

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

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 Open: BR06 Railway gate in West bank 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 0.1% FROM BREACH BR06 AT 2015 (PRESENT DAY)

Drawn HB	Checked SL	Approved EC	Date 01/20
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

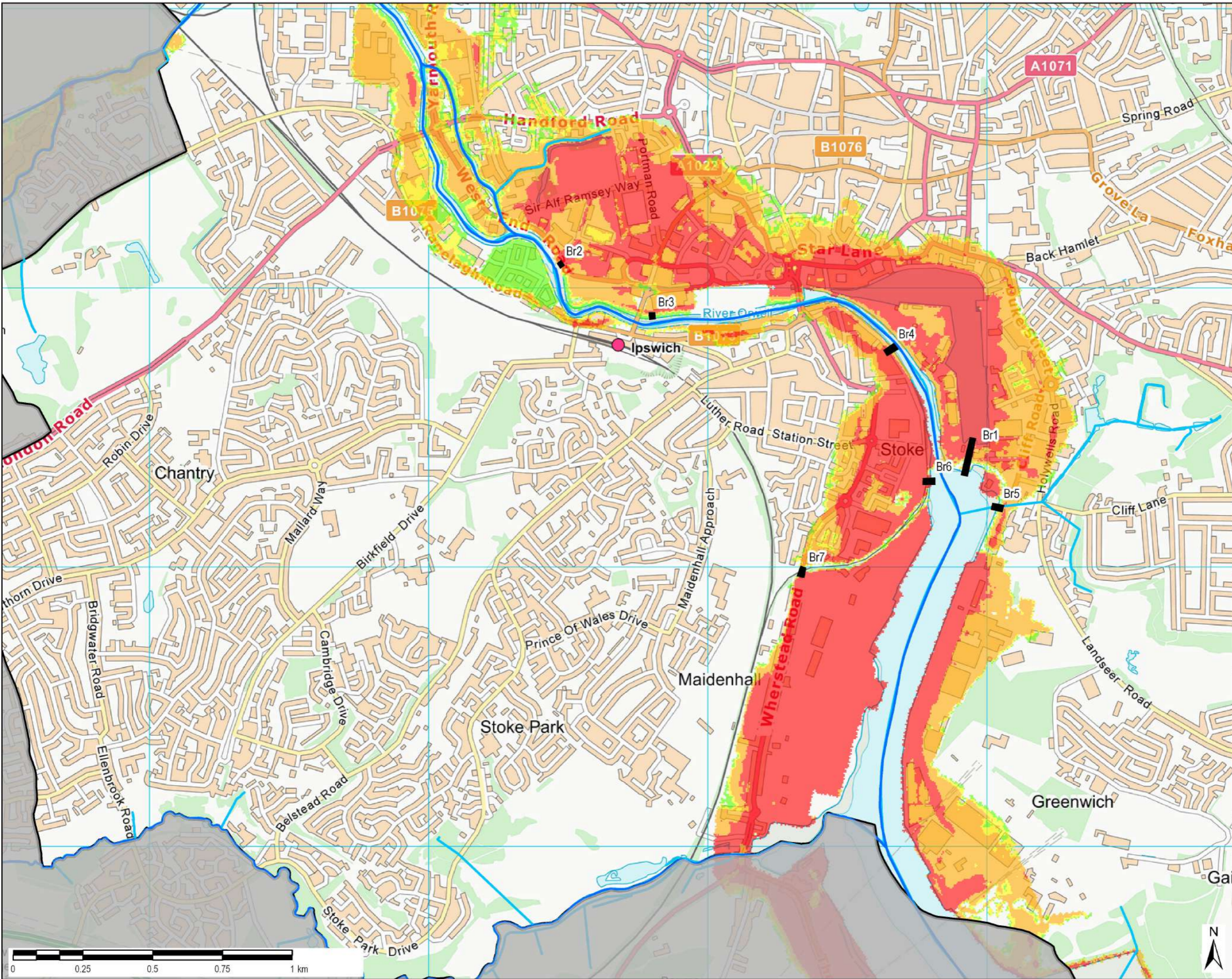
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FIGURE 19Z

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01

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

Hazard rating

- Caution
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- 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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Purpose of Issue
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Client
 IPSWICH BOROUGH COUNCIL

