

The Great Grid Upgrade

Grimsby to Walpole

Supplementary Preliminary Environmental Information Report: Section 5 New Weston Marsh Substations A and B

Volume 2 Part B Section Specific Assessment

Chapter 10 Noise and Vibration

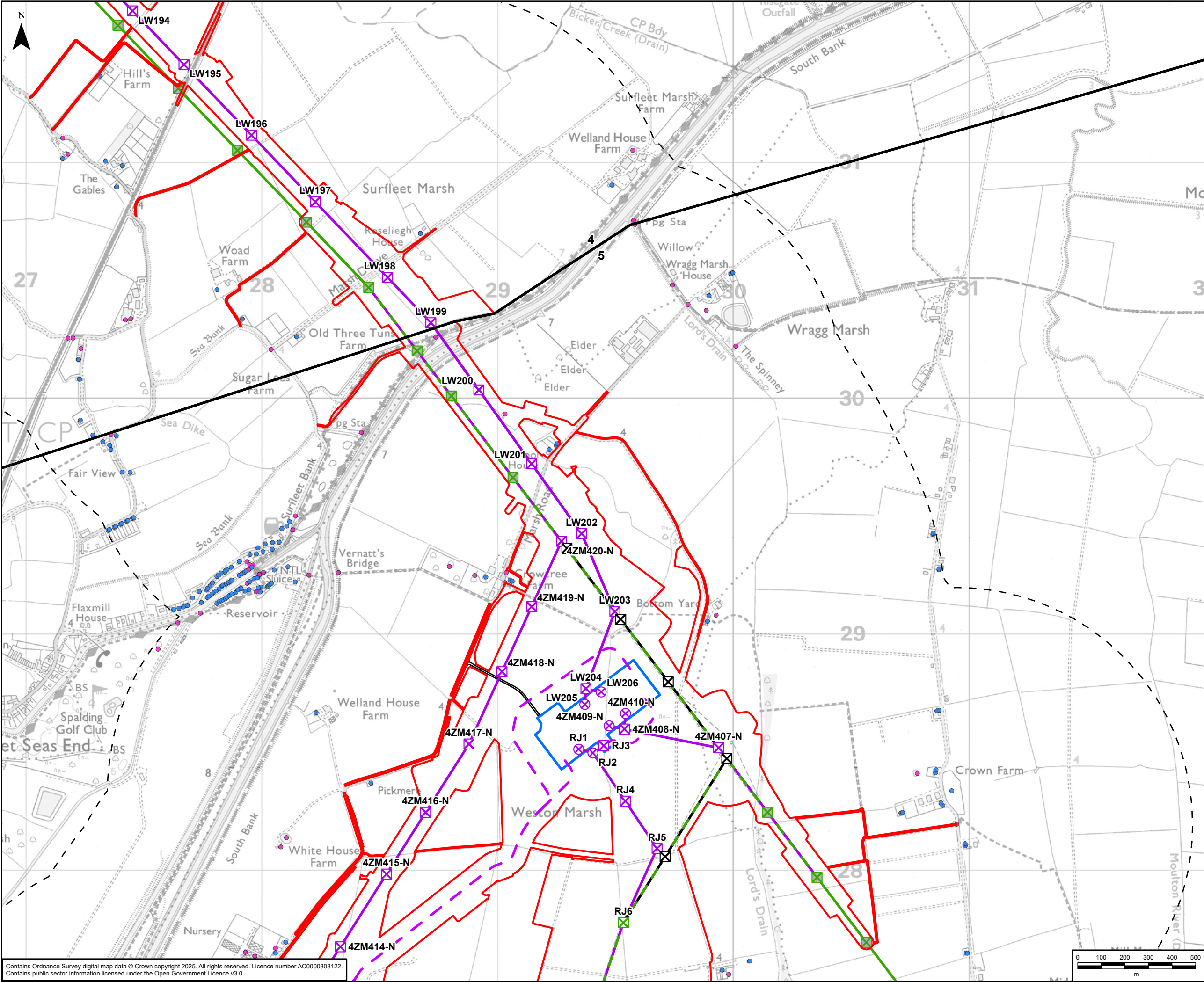
Figures

November 2025



Volume 2 Part B Section 5 Chapter 10 – Figure List

Figure number	Figure title
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Figure 10.3	Initial Construction Noise Assessment Outputs
Figure 10.4	Initial Construction Vibration Assessment Outputs



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- 1km Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Modified
- Existing Overhead Line - To Be Dismantled
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route

