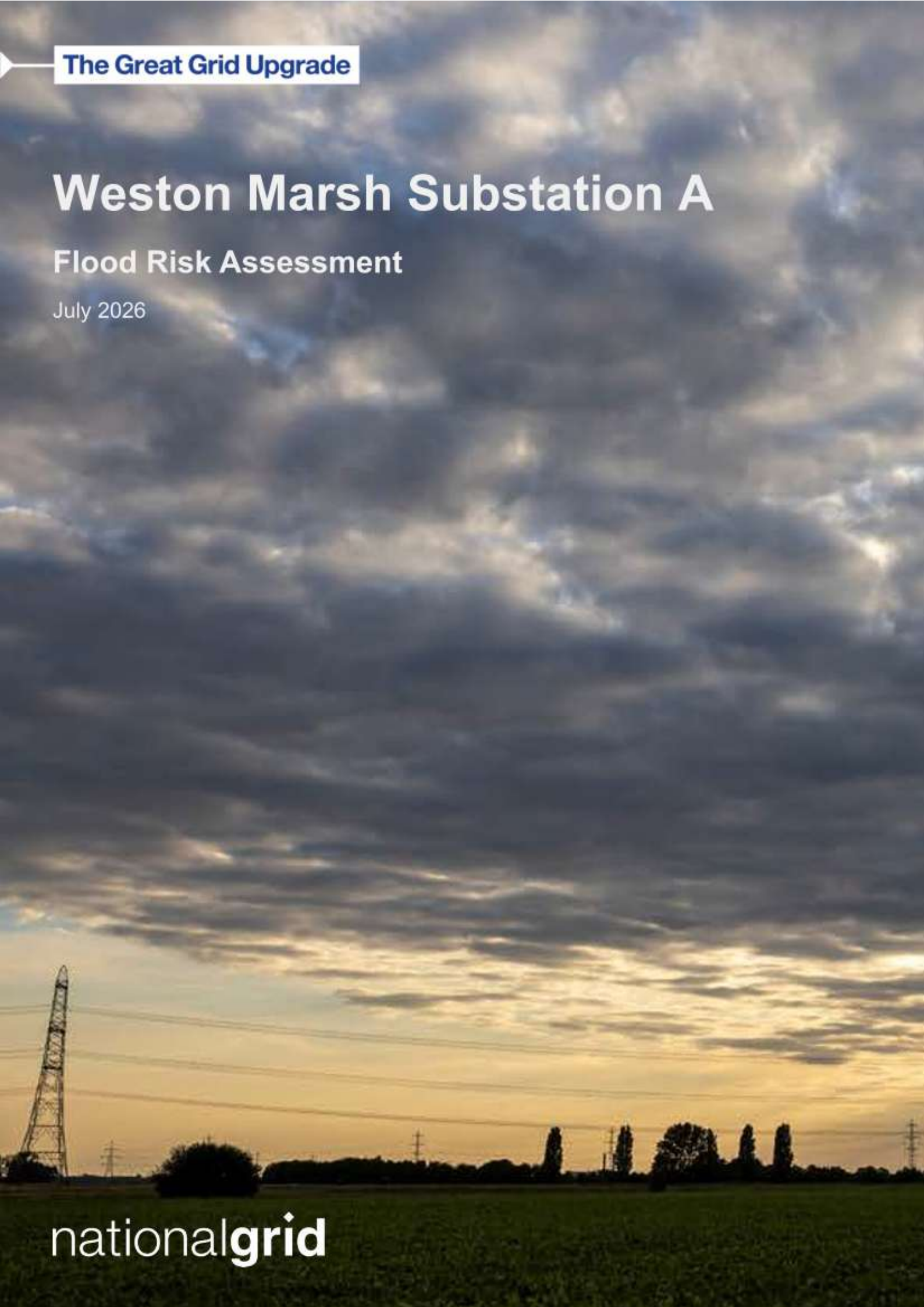
The Great Grid Upgrade

Weston Marsh Substation A

Flood Risk Assessment

July 2026



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Weston Marsh Substation A
Document control

Document Properties	
Organisation	WSP UK Ltd
Approved by	National Grid
Title	Flood Risk Assessment
Document Register ID	GWNC-WSP-SS50-XXXXXX-RPT-ES-000002
Data Classification	Public

