

The Great Grid Upgrade

Grimsby to Walpole

Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 4 New Lincolnshire Connection Substation B to Refined
Weston Marsh Substation Siting Zone

Chapter 7 Geology and Hydrogeology

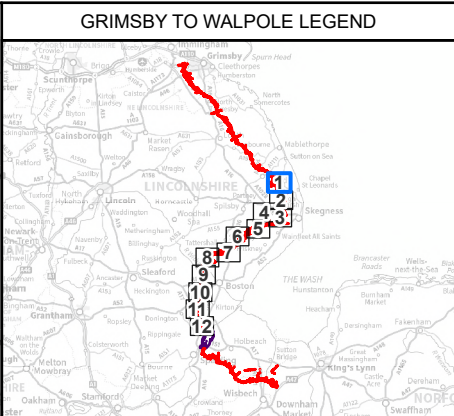
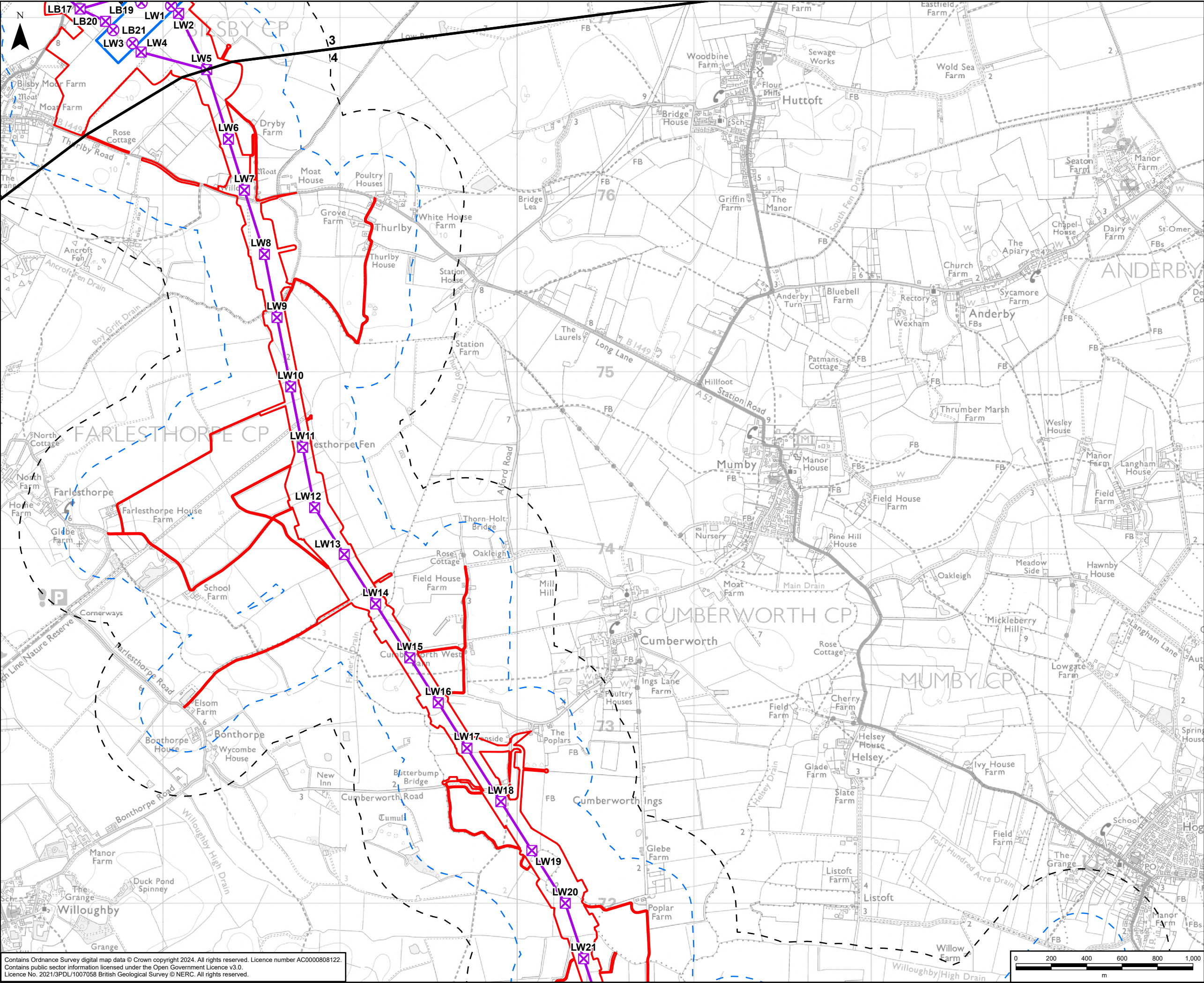
Figures

June 2025



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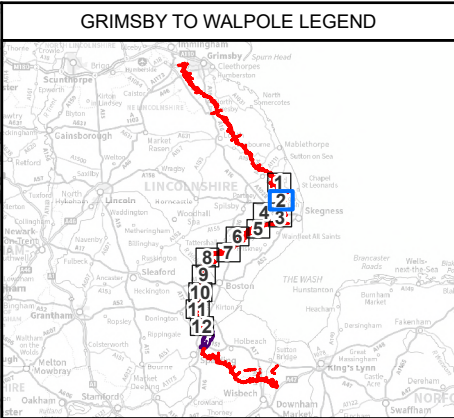
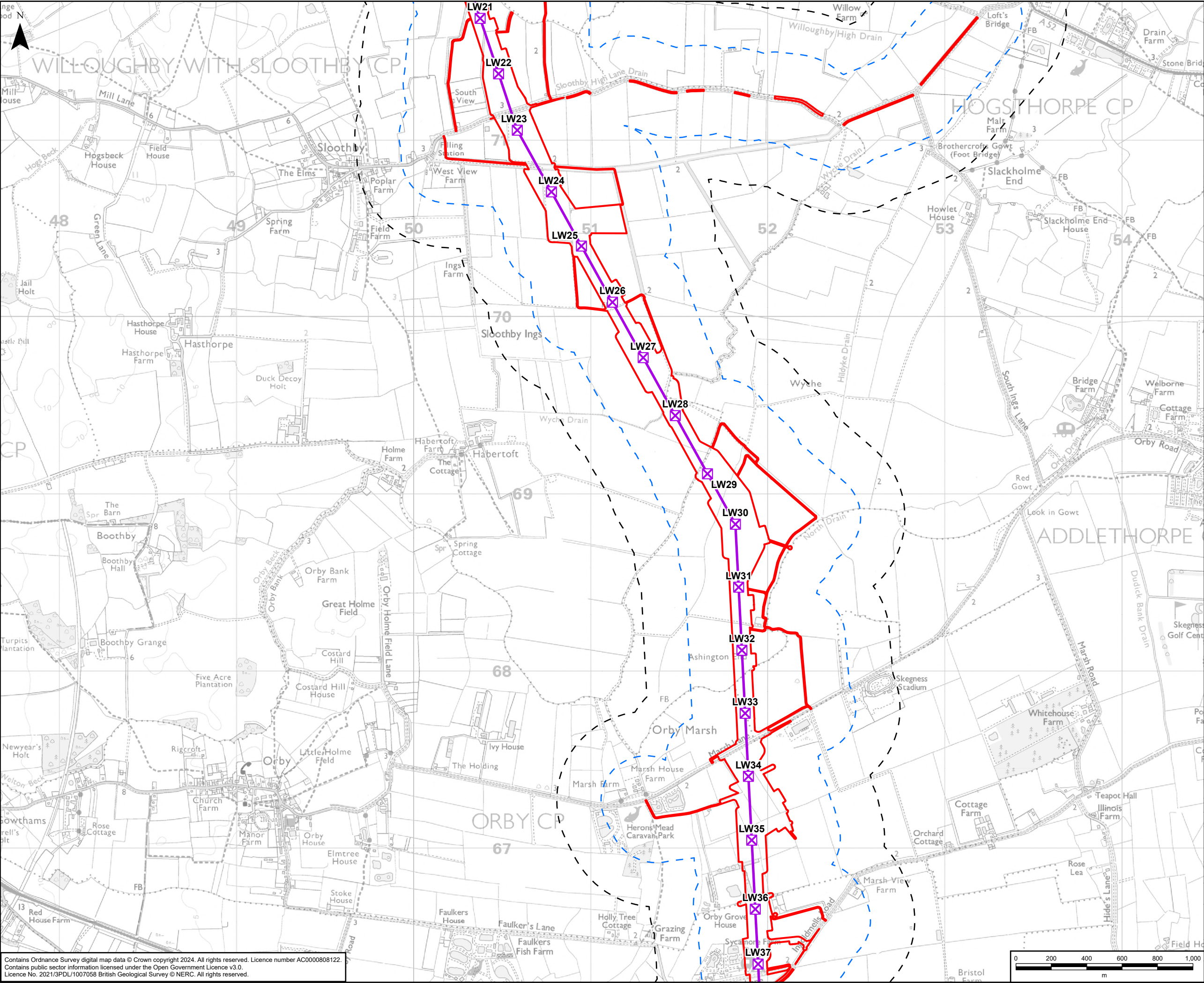


- Legend**
- Draft Order Limits
 - Route Section Break
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Gantry
 - Indicative New Overhead Line
 - Indicative New Substation Boundary
 - Indicative Permanent Substation Access Route

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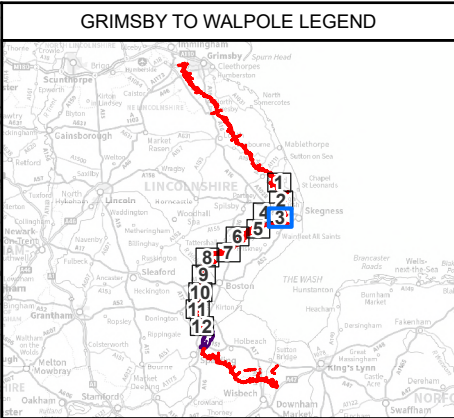
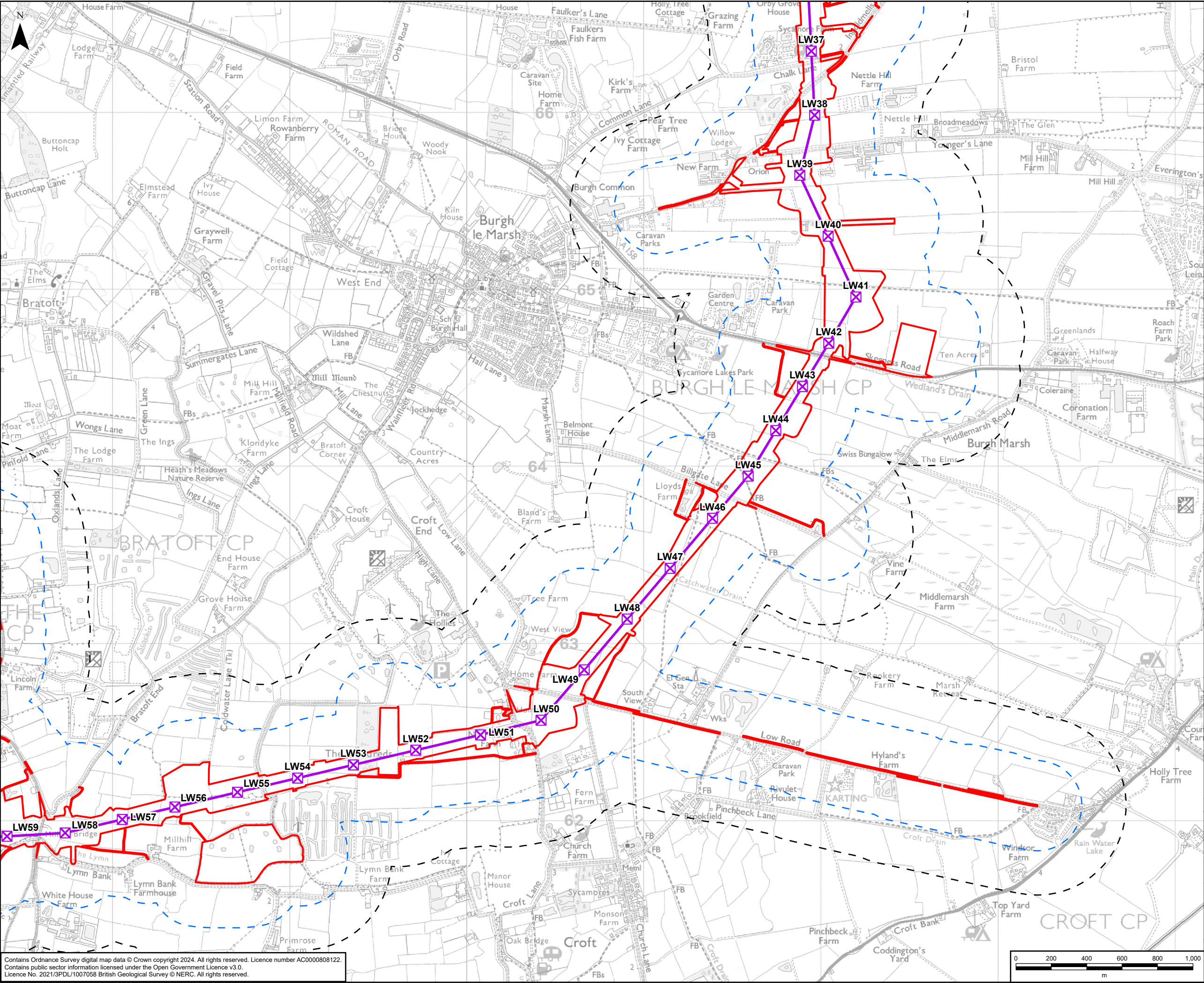
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- Draft Order Limits
- 250m Study Area
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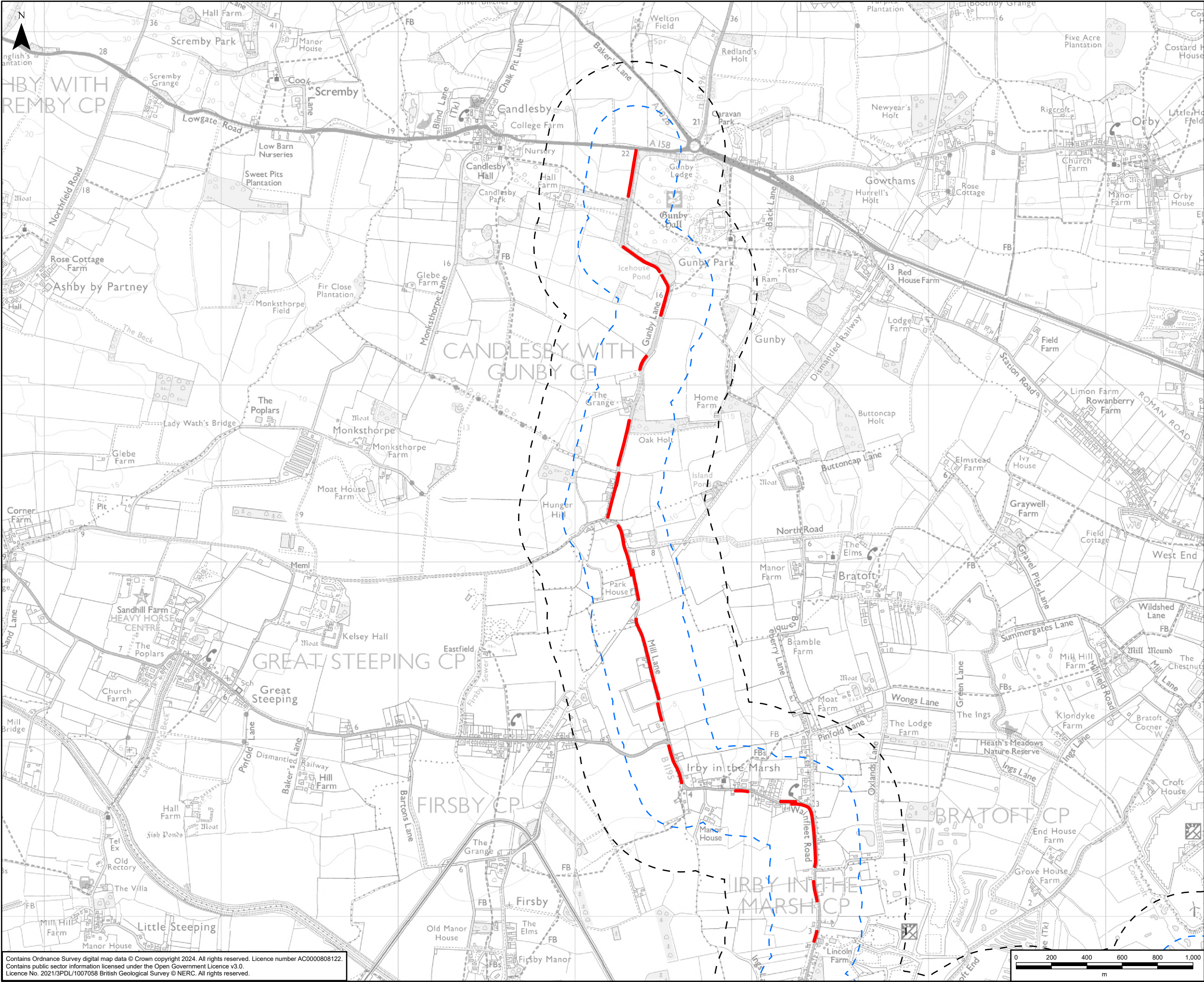
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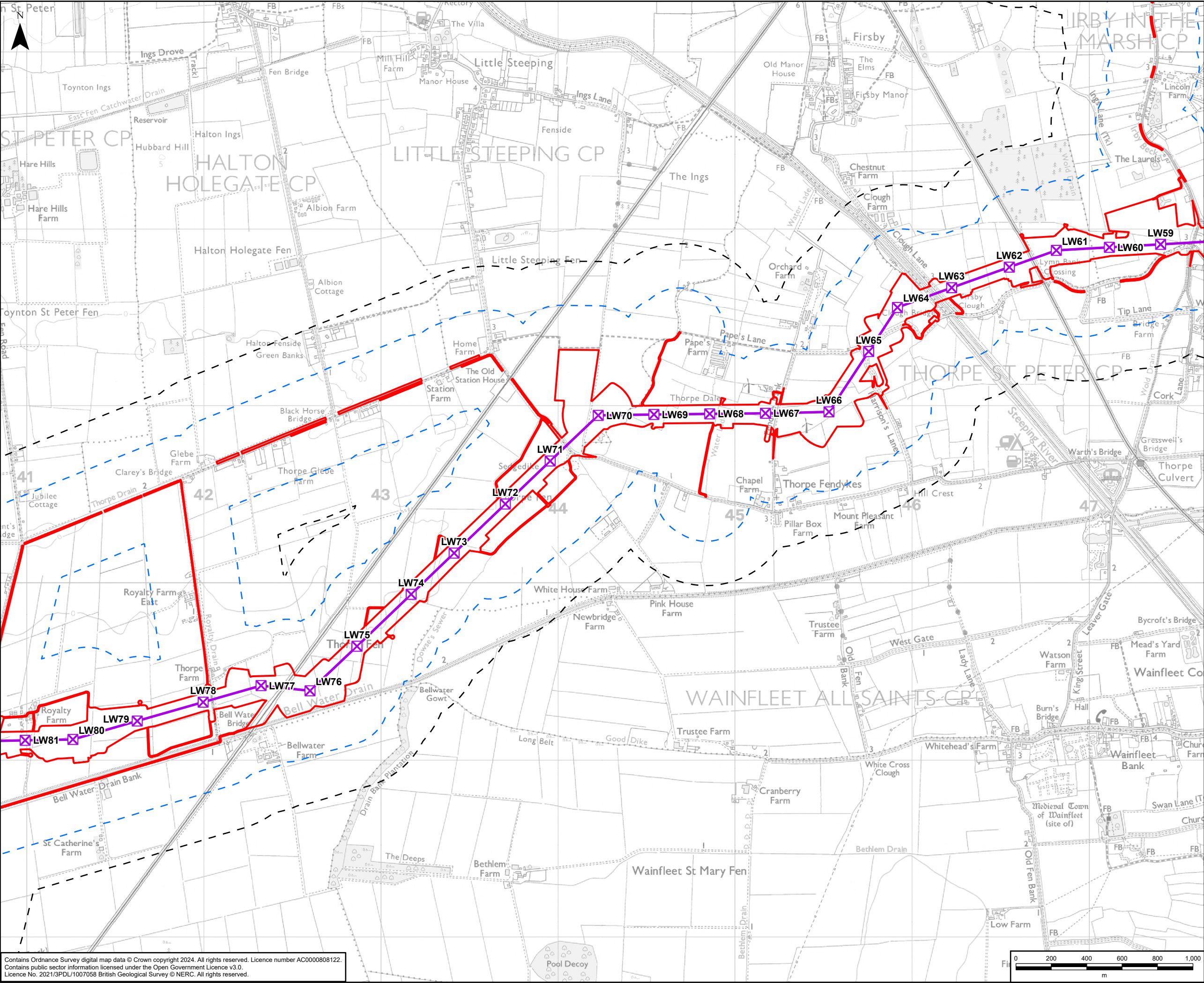
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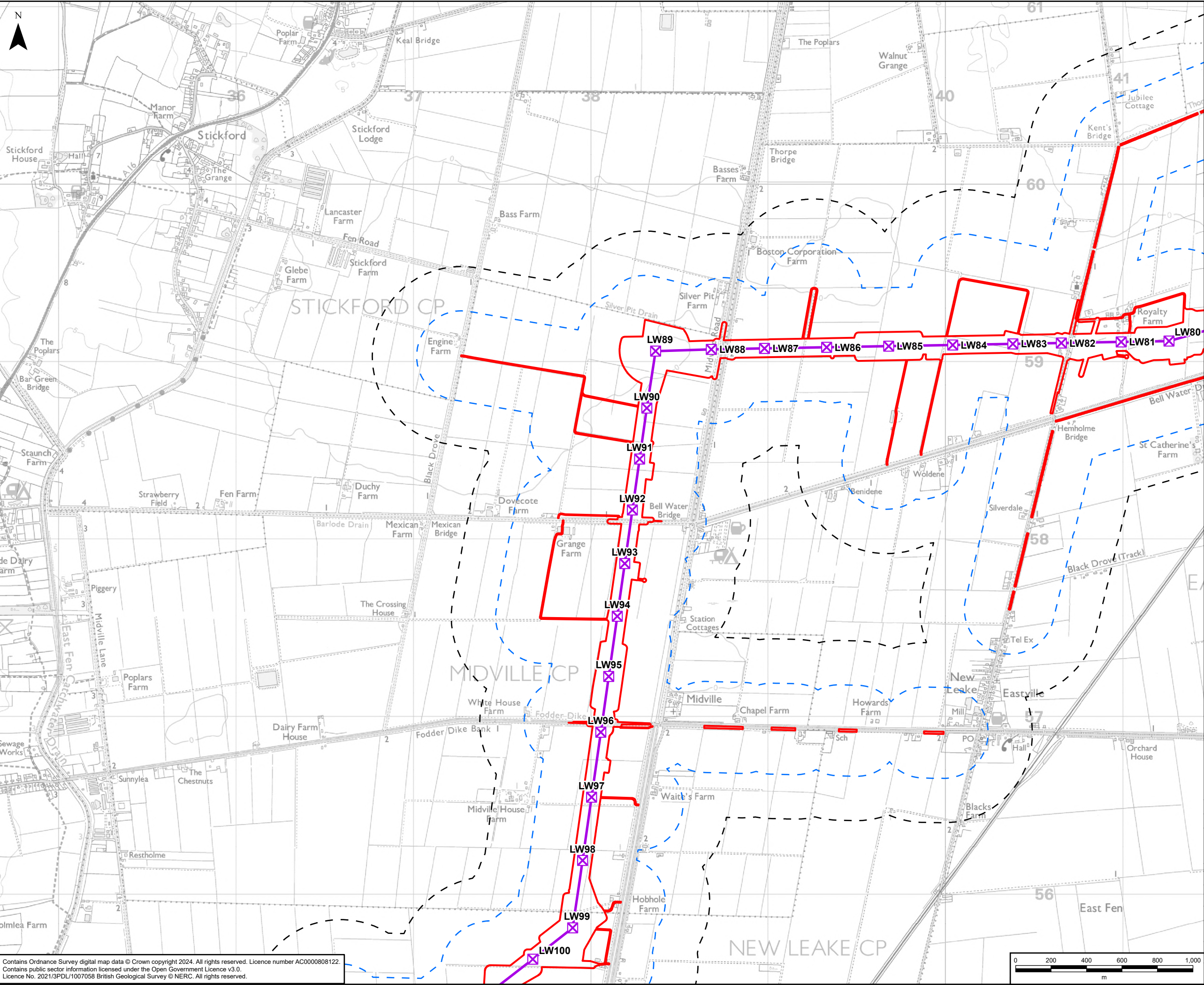
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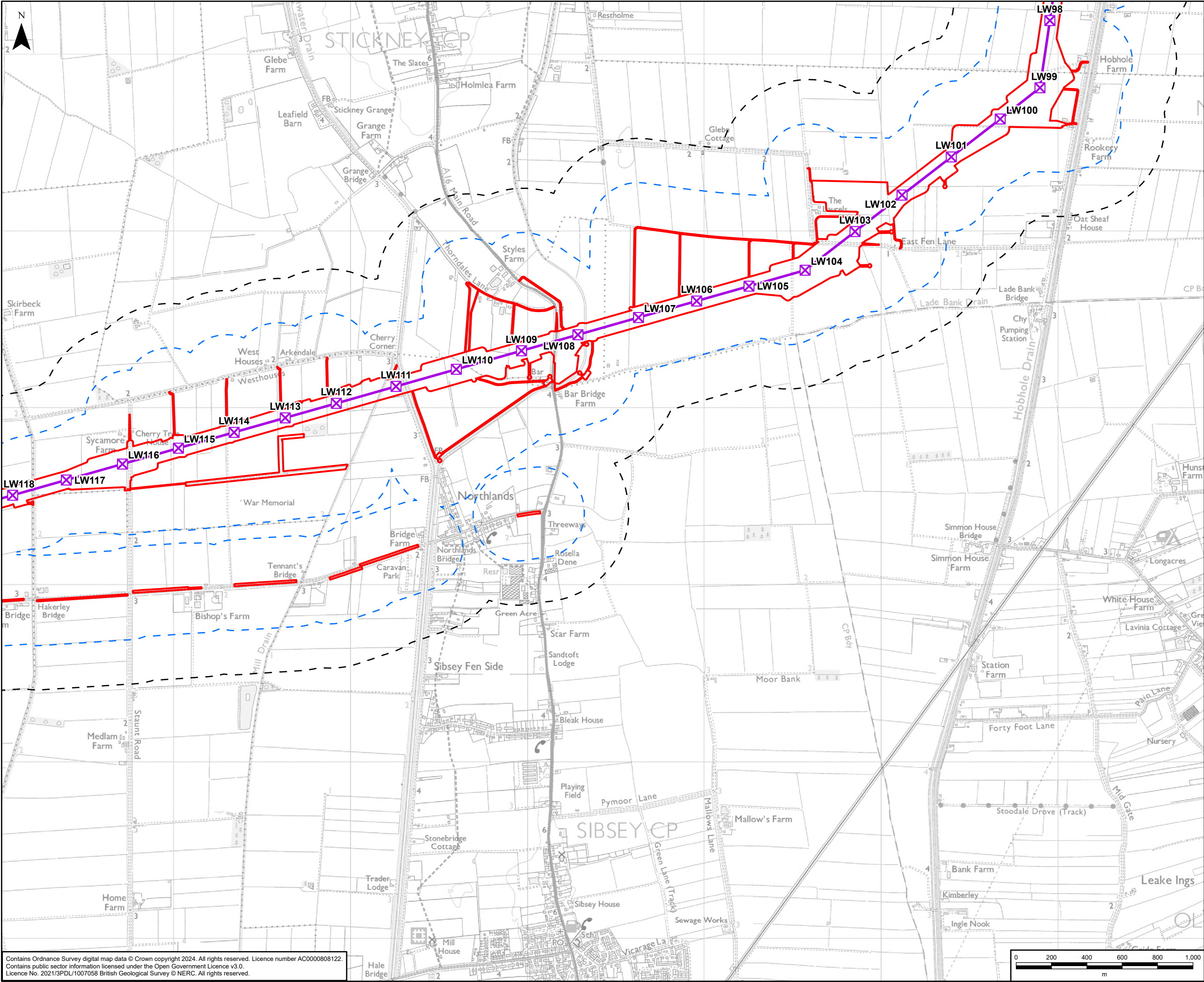
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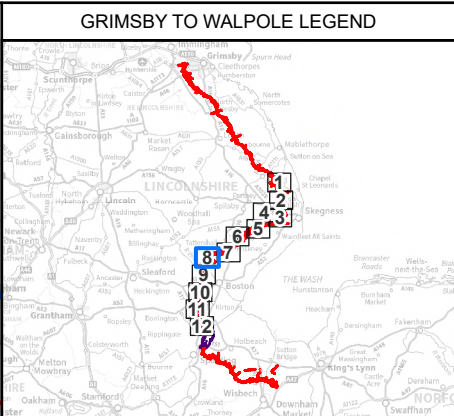
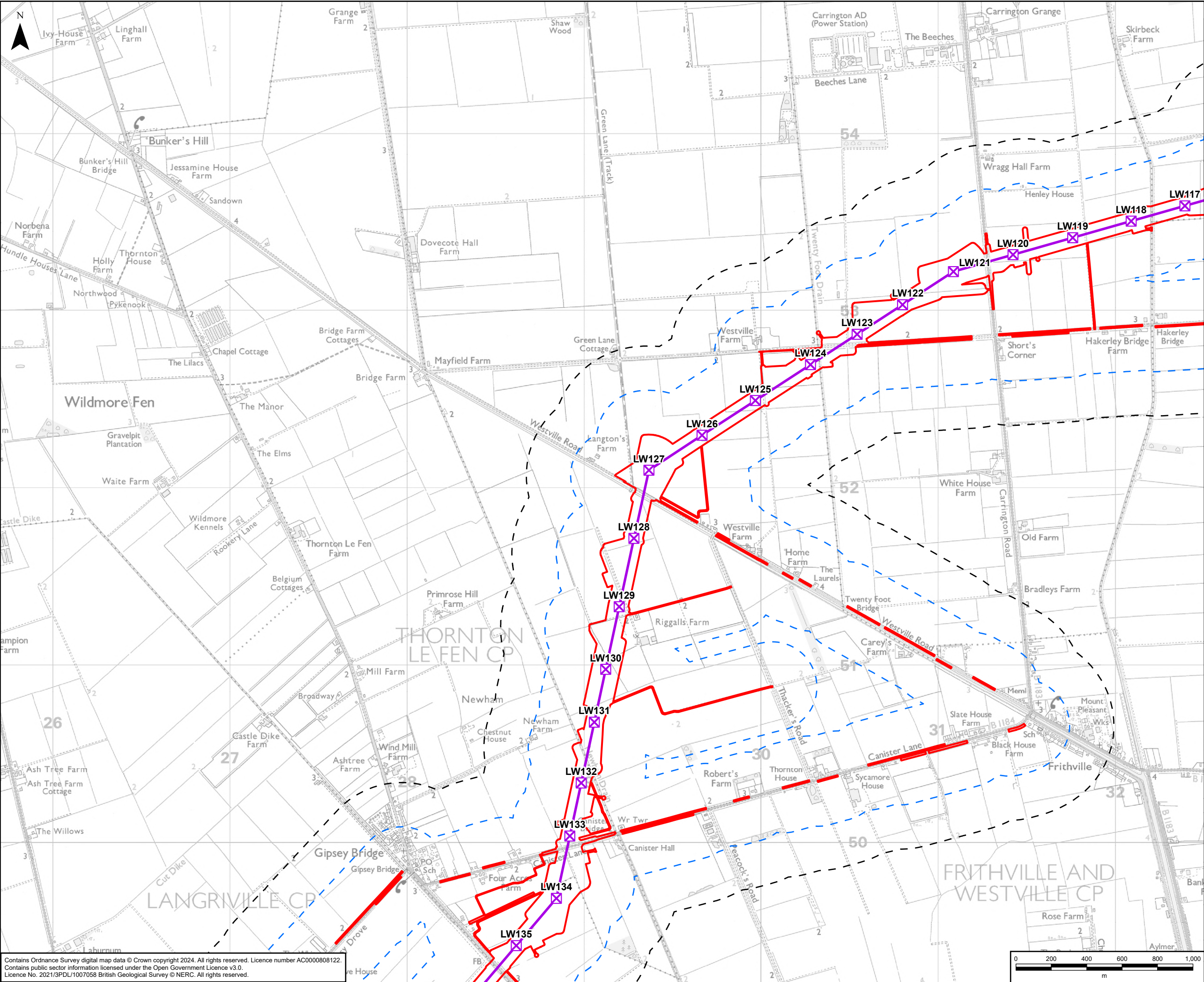
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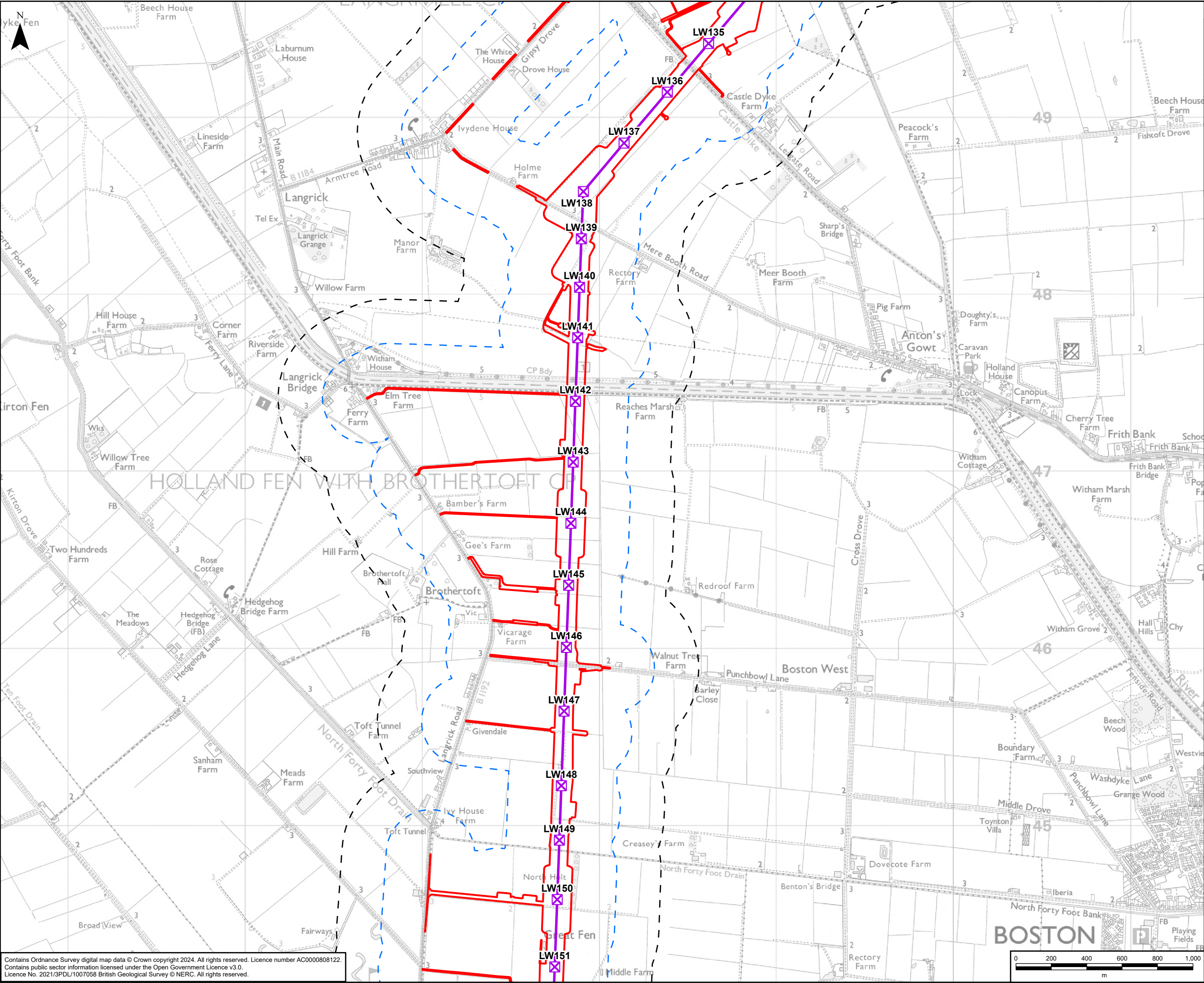
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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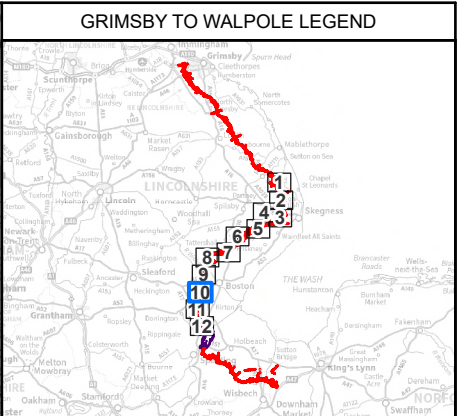
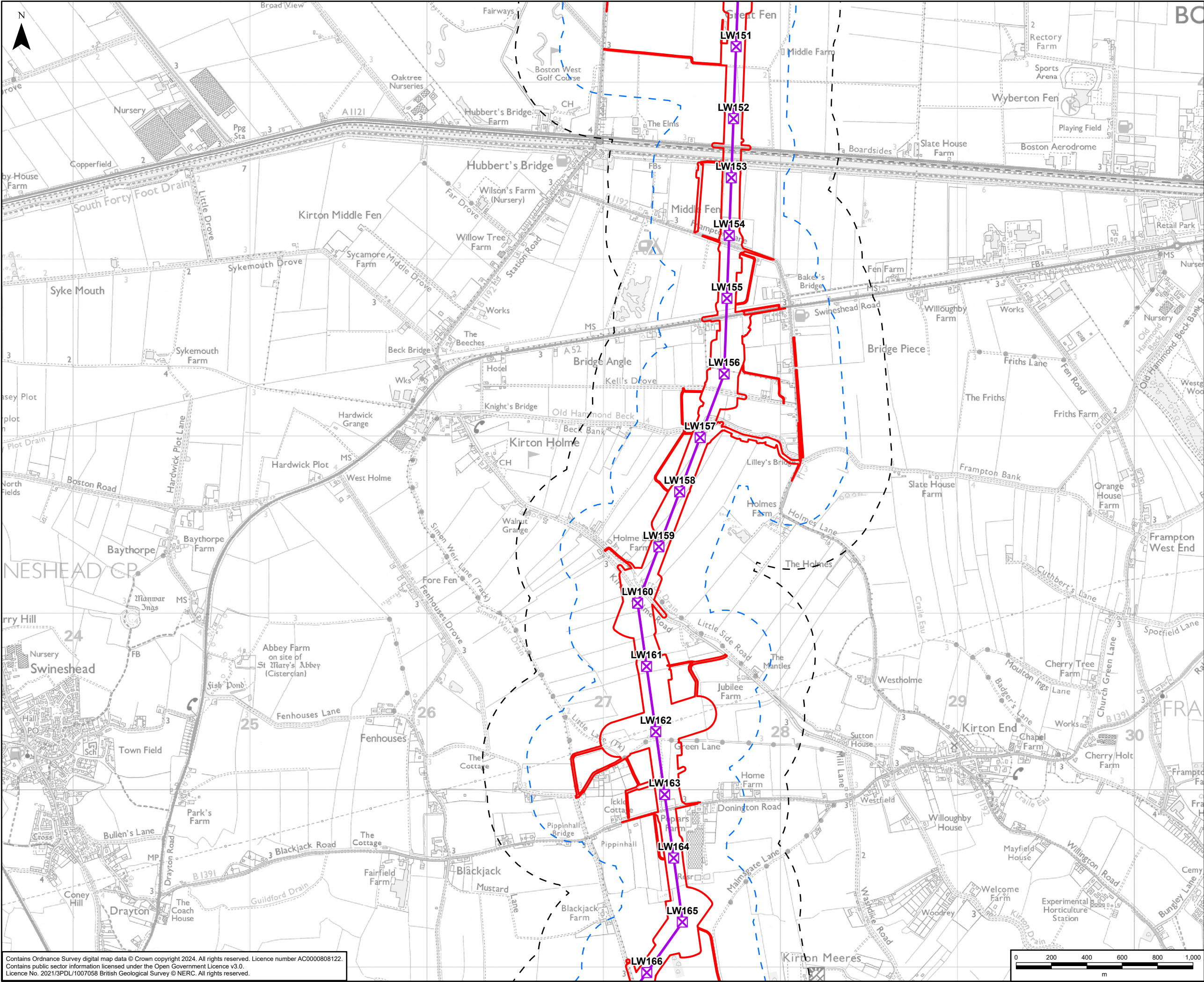
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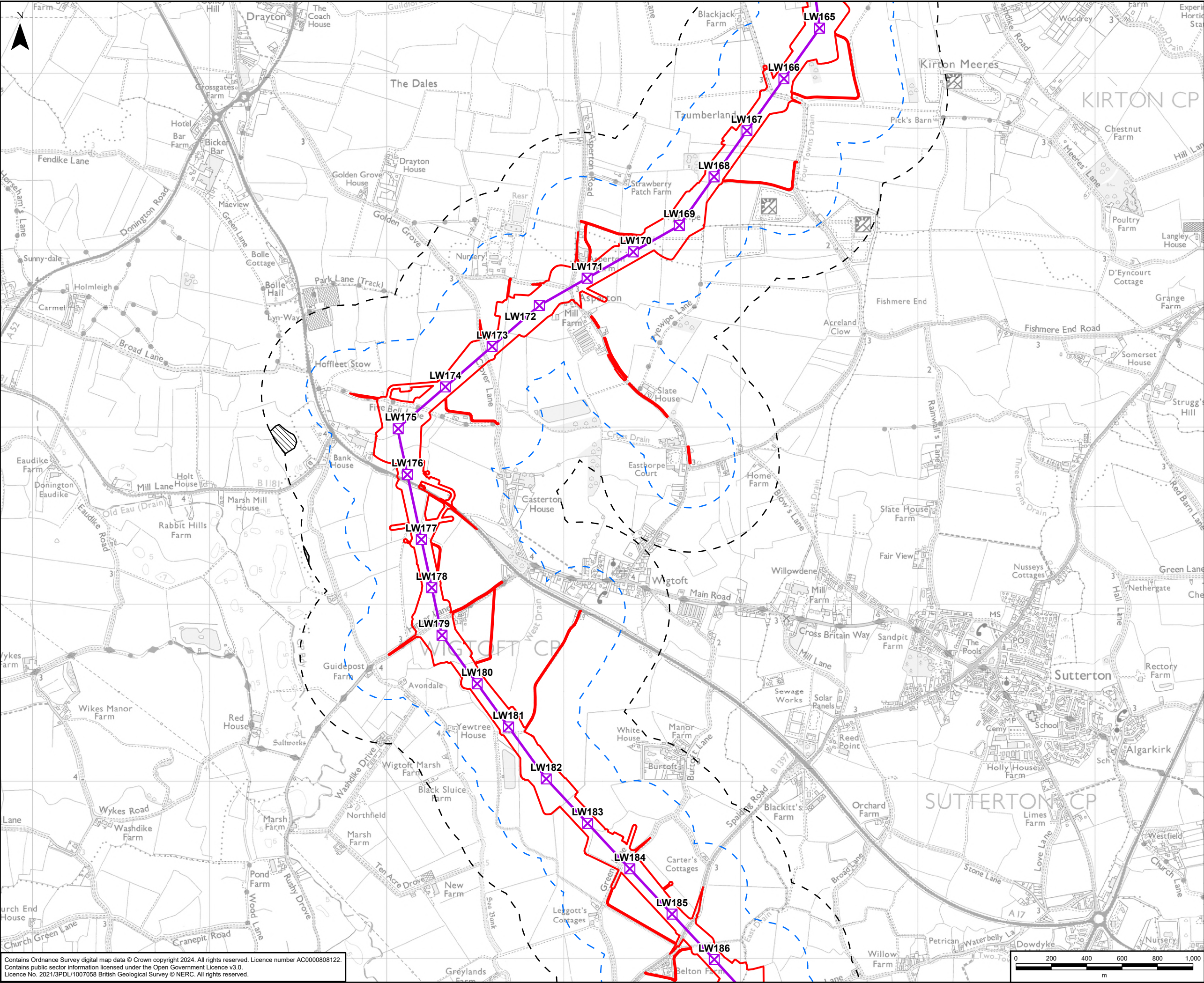
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- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Artificial Geology (BGS 50k)