Address Data

- Residential
- Non-Residential

A	22/09/2025	First Issue	LC	DG	DR
Rev	Date	Description	GIS	Chk	App

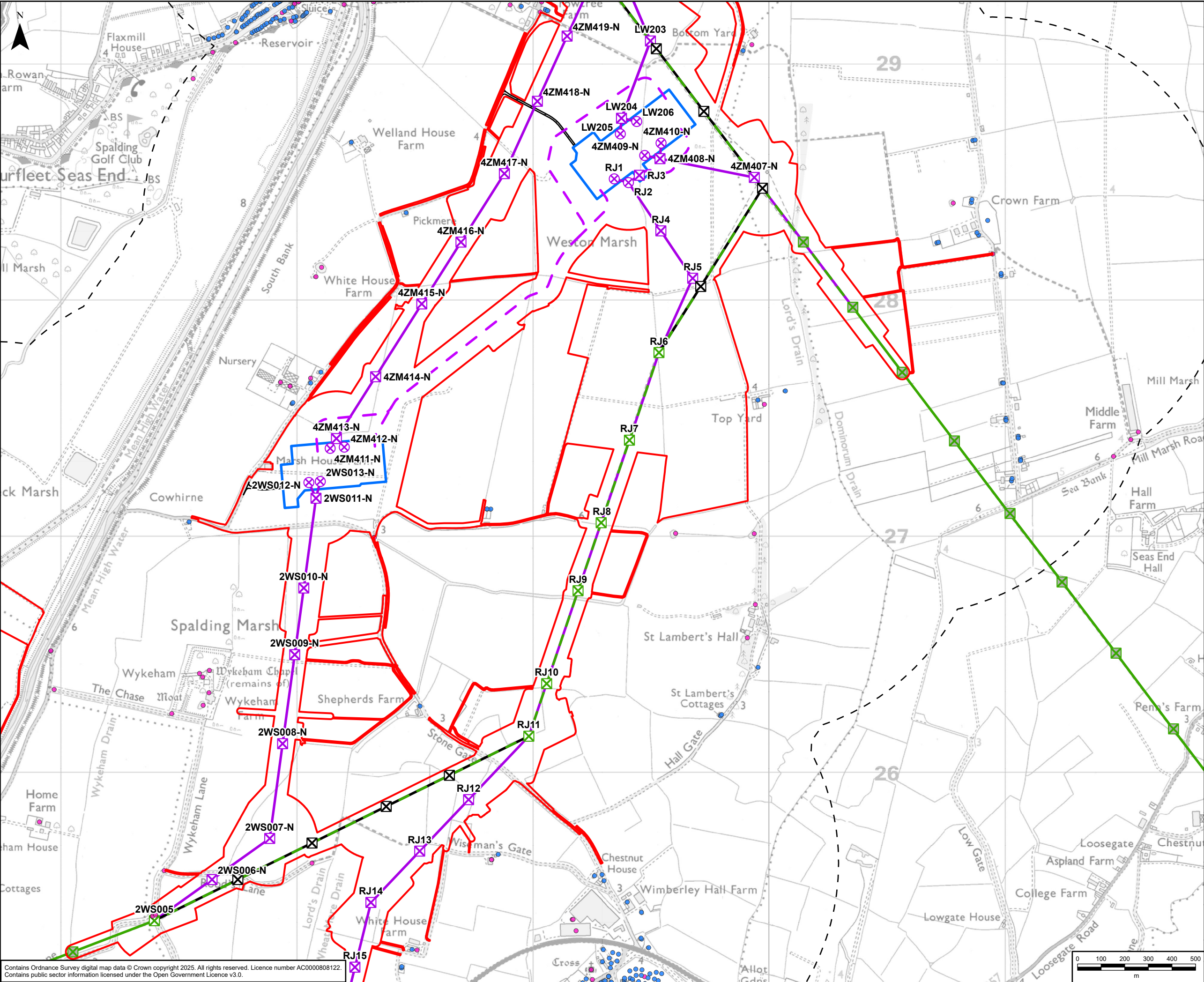
Purpose: SUPPLEMENTARY PEI REPORT - SECTION 5

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 10.1 NOISE AND VIBRATION STUDY AREA

