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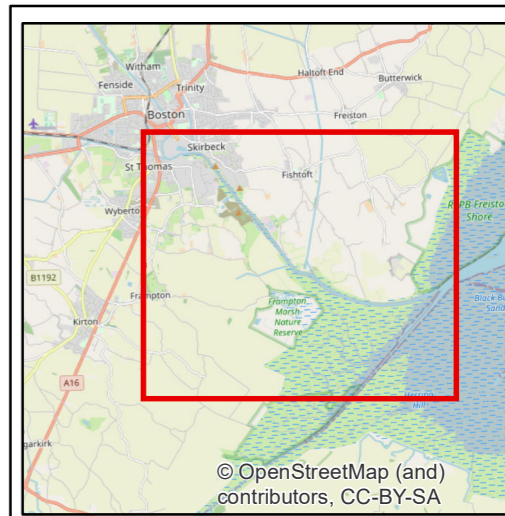
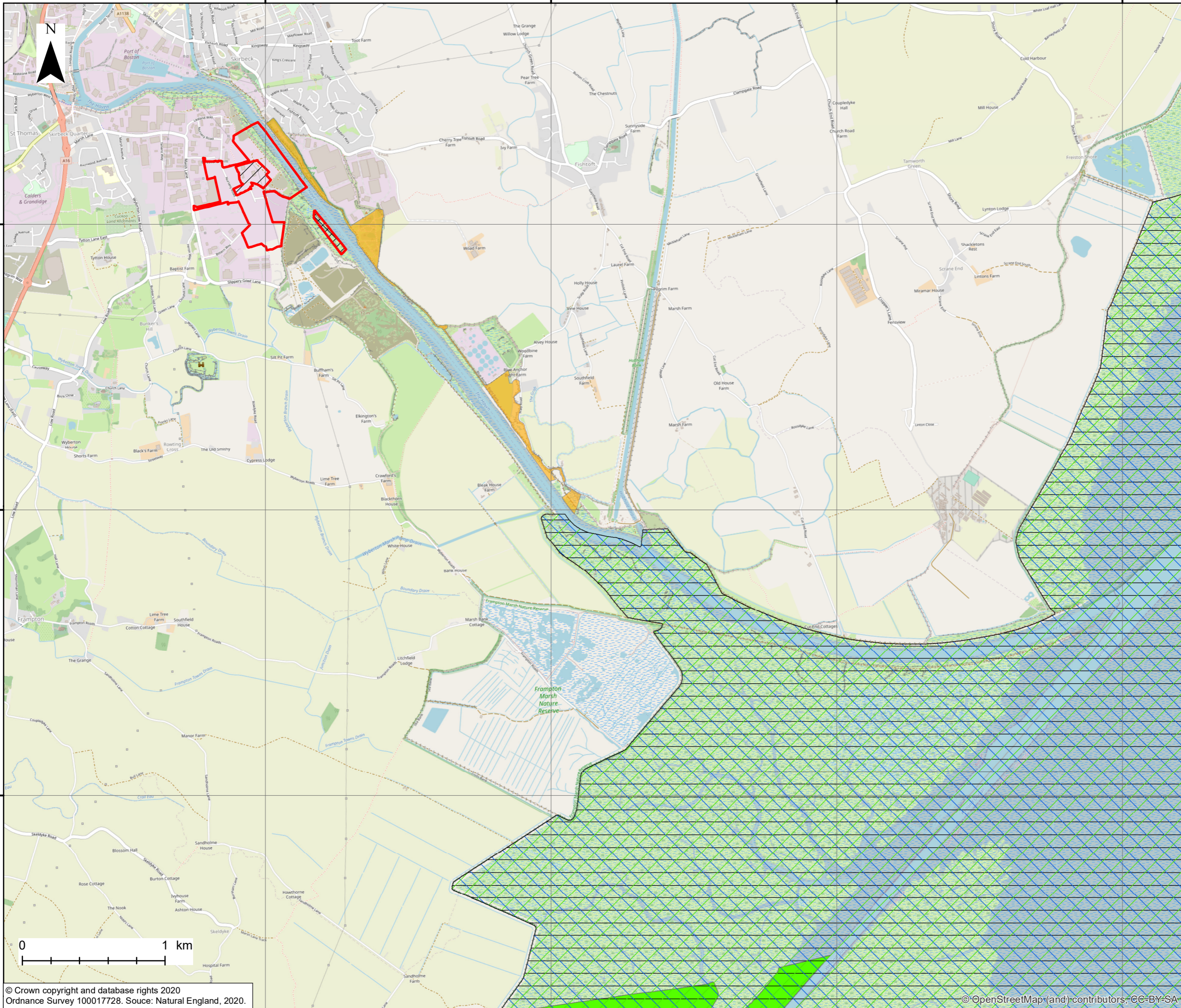
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Key

-  Order limits
-  Habitat Mitigation Area
-  Land outside Order limits
-  Havenside Local Nature Reserve
-  The Wash SPA
-  The Wash and North Norfolk Coast SAC
-  The Wash SSSI
-  The Wash NNR

