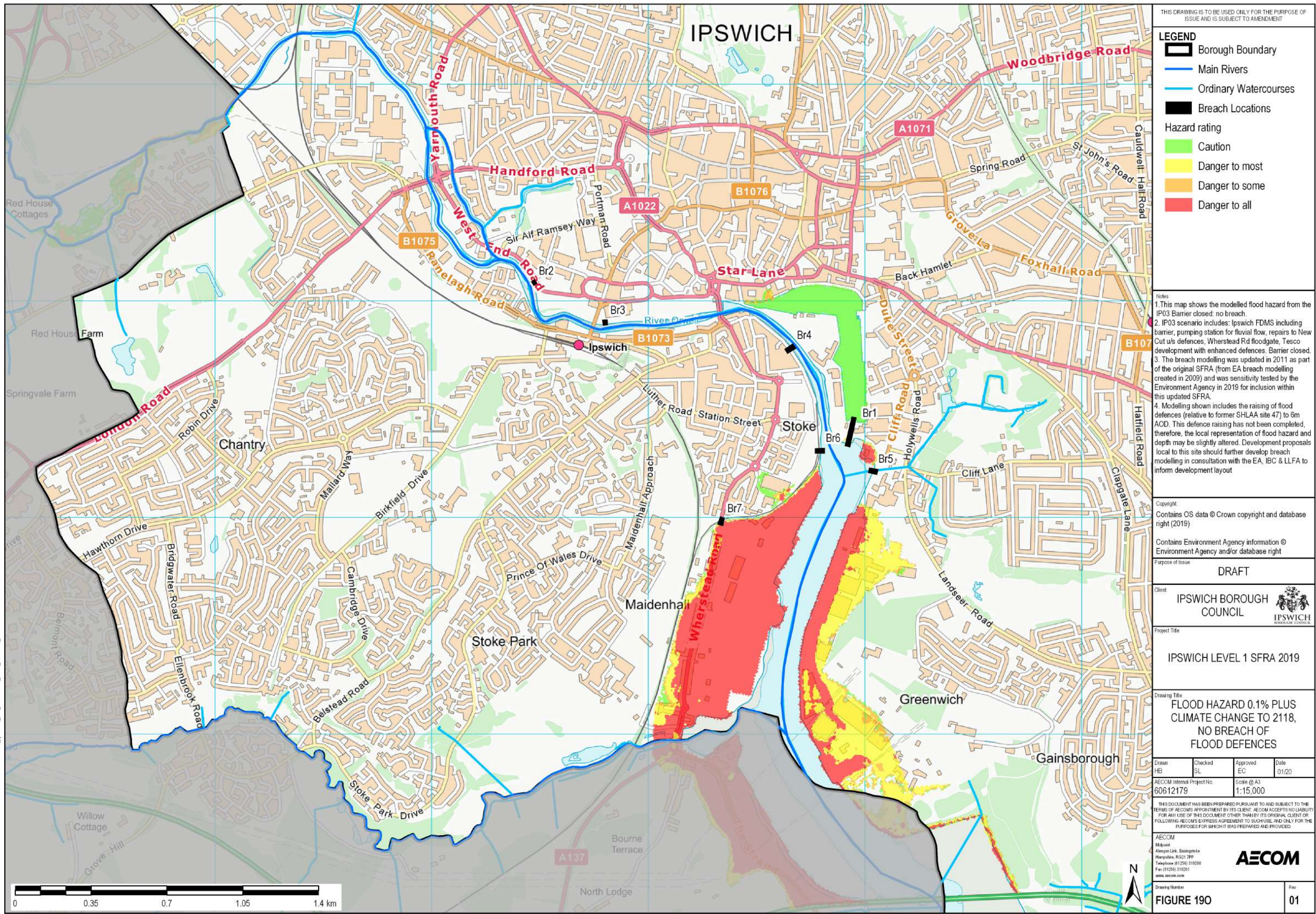
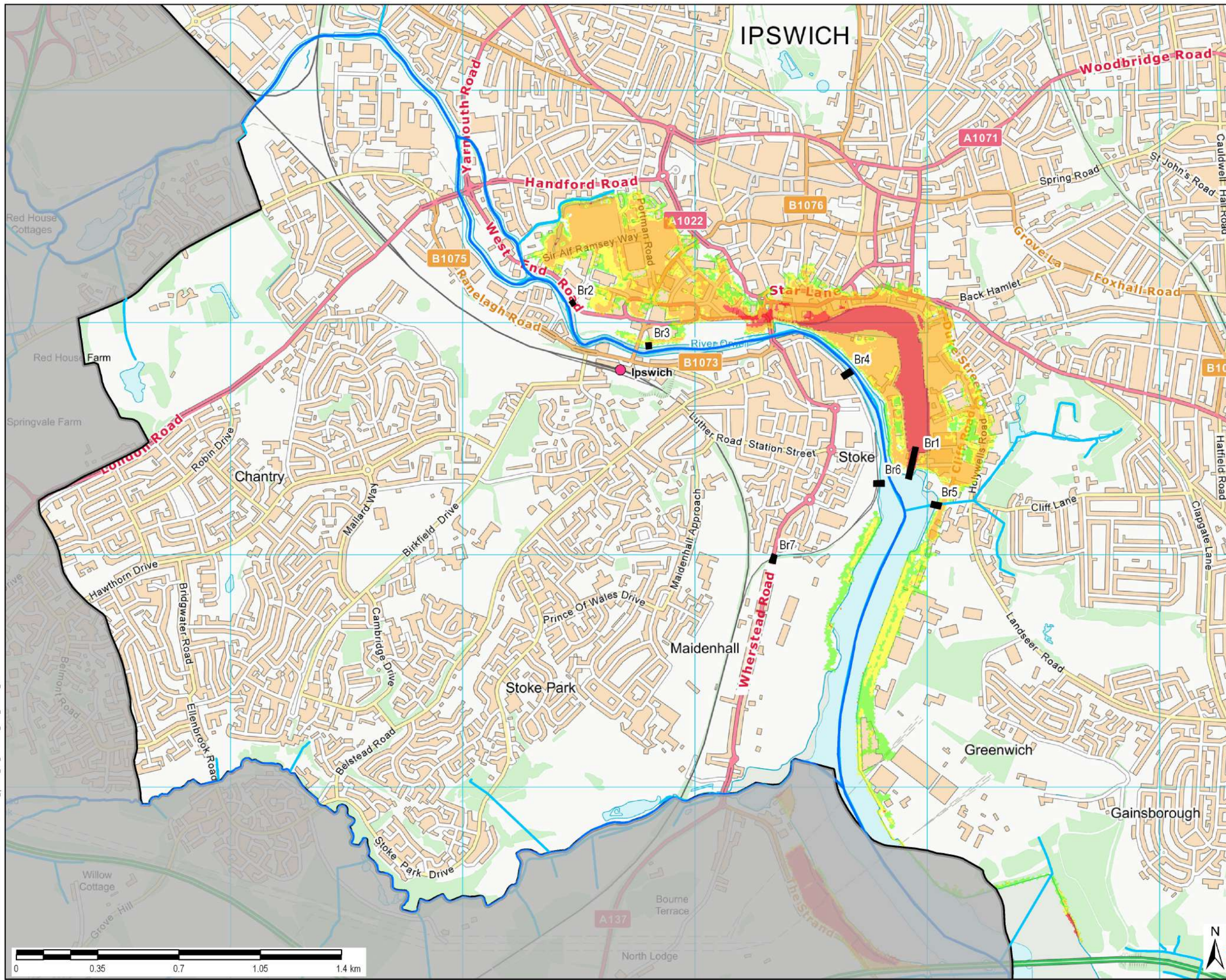


