

**The Great Grid Upgrade**

Grimsby to Walpole

# Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 5 Refined Weston Marsh Substation Siting Zone

Chapter 10 Noise and Vibration

Figures

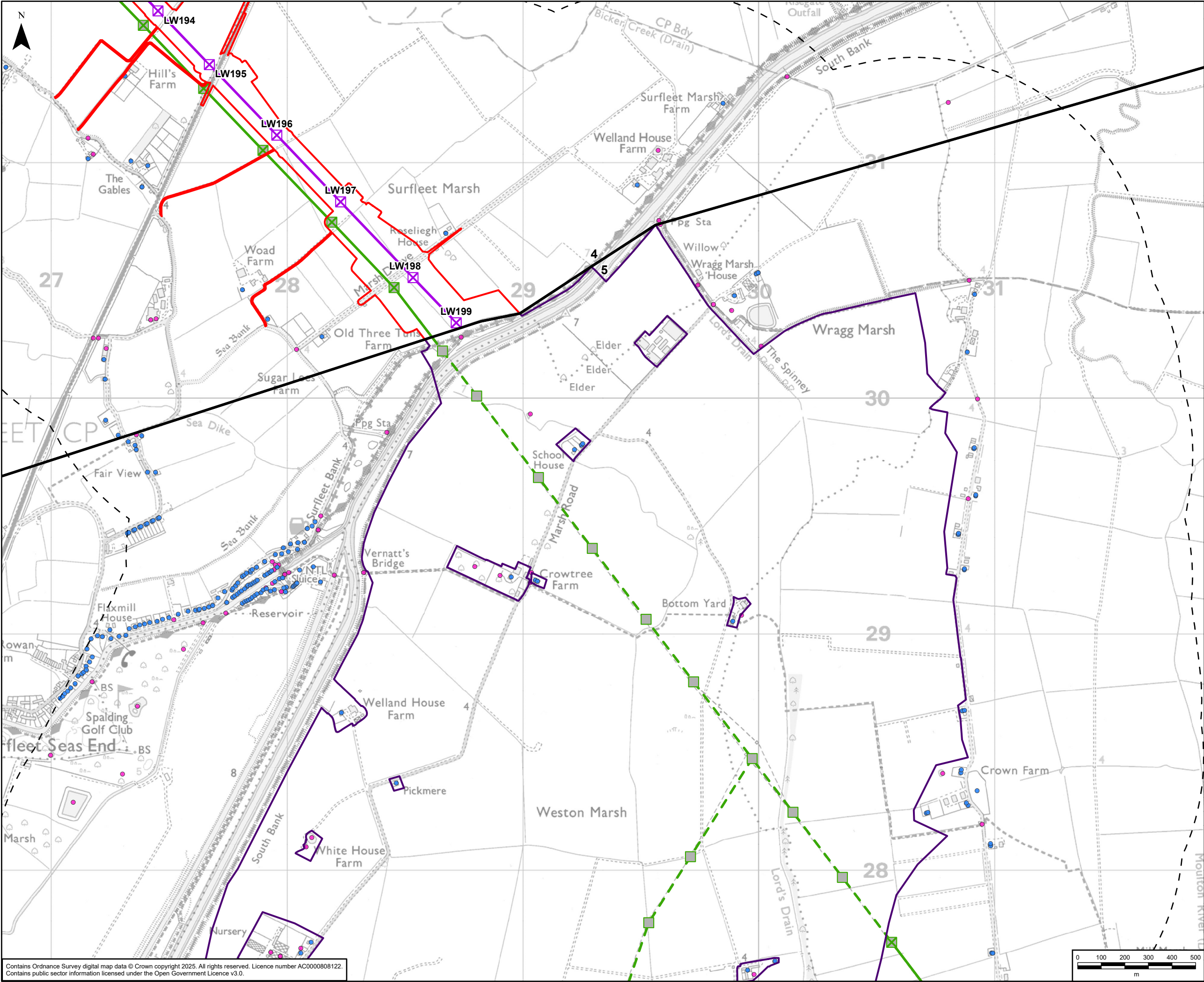
June 2025





# Volume 2 Part B Section 5 Chapter 10 – Figure List

Figure number	Figure title
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Figure 10.2	Noise and Vibration Baseline
Figure 10.3	Initial Construction Noise Assessment Outputs
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### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- 1km 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