Project Title
 IPSWICH LEVEL 1 SFRA 2019

Drawing Title
 FLOOD HAZARD 0.1% FROM BREACH BR06 AND CLIMATE CHANGE TO 2118

Drawn HB	Checked SL	Approved EC	Date 01/20
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

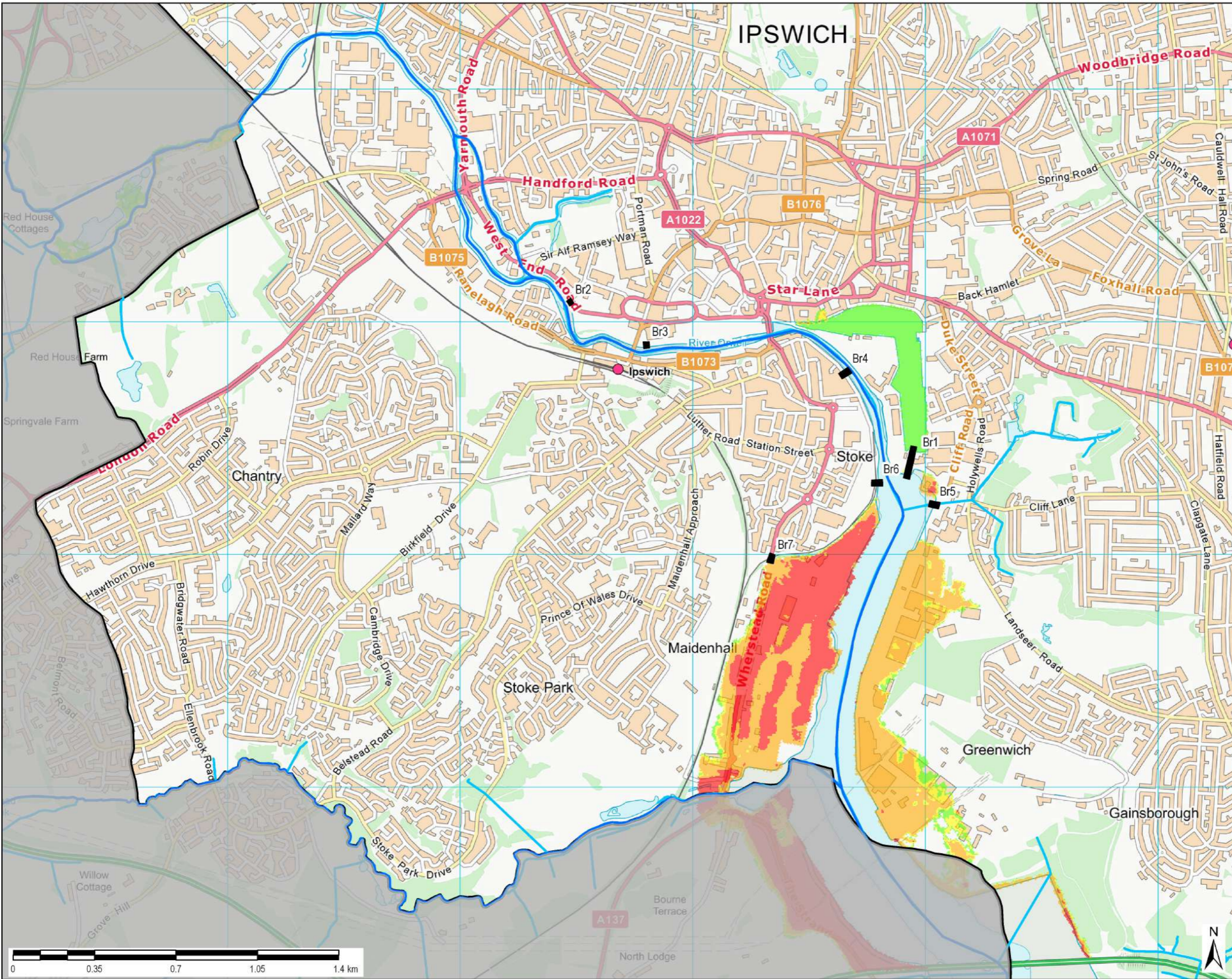
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 FIGURE 19AA

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LEGEND

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

Hazard rating

- Caution
- Danger to some
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- Danger to all

Notes

- This map shows the modelled flood hazard from the IP03 Barrier Open: BR07 Wherstead Rd 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 0.5% FROM BREACH BR07 AND CLIMATE CHANGE TO 2118