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**LEGEND**

- Borough Boundary
- Main Rivers
- Ordinary Watercourses

Hazard rating

- Caution
- Danger to some
- Danger to most
- Danger to all

Notes

- This map shows the modelled flood hazard from the IP03 Barrier Closed: BR01 Wet Dock Gate open.
- IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
- The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
- Modelling shown includes the raising of flood defences (relative to former SHLAA site 47) to 6m AOD. This defence raising has not been completed, therefore, the local representation of flood hazard and depth may be slightly altered. Development proposals local to this site should further develop breach modelling in consultation with the EA, IBC & LLFA to inform development layout

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Purpose of Issue

DRAFT

Client

IPSWICH BOROUGH COUNCIL

Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.5% FROM BREACH BR01 AT 2015 (PRESENT DAY)

Drawn	Checked	Approved	Date
HB	SL	EC	01/20

AECOM Internal Project No. 60612179

Scale @ A3 1:15,000

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Drawing Number

FIGURE 19P

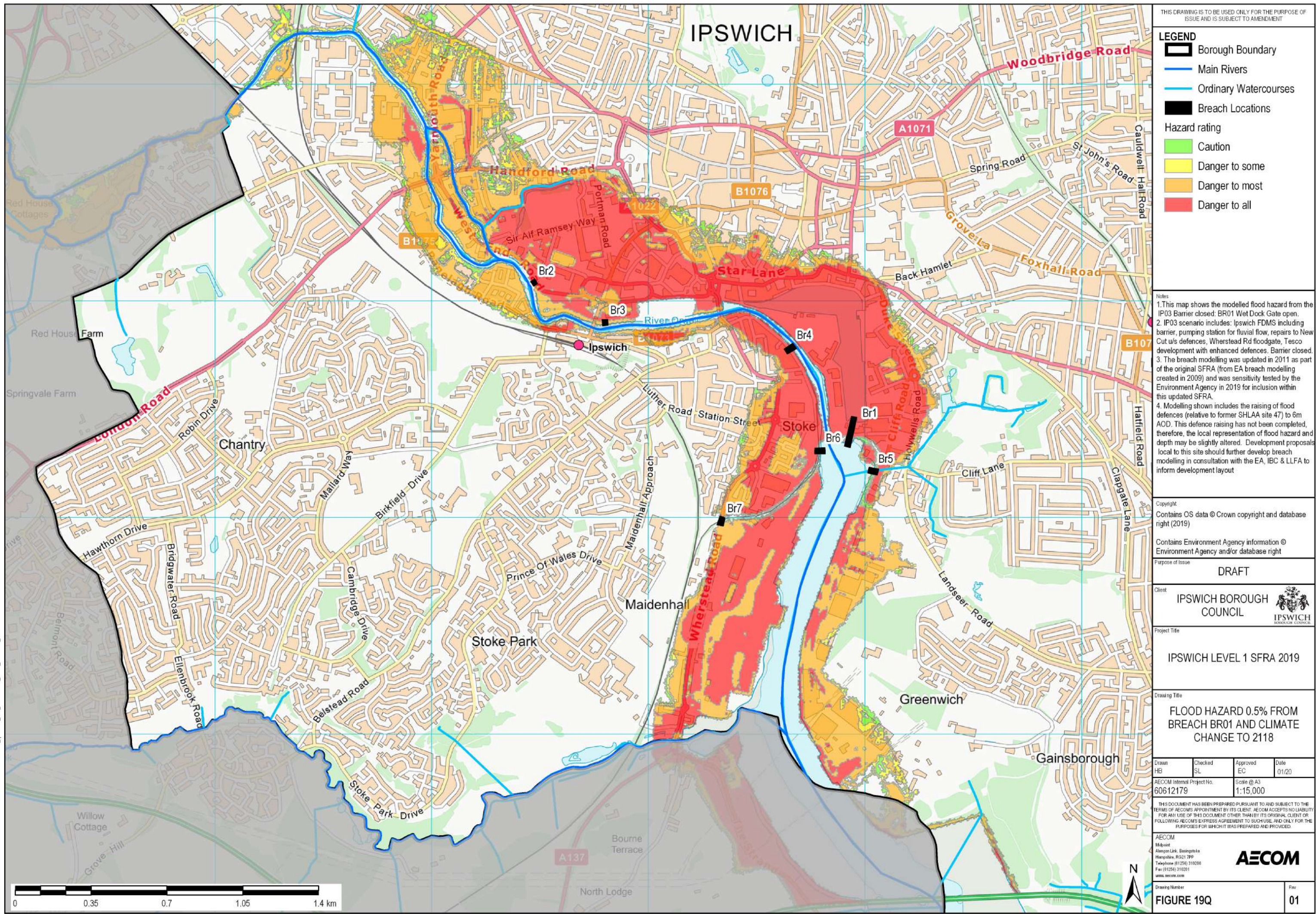
Rev

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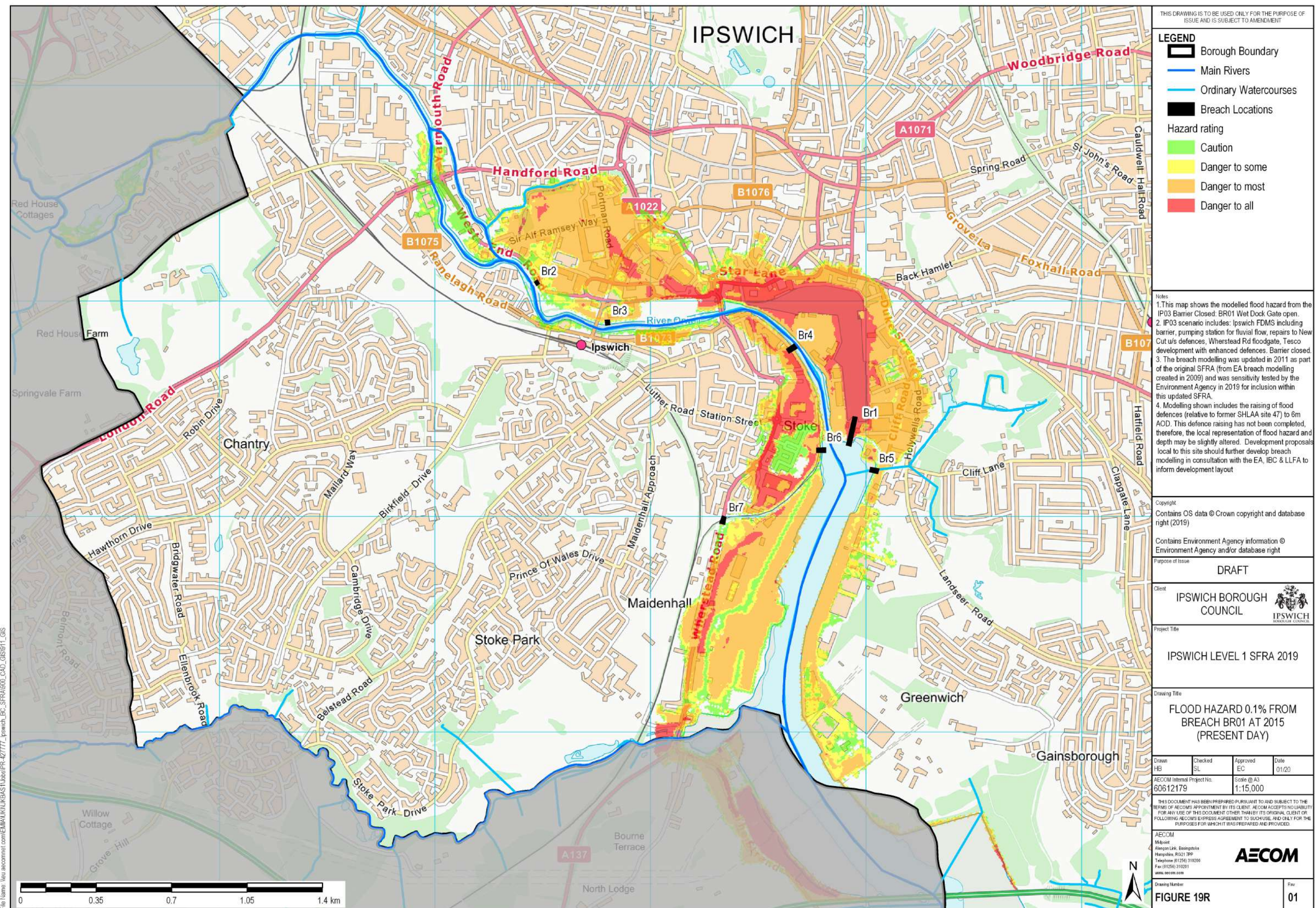
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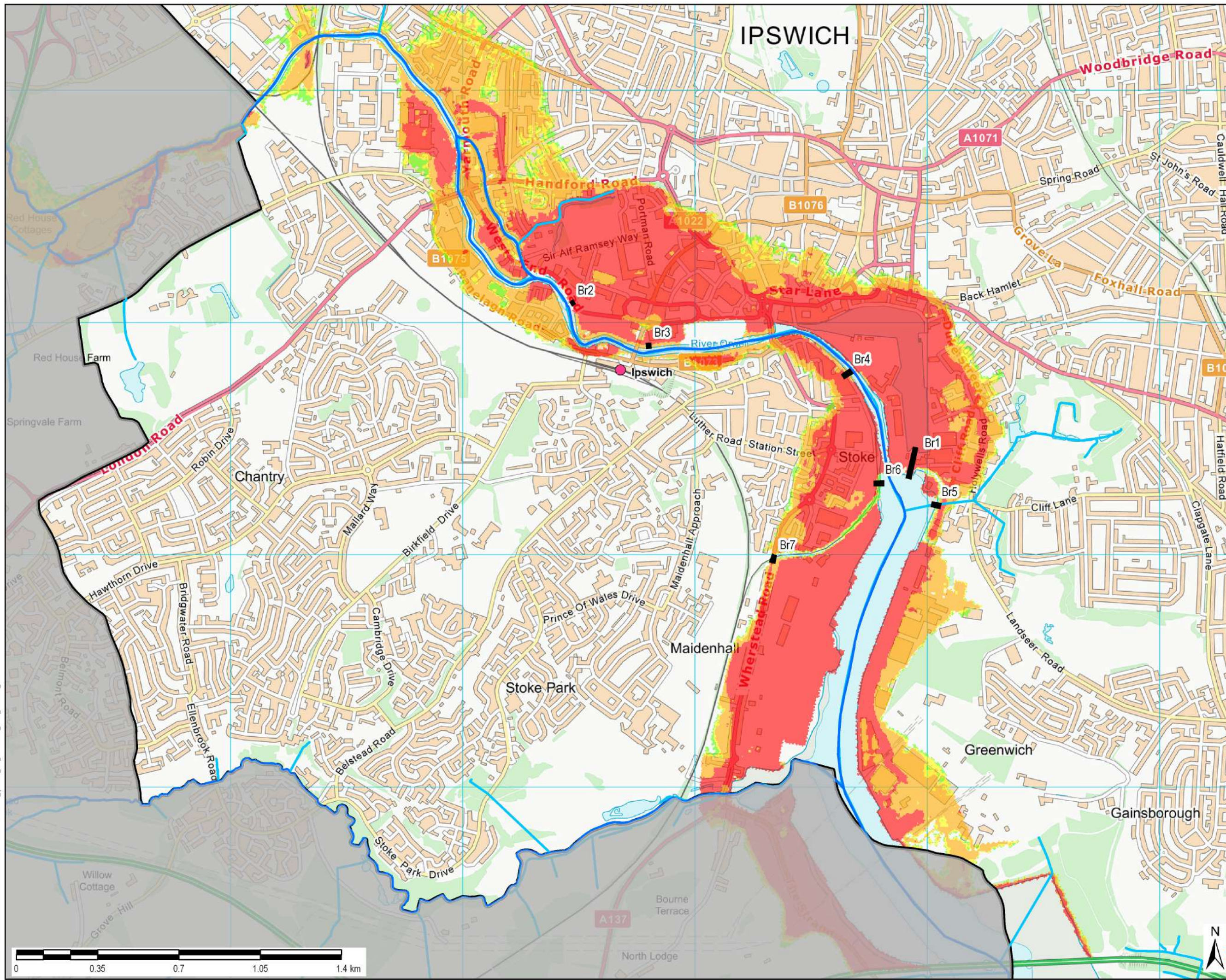