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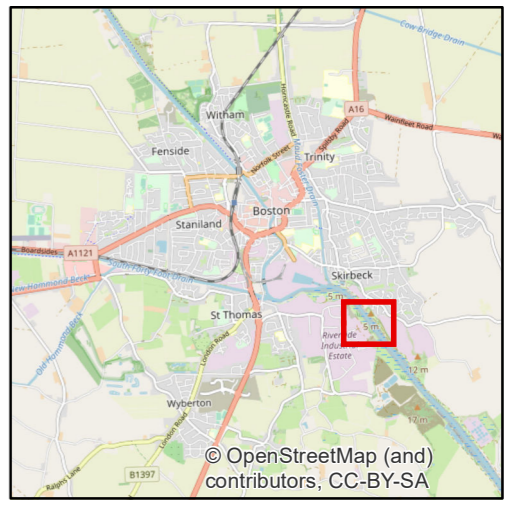
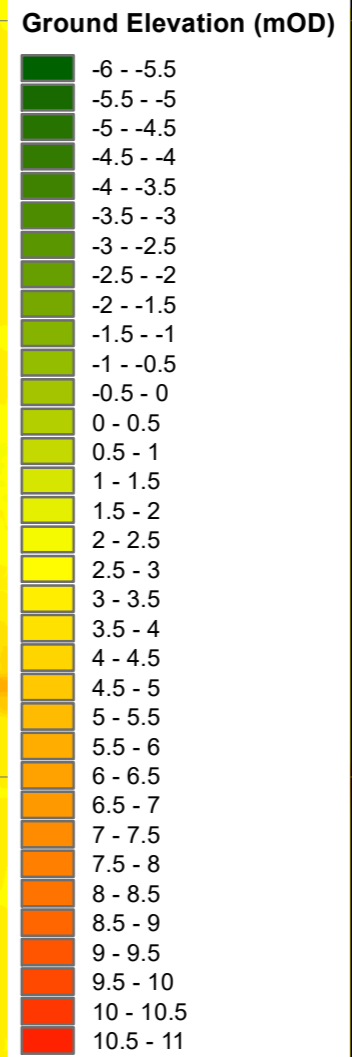
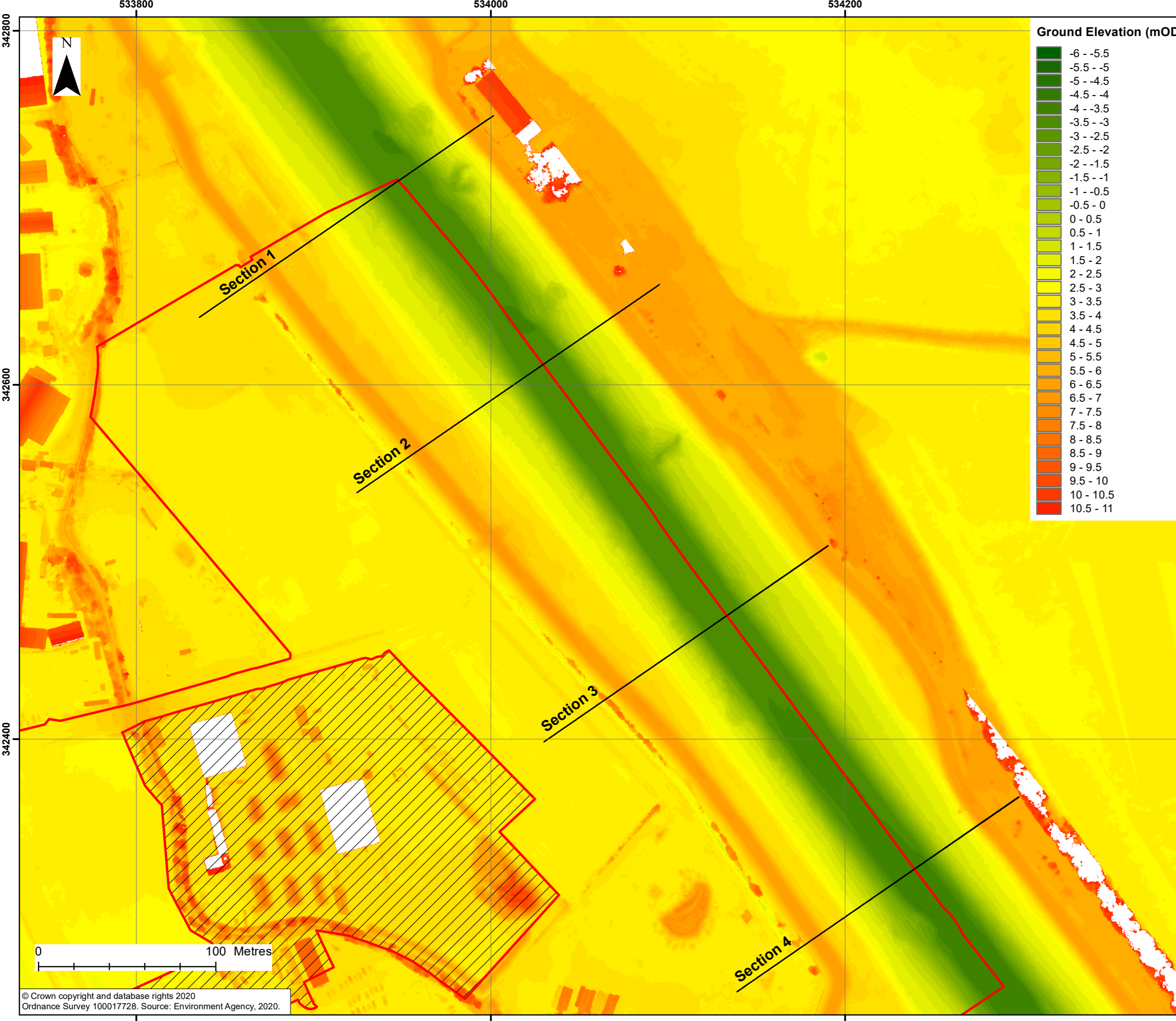
TITLE

**RECEPTOR GROUPS AND
STUDY AREA FOR THE ASSESSMENT
OF ESTUARINE PROCESSES
FIGURE 16.1**



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- Key**
- Order limits
 - Land outside Order limits

Notes

- Refer to Plate 16.1 for sections.