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nationalgrid

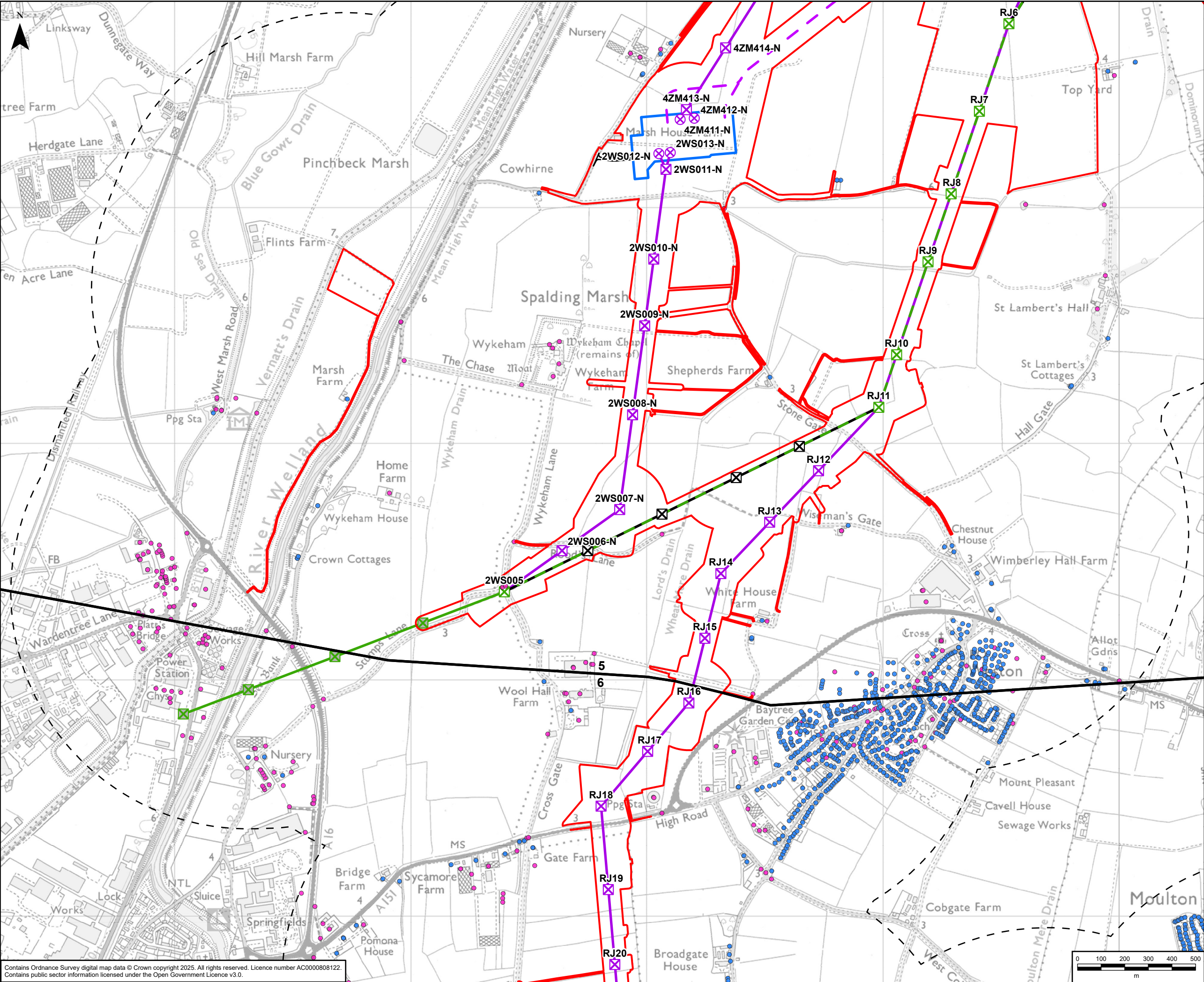
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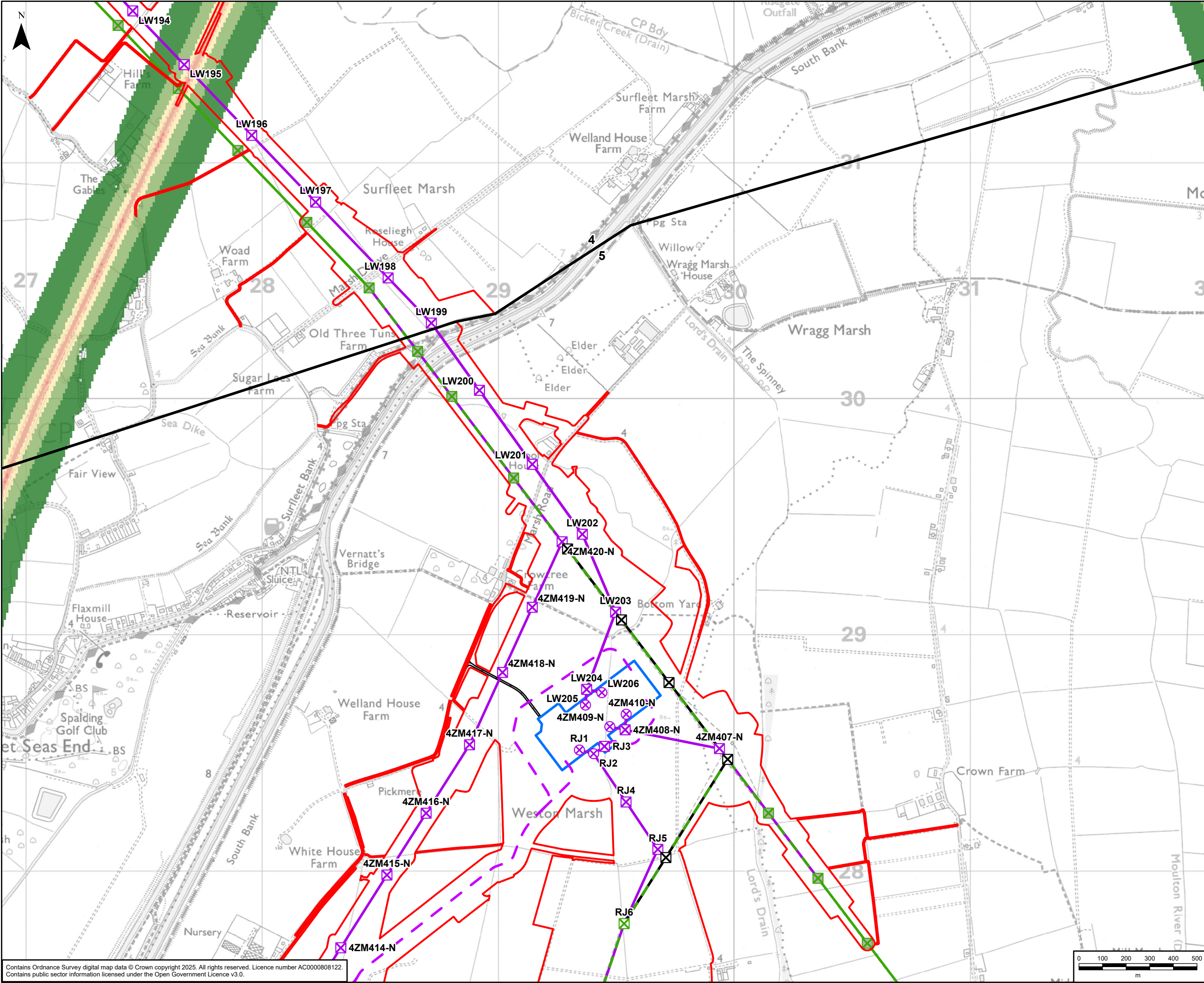
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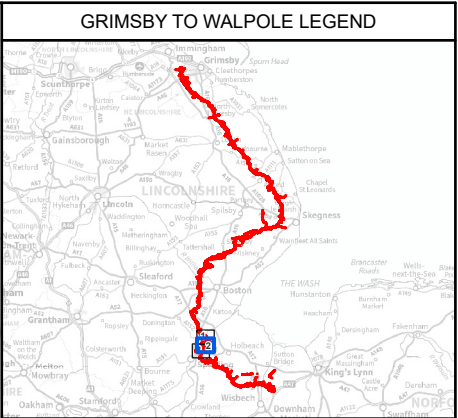
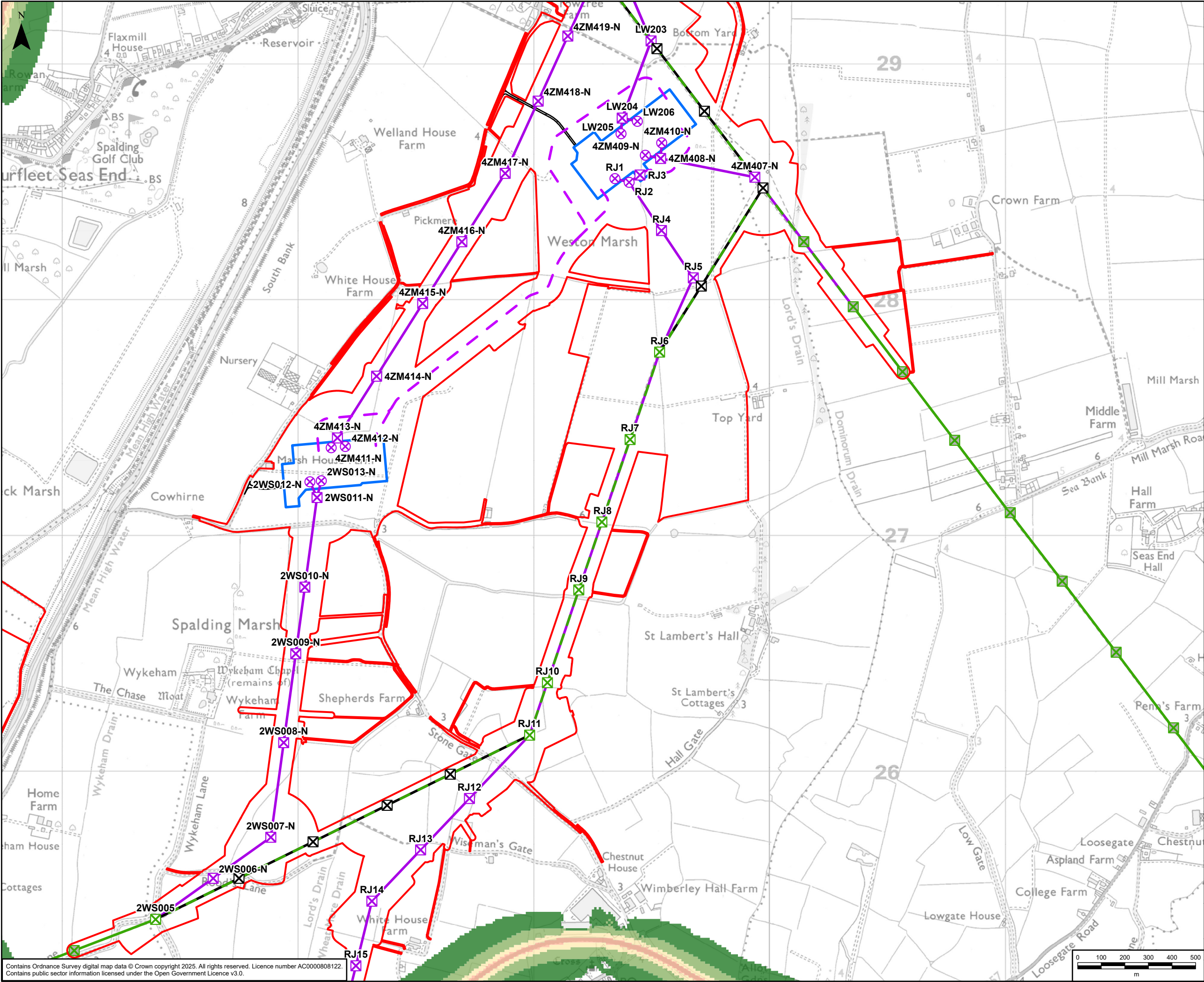
Defra Noise Data (Road) - dBA

