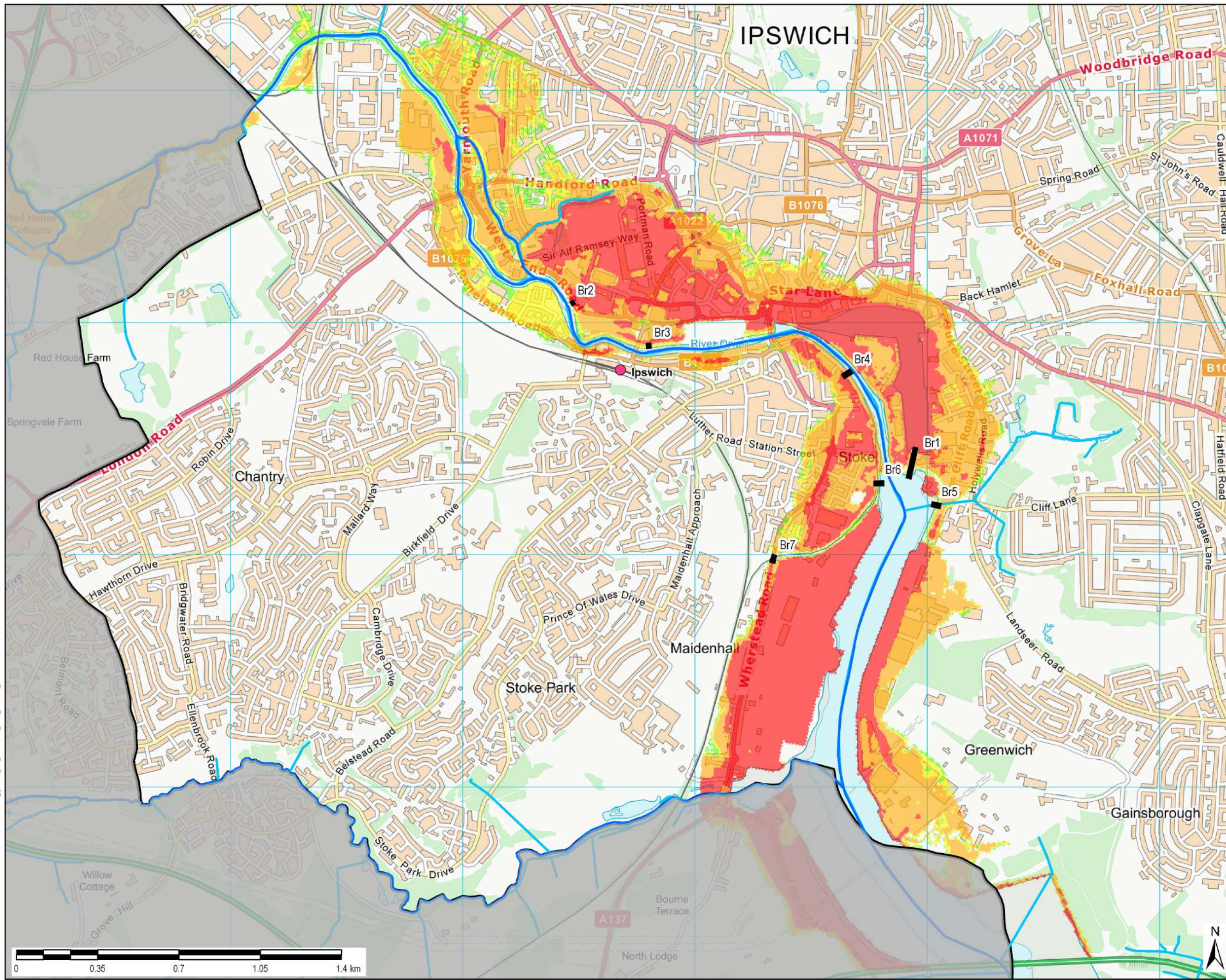


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LEGEND

- 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 IP02 Barrier Open: BR02 Breach at West End Road scenario.
- BR02 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate and Tesco development with enhanced defences (see note 4 below). Barrier open.
- 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 0.1% FROM BREACH BR02 AND CLIMATE CHANGE TO 2118

Drawn	Checked	Approved	Date
HB	SL	EC	01/20

AECOM Internal Project No.

