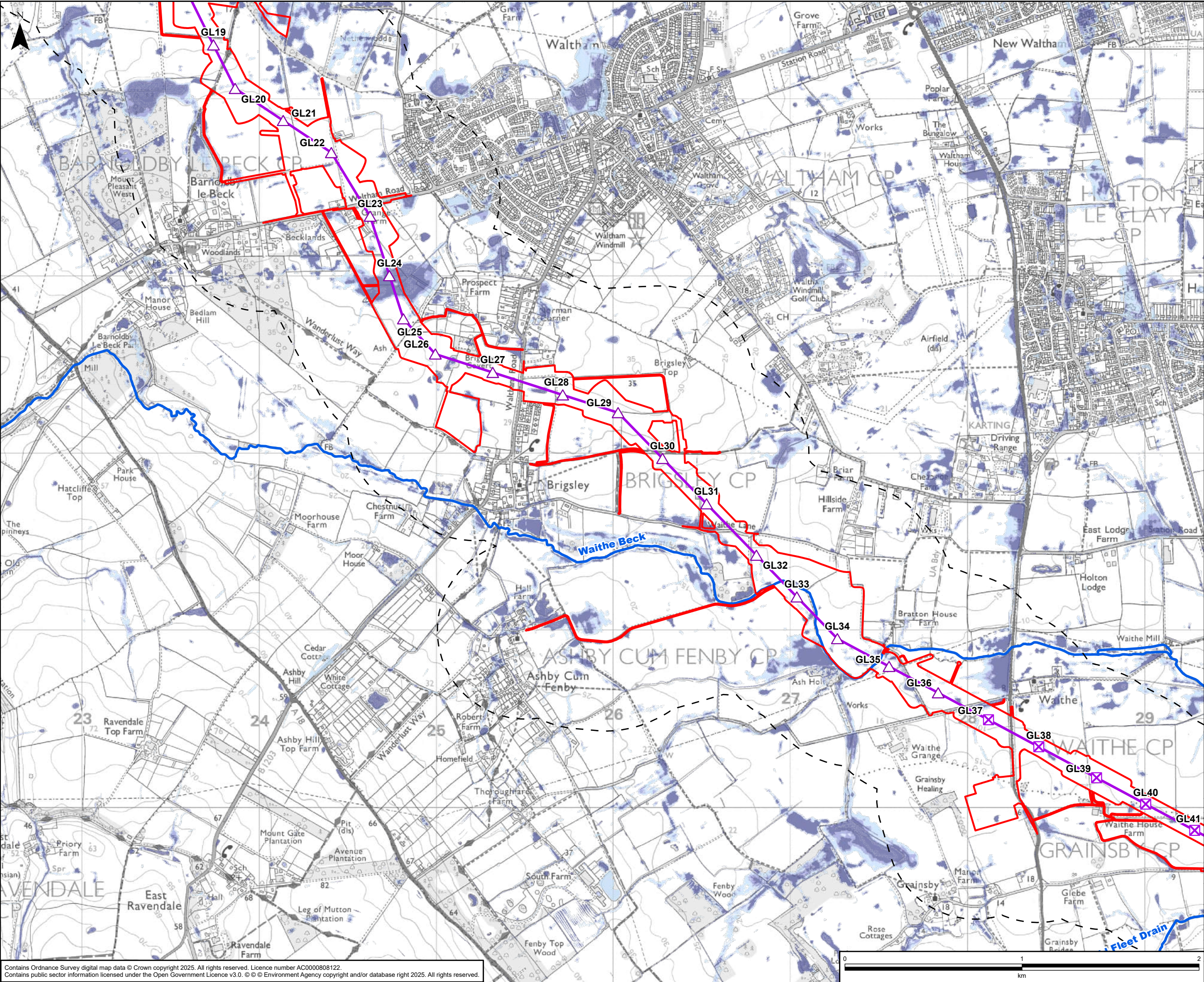
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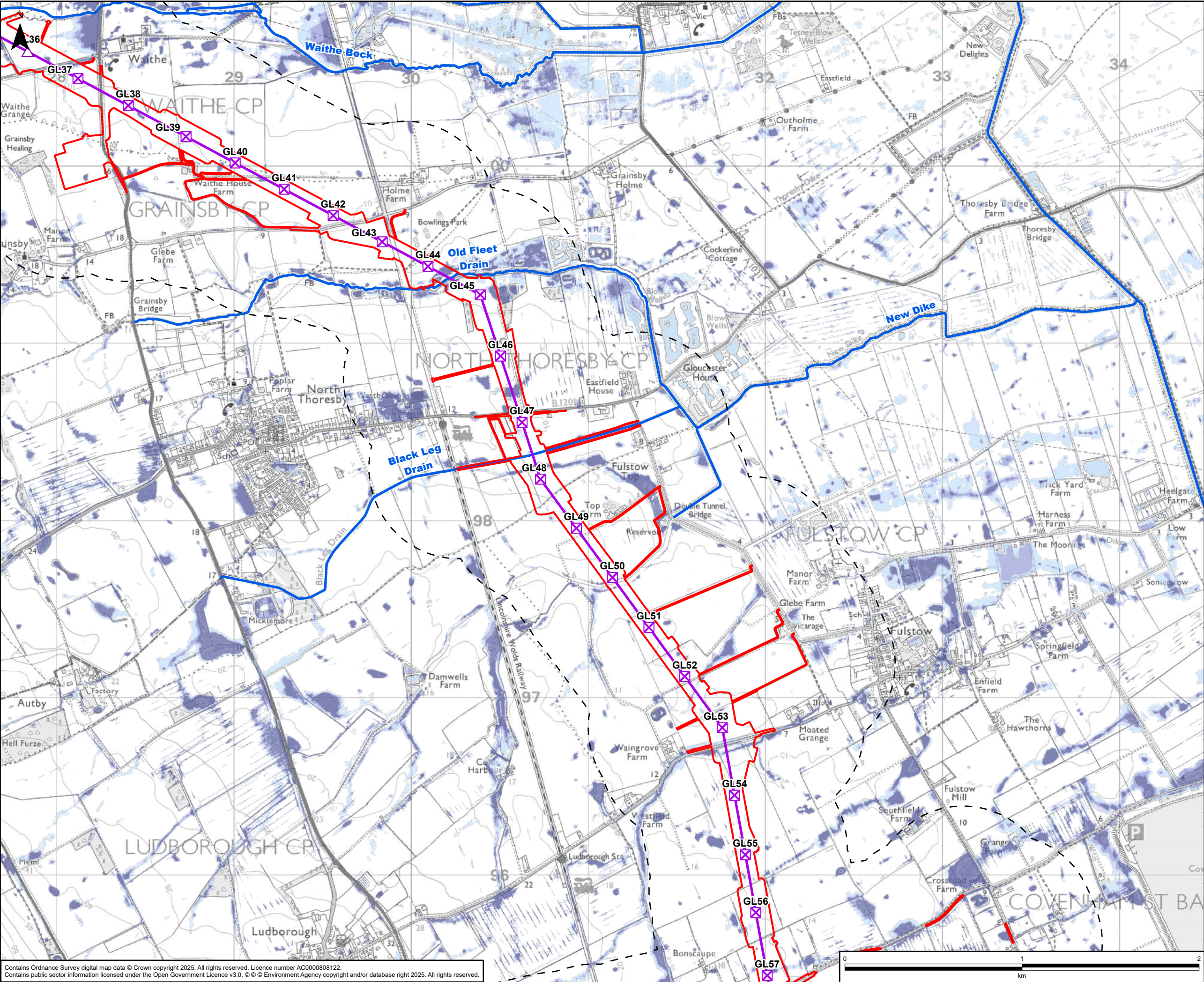
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SURFACE WATER FLOOD RISK