- Made Ground (Undivided) - Artificial Deposit

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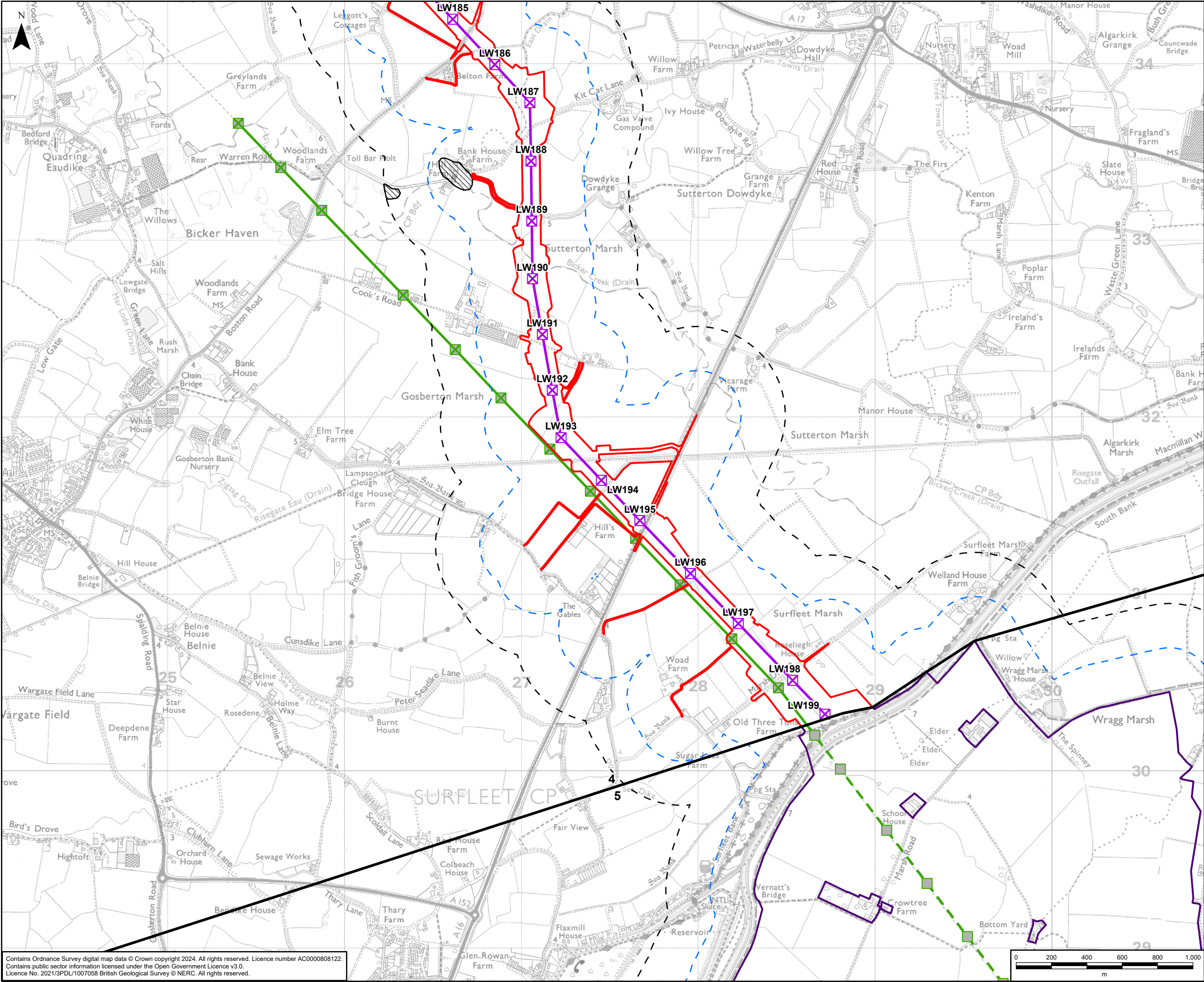
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

Artificial Geology (BGS 50k)

- Made Ground (Undivided) - Artificial Deposit

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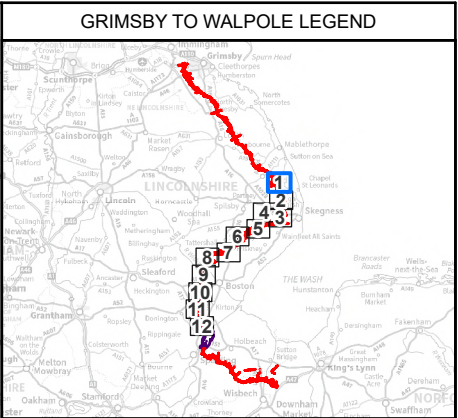
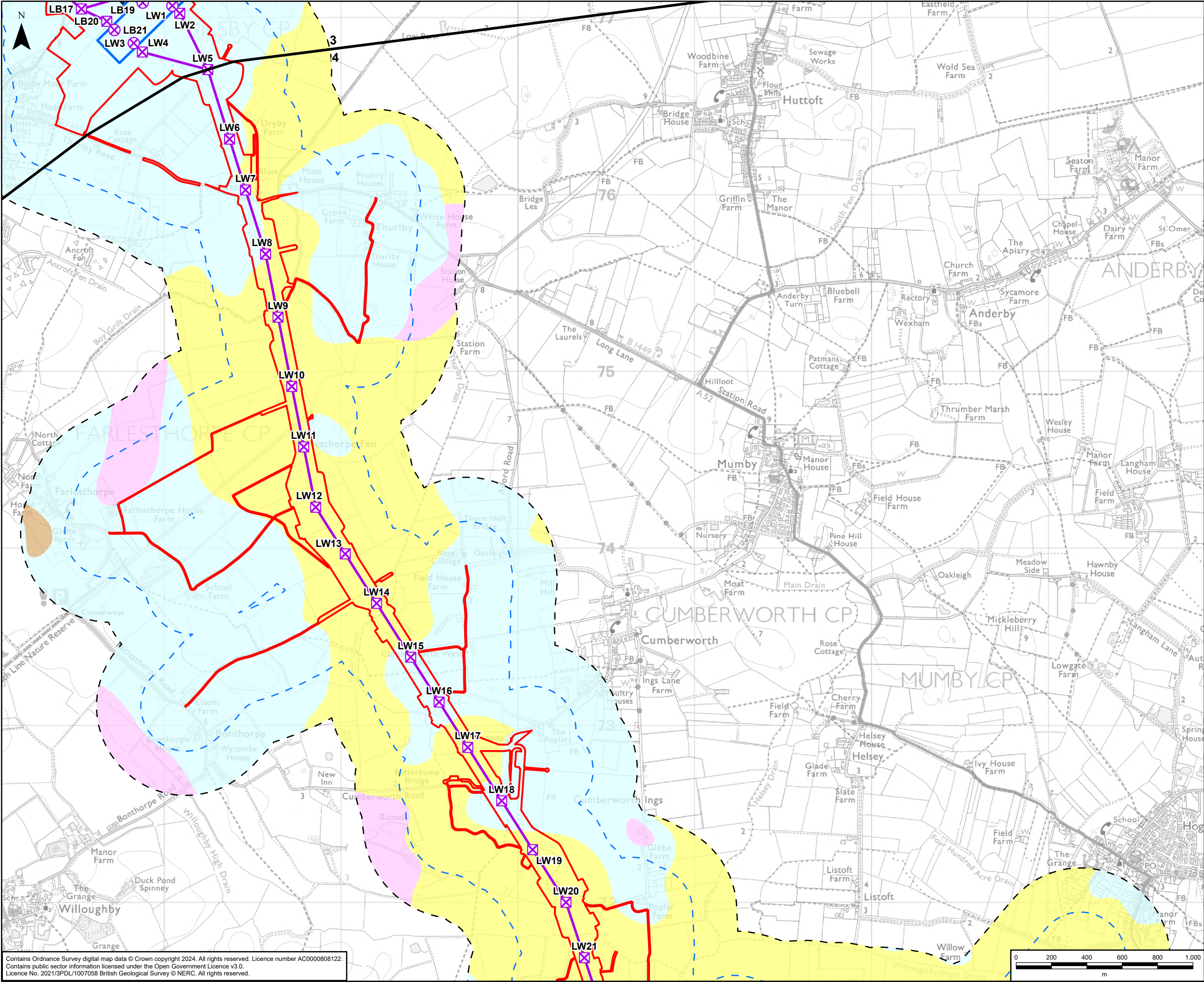
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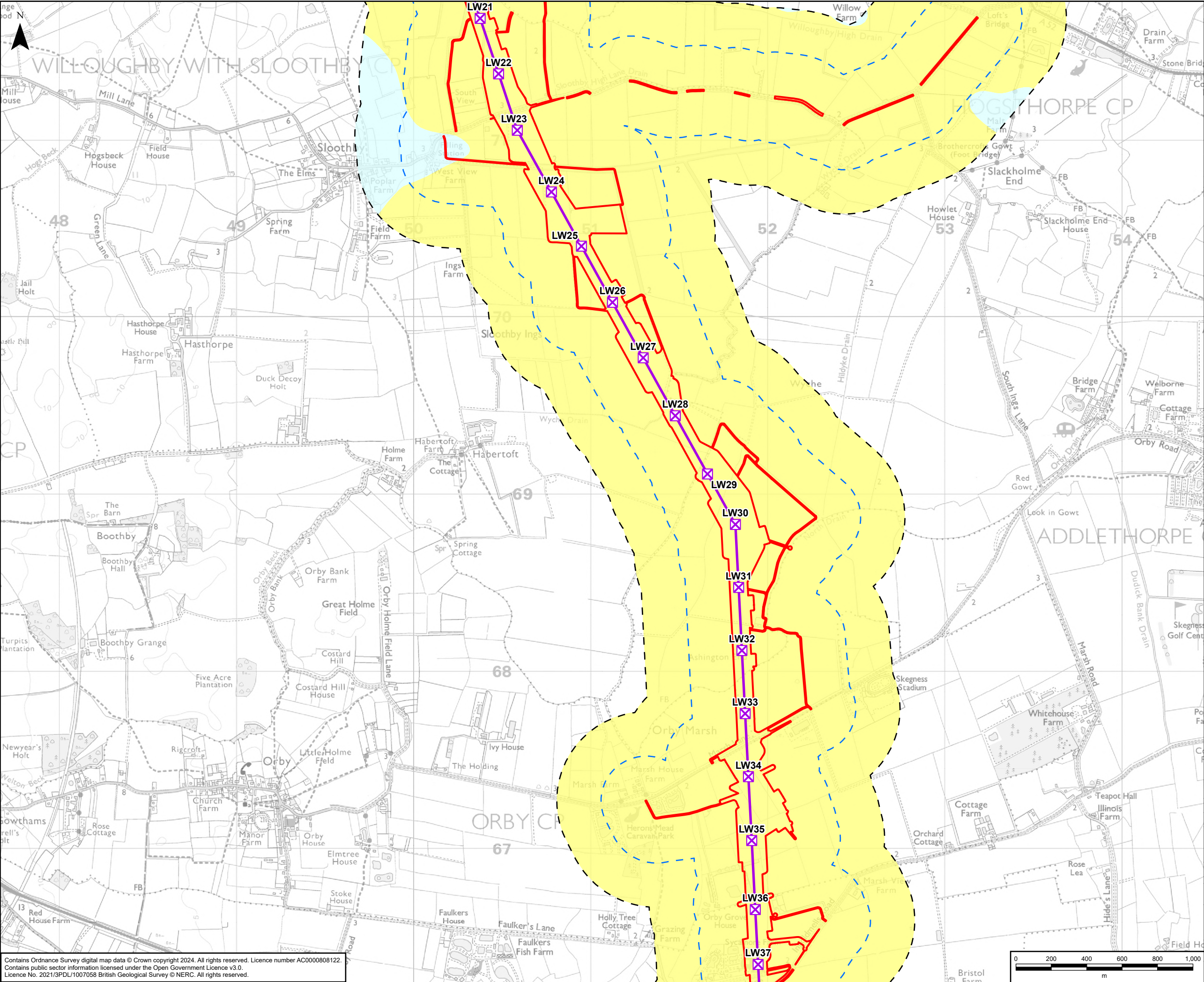
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- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route

Superficial Geology (BGS 50k)

- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Peat
- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- X Indicative New Lattice Pylon
- Indicative New Overhead Line

Superficial Geology (BGS 50k)

- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

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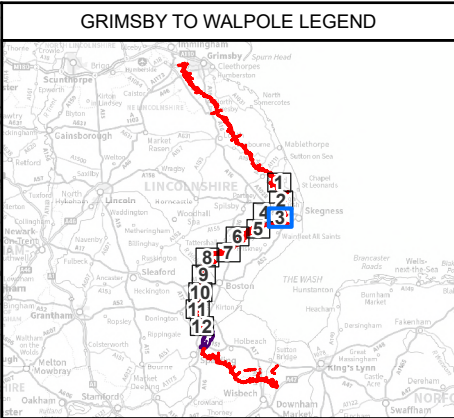
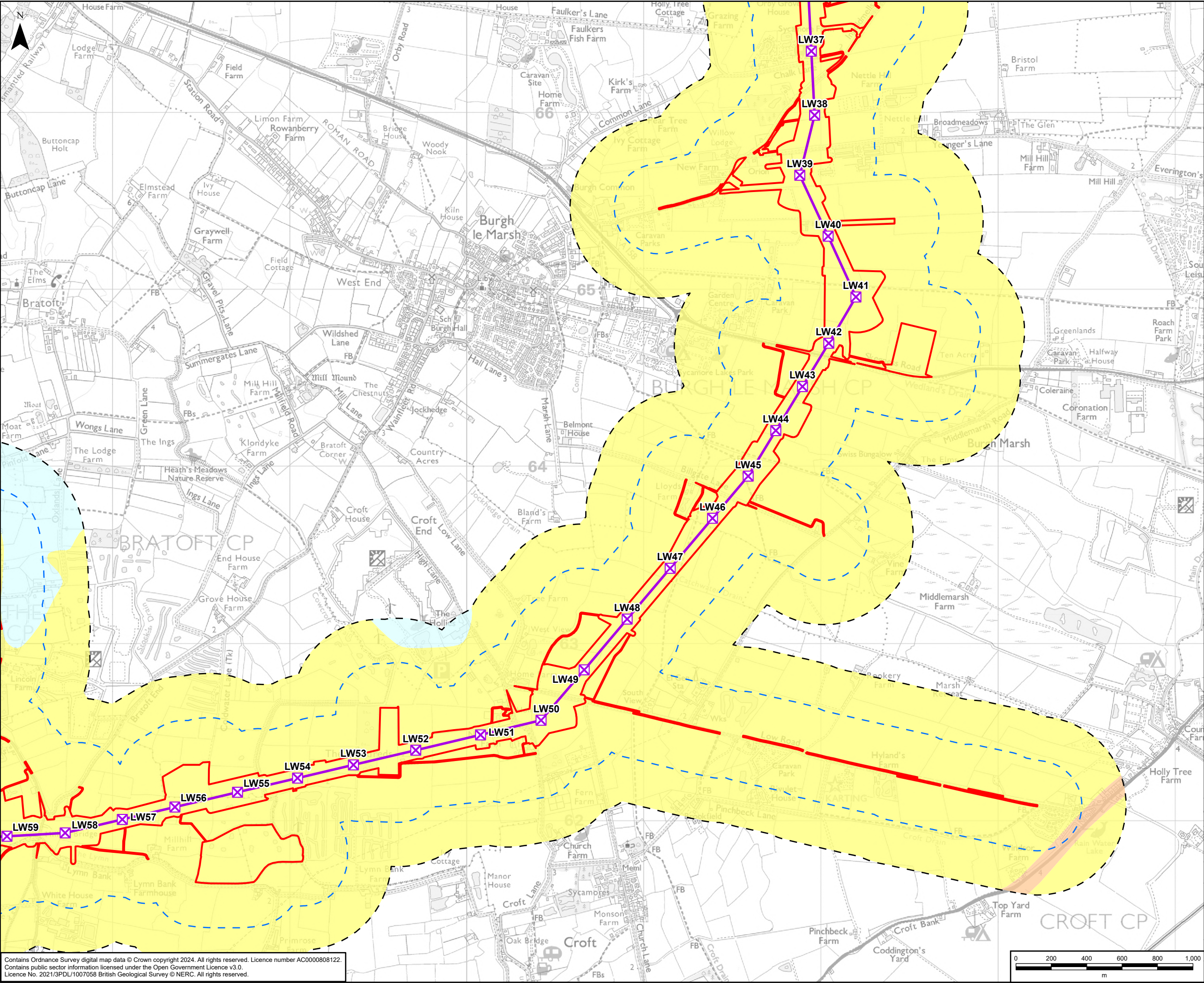
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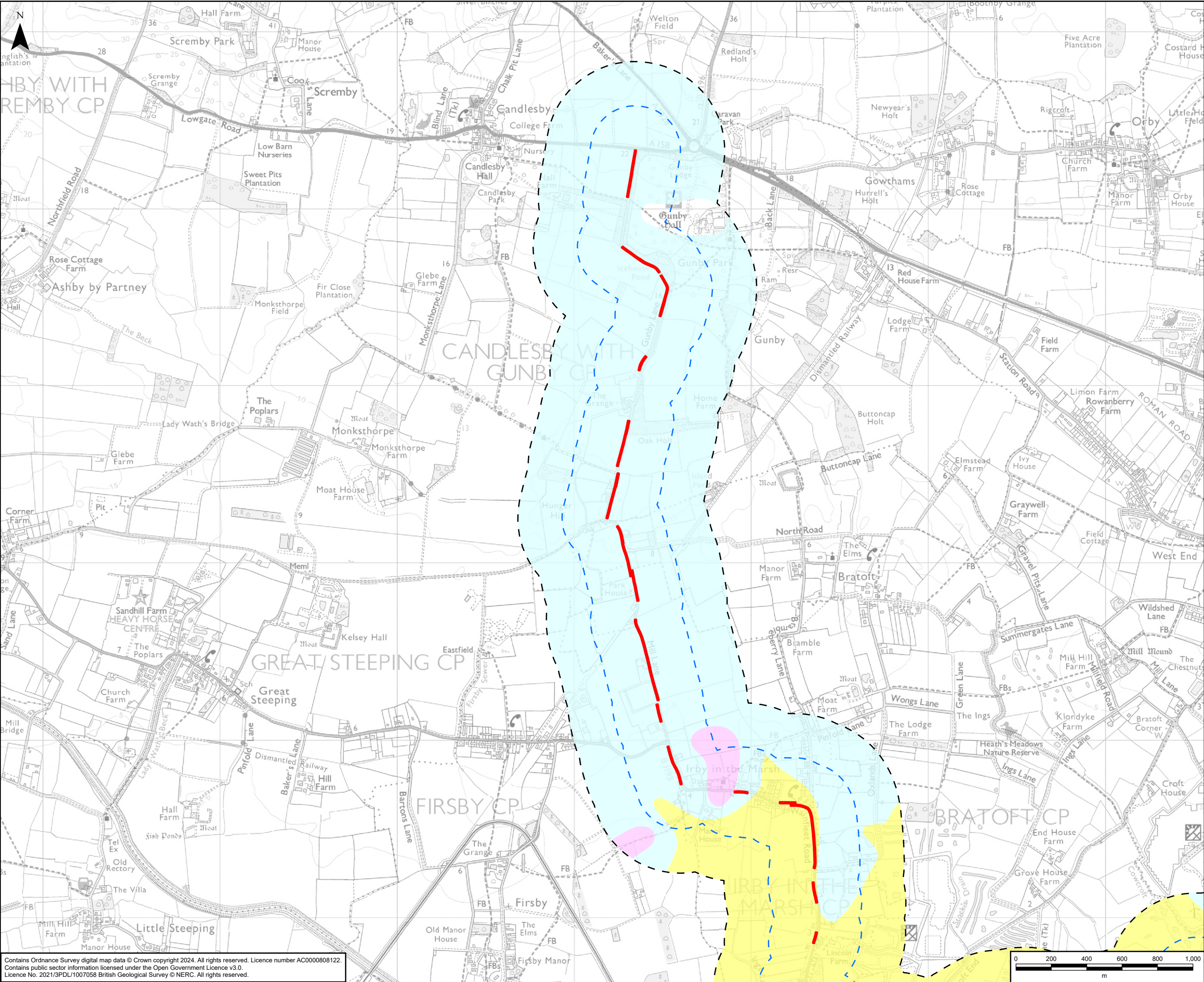


- Legend
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Superficial Geology (BGS 50k)
- Storm Beach Deposits - Sand and Gravel
 - Storm Beach Deposits - Sand and Silt
 - Tidal Flat Deposits - Clay and Silt
 - Till, Devensian - Diamicton

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GRIMSBY TO WALPOLE LEGEND

Legend

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Superficial Geology (BGS 50k)

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- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

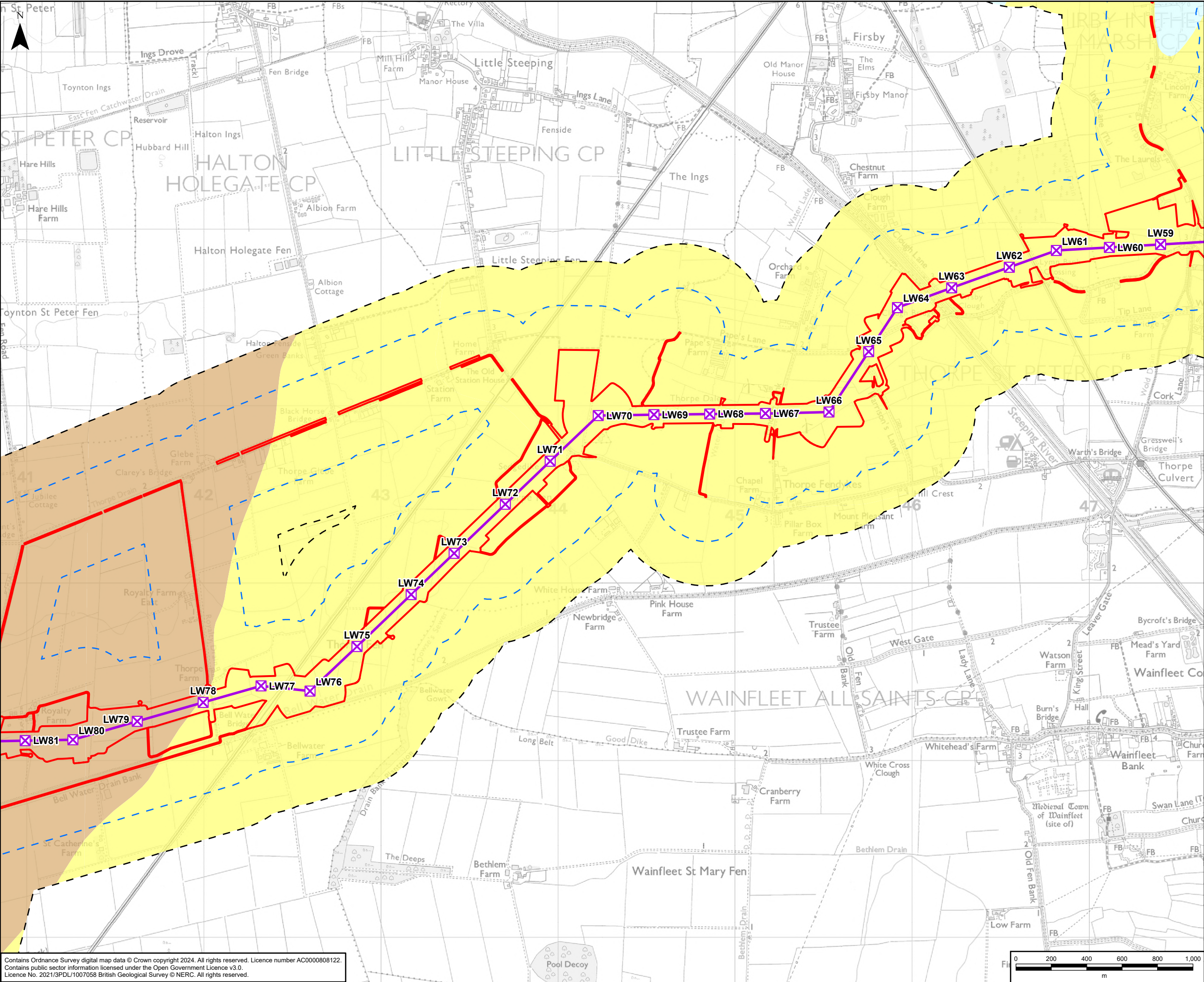
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Superficial Geology (BGS 50k)

- Peat
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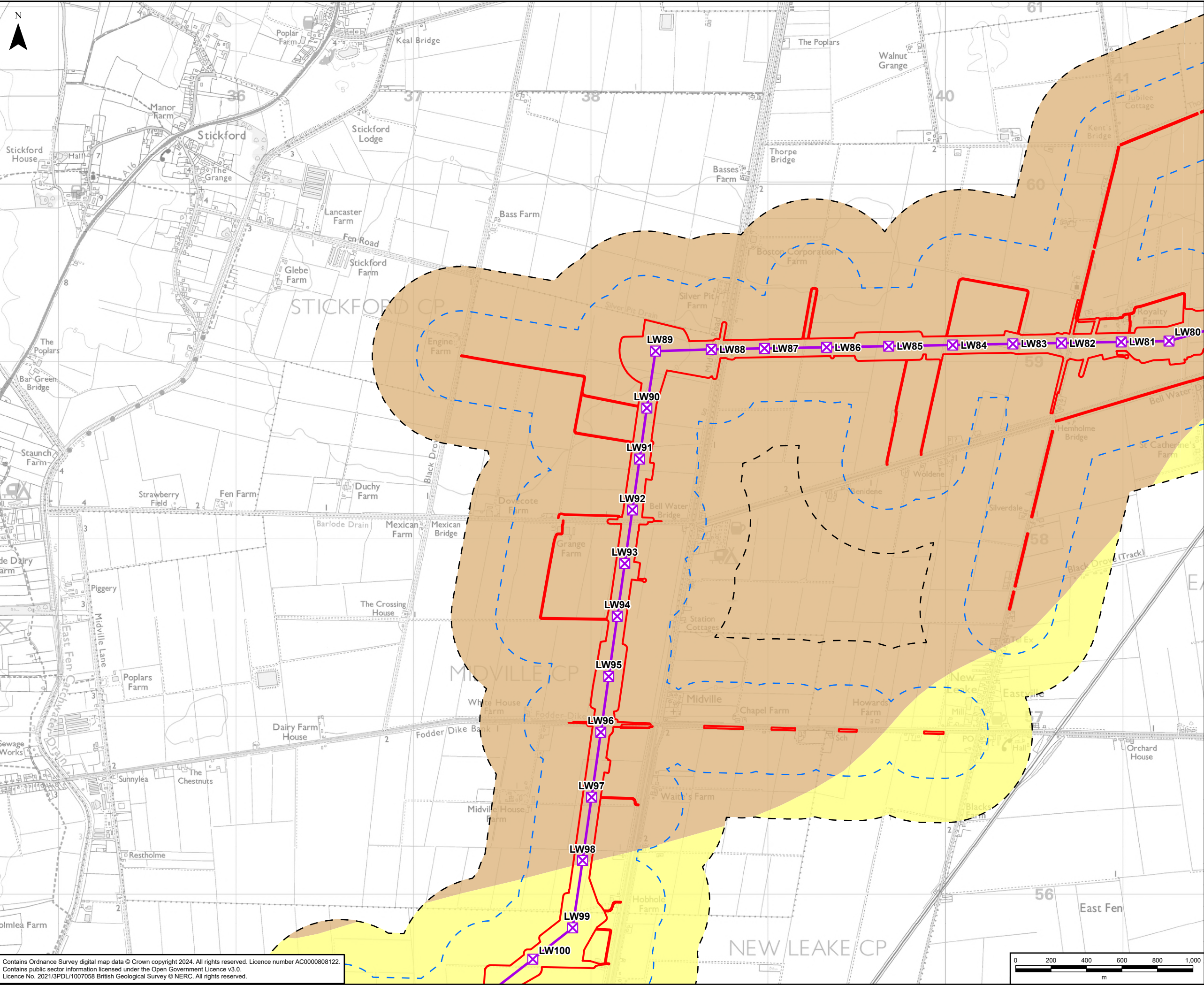
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- Indicative New Overhead Line

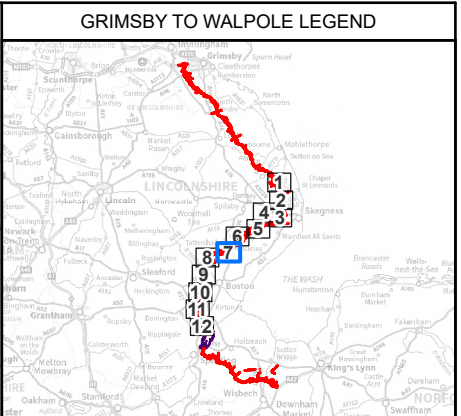
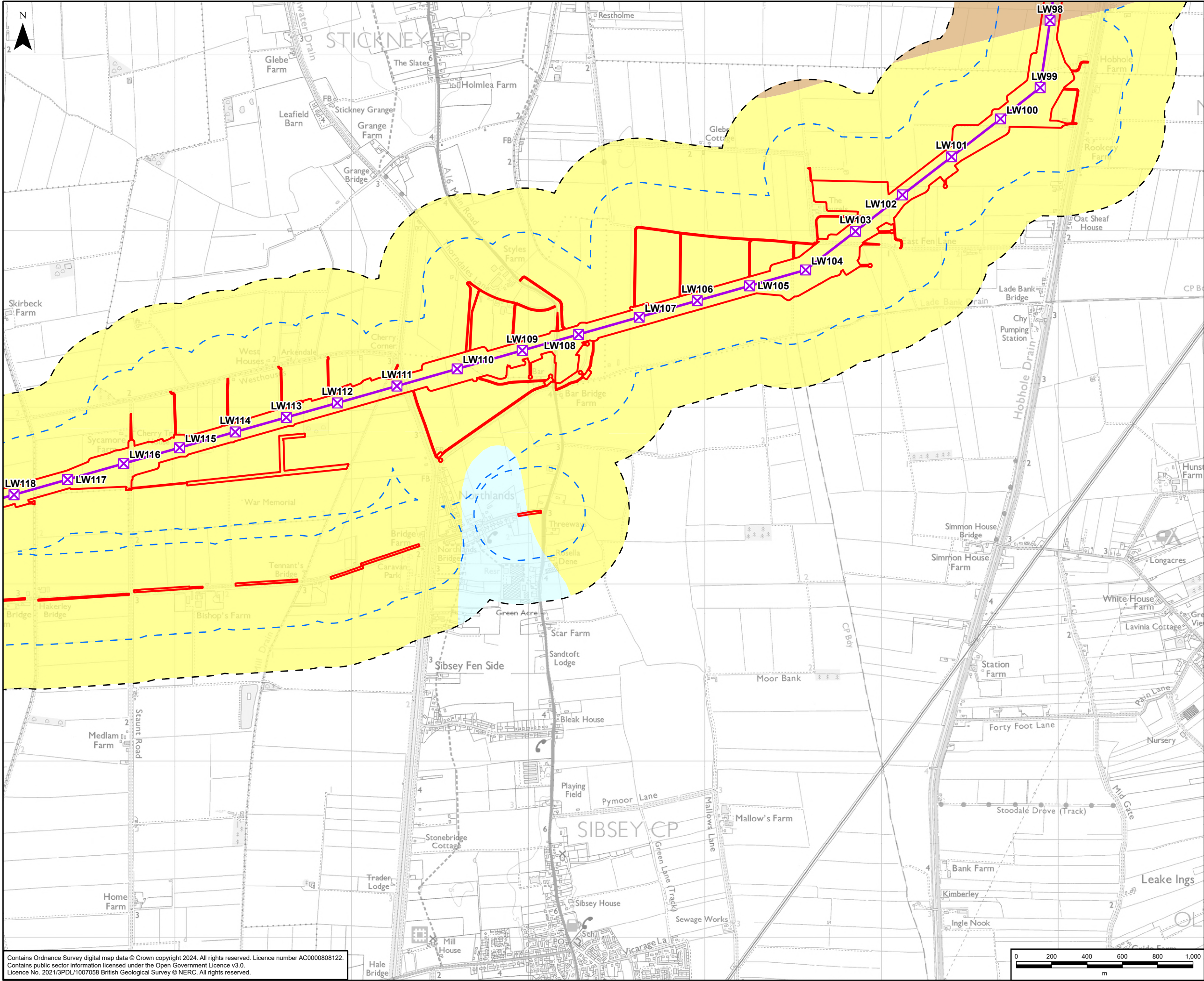
Superficial Geology (BGS 50k)

- Peat
- Tidal Flat Deposits - Clay and Silt

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GRIMSBY TO WALPOLE LEGEND

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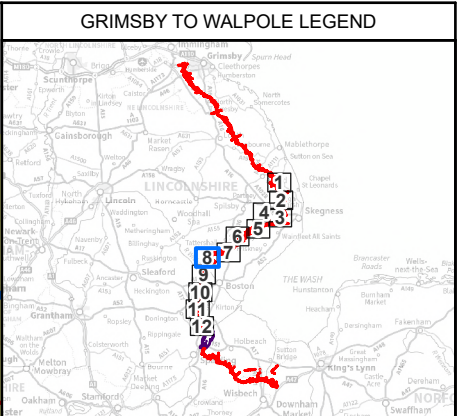
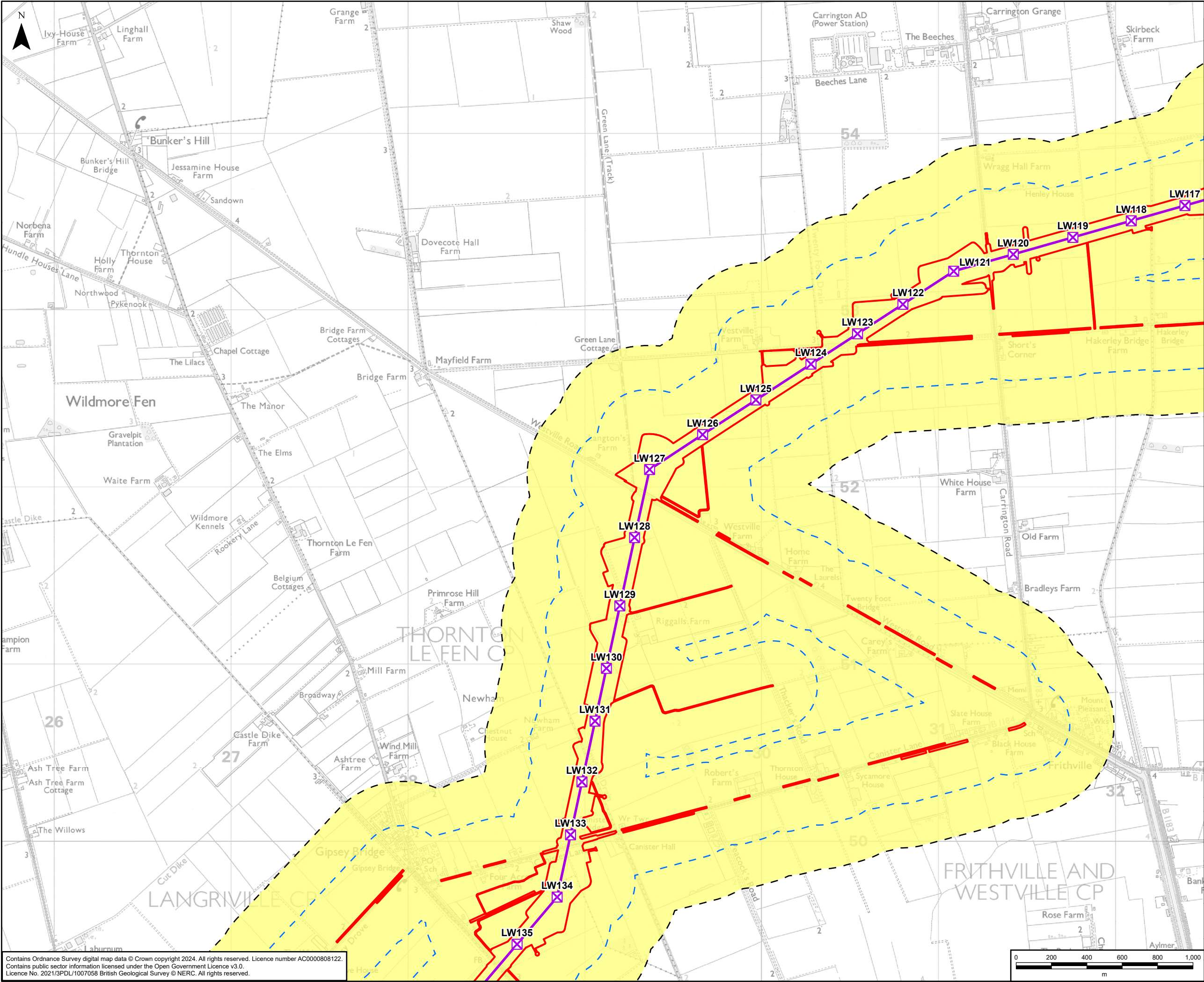
- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Superficial Geology (BGS 50k)

- Peat
- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

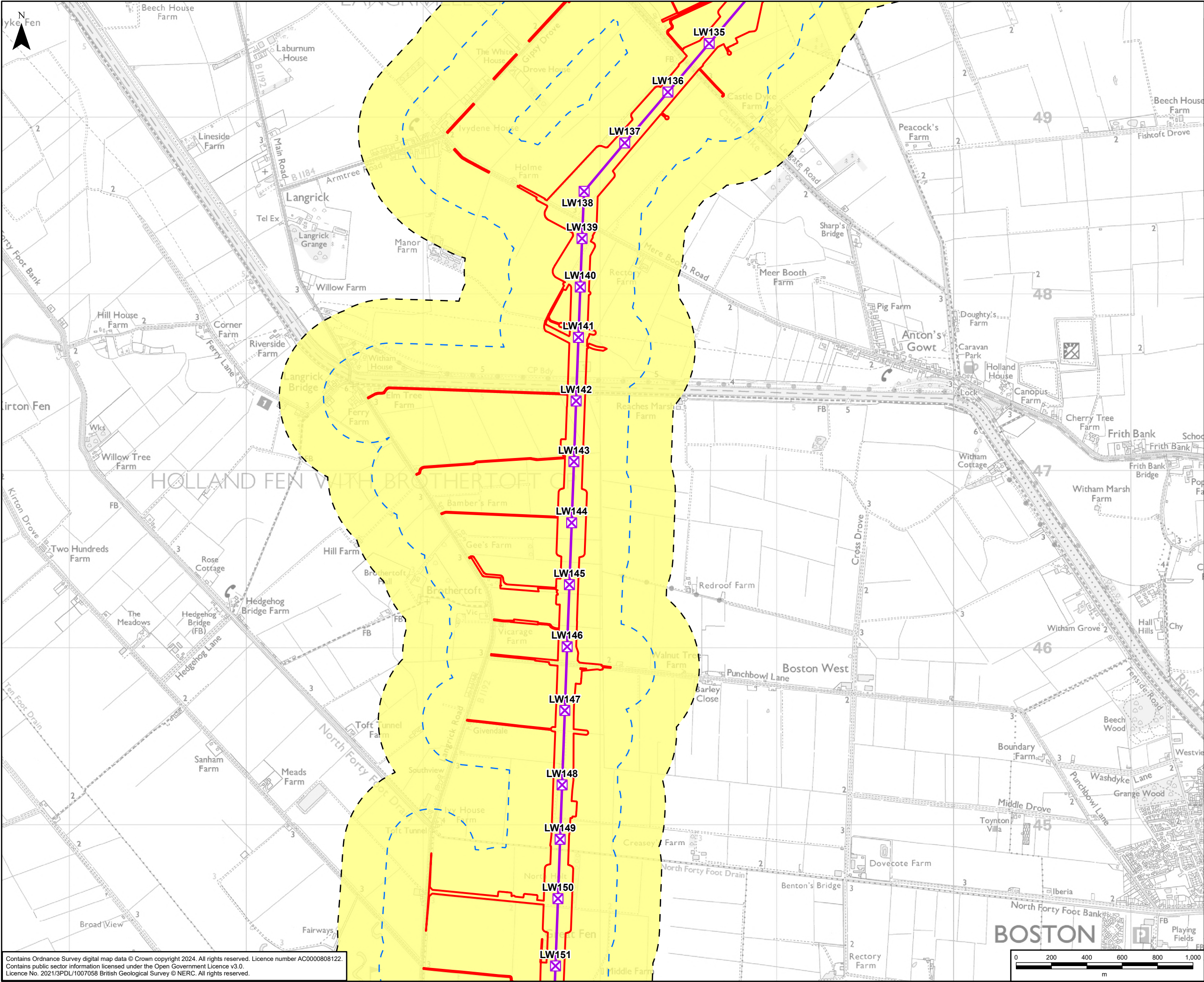
Superficial Geology (BGS 50k)

- Tidal Flat Deposits - Clay and Silt

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Superficial Geology (BGS 50k)

