













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- LEGEND**
-  Borough Boundary
 -  Surrounding Districts
 -  Main Rivers
 -  Ordinary Watercourses

Topography (m AOD)

-  ≤ 0
-  ≤ 10
-  ≤ 20
-  ≤ 30
-  ≤ 40
-  ≤ 50
-  ≤ 60
-  ≤ 76

Notes
 1. Light Detection and Ranging (LIDAR) is an airborne mapping technique, which uses a laser to measure the distance between the aircraft and the ground.
 2. This dataset has a spatial resolution of 2m. The Environment Agency's LIDAR data archive contains digital elevation data derived from surveys carried out since 1998.

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Purpose of Issue
FINAL



Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
**TOPOGRAPHY
 MAIN RIVERS AND
 ORDINARY WATERCOURSES**

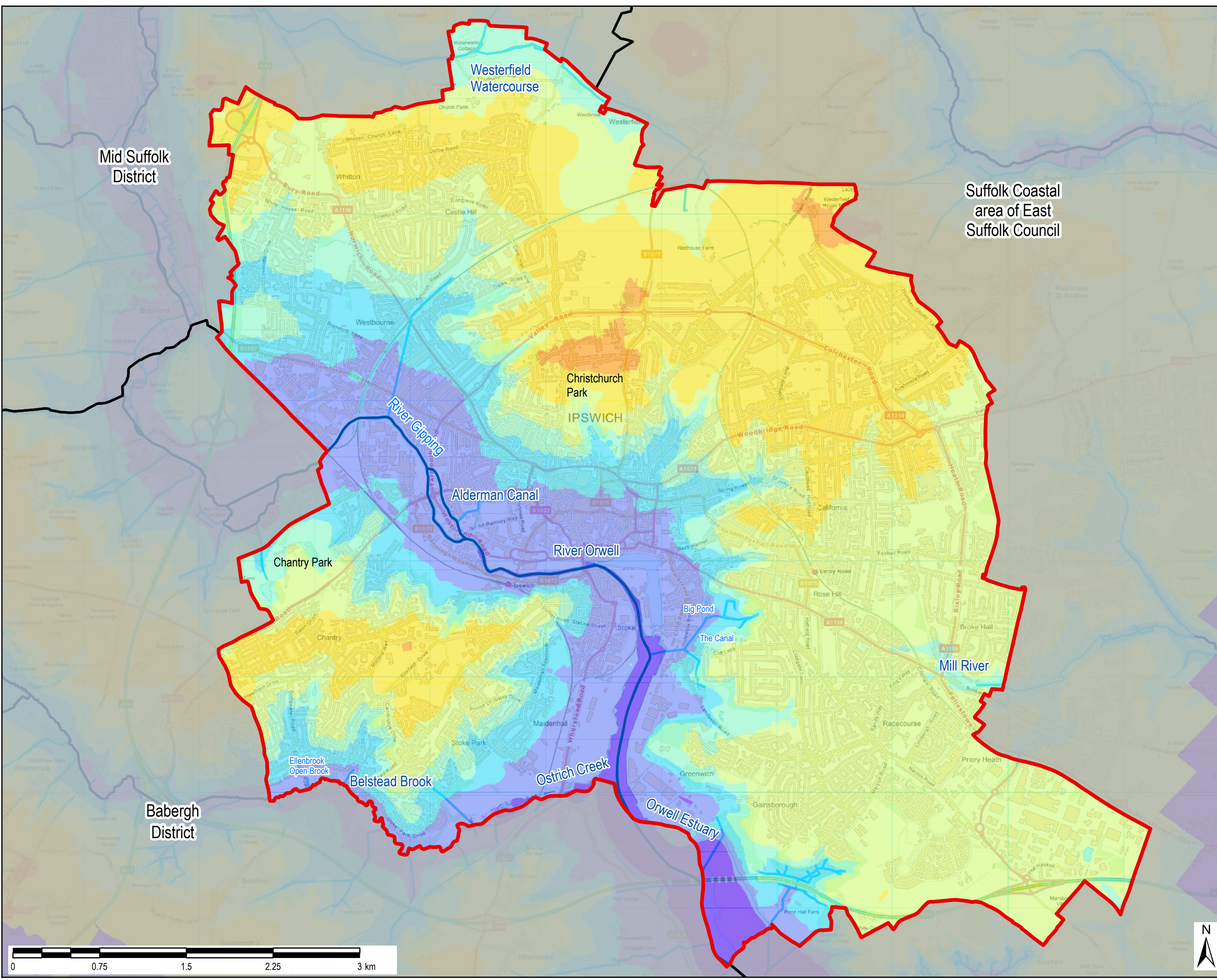
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AECOM Internal Project No. 60612179		Scale @ A3 1:30,000	