60612179

Scale @ A3

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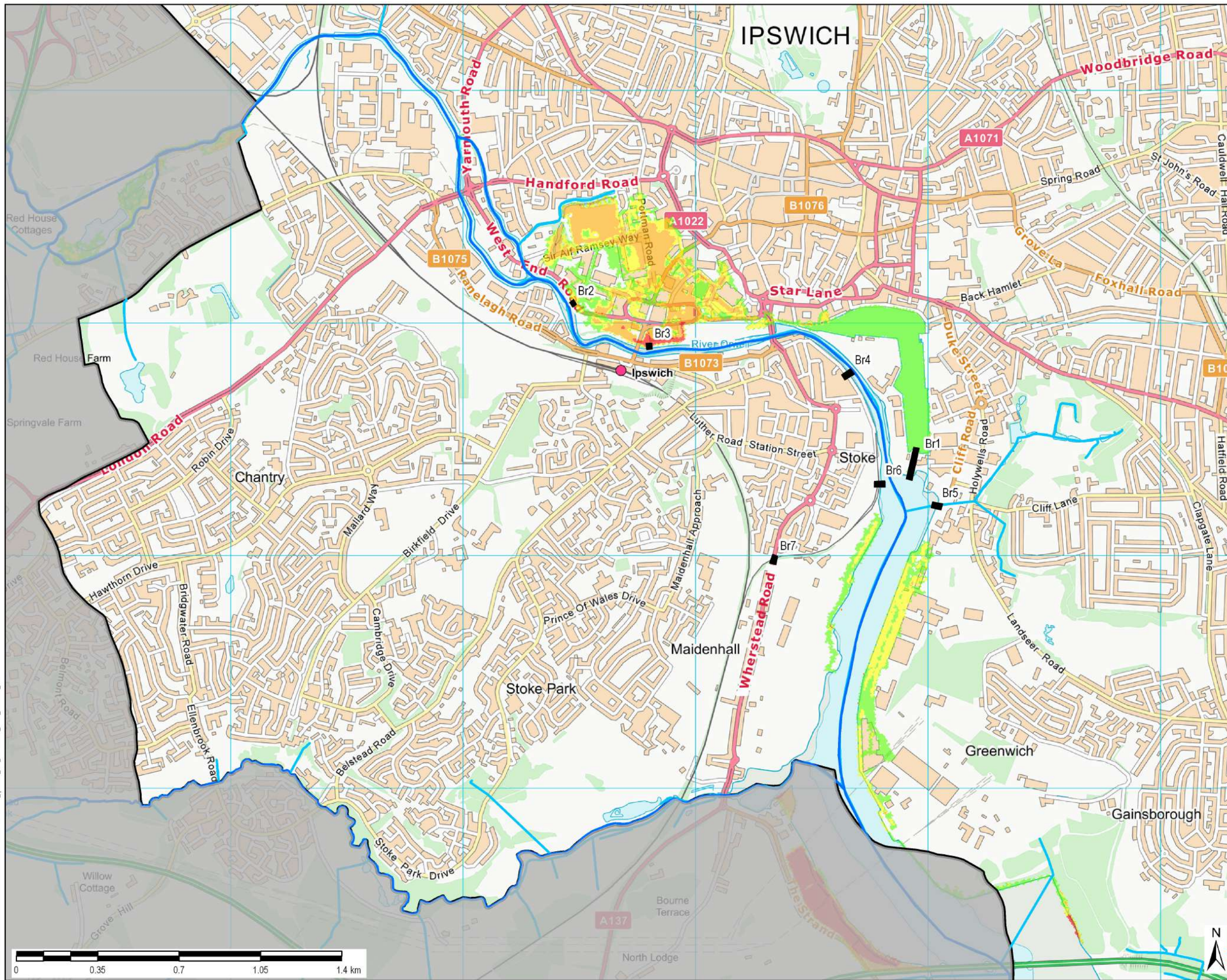
FIGURE 19D

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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 IP02 Barrier Open: BR03 Breach at Princes St bridge (left bank).
- IP02 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate and Tesco development with enhanced defences (see note 4 below). Barrier open.
- 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 BR03 AT 2015 (PRESENT DAY)

Drawn	Checked	Approved	Date
HB	SL	EC	01/20

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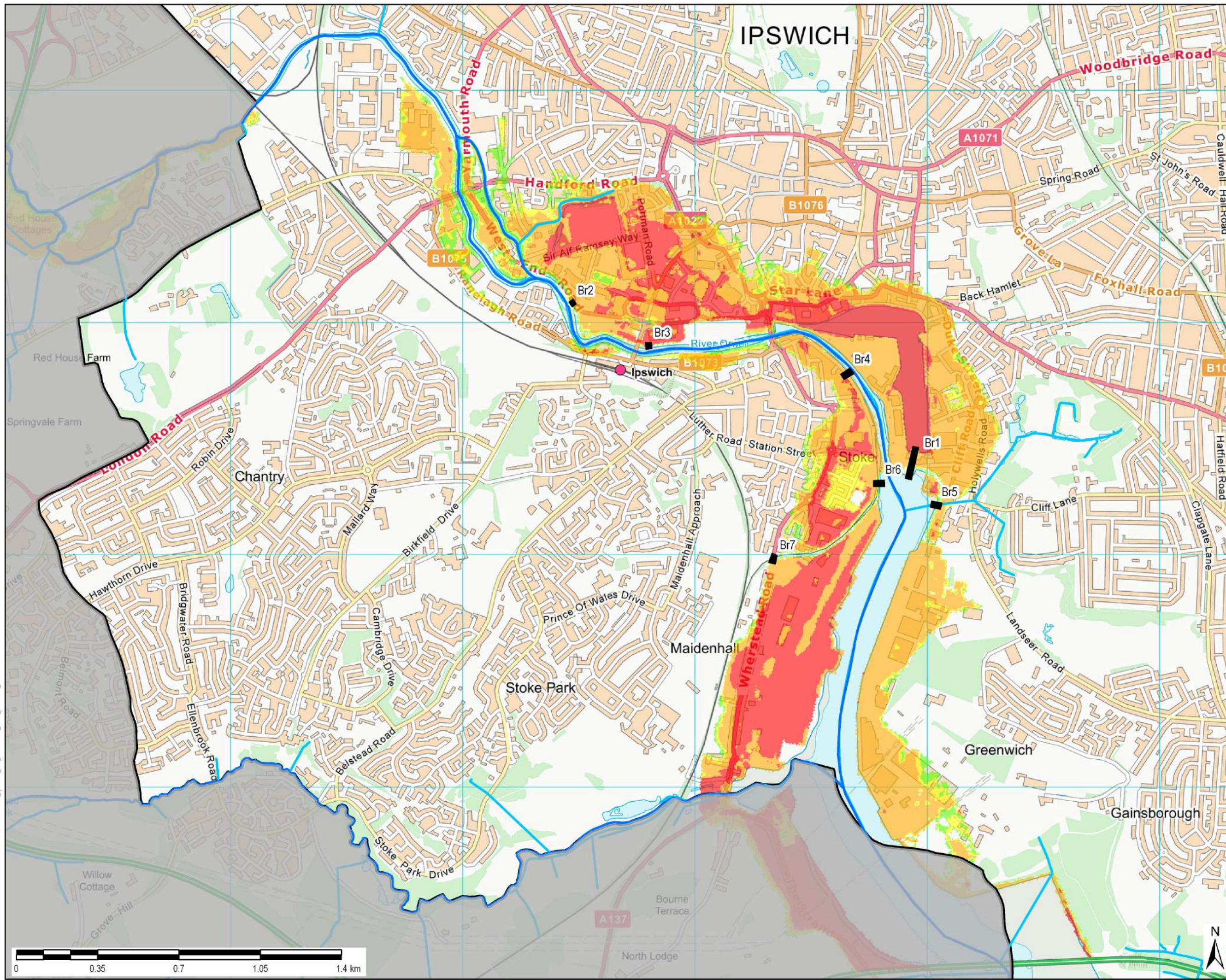
FIGURE 19E