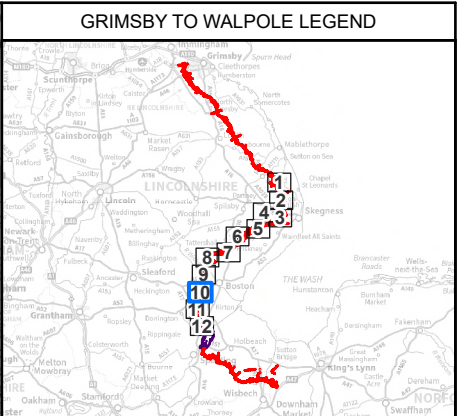
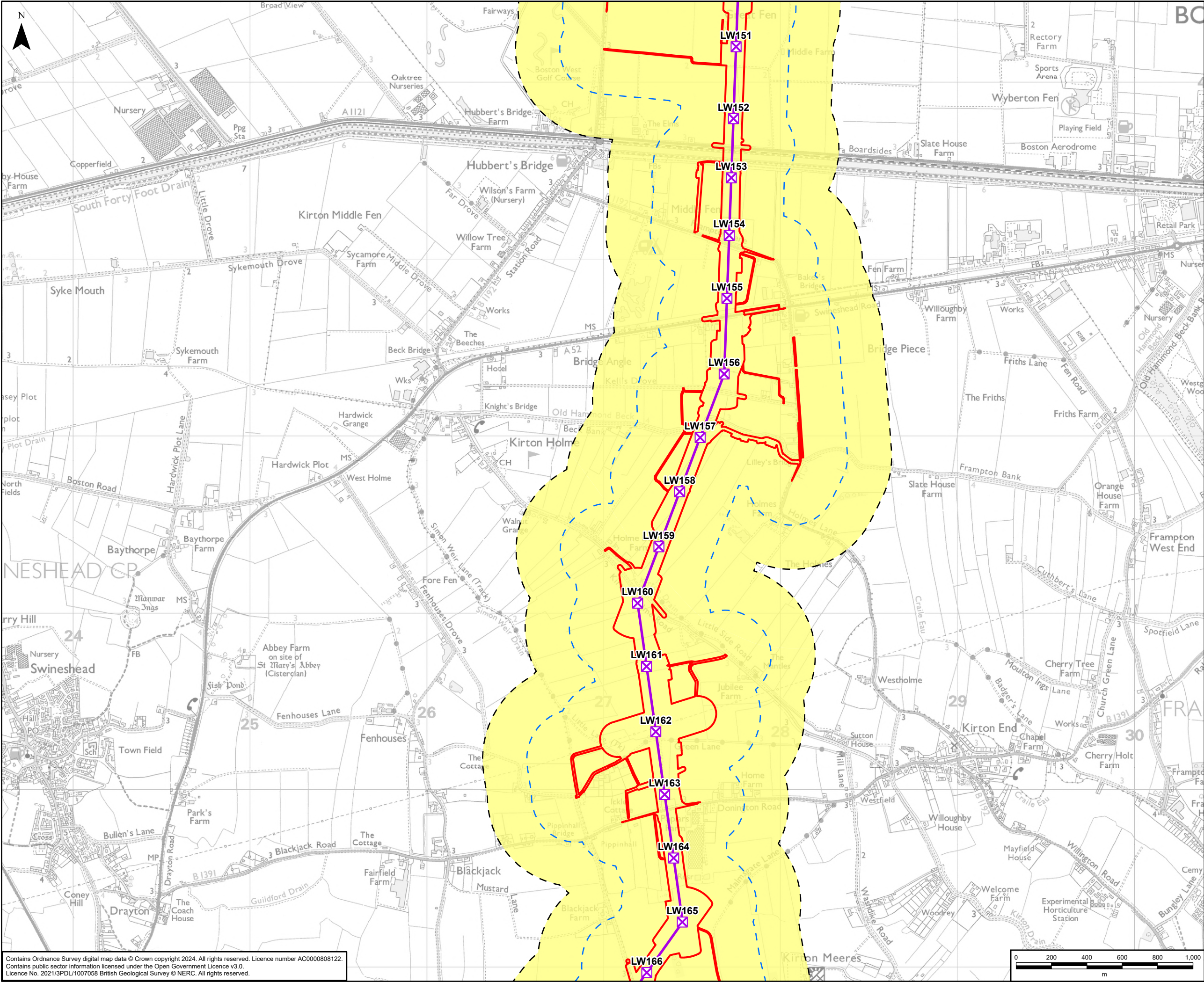
- Tidal Flat Deposits - Clay and Silt

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Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

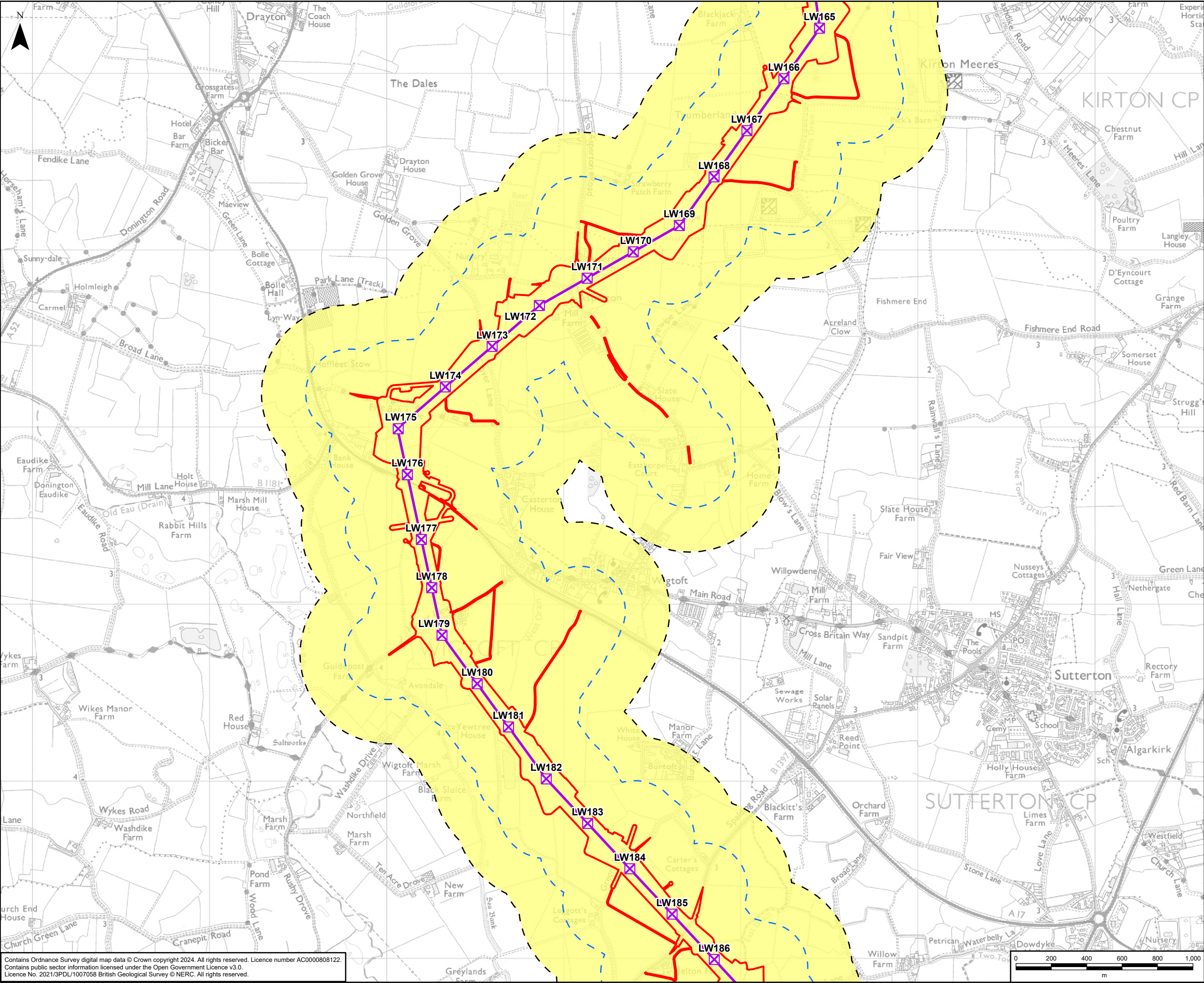
Superficial Geology (BGS 50k)

- Tidal Flat Deposits - Clay and Silt

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Superficial Geology (BGS 50k)

- Tidal Flat Deposits - Clay and Silt

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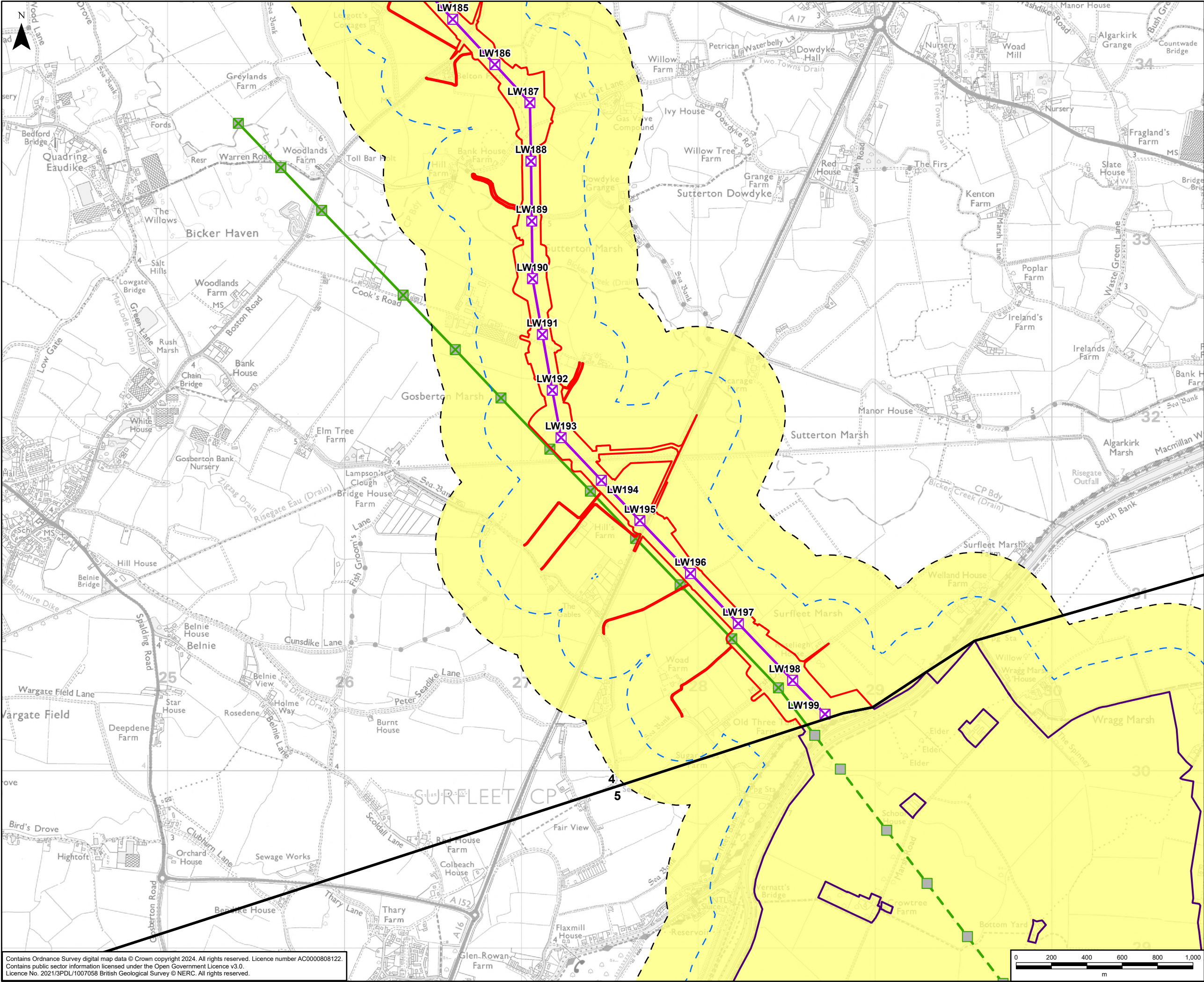
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

Superficial Geology (BGS 50k)

- Tidal Flat Deposits - Clay and Silt

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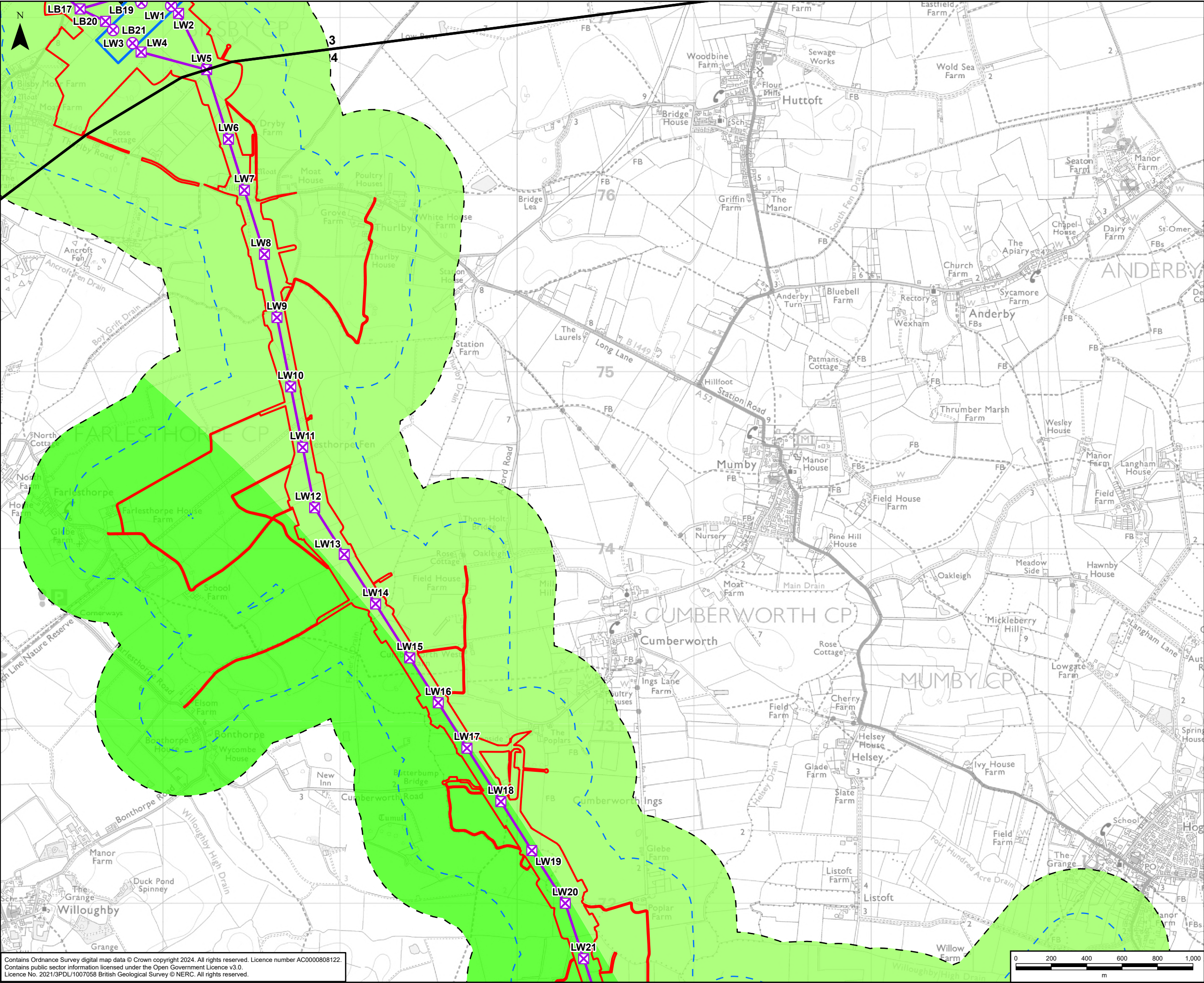
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route

Bedrock Geology (BGS 50k)

- Ferriby Chalk Formation - Chalk
- Welton Chalk Formation - Chalk

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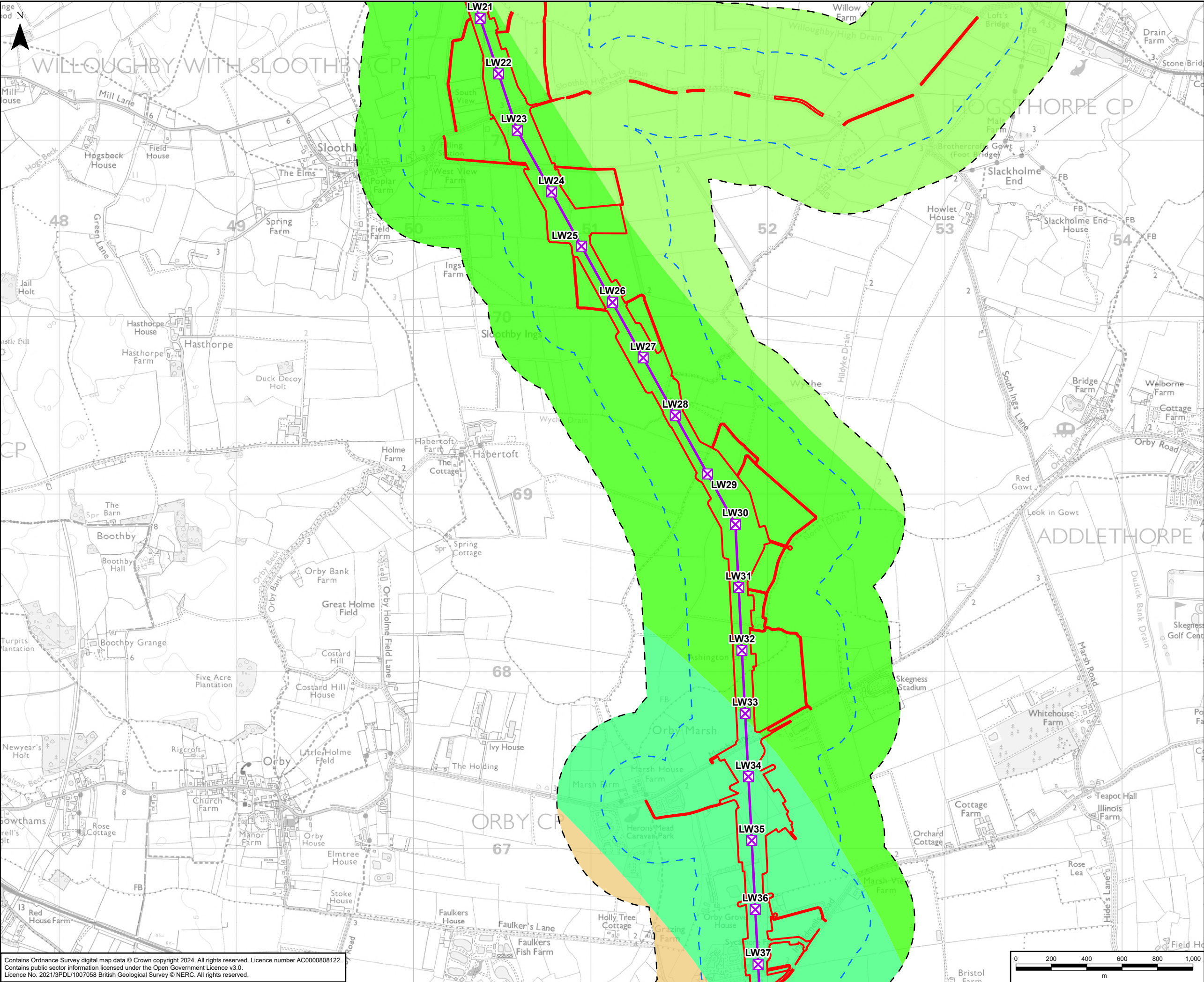
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Bedrock Geology (BGS 50k)

- Carstone Formation - Sandstone
- Claxby Ironstone Formation, Tealby Formation and Roach Formation (Undifferentiated) - Mudstone And Limestone, Interbedded
- Ferriby Chalk Formation - Chalk
- Welton Chalk Formation - Chalk

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Rev	Date	Description	GIS	Chk	App

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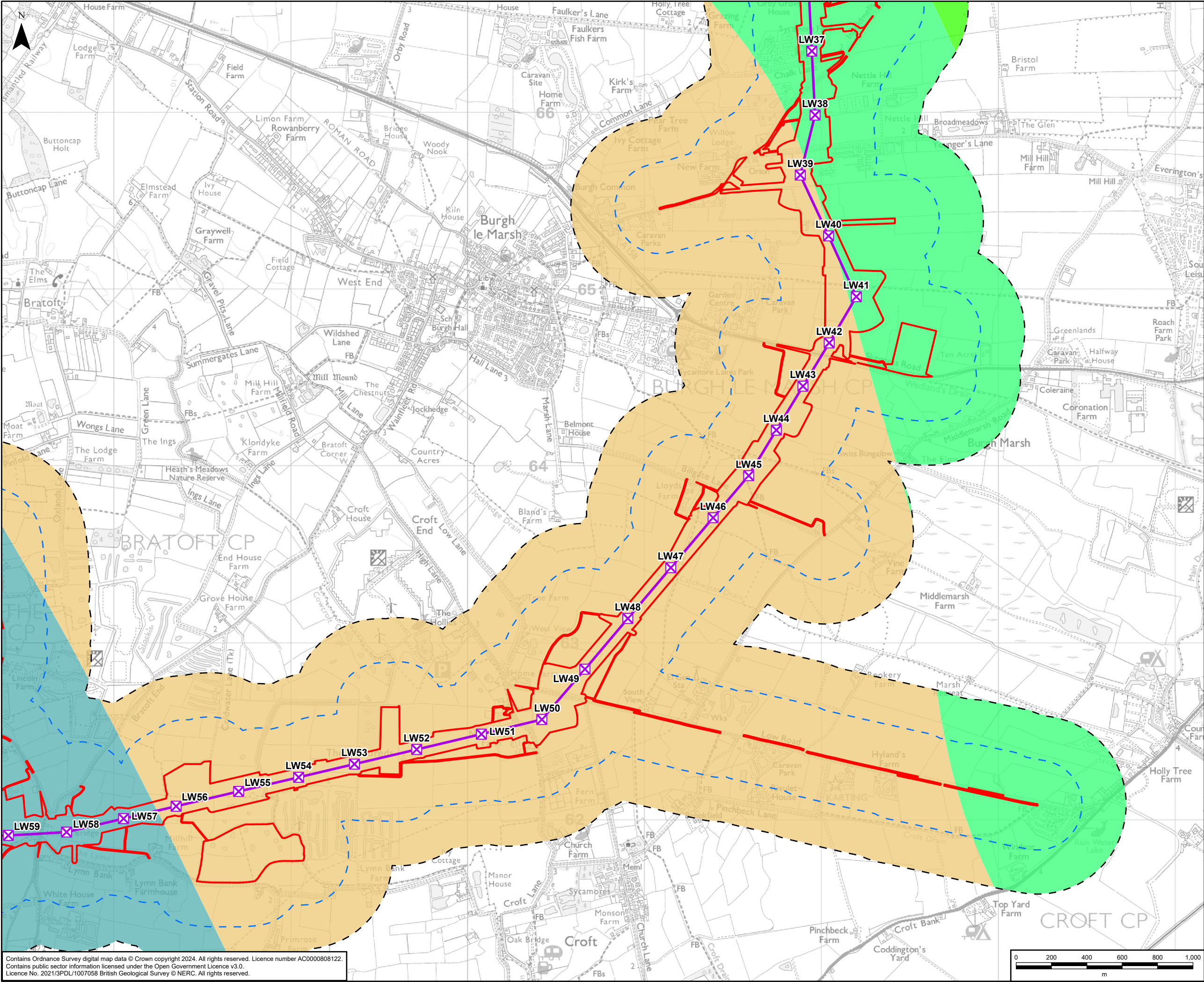
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Bedrock Geology (BGS 50k)

- Carstone Formation - Sandstone
- Claxby Ironstone Formation, Tealby Formation and Roach Formation (Undifferentiated) - Mudstone And Limestone, Interbedded
- Ferriby Chalk Formation - Chalk
- Spilsby Sandstone Formation - Sandstone

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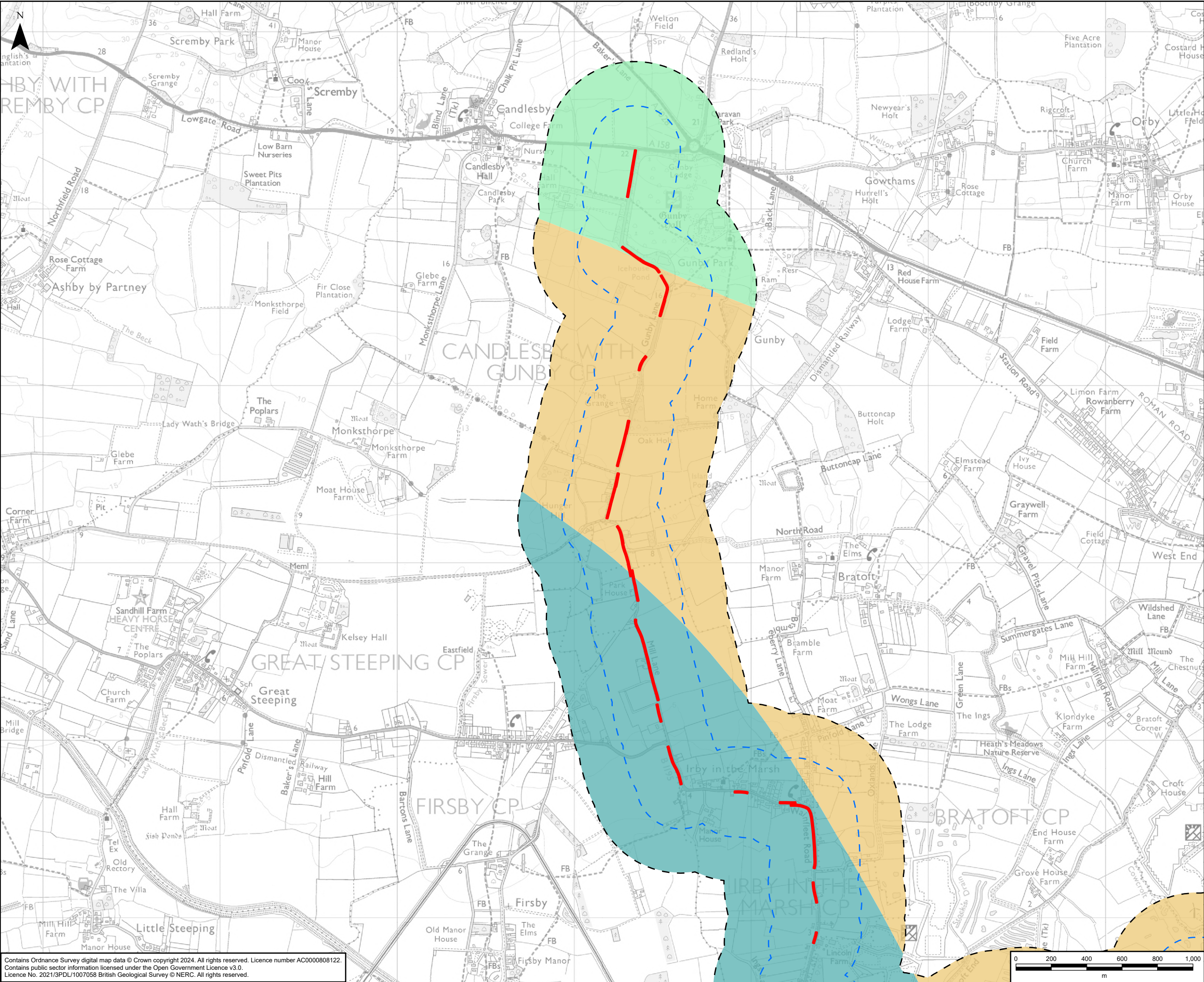
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area

Bedrock Geology (BGS 50k)

- Claxby Ironstone Formation, Tealby Formation and Roach Formation (Undifferentiated) - Mudstone And Limestone, Interbedded
- Roach Formation - Mudstone and Limestone, Interbedded
- Spilsby Sandstone Formation - Sandstone

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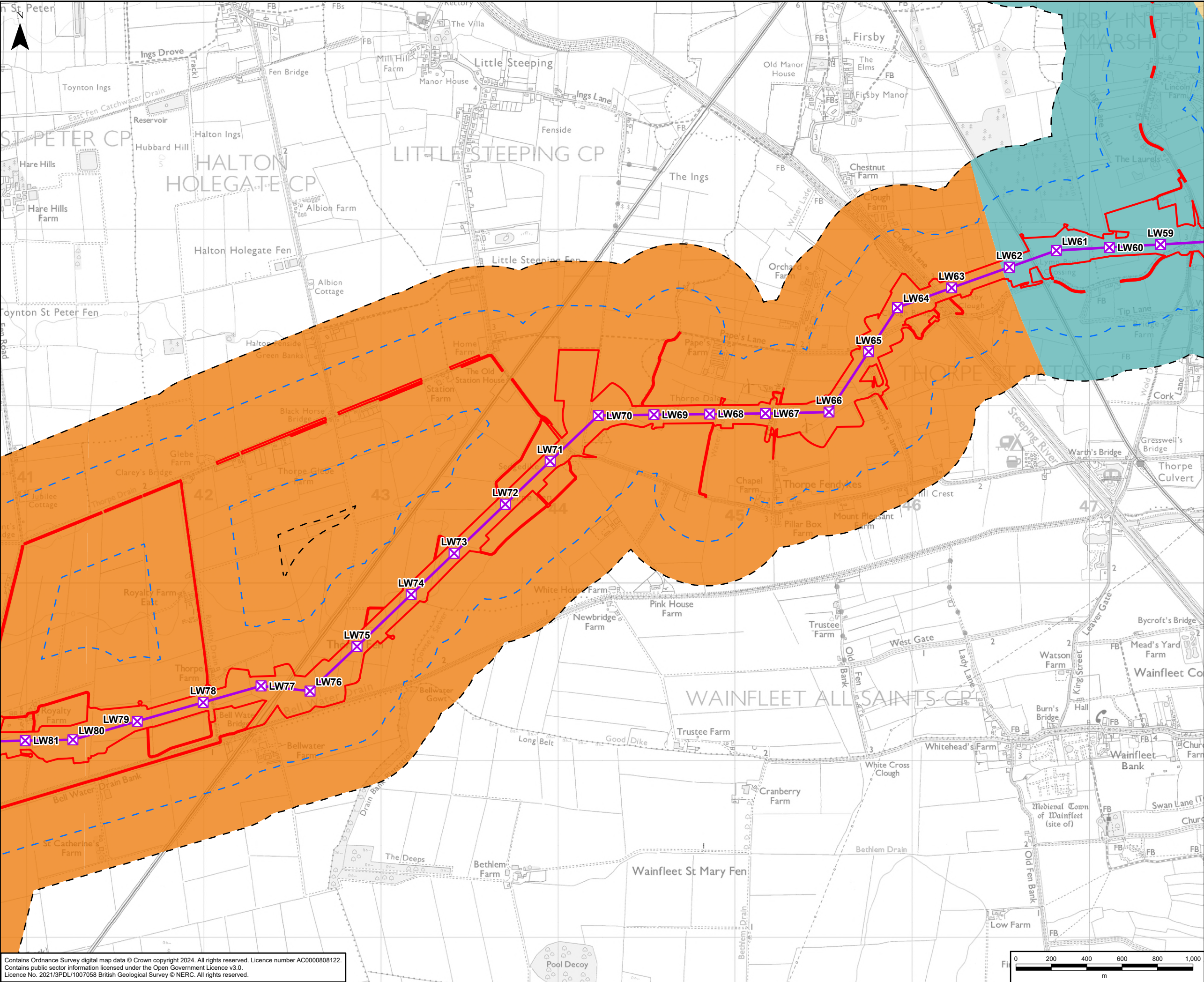
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Bedrock Geology (BGS 50k)

- Claxby Ironstone Formation, Tealby Formation and Roach Formation (Undifferentiated) - Mudstone And Limestone, Interbedded
- Kimmeridge Clay Formation - Mudstone
- Spilsby Sandstone Formation - Sandstone

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Rev	Date	Description	GIS	Chk	App

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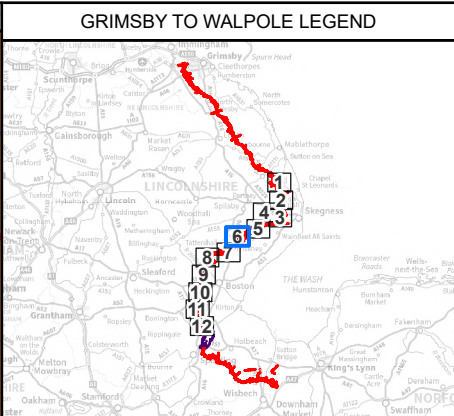
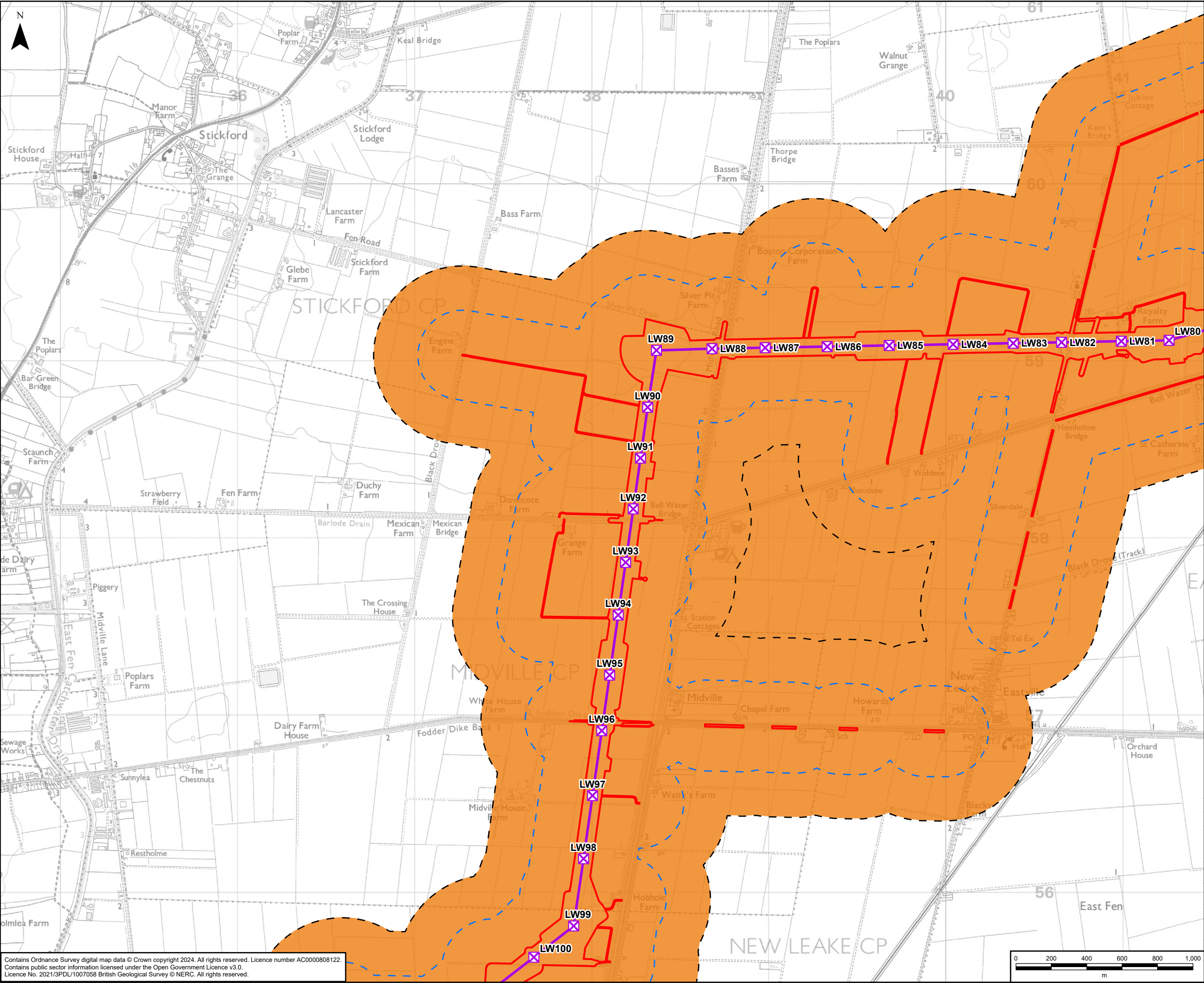
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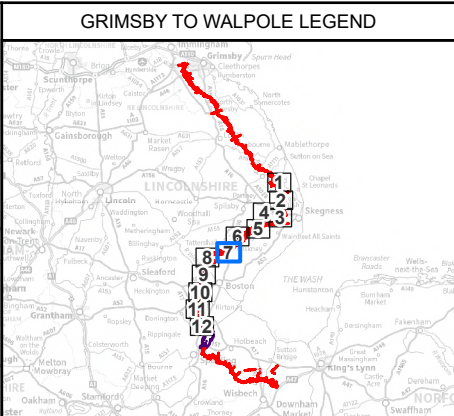
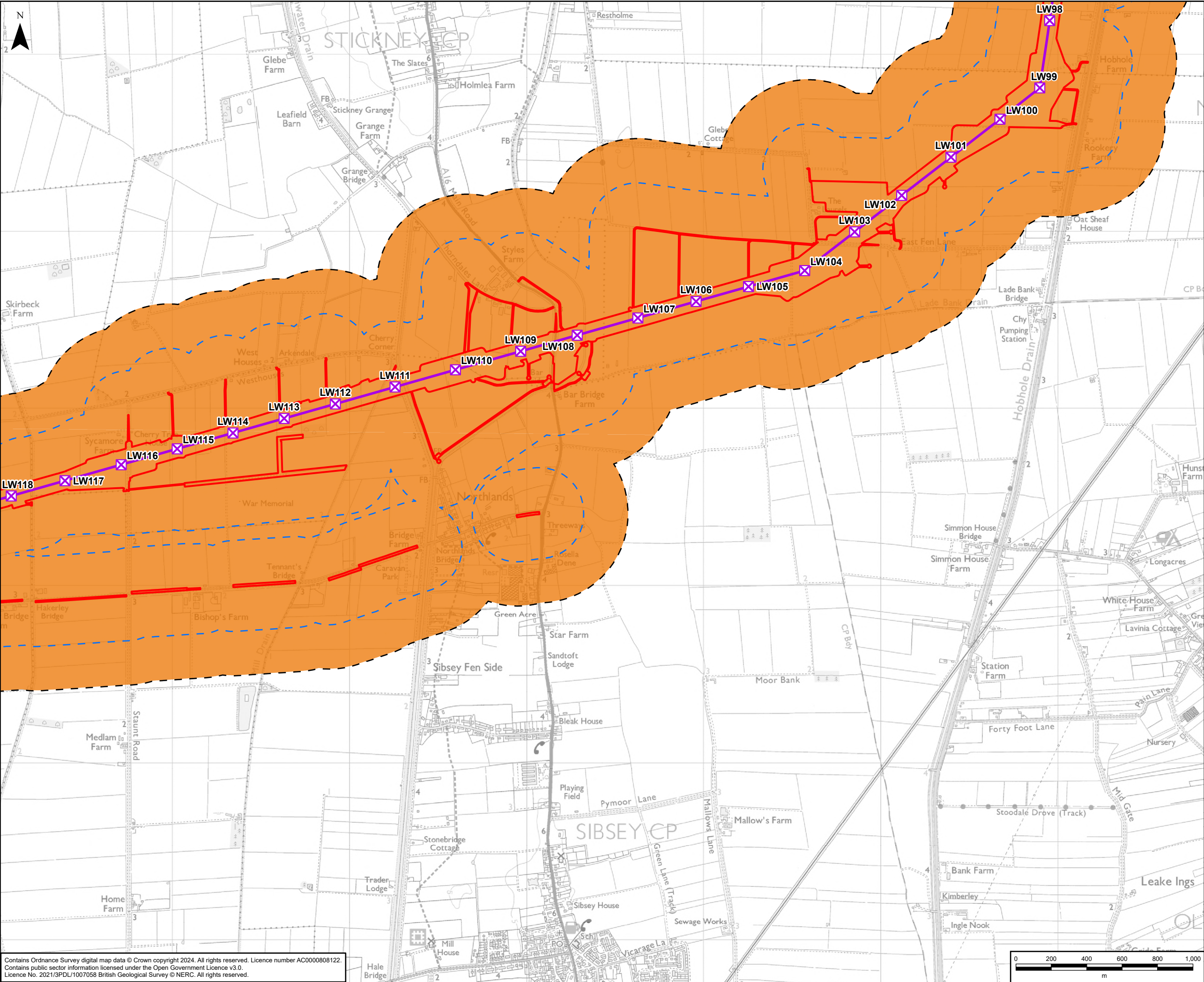
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- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - ✕ Indicative New Lattice Pylon
 - Indicative New Overhead Line
 - Bedrock Geology (BGS 50k)
 - Kimmeridge Clay Formation - Mudstone

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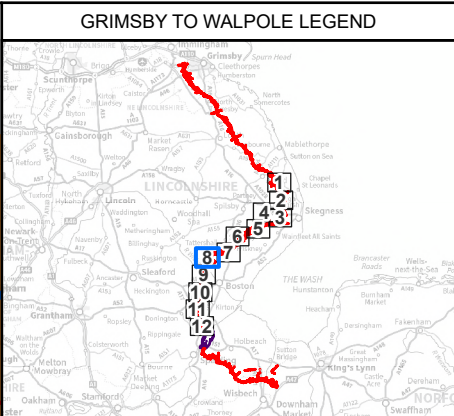
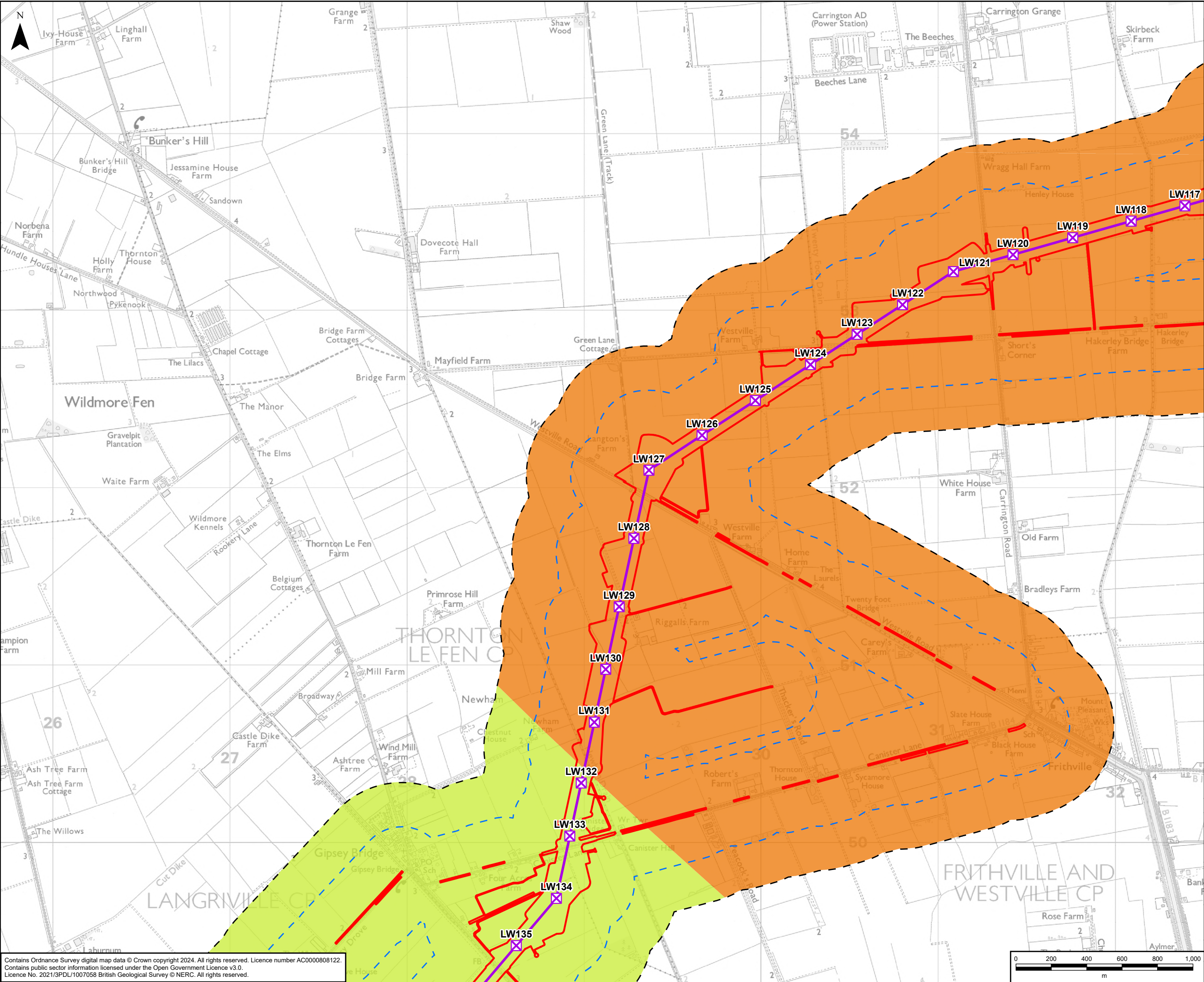
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- Legend
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Bedrock Geology (BGS 50k)
- Kimmeridge Clay Formation - Mudstone