**Address Data**

- Residential
- Non-Residential

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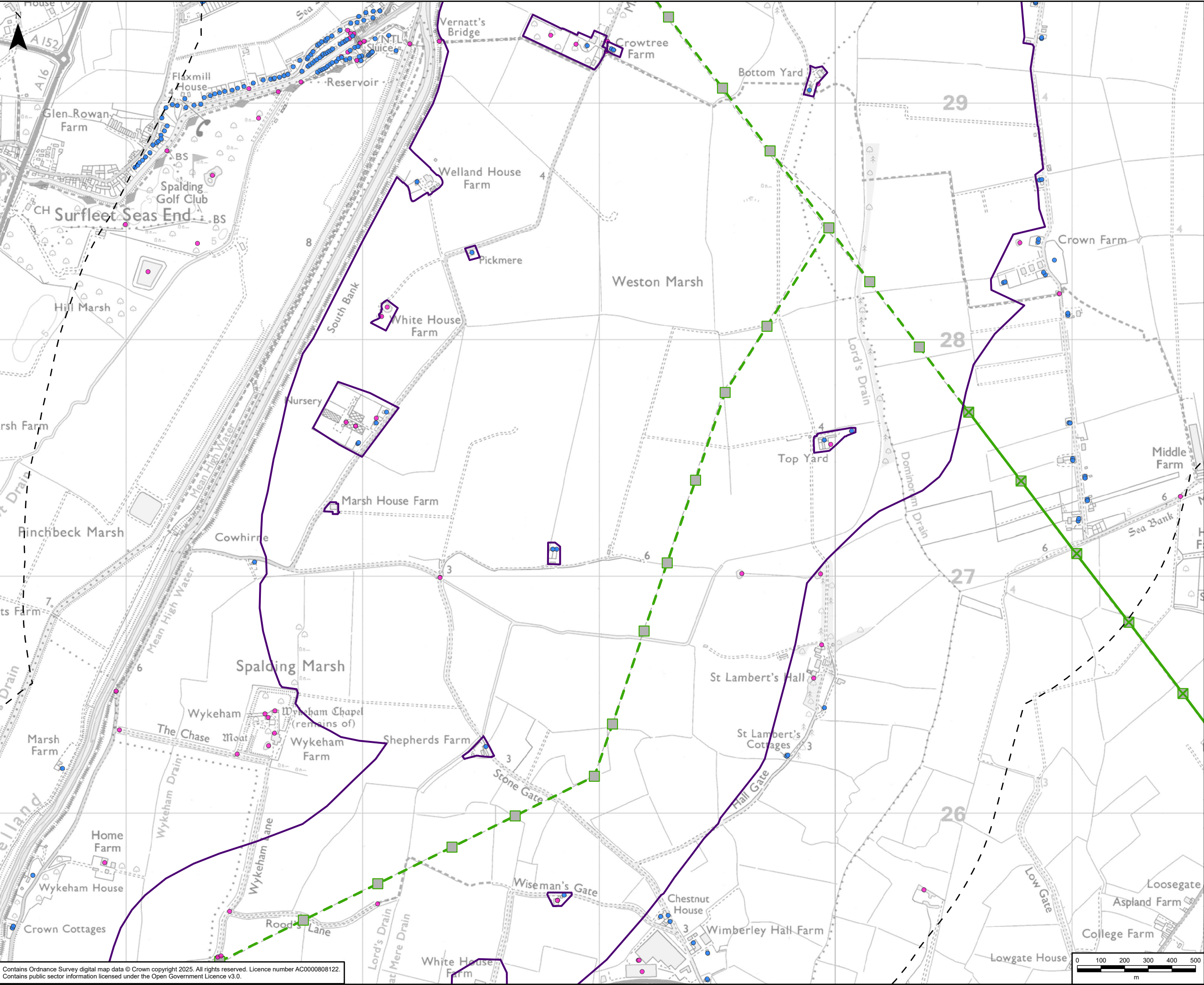
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### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Refined Weston Marsh Substation Siting Zone
- 1km Study Area
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

**Address Data**

- Residential
- Non-Residential

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Scheme: GRIMSBY TO WALPOLE

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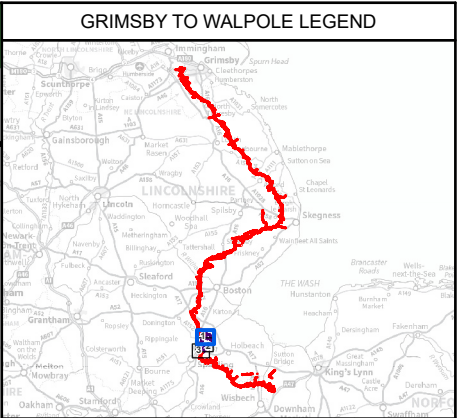
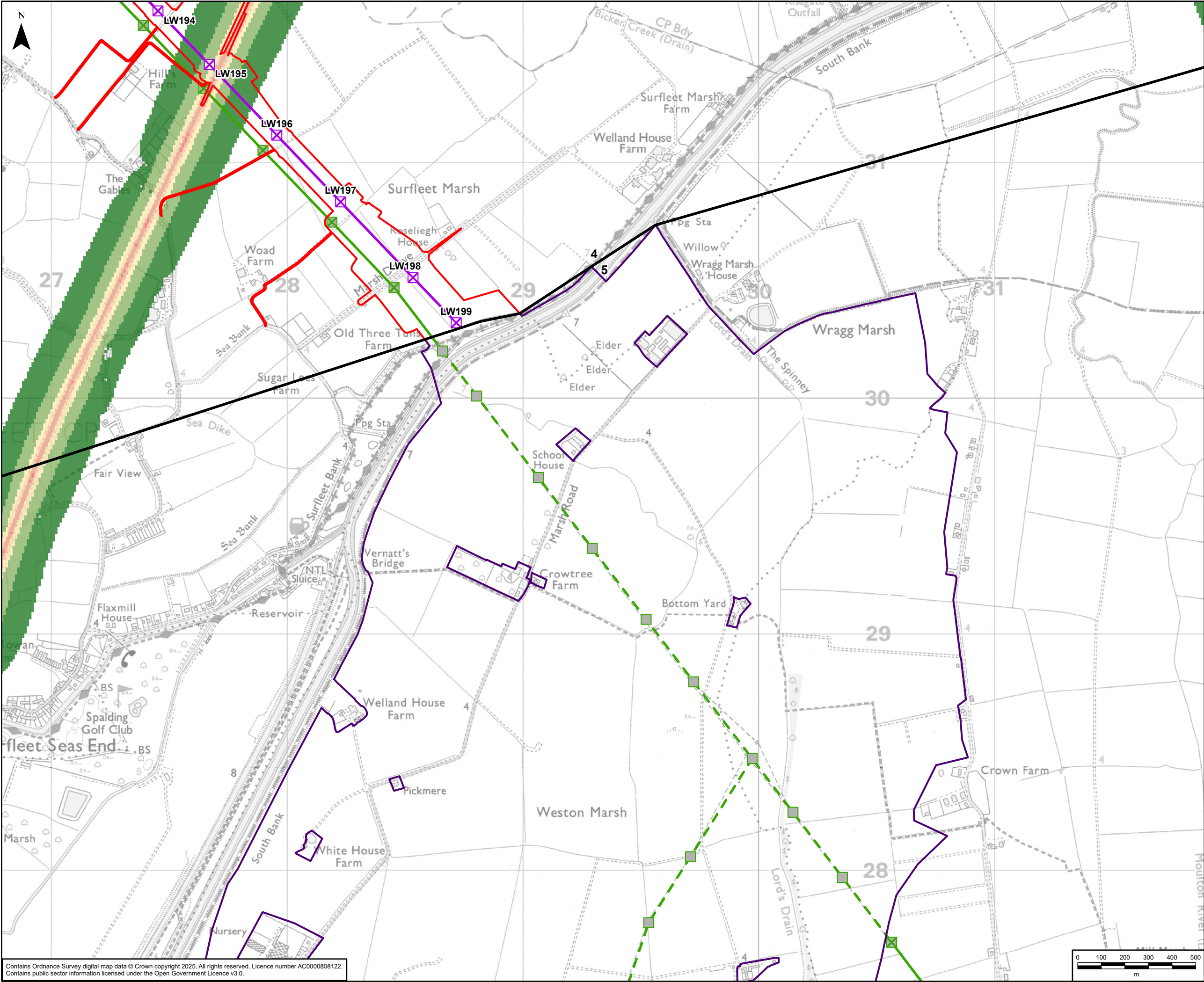
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**GRIMSBY TO WALPOLE LEGEND**