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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 IP02 Barrier Open: BR03 Breach at Princes St bridge (left bank).
- IP02 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate and Tesco development with enhanced defences (see note 4 below). Barrier open.
- 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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IPSWICH BOROUGH COUNCIL

Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.5% FROM BREACH BR03 AND CLIMATE CHANGE TO 2118

Drawn	Checked	Approved	Date
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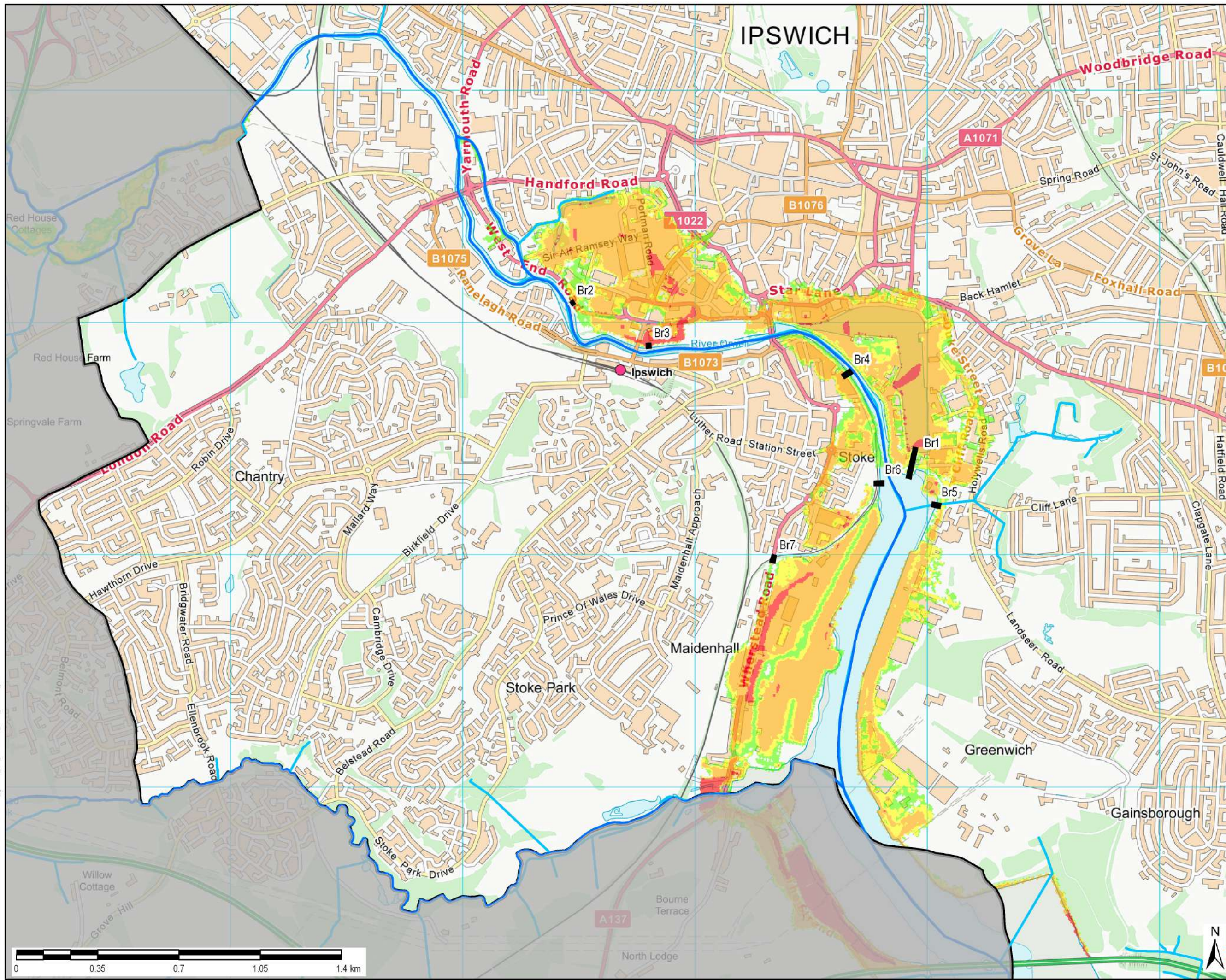
FIGURE 19F

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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 IP02 Barrier Open: BR03 Breach at Princes St bridge (left bank).
- IP02 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate and Tesco development with enhanced defences (see note 4 below). Barrier open.
- 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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IPSWICH BOROUGH COUNCIL

Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.1% FROM BREACH BR03 AT 2015 (PRESENT DAY)

