

The Great Grid Upgrade

Grimsby to Walpole

Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

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

Chapter 12 Air Quality

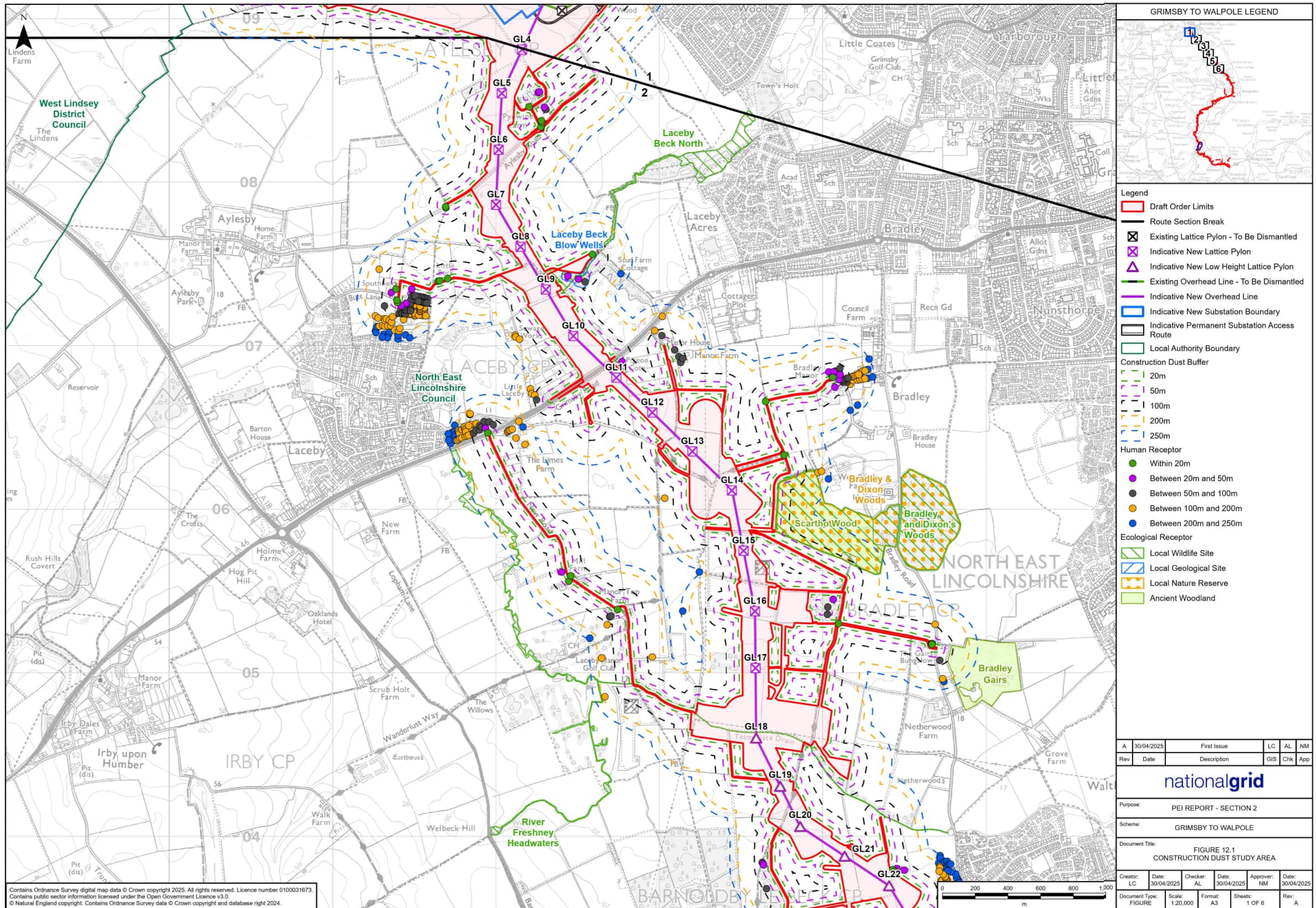
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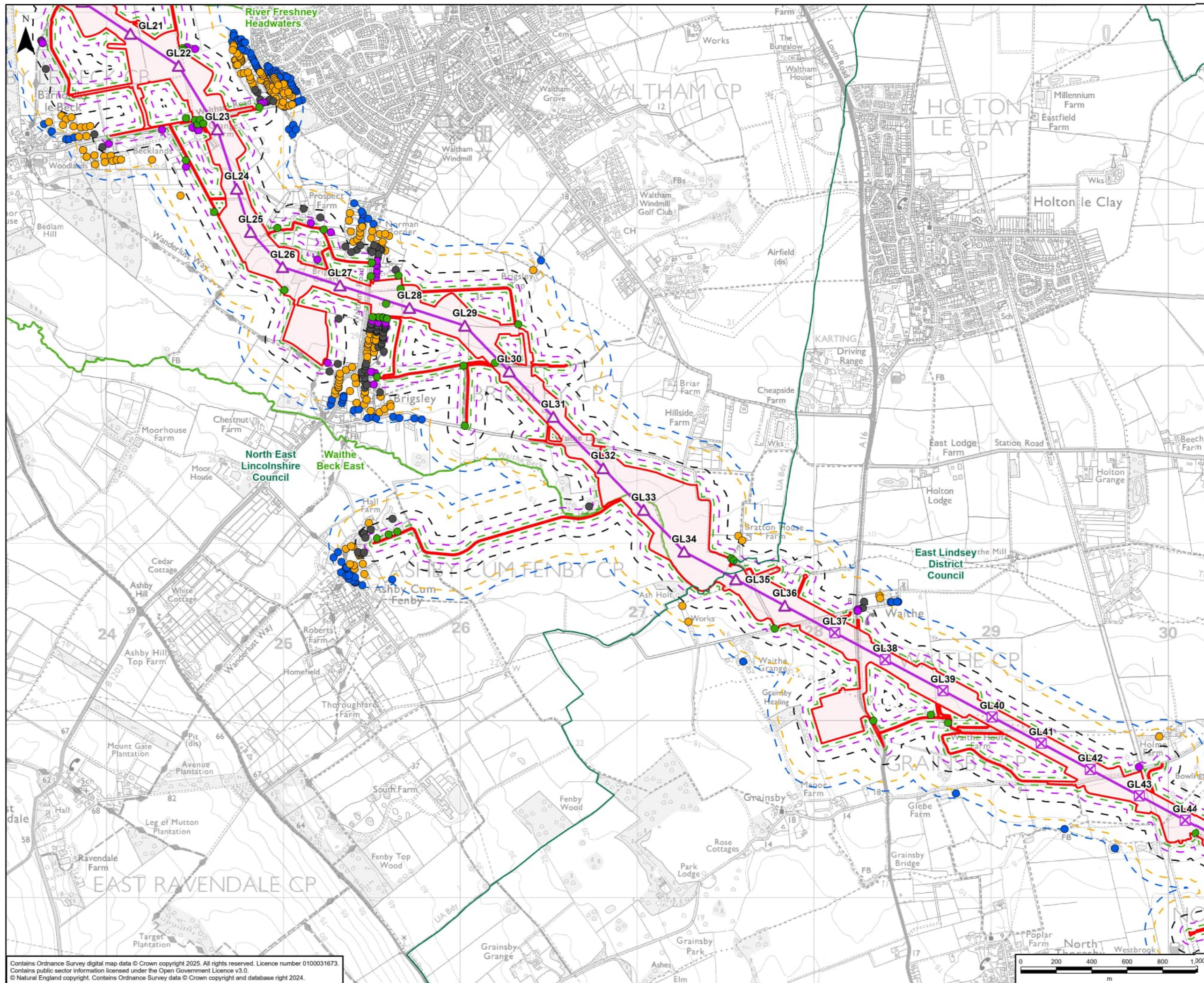
June 2025



