

The Great Grid Upgrade

Weston Marsh Substation A

Flood Risk Assessment - Part 3 of 3

June 2026

nationalgrid

Weston Marsh Substation A

Document control

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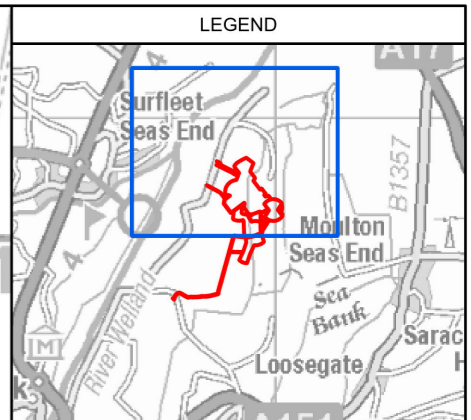
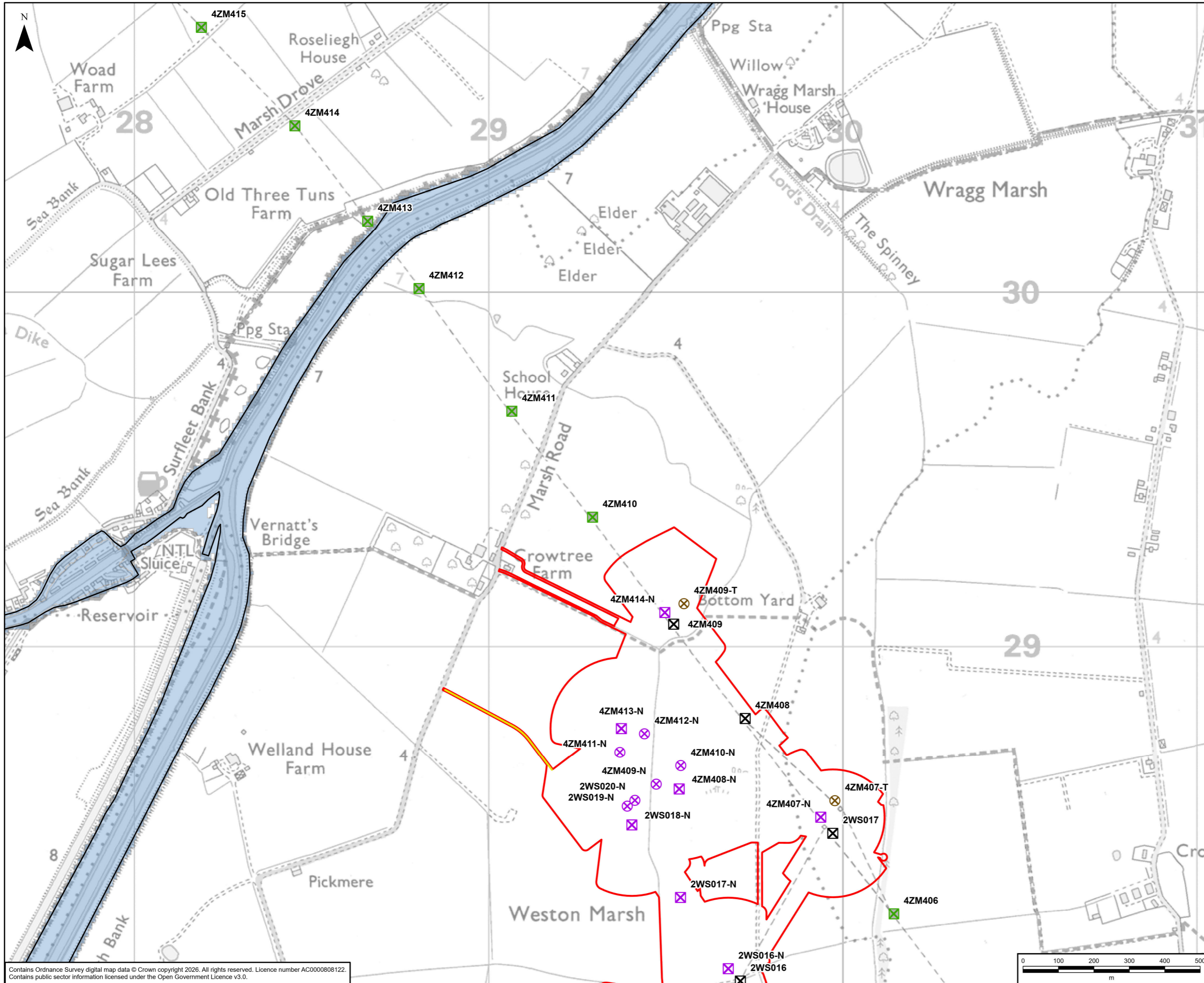
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Figure 10 S37 Pylon Locations