Version History

Document	Version	Status	Description / Changes
May 2026	1.0	Final	First Issue
July 2026	1.1	Final	Correction to stated substation dimensions and area

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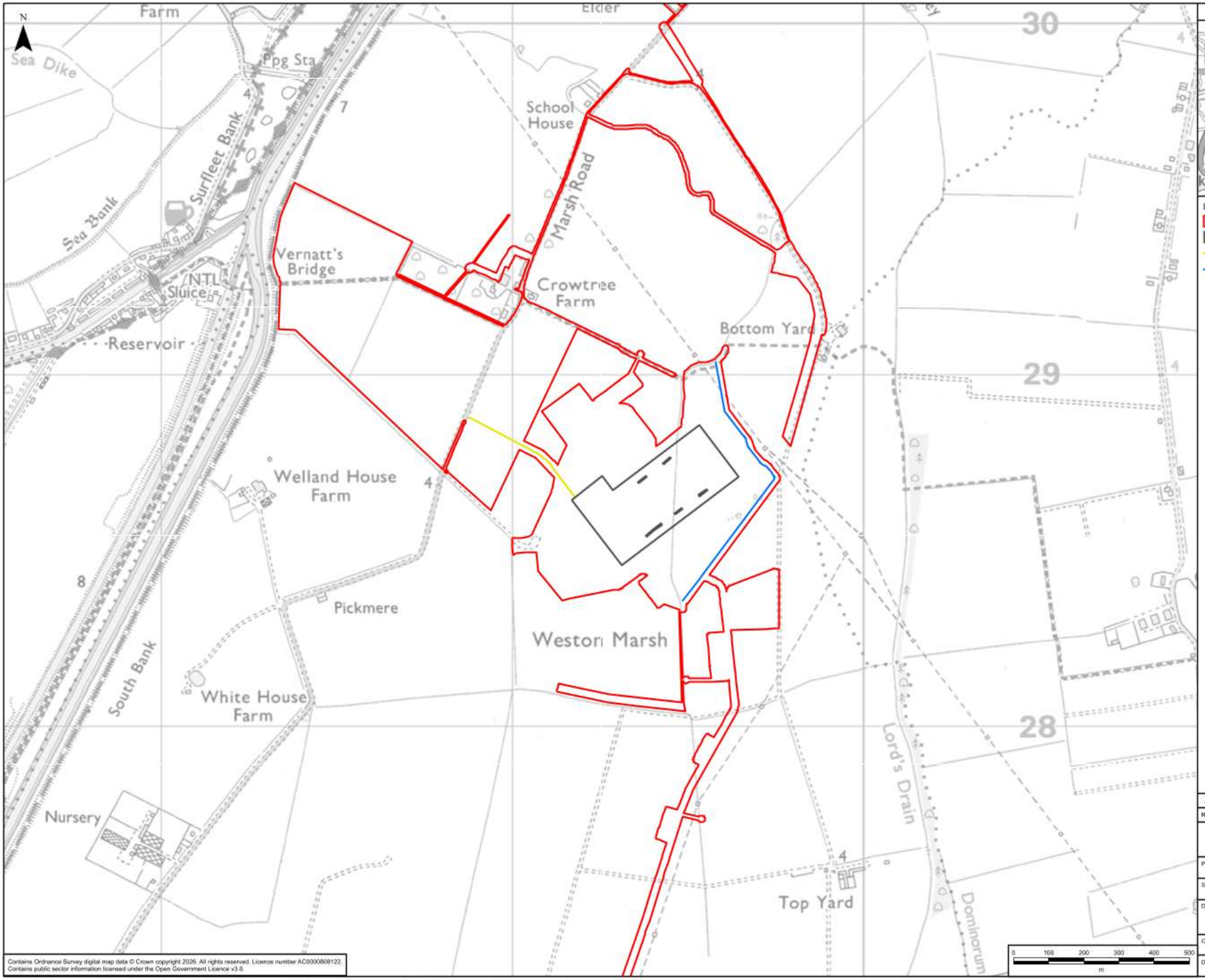
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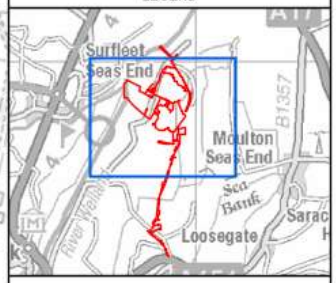
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Figure 6 Substation Permanent Access and Drainage Diversion