Drawn	Checked	Approved	Date
HB	SL	EC	01/20

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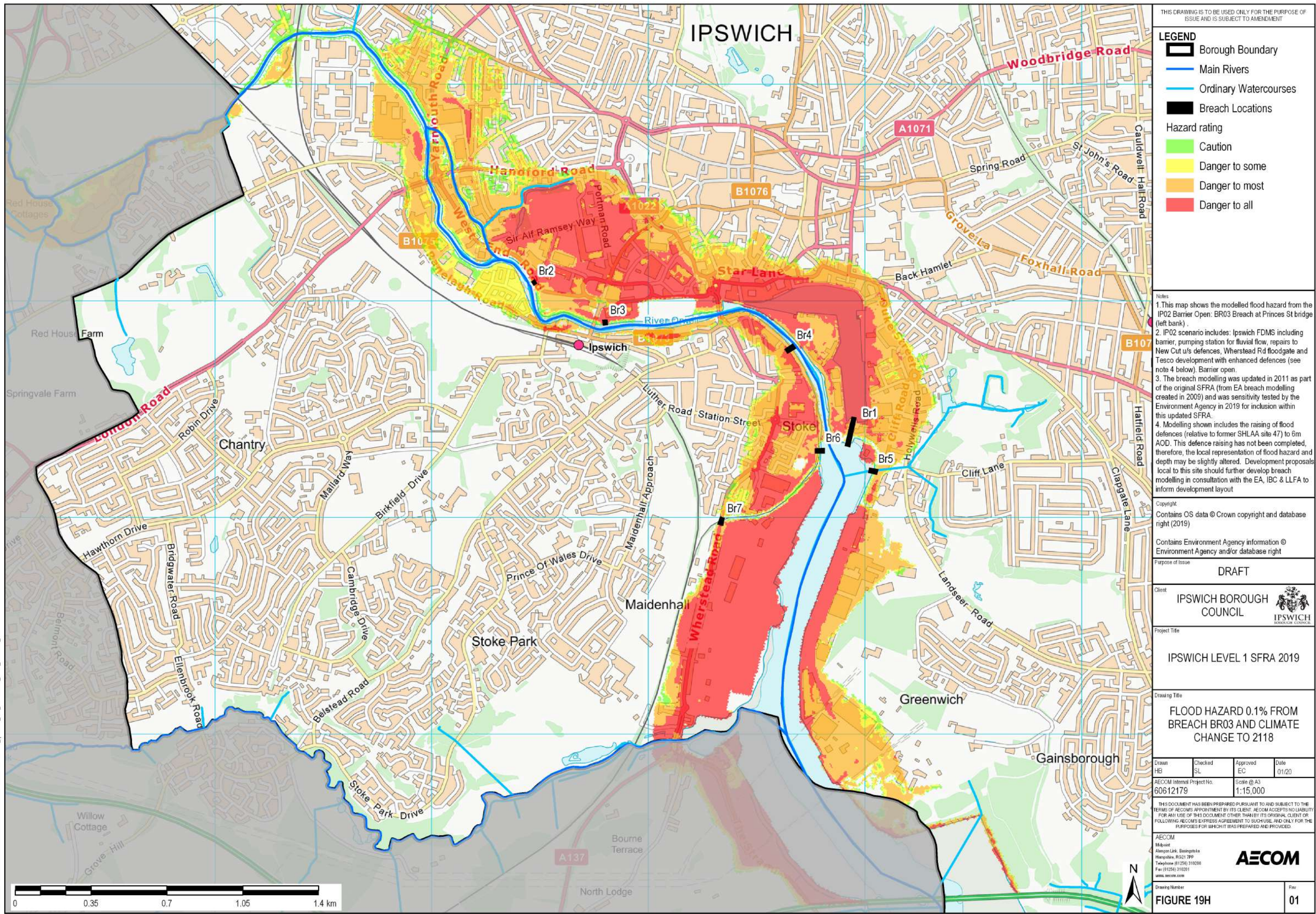
FIGURE 19G