**Legend**

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- ✕ 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

**Defra Noise Data (Road) - dBA**

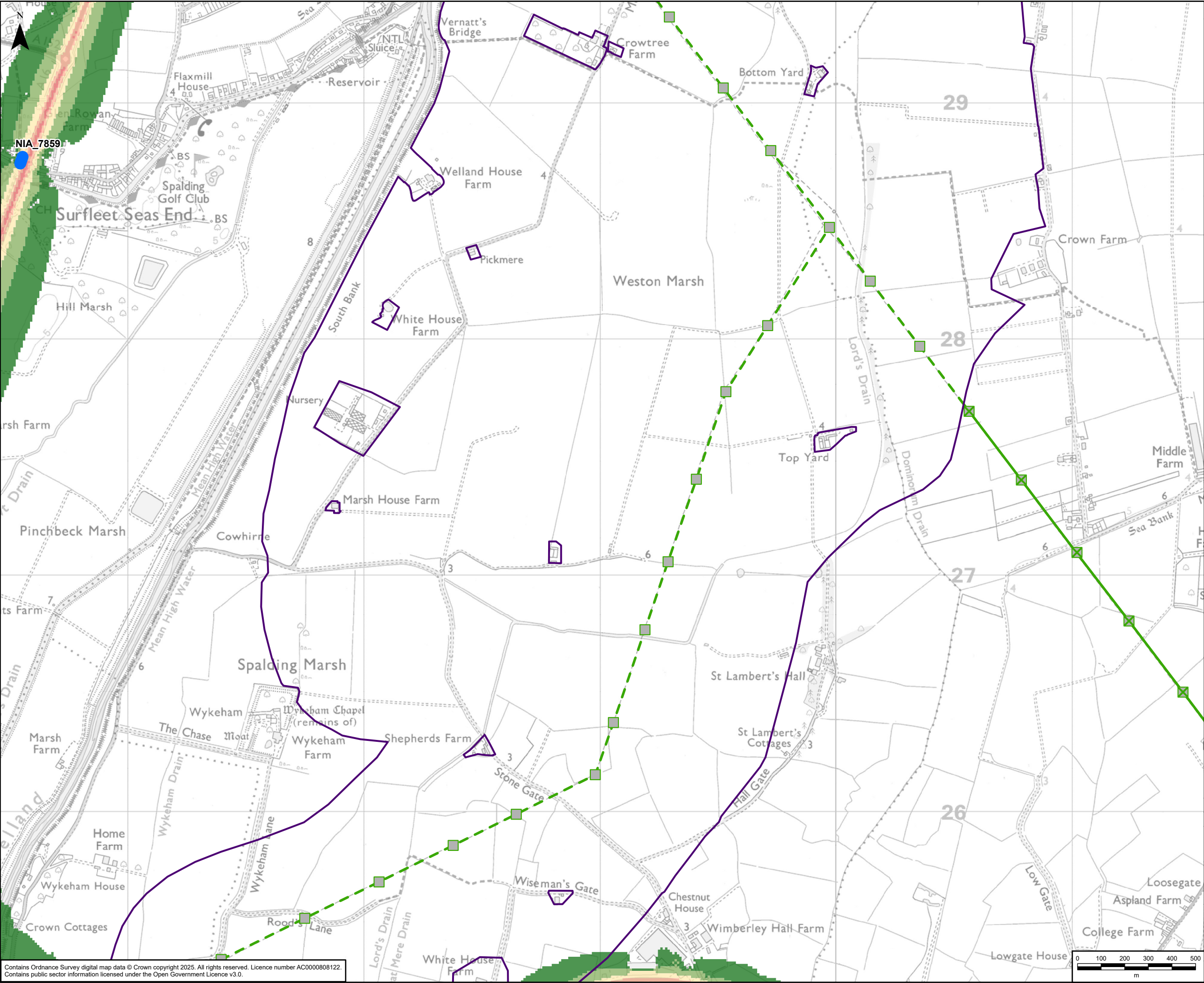
- >=75.0
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

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### GRIMSBY TO WALPOLE LEGEND

Legend

- Refined Weston Marsh Substation Siting Zone
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Noise Important Area