LEGEND

Legend

- Substation Works Site Boundary
- Substation Footprint
- Substation Access
- Permanent Drainage Diversion

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

Document Title: FIGURE 6 SUBSTATION PERMANENT ACCESS AND DRAINAGE DIVERSION

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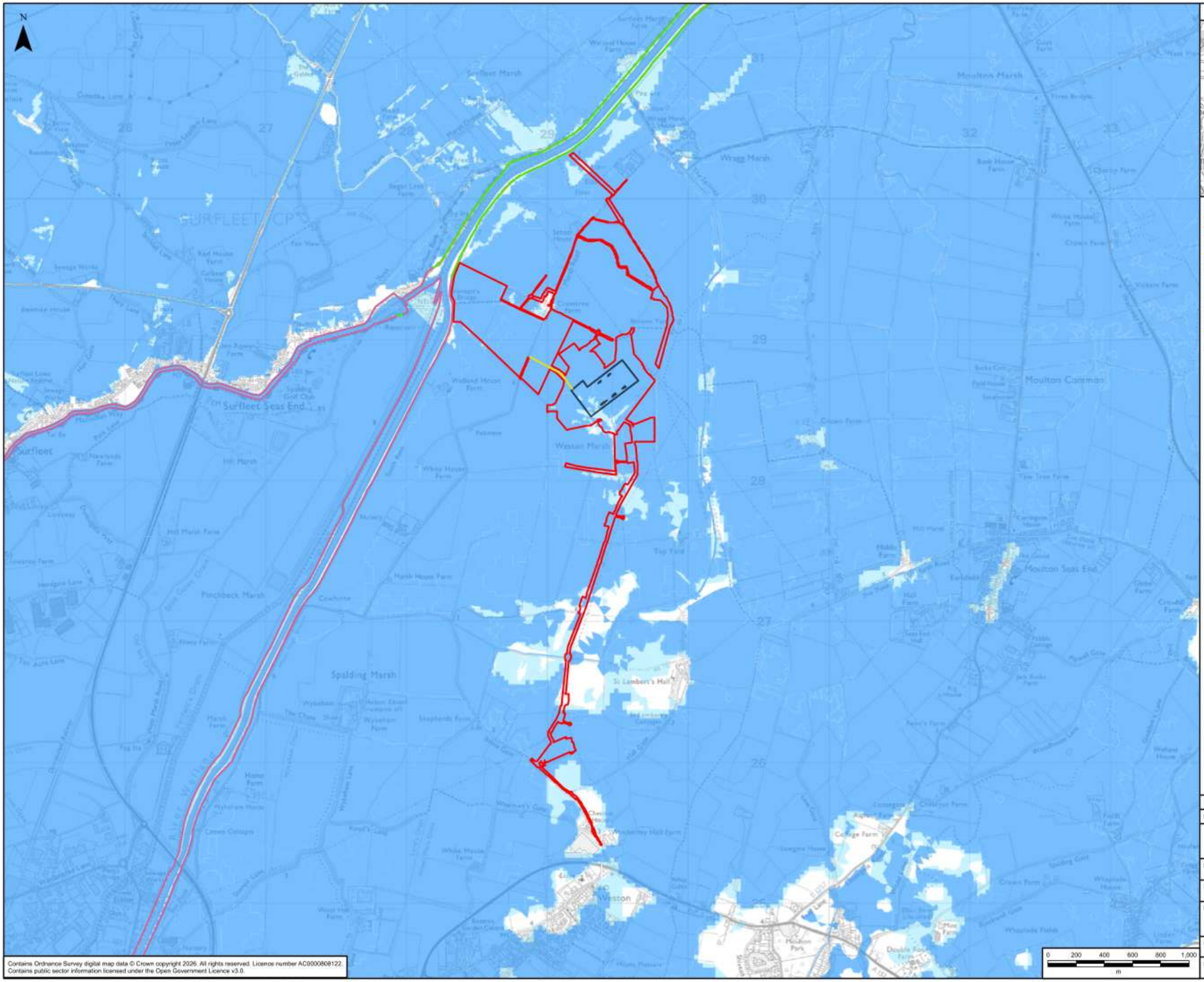
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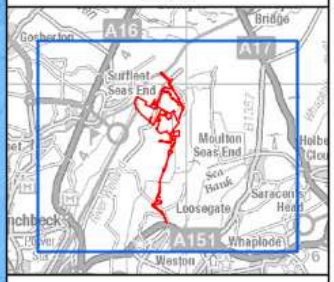
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Figure 7 Flood Risk Assessment - Fluvial and Tidal Flood Zones