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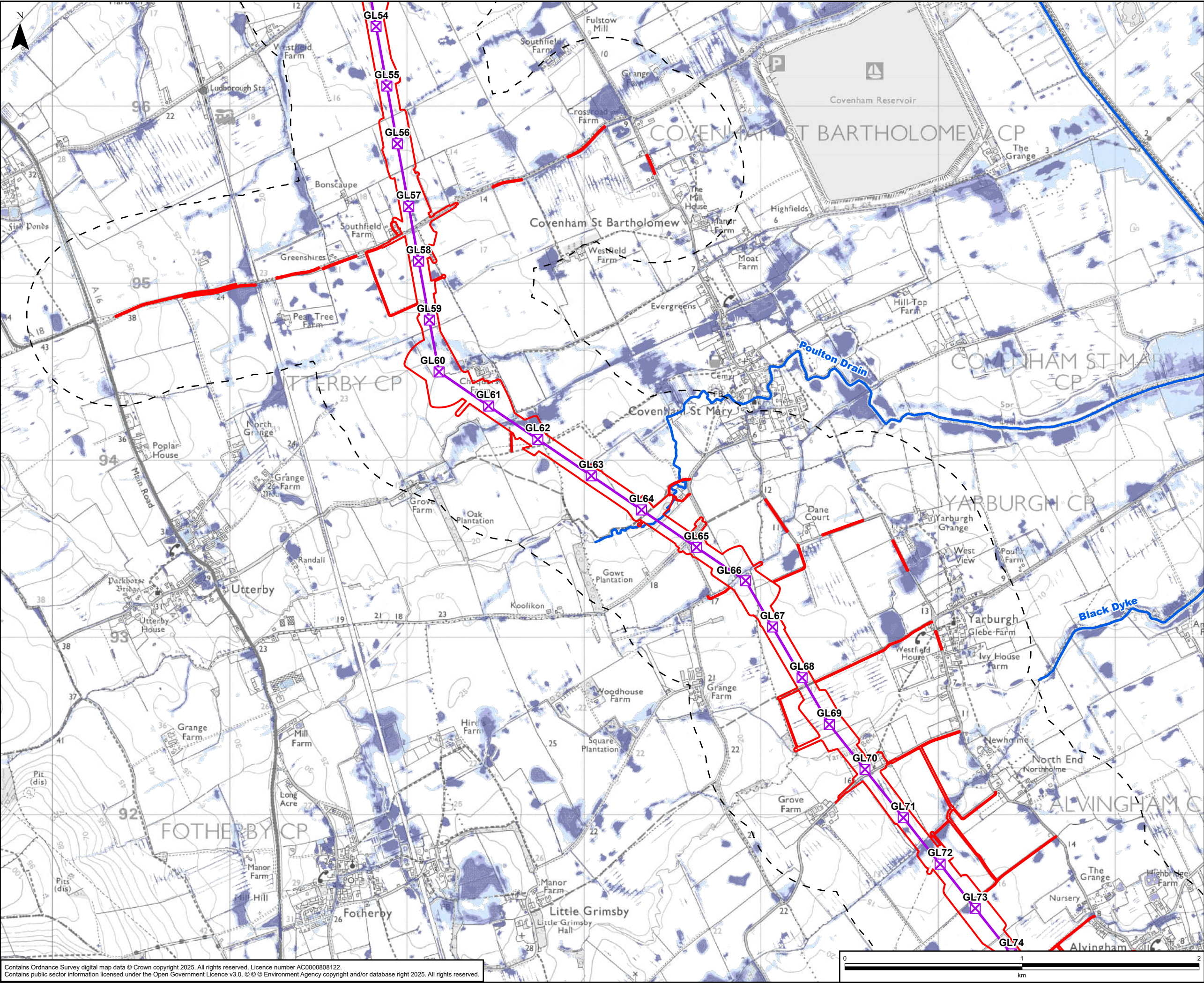
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

500m Study Area

Indicative New Lattice Pylon

Indicative New Overhead Line

Environment Agency Main River

Risk of Flooding from Surface Water

1 in 30 Flood Extent

1 in 100 Flood Extent

1 in 1000 Flood Extent

A	08/04/2025	First Issue	LC	SA	DR
Rev	Date	Description	GIS	Chk	App

Purpose:

PEI REPORT - SECTION 2

Scheme:

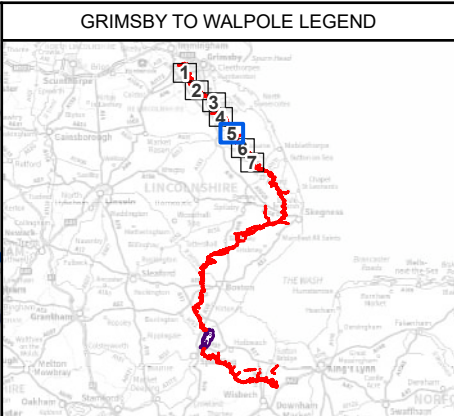
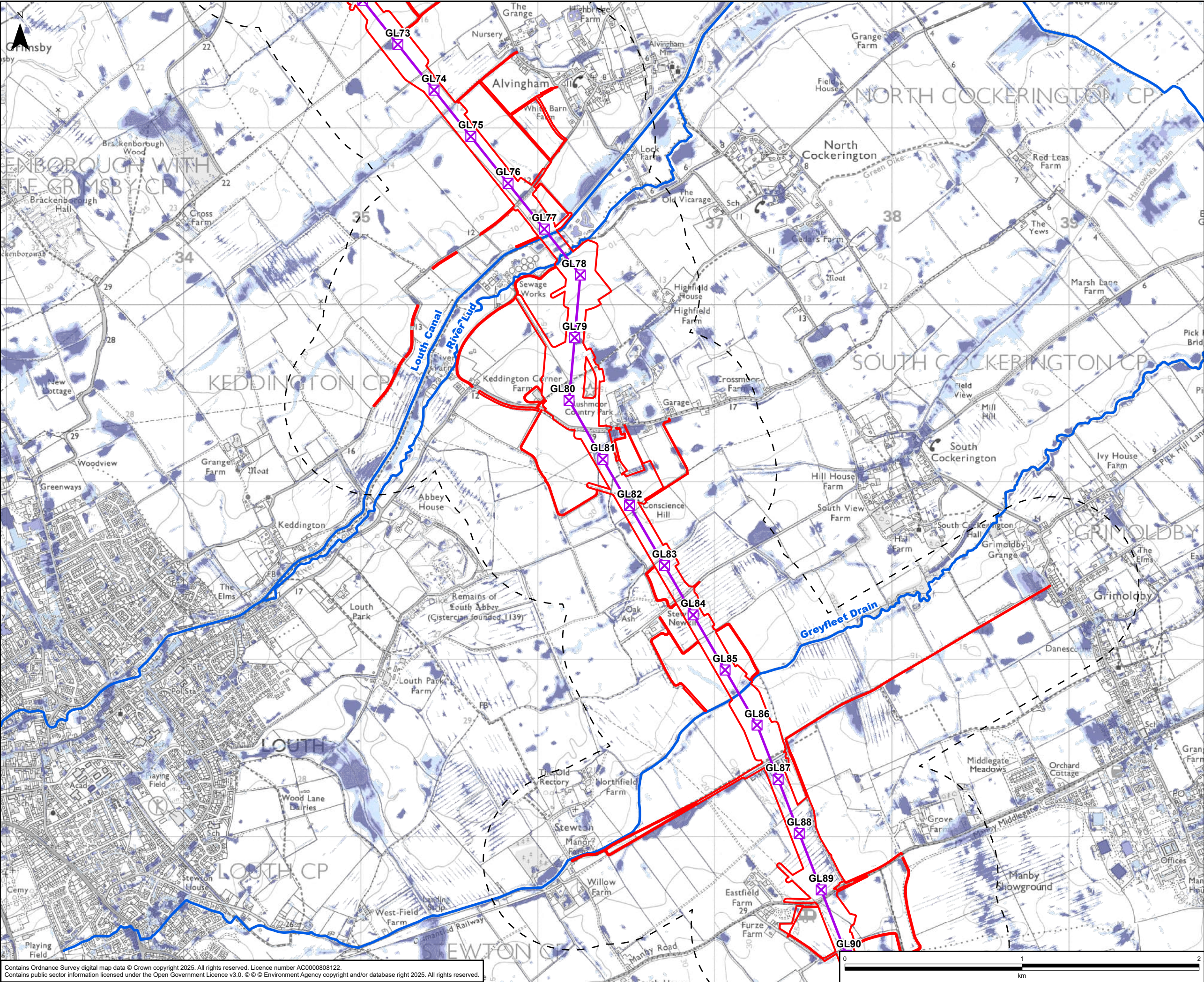
GRIMSBY TO WALPOLE

Document Title:

FIGURE 6.3
SURFACE WATER FLOOD RISK

Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	08/04/2025	SA	08/04/2025	DR	08/04/2025
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	4 OF 7	A	

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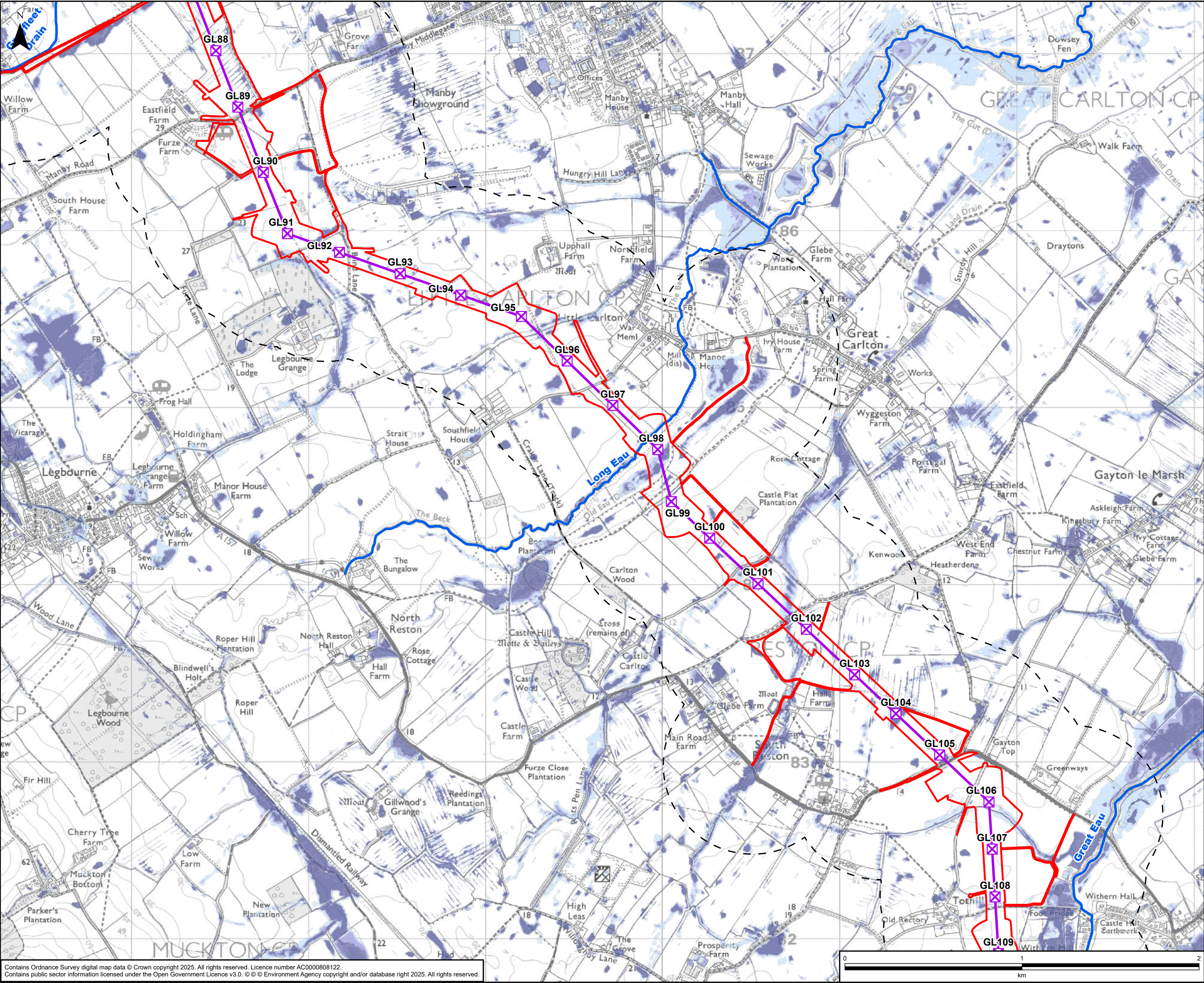
Legend

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Environment Agency Main River

Risk of Flooding from Surface Water

- 1 in 30 Flood Extent
- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

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Rev	Date	Description	GIS	Chk	App
nationalgrid					
Purpose:		PEI REPORT - SECTION 2			
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Document Title:		FIGURE 6.3 SURFACE WATER FLOOD RISK			
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	08/04/2025	SA	08/04/2025	DR	08/04/2025
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	5 OF 7	A	