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

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Legend

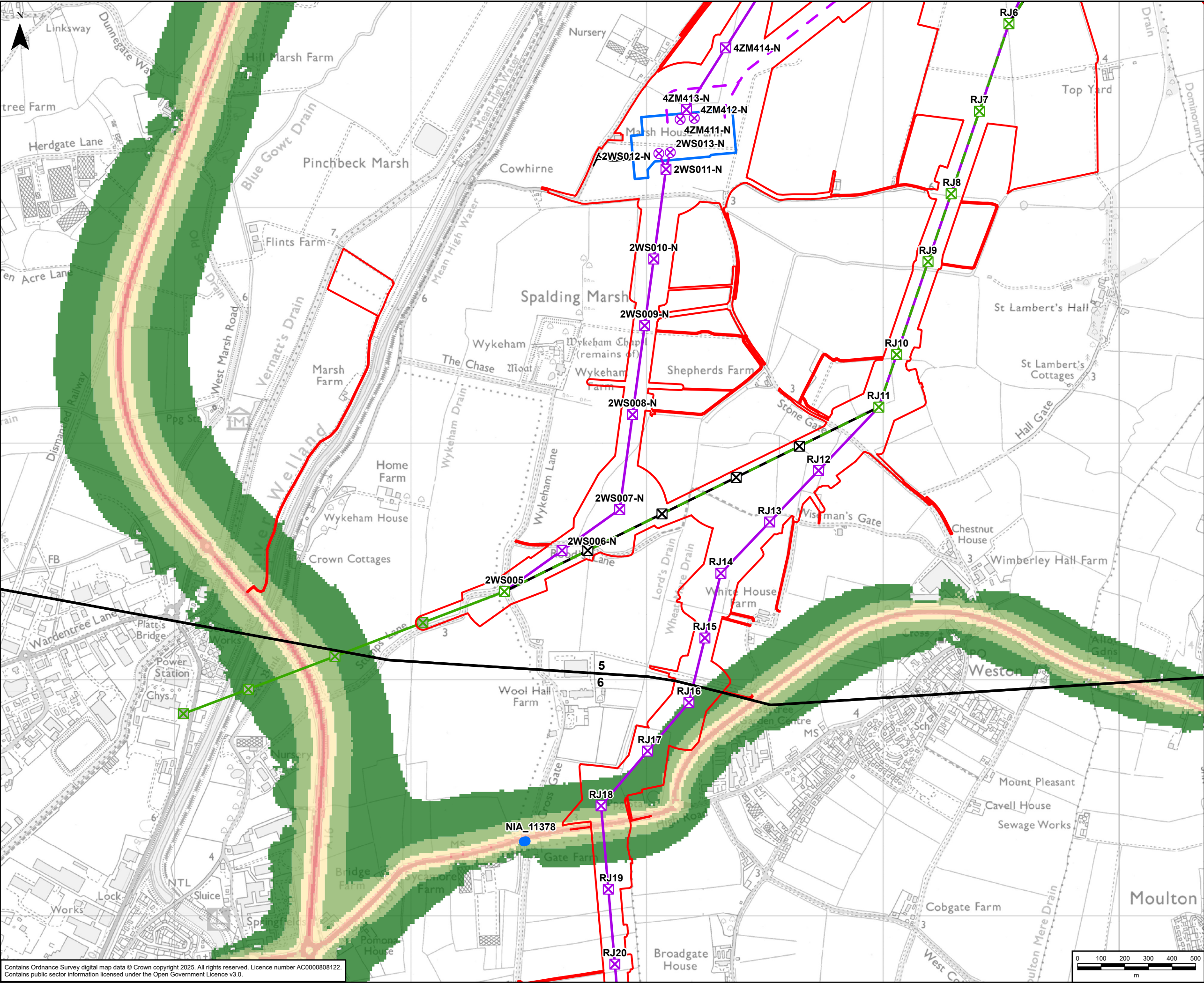
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- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route