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**BATHYMETRY AND TOPOGRAPHY
OF THE STUDY AREA
FIGURE 16.2**

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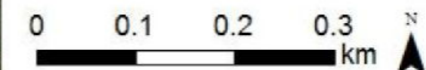
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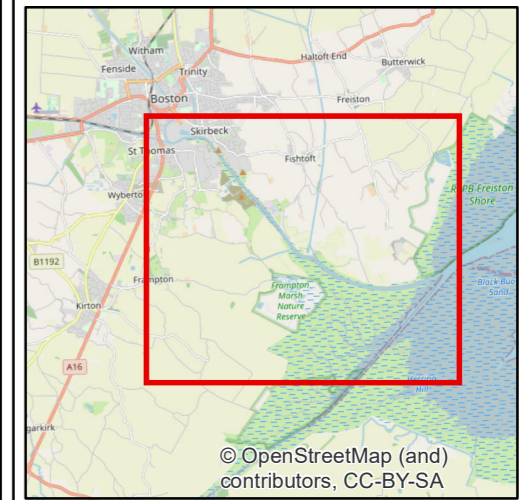
Saltmarsh Survey Transect and Quadrat locations on the River Witham

Legend

- Quadrats
- Transects



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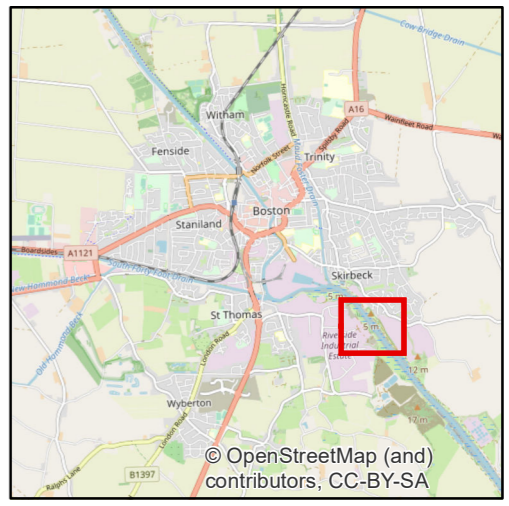
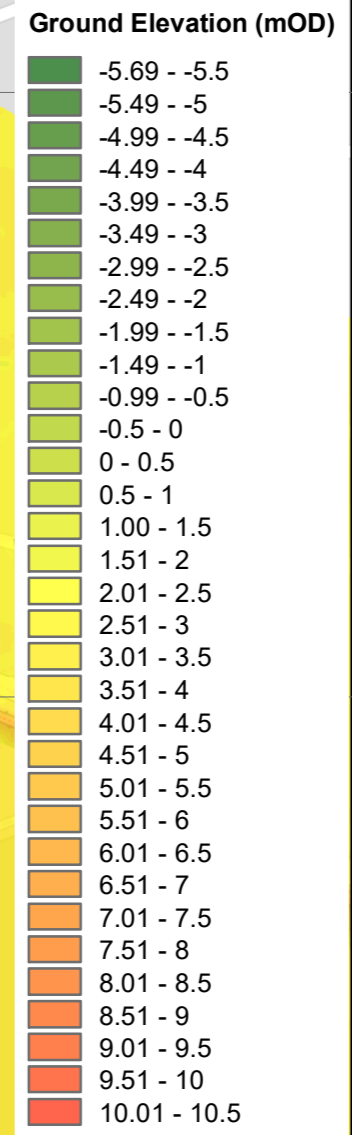
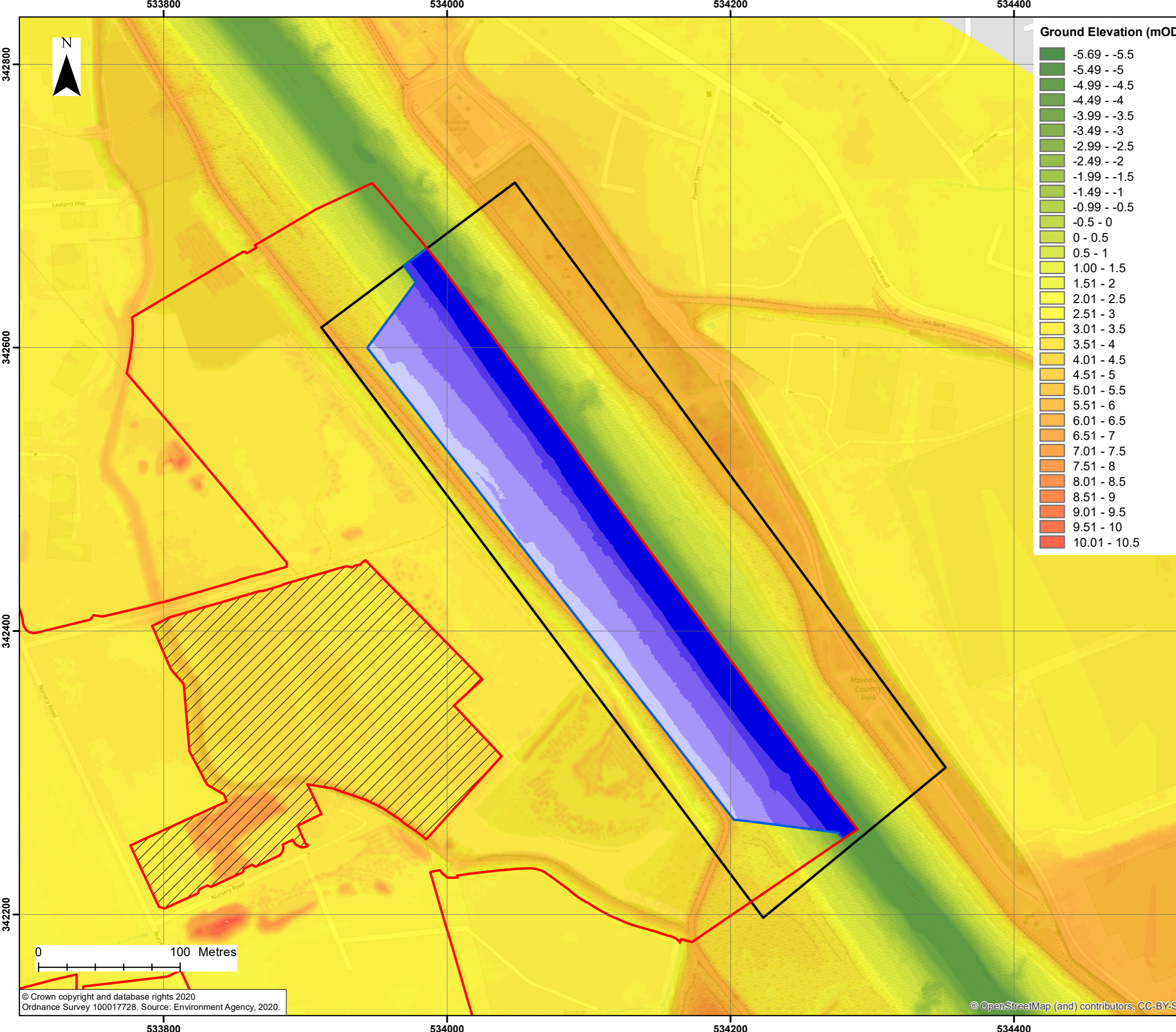
**BOSTON
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**LOCATIONS OF SALTMARSH SURVEY
TRANSECTS AND QUADRATS FOR THE BOSTON
TIDAL BARRIER (ENVIRONMENT AGENCY, 2017B)
FIGURE 16.3**

