

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE AND IS SUBJECT TO AMENDMENT

LEGEND

- ▬ Borough Boundary
- Surrounding Districts
- ▬ Main Rivers
- ▬ Ordinary Watercourses

Climate Change

- Gipping 100yr plus 20% climate change
- River Orwell 200 year plus sea level climate change
- River Orwell 200 year plus NPPF climate change

Notes

1. The modelling of the River Gipping defines the extent of flooding including allowances for climate change during the 1% plus climate change (presumed to be 20%). This extent takes into account the presence or functioning of defences.
2. The modelling of the River Orwell defines the extent of flooding including allowances for climate change during the 0.5 event (1 in 200 year) based on two scenarios:
 The medium emission 95th percentile UKCP09 scenario projected to the year 2115.
 The NPPF sea-level rise values projected to the year 2115.

These extents takes into account the presence or functioning of defences.

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Purpose of Issue
FINAL

Client

IPSWICH BOROUGH COUNCIL

Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
MODELLED FLOOD OUTLINES- CLIMATE CHANGE

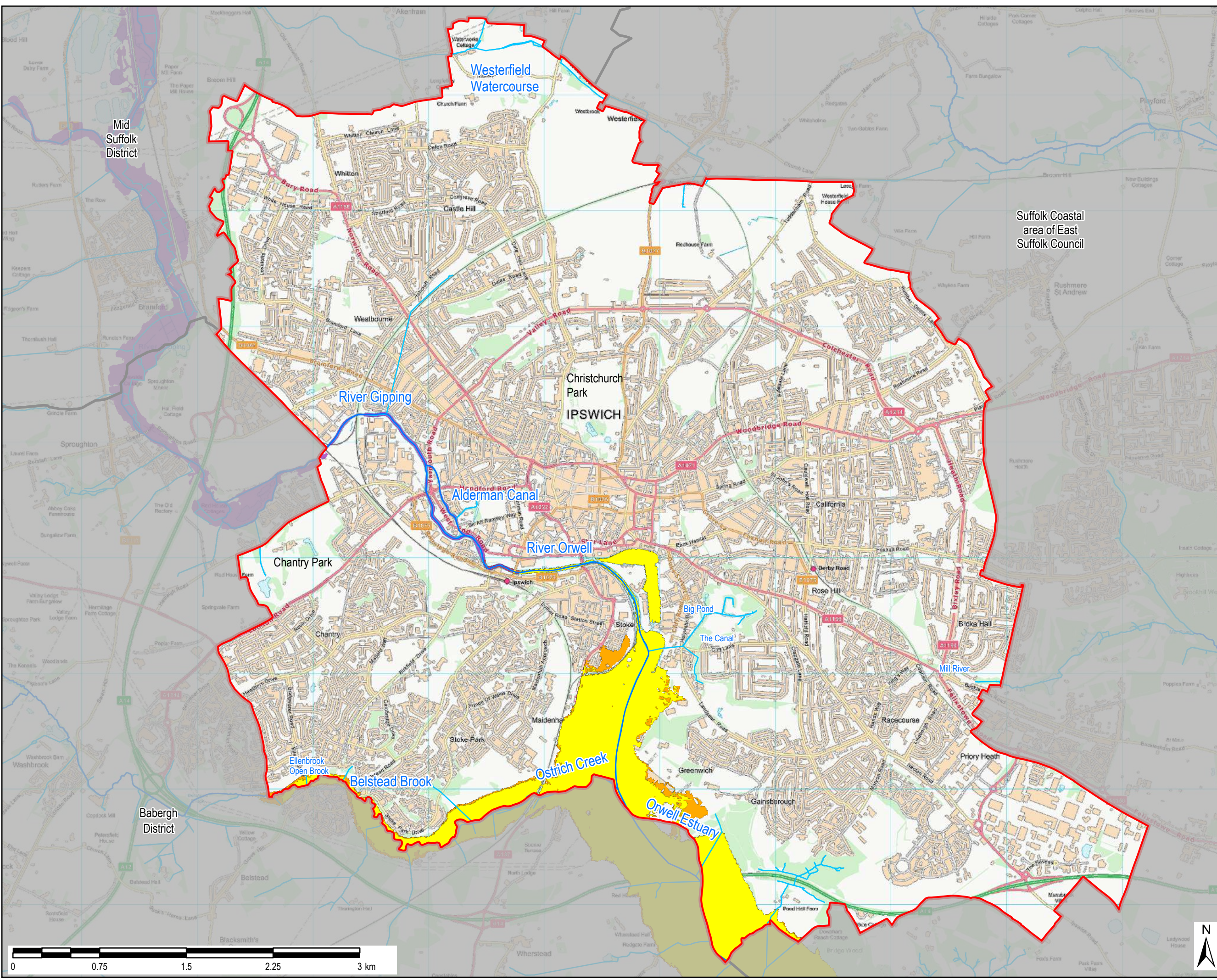
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AECOM Internal Project No. 60612179		Scale @ A3 1:30,000	