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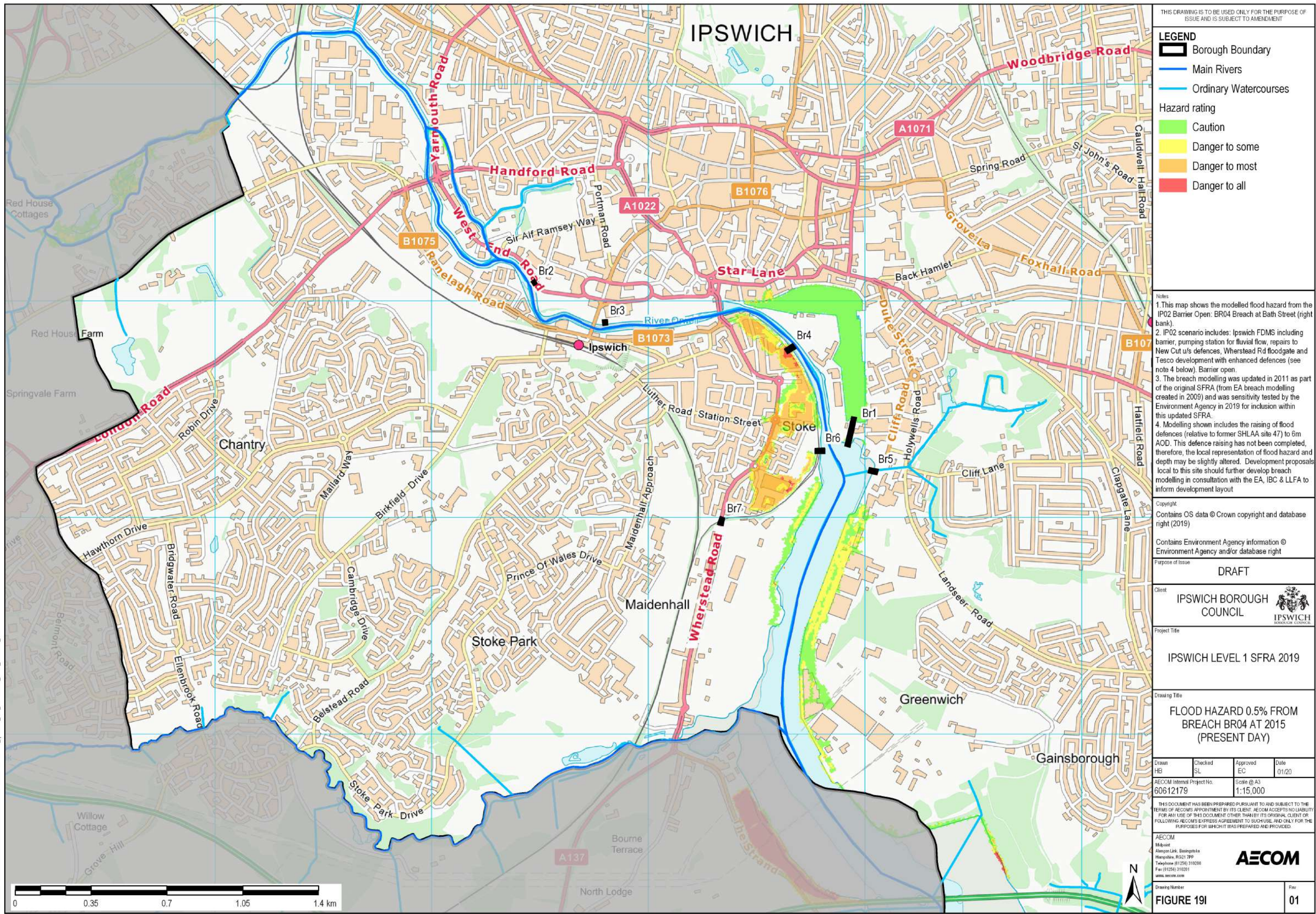
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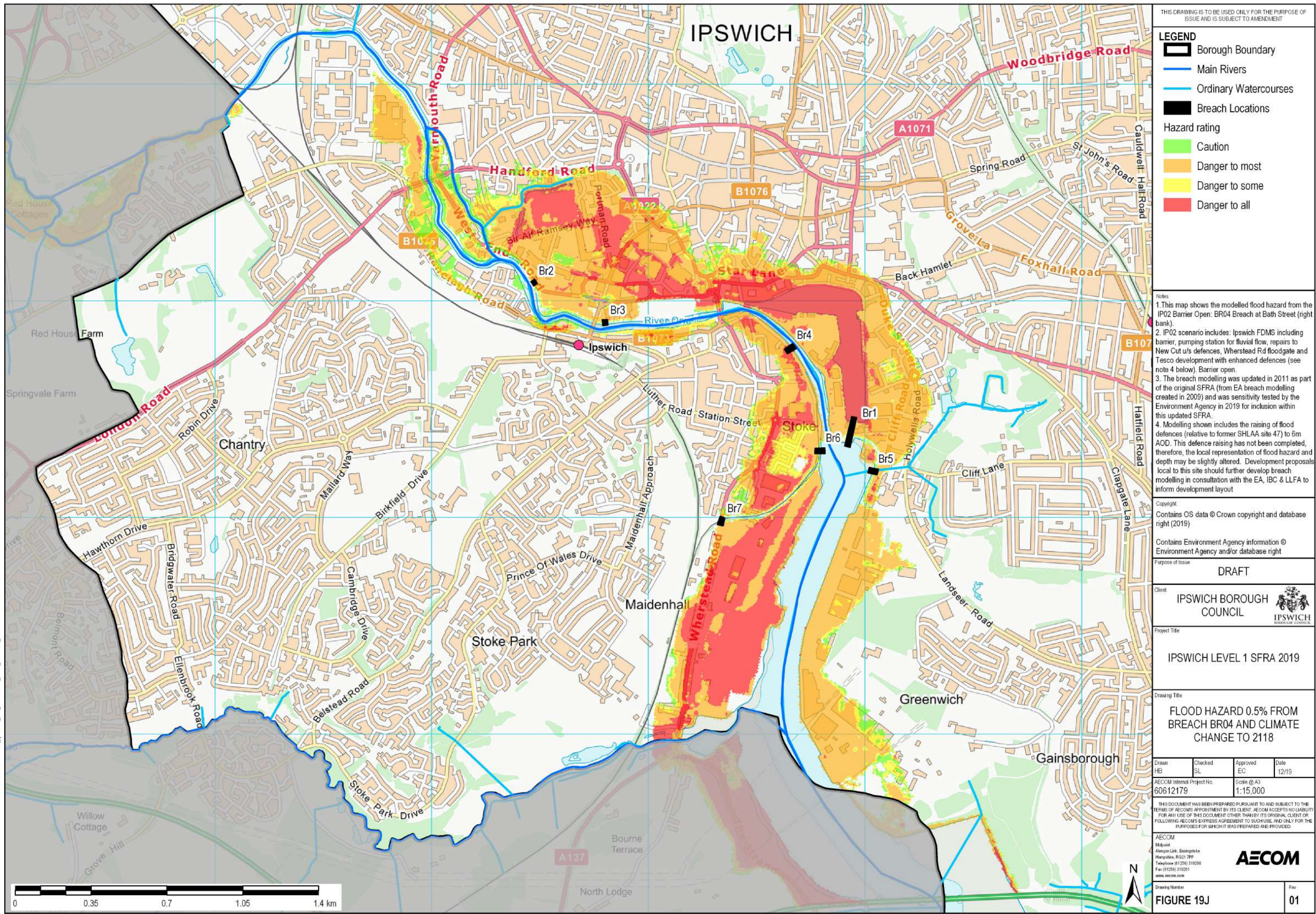