Defra Noise Data (Road) - dBA

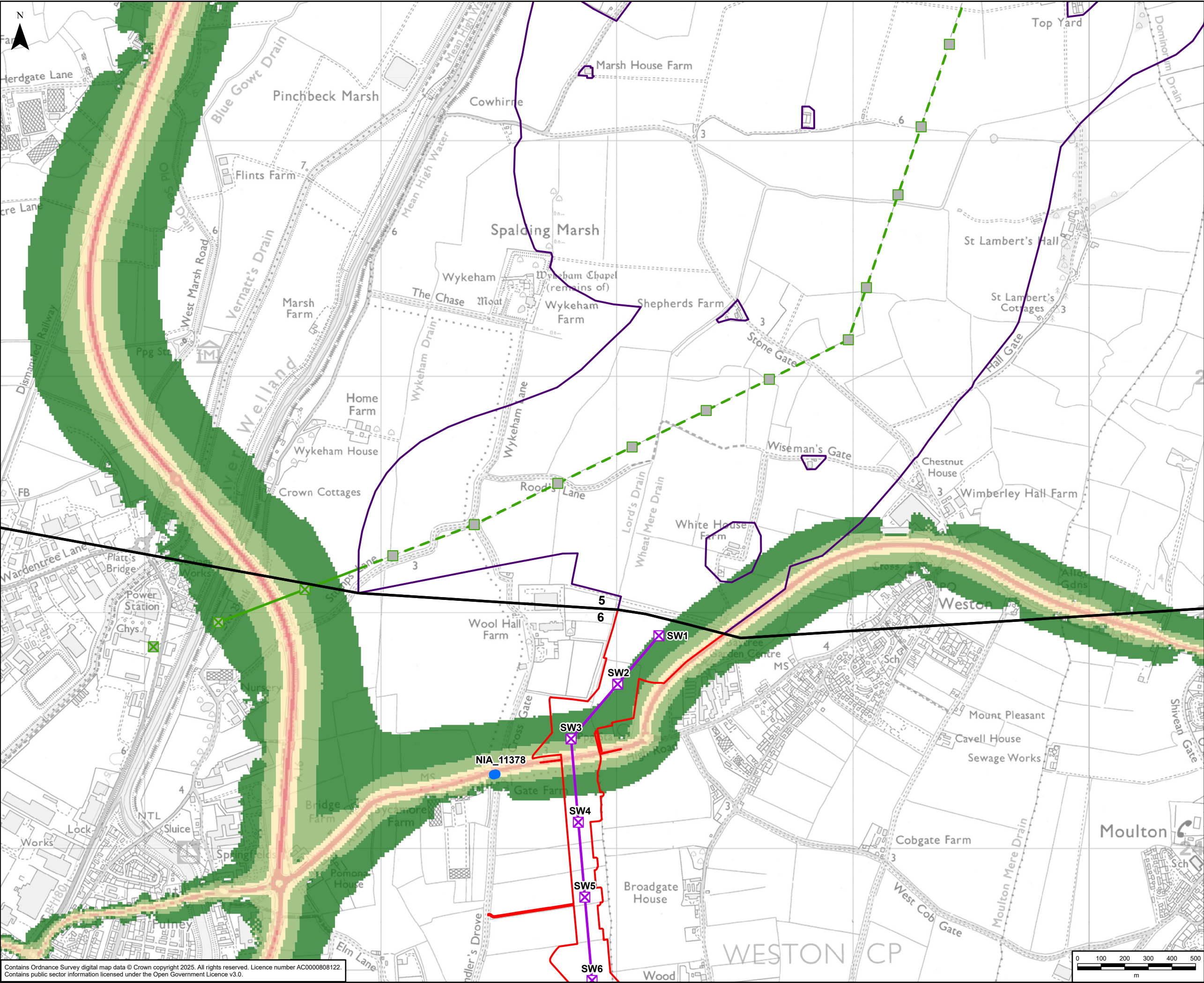
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- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

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### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- ✕ 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
- Noise Important Area