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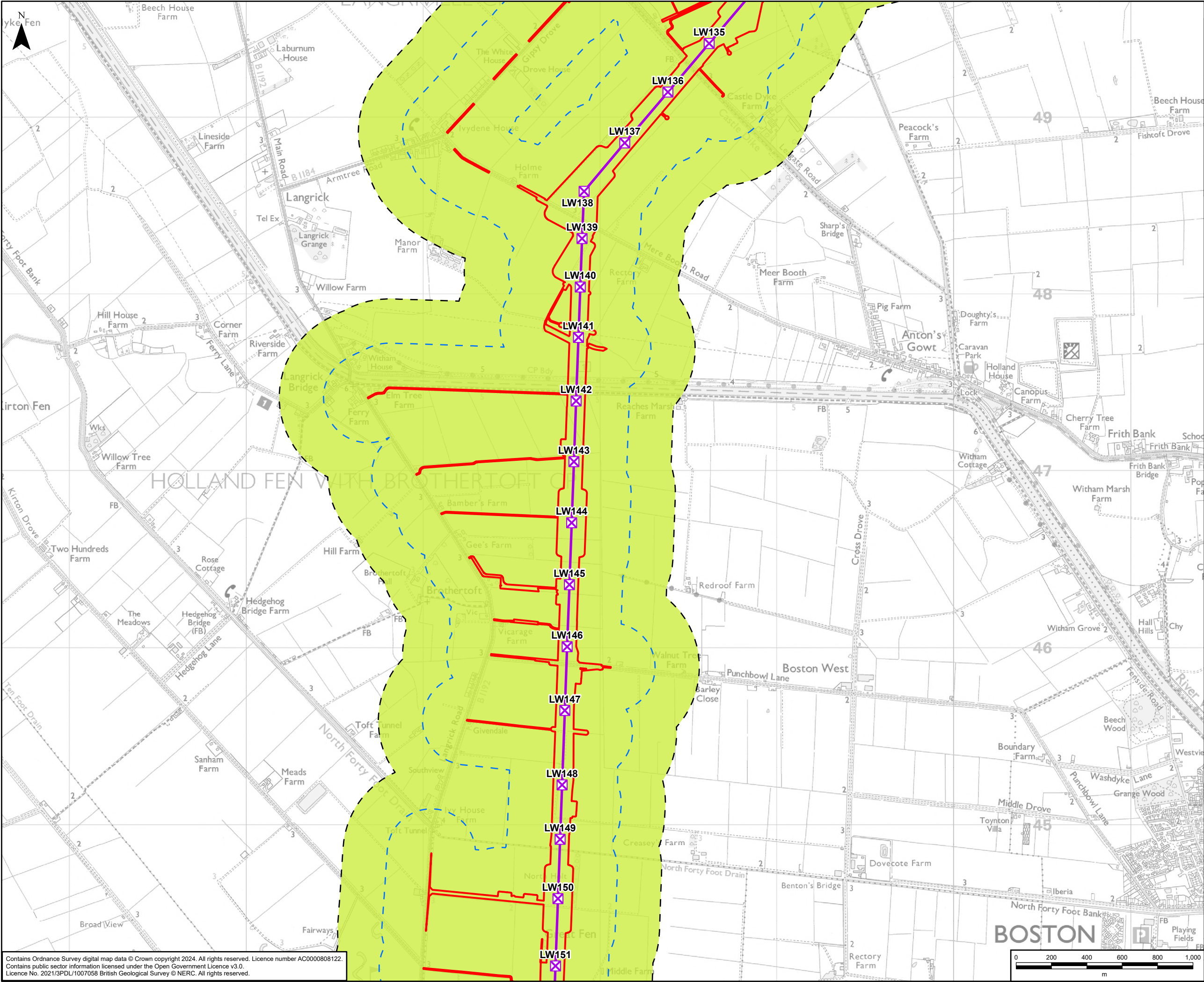
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- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Bedrock Geology (BGS 50k)**
- Amphill Clay Formation - Mudstone
 - Kimmeridge Clay Formation - Mudstone

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Bedrock Geology (BGS 50k)

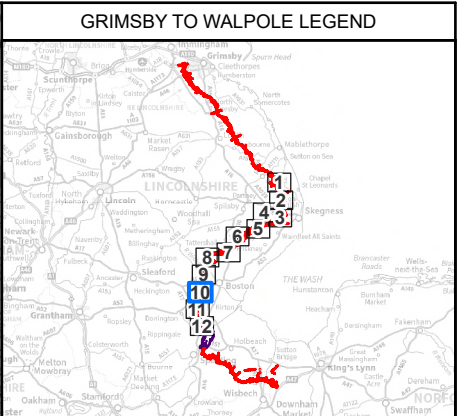
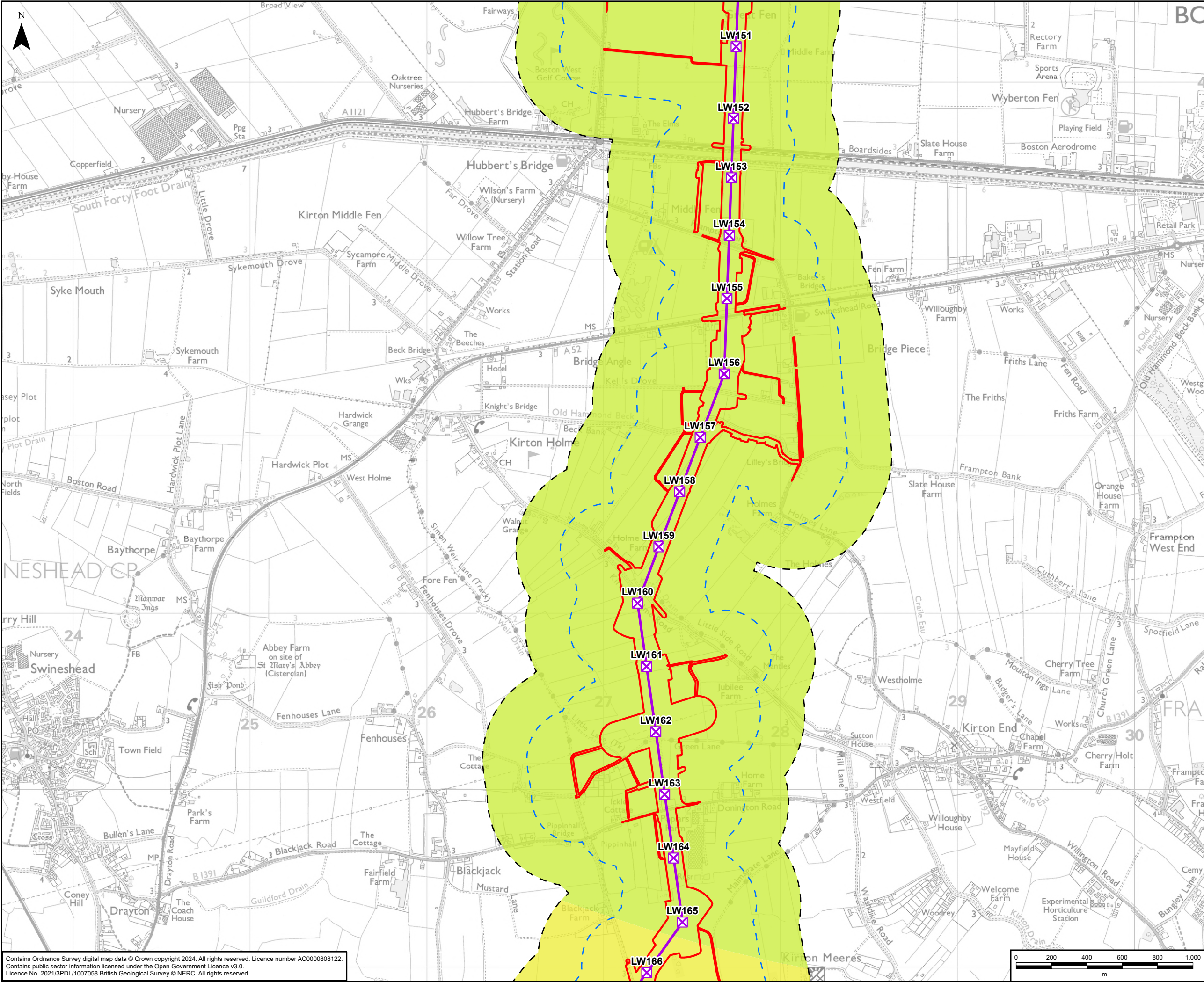
- Amphill Clay Formation - Mudstone

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

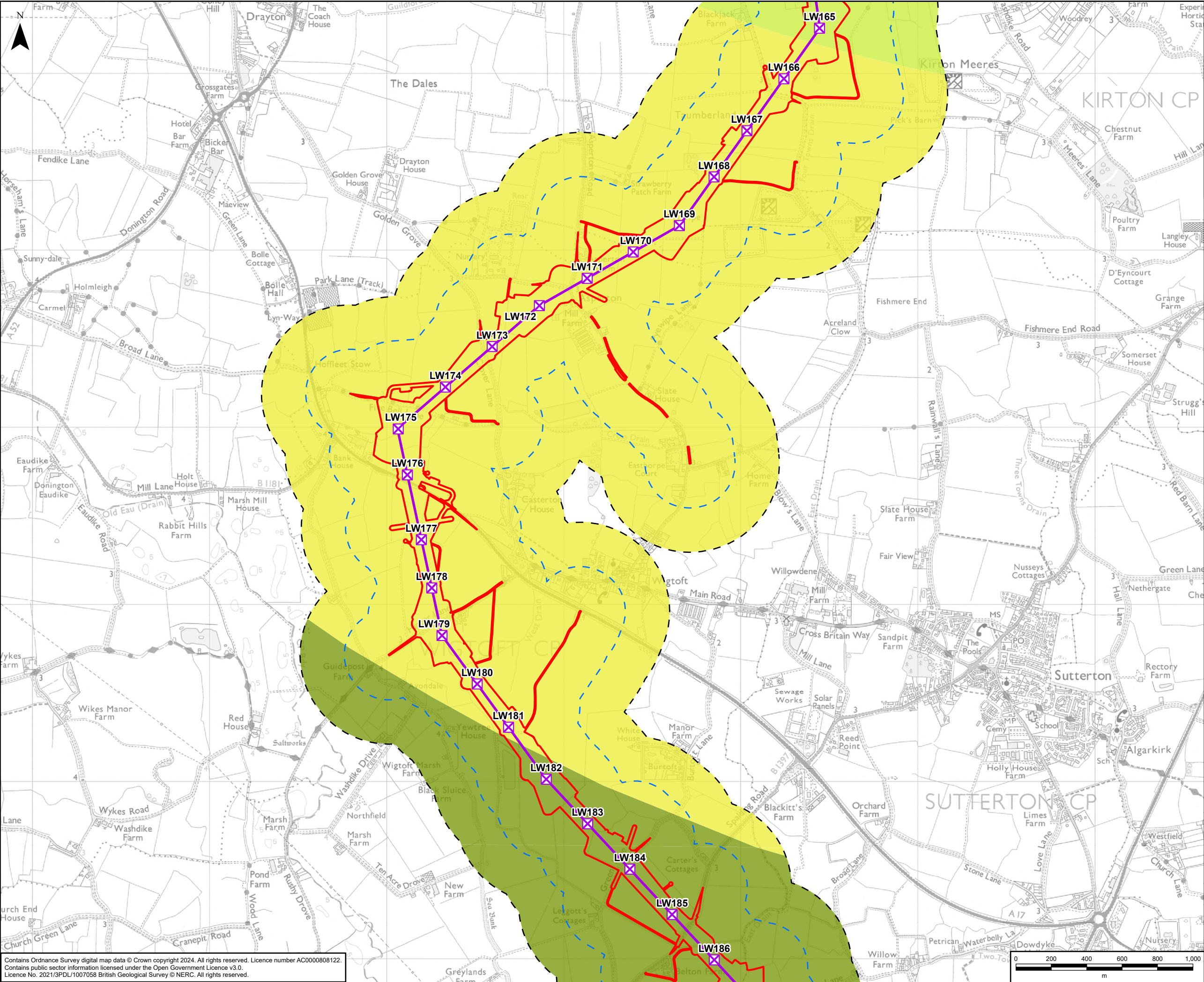
Bedrock Geology (BGS 50k)

- Amphill Clay Formation - Mudstone
- West Walton Formation - Mudstone and Siltstone

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Bedrock Geology (BGS 50k)

- Amphill Clay Formation - Mudstone
- Oxford Clay Formation - Mudstone
- West Walton Formation - Mudstone and Siltstone

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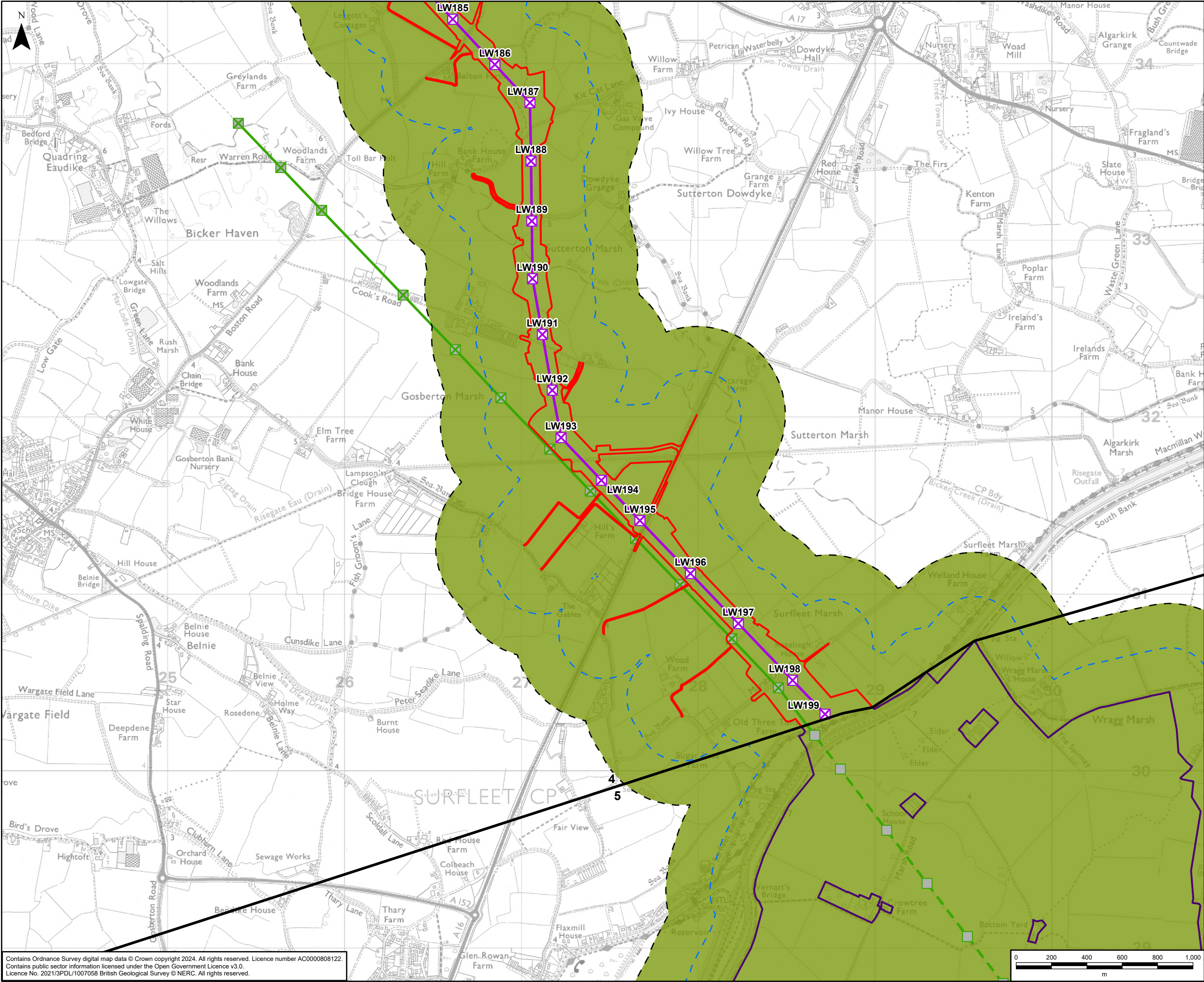
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.3
BEDROCK GEOLOGY

Creator: LC	Date: 08/04/2025	Checker: SG	Date: 08/04/2025	Approver: DR	Date: 08/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 11 OF 12	Rev: A	

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

Bedrock Geology (BGS 50k)

- Oxford Clay Formation - Mudstone

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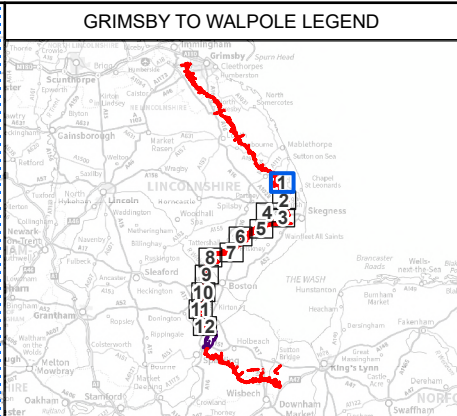
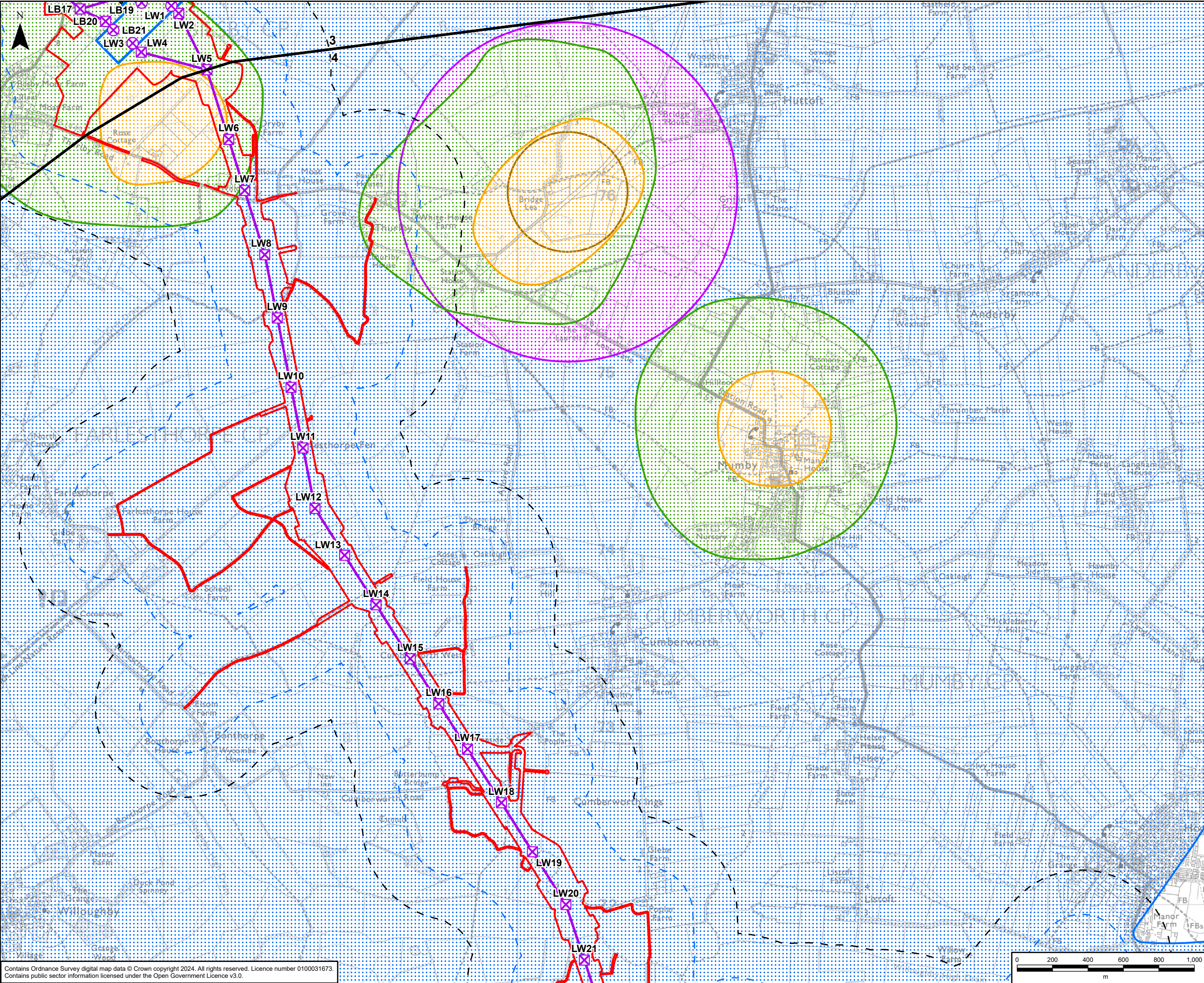
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.3
BEDROCK GEOLOGY

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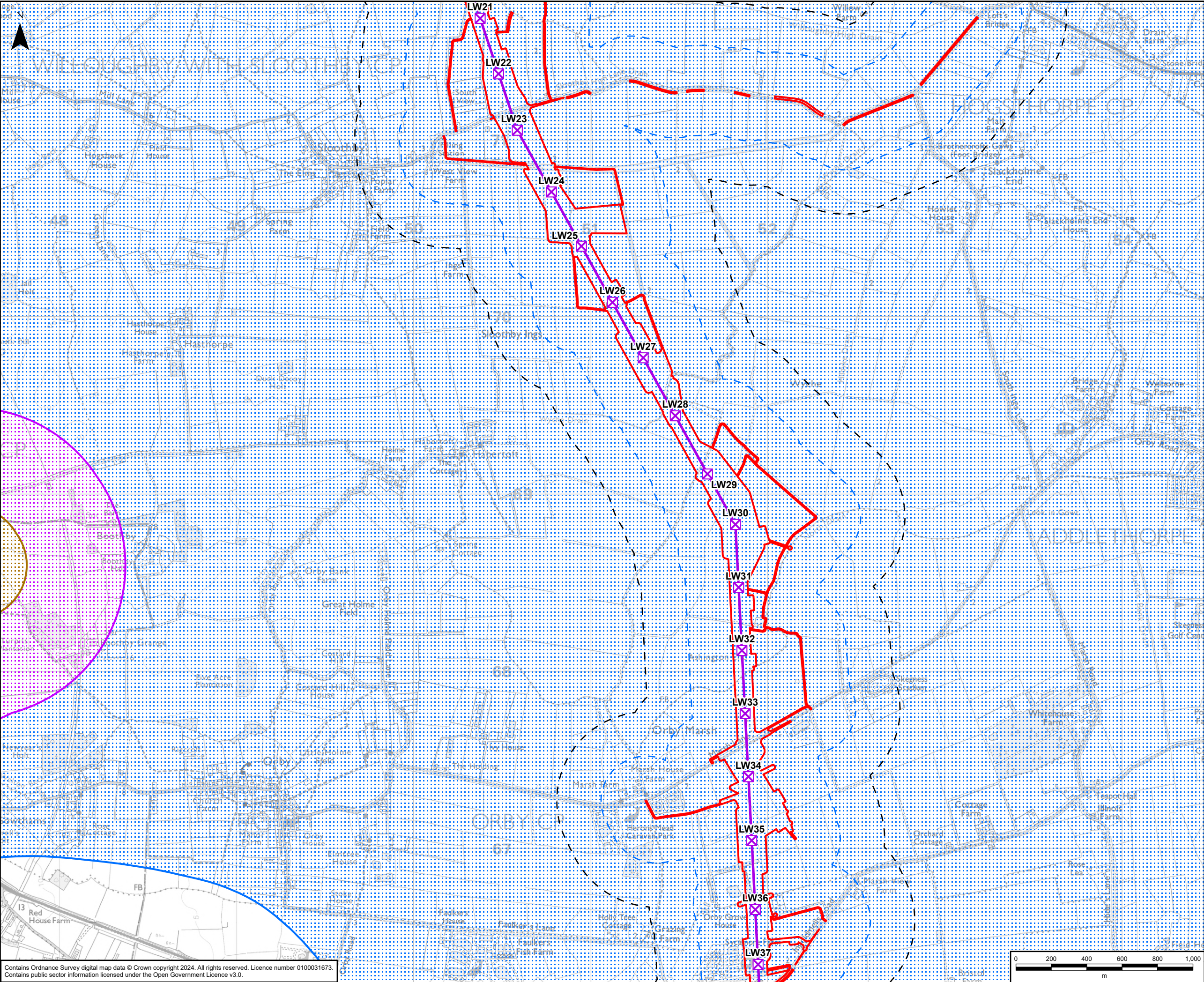
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- Legend**
- Draft Order Limits
 - Route Section Break
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Gantry
 - Indicative New Overhead Line
 - Indicative New Substation Boundary
 - Indicative Permanent Substation Access Route
- Source Protection Zone**
- Zone 1
 - Zone 1c
 - Zone 2
 - Zone 2c
 - Zone 3

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Purpose:		PEI REPORT - SECTION 4			
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Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	08/04/2025	SG	08/04/2025	DR	08/04/2025
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GRIMSBY TO WALPOLE LEGEND

Draft Order Limits

250m Study Area

500m Study Area

Indicative New Lattice Pylon

Indicative New Overhead Line

Source Protection Zone

Zone 1c

Zone 2c

Zone 3

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Purpose:

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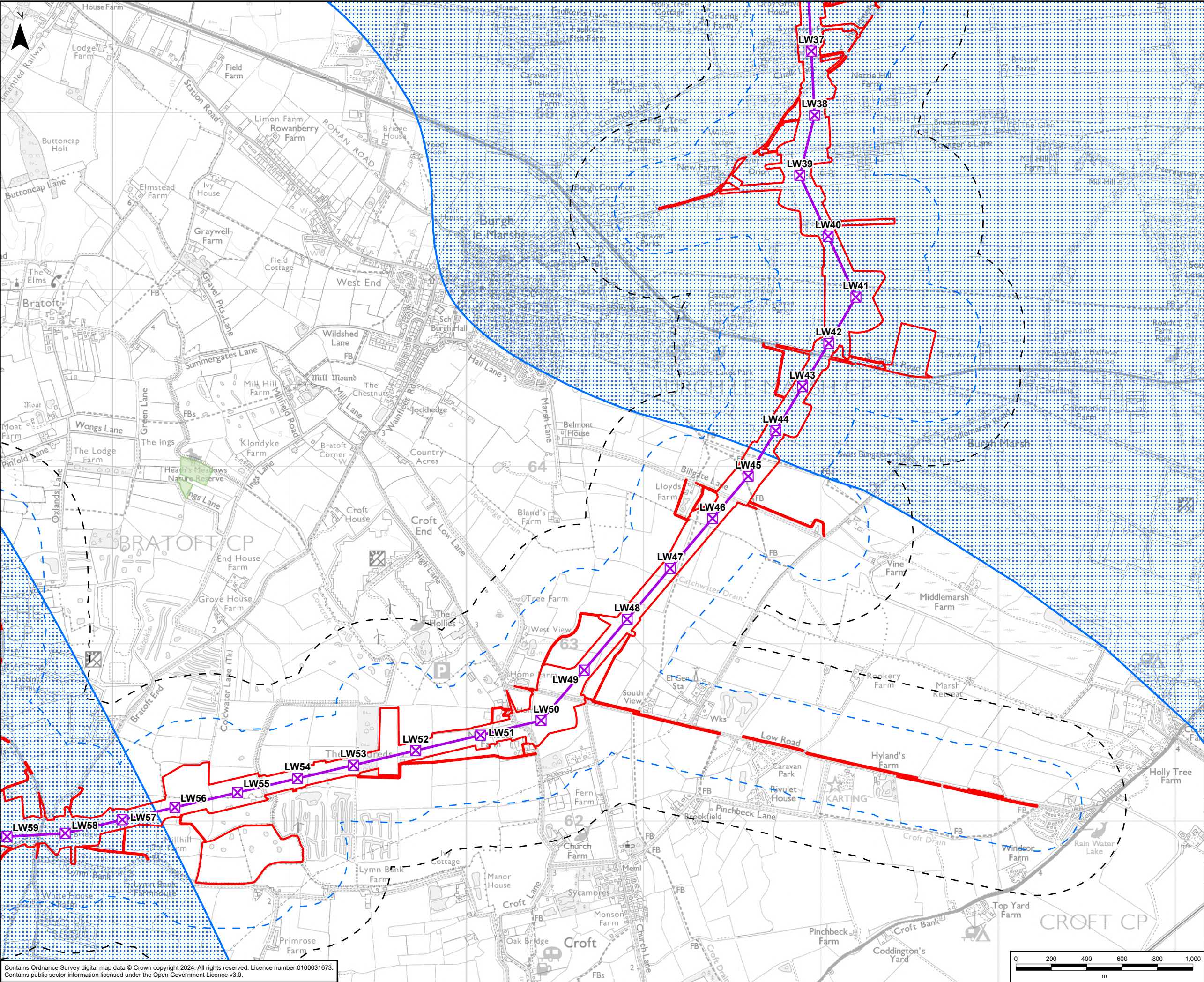
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GROUNDWATER SOURCE PROTECTION ZONES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Groundwater Dependent Terrestrial Ecosystem
- Source Protection Zone
- Zone 3

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Purpose:

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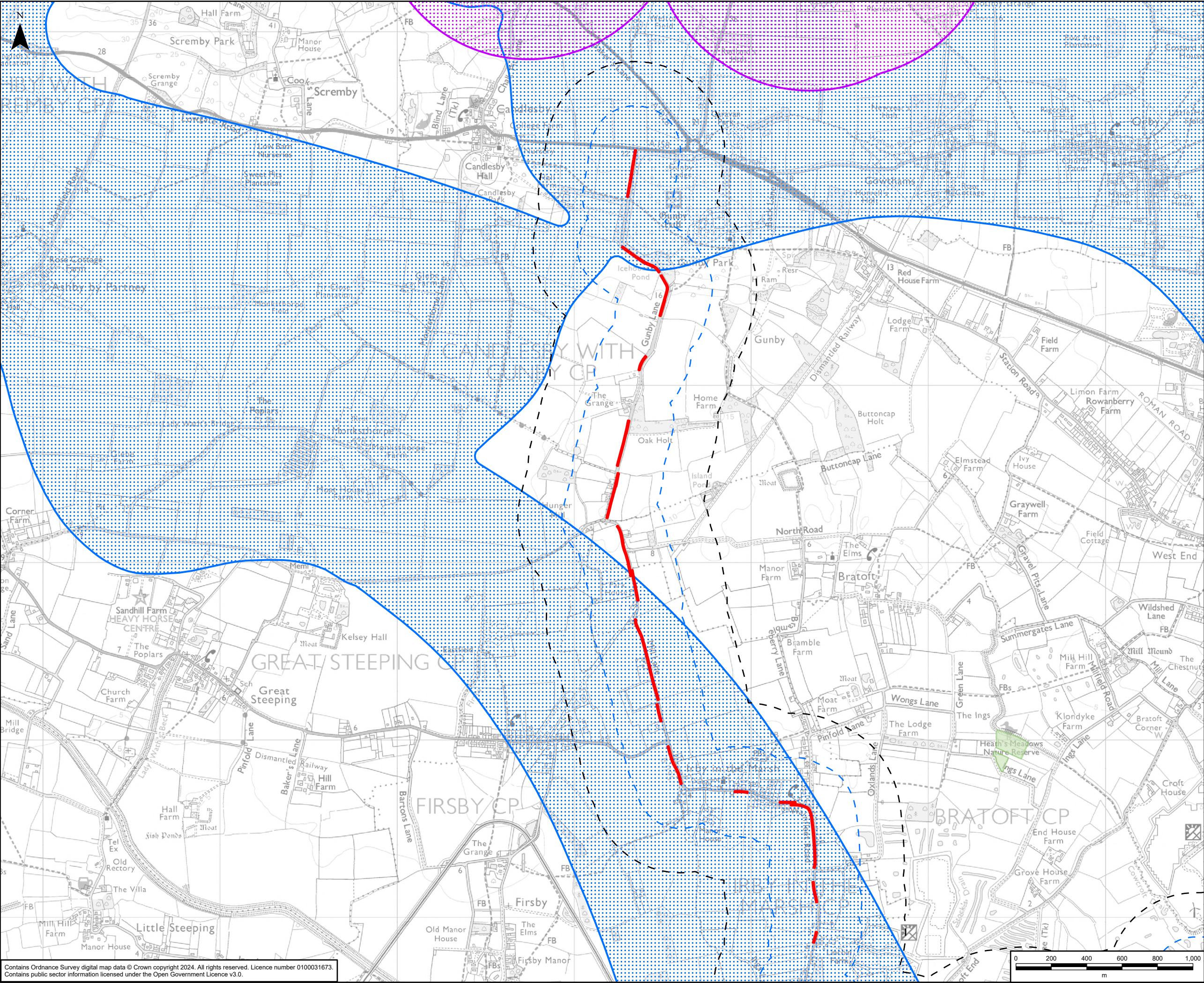
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GROUNDWATER SOURCE PROTECTION ZONES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Groundwater Dependent Terrestrial Ecosystem
- Source Protection Zone
- Zone 2c
- Zone 3

A	08/04/2025	First Issue	LC	SG	DR
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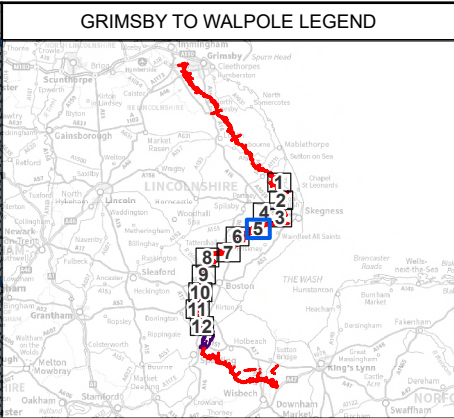
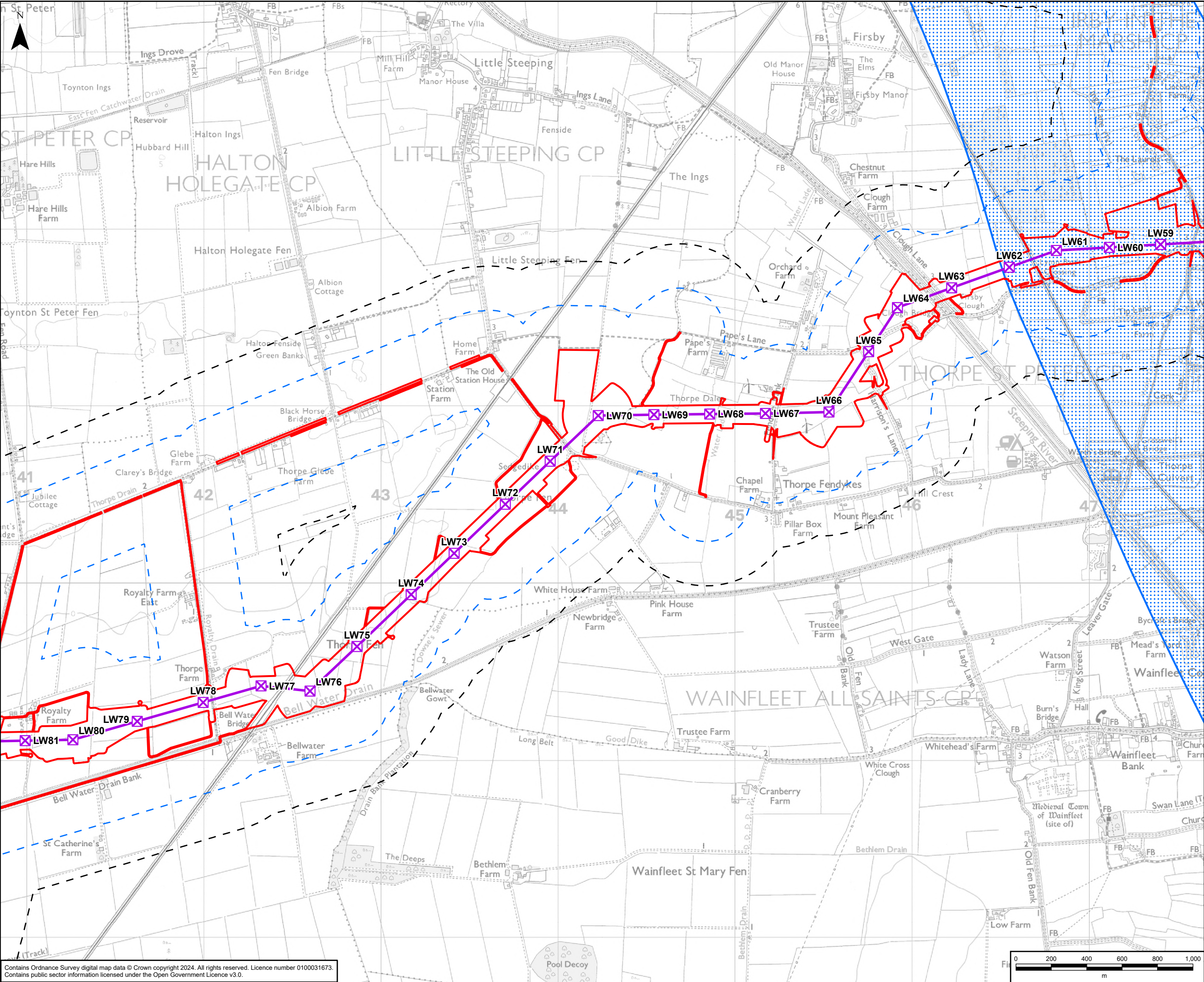
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GROUNDWATER SOURCE PROTECTION ZONES

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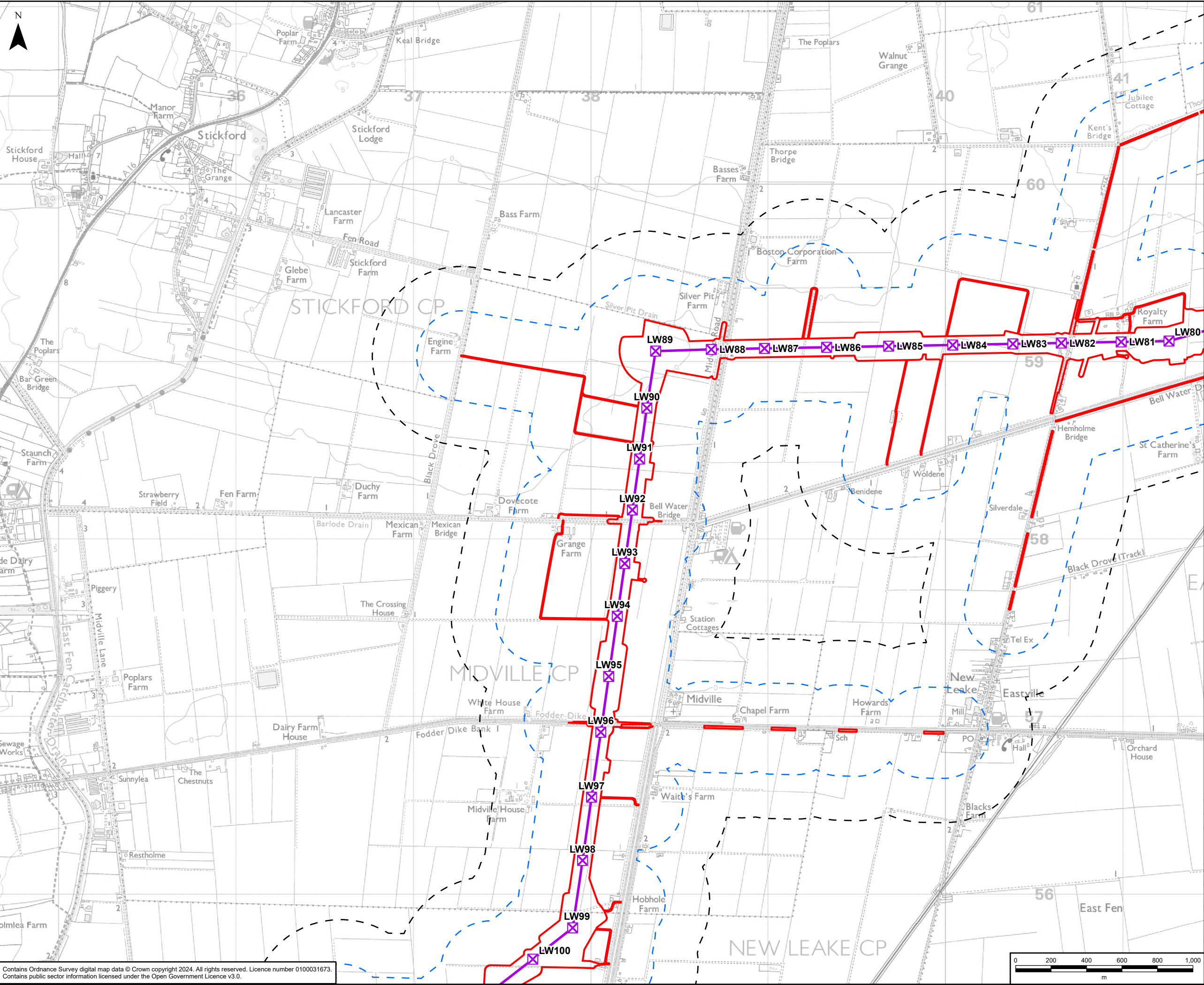
Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Source Protection Zone
- Zone 3