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Key

- Order limits
- Land outside Order limits
- Proposed Area to be Dredged
- Tidal Prism Area of Calculation

Dredged Area Levels

Value (m)

- 4 - -2
- 2 - 0
- 0 - 2
- 2 - 4
- 4 - 6

| | | | | | |
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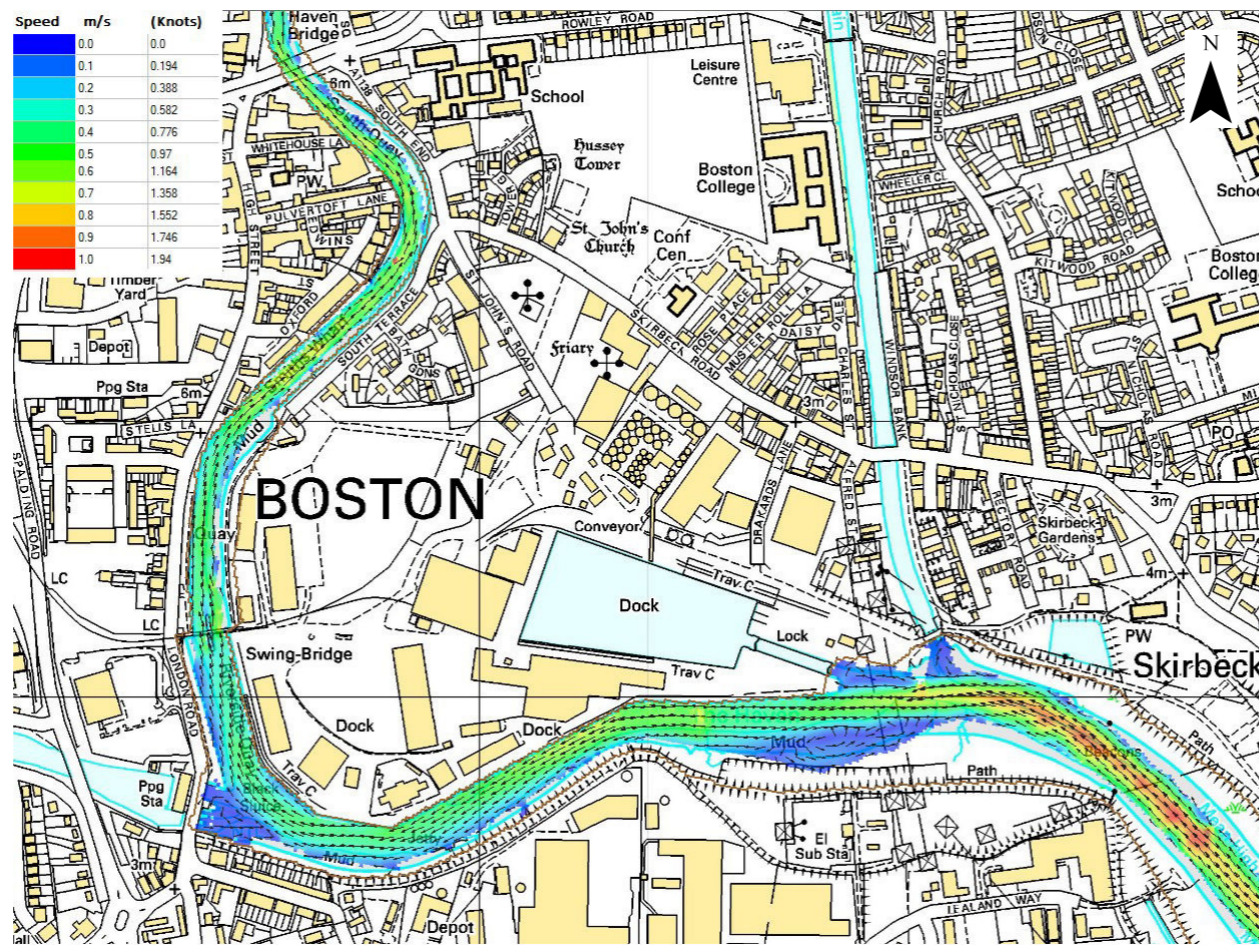
**BOUNDARY OF TIDAL PRISM
CALCULATION
FIGURE 16.4**