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 500m Study Area
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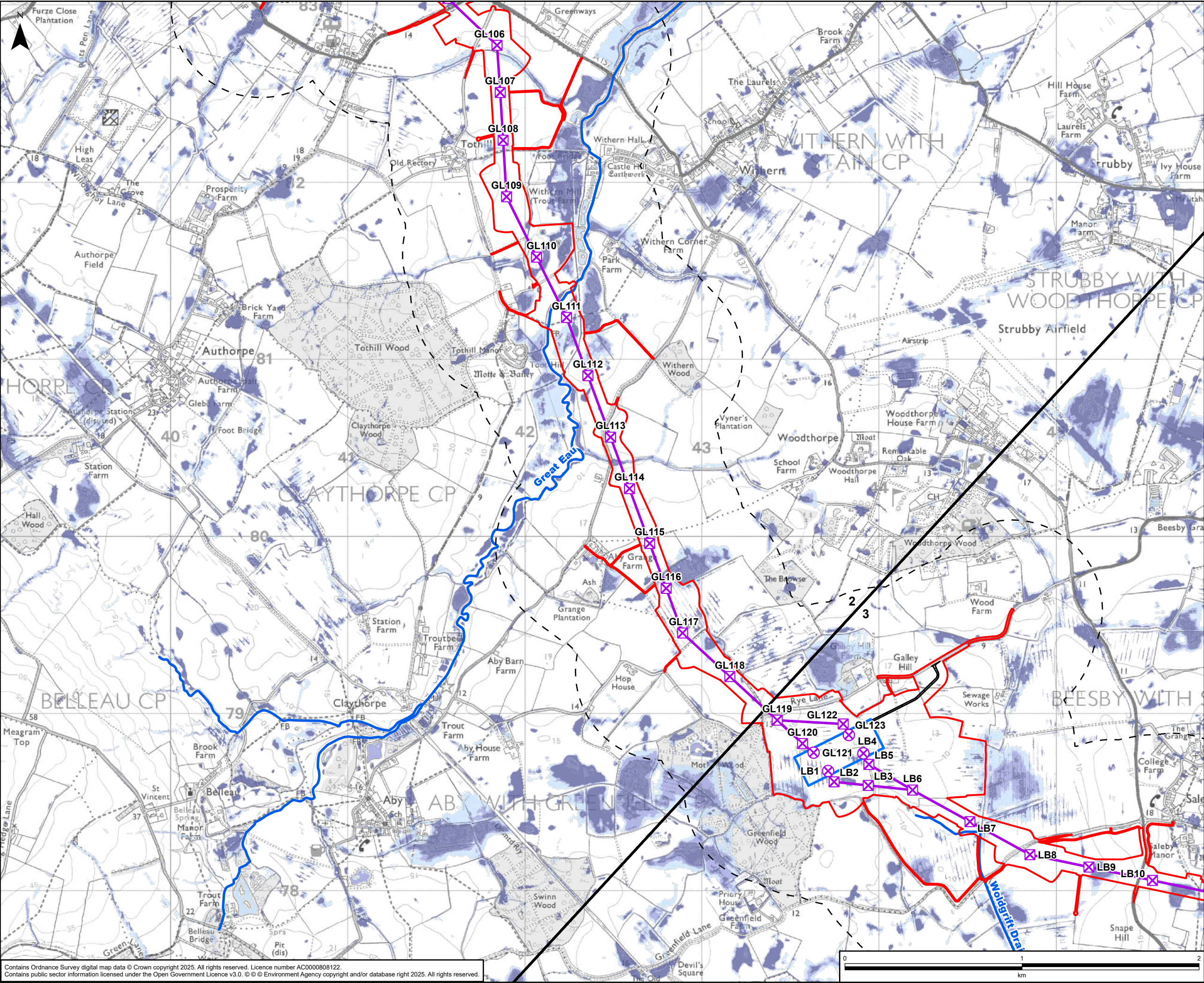
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.3
SURFACE WATER FLOOD RISK

Creator: LC	Date: 08/04/2025	Checker: SA	Date: 08/04/2025	Approver: DR	Date: 08/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 6 OF 7	Rev: A	

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Environment Agency Main River

Risk of Flooding from Surface Water

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- 1 in 100 Flood Extent
- 1 in 1000 Flood Extent

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nationalgrid

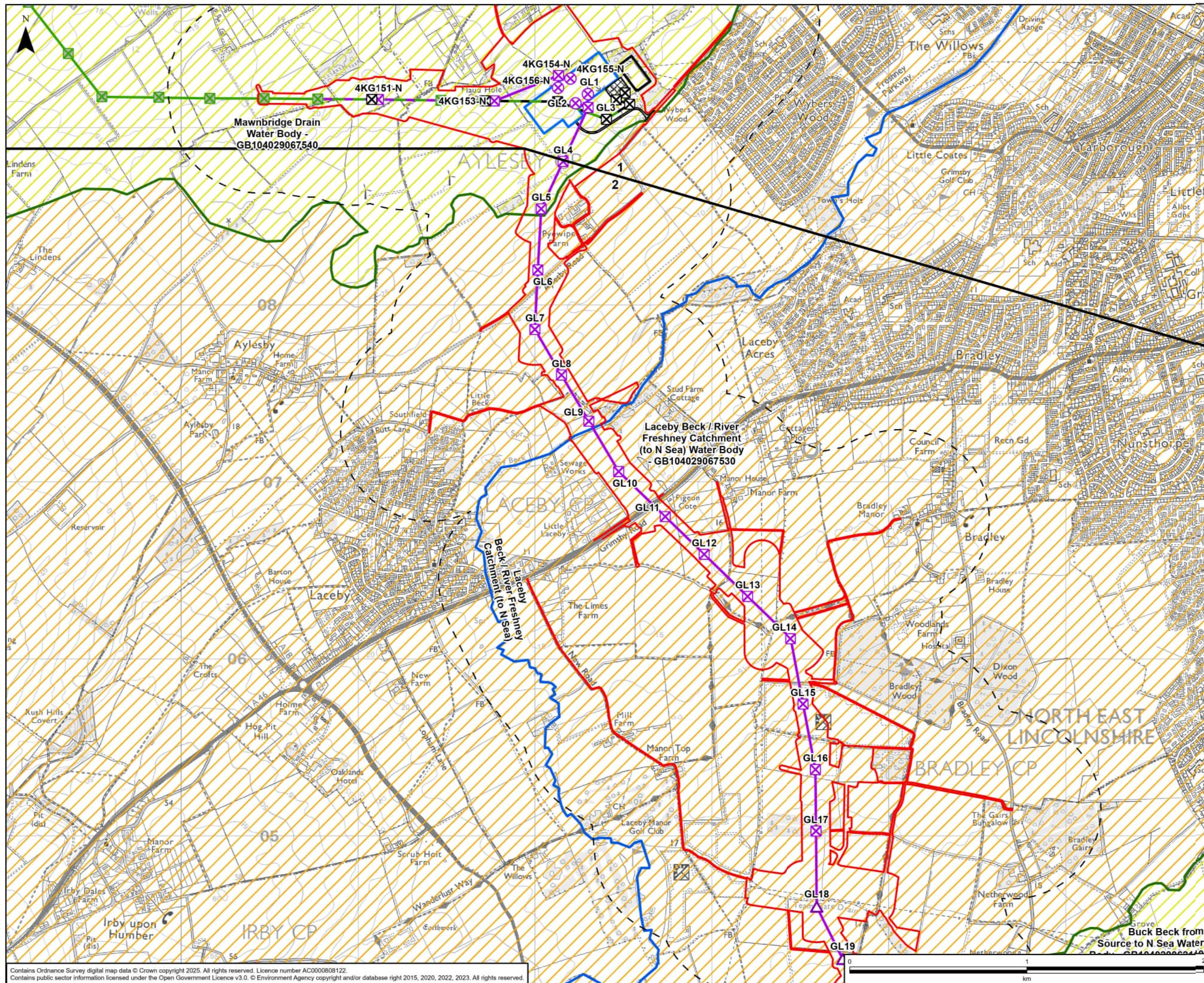
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Scheme: GRIMSBY TO WALPOLE