LEGEND



Legend

- Substation Works Site Boundary
- Substation Footprint
- Substation Access

Planning Flood Map for Rivers and Sea

- Flood Zone 2
- Flood Zone 3

AIMS Flood Defences SoP

- 50
- 100

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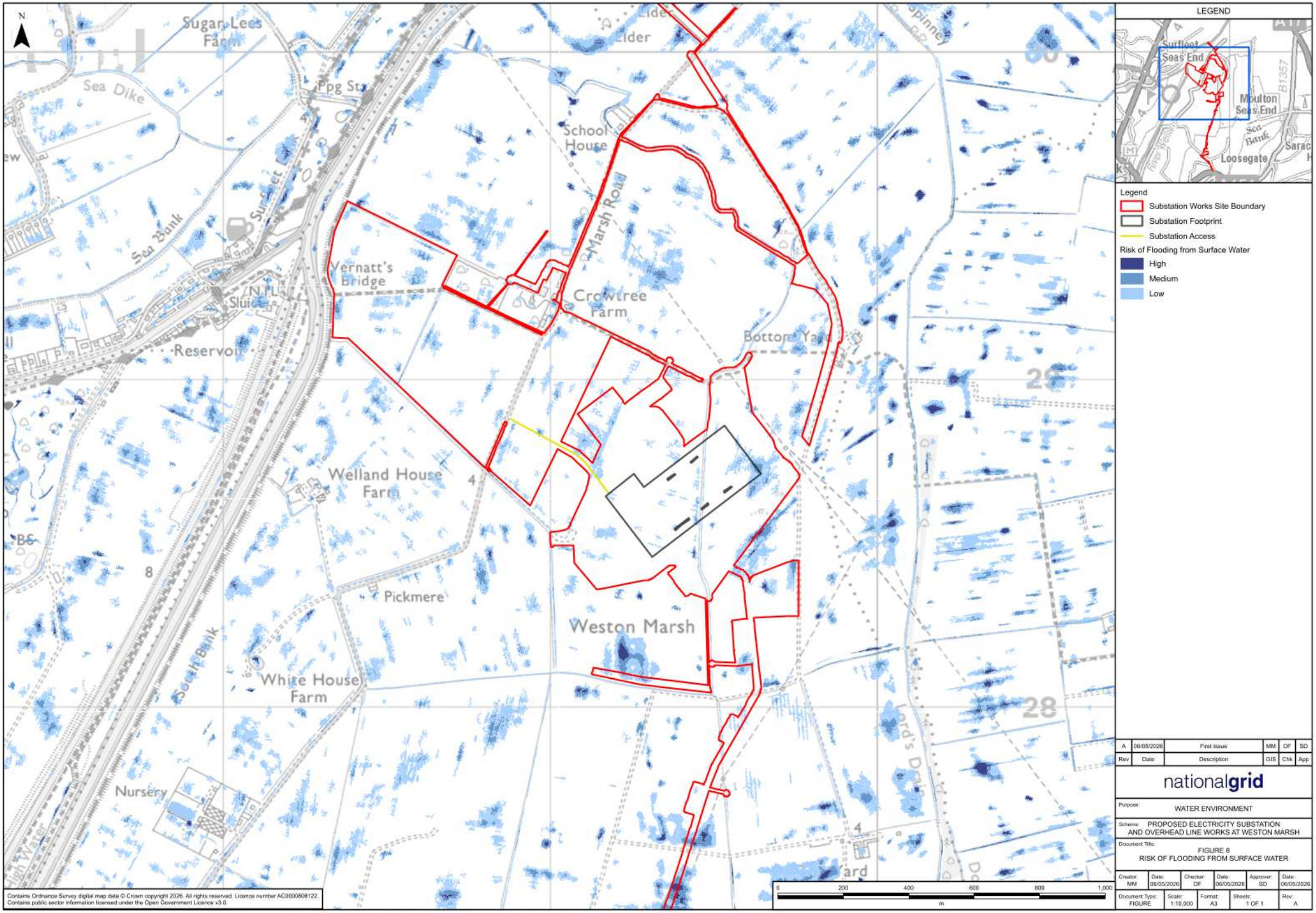
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Figure 8 Risk of Flooding from Surface Water