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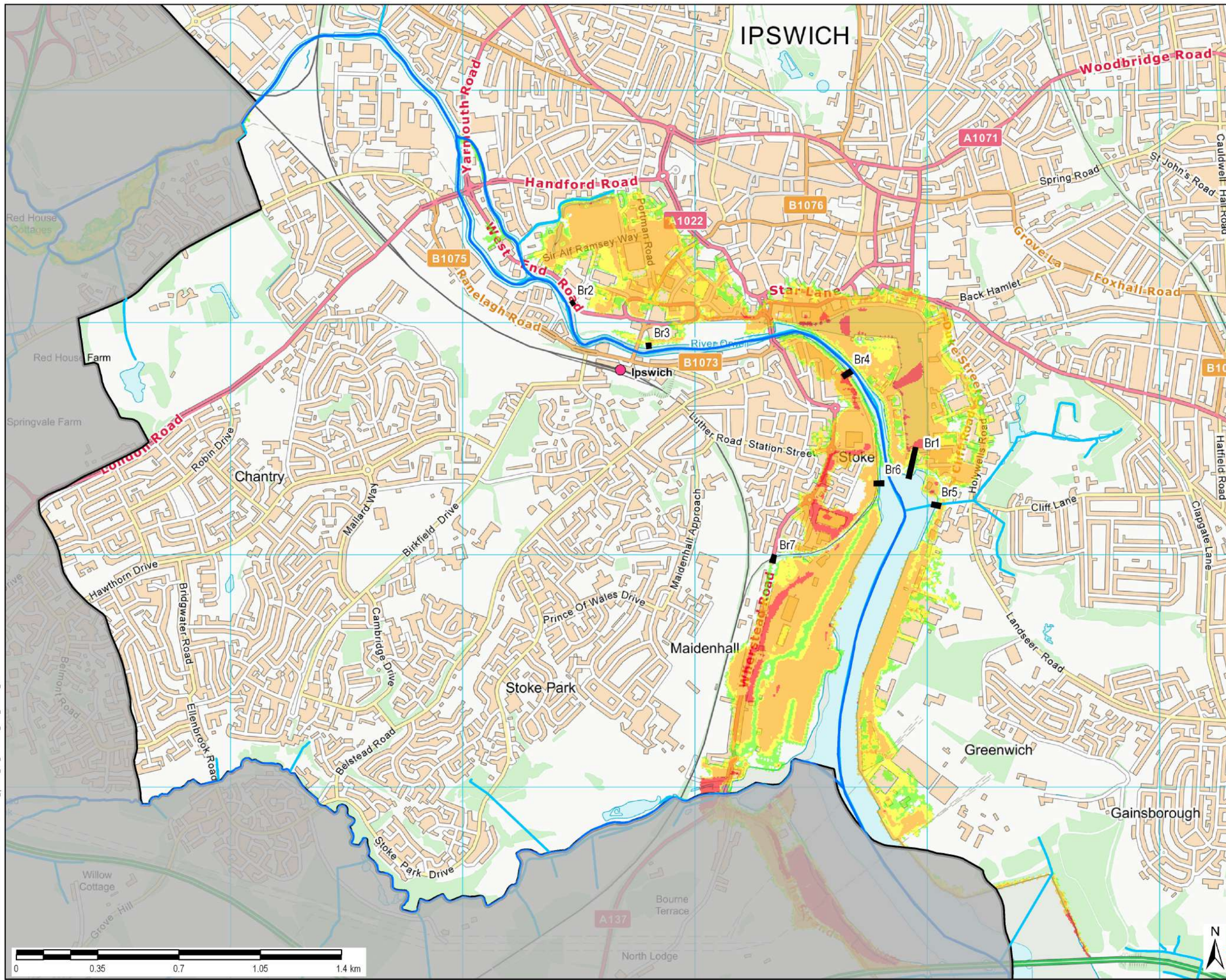
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LEGEND