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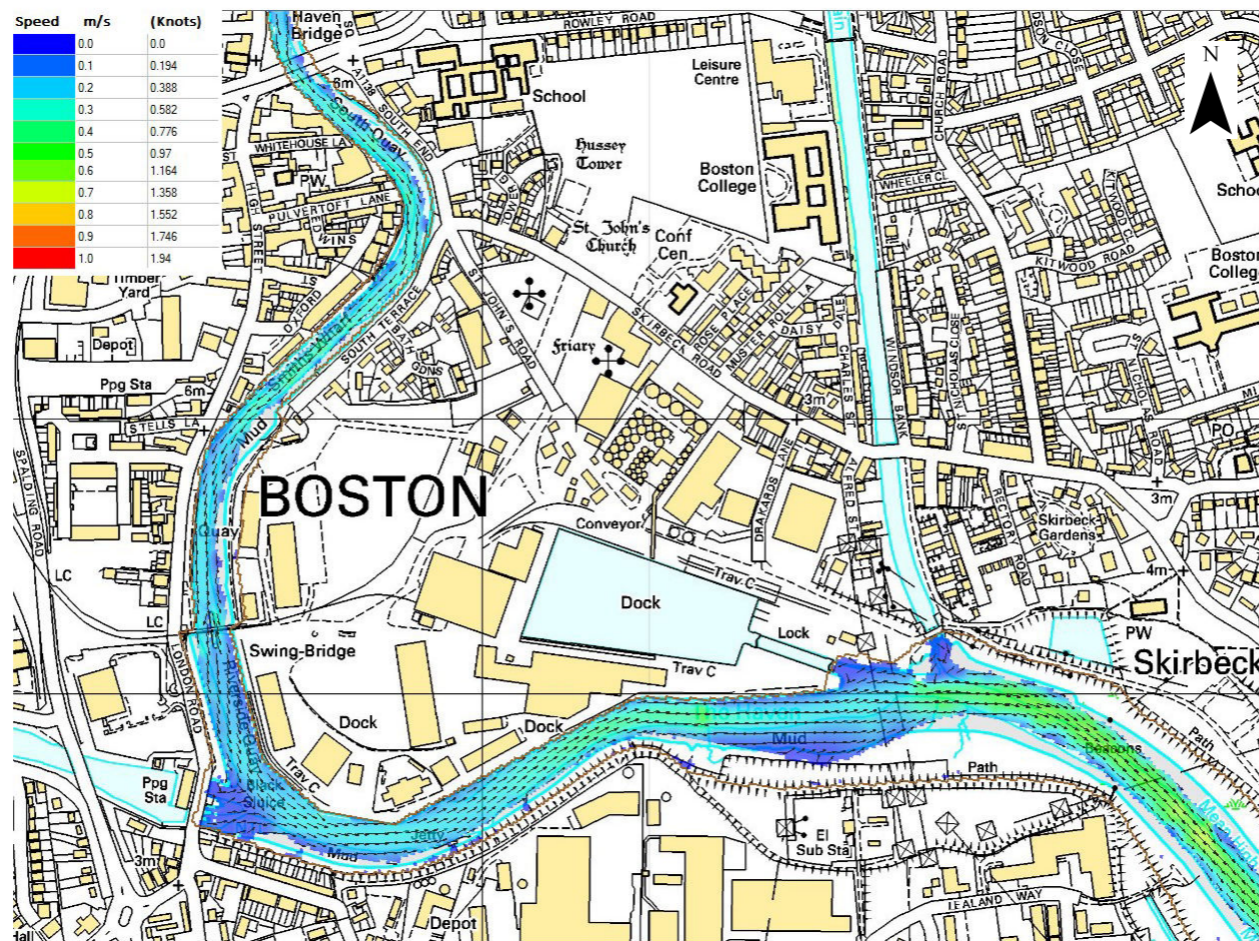
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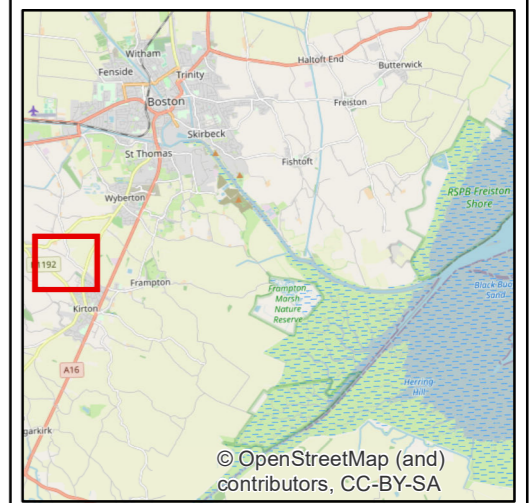
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**Predicted Baseline Typical Summer Flood Current Velocities
Upstream from and at the North end of the Facility
(Mott MacDonald 2016)**



**Predicted Baseline Typical Summer Ebb Current Velocities
Upstream from and at the North end of the Facility
(Mott MacDonald 2016)**