Volume 2 Part B Section 2 Chapter 12 – Figure List

Figure number	Figure title
Figure 12.1	Construction Dust Study Area
Figure 12.2	Preliminary Affected Road Network and Local Authority Monitoring Locations





GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Indicative New Low Height Lattice Pylon
- Indicative New Overhead Line
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

Ecological Receptor

- Local Wildlife Site

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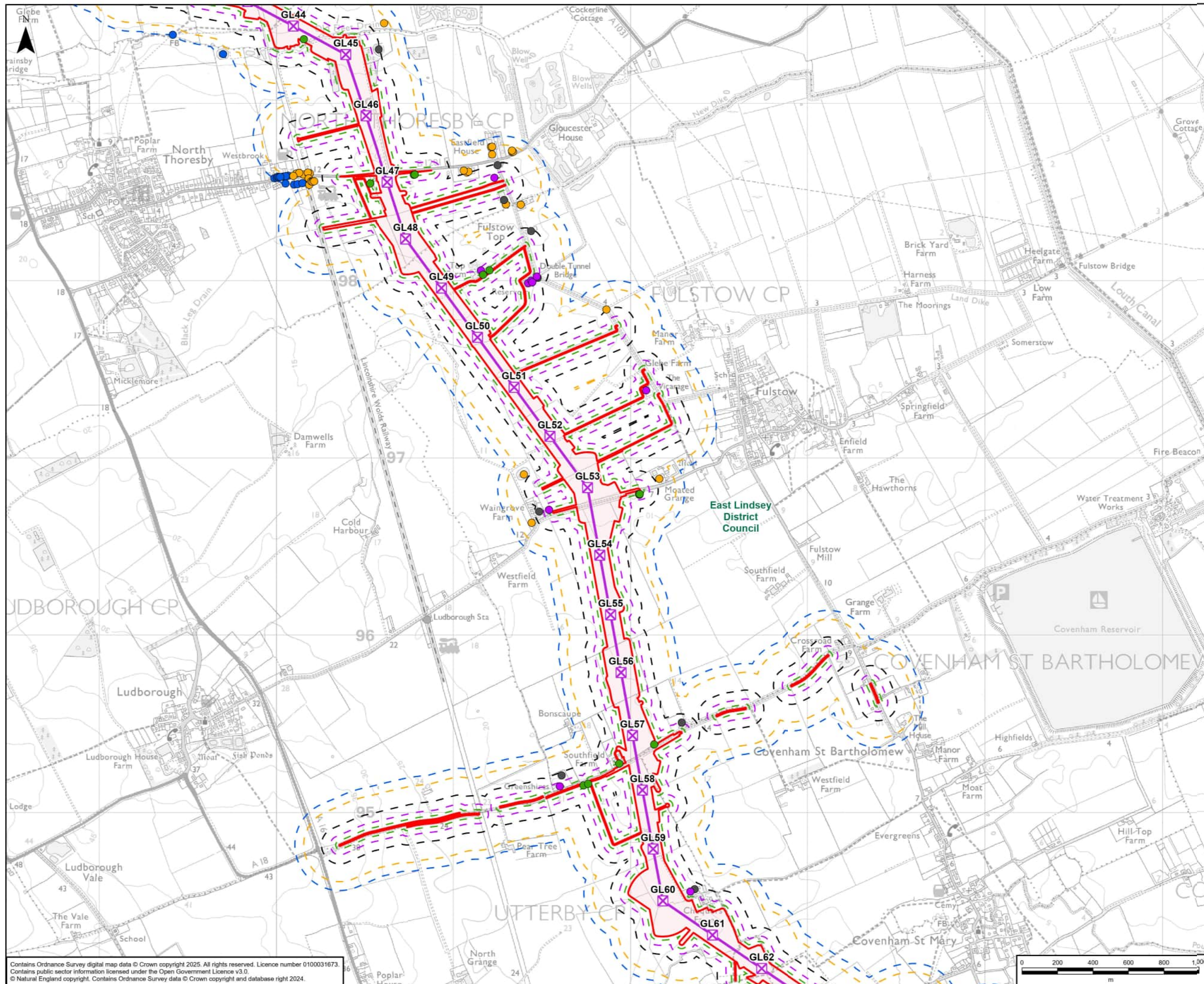
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Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 12.1 CONSTRUCTION DUST STUDY AREA