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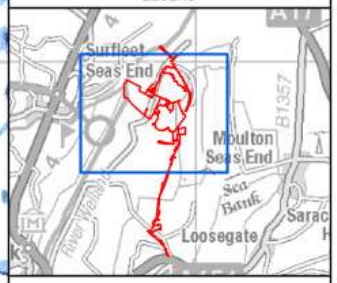
Figure 9 Risk of Flooding from Surface Water Hazard - Climate Change



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0 100 200 300 400 500
m

LEGEND



Legend

- Substation Works Site Boundary
- Substation Footprint
- Substation Access

Risk of Flooding from Surface Water - Climate Change 1

- High
- Medium
- Low
- Very low

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

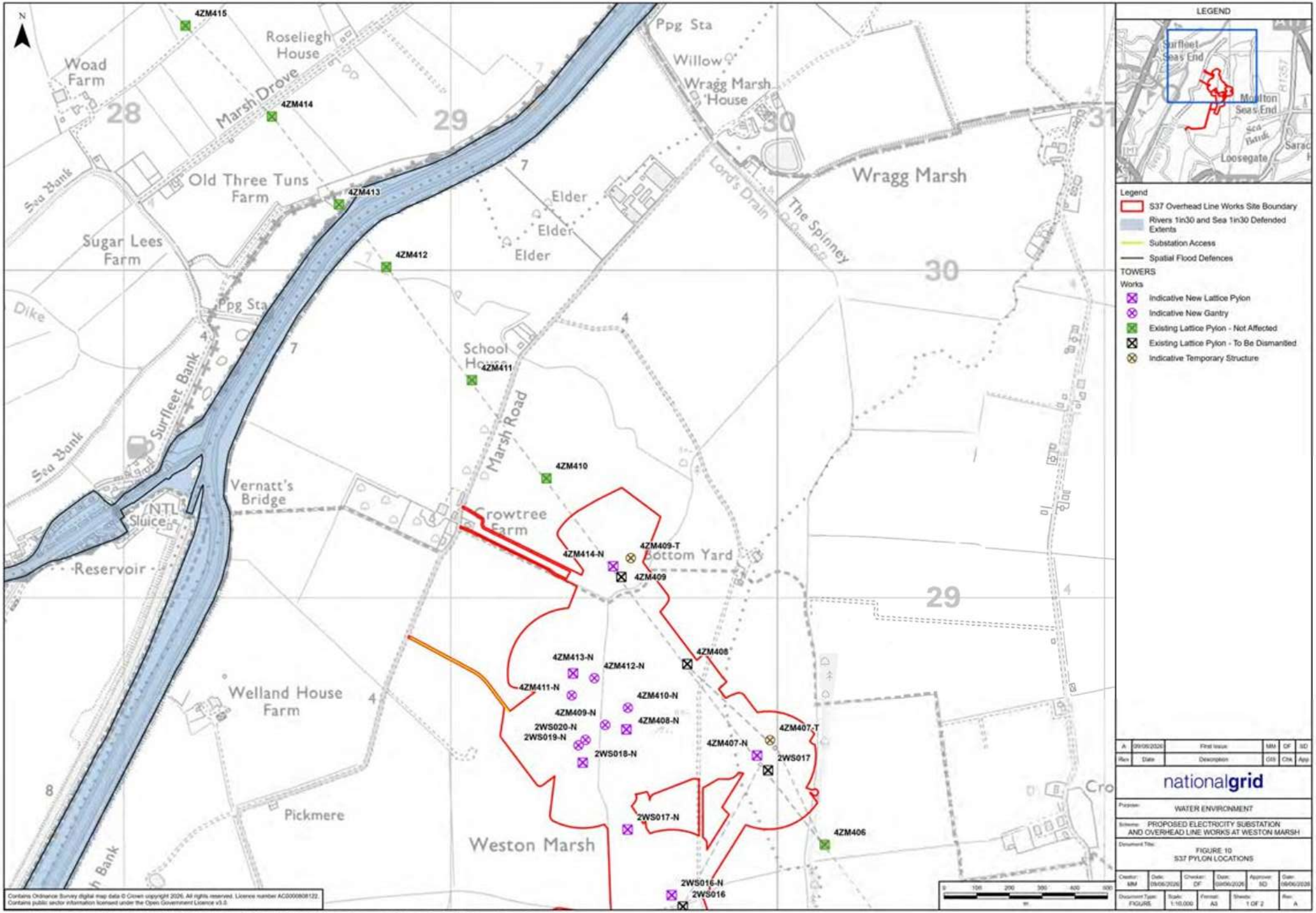
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RISK OF FLOODING FROM SURFACE WATER HAZARD - CLIMATE CHANGE