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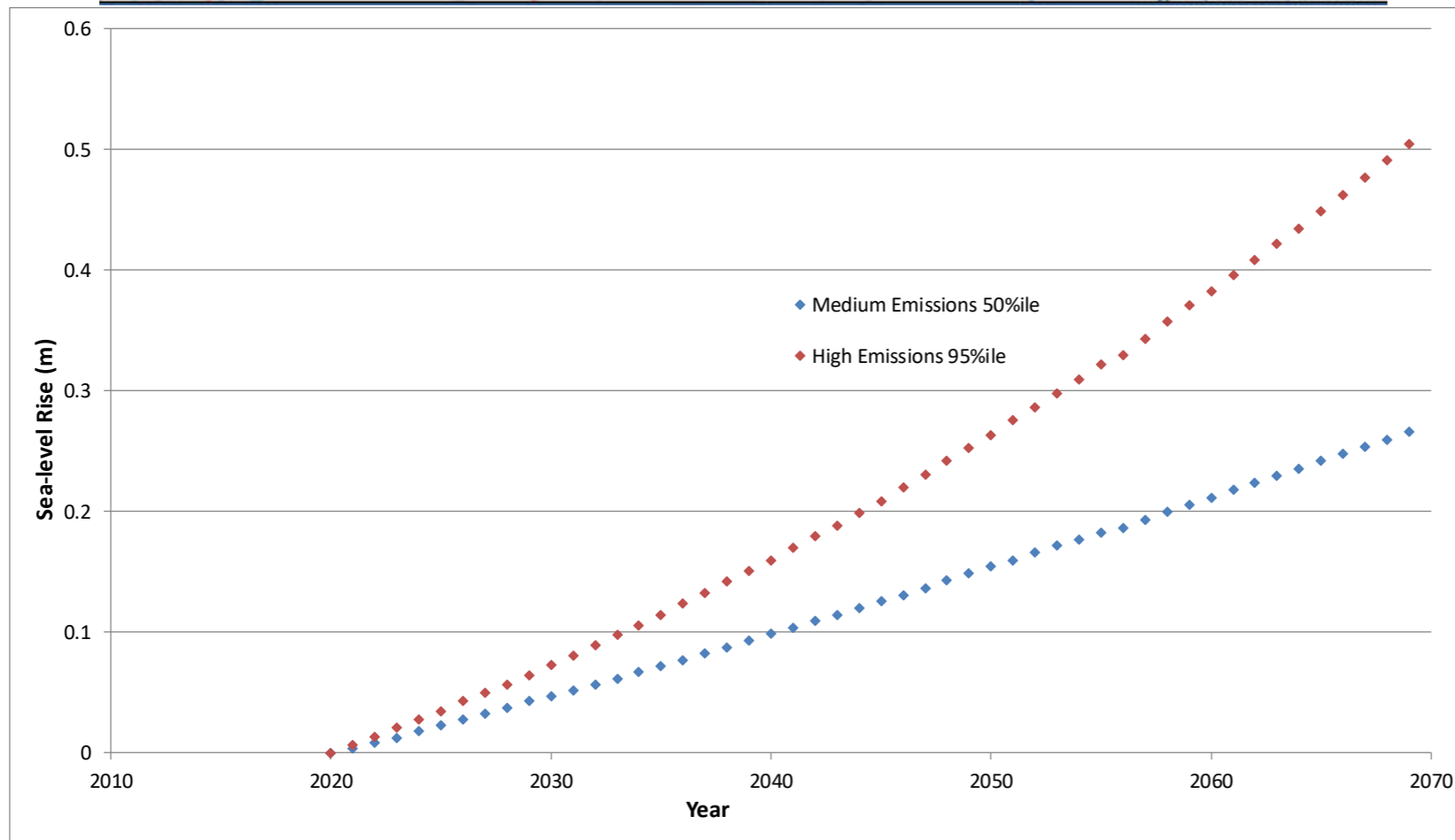
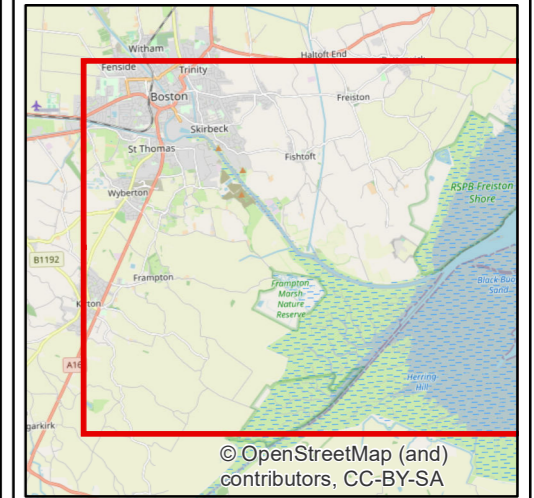
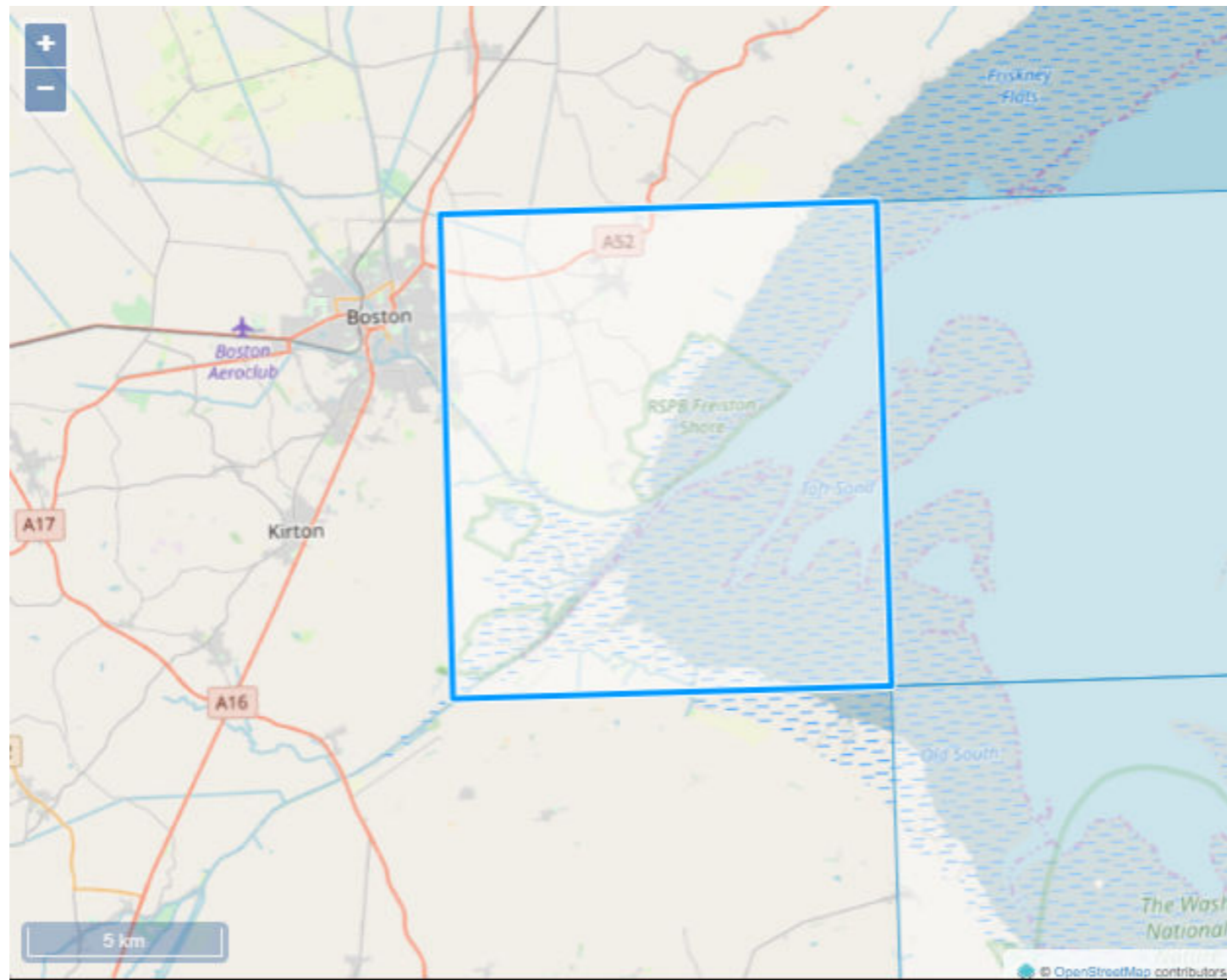
TITLE