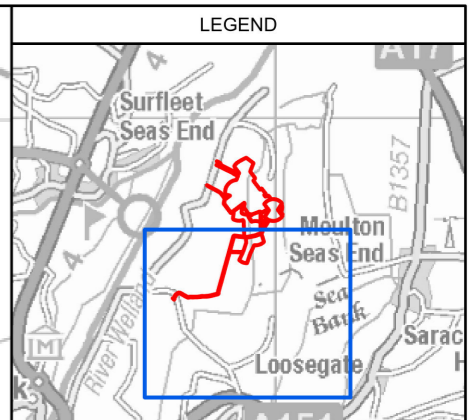
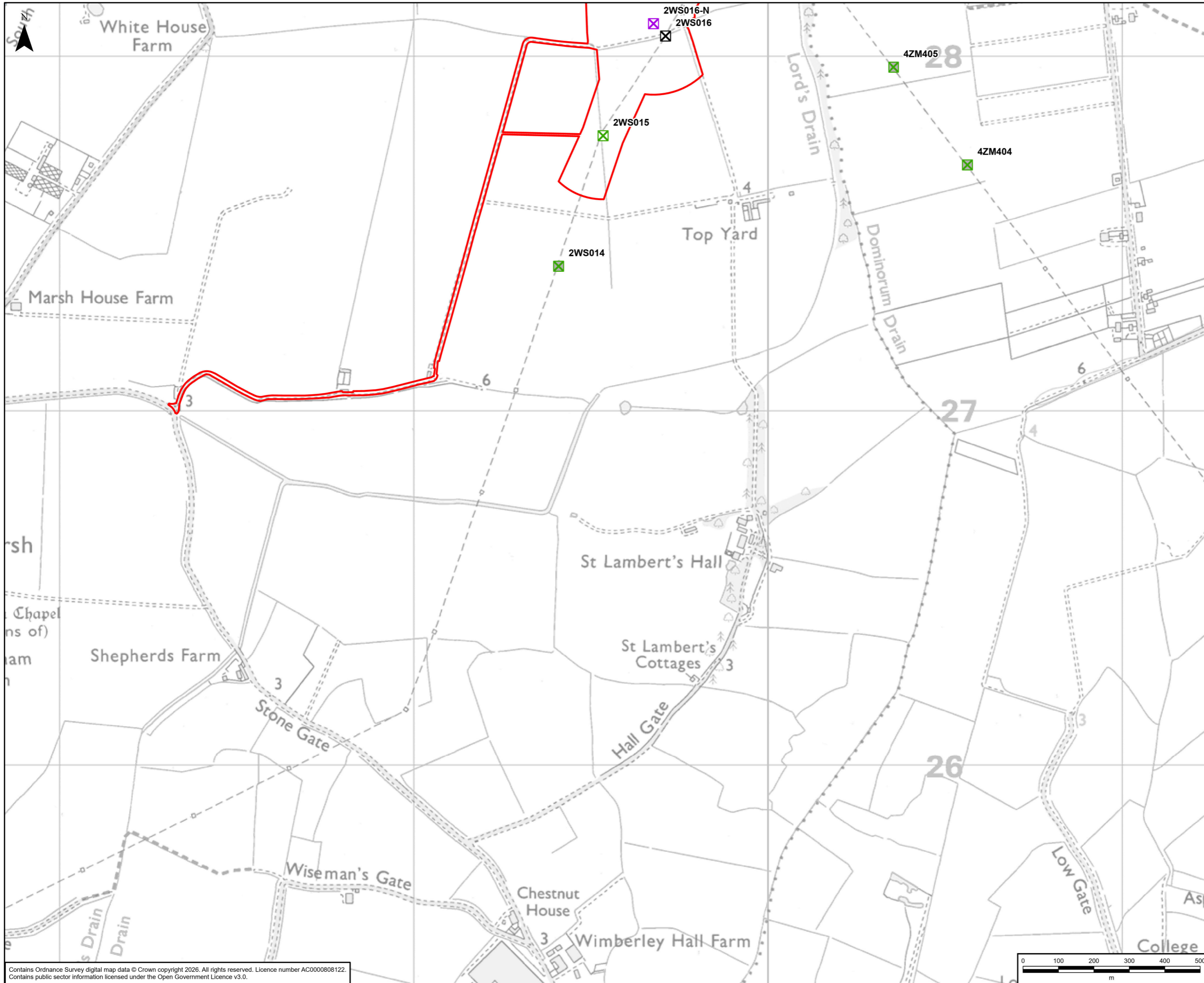
- LEGEND**
- S37 Overhead Line Works Site Boundary
 - Rivers 1in30 and Sea 1in30 Defended Extents
 - Substation Access
 - Spatial Flood Defences
- TOWERS**
- Works**
- Indicative New Lattice Pylon
 - Indicative New Gantry
 - Existing Lattice Pylon - Not Affected
 - X Existing Lattice Pylon - To Be Dismantled
 - X Indicative Temporary Structure