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SURFACE WATER FLOOD RISK

Creator: LC	Date: 08/04/2025	Checker: SA	Date: 08/04/2025	Approver: DR	Date: 08/04/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Low Height Lattice Pylon
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Existing Substation to be Demolished
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- WFD Water Body
- WFD River Water Body Catchment Boundary
- Ecological Status - Cycle 3
- Moderate
- Poor

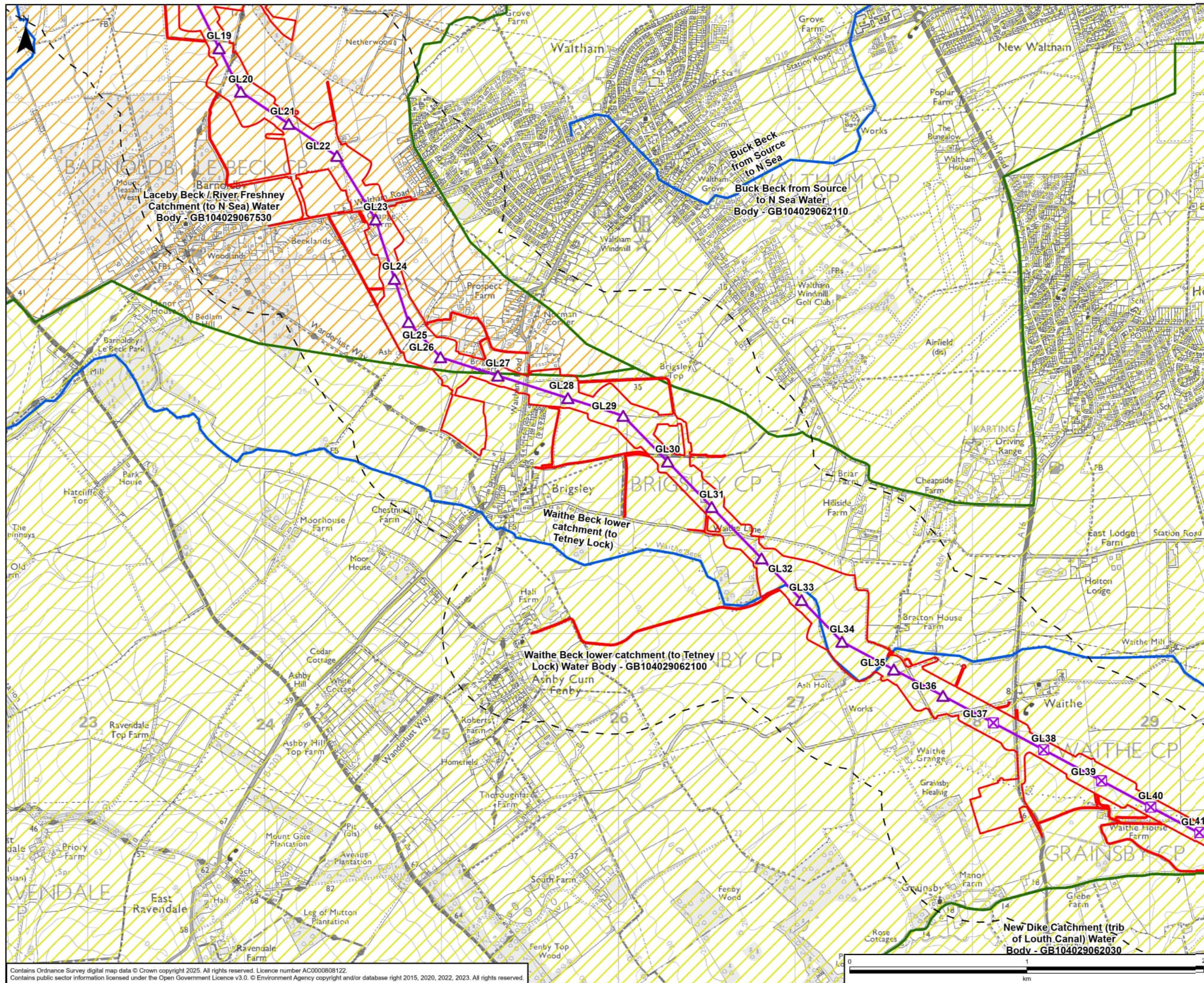
A	24/04/2025	First Issue	LC	SA	DR
Rev	Date	Description	GIS	Chk	App

Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.4
WATER FRAMEWORK DIRECTIVE SURFACE
WATER BODY STATUS

Creator: LC	Date: 24/04/2025	Checker: SA	Date: 24/04/2025	Approver: DR	Date: 24/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 1 OF 7	Rev: A	