**PREDICTED BASELINE TYPICAL SUMMER
FLOOD AND EBB CURRENT VELOCITIES
FIGURE 16.5**

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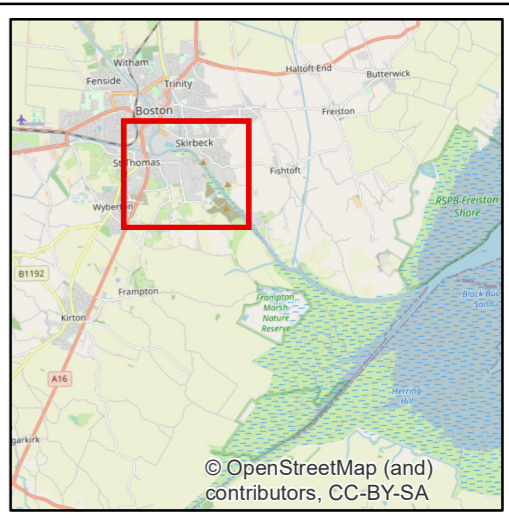
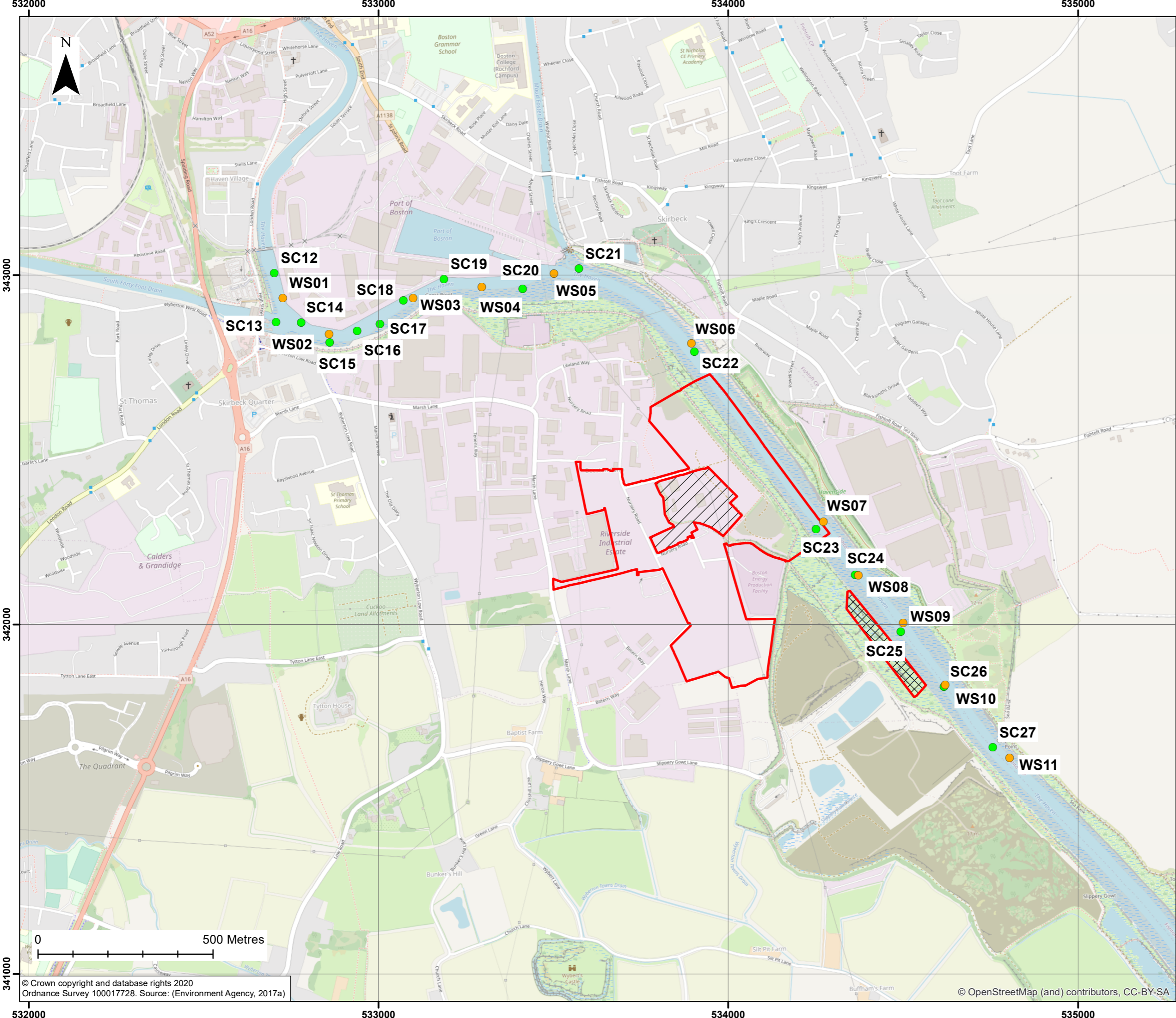
TITLE