Defra Noise Data (Road) - dBA

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

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nationalgrid					
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- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Noise Important Area

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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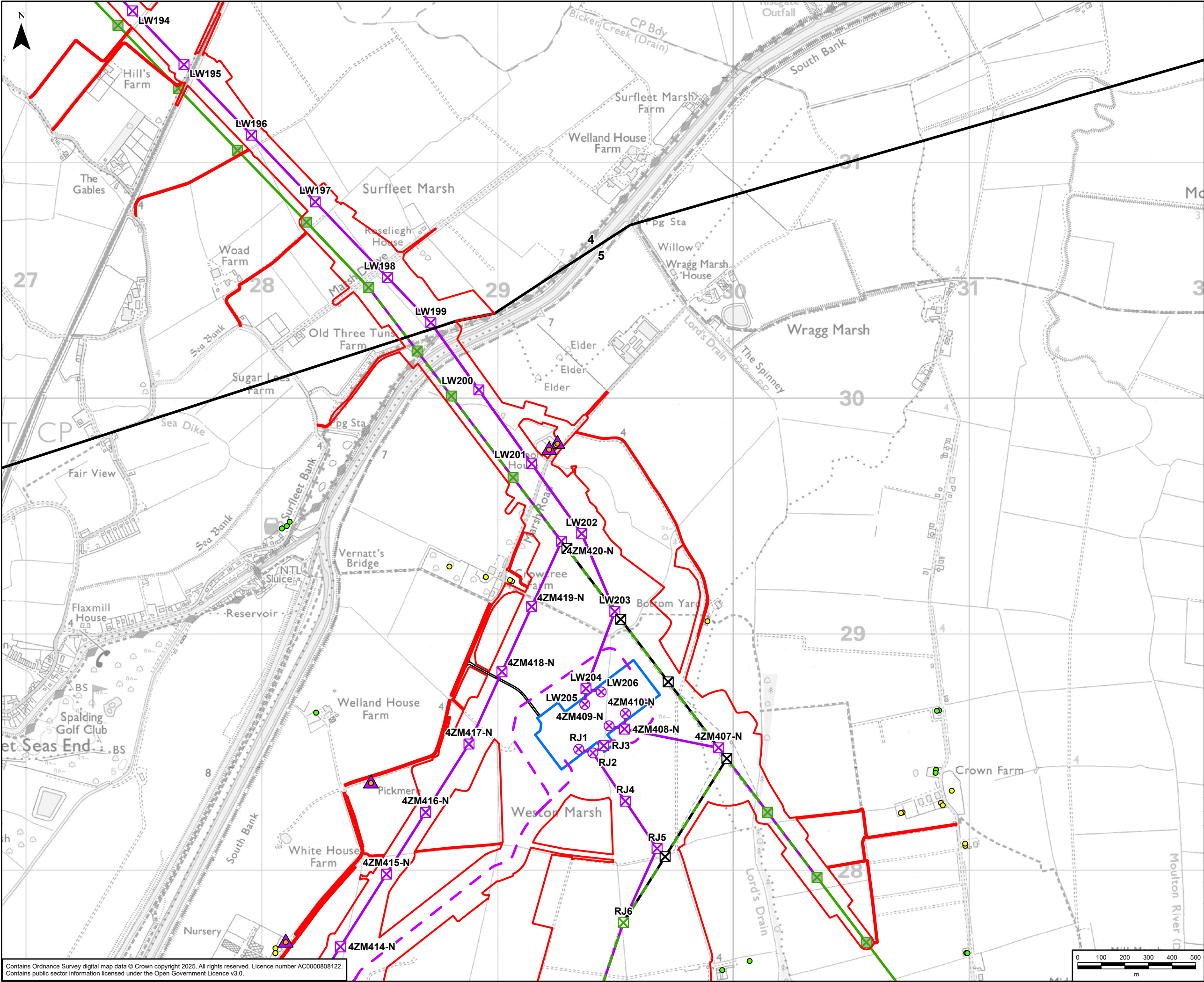
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Construction Noise Levels