Defra Noise Data (Road) - dBA

- $\geq 75.0$
- 70.0-74.9
- 65.0-69.9
- 60.0-64.9
- 55.0-59.9

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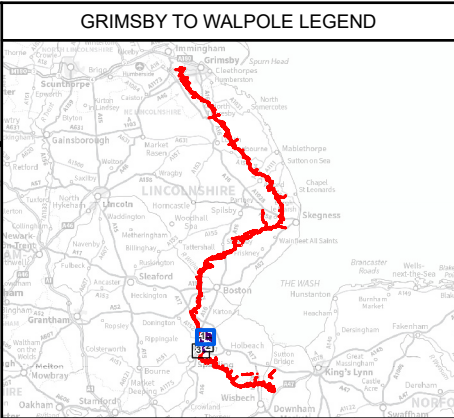
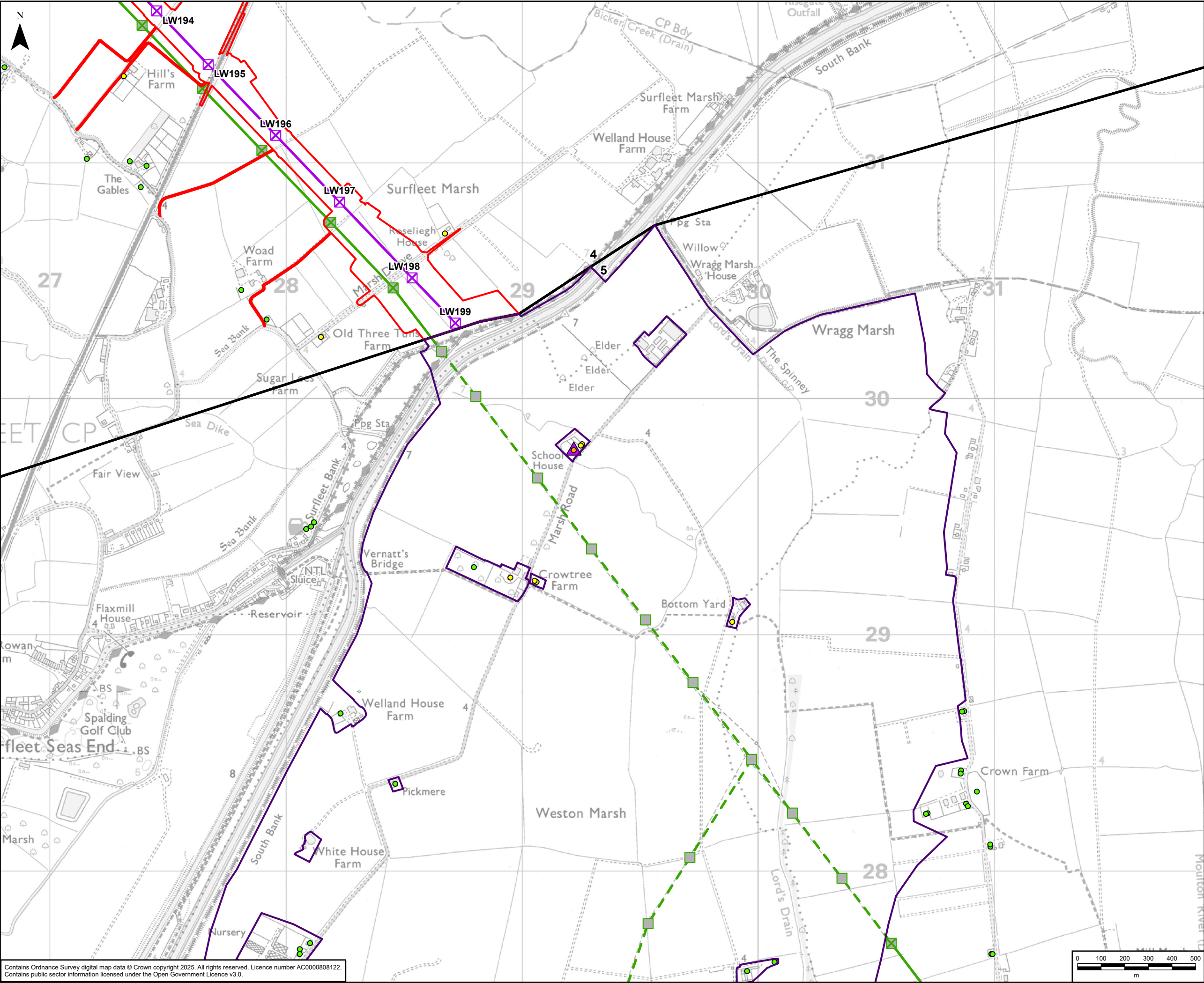
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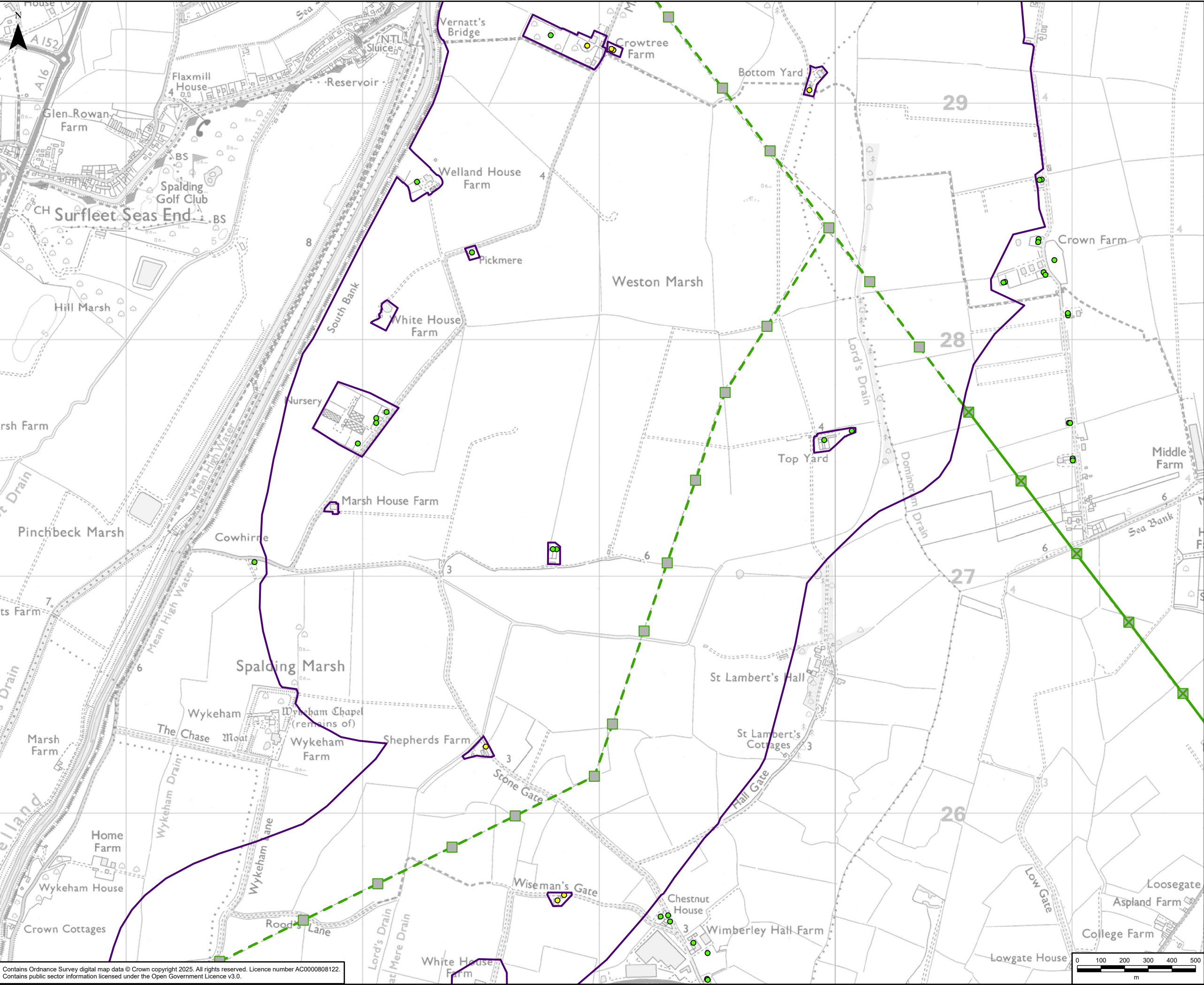