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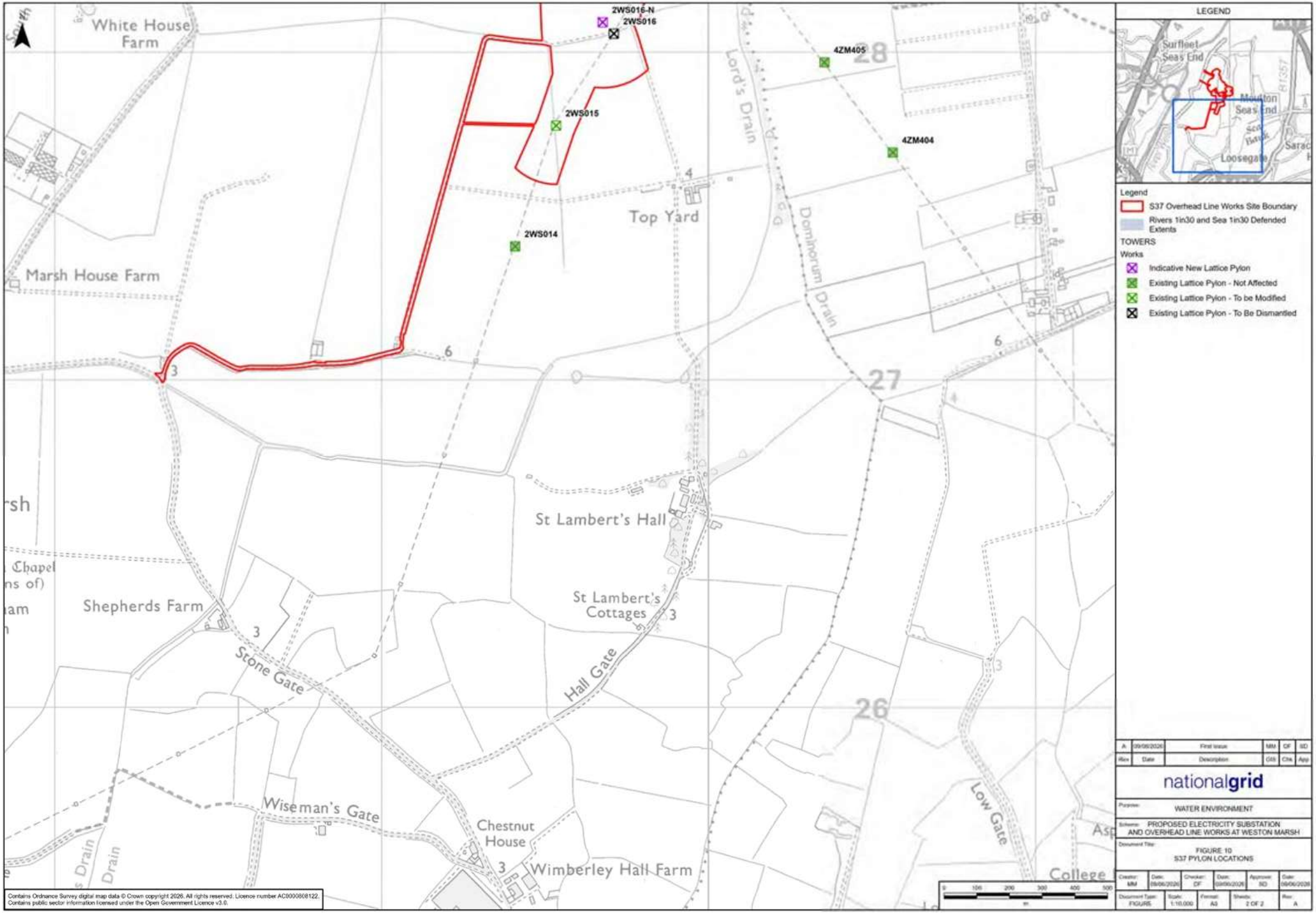
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Figure 10 S37 Pylon Locations