- 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 IP02 Barrier Open: BR04 Breach at Bath Street (right bank).
- IP02 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wherstead Rd floodgate and Tesco development with enhanced defences (see note 4 below). Barrier open.
- 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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IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.1% FROM BREACH BR04 AT 2015 (PRESENT DAY)

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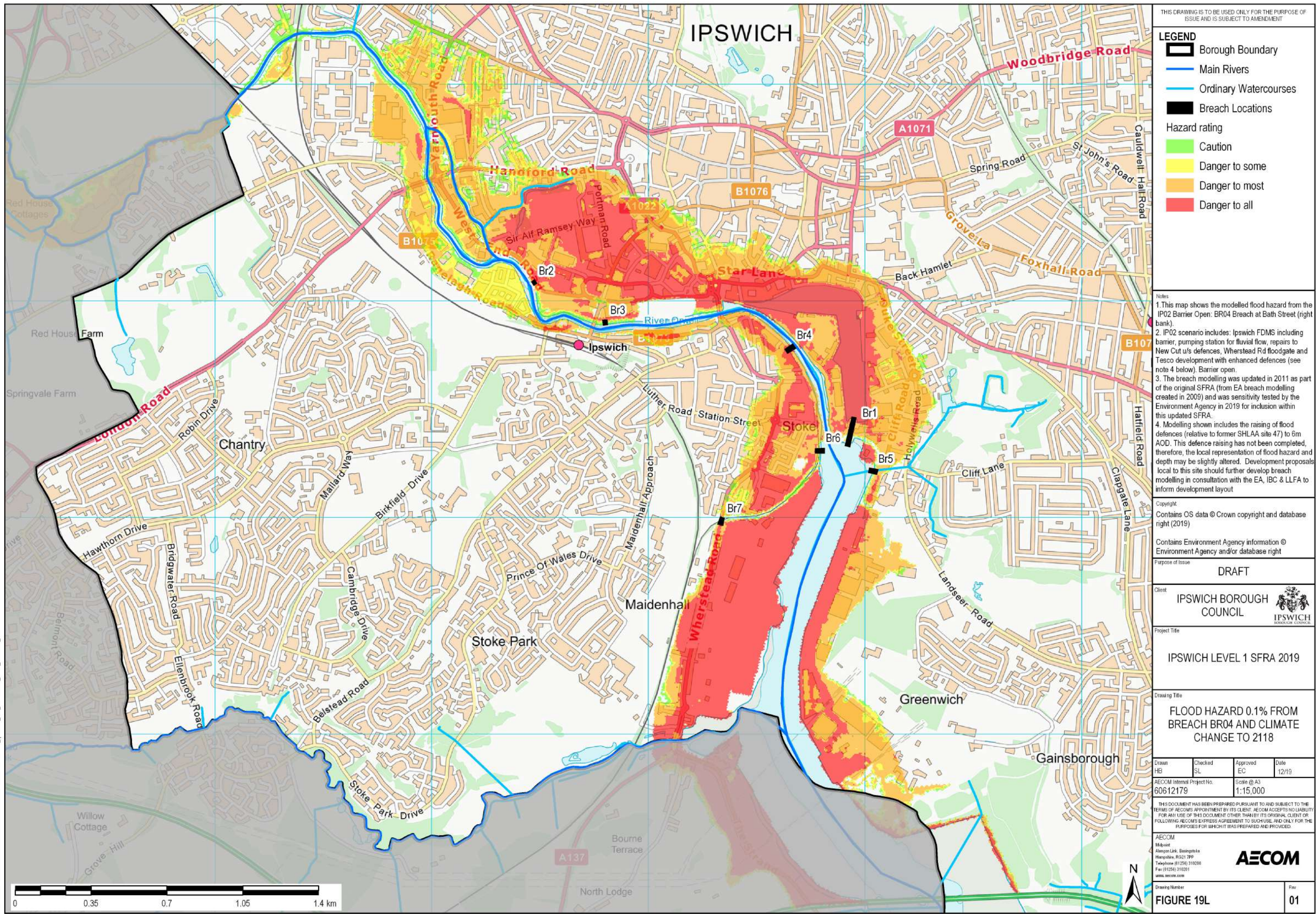
FIGURE 19K