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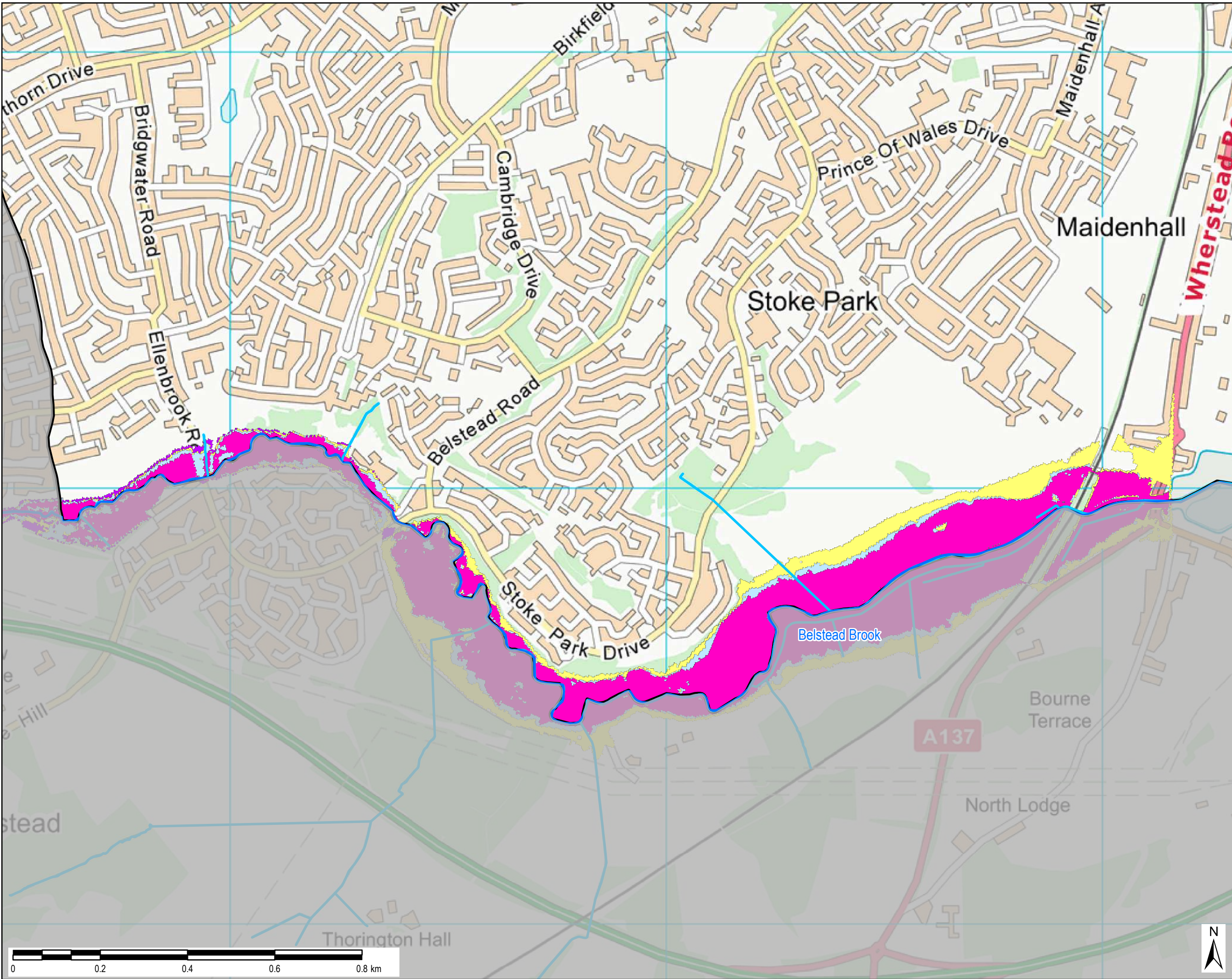
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Drawing Number
FIGURE 7