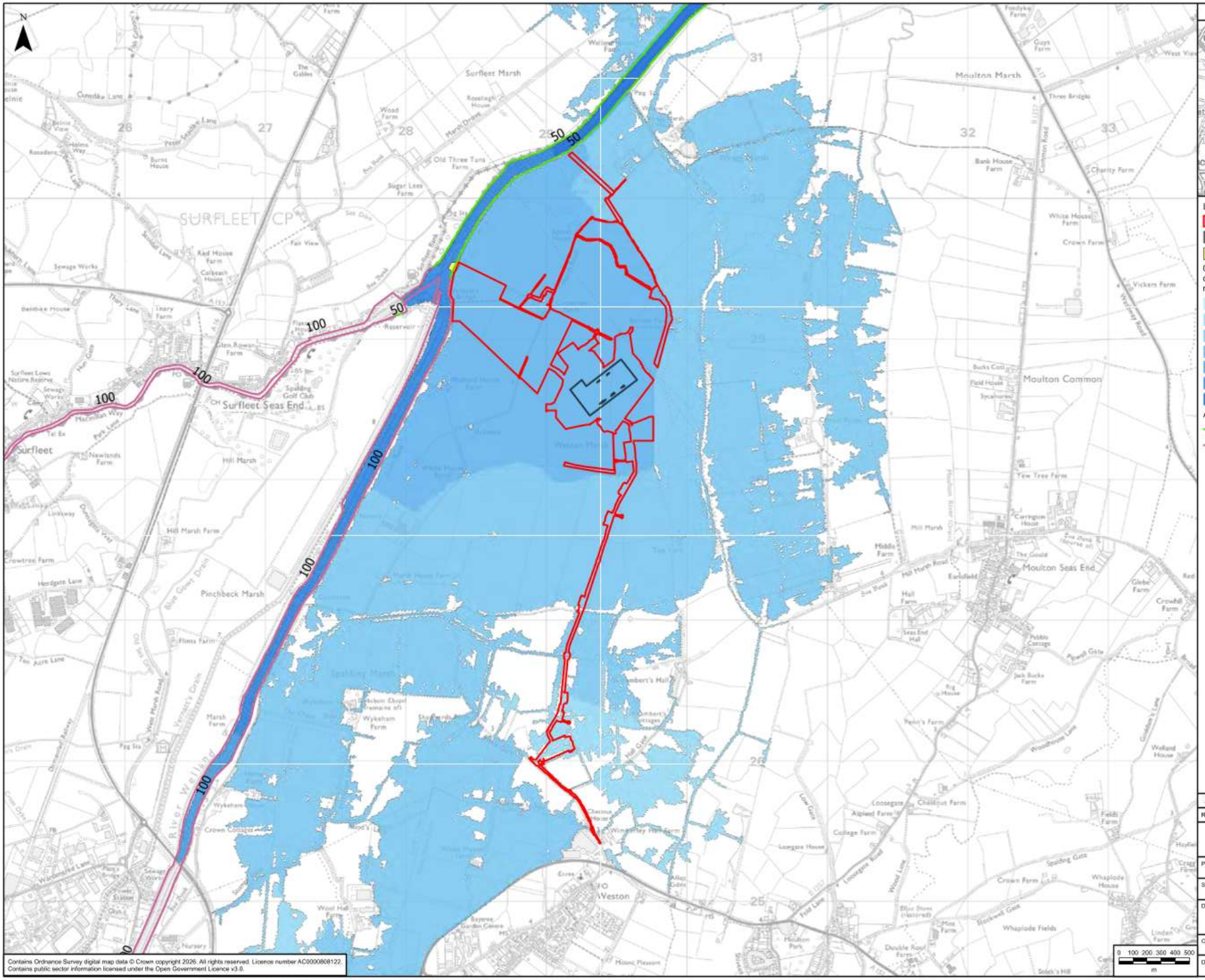


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Figure 11 0.1% Annual Probability Event Breach + Upper End CC Pre-Development Breach Scenario (Breach Location 3)