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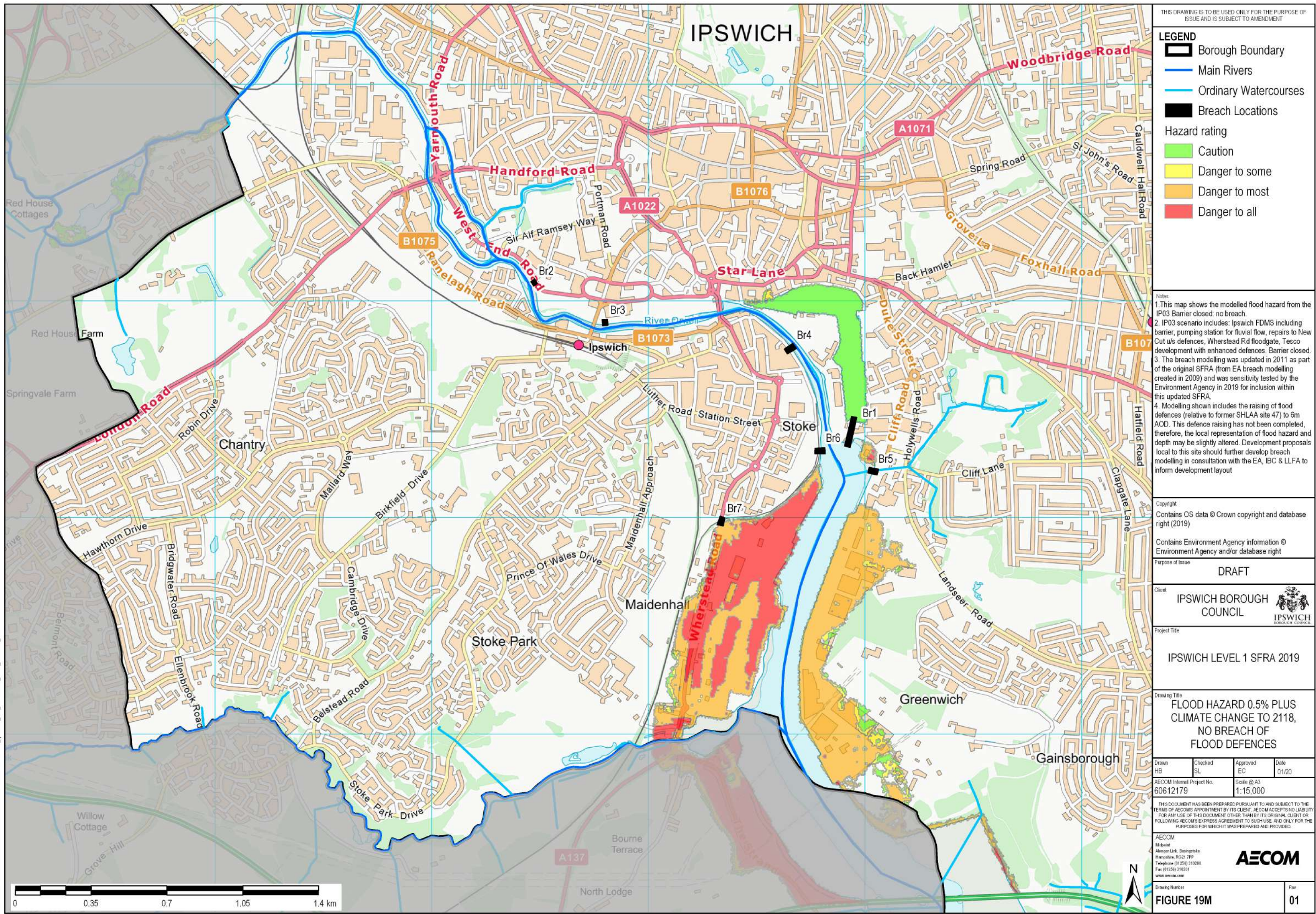
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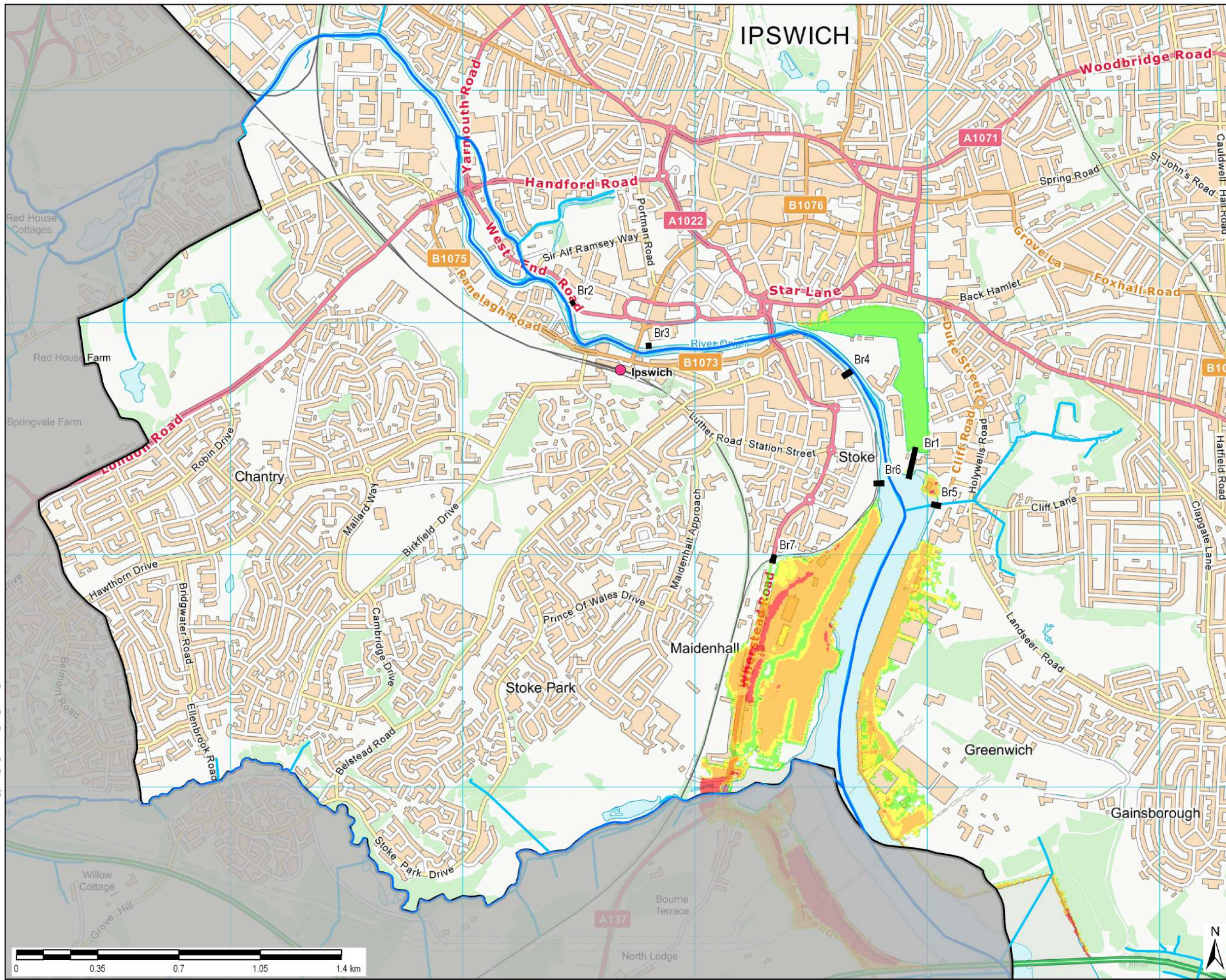
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LEGEND

- 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 closed: no breach.
2. IP03 scenario includes: Ipswich FDMS including barrier, pumping station for fluvial flow, repairs to New Cut u/s defences, Wharstead 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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Client

IPSWICH BOROUGH COUNCIL

Project Title

IPSWICH LEVEL 1 SFRA 2019

Drawing Title

FLOOD HAZARD 0.1% AT 2015 (PRESENT DAY), NO BREACH OF FLOOD DEFENCES

Drawn	Checked	Approved	Date
HB	SL	EC	01/20

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FIGURE 19N

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