- Negligible
- Small
- Medium

Construction Noise Assessment

- Significant Adverse Effect - Residential

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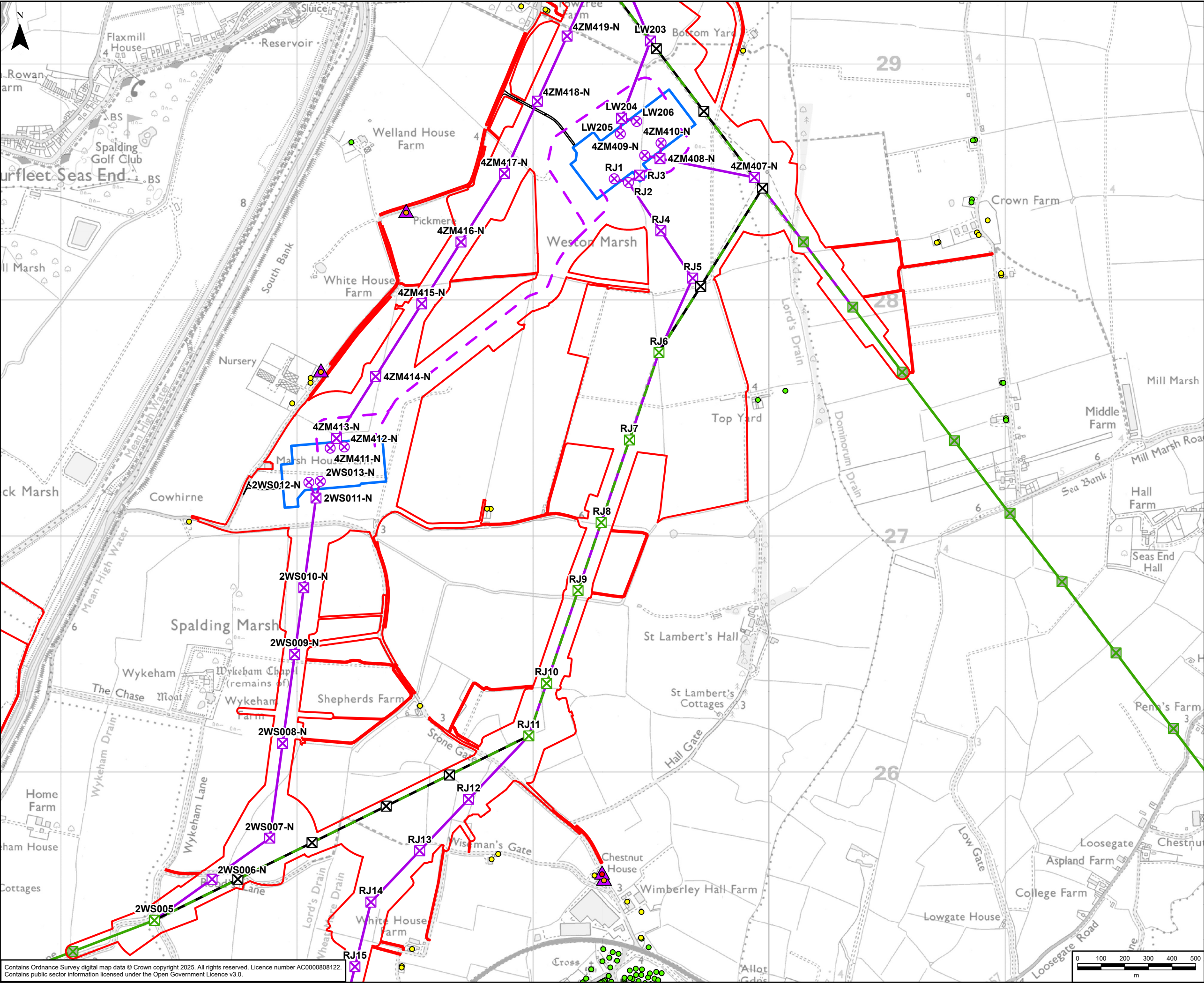
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 10.3
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Construction Noise Levels

- Negligible
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Construction Noise Assessment