Creator: LC	Date: 30/04/2025	Checker: AL	Date: 30/04/2025	Approver: NM	Date: 30/04/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

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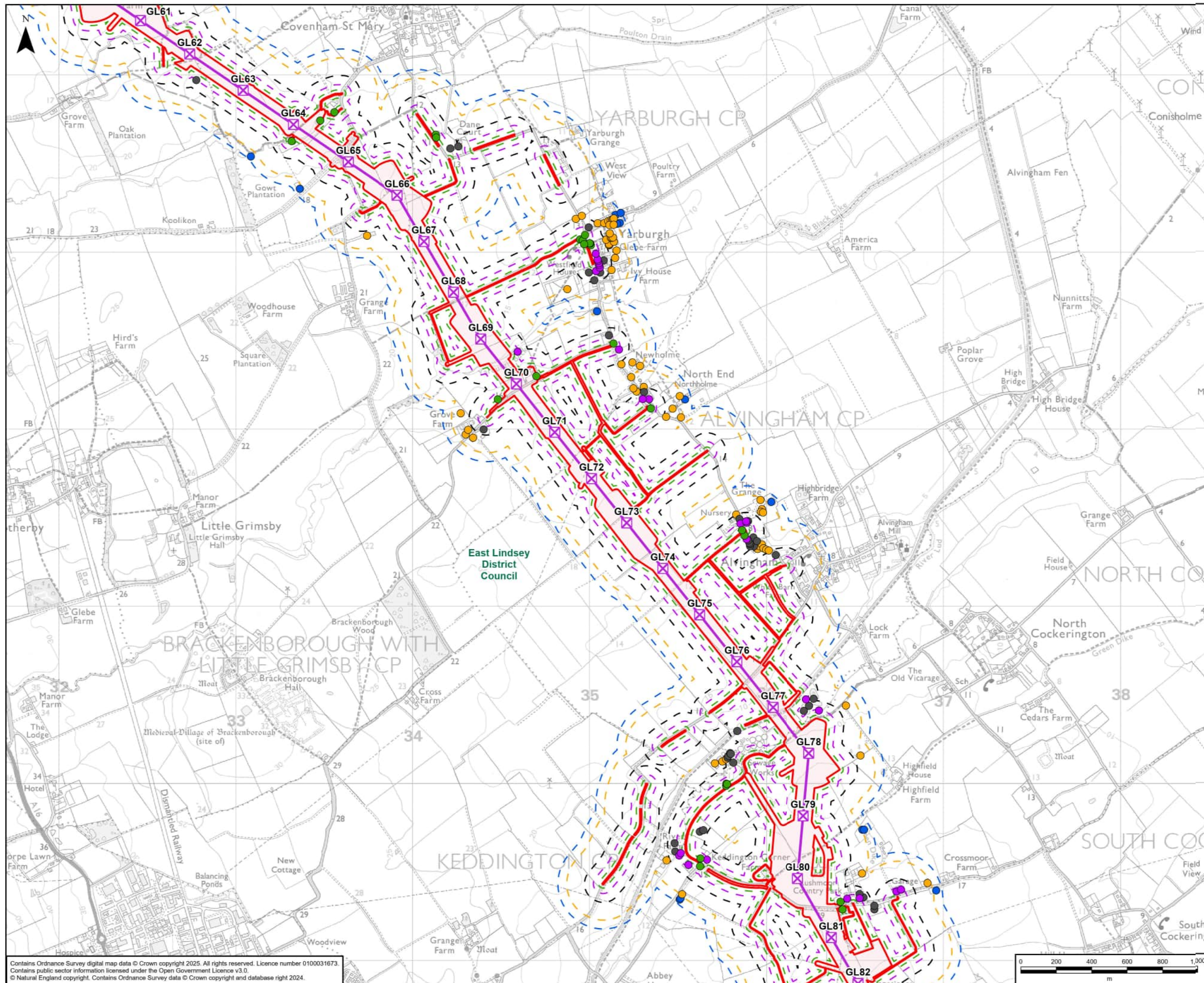
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 12.1 CONSTRUCTION DUST STUDY AREA