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Low Height Lattice Pylon
- Indicative New Overhead Line
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A	24/04/2025	First Issue	LC	SA	DR
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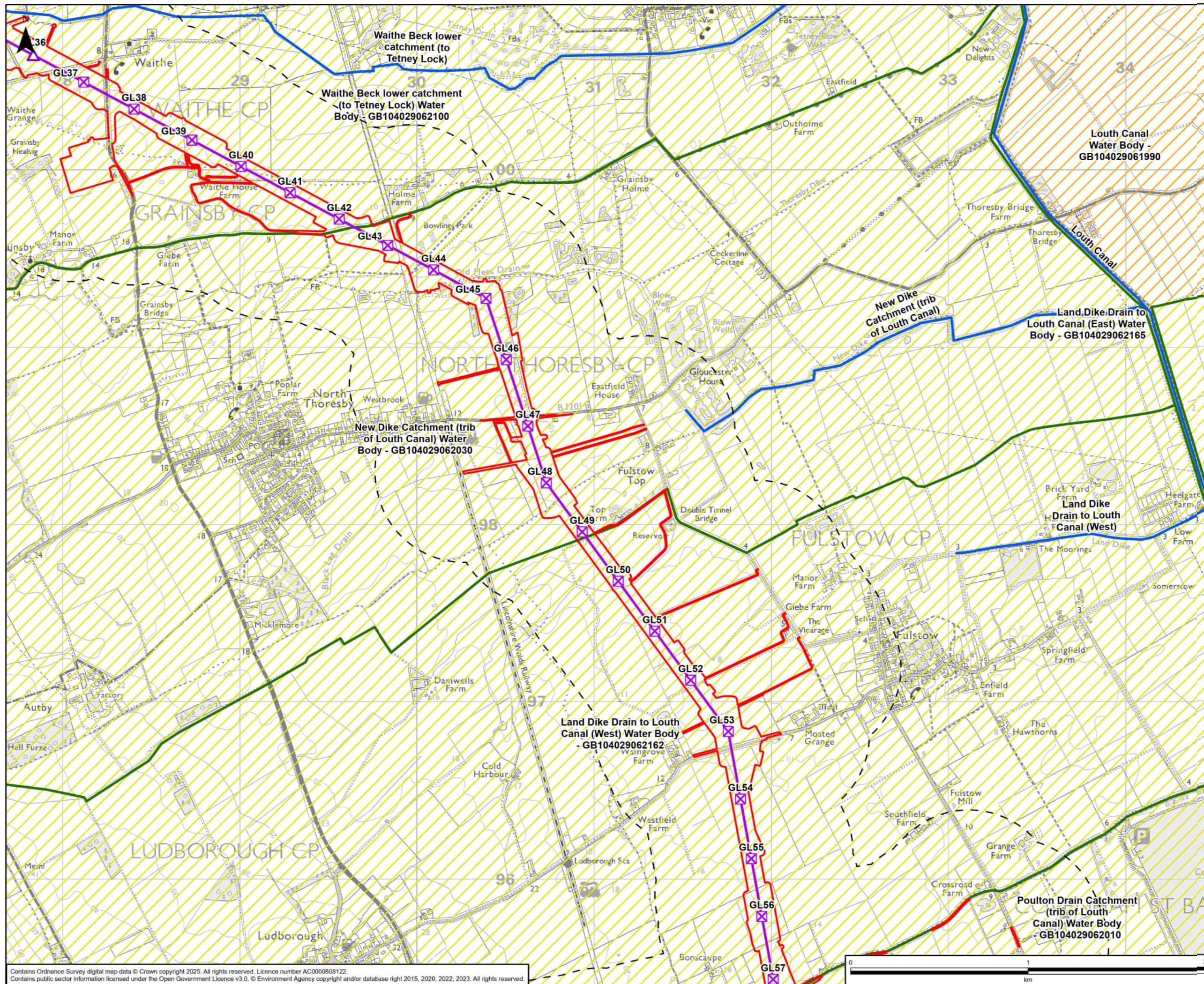
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Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 6.4
WATER FRAMEWORK DIRECTIVE SURFACE
WATER BODY STATUS

Creator: LC	Date: 24/04/2025	Checker: SA	Date: 24/04/2025	Approver: DR	Date: 24/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 2 OF 7	Rev: A	

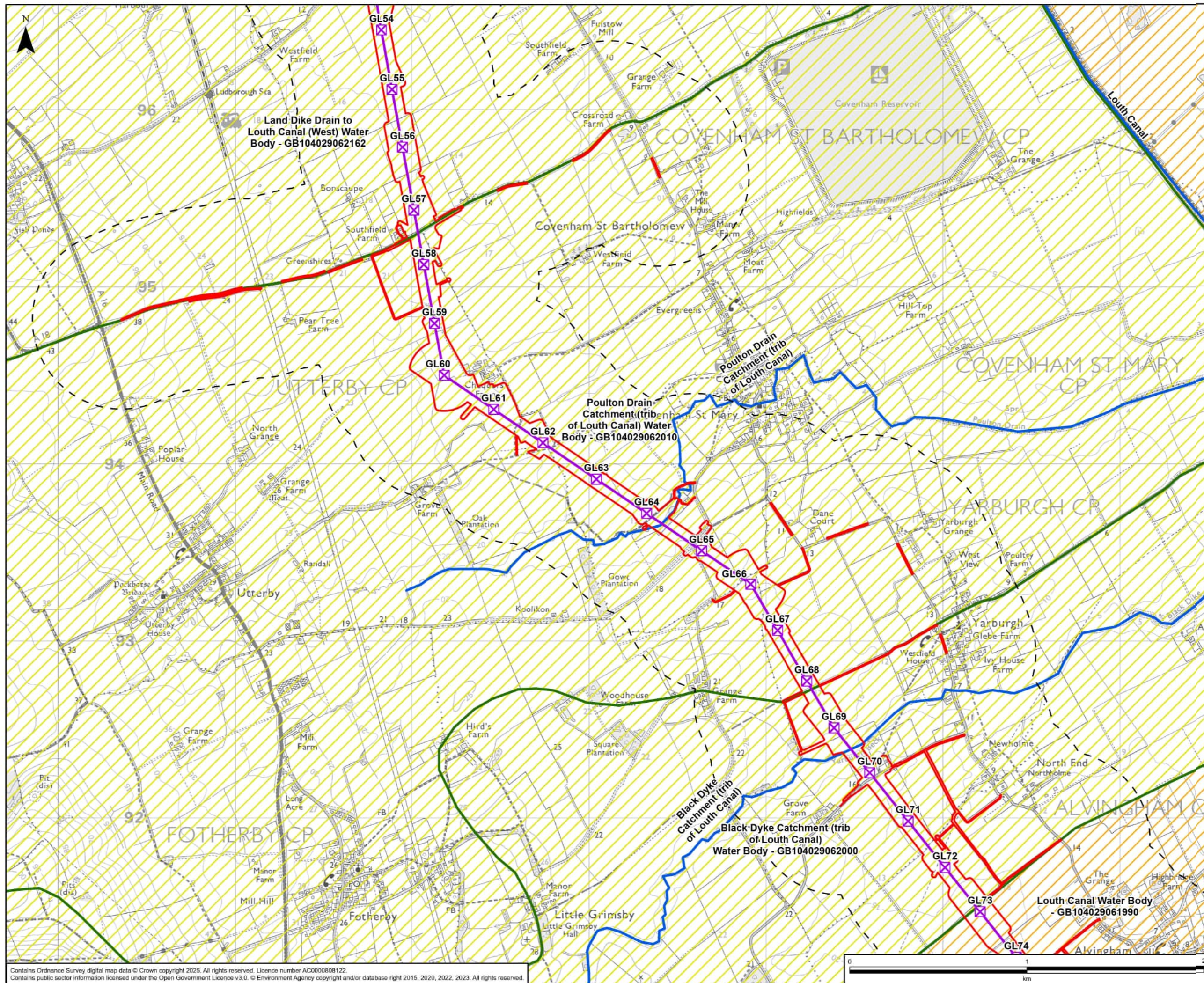


GRIMSBY TO WALPOLE LEGEND



- Legend**
- Draft Order Limits
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Low Height Lattice Pylon
 - Indicative New Overhead Line
 - WFD Water Body
 - WFD River Water Body Catchment Boundary
 - Ecological Status - Cycle 3
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 - Poor