Rev
01



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LEGEND

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- 5% AEP (1 in 20 year)
- 1% AEP (1 in 100 year)
- 1% AEP plus 20% climate change (1 in 100 year plus CC)
- 0.1% AEP (1 in 1000 year)

Notes

1. This map shows the Modelled Flood Outlines for the Belstead Brook and its tributaries.
2. The modelling outlines included on this map include the 1 in 100 year event with the 20% AEP allowances for climate change.
3. Further information on Climate Change allowances is detailed within the SFRA report.

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Project Title
 IPSWICH LEVEL 1 SFRA 2019

Drawing Title
 FIGURE 8- BELSTEAD BROOK FLOOD EXTENTS

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AECOM Internal Project No. 60612179		Scale @ A3 1:8,000	

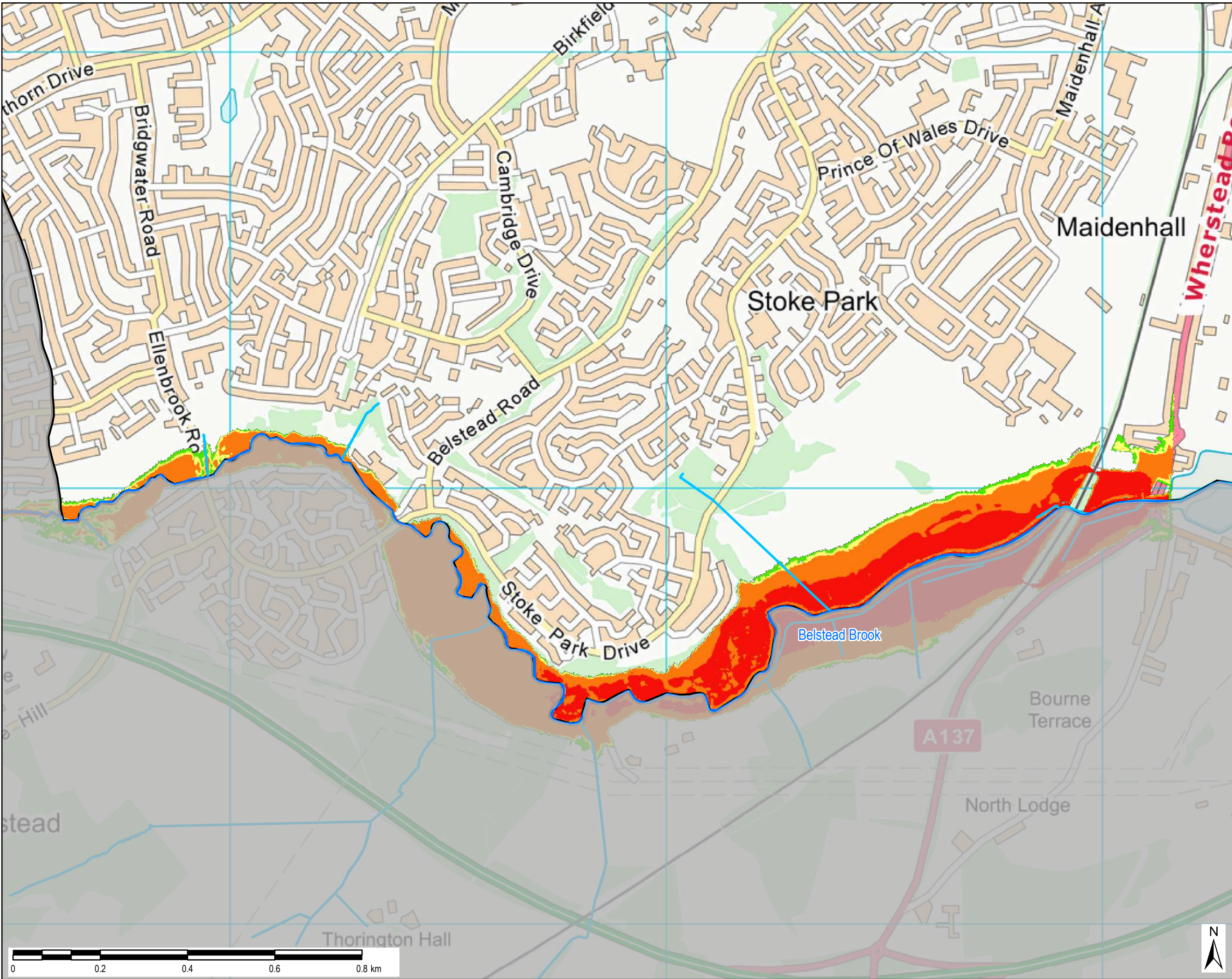
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LEGEND