Creator: LC	Date: 30/04/2025	Checker: AL	Date: 30/04/2025	Approver: NM	Date: 30/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 3 OF 6	Rev: A	

0 200 400 600 800 1,000 m



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Local Authority Boundary
- Construction Dust Buffer
 - 20m
 - 50m
 - 100m
 - 200m
 - 250m
- Human Receptor
 - Within 20m
 - Between 20m and 50m
 - Between 50m and 100m
 - Between 100m and 200m
 - Between 200m and 250m

A	30/04/2025	First Issue	LC	AL	NM
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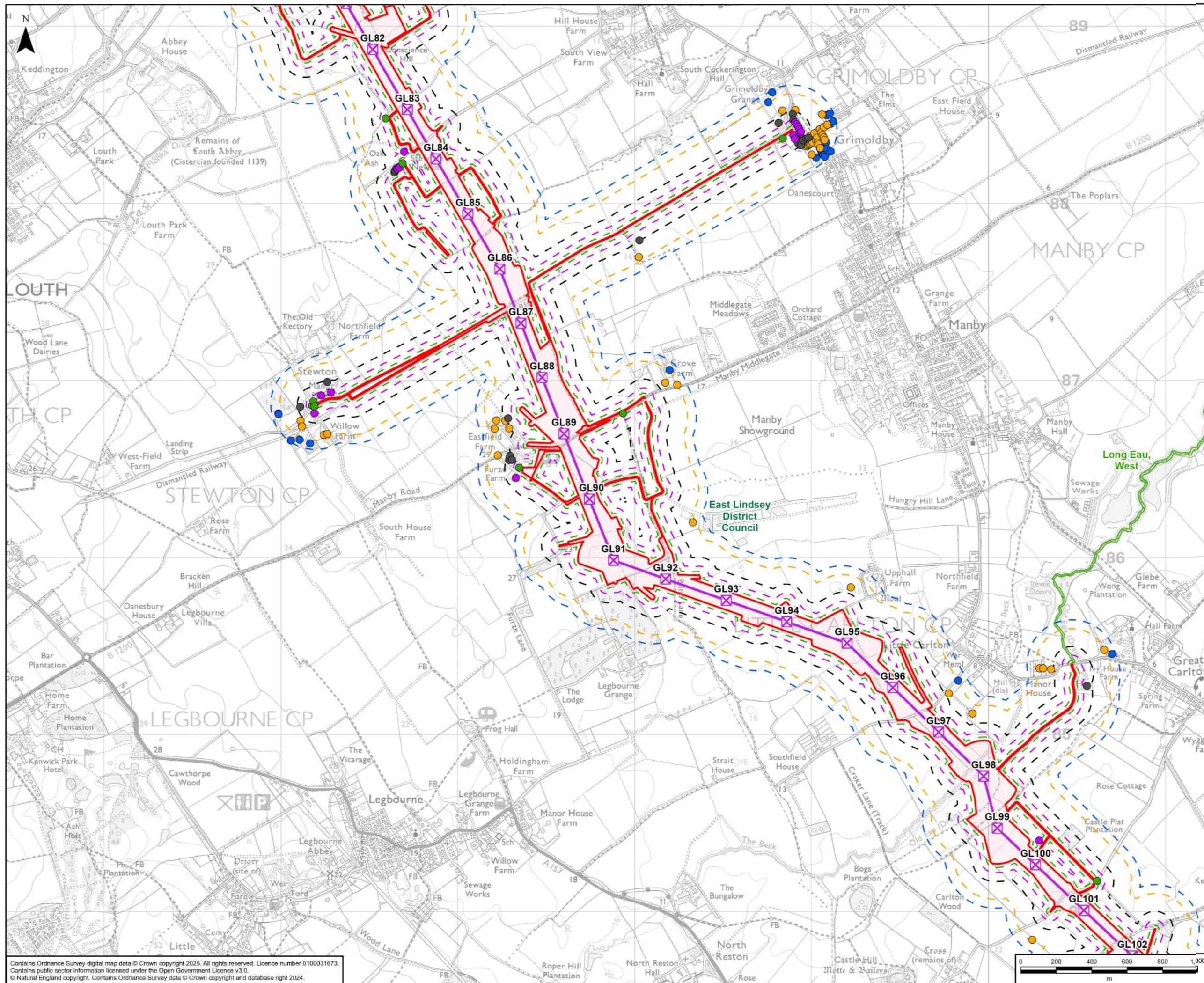
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Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: **FIGURE 12.1
CONSTRUCTION DUST STUDY AREA**

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Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 4 OF 6	Rev: A	