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Purpose: WATER ENVIRONMENT					
Scheme: PROPOSED ELECTRICITY SUBSTATION AND OVERHEAD LINE WORKS AT WESTON MARSH					
Document Title: FIGURE 10 S37 PYLON LOCATIONS					
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- LEGEND**
- S37 Overhead Line Works Site Boundary
 - Rivers 1in30 and Sea 1in30 Defended Extents
- TOWERS**
Works
- X Indicative New Lattice Pylon
 - X Existing Lattice Pylon - Not Affected
 - X Existing Lattice Pylon - To be Modified
 - X Existing Lattice Pylon - To Be Dismantled

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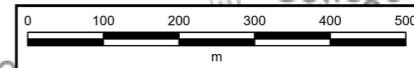
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Purpose: WATER ENVIRONMENT

Scheme: PROPOSED ELECTRICITY SUBSTATION AND OVERHEAD LINE WORKS AT WESTON MARSH

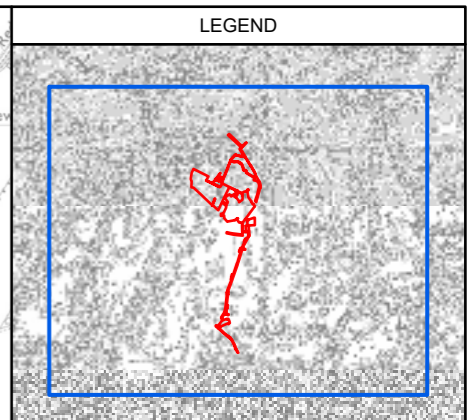
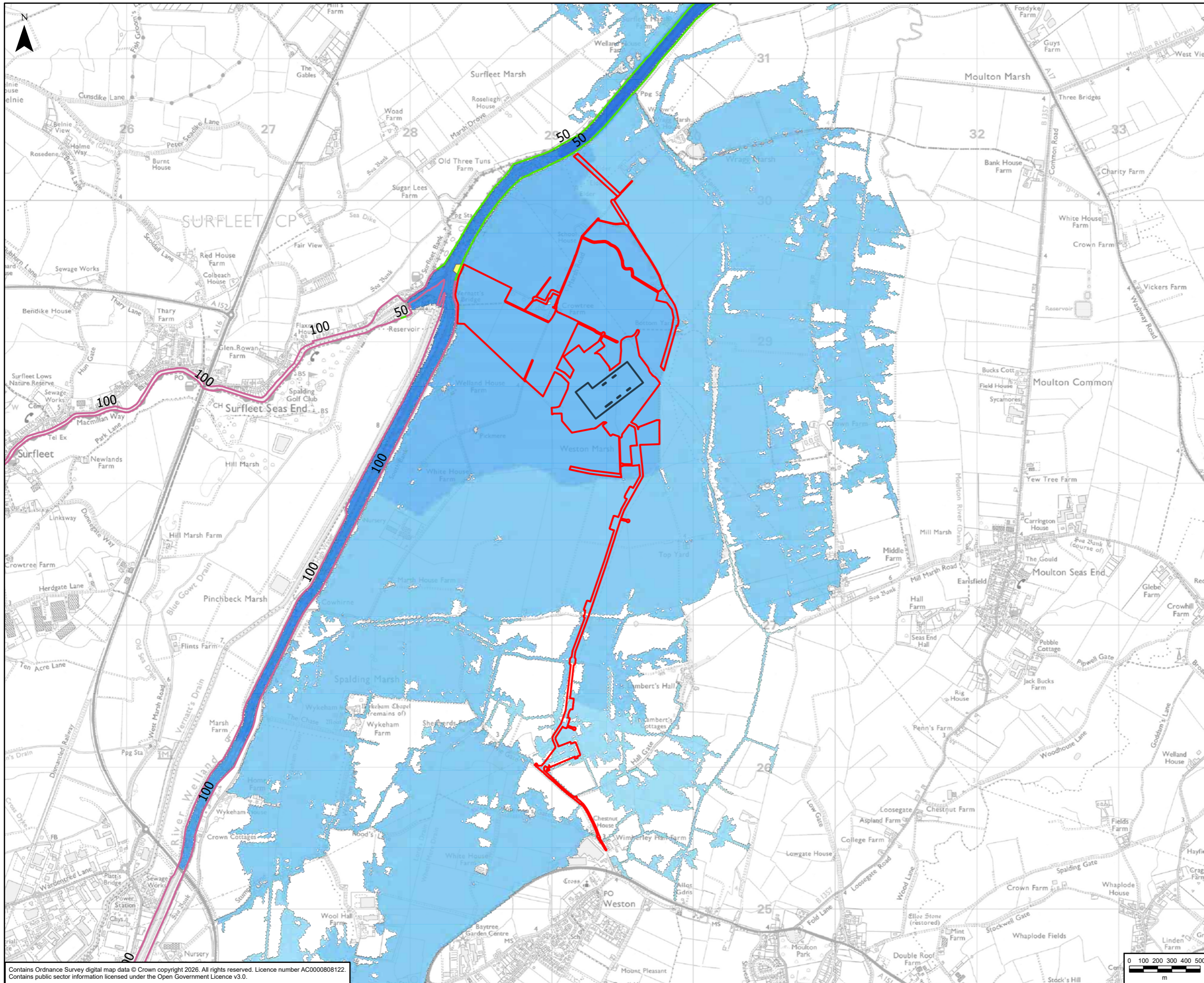
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S37 PYLON LOCATIONS

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**Figure 11 0.1% Annual Probability Event
Breach + Upper End CC Pre-
Development Breach Scenario
(Breach Location 3)**



LEGEND

Legend

- Substation Works Site Boundary
- Substation
- Breach Location

0.1% annual probability plus Upper End climate change (2105) Pre-Development Breach Scenario m AOD

- 1.0000 - 2.0000
- 2.0000 - 3.0000
- 3.0000 - 4.0000
- 4.0000 - 5.0000
- 5.0000 - 6.0000
- 6.0000 - 7.0000
- >7.0000

AIMS Flood Defences SoP

- 50
- 100

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Scheme: PROPOSED ELECTRICITY SUBSTATION AND OVERHEAD LINE WORKS AT WESTON MARSH