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- 1% AEP plus climate change hazard rating
 - ≤ 0.75
 - 0.75 - 1.25
 - 1.25 - 2.5
 - > 2.5

Notes

1. This map shows the modelled flood hazard for the Belstead Brook and its tributaries.
2. The modelling outlines included on this map include the 1 in 100 year event with the 20% AEP allowances for climate change.
3. Further information on Climate Change allowances is detailed within the SFRA report.

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Project Title
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 FIGURE 9- BELSTEAD BROOK FLOOD HAZARD

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
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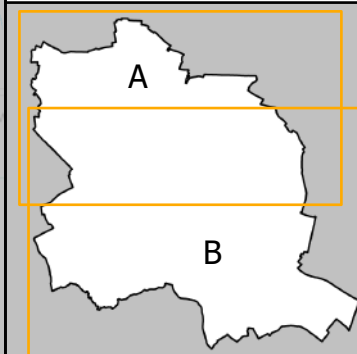
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LEGEND

-  Borough Boundary
-  High Risk of Flooding
-  Medium Risk of Flooding
-  Low Risk of Flooding



Notes

- This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The Risk from Surface Water Flooding is divided into categories:
 High: each year, the chance of flooding is greater than 1 in 30 (3.3%).
 Medium: each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%).
 Low: each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%).
 Very Low: each year, the chance of flooding is less than 1 in 1000 (0.1%).
- The potential impact of surface water flooding can vary according to the depth of the water, and its velocity (speed and direction that it is flowing in).
- Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.

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Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
RISK OF FLOODING FROM SURFACE WATER