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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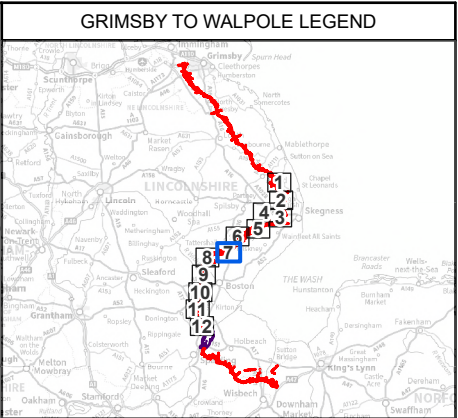
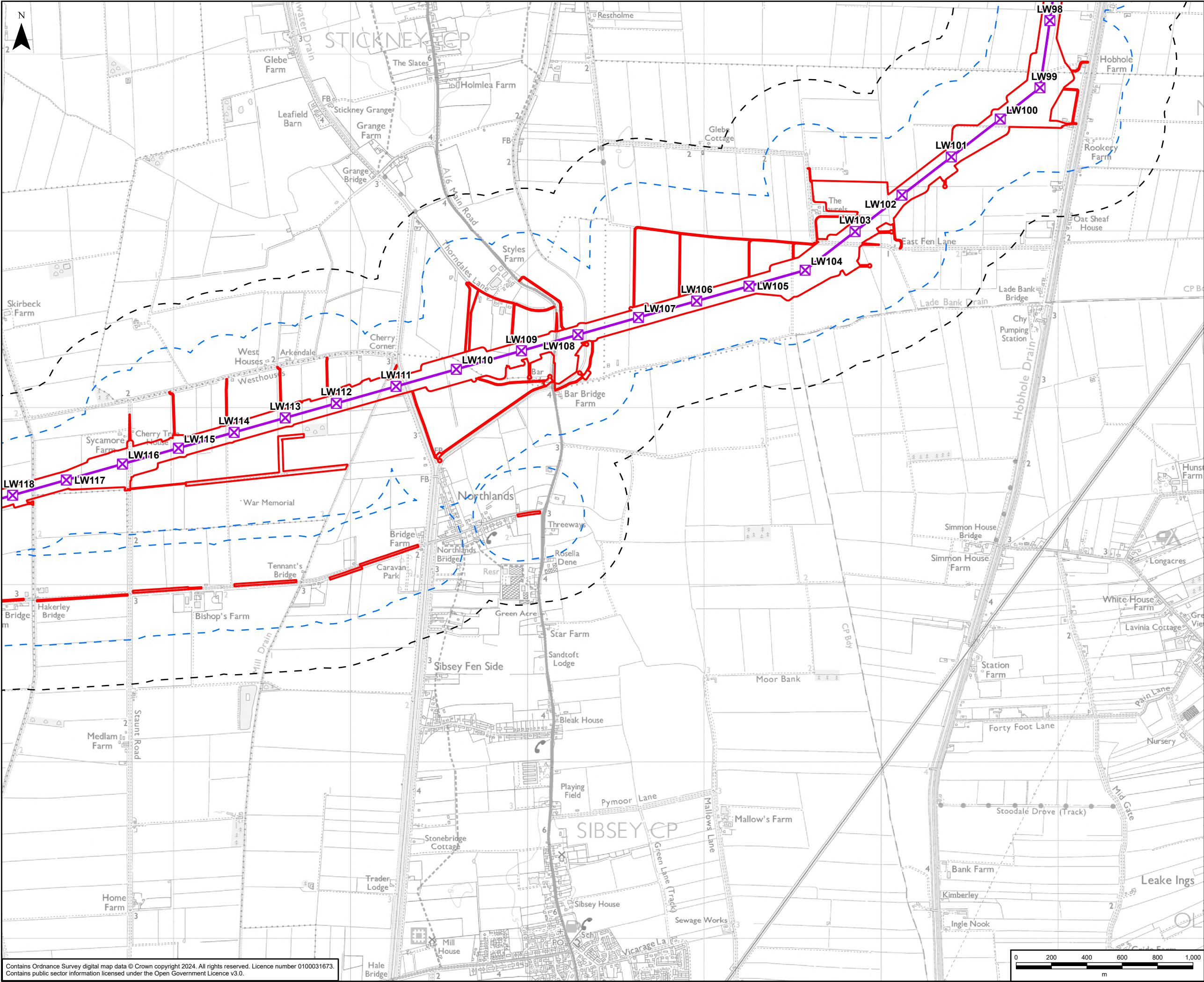
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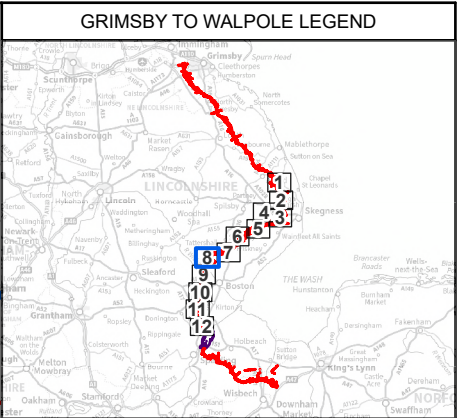
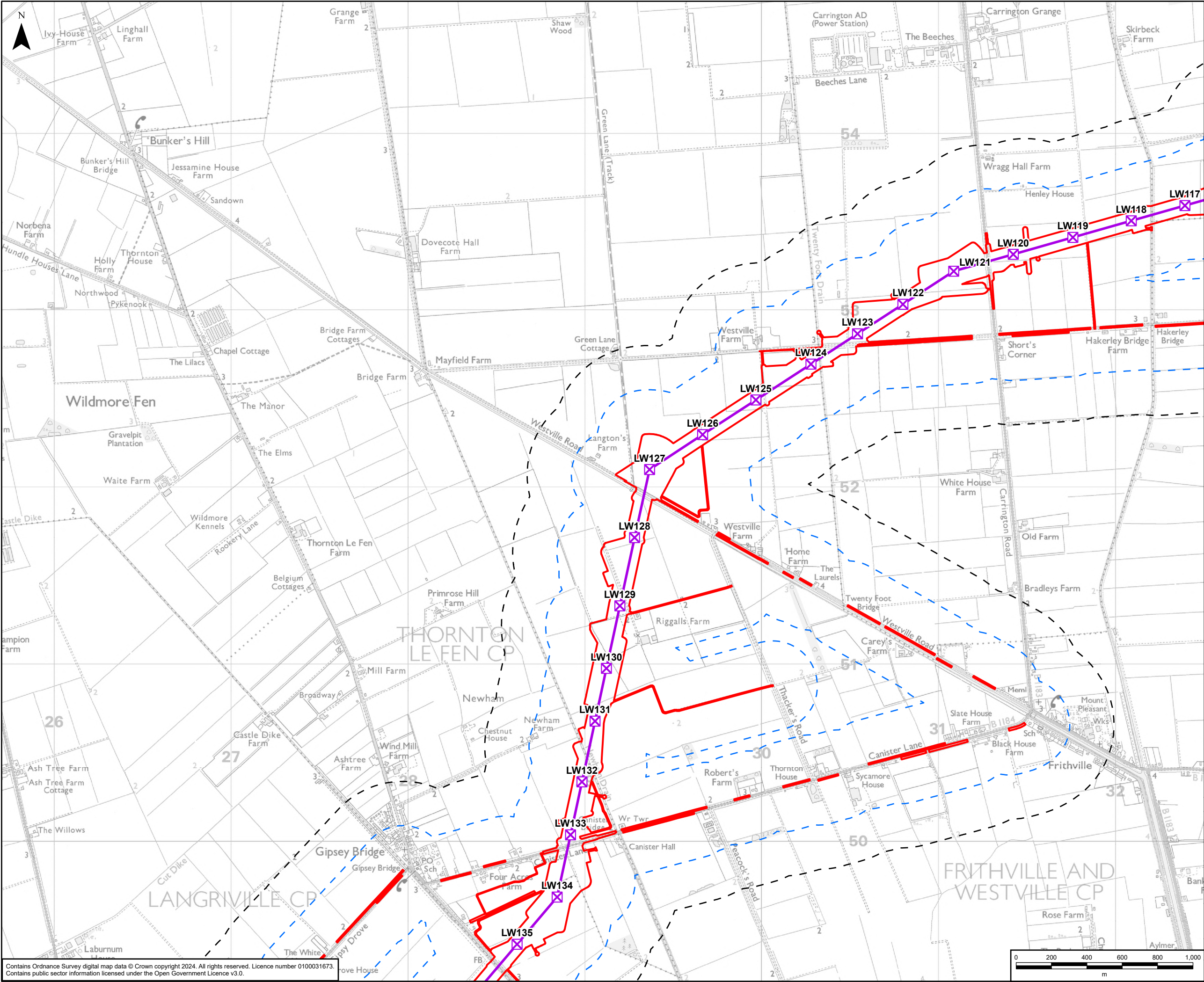


- Legend
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line

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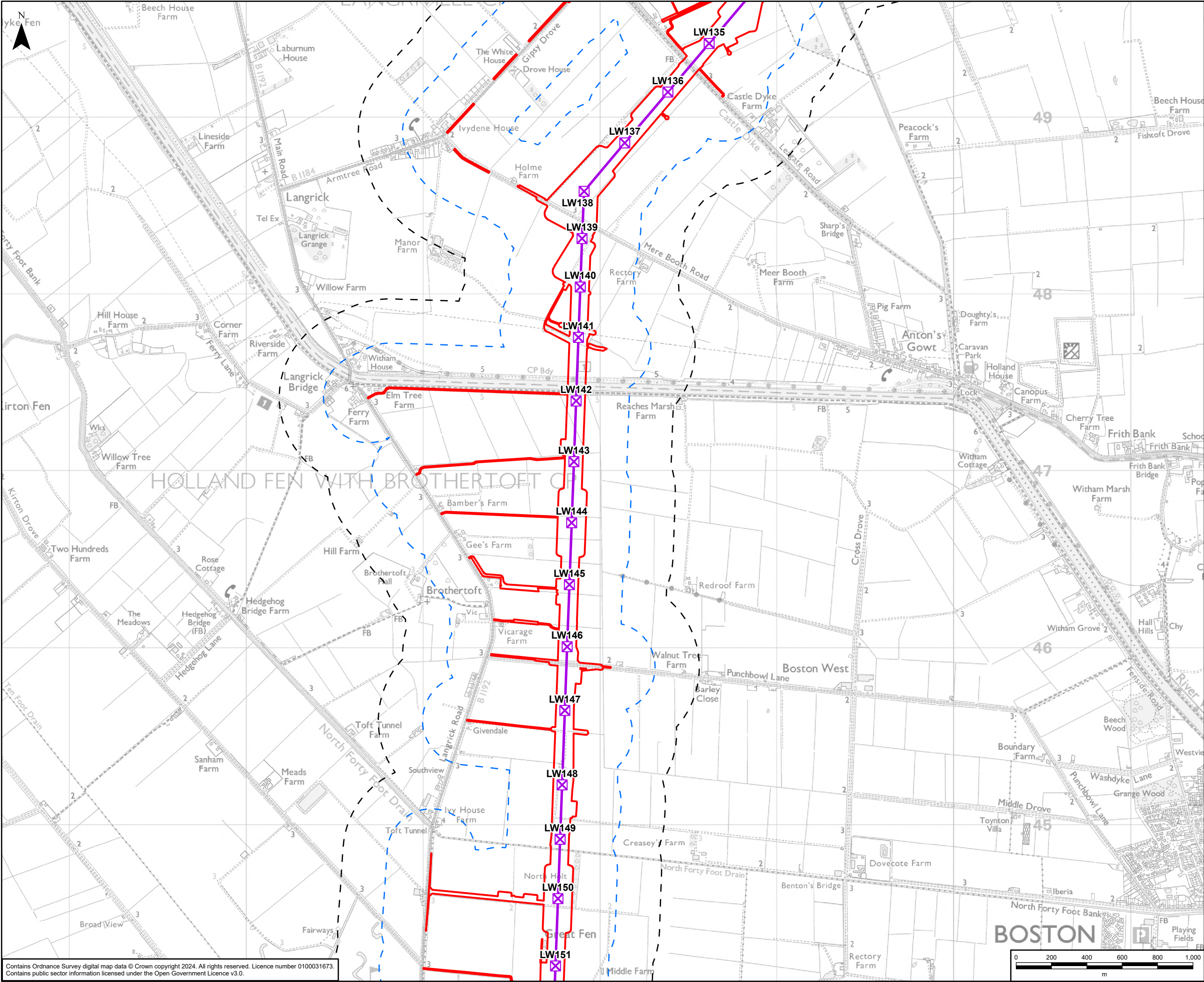


GRIMSBY TO WALPOLE LEGEND

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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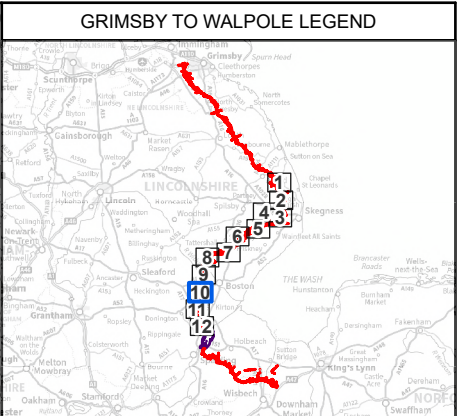
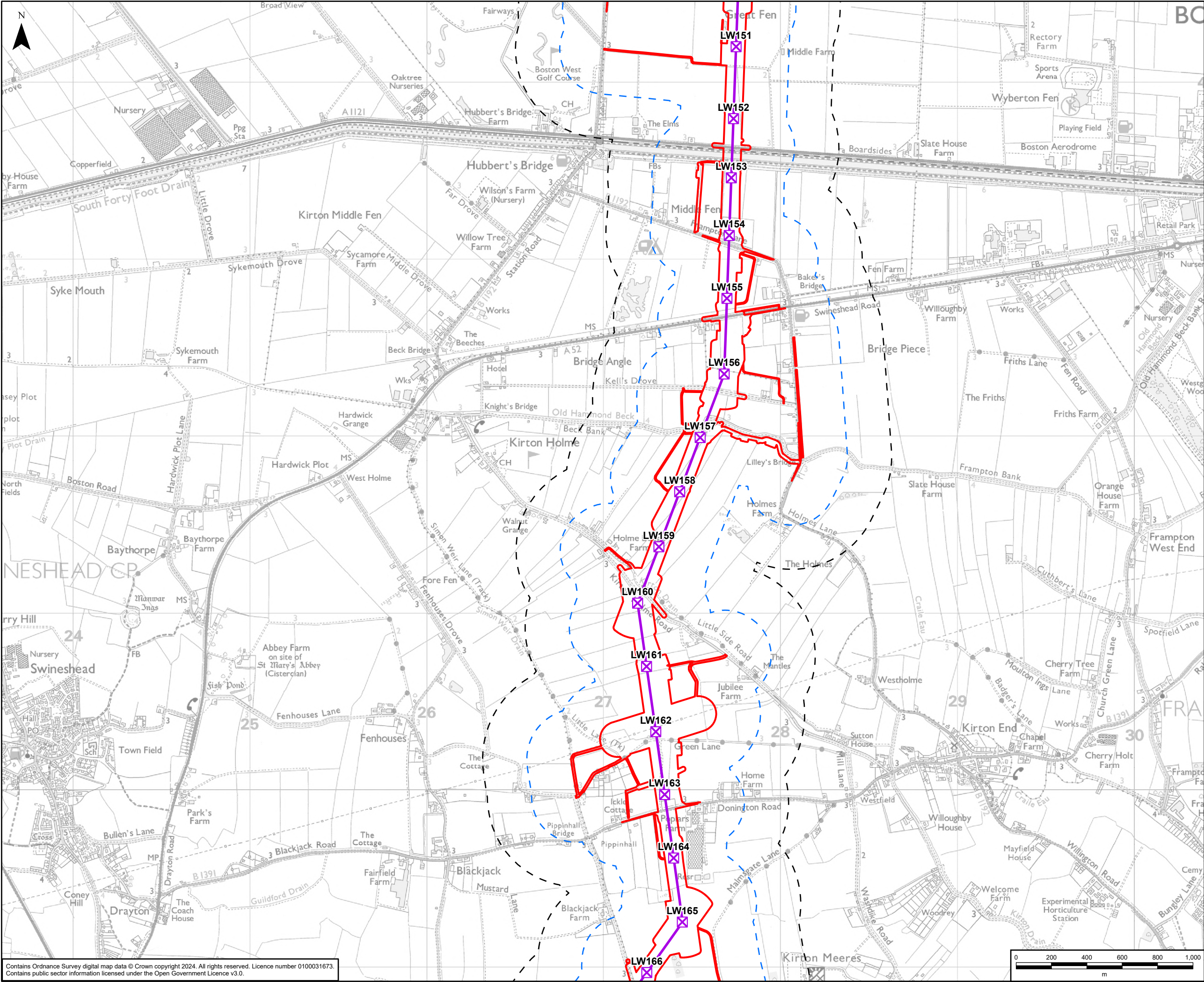
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GROUNDWATER SOURCE PROTECTION ZONES

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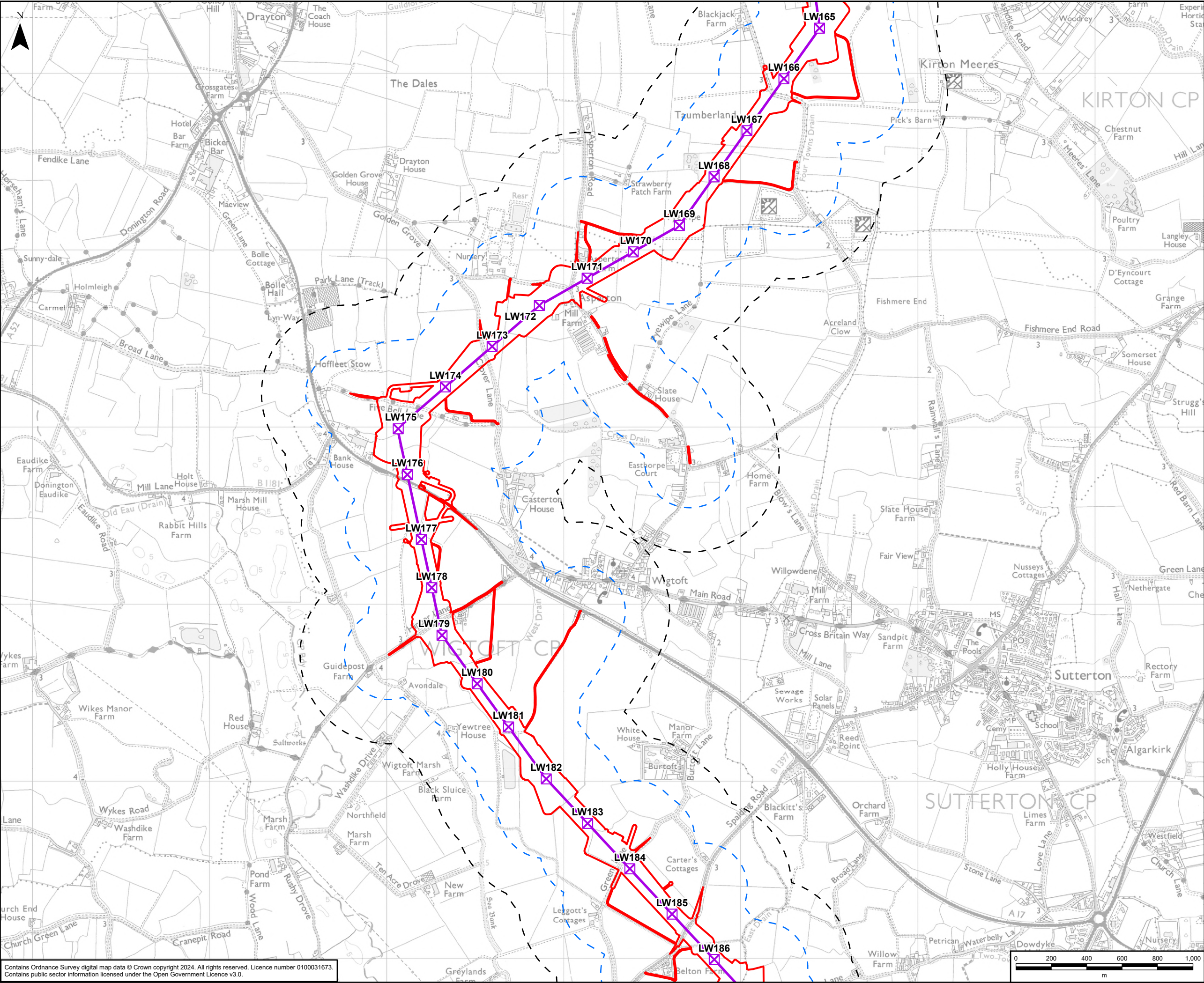


- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

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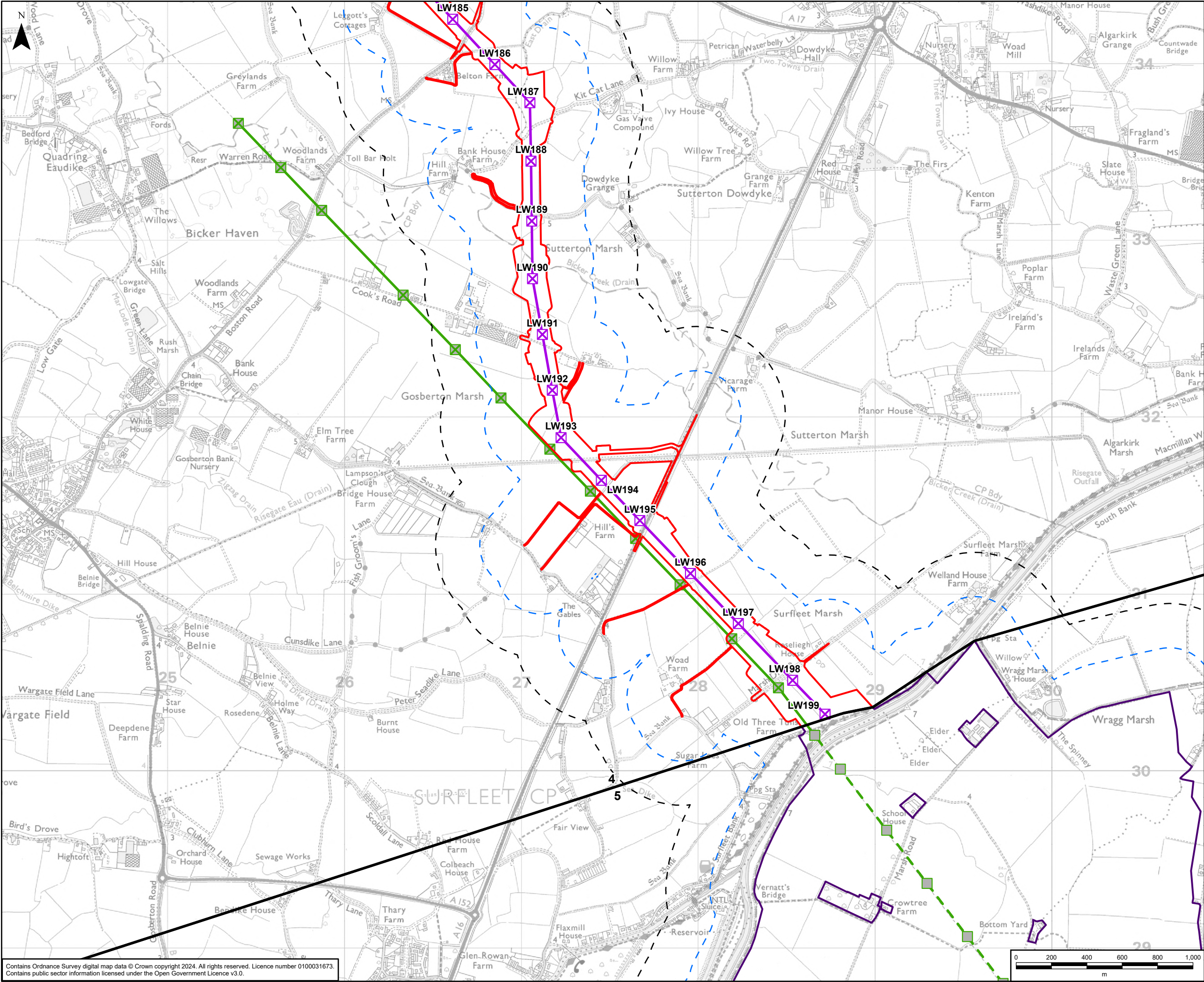
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

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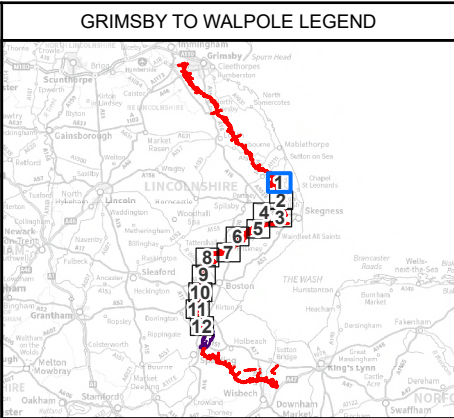
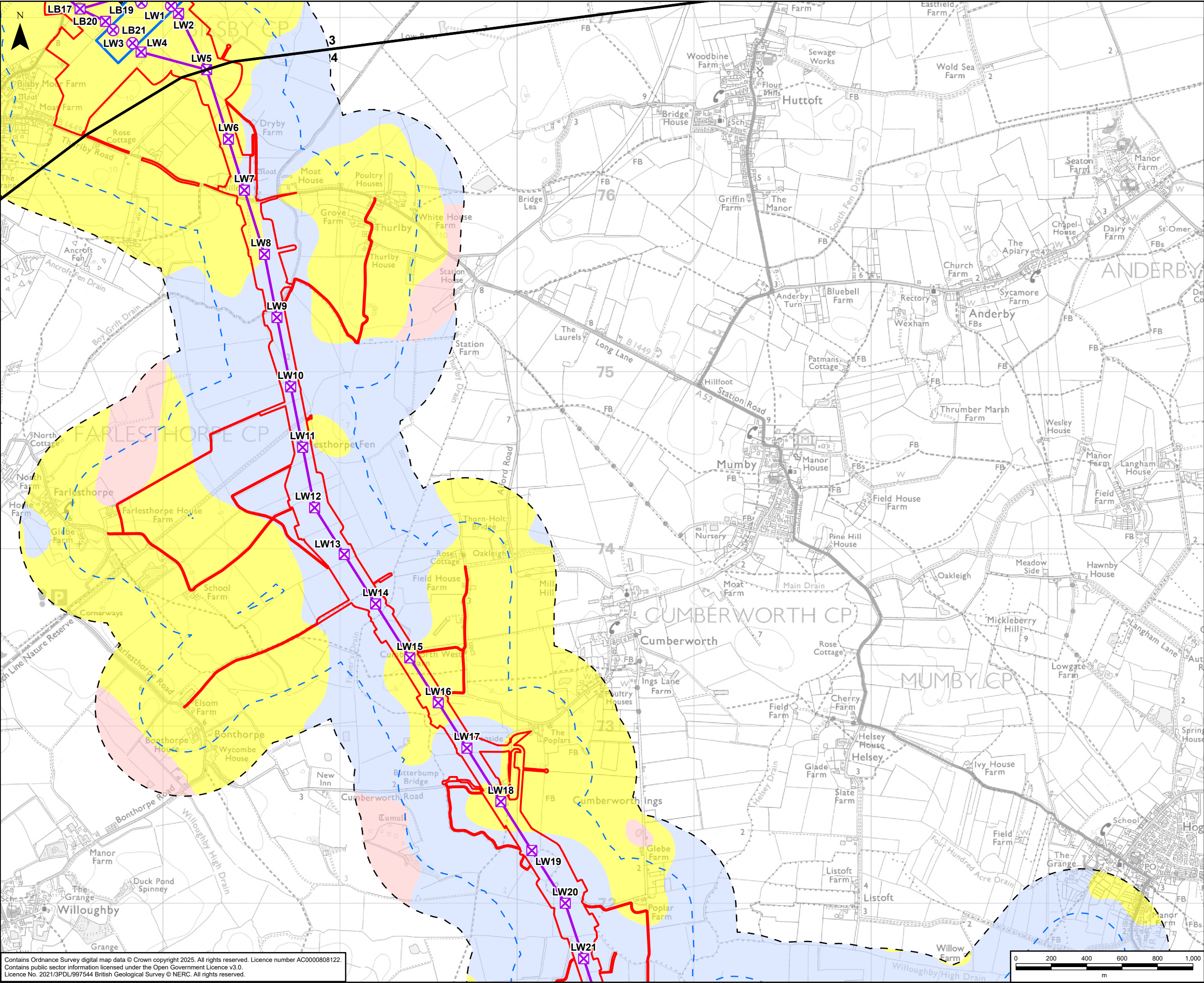
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GROUNDWATER SOURCE PROTECTION ZONES

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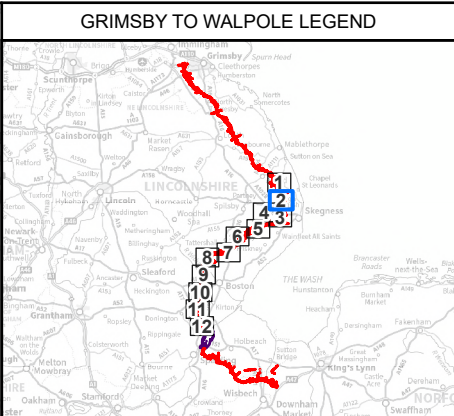
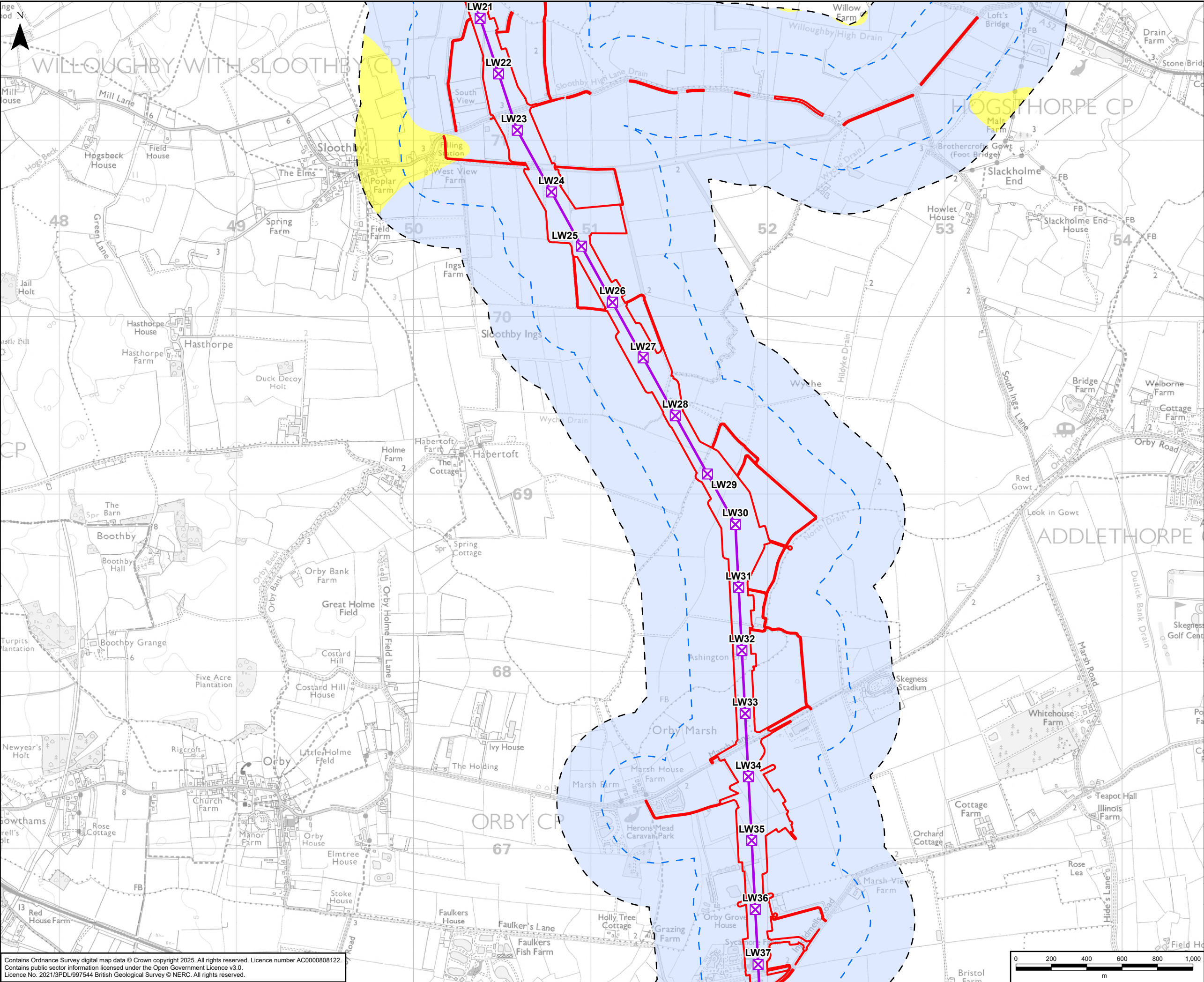
- Draft Order Limits
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route

Aquifer Designation: Superficial Deposits

- Secondary A
- Secondary (Undifferentiated)
- Unproductive Strata

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nationalgrid					
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Document Title:		FIGURE 7.5 AQUIFER DESIGNATIONS: SUPERFICIAL DEPOSITS			
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

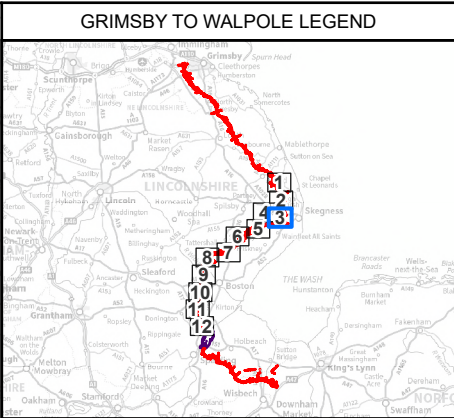
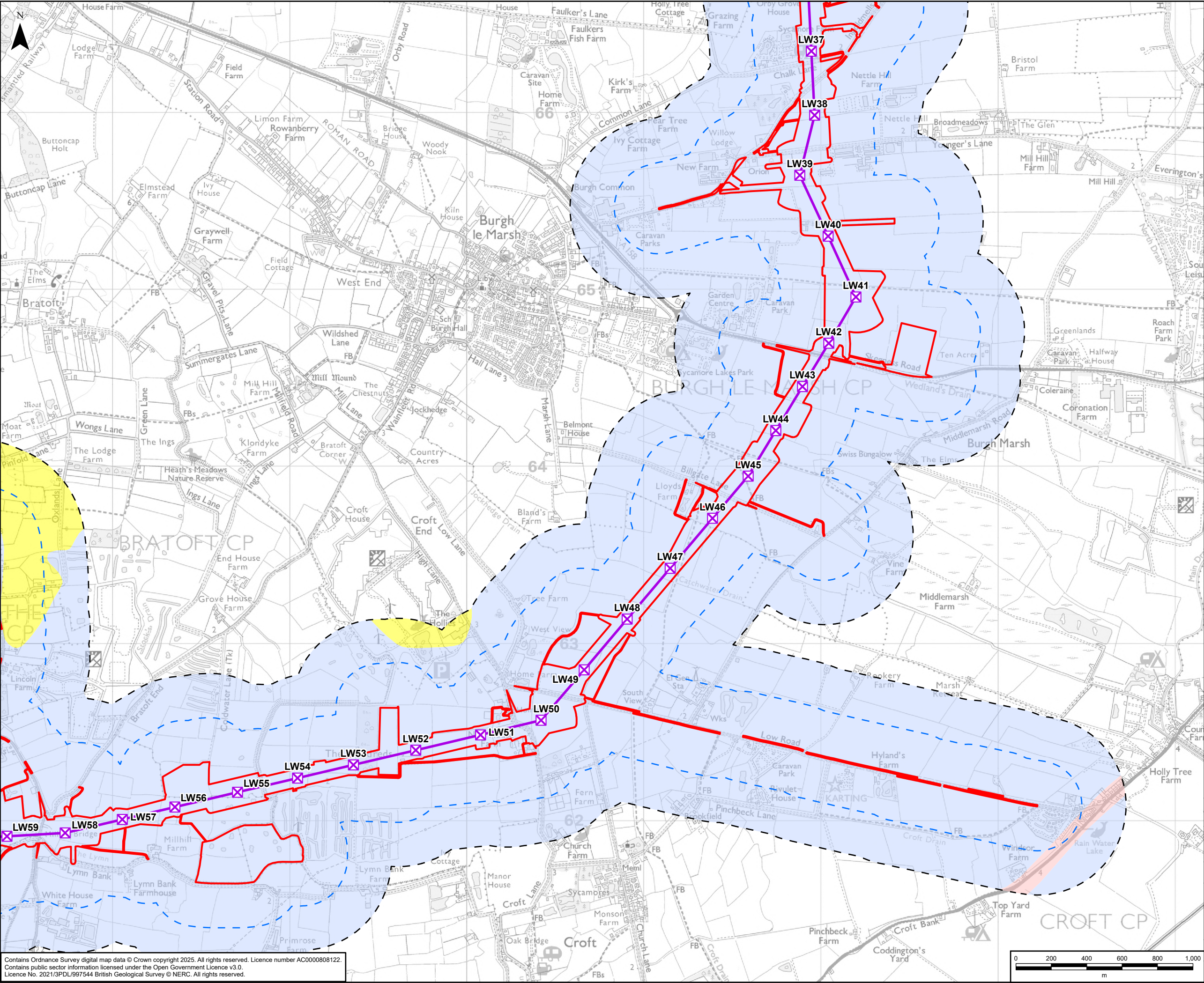
Aquifer Designation: Superficial Deposits

- Secondary (Undifferentiated)
- Unproductive Strata

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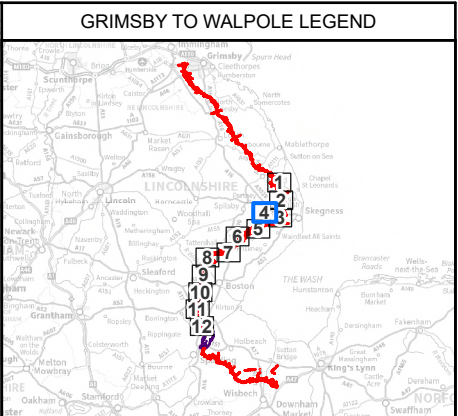
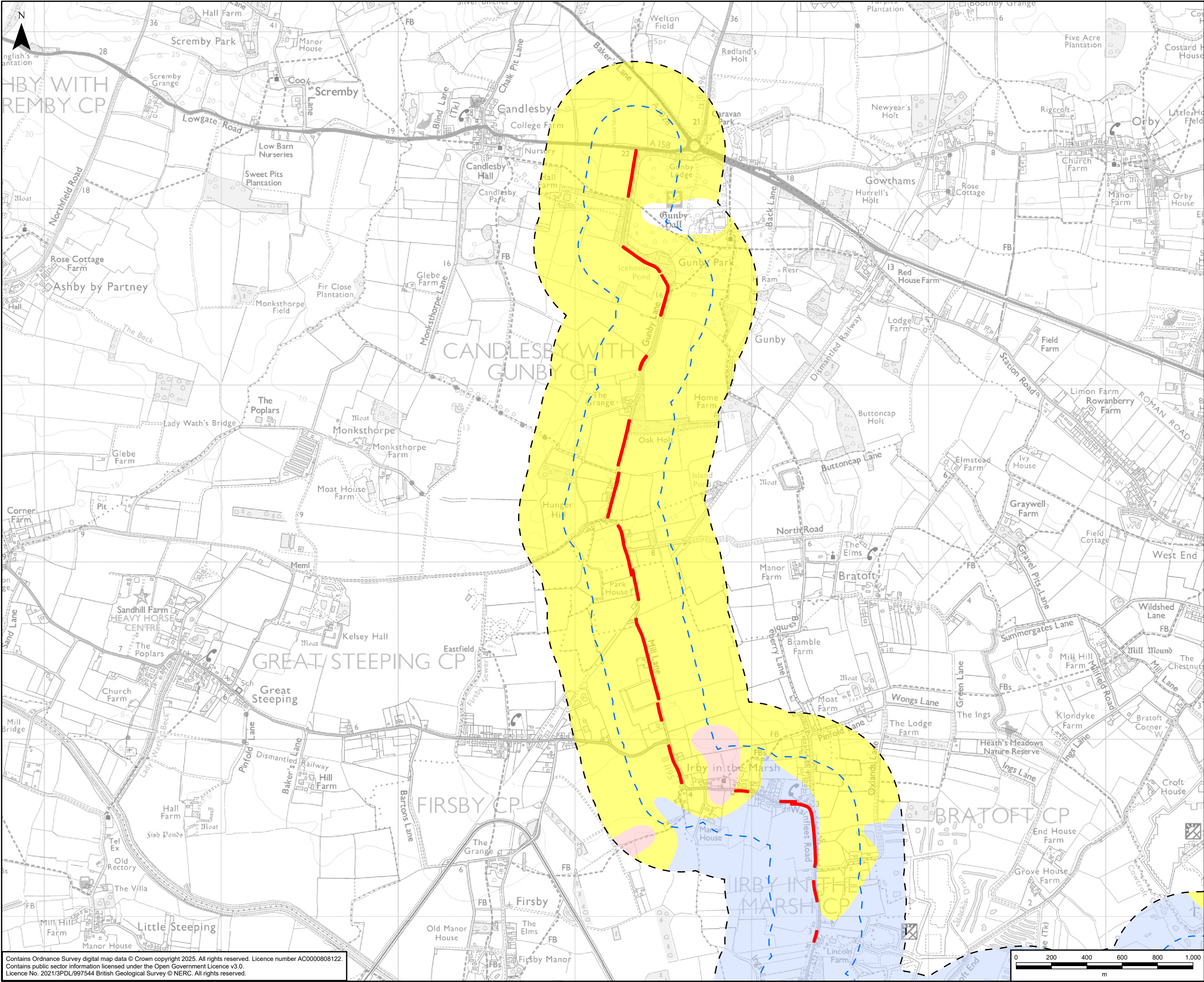
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FIGURE	1:20,000	A3	2 OF 12	A	



- Legend
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Aquifer Designation: Superficial Deposits
- Secondary A
 - Secondary (Undifferentiated)
 - Unproductive Strata