Drawn HB	Checked SL	Approved EC	Date 12/19
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

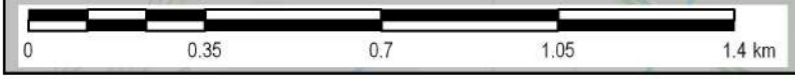
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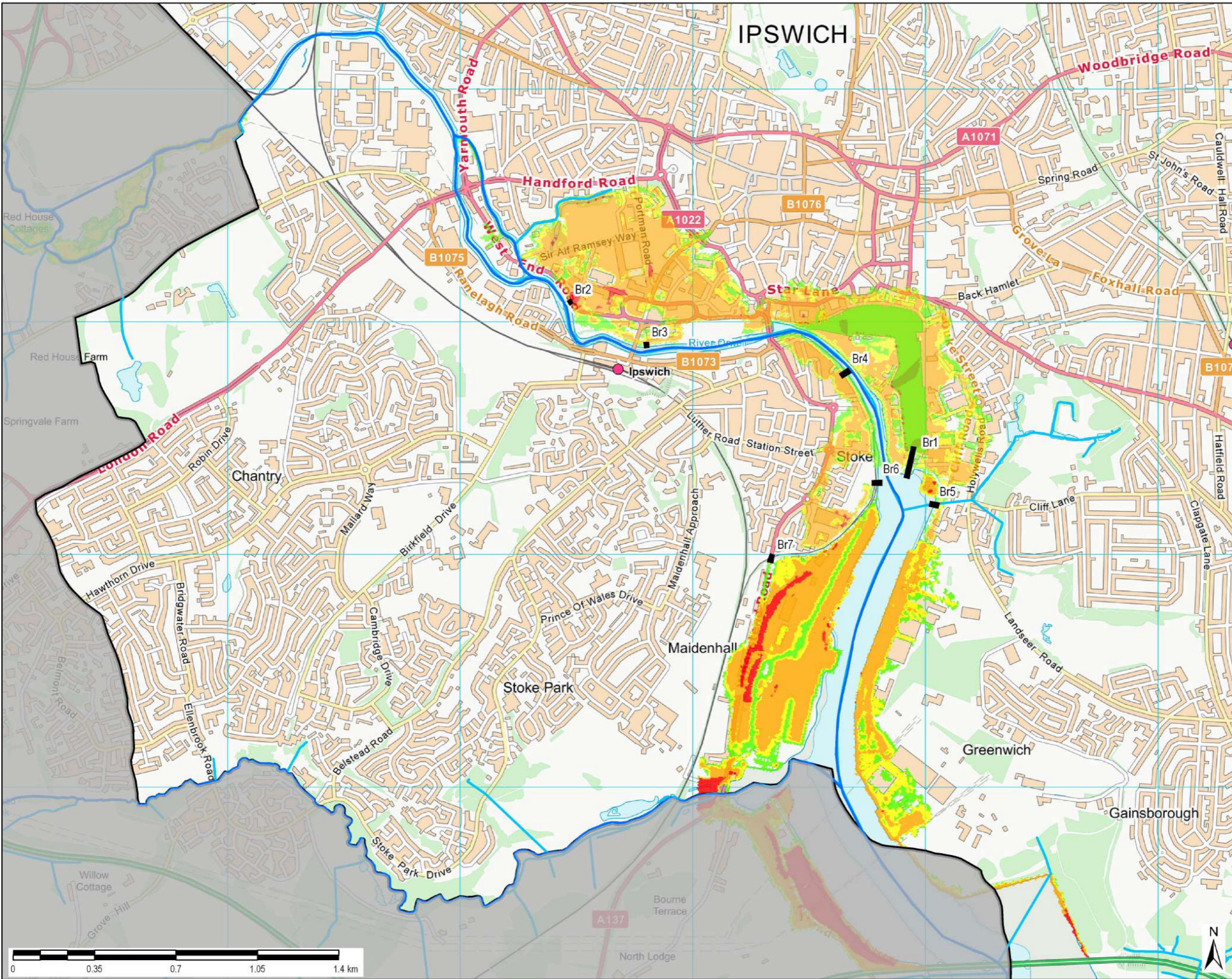
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Hazard rating