- Significant Adverse Effect - Residential

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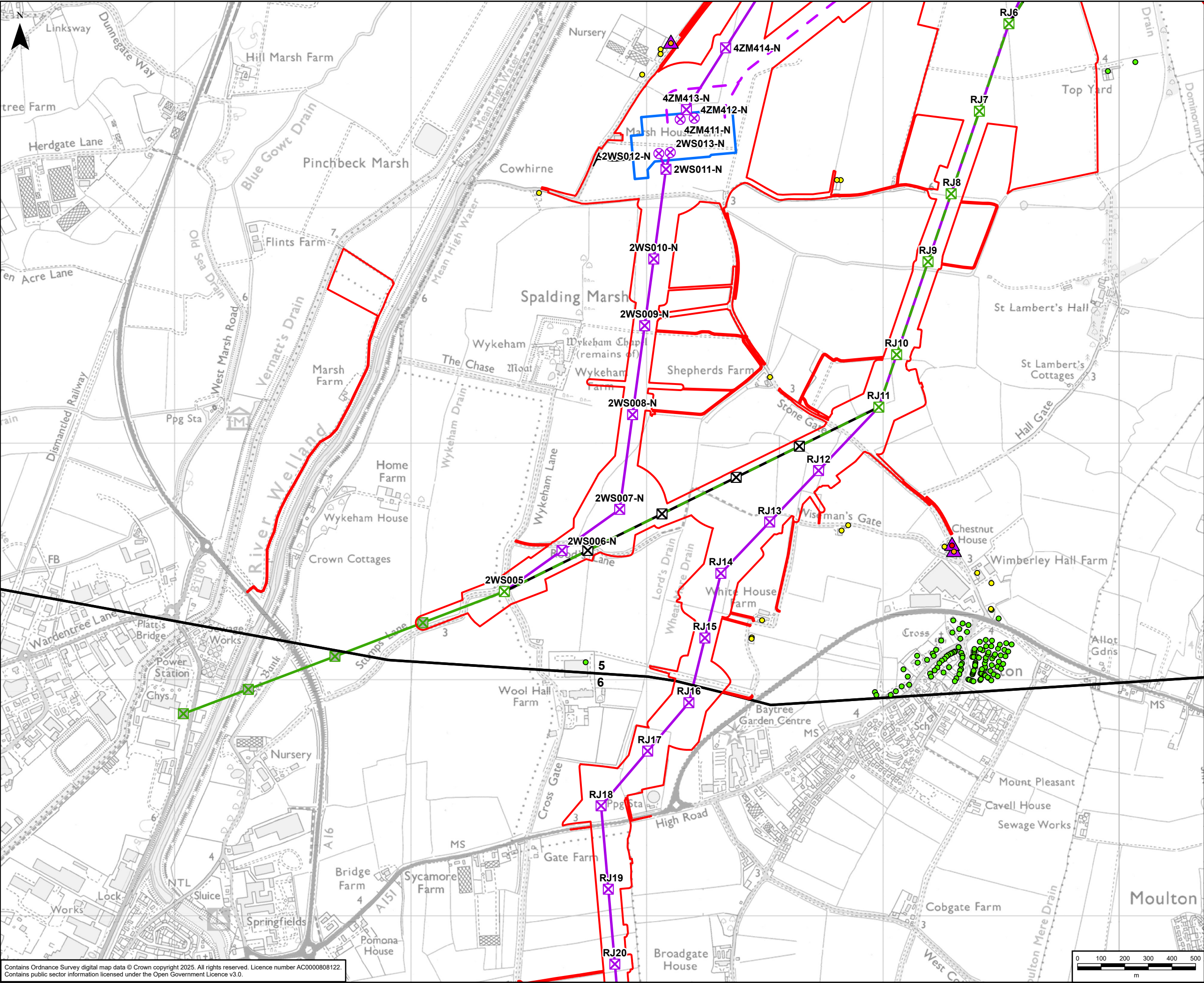
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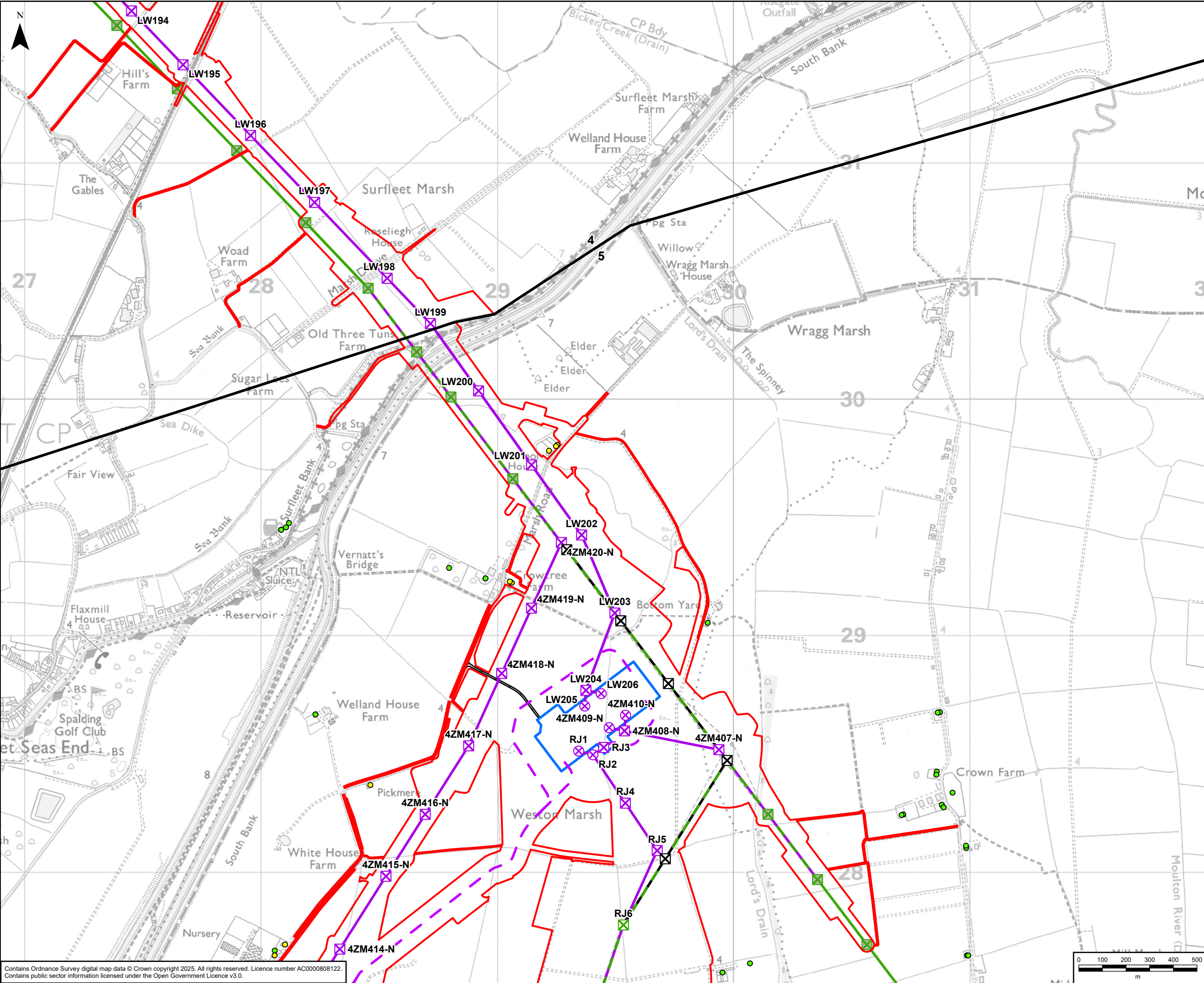
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Construction Vibration Levels