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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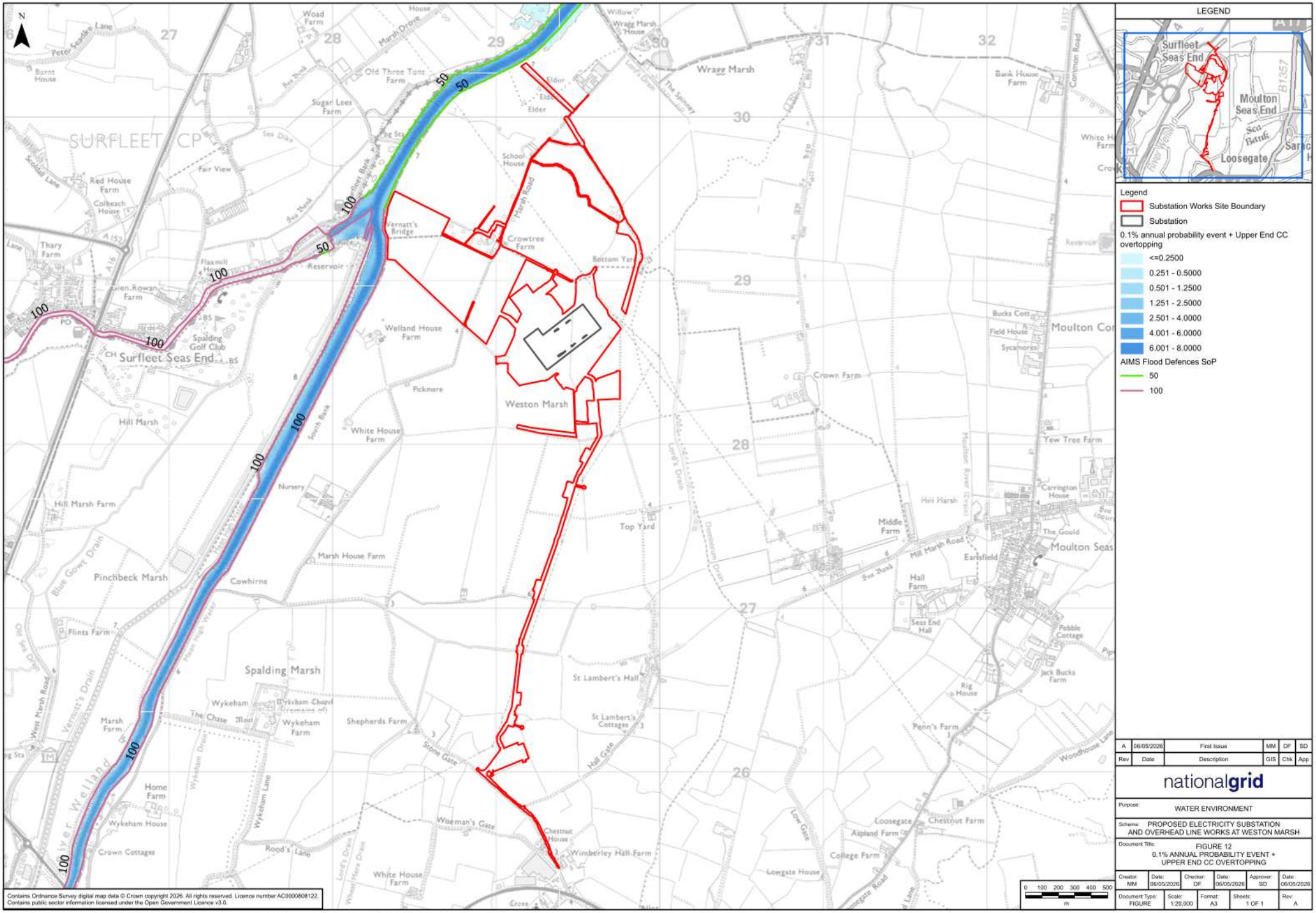
Document Title: FIGURE 11
0.1% ANNUAL PROBABILITY EVENT BREACH + UPPER END CC PRE-DEVELOPMENT BREACH SCENARIO (BREACH LOCATION 3)

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



LEGEND

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

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Appendix A Hydraulic Modelling Report

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