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Notes

- This map shows the modelled flood hazard from the IP03 Barrier Open: BR07 Wherstead Rd 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.
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Project Title
IPSWICH LEVEL 1 SFRA 2019

Drawing Title
FLOOD HAZARD 0.1% FROM BREACH BR07 AT 2015 (PRESENT DAY)

Drawn HB	Checked SL	Approved EC	Date 12/19
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

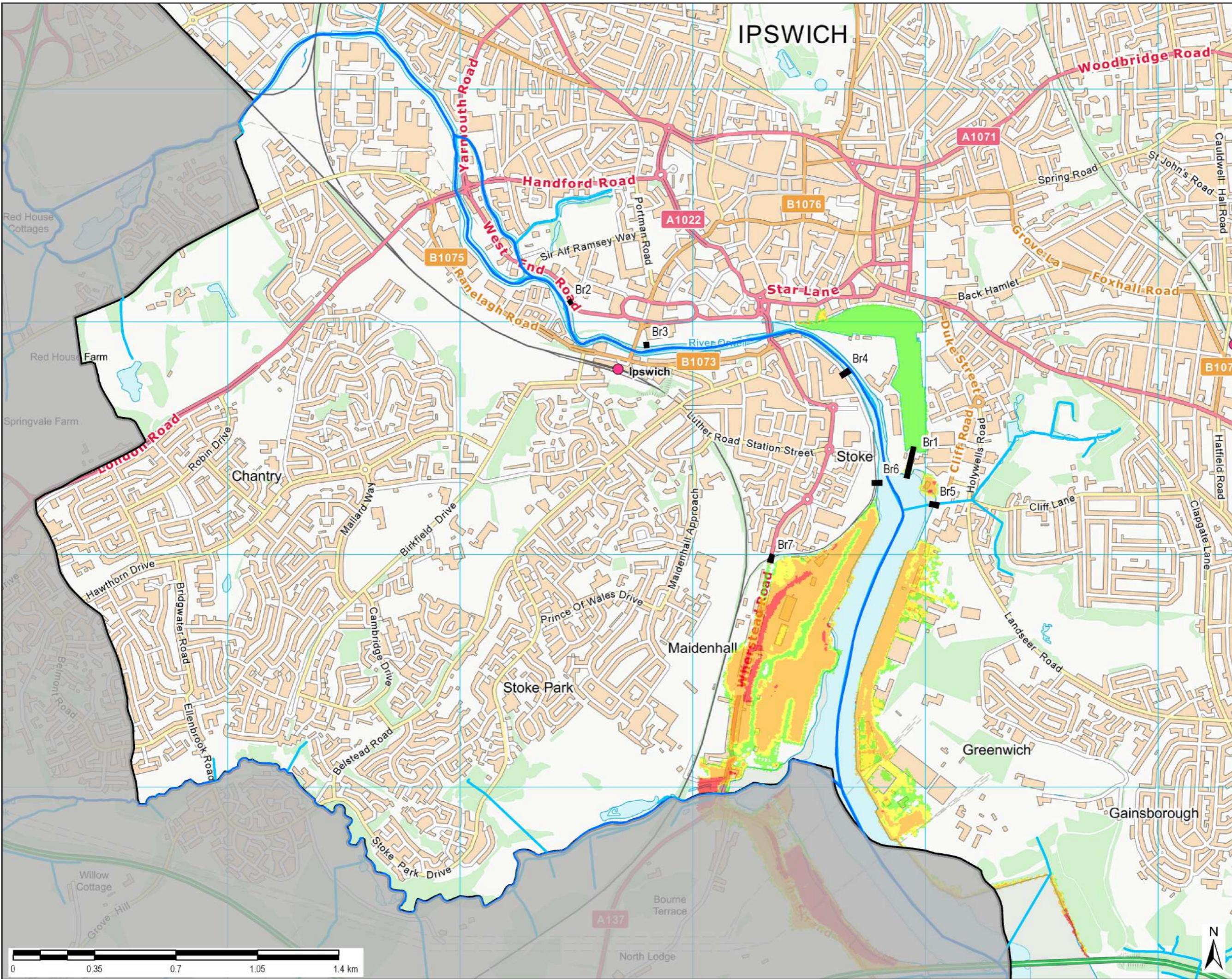
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LEGEND

- 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 Open: BR07 Wherstead Rd 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 BR07 AND CLIMATE CHANGE TO 2118

Drawn HB	Checked SL	Approved EC	Date 12/19
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