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**LEGEND**

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- Breach Locations

Hazard rating

- Caution
- Danger to some
- Danger to most
- Danger to all

Notes

- This map shows the modelled flood hazard from the IP03 Barrier closed: BR01 Wet Dock Gate open.
- IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
- The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
- Modelling shown includes the raising of flood defences (relative to former SHLAA site 47) to 6m AOD. This defence raising has not been completed, therefore, the local representation of flood hazard and depth may be slightly altered. Development proposals local to this site should further develop breach modelling in consultation with the EA, IBC & LLFA to inform development layout

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Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.1% FROM BREACH BR01 AND CLIMATE CHANGE TO 2118

Drawn	Checked	Approved	Date
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FIGURE 19S

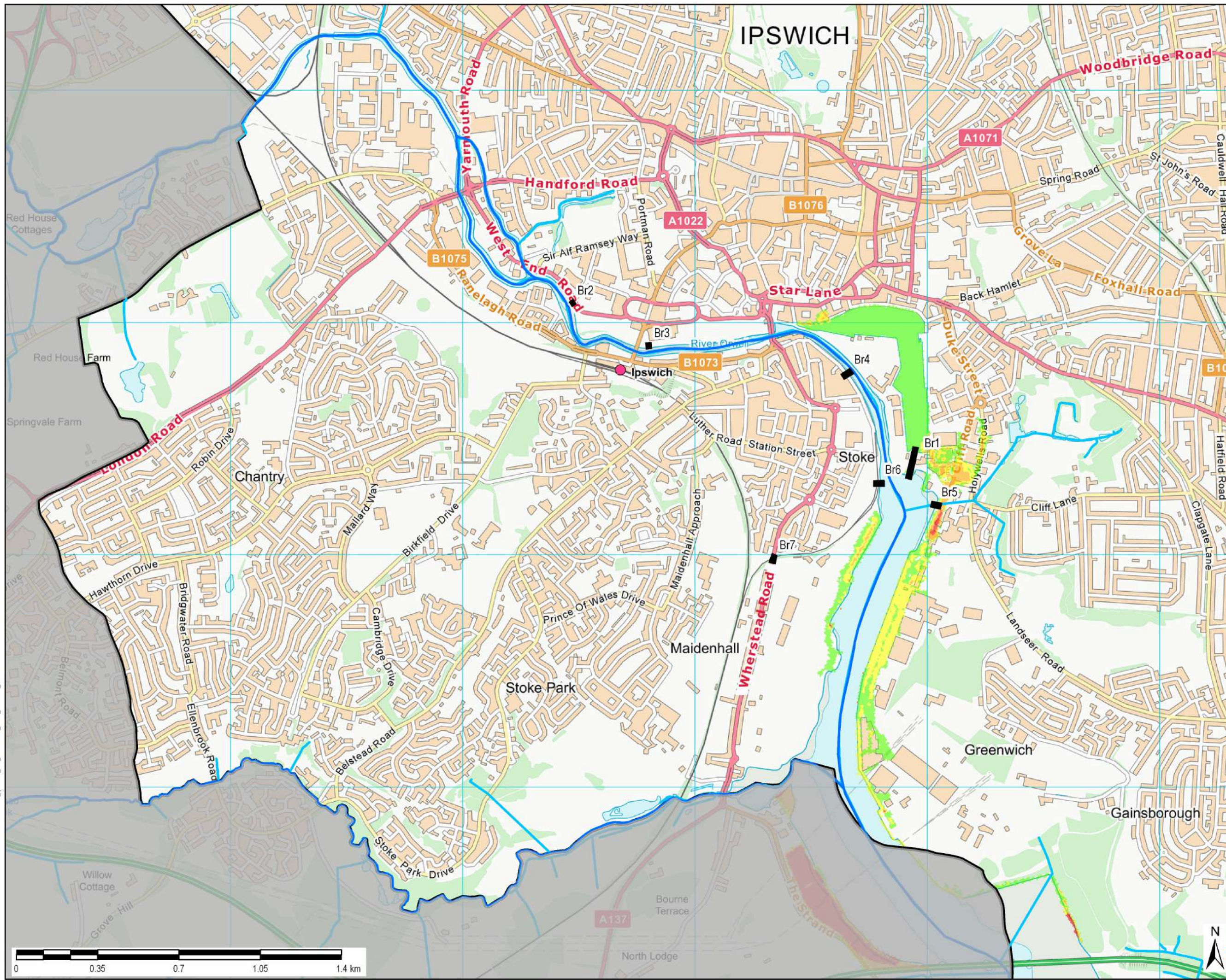
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**LEGEND**