**UKCP18 MODEL GRID (TOP) AND
CHANGES IN SEA LEVEL (M) FOR THE HAVEN
UNDER THE 50%ILE MEDIUM AND 95%ILE HIGH
EMISSIONS SCENARIOS (BOTTOM)
Figure 16.6**

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- Key**
- Order limits
 - Habitat Mitigation Area
 - Land outside Order limits
 - Water sample location
 - Vibrocore and estuary bed sample location

| | | | | | |
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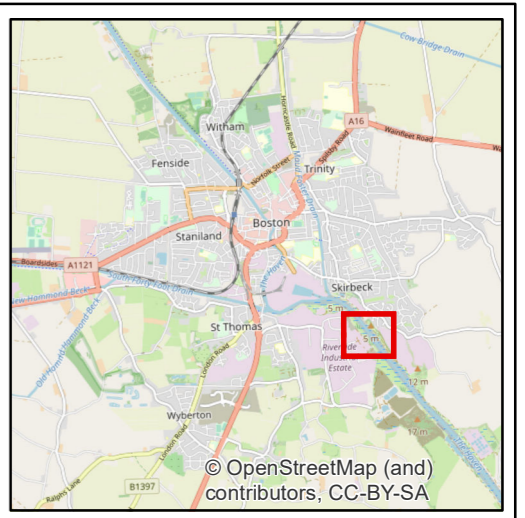
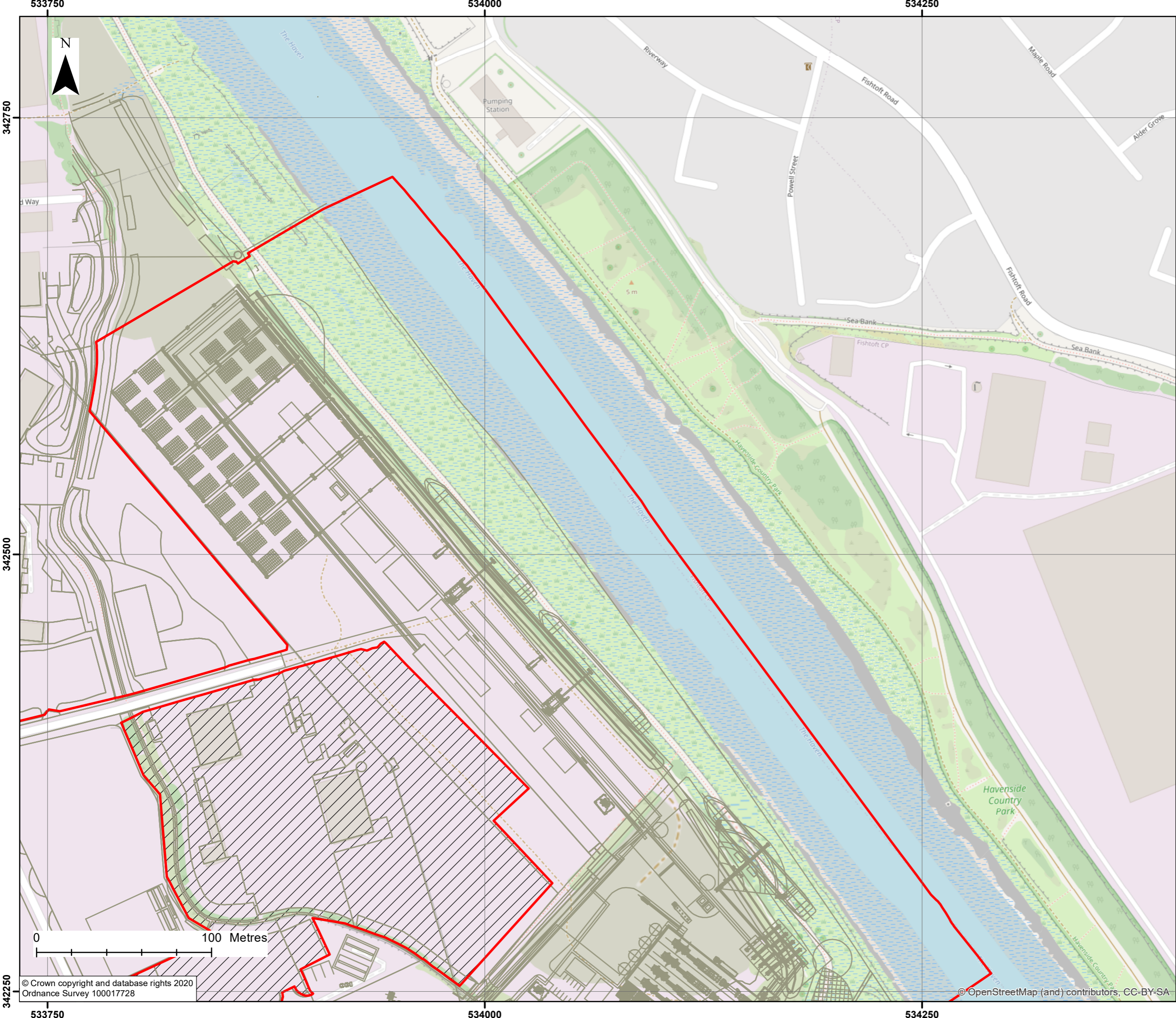
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**LOCATION OF ESTUARY BED
SEDIMENT SAMPLES COLLECTED IN 2017
FIGURE 16.7**

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Key
 Order limits
 Land outside Order limits

| | | | | | |
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TITLE
**POTENTIAL LAYOUT
 OF THE WHARF
 FIGURE 16.8**

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