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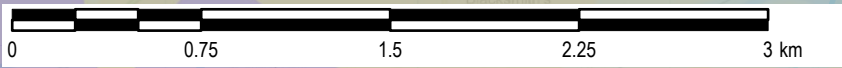
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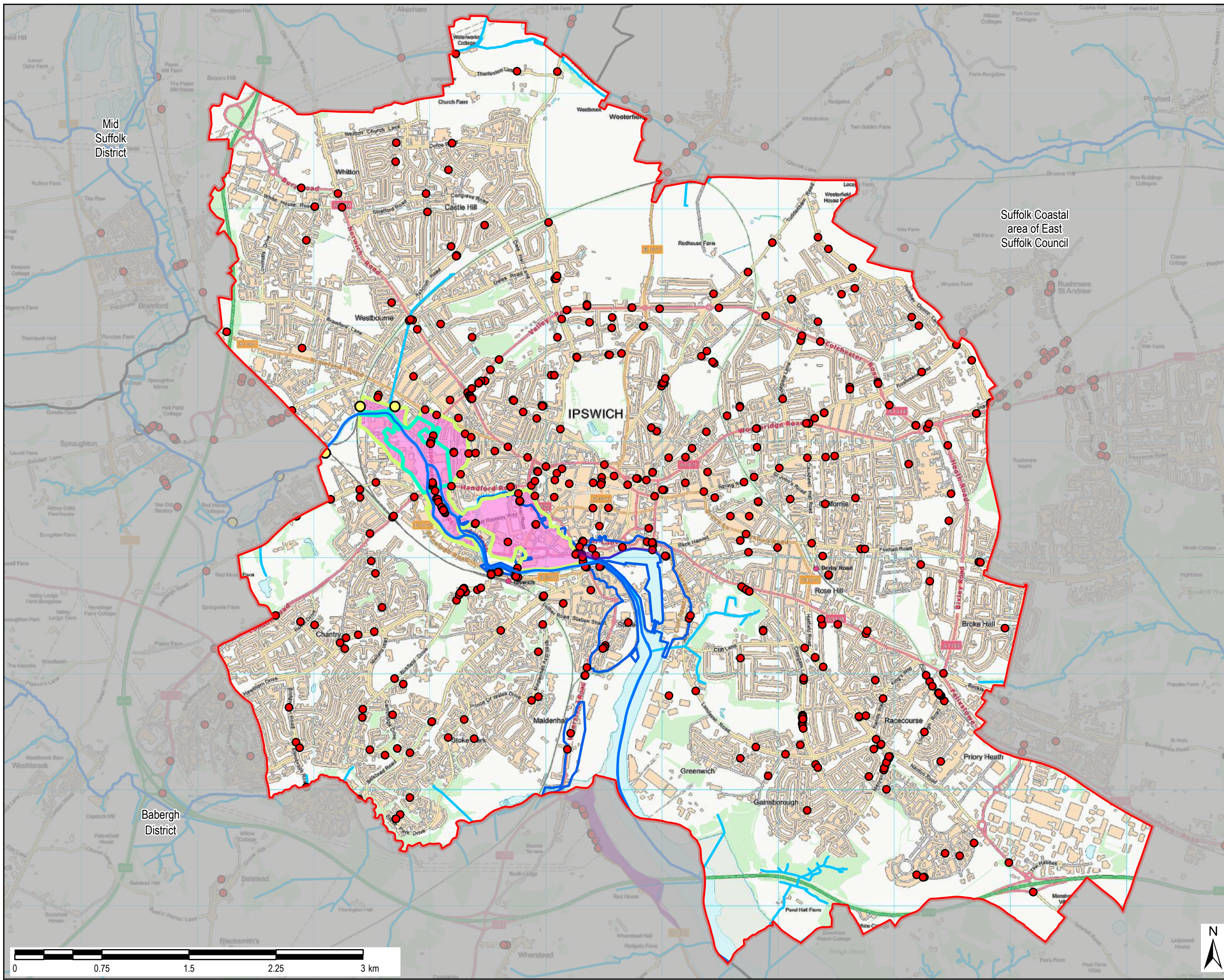
Drawing Number FIGURE 1	Rev 01
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LEGEND