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- Breach Locations

Hazard rating

- Caution
- Danger to some
- Danger to most
- Danger to all

Notes

- This map shows the modelled flood hazard from the IP03 Barrier Closed: BR05 Breach at East bank defence.
- IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
- The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
- Modelling shown includes the raising of flood defences (relative to former SHLAA site 47) to 6m AOD. This defence raising has not been completed, therefore, the local representation of flood hazard and depth may be slightly altered. Development proposals local to this site should further develop breach modelling in consultation with the EA, IBC & LLFA to inform development layout

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Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.5% FROM BREACH BR05 AT 2015 (PRESENT DAY)

Drawn	Checked	Approved	Date
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FIGURE 19T

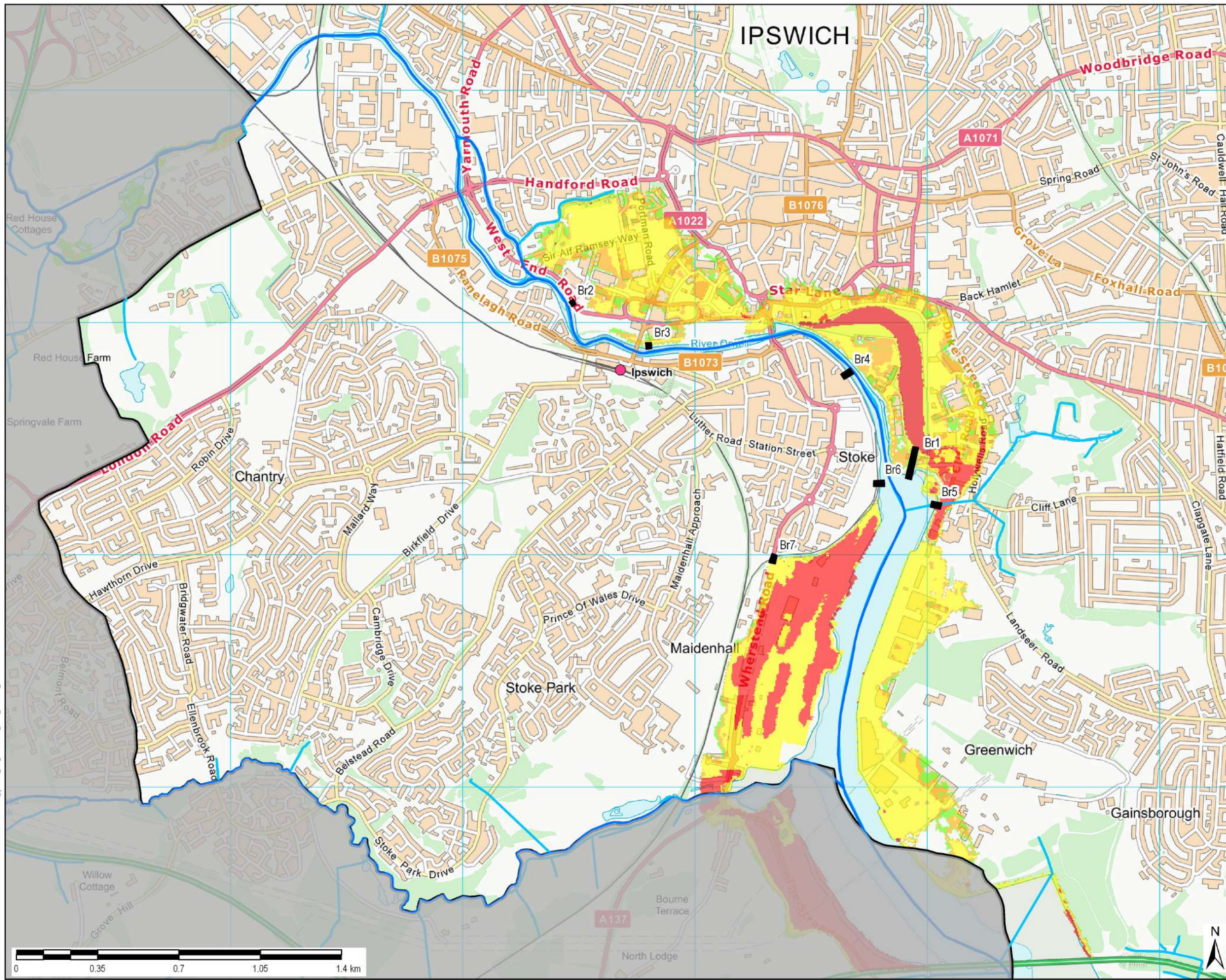
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**LEGEND**