- Negligible
- Small

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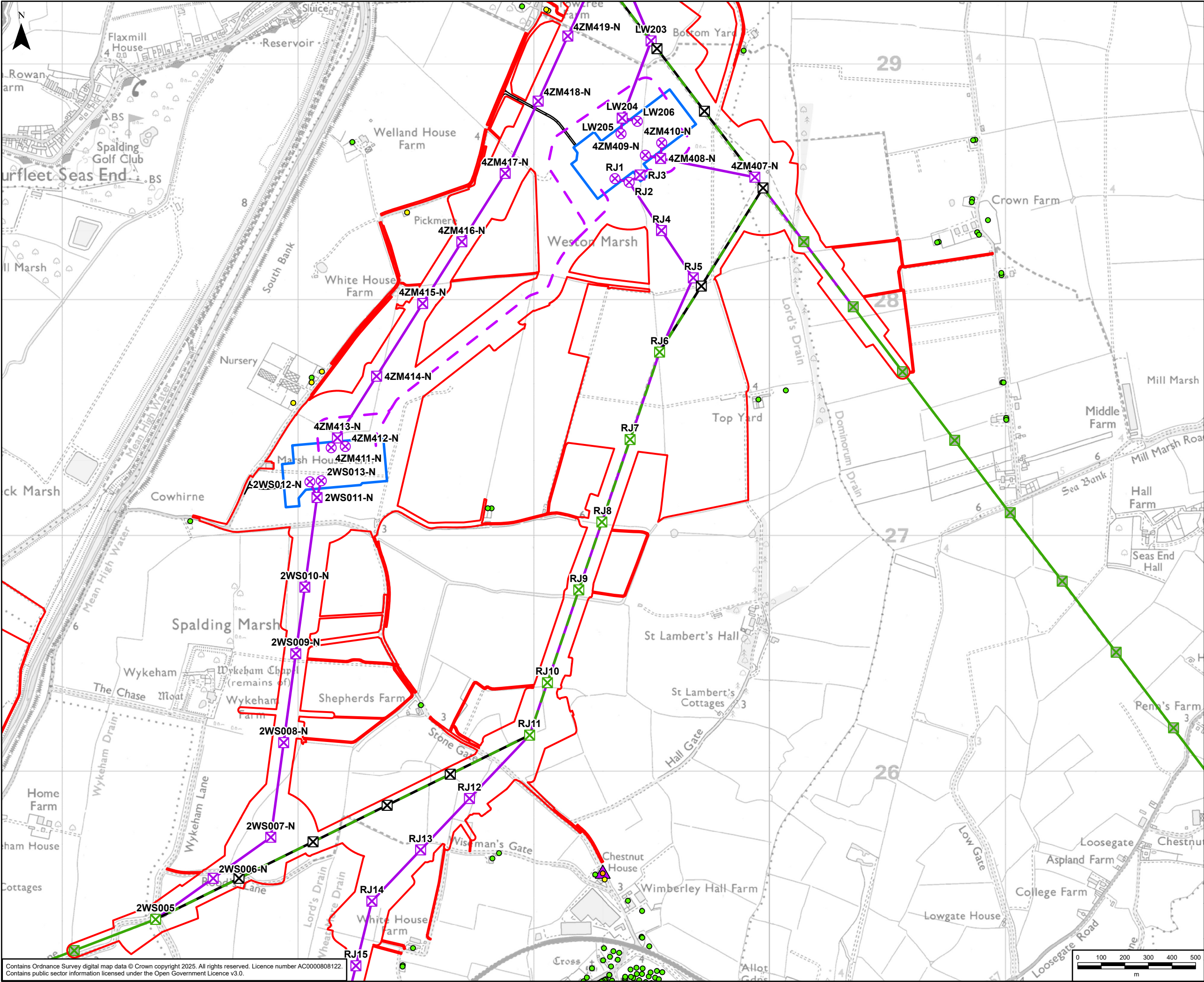
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INITIAL CONSTRUCTION VIBRATION
ASSESSMENT OUTPUTS

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Construction Vibration Levels

- Negligible
- Small
- Medium

Construction Vibration Assessment

- Significant Adverse Effect - Residential

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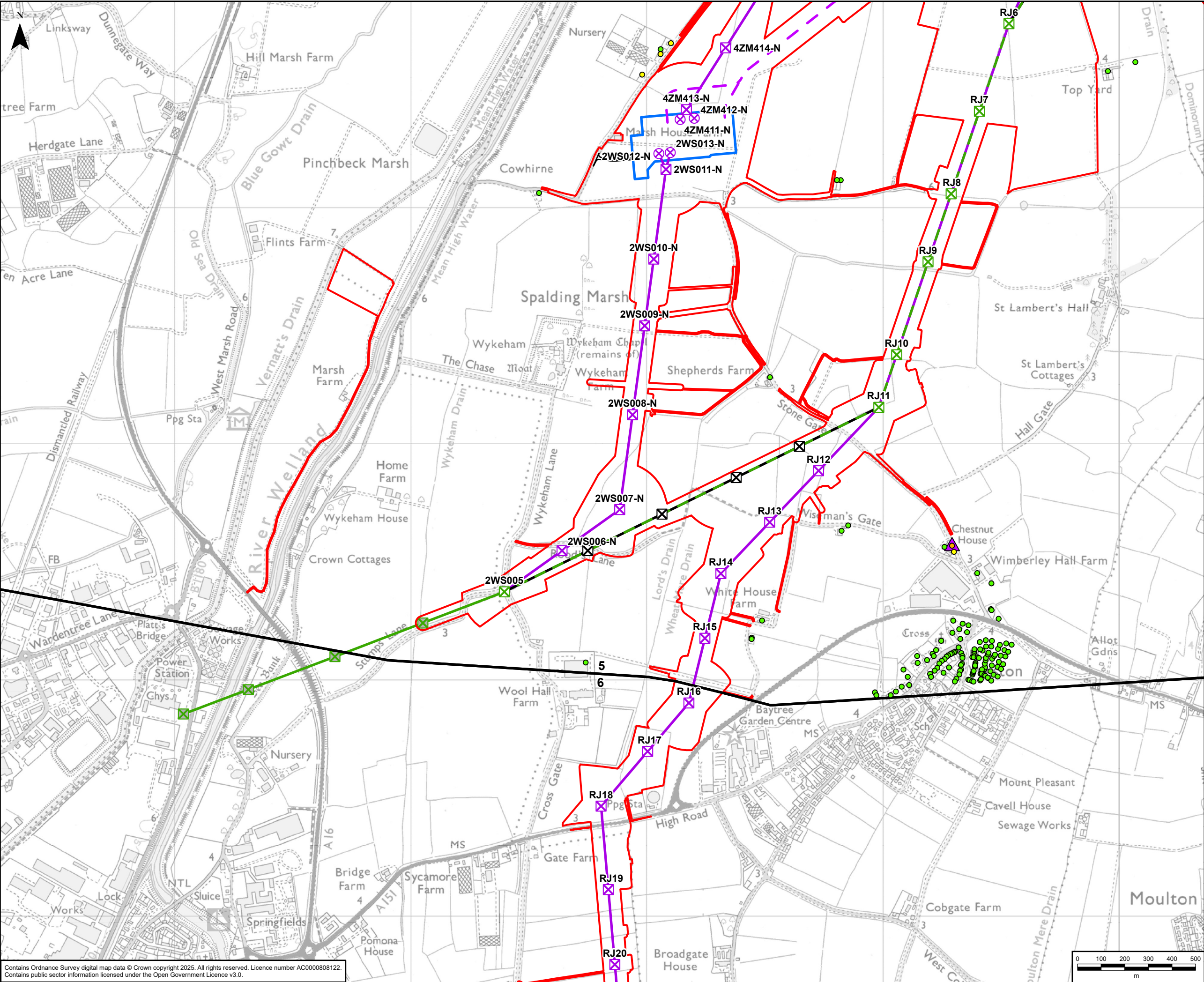
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