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

Ecological Receptor

- Local Wildlife Site

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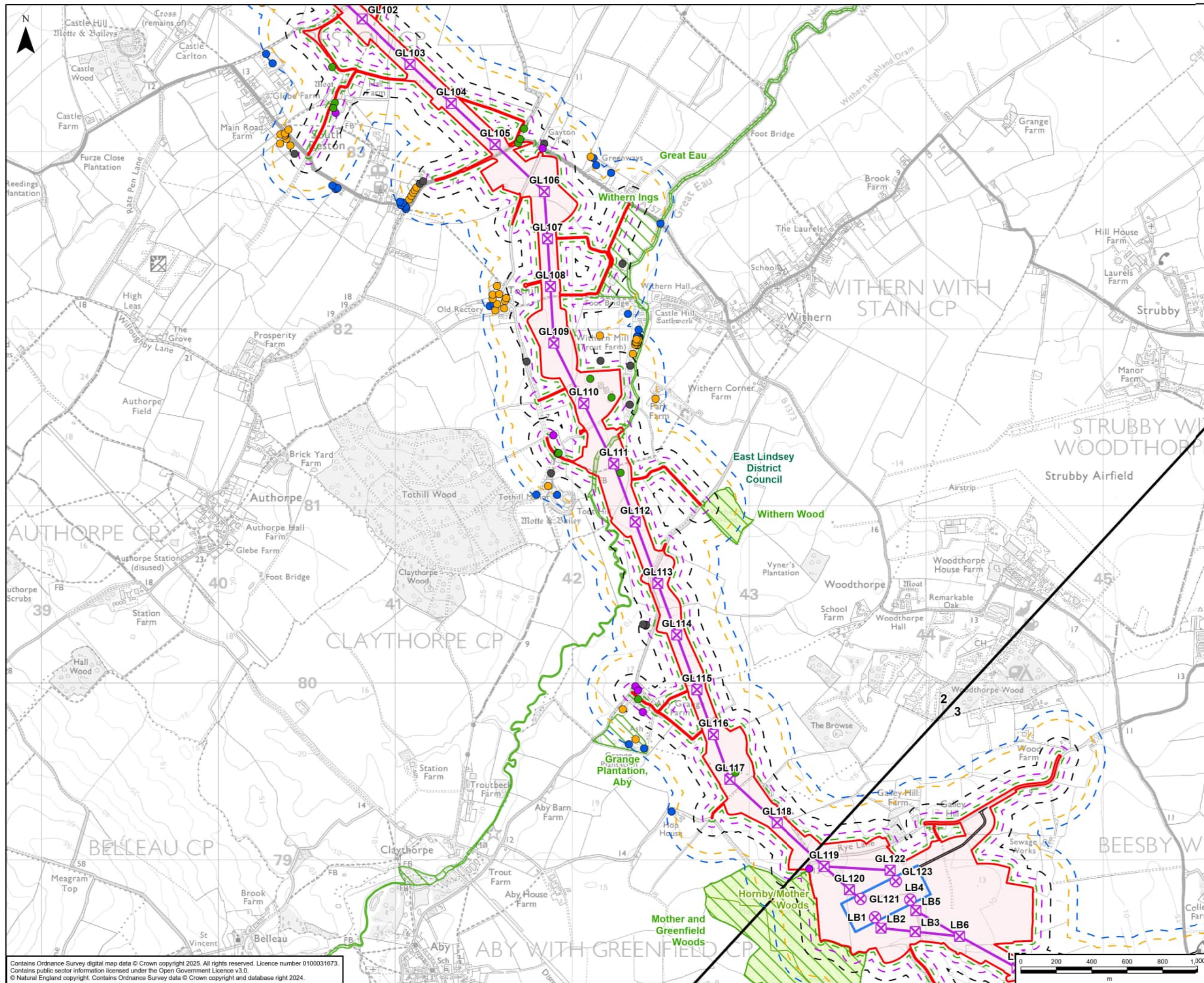
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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 12.1 CONSTRUCTION DUST STUDY AREA

Creator: LC	Date: 30/04/2025	Checker: AL	Date: 30/04/2025	Approver: NM	Date: 30/04/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 5 OF 6	Rev: A	



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Overhead Line
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