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- Breach Locations
- Hazard rating
  - Caution
  - Danger to most
  - Danger to some
  - Danger to all

Notes

- This map shows the modelled flood hazard from the IP03 Barrier Open: BR05 Breach at East bank defence
- IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
- The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
- Modelling shown includes the raising of flood defences (relative to former SHLAA site 47) to 6m AOD. This defence raising has not been completed, therefore, the local representation of flood hazard and depth may be slightly altered. Development proposals local to this site should further develop breach modelling in consultation with the EA, IBC & LLFA to inform development layout

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Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.5% FROM BREACH BR05 AND CLIMATE CHANGE TO 2118

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FIGURE 19U

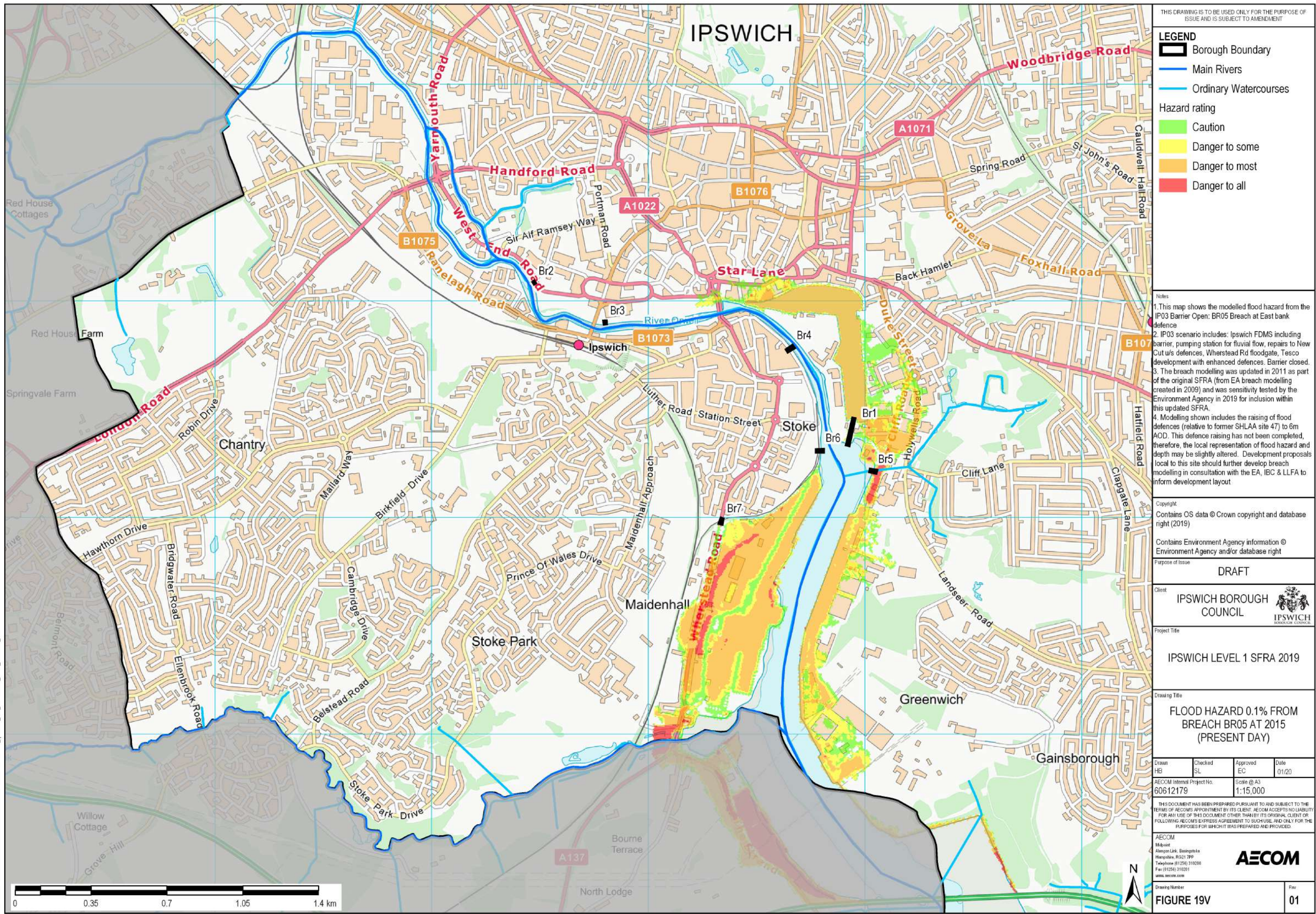
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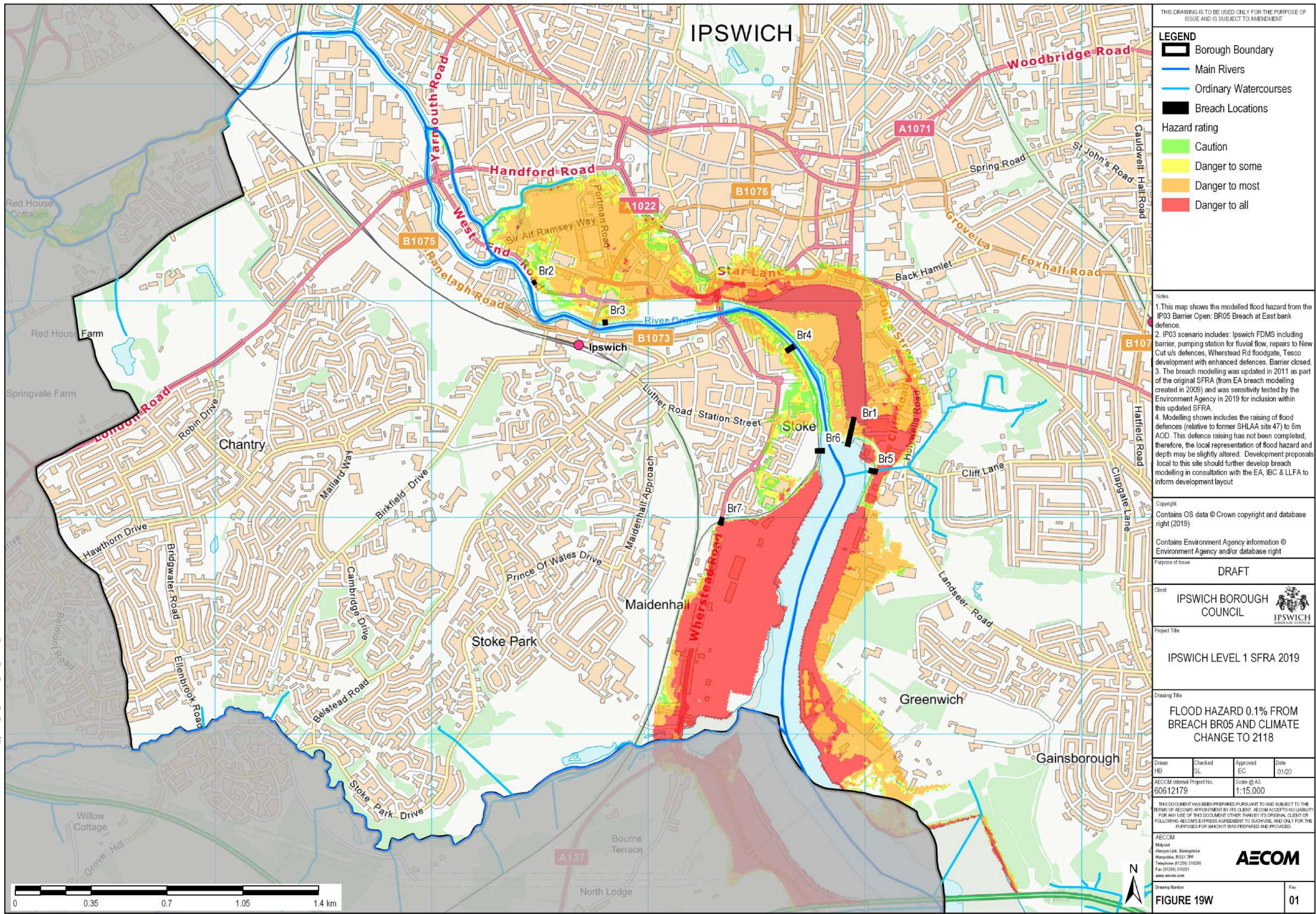