- Borough Boundary
- Surrounding Districts
- Main Rivers
- Ordinary Watercourses
- Historic Flood Map
- River Gipping 1939 flood extent
- River Gipping 1947 flood extent
- River Gipping 1974 flood events
 - 2/12/74
 - 1953 Flood Outlines
 - December 2013 Flood Surge
 - IBC Flood Incidents

Notes
 1. Flood Incident data has been provided by the Environment Agency and Suffolk County Council (Lead Local Flood Authority). Further information on these flood records is provided within the Level 1 SFRA report.

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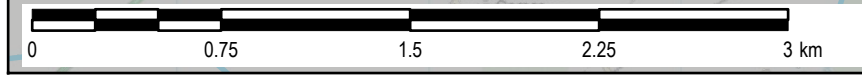
Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
HISTORIC FLOOD MAP

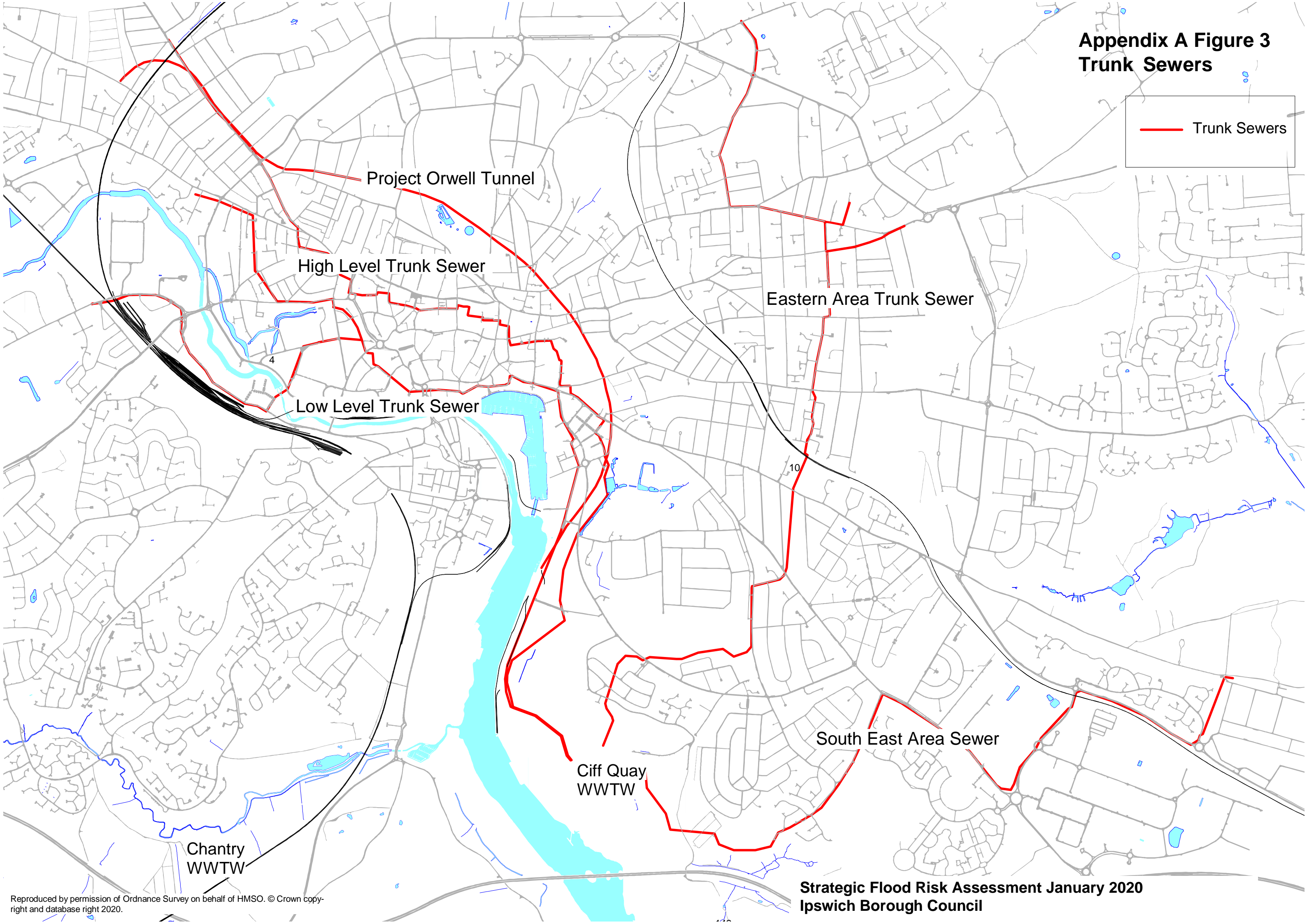
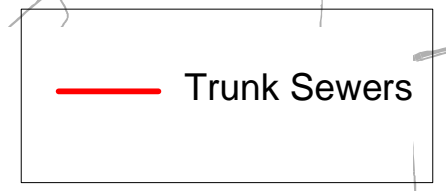
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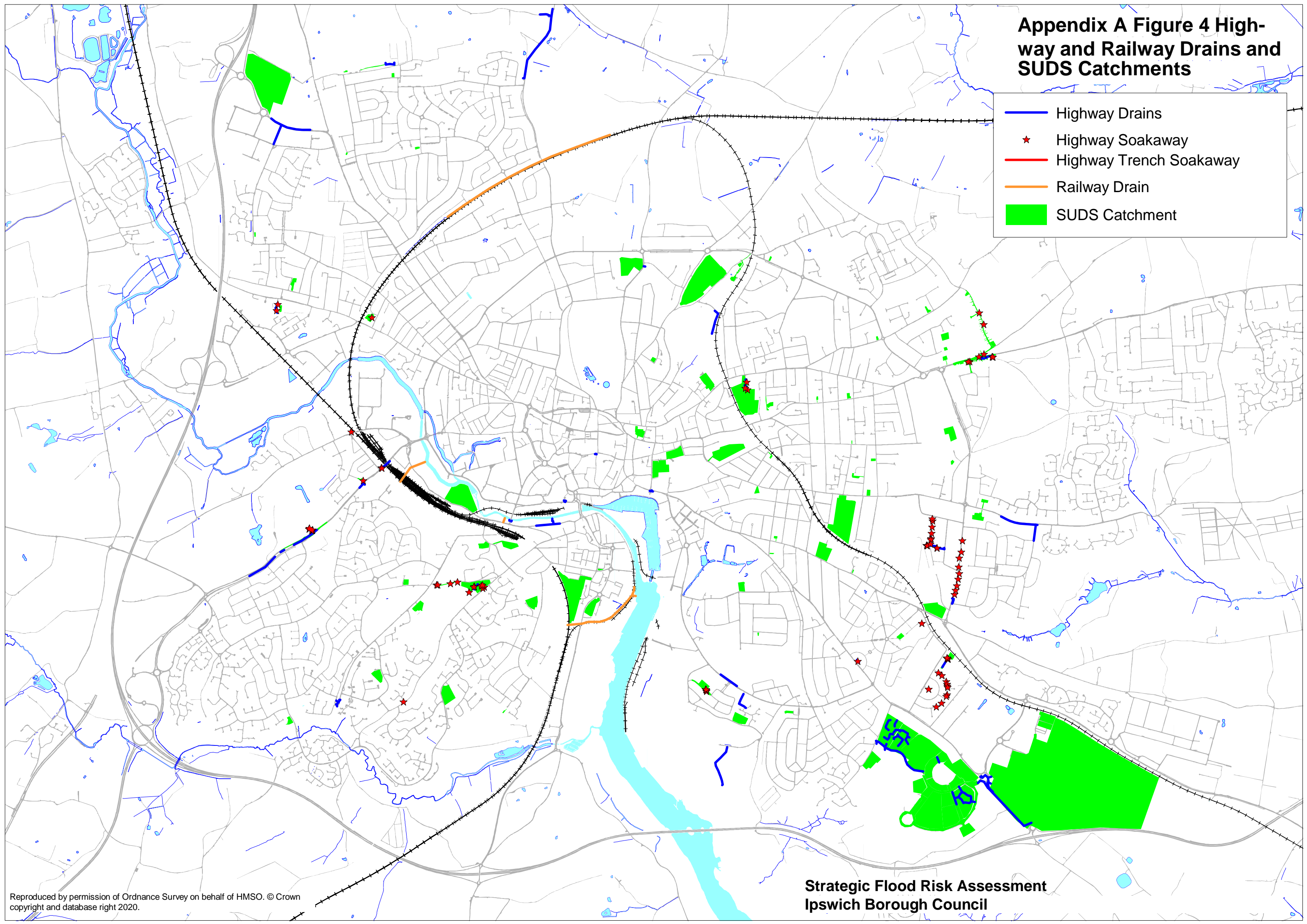
Appendix A Figure 3 Trunk Sewers