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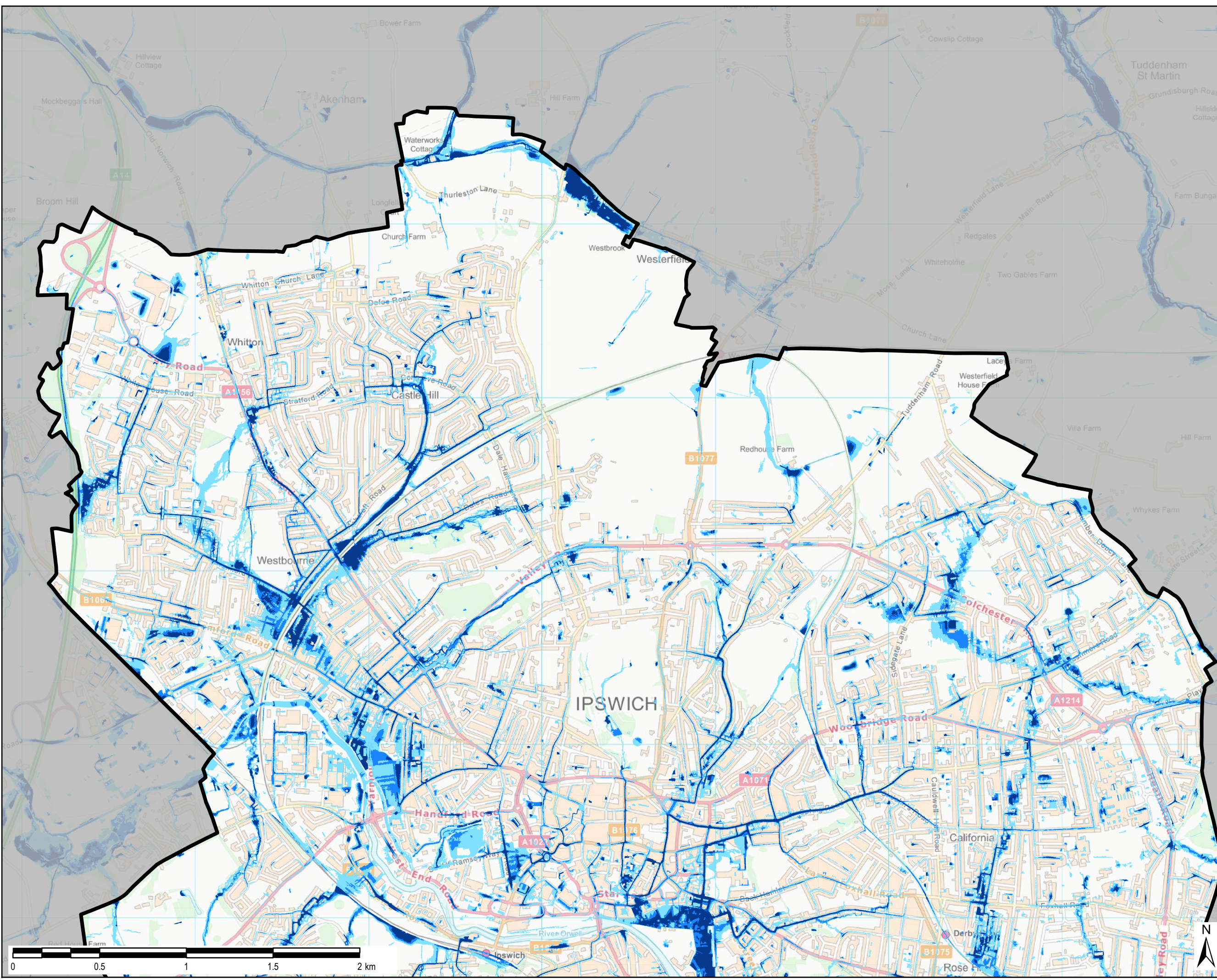
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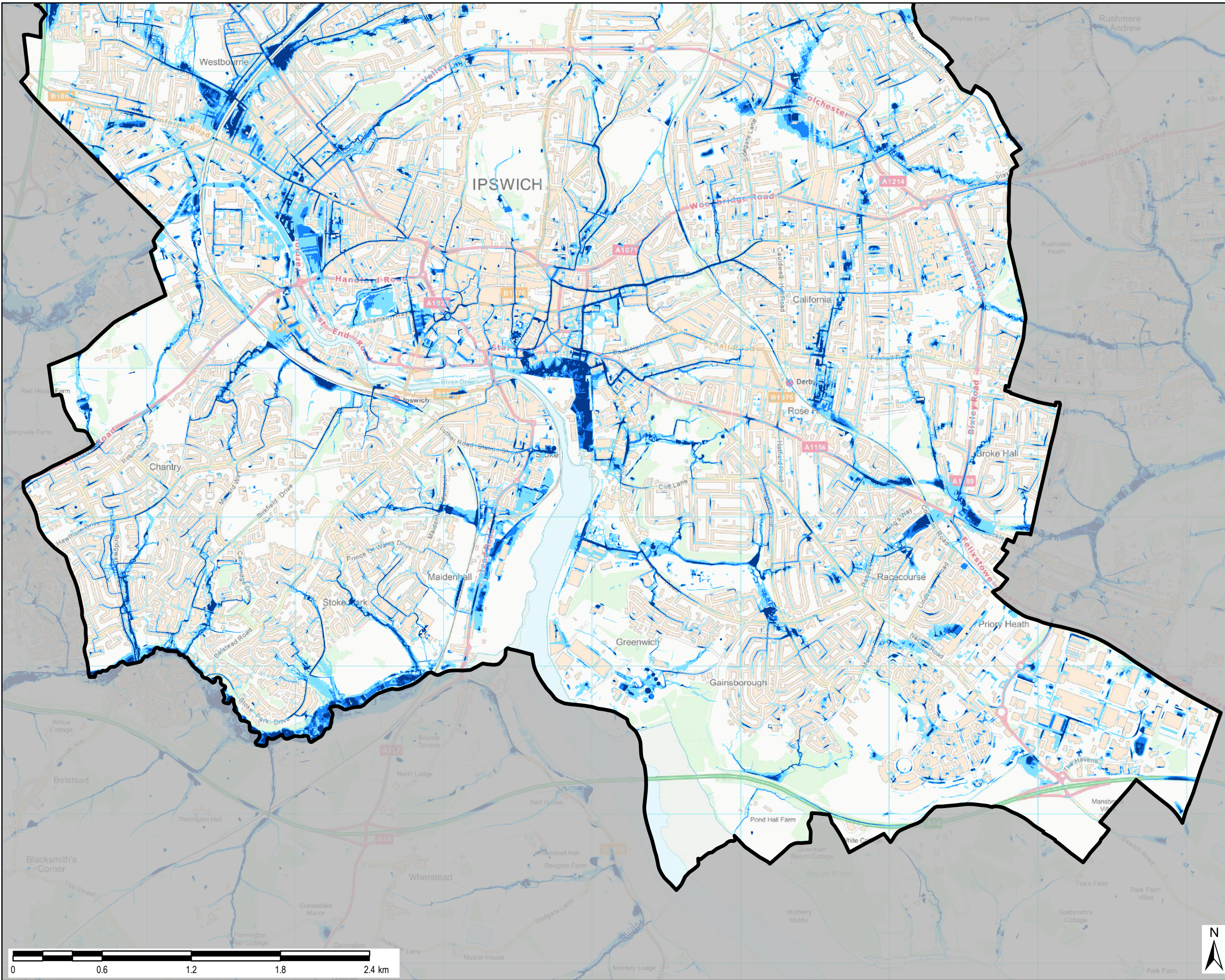


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FIGURE 10A

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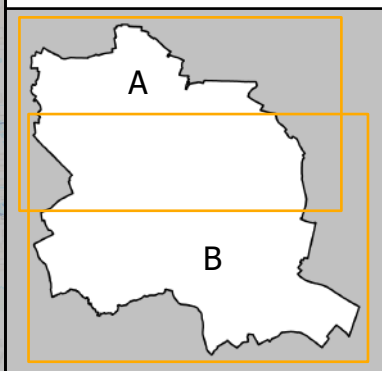
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LEGEND

- Borough Boundary
- High Risk of Flooding
- Medium Risk of Flooding
- Low Risk of Flooding



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Client
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Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
RISK OF FLOODING FROM SURFACE WATER

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