- Legend**
- Draft Order Limits
  - Refined Weston Marsh Substation Siting Zone
  - Route Section Break
  - Indicative New Lattice Pylon
  - Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
  - Existing Lattice Pylon - Not Affected
  - Indicative New Overhead Line
  - Existing Overhead Line - Not Affected
  - Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Construction Noise Levels**
- Negligible
  - Small
  - Medium
- Construction Noise Assessment**
- Significant Adverse Effect - Residential

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### GRIMSBY TO WALPOLE LEGEND

#### Legend

- Refined Weston Marsh Substation Siting Zone
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- Existing Lattice Pylon - Not Affected
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

#### Construction Noise Levels

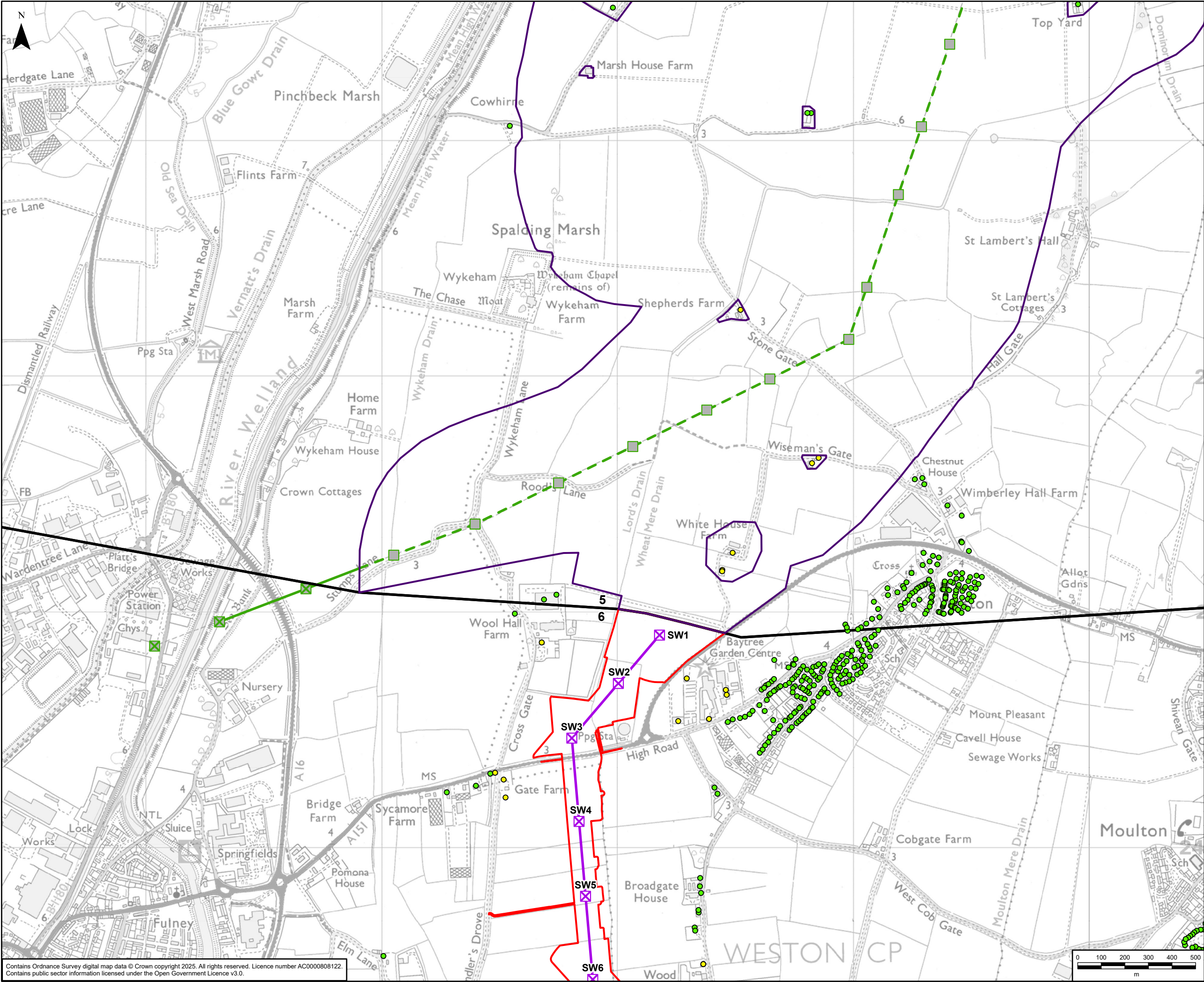
- Negligible
- Small

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### GRIMSBY TO WALPOLE LEGEND

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- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Construction Noise Levels**
  - Negligible
  - Small