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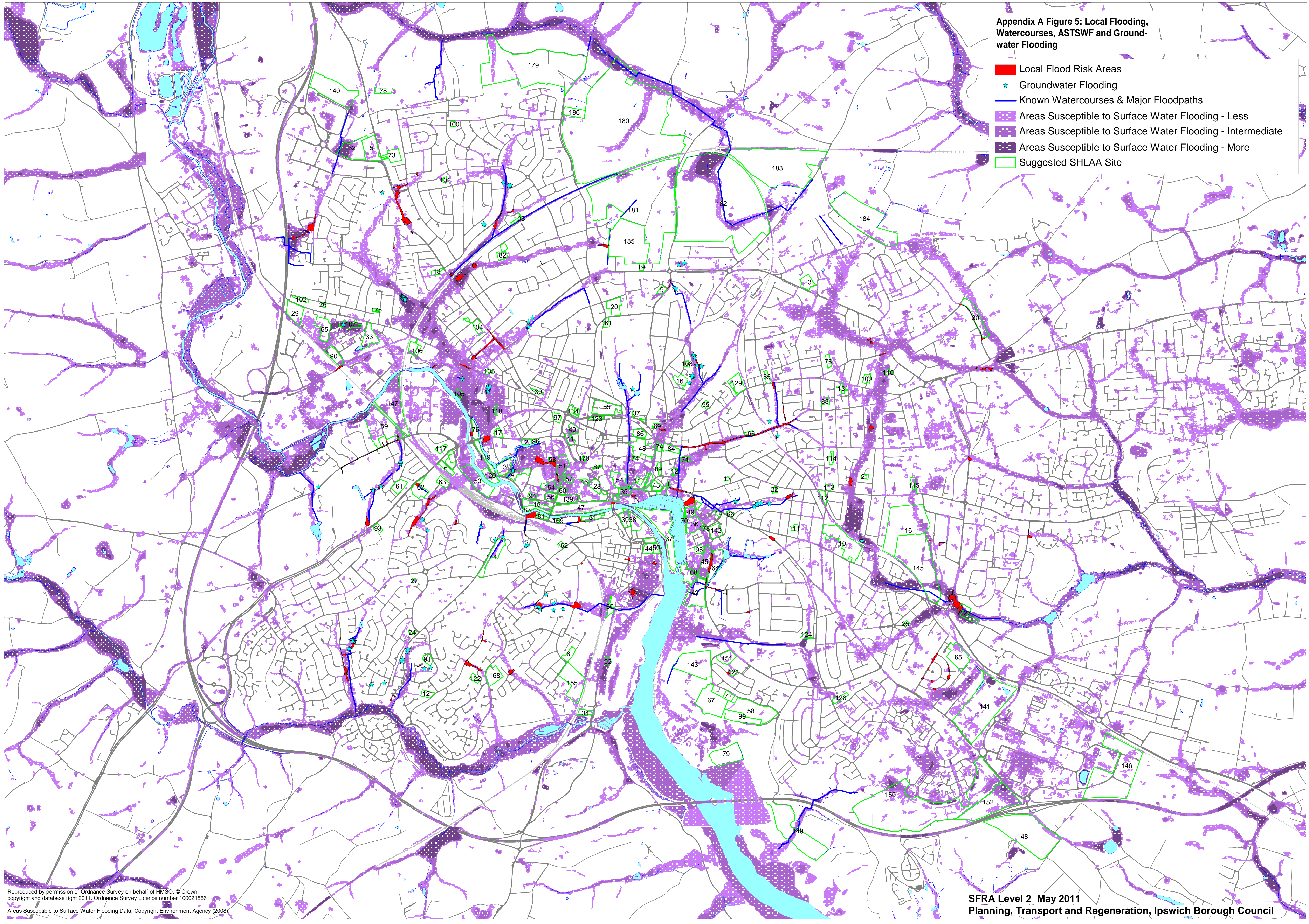
Appendix A Figure 4 Highway and Railway Drains and SUDS Catchments