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nationalgrid					
Purpose: PEI REPORT - SECTION 2					
Scheme: GRIMSBY TO WALPOLE					
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Creator: LC	Date: 24/04/2025	Checker: SA	Date: 24/04/2025	Approver: DR	Date: 24/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 3 OF 7	Rev: A	



GRIMSBY TO WALPOLE LEGEND

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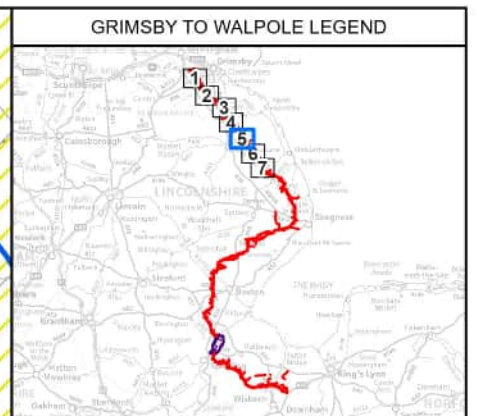
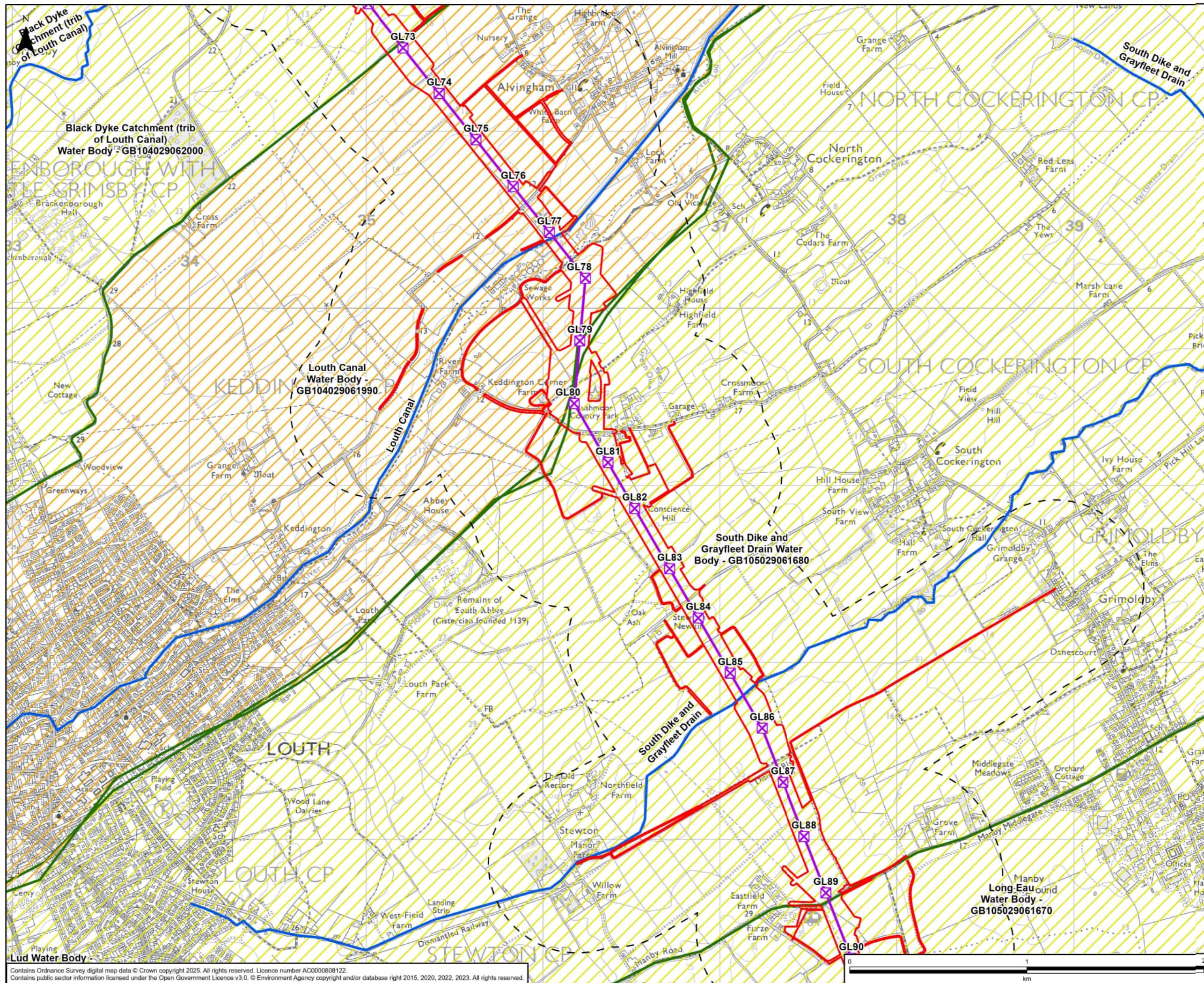
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Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

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WATER FRAMEWORK DIRECTIVE SURFACE
WATER BODY STATUS

Creator: LC	Date: 24/04/2025	Checker: SA	Date: 24/04/2025	Approver: DR	Date: 24/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 4 OF 7	Rev: A	