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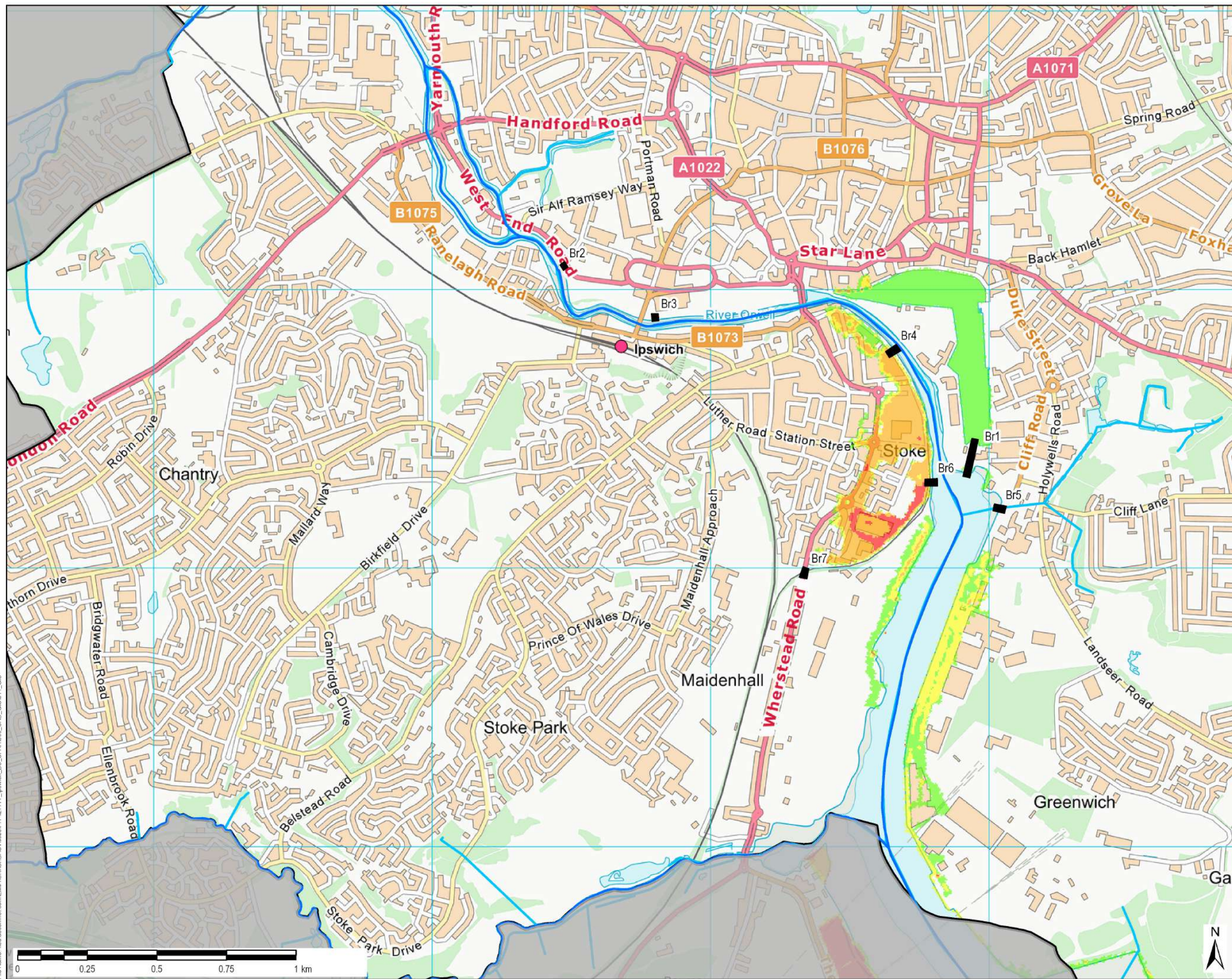