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GRIMSBY TO WALPOLE LEGEND

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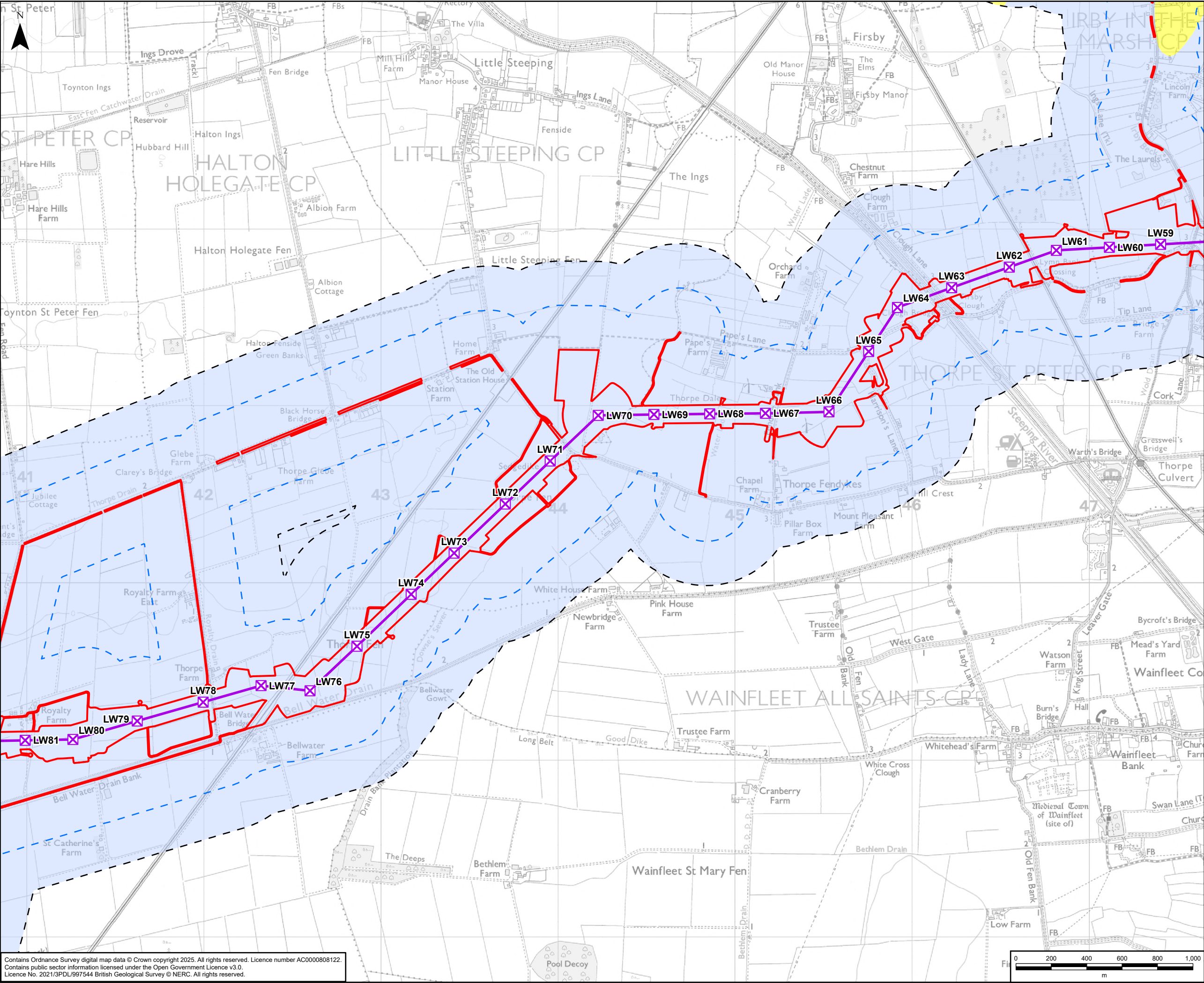
- Draft Order Limits
- 250m Study Area
- 500m Study Area

Aquifer Designation: Superficial Deposits

- Secondary A
- Secondary (Undifferentiated)
- Unproductive Strata

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
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Aquifer Designation: Superficial Deposits

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- Unproductive Strata

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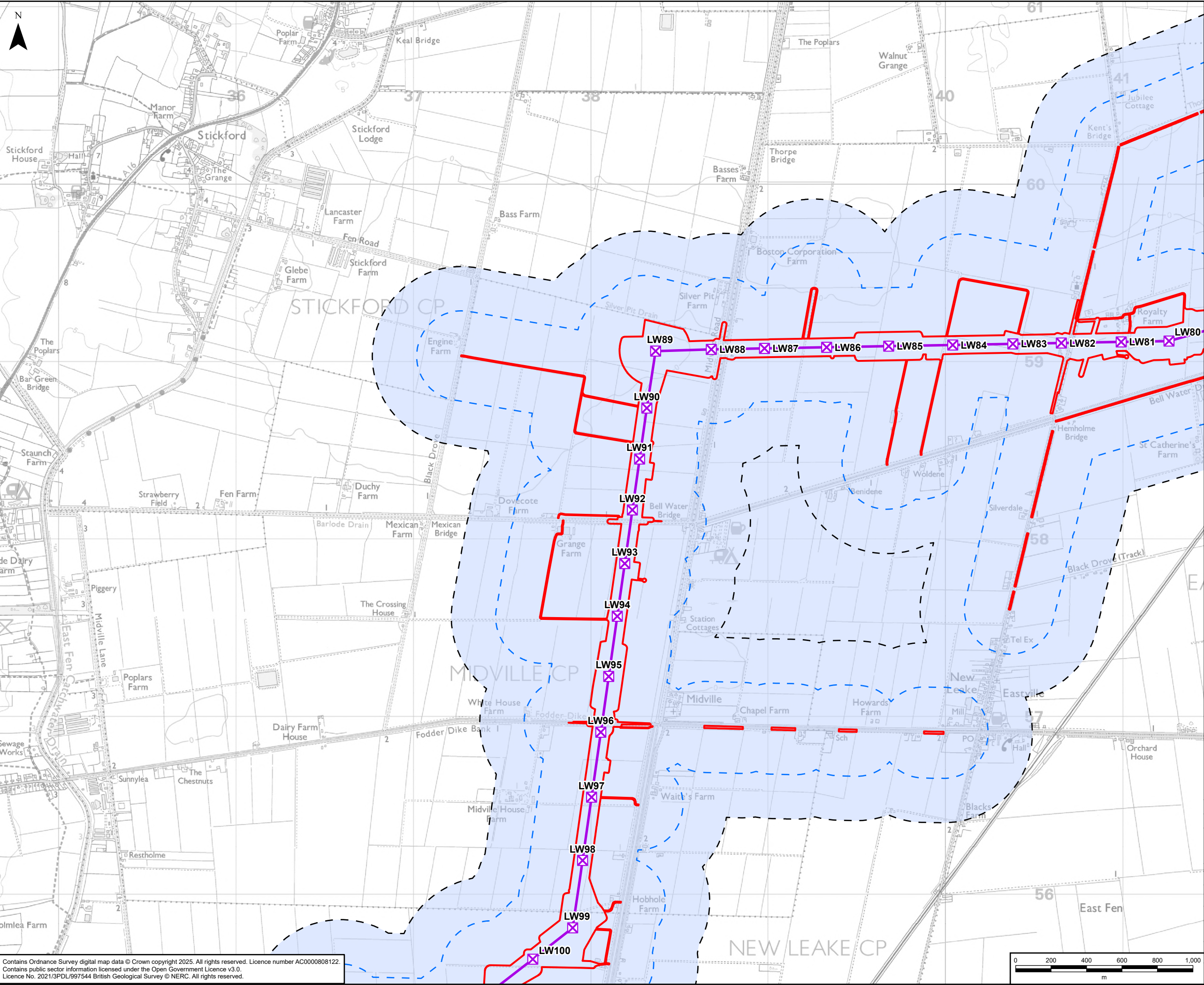
Purpose: PEI REPORT - SECTION 4

Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 7.5**
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Superficial Deposits

- Unproductive Strata

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PEI REPORT - SECTION 4

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GRIMSBY TO WALPOLE

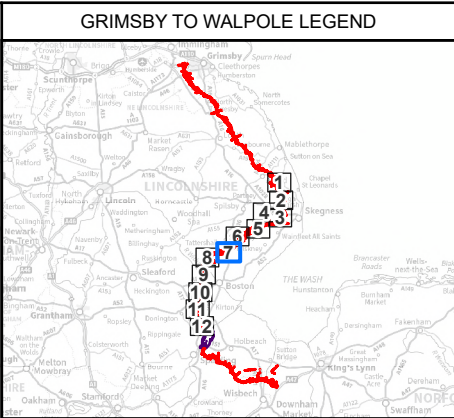
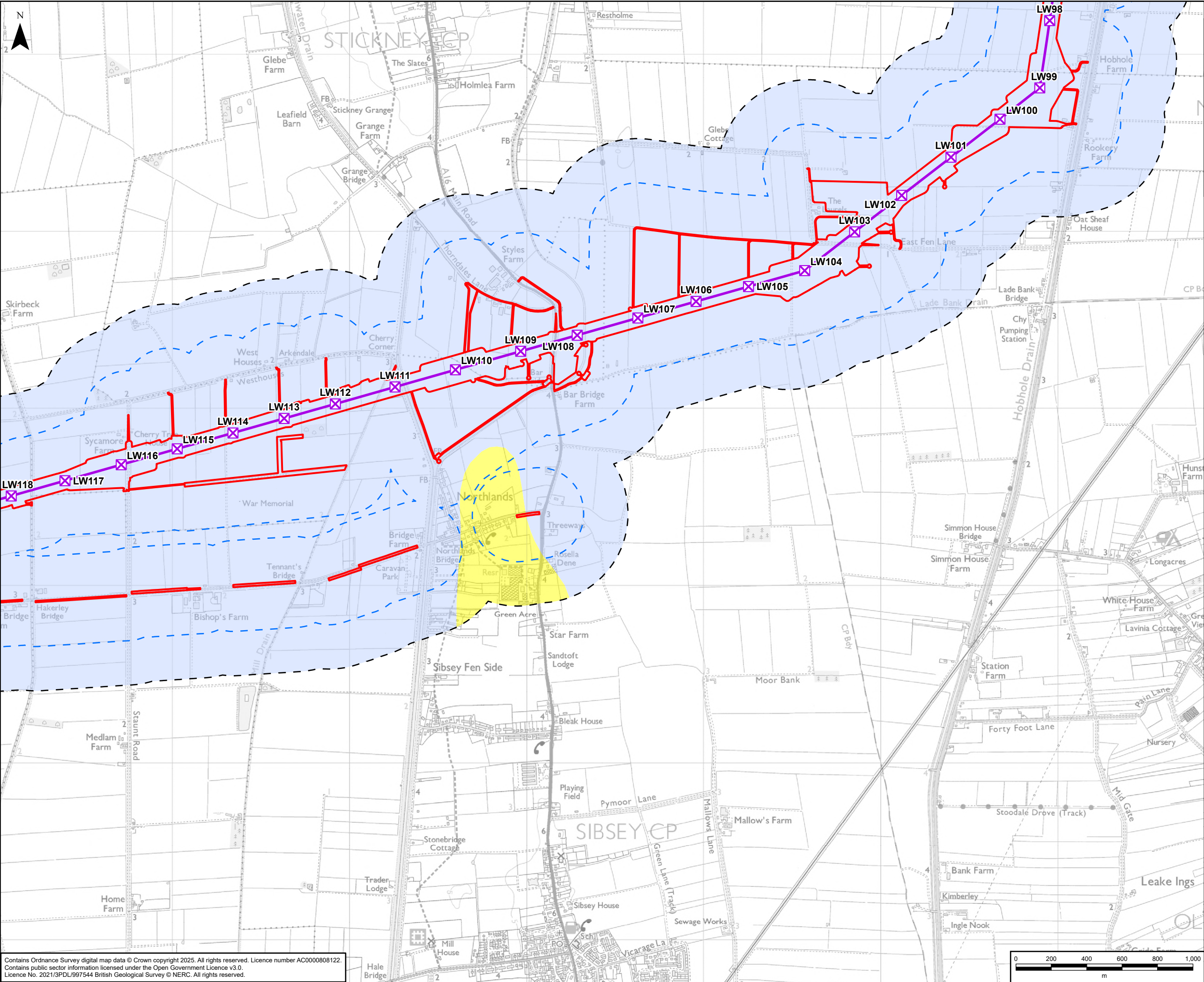
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Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

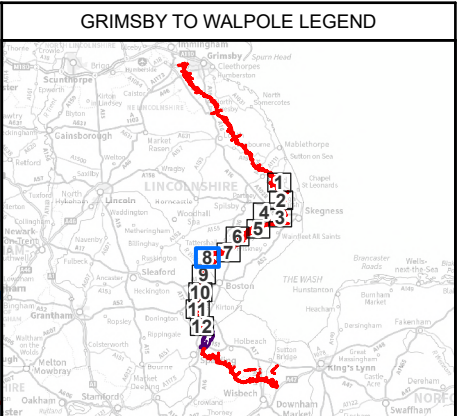
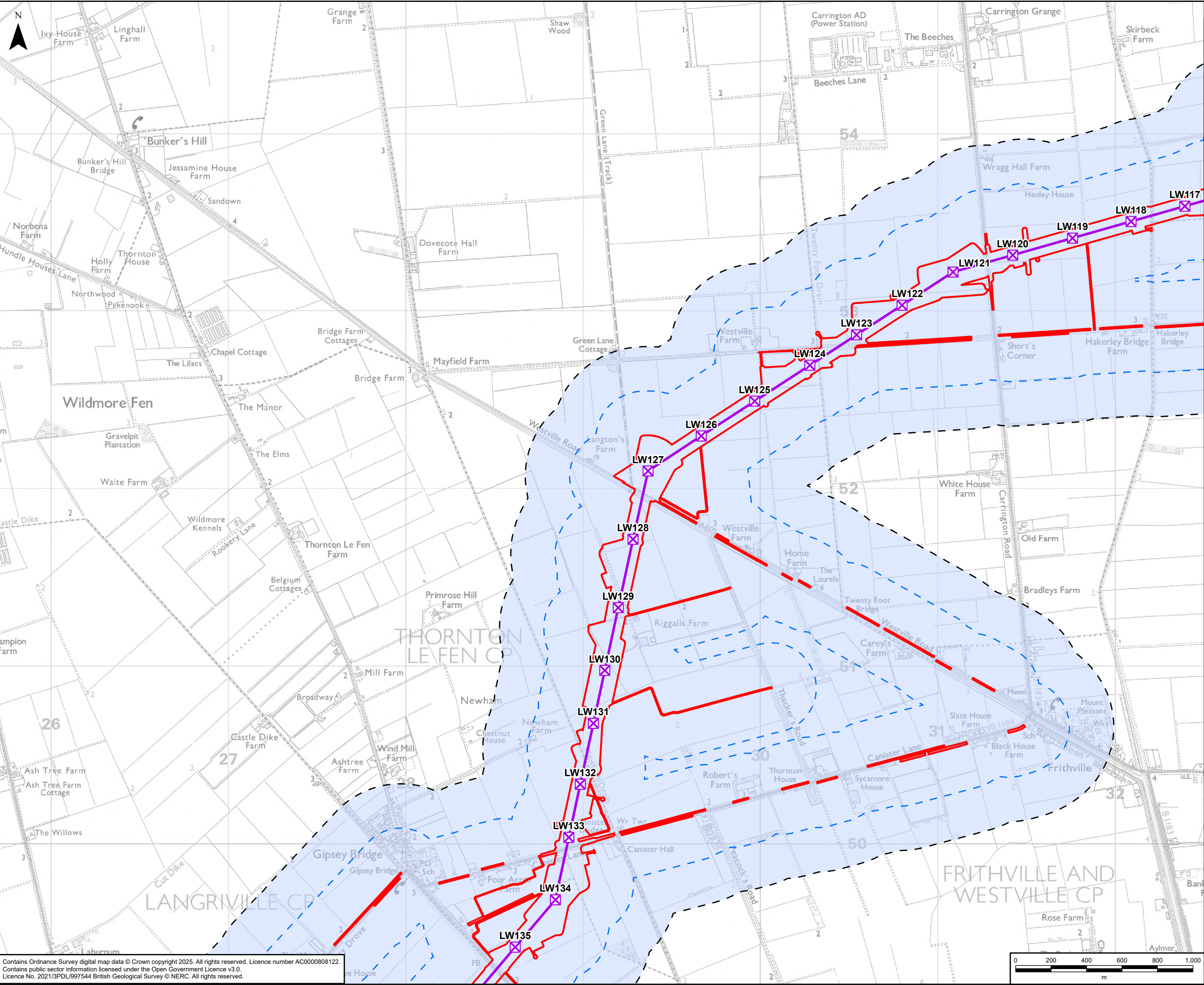
Aquifer Designation: Superficial Deposits

- Secondary (Undifferentiated)
- Unproductive Strata

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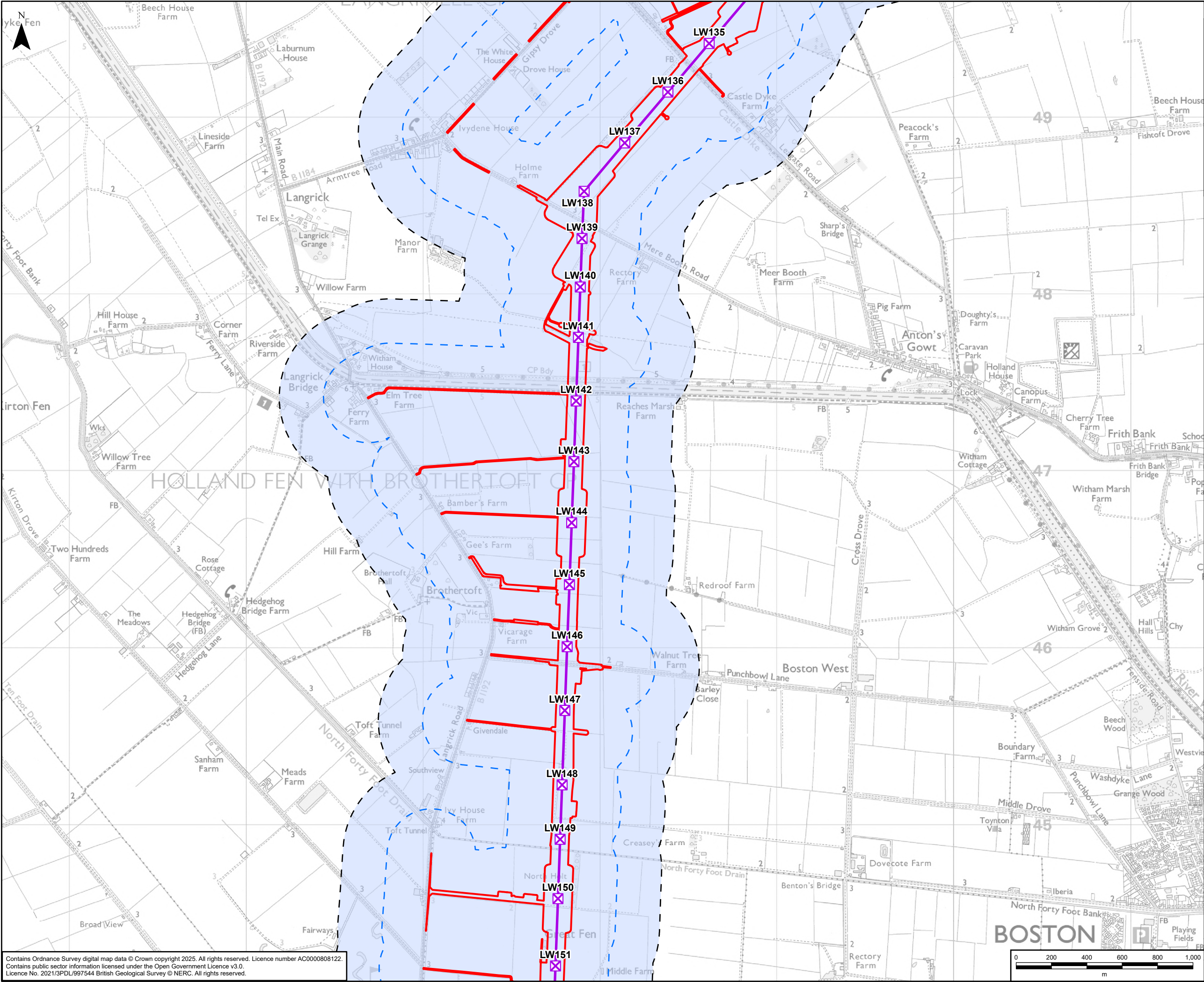


- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Aquifer Designation: Superficial Deposits**
- Unproductive Strata

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Superficial Deposits

- Unproductive Strata

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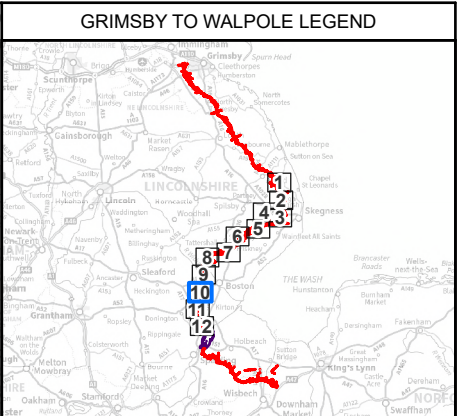
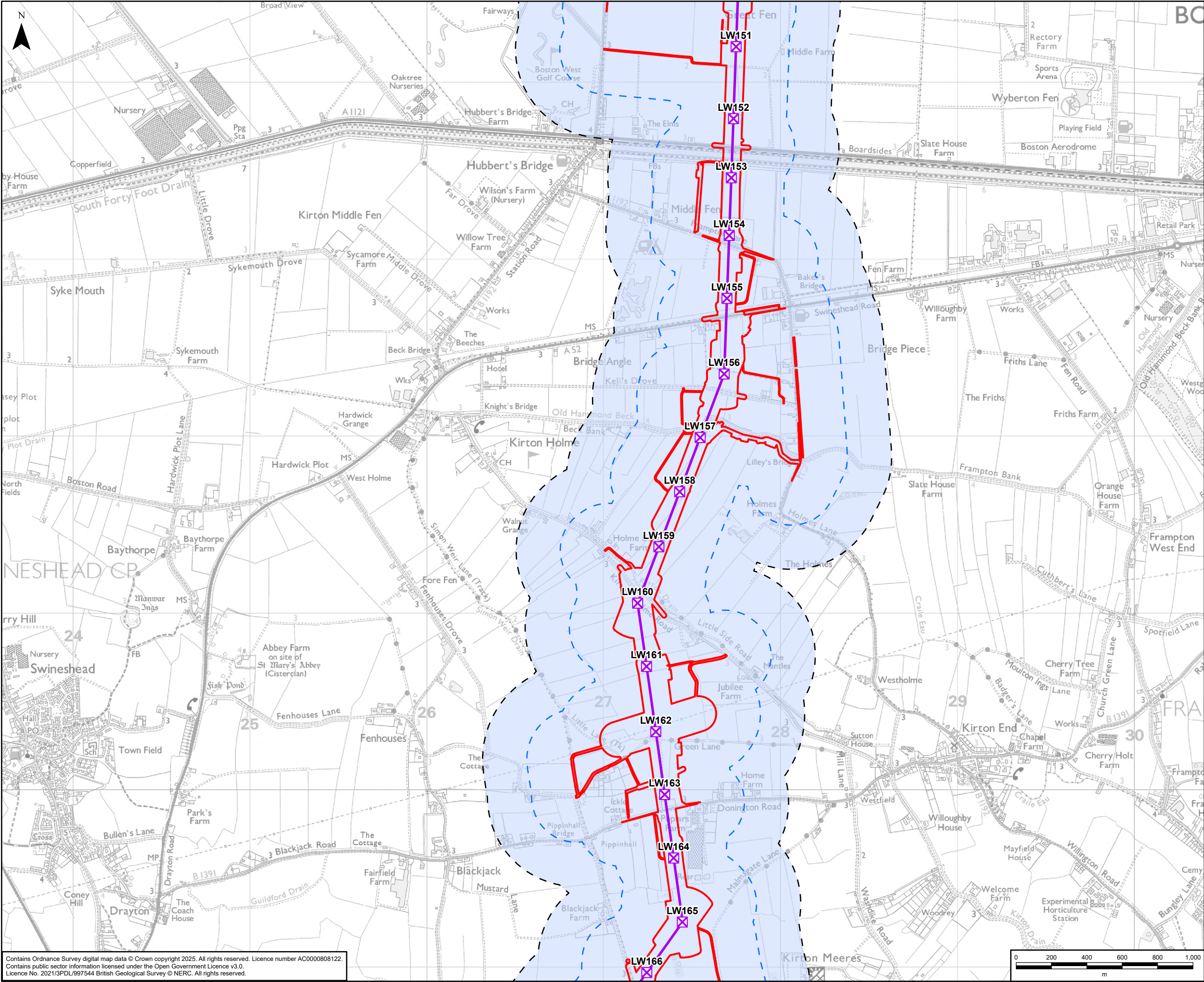
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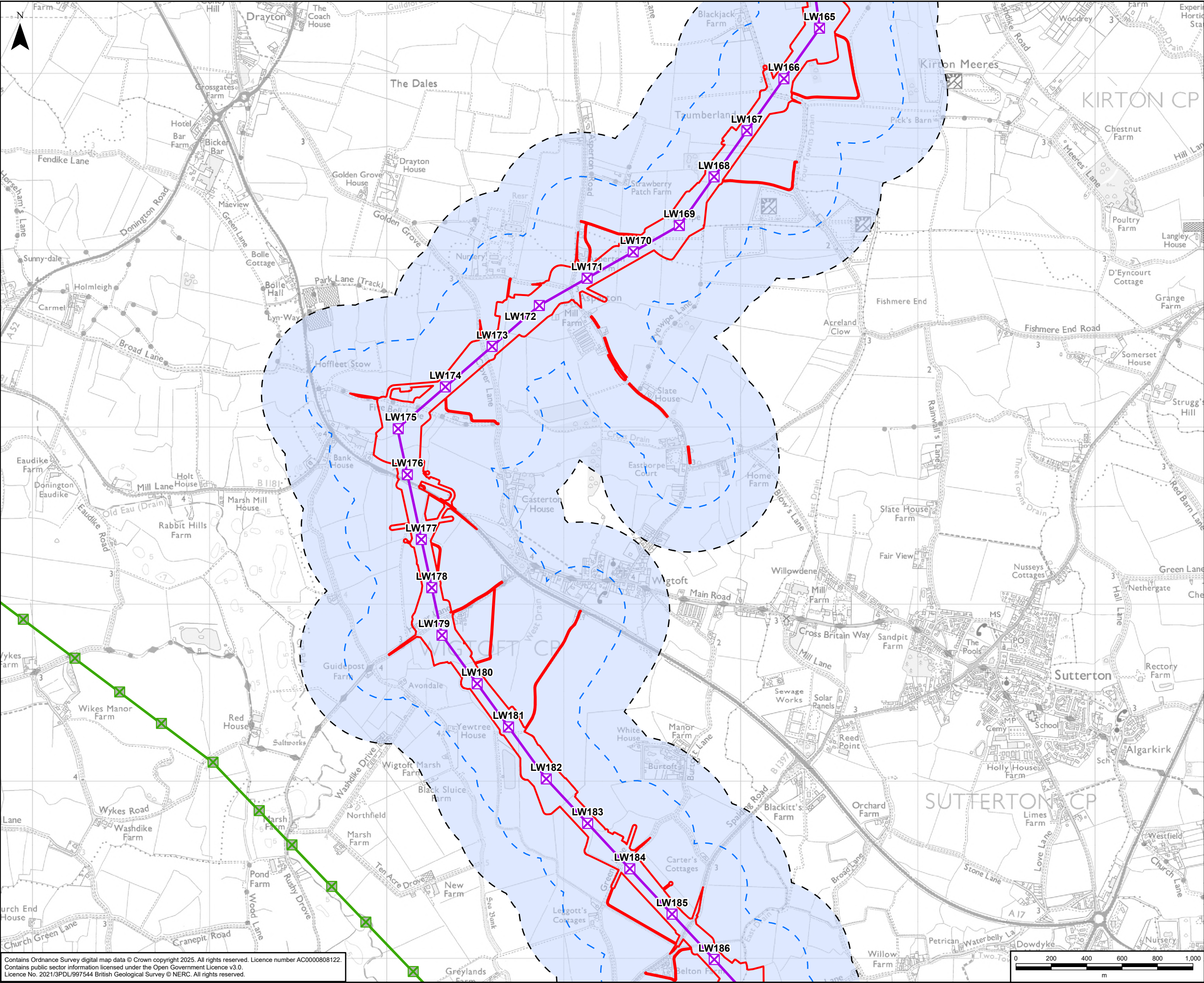


- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
 - Aquifer Designation: Superficial Deposits
 - Unproductive Strata

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Aquifer Designation: Superficial Deposits
- Unproductive Strata

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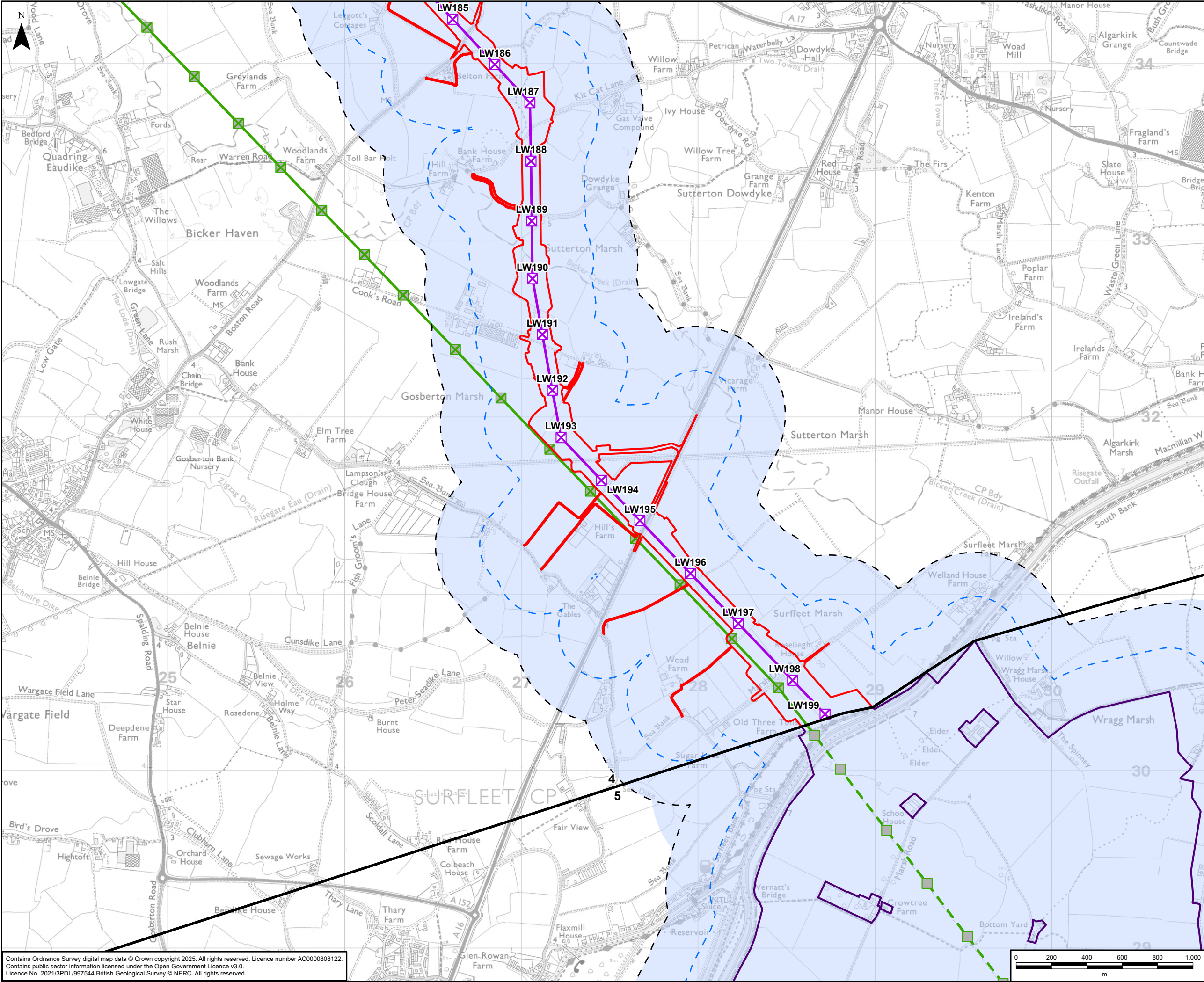
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

Aquifer Designation: Superficial Deposits

- Unproductive Strata

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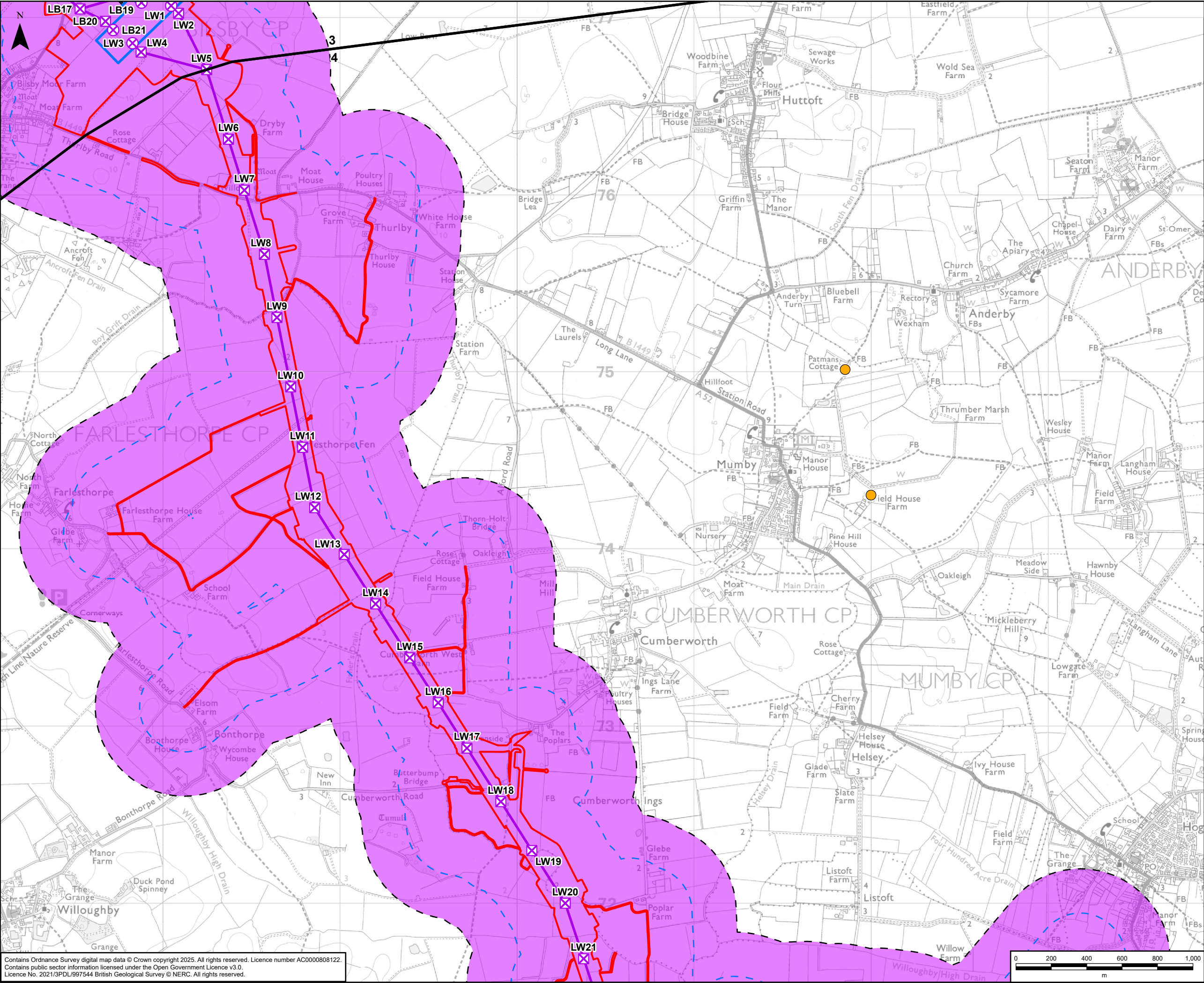
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Private Water Supply Location
- Aquifer Designation: Bedrock Geology
- Principal

NOTE:
PWS - The abstracted unit is not known, and therefore may include abstractions from either superficial or bedrock geology.

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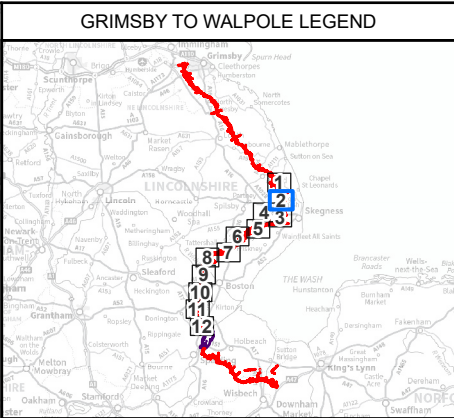
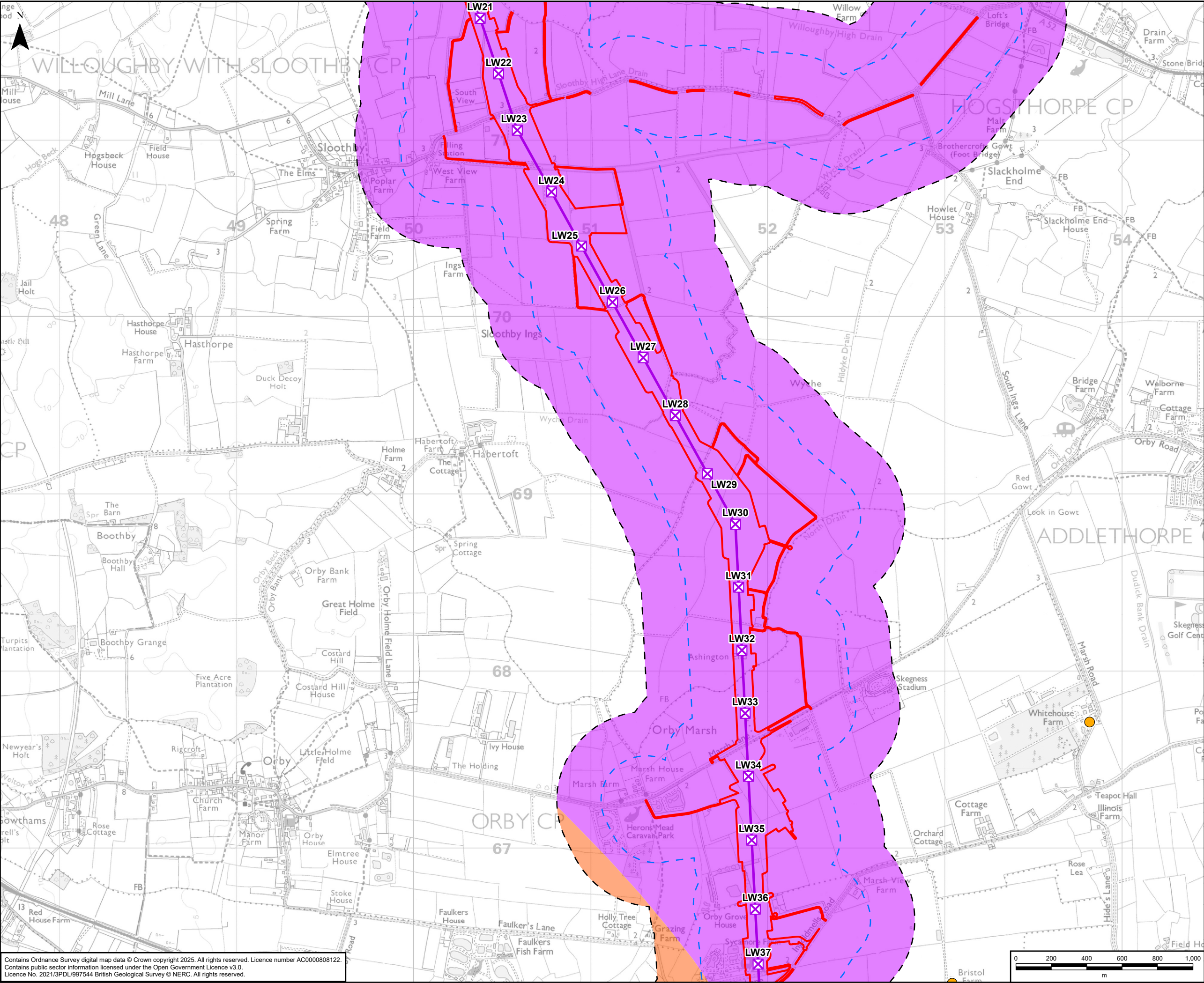
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.6
AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Private Water Supply Location

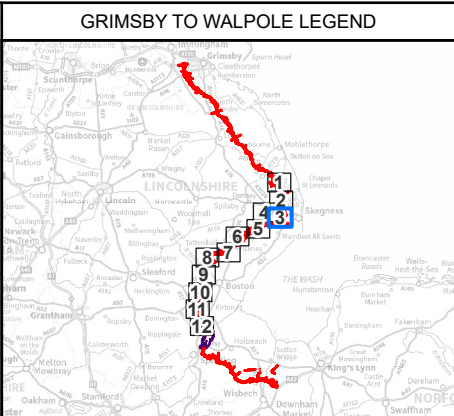
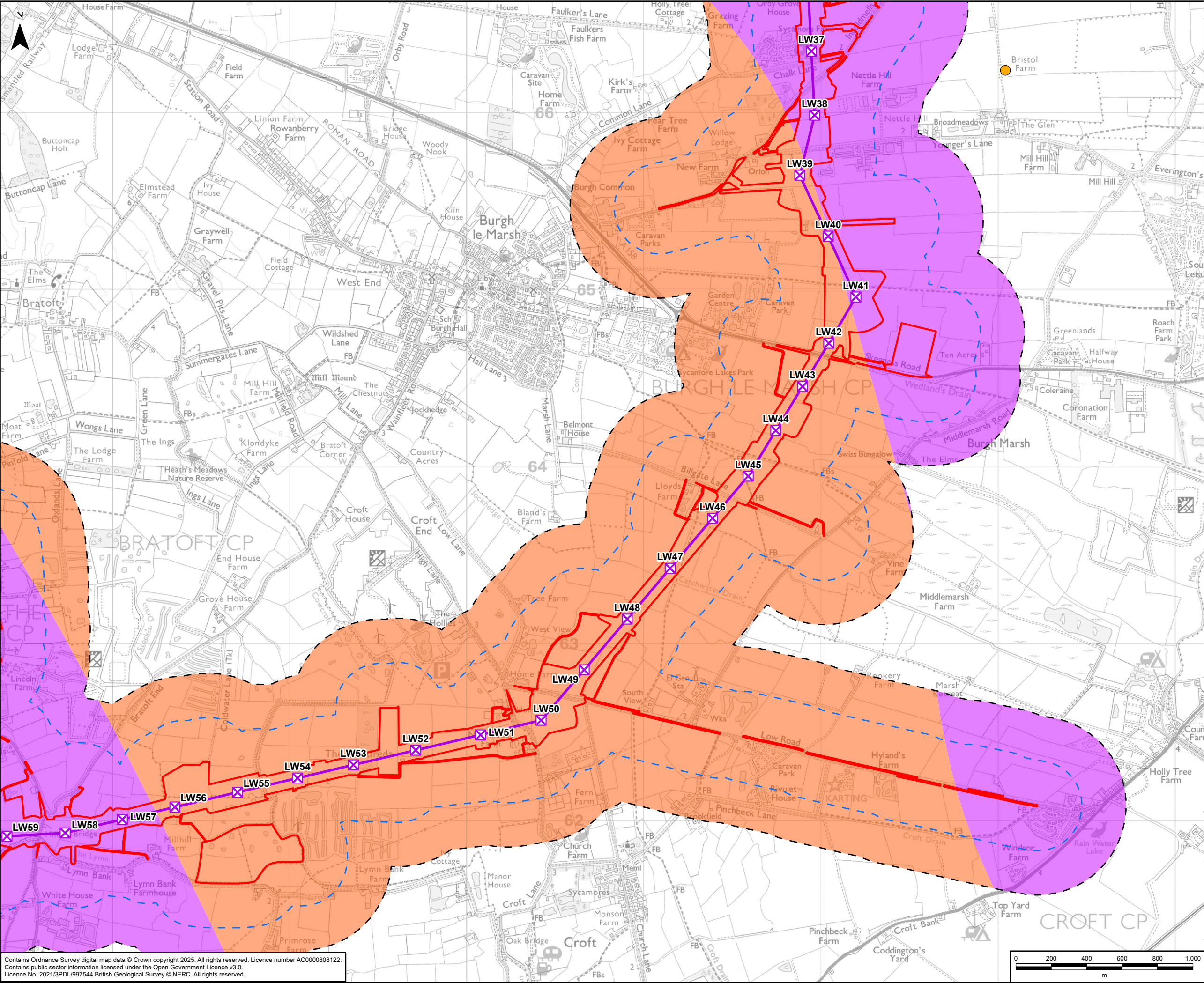
Aquifer Designation: Bedrock Geology