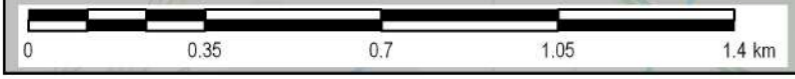
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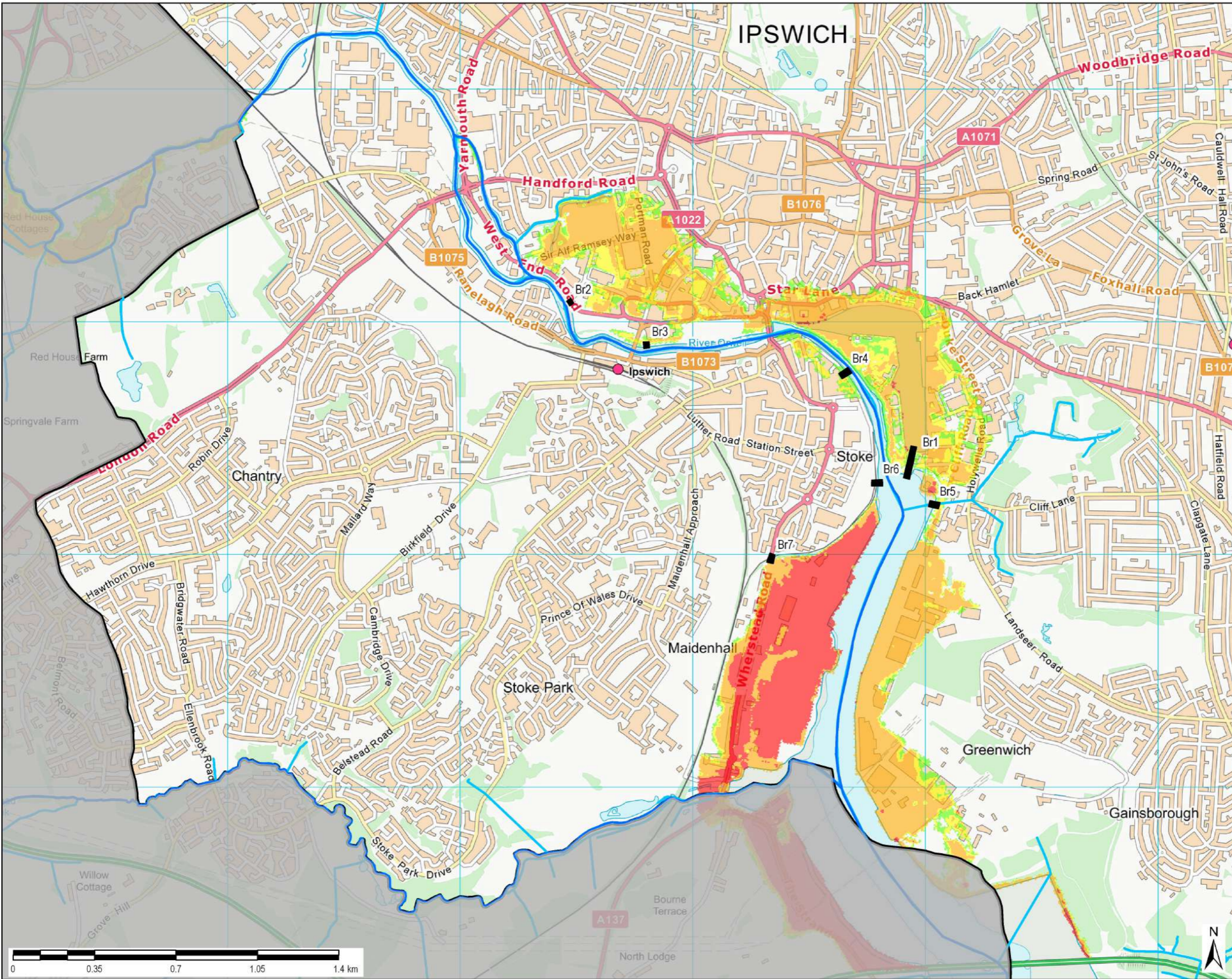
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LEGEND

- 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 IP04 Barrier Open: PS not operating.
- IP04 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 and pumping station not built.
- 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% AND CLIMATE CHANGE TO 2118 FROM PUMPING STATION FAILURE