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**LEGEND**

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- Breach Locations

Hazard rating

- Caution
- Danger to some
- Danger to most
- Danger to all

**Notes**

1. This map shows the modelled flood hazard from the IP03 Barrier Open: BR06 Railway gate in West bank open.
2. IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
3. The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
4. Modelling shown includes the raising of flood defences (relative to former SHLAA site 47) to 6m AOD. This defence raising has not been completed, therefore, the local representation of flood hazard and depth may be slightly altered. Development proposals local to this site should further develop breach modelling in consultation with the EA, IBC & LLFA to inform development layout

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**Project Title**

IPSWICH LEVEL 1 SFRA 2019

**Drawing Title**

FLOOD HAZARD 0.5% FROM BREACH BR06 AT 2015 (PRESENT DAY)

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FIGURE 19X

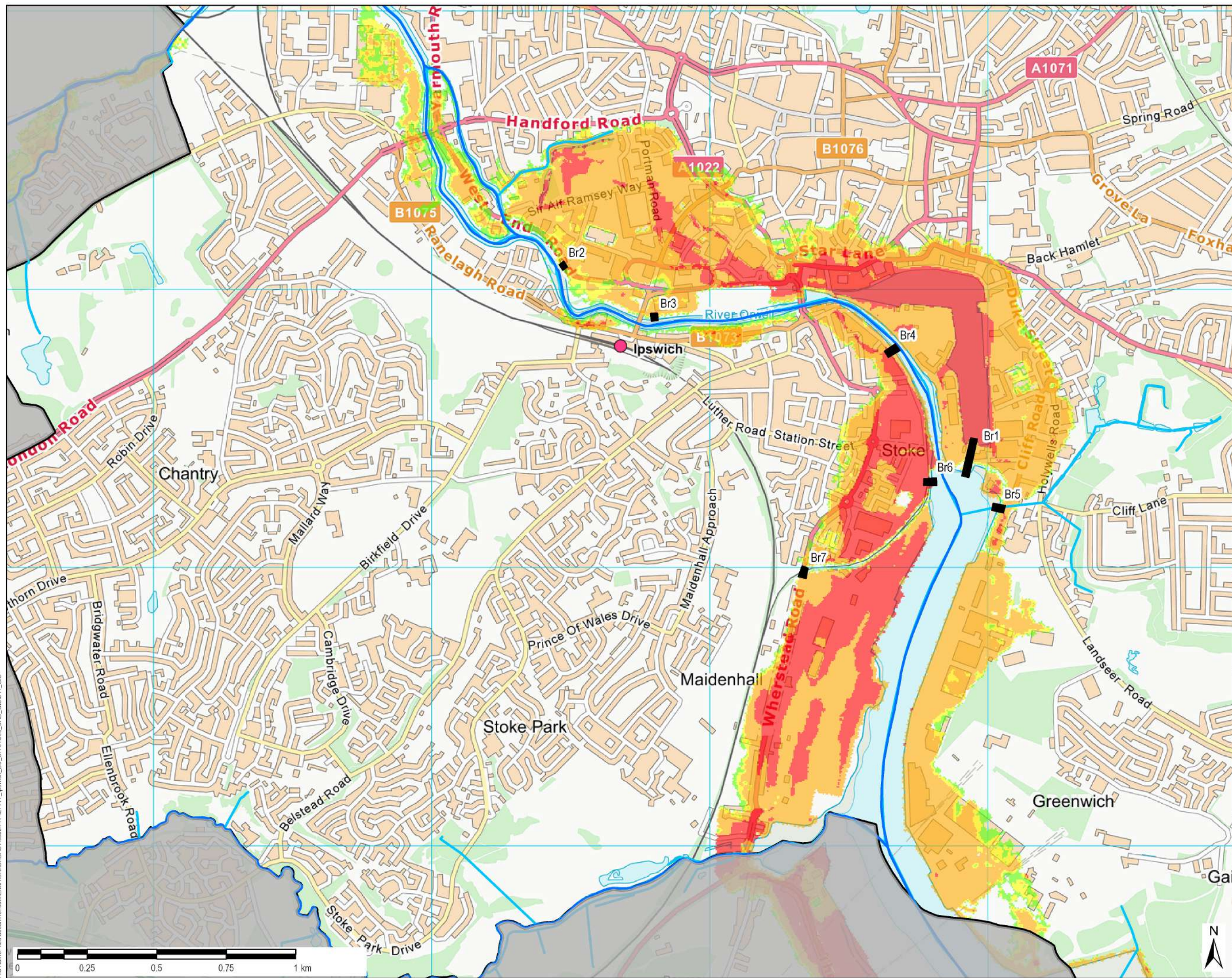
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#### LEGEND

- Borough Boundary
- Main Rivers
- Ordinary Watercourses
- Breach Locations
- Hazard rating
  - Caution
  - Danger to some
  - Danger to most
  - Danger to all

#### Notes

1. This map shows the modelled flood hazard from the IP03 Barrier Open: BR06 Railway gate in West bank open.
2. IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate, Tesco development with enhanced defences. Barrier closed.
3. The breach modelling was updated in 2011 as part of the original SFRA (from EA breach modelling created in 2009) and was sensitivity tested by the Environment Agency in 2019 for inclusion within this updated SFRA.
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#### Drawing Title

FLOOD HAZARD 0.5% FROM BREACH BR06 AND CLIMATE CHANGE TO 2118

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#### Date

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