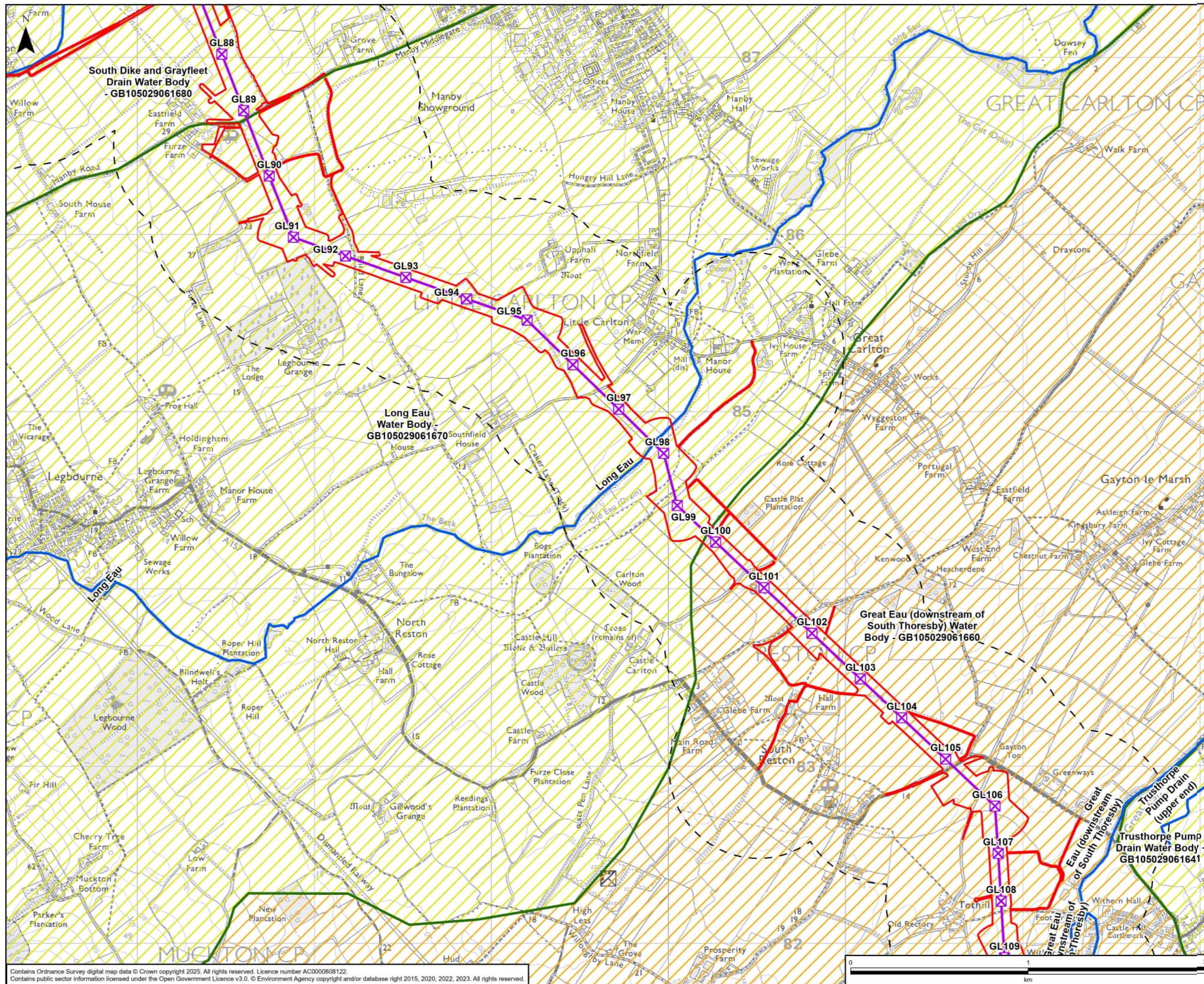


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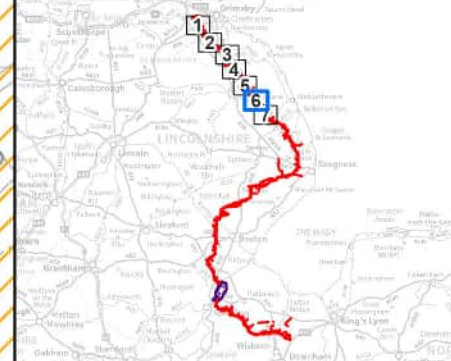
Legend

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Purpose:		PEI REPORT - SECTION 2			
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Document Title:		FIGURE 6.4 WATER FRAMEWORK DIRECTIVE SURFACE WATER BODY STATUS			
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	24/04/2025	SA	24/04/2025	DR	24/04/2025
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FIGURE	1:20,000	A3	5 OF 7	A	

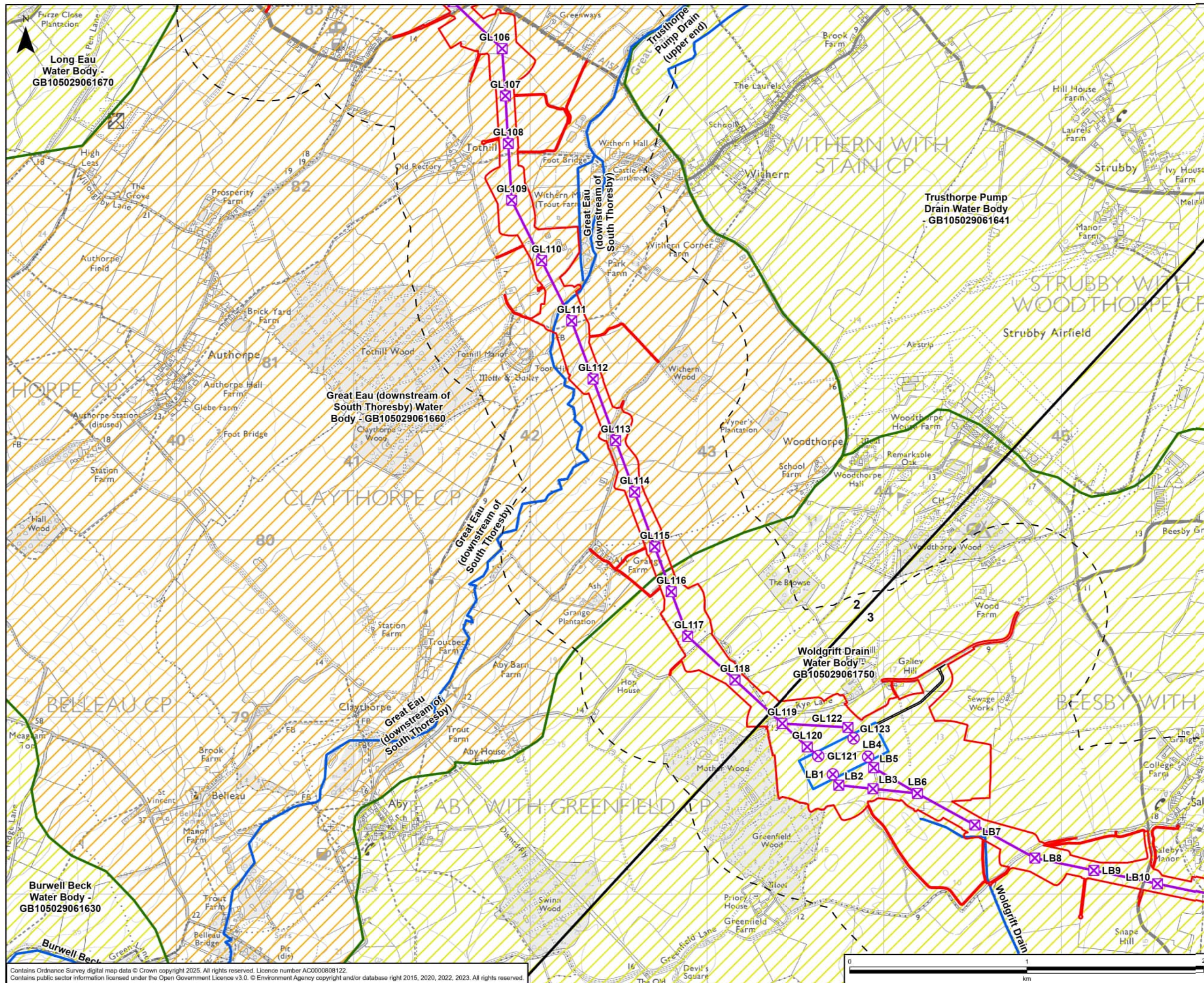


GRIMSBY TO WALPOLE LEGEND



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GRIMSBY TO WALPOLE LEGEND

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Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 6.4**
WATER FRAMEWORK DIRECTIVE SURFACE WATER BODY STATUS

Creator: LC	Date: 24/04/2025	Checker: SA	Date: 24/04/2025	Approver: DR	Date: 24/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 7 OF 7	Rev: A	