- Principal
- Secondary B

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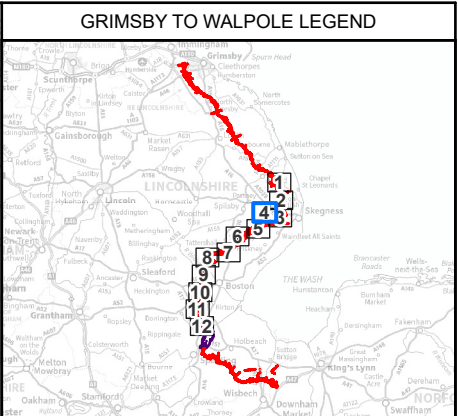
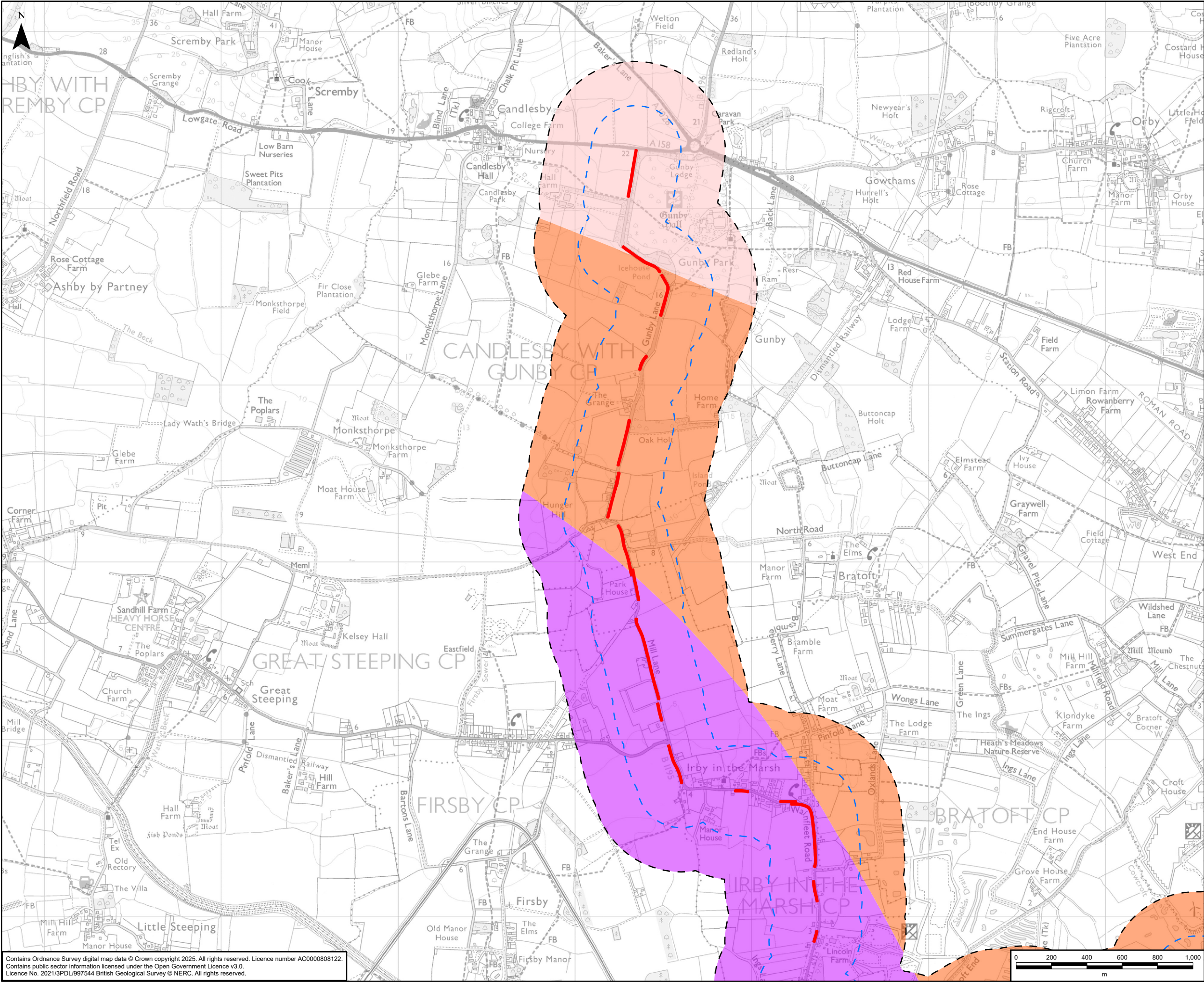
- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Private Water Supply Location
- Aquifer Designation: Bedrock Geology
 - Principal
 - Secondary B

NOTE:
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Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area

Aquifer Designation: Bedrock Geology

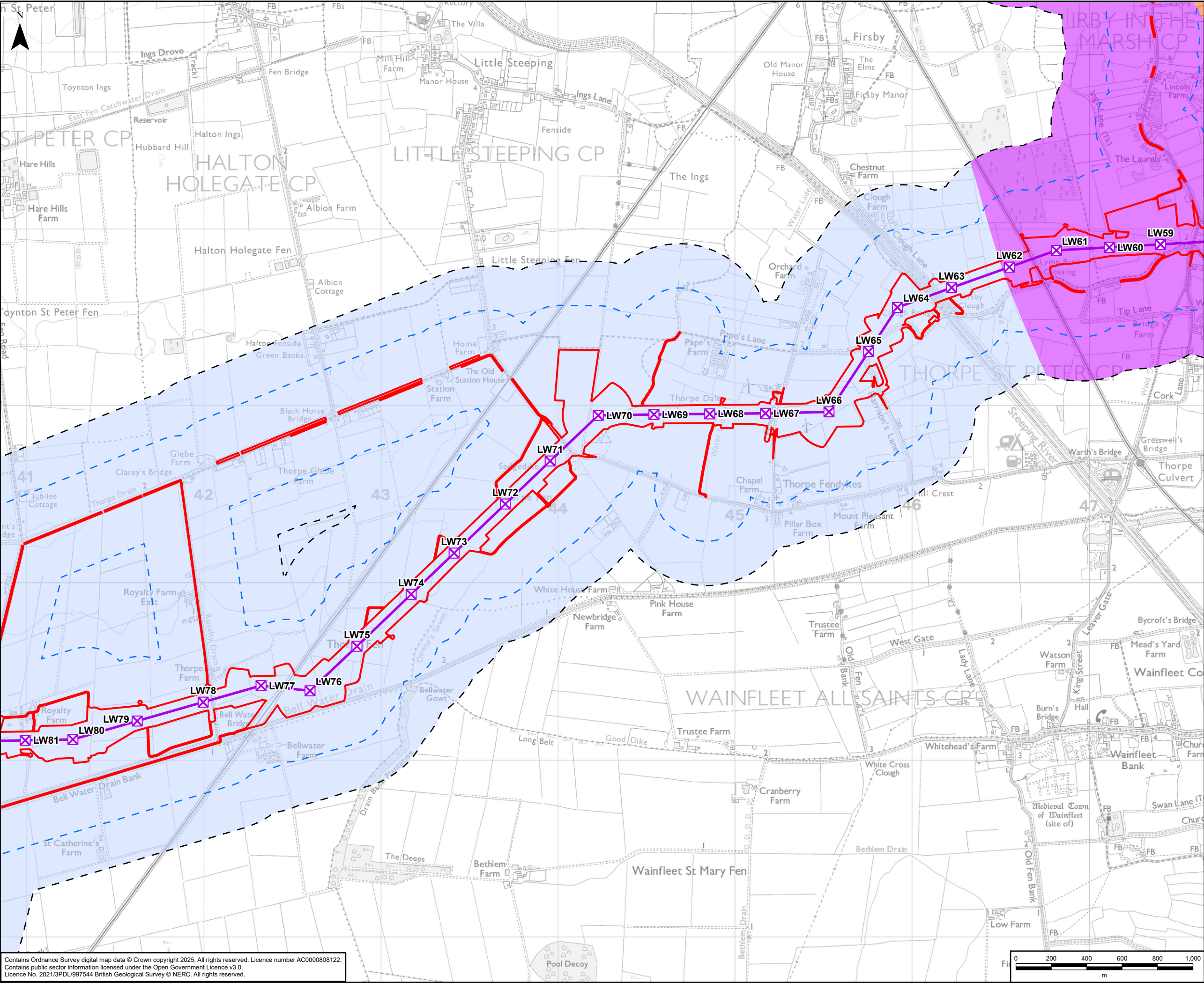
- Principal
- Secondary A
- Secondary B

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Bedrock Geology

- Principal
- Secondary B
- Unproductive Strata

NOTE:
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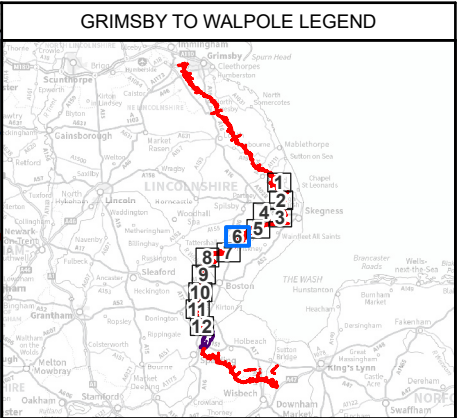
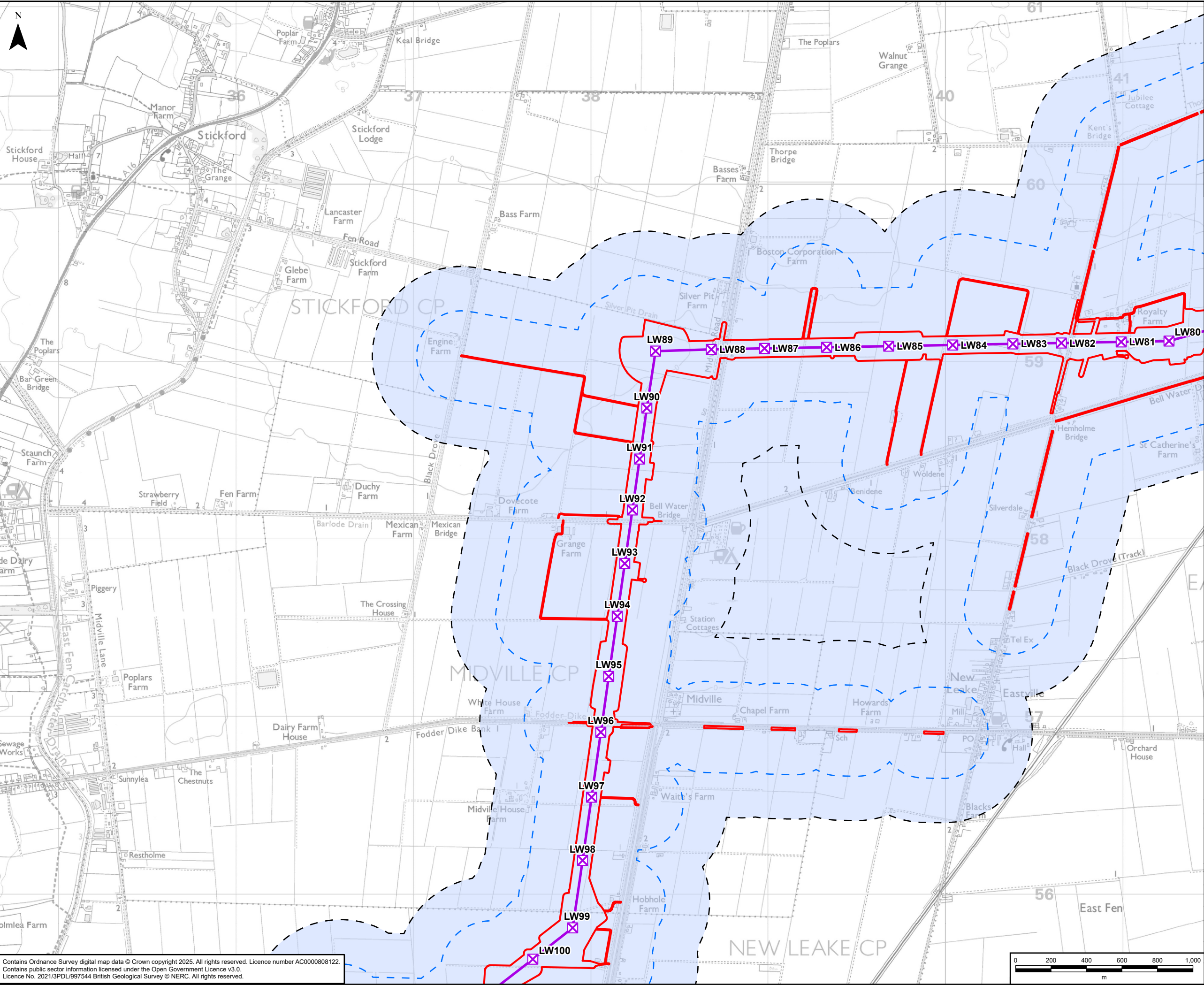
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Document Title: **FIGURE 7.6**
AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Bedrock Geology

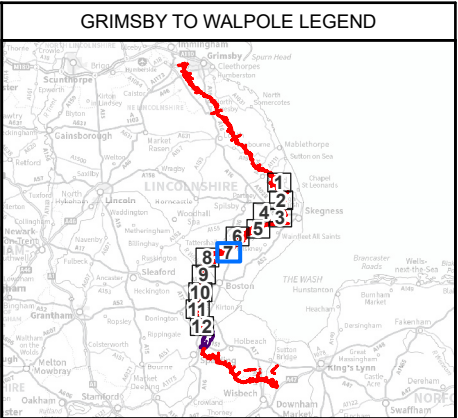
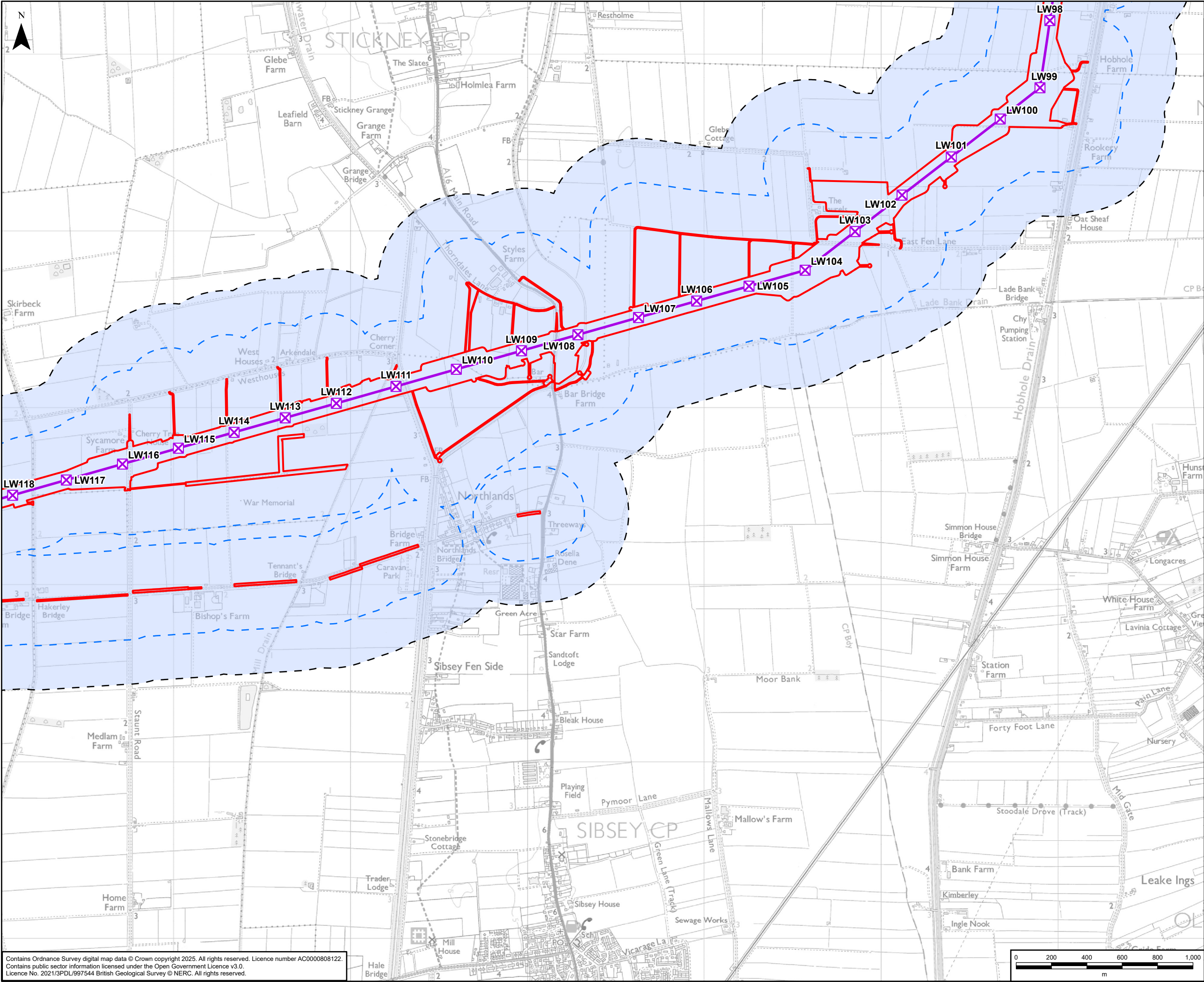
- Unproductive Strata

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- Legend
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Indicative New Lattice Pylon
 - Indicative New Overhead Line
- Aquifer Designation: Bedrock Geology
- Unproductive Strata

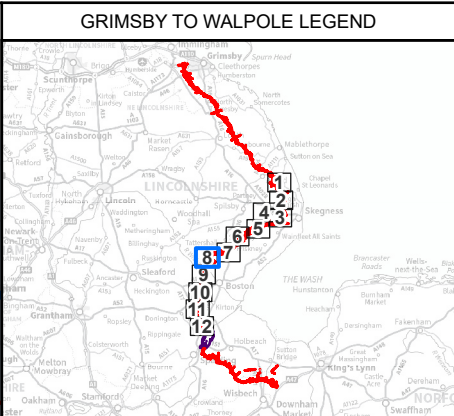
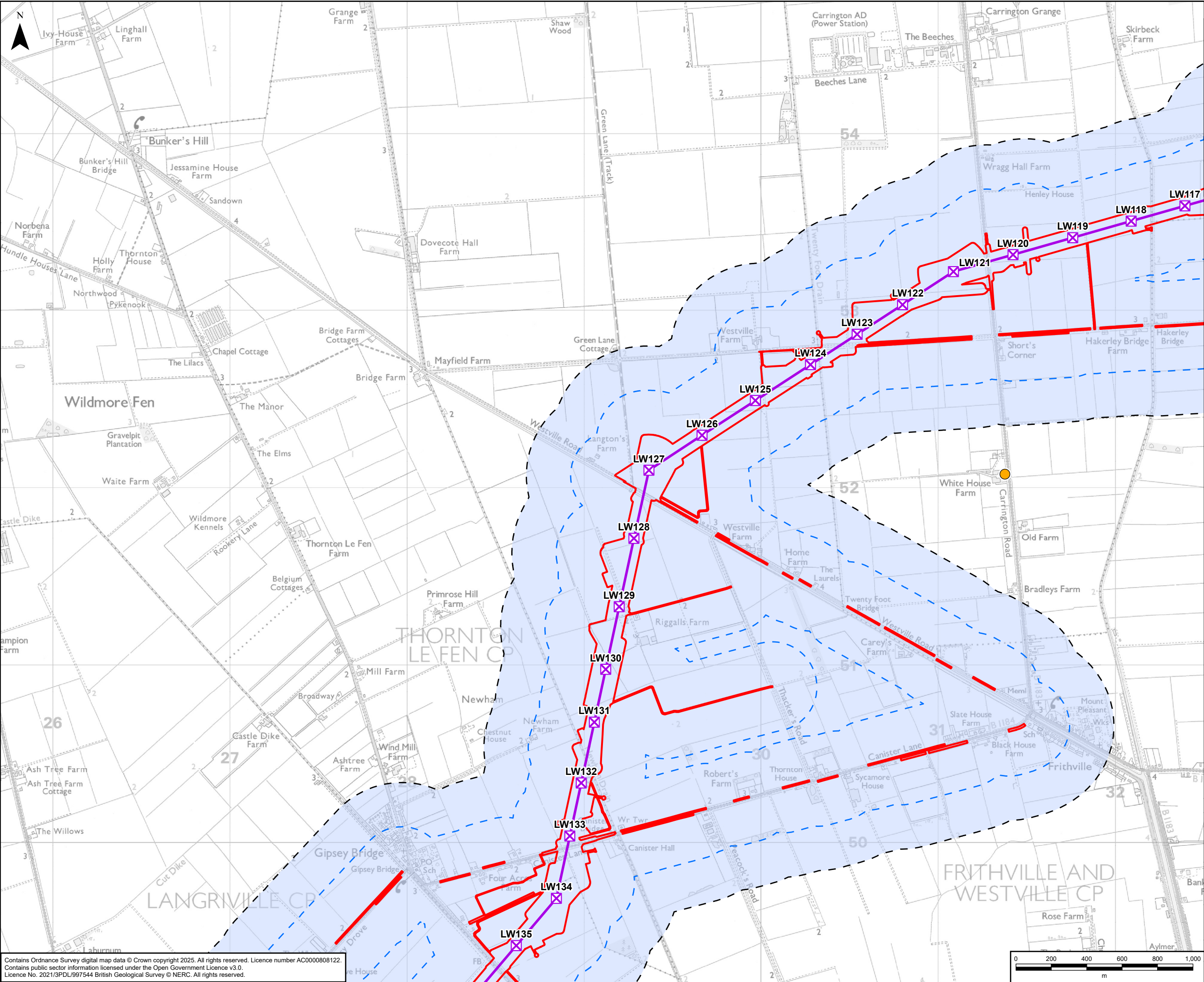
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GRIMSBY TO WALPOLE LEGEND

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Private Water Supply Location
- Aquifer Designation: Bedrock Geology
- Unproductive Strata

NOTE:
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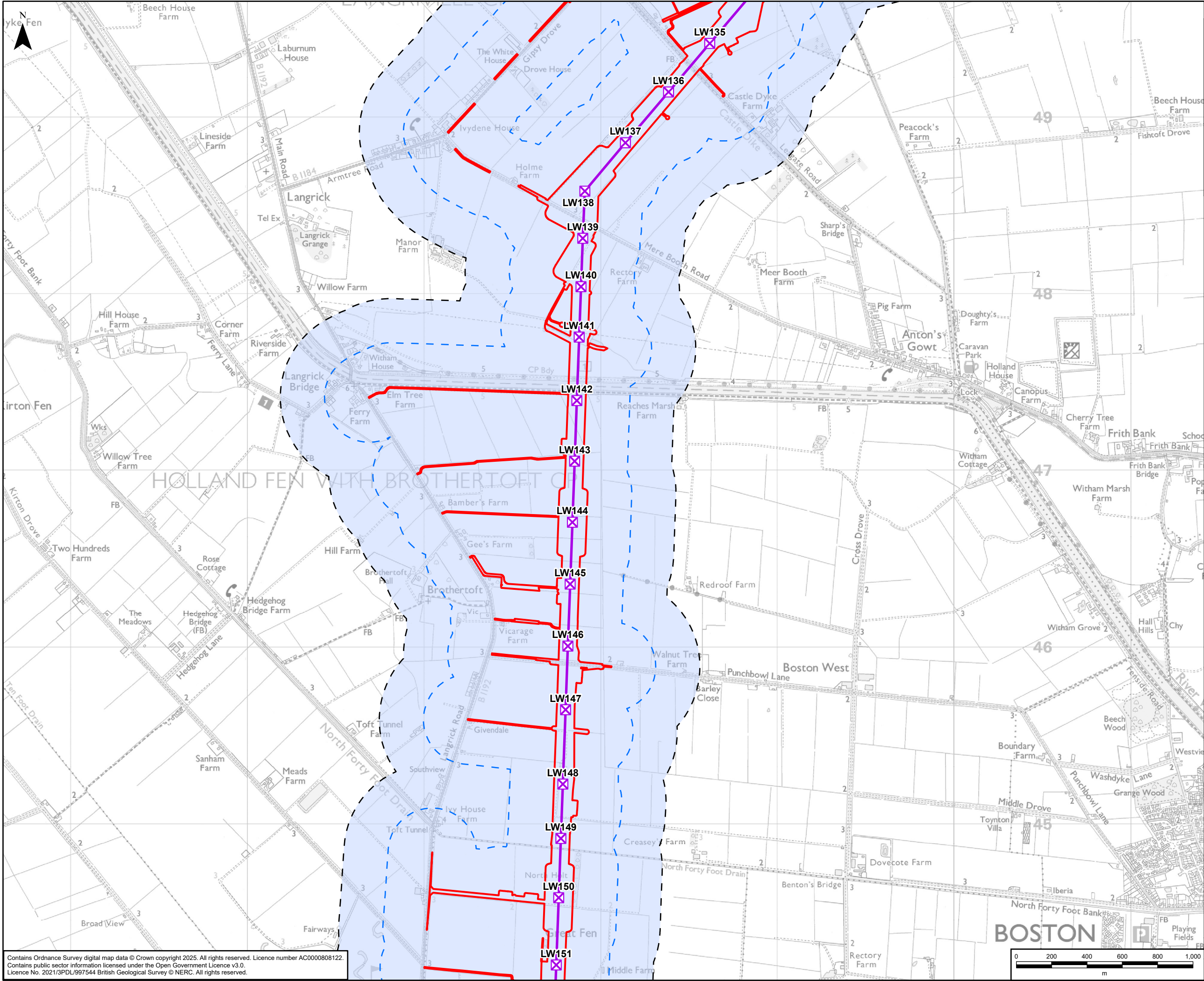
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AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Bedrock Geology

- Unproductive Strata

NOTE:
PWS - The abstracted unit is not known, and therefore may include abstractions from either superficial or bedrock geology.

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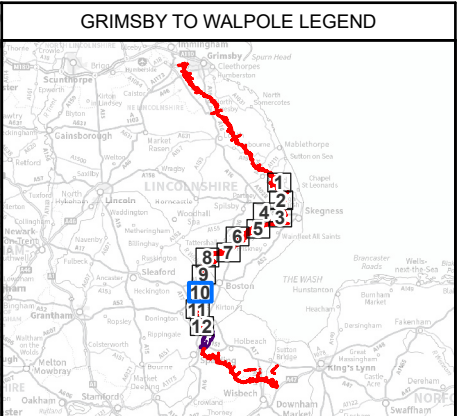
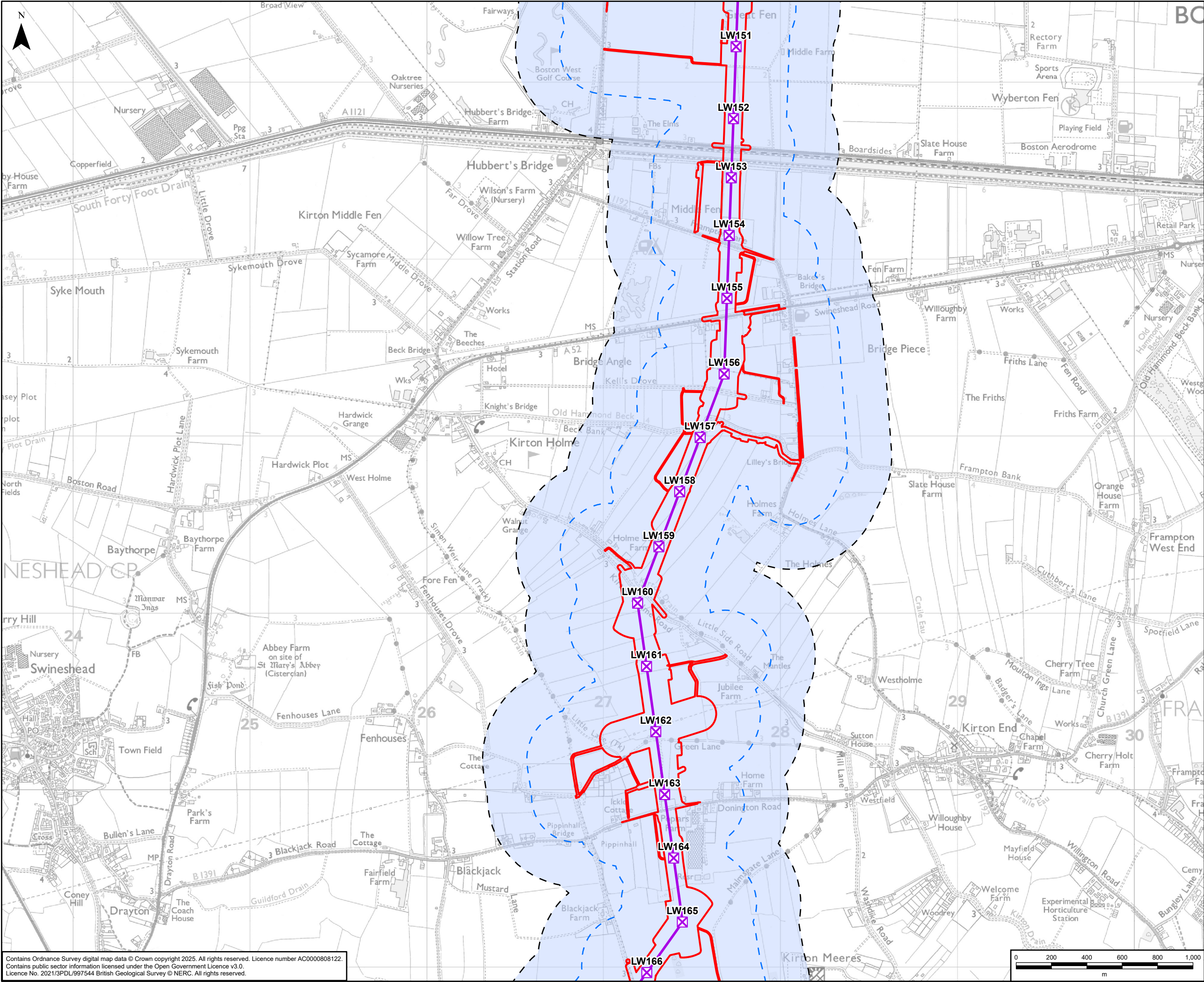
Purpose: PEI REPORT - SECTION 4

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.6
AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

Creator: LC	Date: 12/05/2025	Checker: SG	Date: 12/05/2025	Approver: DR	Date: 12/05/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Aquifer Designation: Bedrock Geology

- Unproductive Strata

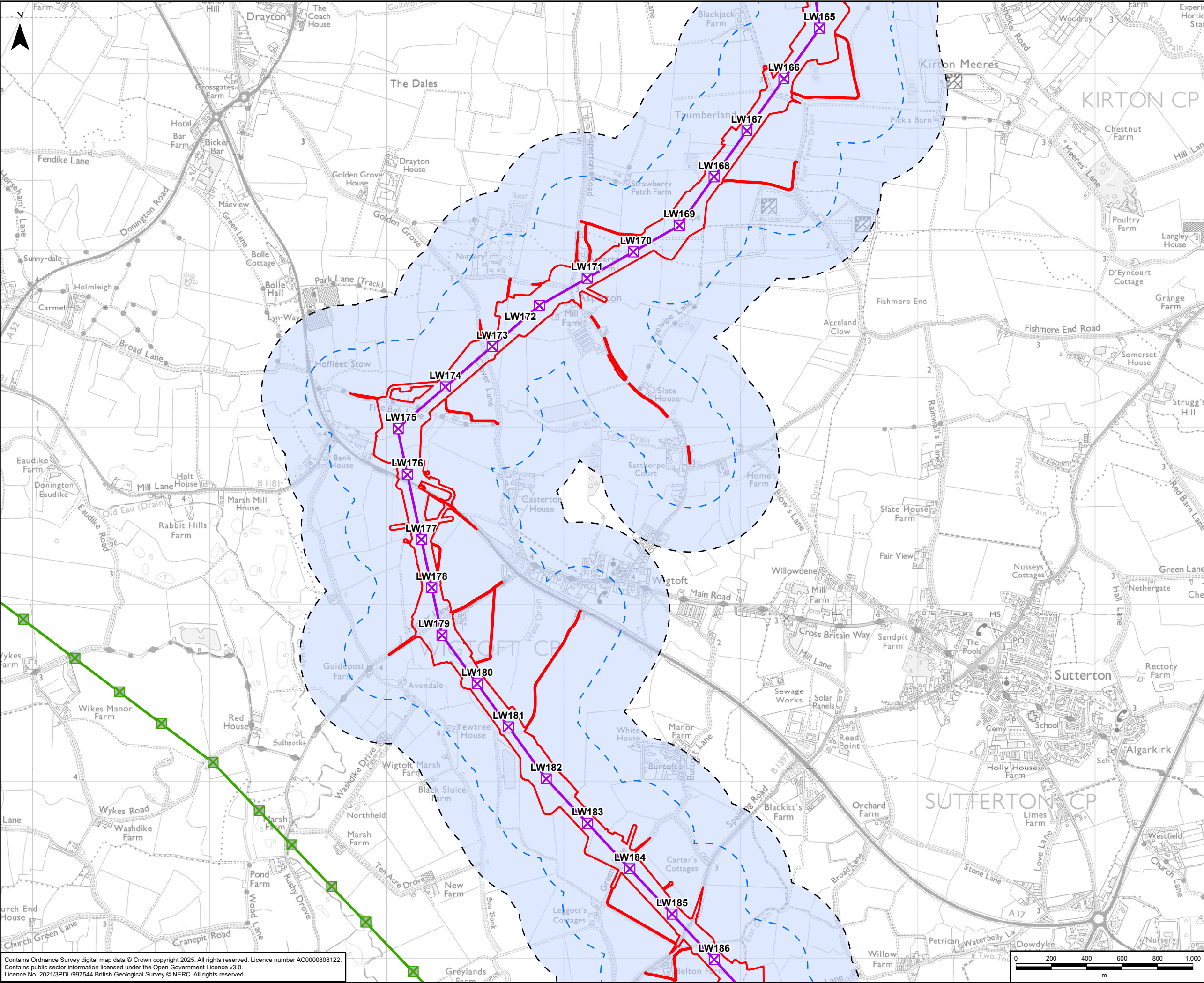
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Purpose:		PEI REPORT - SECTION 4			
Scheme:		GRIMSBY TO WALPOLE			
Document Title:		FIGURE 7.6 AQUIFER DESIGNATIONS: BEDROCK GEOLOGY			
Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	12/05/2025	SG	12/05/2025	DR	12/05/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

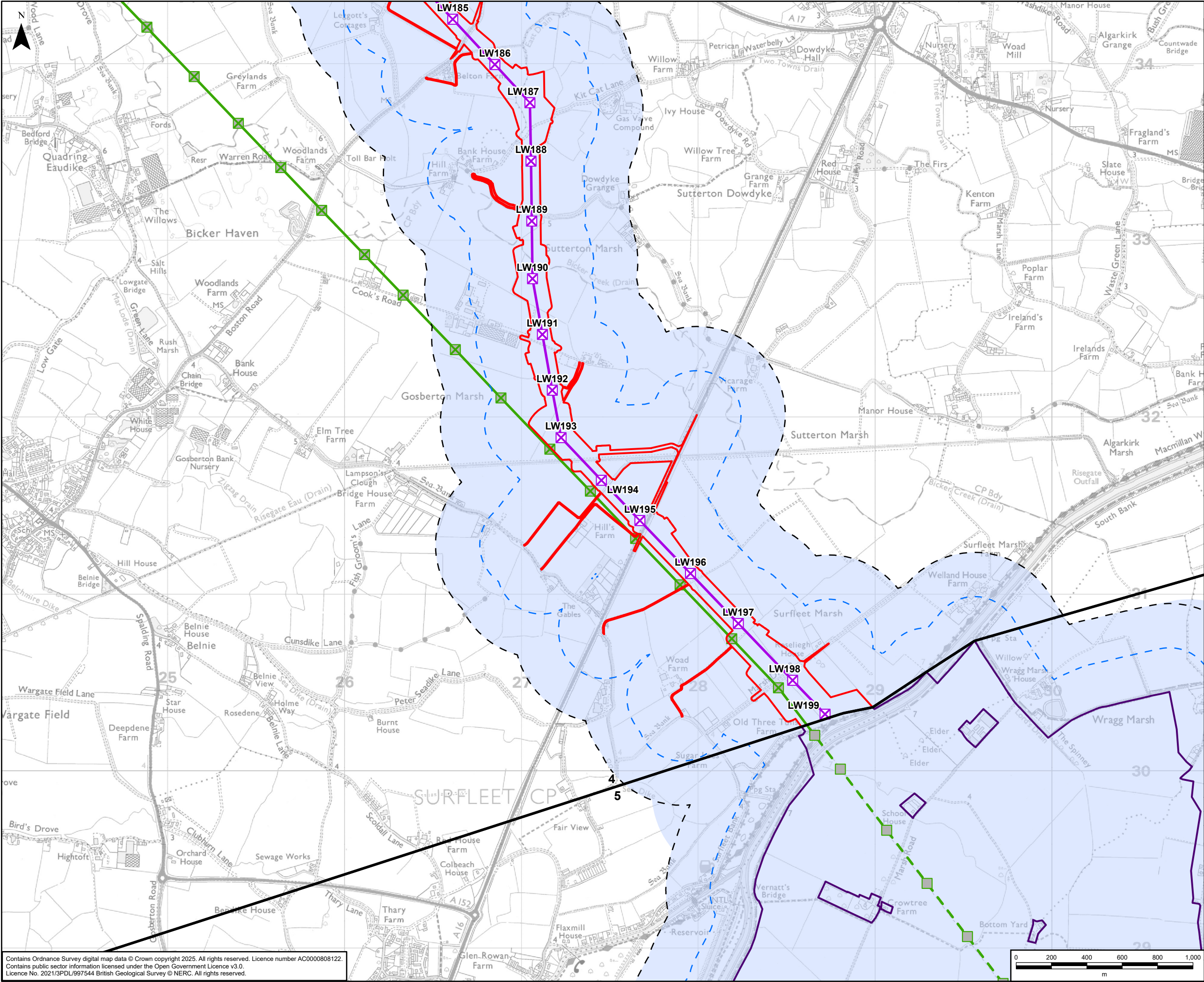
- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Aquifer Designation: Bedrock Geology
- Unproductive Strata

NOTE:
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Document Type:	FIGURE	Scale:	1:20,000	Format:	A3	Sheets:	11 OF 12	Rev:	A		



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

Aquifer Designation: Bedrock Geology

- Unproductive Strata

NOTE:
PWS - The abstracted unit is not known, and therefore may include abstractions from either superficial or bedrock geology.