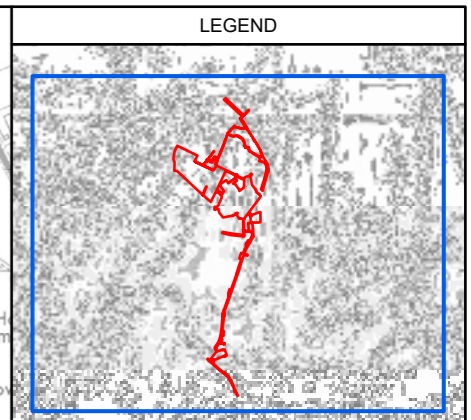
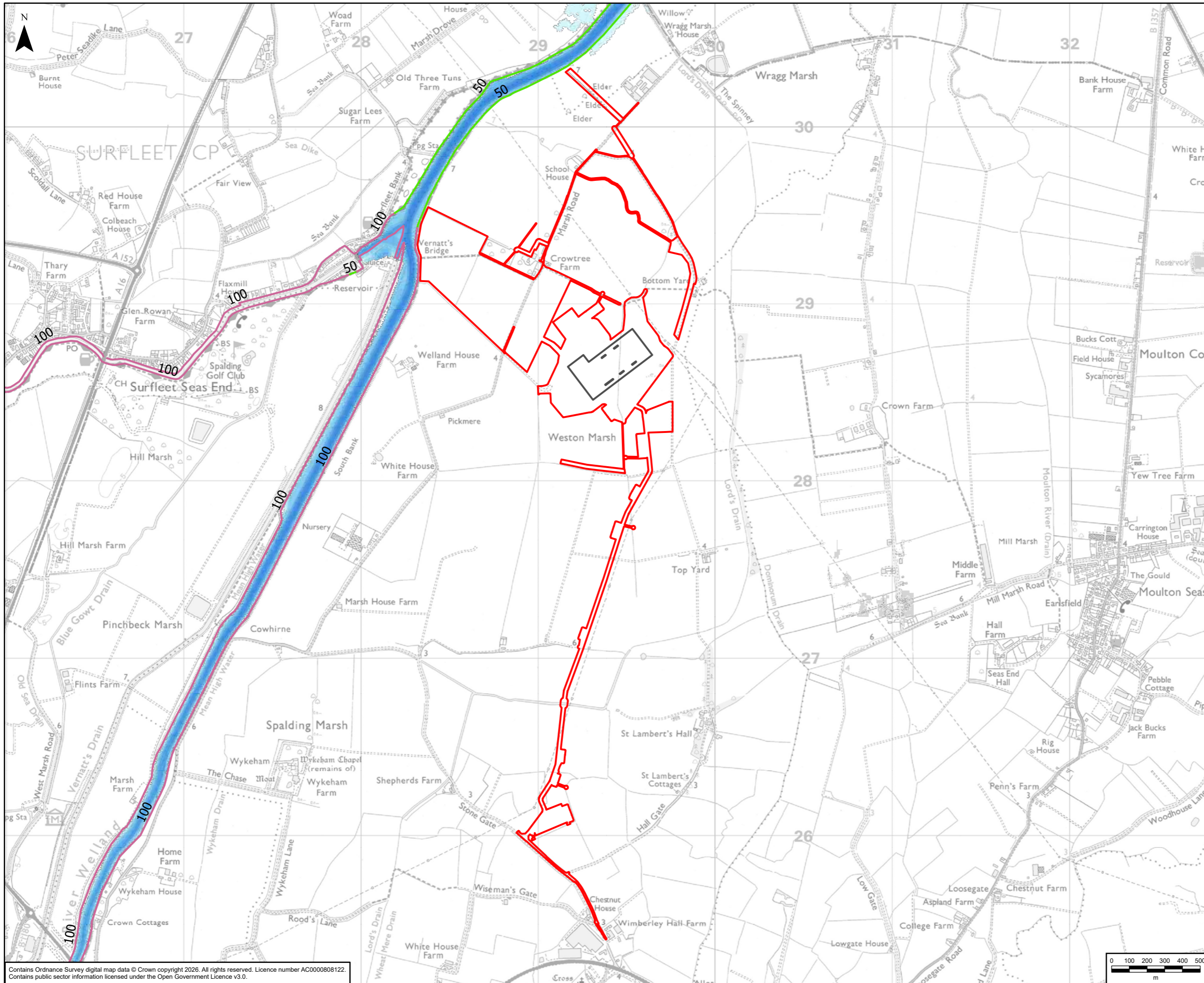
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0.1% ANNUAL PROBABILITY EVENT BREACH + UPPER END CC PRE-DEVELOPMENT BREACH SCENARIO (BREACH LOCATION 3)

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Figure 12 0.1% Annual Probability Event + Upper End CC Overtopping



LEGEND

- Substation Works Site Boundary
- Substation
- 0.1% annual probability event + Upper End CC overtopping
- <=0.2500
- 0.251 - 0.5000
- 0.501 - 1.2500
- 1.251 - 2.5000
- 2.501 - 4.0000
- 4.001 - 6.0000
- 6.001 - 8.0000
- AIMS Flood Defences SoP
- 50
- 100

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Purpose: WATER ENVIRONMENT

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Document Title: FIGURE 12
0.1% ANNUAL PROBABILITY EVENT + UPPER END CC OVERTOPPING

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Appendix A Hydraulic Modelling Report

[Hydraulic Modelling Report Document Reference GWNC-WSP-SS50-XXXXXX-RPT-ES-00000X]

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