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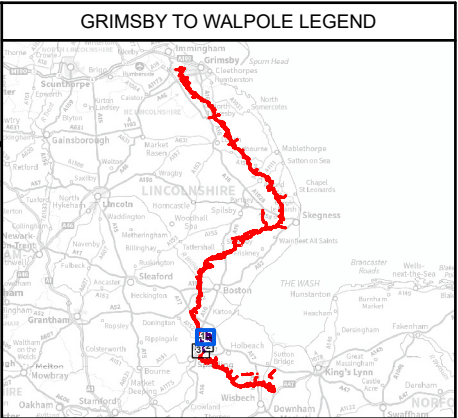
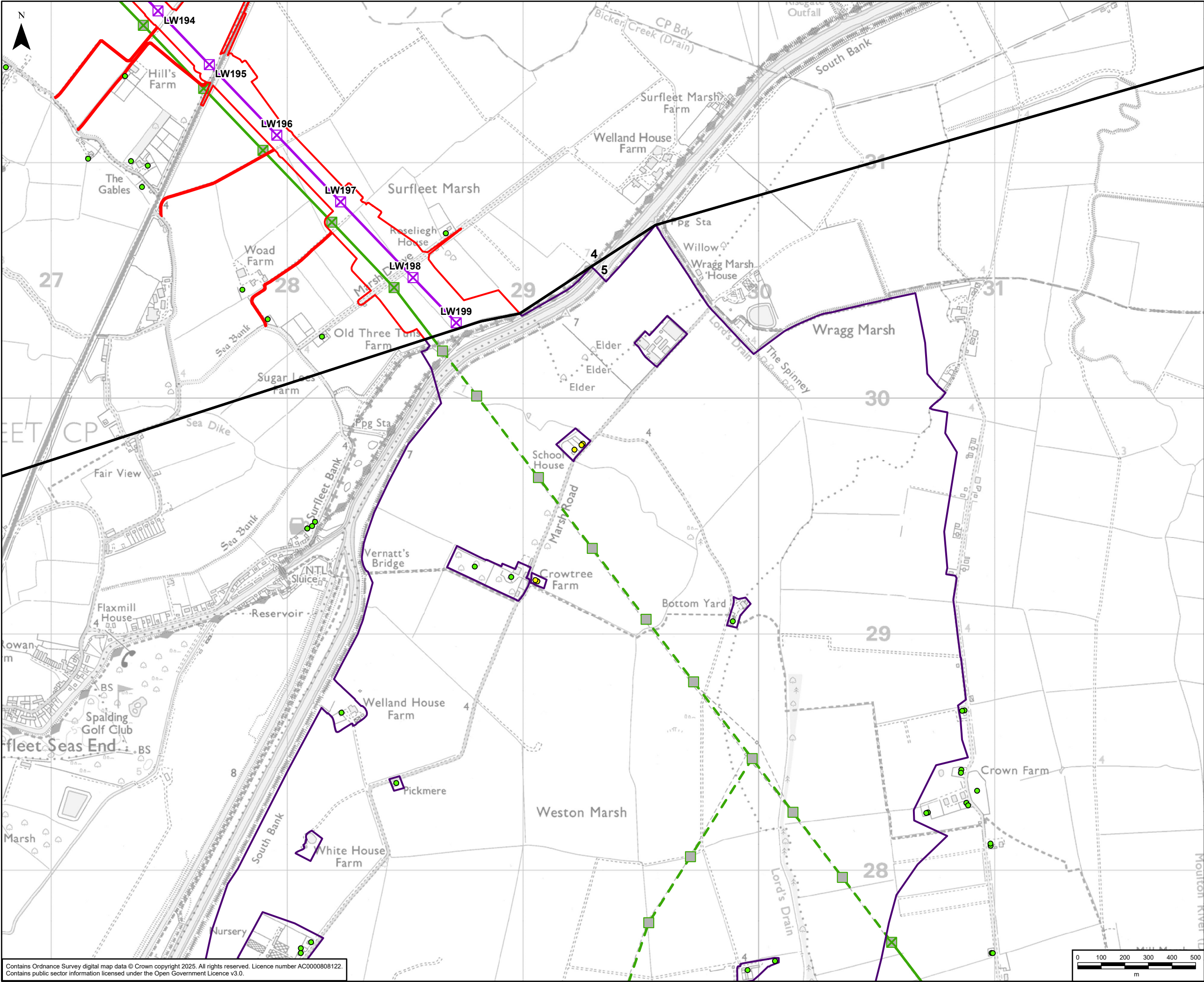
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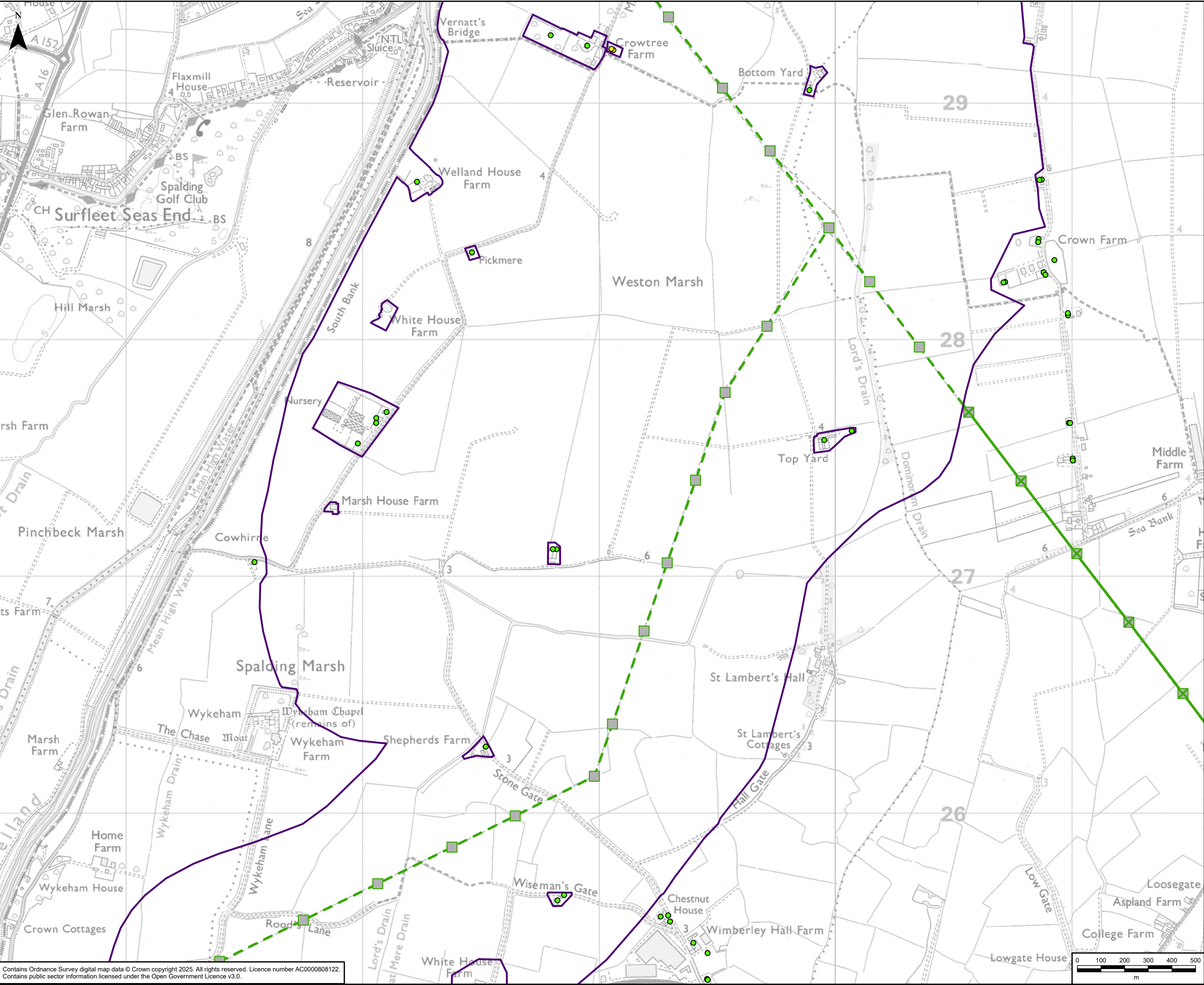
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  - Indicative New Overhead Line
  - Existing Overhead Line - Not Affected
  - Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Construction Vibration Levels**
- Negligible
  - Small