Drawn HB	Checked SL	Approved EC	Date 01/20
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

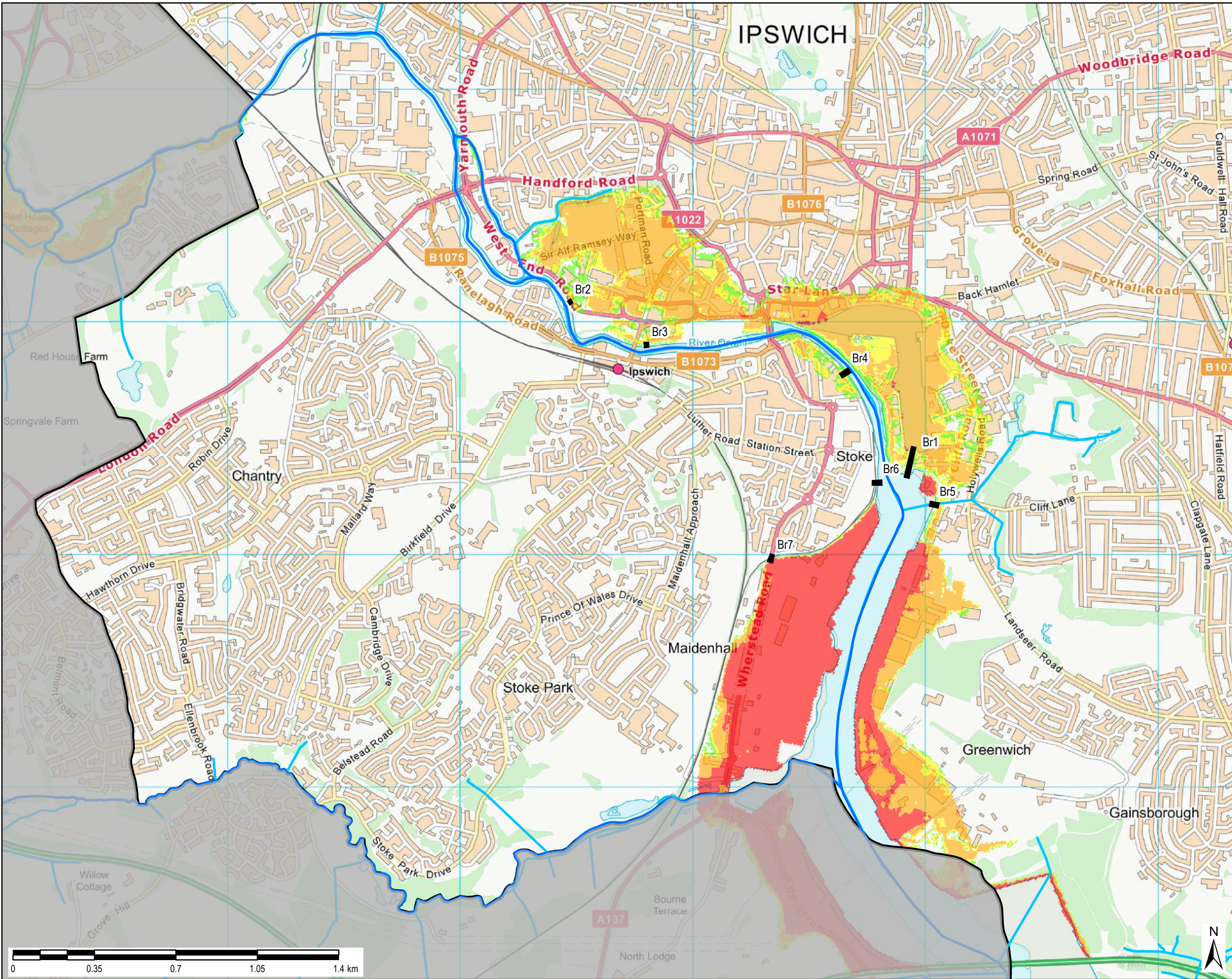
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LEGEND

- Borough Boundary
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- 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 IP04 Barrier closed: PS not operating.
- IP04 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 and pumping station not built.
- 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% AND CLIMATE CHANGE TO 2118 FROM PUMPING STATION FAILURE

Drawn HB	Checked SL	Approved EC	Date 01/20
AECOM Internal Project No. 60612179		Scale @ A3 1:15,000	

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