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Purpose: PEI REPORT - SECTION 4

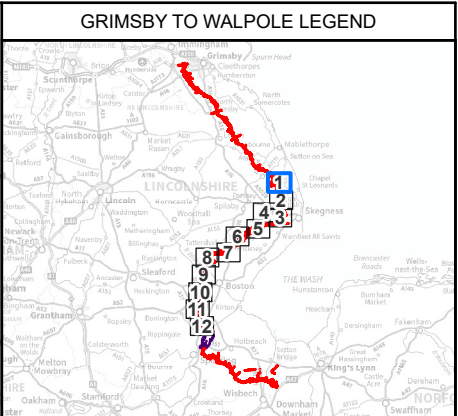
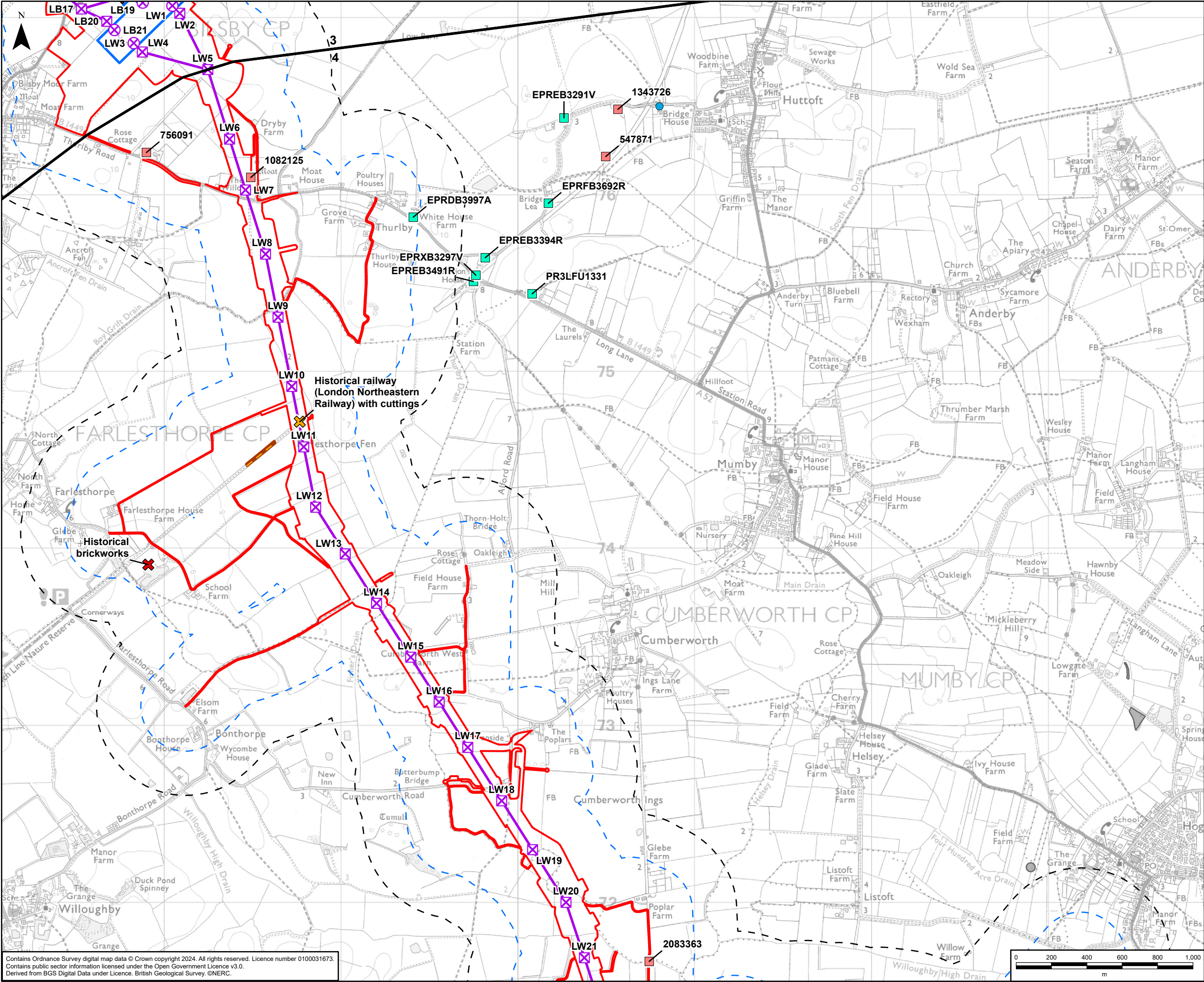
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Document Title: FIGURE 7.6
AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

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FIGURE	1:20,000	A3	12 OF 12	A

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Lincolnshire Waste Site (LCC)
- Historical Railway
- Surface Ground Workings
- Historic Landfill Site (EA)

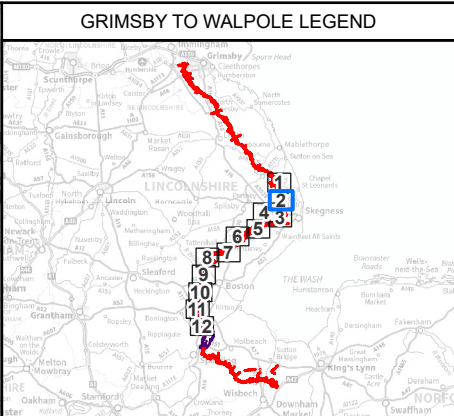
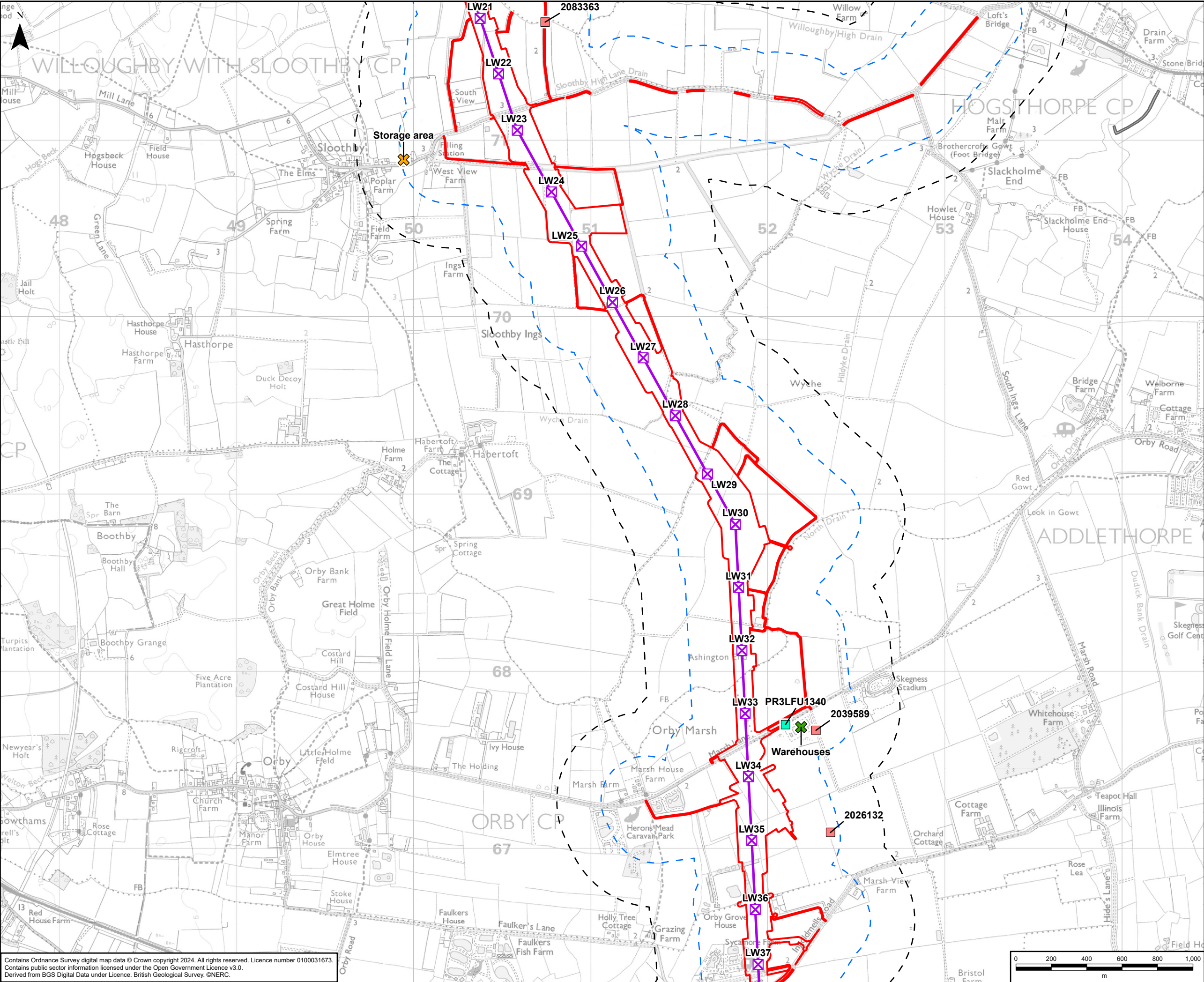
Features of Contamination Potential

- Moderate
- High

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
EA abstraction information has not been digitised as this is protected information.

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Purpose: PEI REPORT - SECTION 4					
Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 7.7 LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES					
Creator: LC	Date: 12/05/2025	Checker: SG	Date: 12/05/2025	Approver: DR	Date: 12/05/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Historic Landfill Site (EA)

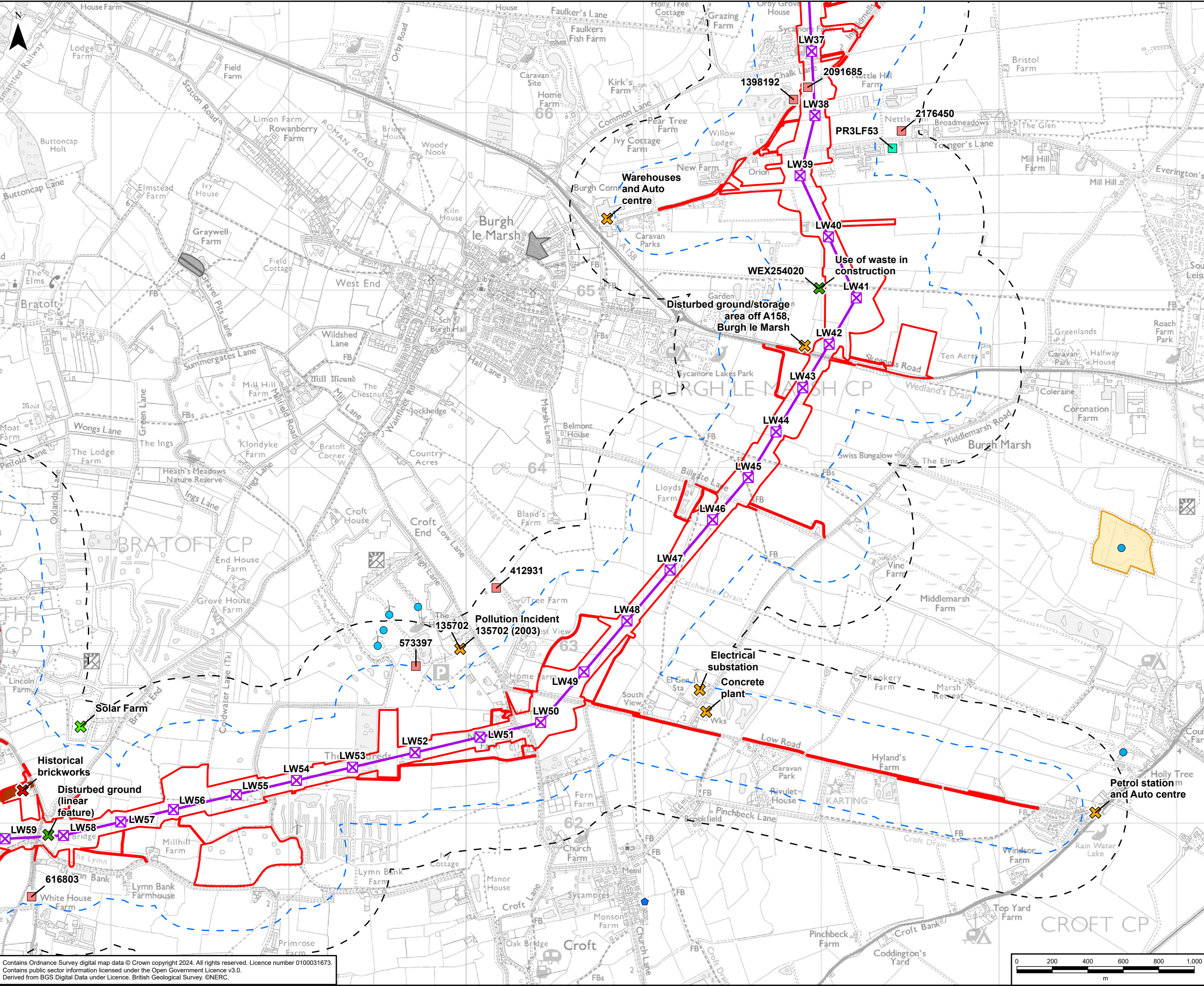
Features of Contamination Potential

- Low
- Moderate

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

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Purpose: PEI REPORT - SECTION 4					
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Document Title: FIGURE 7.7 LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES					
Creator:	Date:	Checker:	Date:	Approver:	Date:
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FIGURE	1:20,000	A3	2 OF 12	A	



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Waste Exemption (EA)
- Recent Industrial Land Uses
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)
- Surface Ground Workings
- Historic Landfill Site (EA)
- Permitted Waste Site - Authorised Landfill (EA)

Features of Contamination Potential

- Very Low
- Low
- Moderate
- High

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LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
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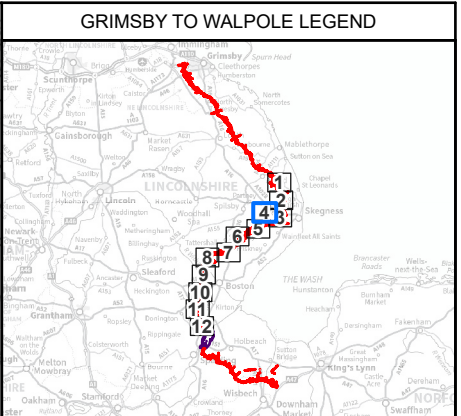
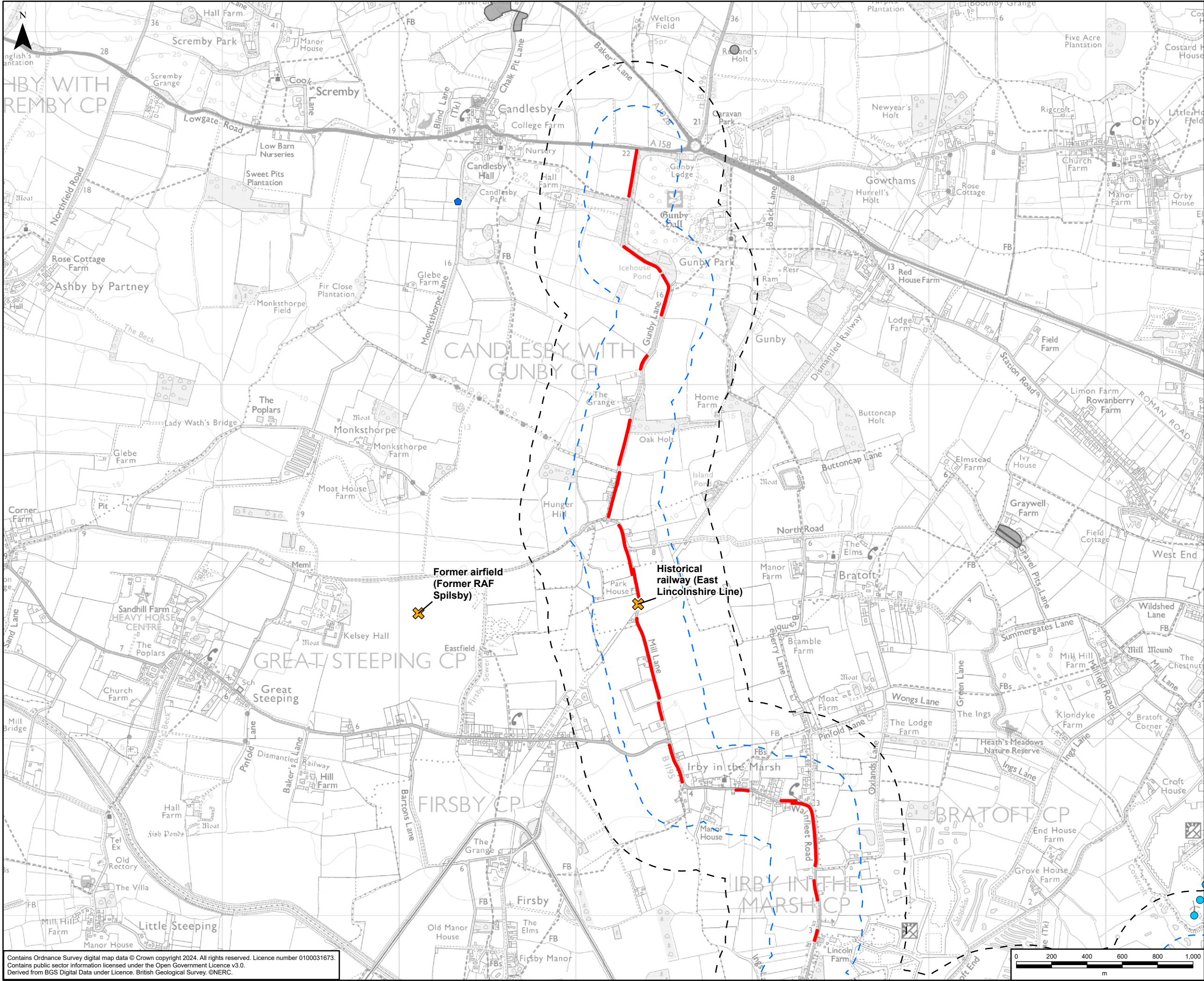
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.7
LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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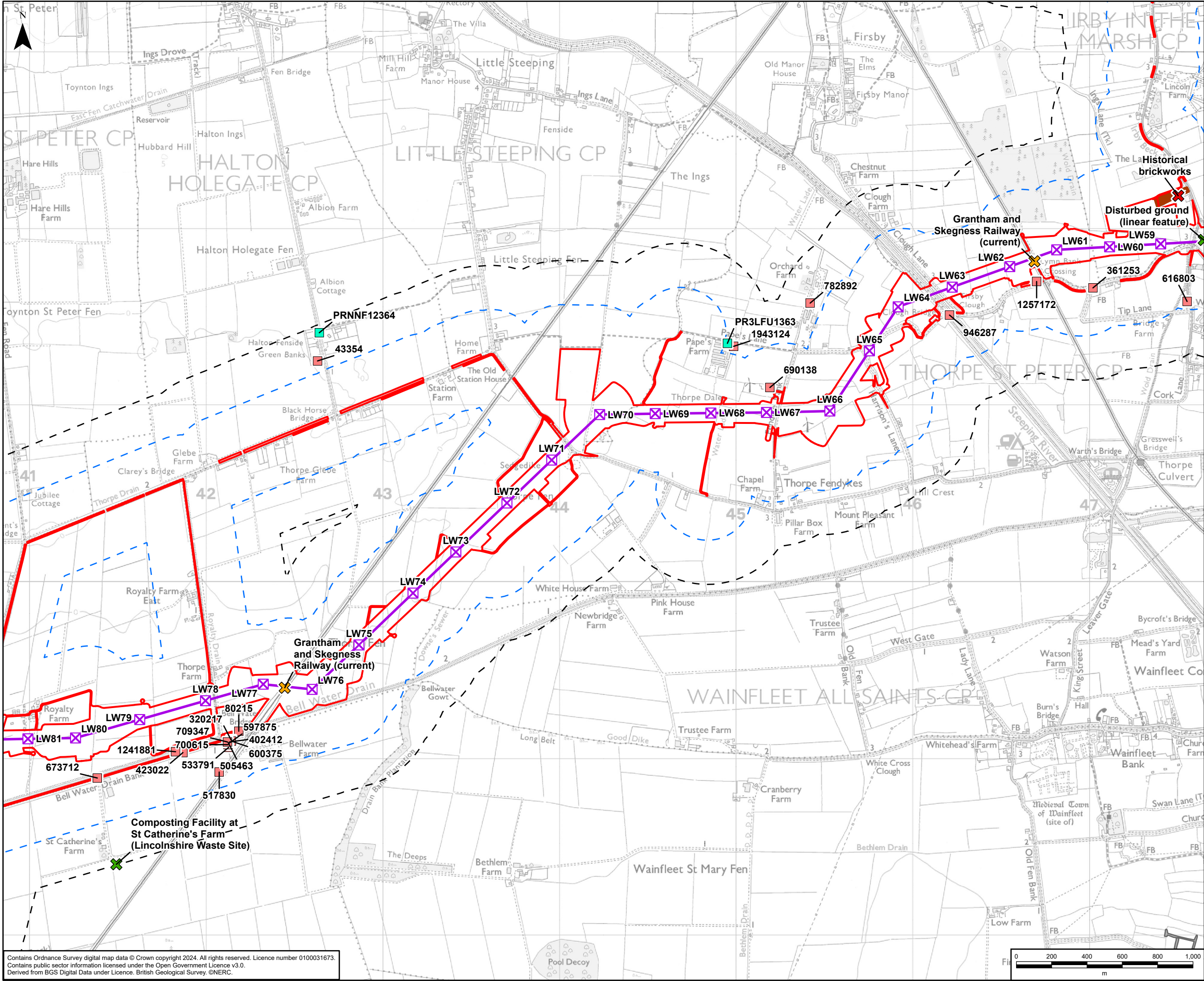
- Legend**
- Draft Order Limits
 - 250m Study Area
 - 500m Study Area
 - Recent Industrial Land Uses
 - Sewage Treatment Works (LCC)
 - Historic Landfill Site (EA)
- Features of Contamination Potential**
- Moderate

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
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Purpose: PEI REPORT - SECTION 4					
Scheme: GRIMSBY TO WALPOLE					
Document Title: FIGURE 7.7 LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES					
Creator: LC	Date: 12/05/2025	Checker: SG	Date: 12/05/2025	Approver: DR	Date: 12/05/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Lincolnshire Waste Site (LCC)
- Surface Ground Workings
- Historic Landfill Site (EA)

Features of Contamination Potential

- Low
- Moderate
- High

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
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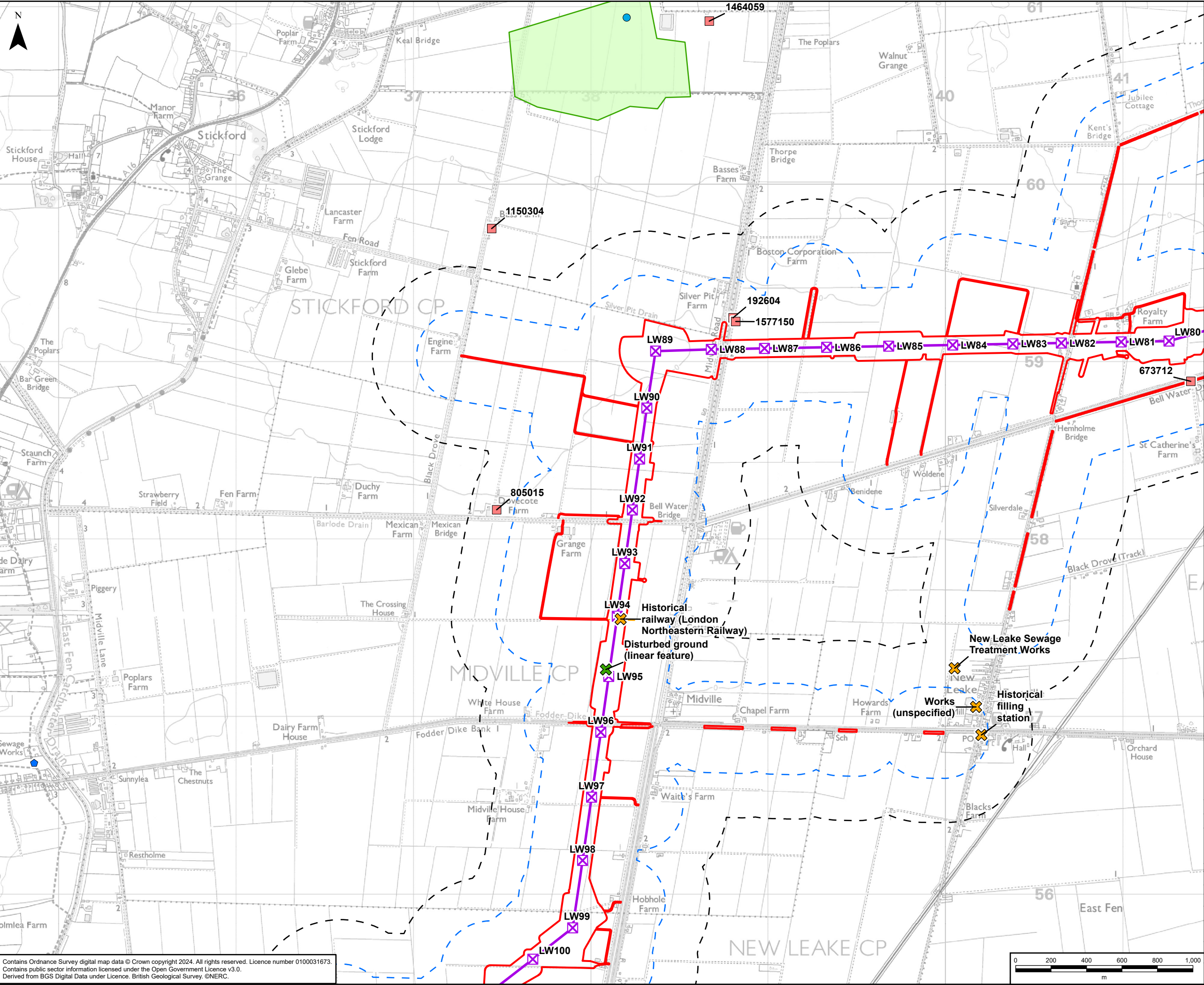
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)
- Historical Railway
- Existing Waste Site (LCC)

Features of Contamination Potential

- Low
- Moderate

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
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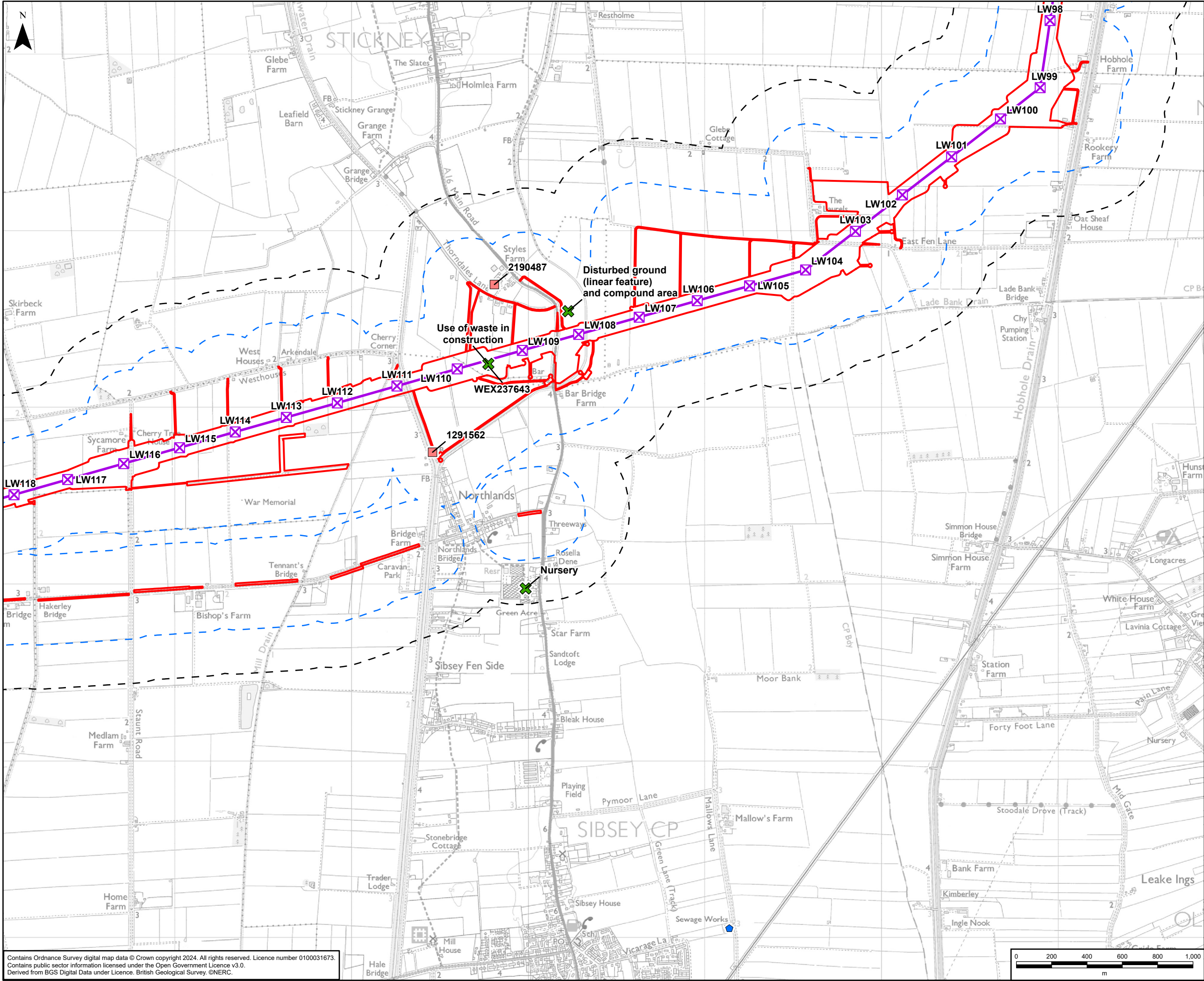
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LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Waste Exemption (EA)
- Sewage Treatment Works (LCC)

Features of Contamination Potential

- Low

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
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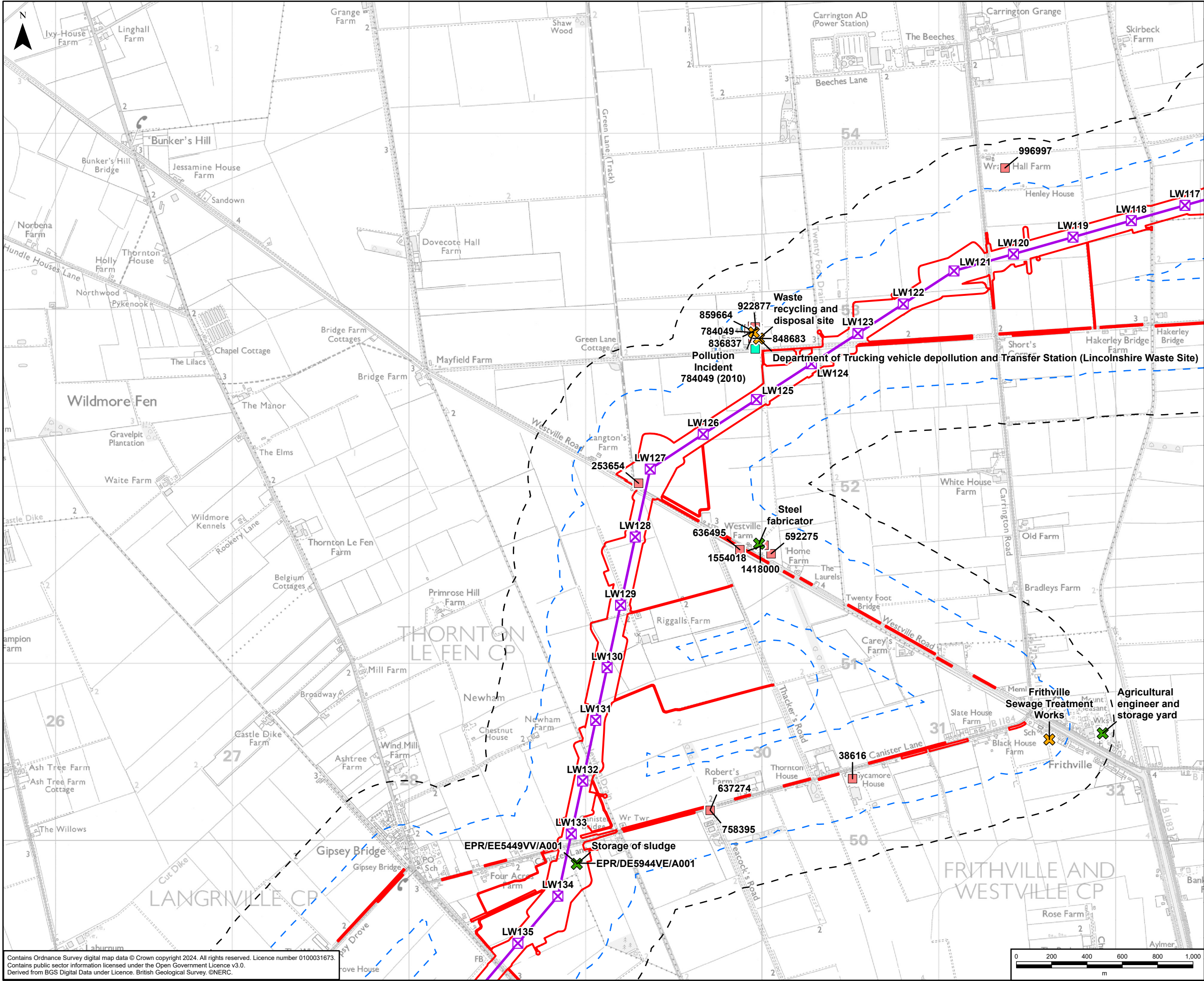
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Purpose: PEI REPORT - SECTION 4

Scheme: GRIMSBY TO WALPOLE

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LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Waste Exemption (EA)
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)

Features of Contamination Potential

- Low
- Moderate

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.
EA abstraction information has not been digitised as this is protected information.

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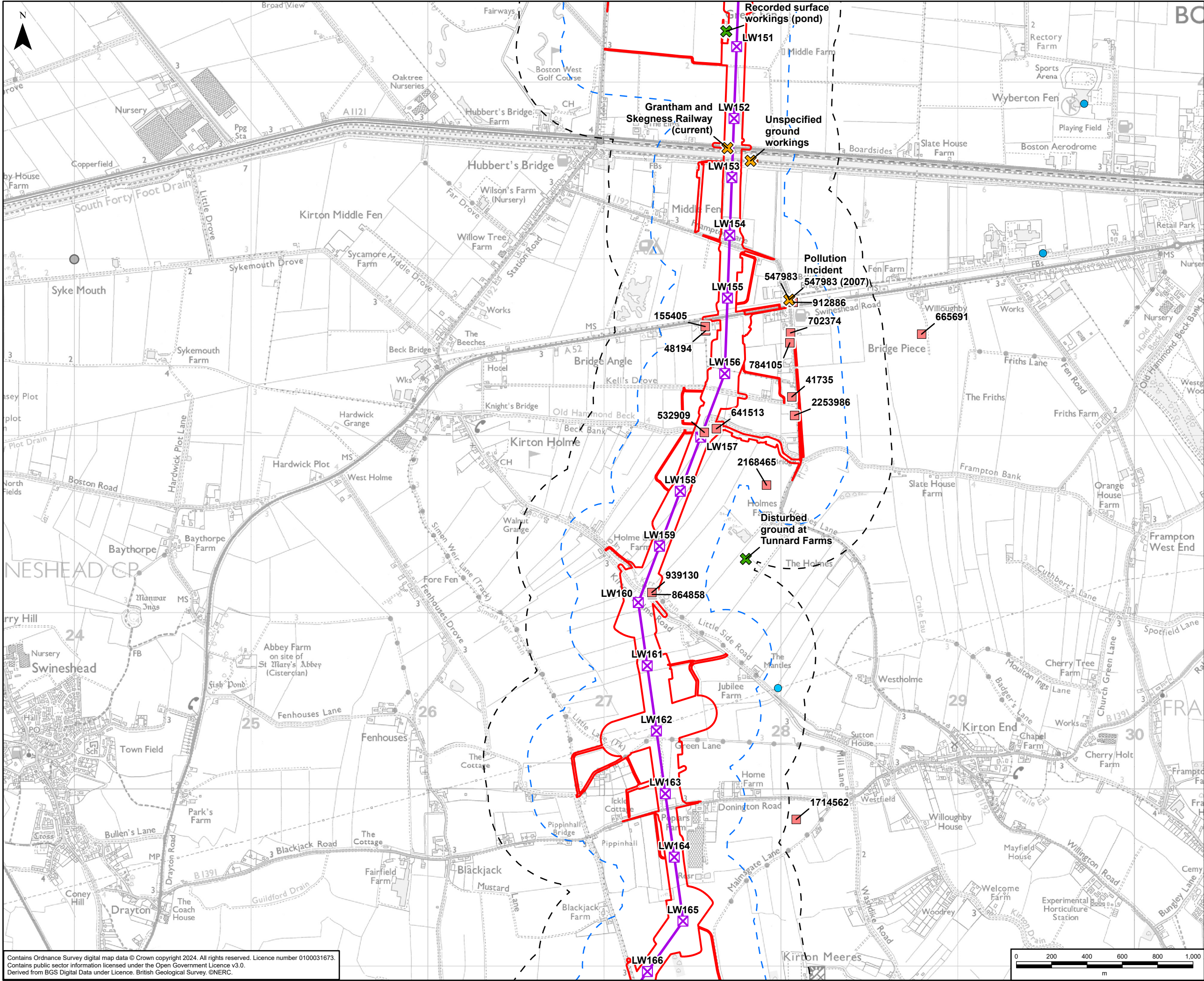
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LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Pollution Incident Location (EA)
- Recent Industrial Land Uses
- Lincolnshire Waste Site (LCC)
- Surface Ground Workings
- Historic Landfill Site (EA)

Features of Contamination Potential

- Low
- Moderate

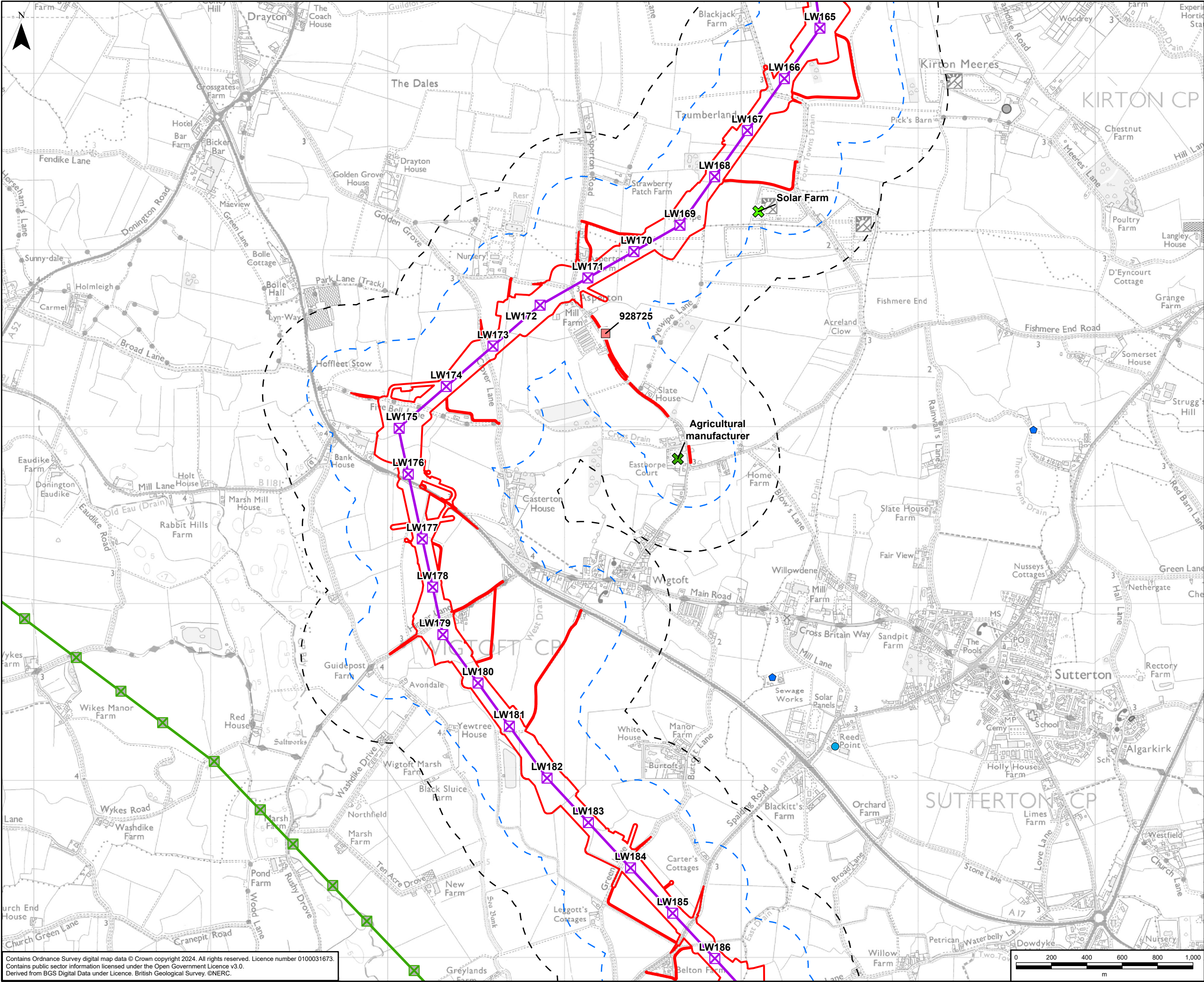
The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

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Document Title:	FIGURE 7.7 LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES										
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Pollution Incident Location (EA)
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)
- Historic Landfill Site (EA)

Features of Contamination Potential

- Very Low
- Low

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

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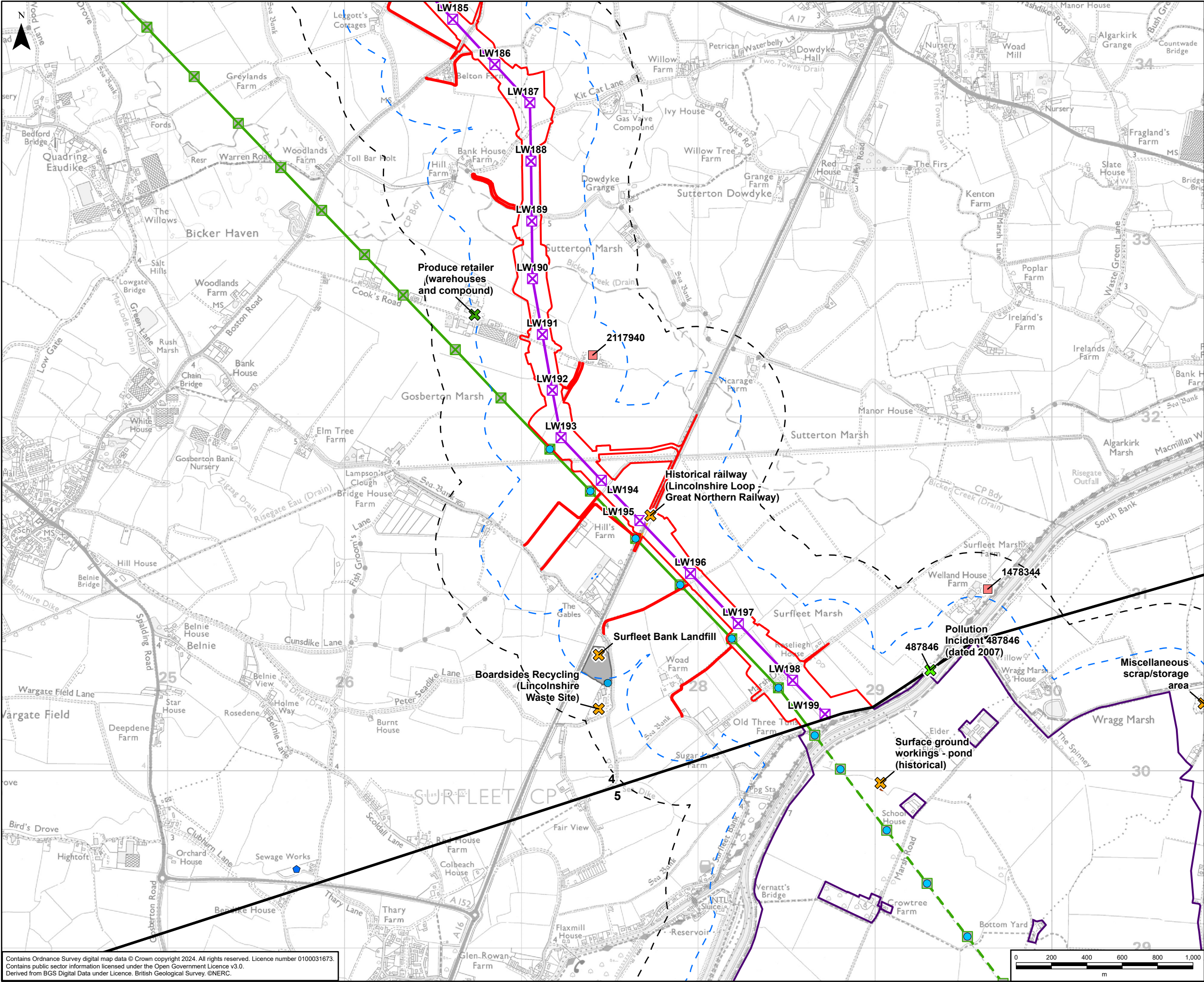
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LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Pollution Incident Location (EA)
- Recent Industrial Land Uses
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)
- Historical Railway
- Surface Ground Workings
- Historic Landfill Site (EA)

Features of Contamination Potential

- Very Low
- Low
- Moderate

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