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FIGURE	1:15,000	A3	1 OF 3	A	





### GRIMSBY TO WALPOLE LEGEND

#### Legend

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- Existing Lattice Pylon - Not Affected
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

#### Construction Vibration Levels

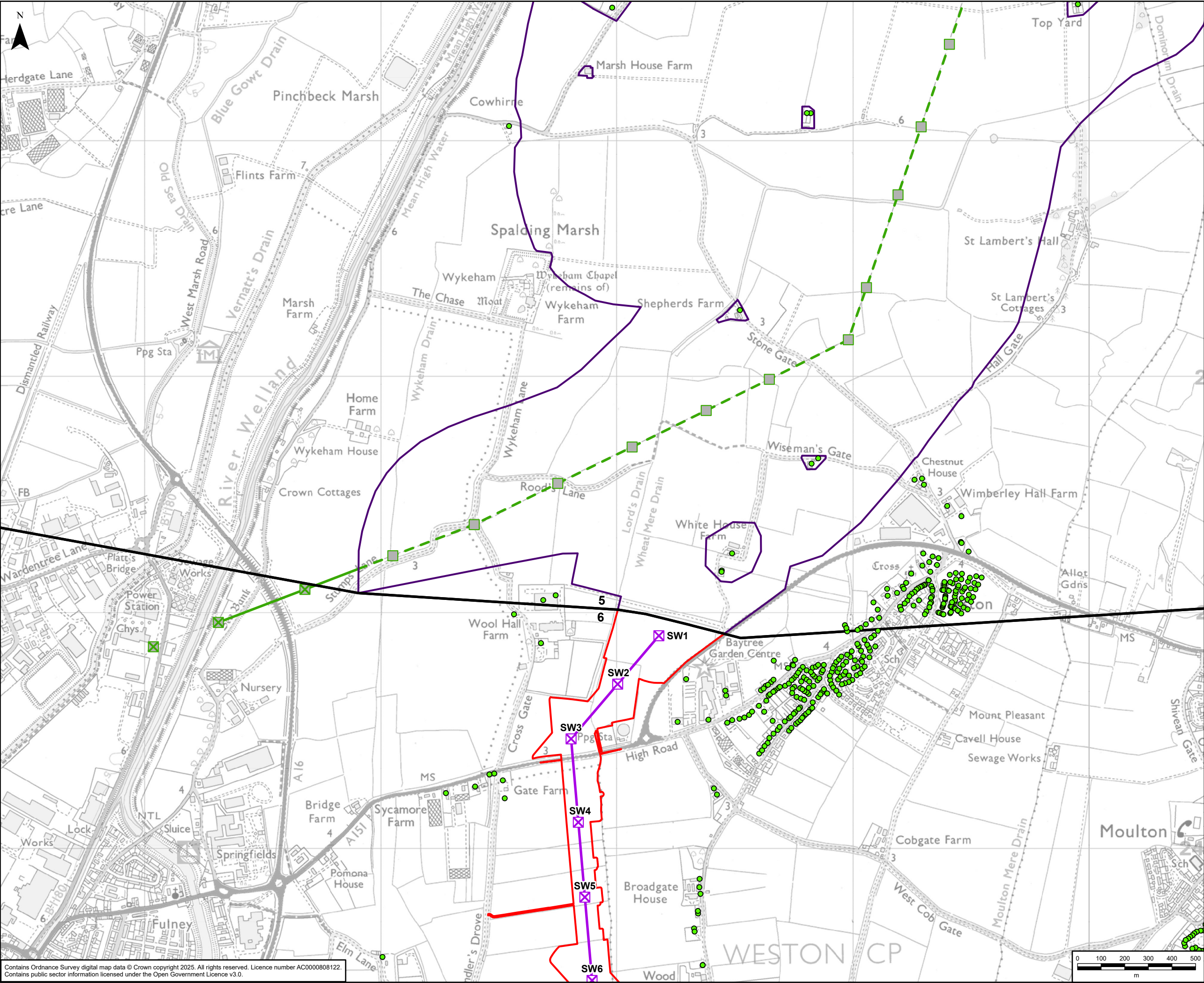
- Negligible
- Small

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- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified

**Construction Vibration Levels**

- Negligible

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