Ecological Receptor

- Local Wildlife Site
- Ancient Woodland

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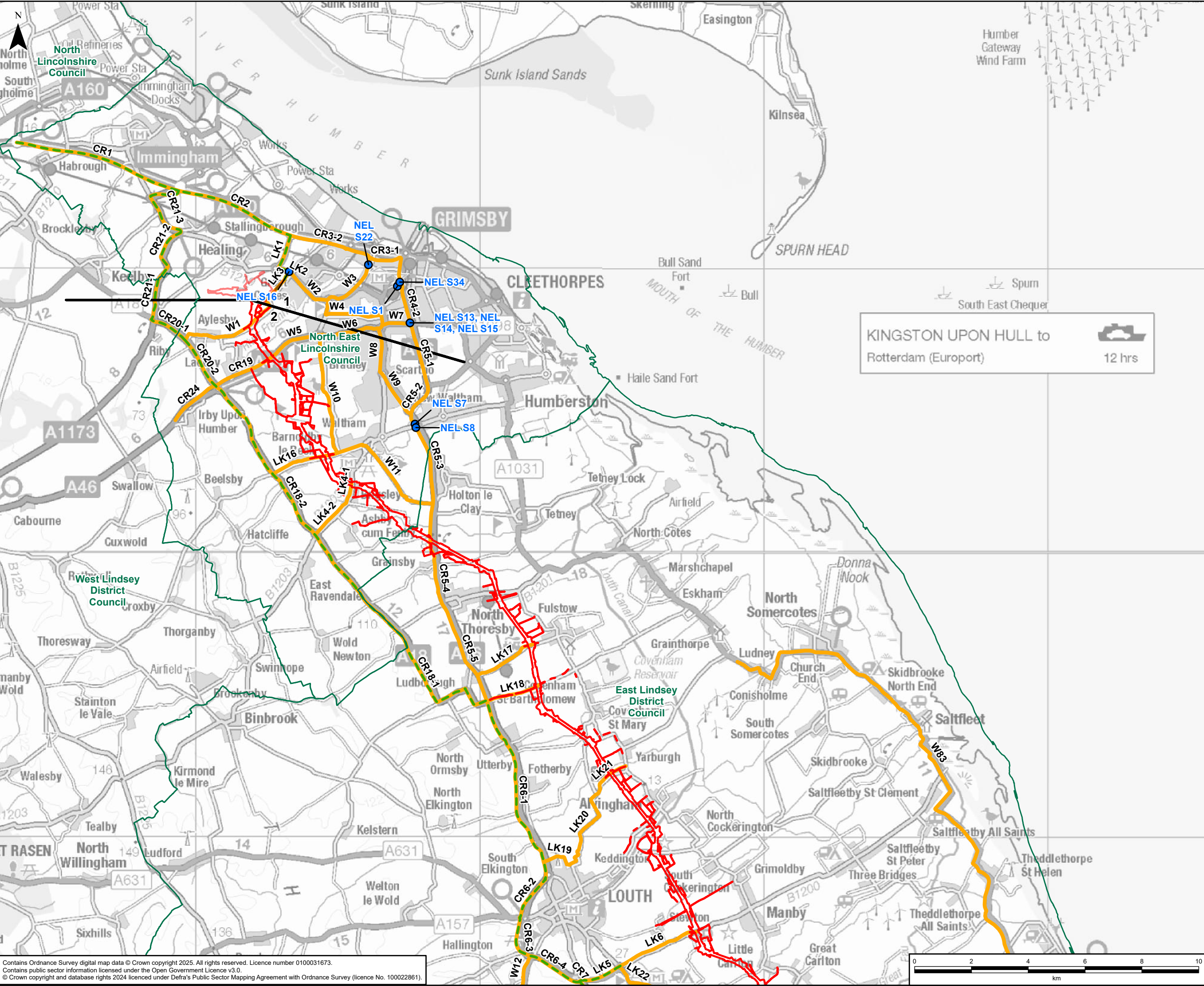
Purpose: PEI REPORT - SECTION 2

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 12.1 CONSTRUCTION DUST STUDY AREA

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

Air Quality Monitoring Location

Affected Road Network

Construction Traffic Route

Local Authority Boundary

CR: Core Route

LK: Local Link

W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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Purpose:

PEI REPORT - SECTION 2

Scheme:

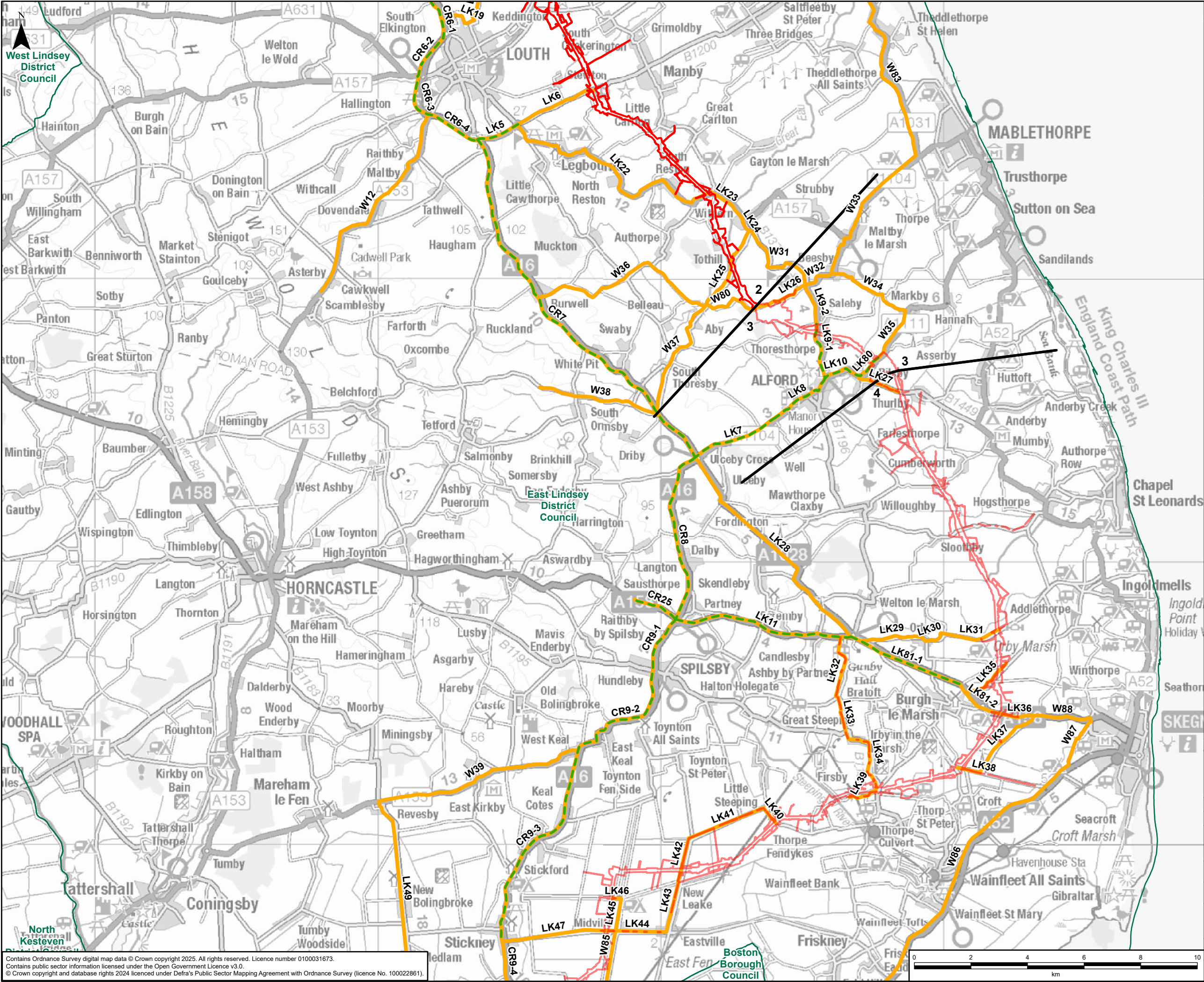
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Document Title:

FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

Creator:	Date:	Checker:	Date:	Approver:	Date:
LC	06/05/2025	AL	06/05/2025	NM	06/05/2025

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FIGURE	1:125,000	A3	1 OF 4	A



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Affected Road Network
- Construction Traffic Route
- Local Authority Boundary

CR: Core Route
LK: Local Link
W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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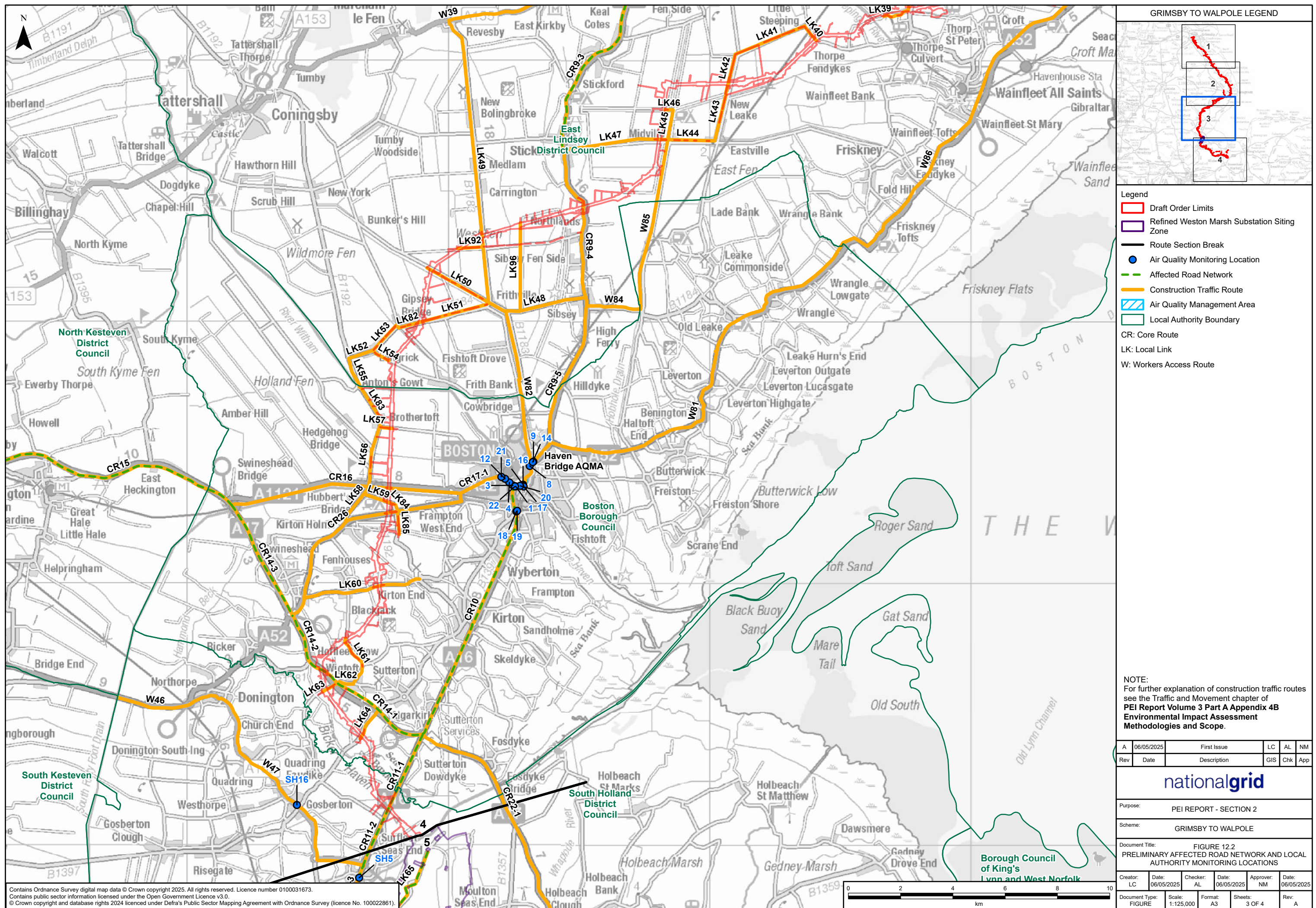
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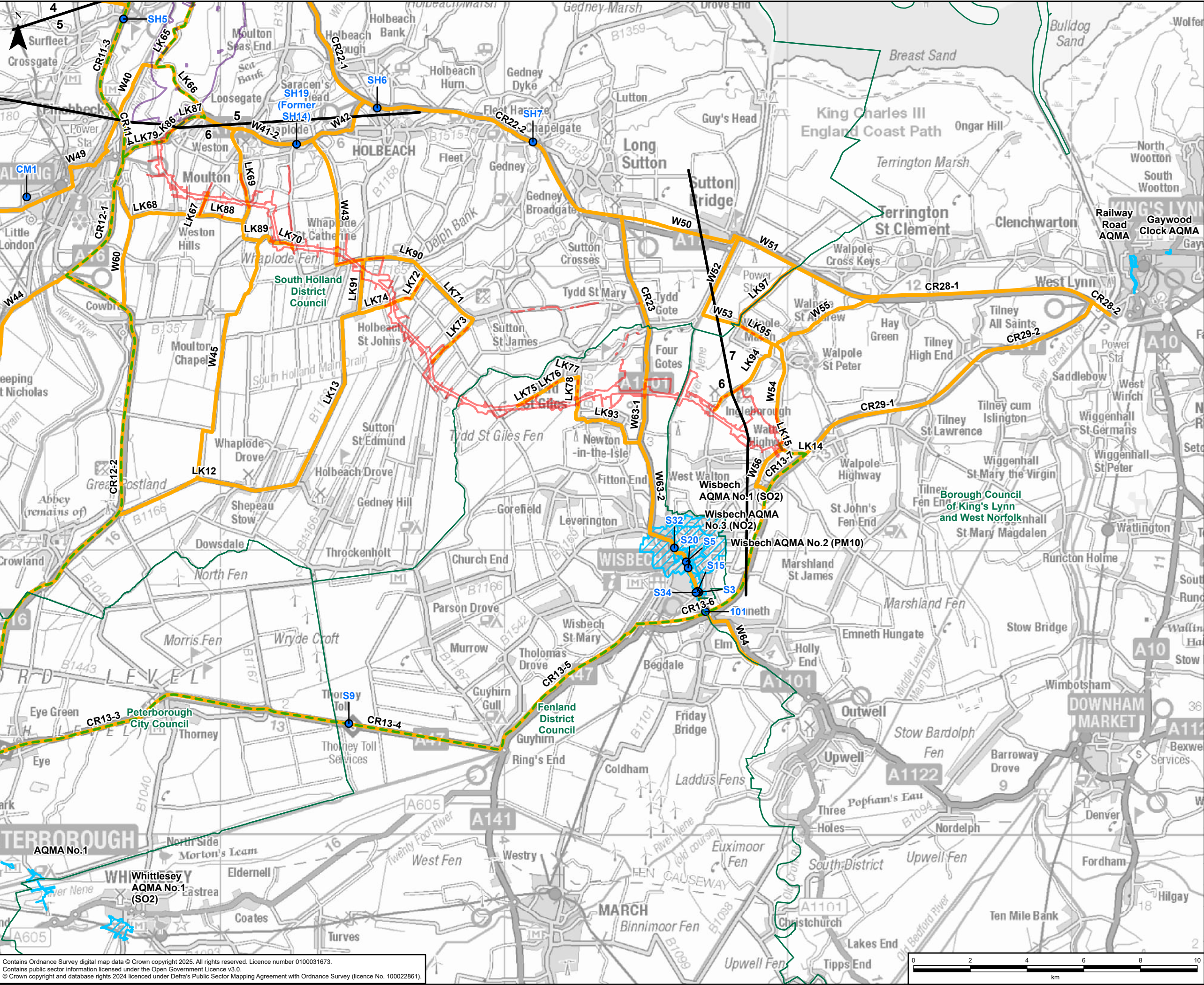
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FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

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LC	06/05/2025	AL	06/05/2025	NM	06/05/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:125,000	A3	2 OF 4	A





GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

Air Quality Monitoring Location

Affected Road Network

Construction Traffic Route

Air Quality Management Area

Local Authority Boundary

CR: Core Route

LK: Local Link

W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

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LC	06/05/2025	AL	06/05/2025	NM	06/05/2025

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FIGURE	1:125,000	A3	4 OF 4	A

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