- Highway Drains
- Highway Soakaway
- Highway Trench Soakaway
- Railway Drain
- SUDS Catchment

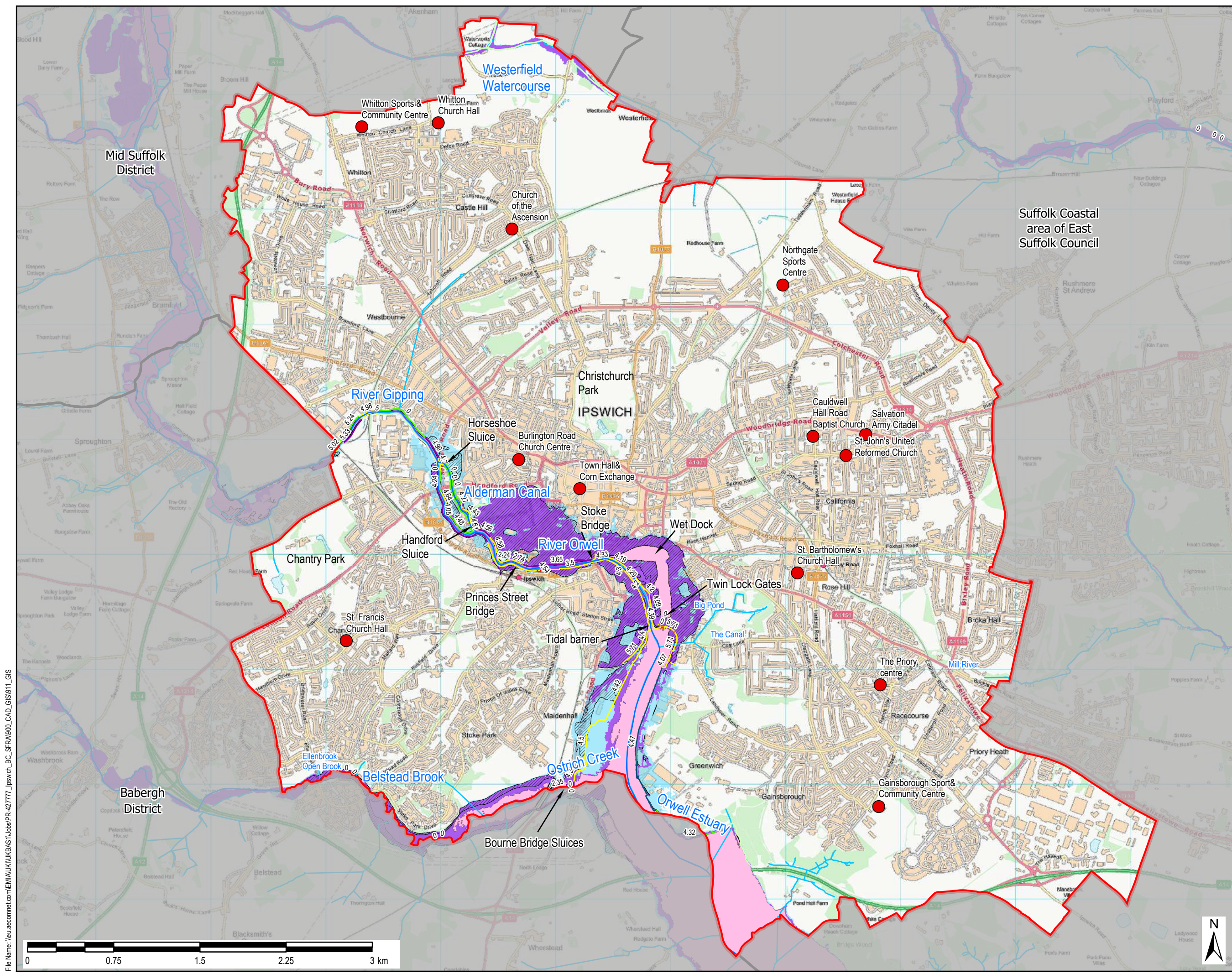


Appendix A Figure 5: Local Flooding, Watercourses, ASTSWF and Groundwater Flooding

- Local Flood Risk Areas
- Groundwater Flooding
- Known Watercourses & Major Floodpaths
- Areas Susceptible to Surface Water Flooding - Less
- Areas Susceptible to Surface Water Flooding - Intermediate
- Areas Susceptible to Surface Water Flooding - More
- Suggested SHLAA Site



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 Areas Susceptible to Surface Water Flooding Data, Copyright Environment Agency (2008)



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LEGEND

- Borough Boundary
- Surrounding Districts
- Main Rivers
- Ordinary Watercourses
- Flood Zone 2
- Flood Zone 3
- Flood Zone 3b

AIMS database Flood Defences

- Embankment
- High Ground
- Wall
- Flood Gate
- Quay
- Demountable Defence

CDL

- Embankment
- High Ground
- Wall
- Flood Gate
- Simple Culvert
- Unknown
- Part of an asset site

- Emergency Rest Centres
- Areas Benefitting from Flood Defences

This map shows the predicted likelihood of fluvial and tidal flooding based on the Environment Agency's Flood Map for Planning (Floods and the Sea) and catchment modeling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).

2. The probability of fluvial flooding is divided into the following categories:

Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (<1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.

Flood Zone 2 - Land having between a 1 in 100 and 1 in 1,000 annual probability of river flooding; or land having between a 1 in 200 and 1 in 1,000 annual probability of sea flooding (without the presence or functioning of defences). (Land shown in light blue on the Flood Map)

Flood Zone 3 - Land having a 1 in 100 or greater annual probability of river flooding; or land having a 1 in 200 or greater annual probability of sea flooding (without the presence or functioning of defences). (Land shown in dark blue on the Flood Map)

3. Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Ipswich SC as a starting point for identifying areas of Functional Floodplain.

4. The crest level for the flood defences has been taken from the AIMS data.

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Client

IPSWICH BOROUGH COUNCIL

Project Title
IPSWICH LEVEL 1 SFRA

Drawing Title
FLUVIAL AND TIDAL FLOOD RISK

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FIGURE 6

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