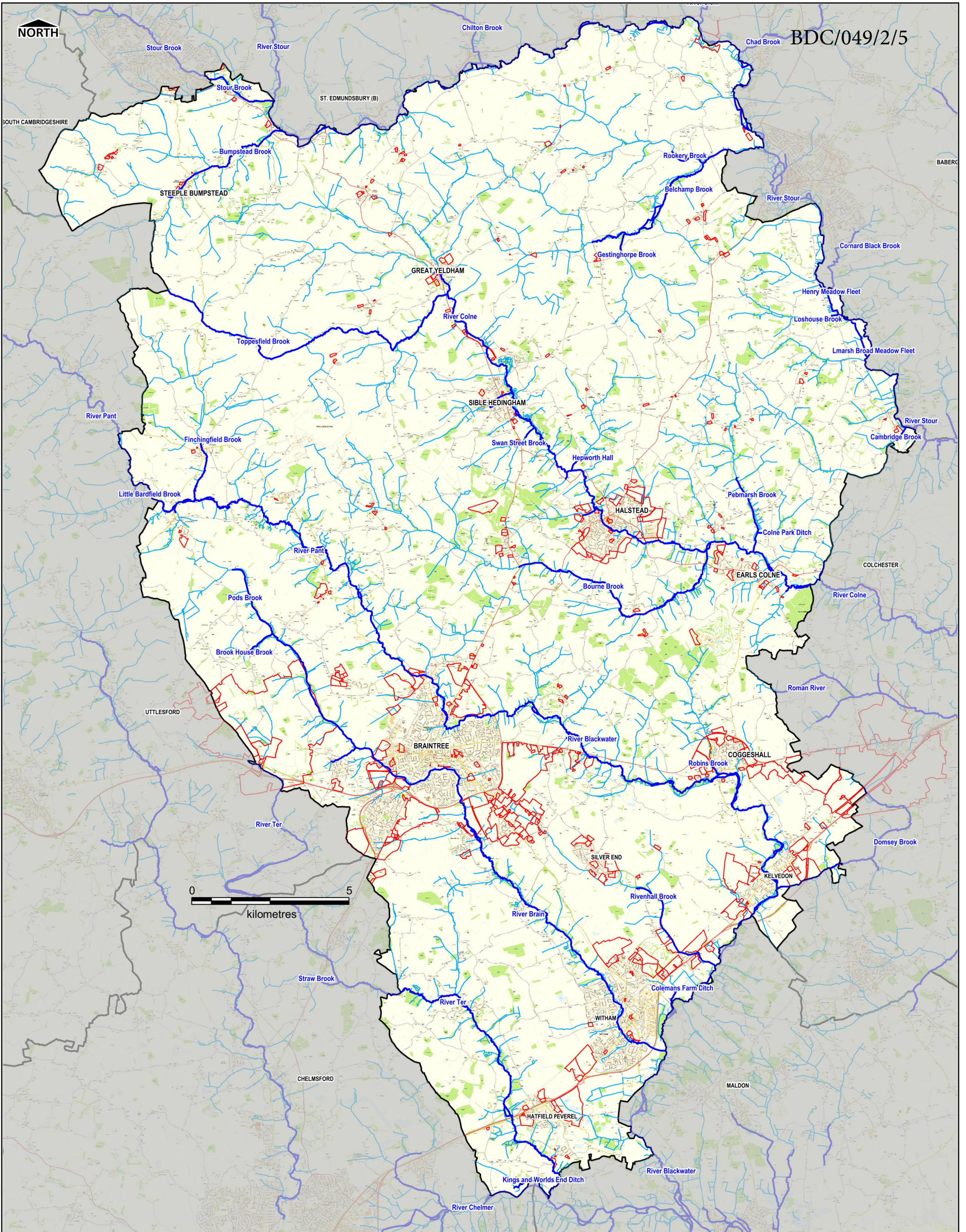


NORTH

BDC/049/2/5



LEGEND

- Administrative Boundaries
- Main River
- Ordinary Watercourse
- Development Site Boundaries

NOTES


Main Rivers are designated by Defra on a 'Main River Map'. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only. However overall responsibility for maintenance lies with the riparian owner.

An Ordinary Watercourse is a watercourse that does not form part of a Main River. This includes all rivers and streams and all ditches, drains, cuts, culverts, dikes, sluices (other than public sewers within the meaning of the Water Industry Act 1991) and passages, through which water flows according to the Land Drainage Act 1991.

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Project Title		Braintree District Council Strategic Flood Risk Assessment Update	
Drawing Title		Study Area	
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Checked	JB	Date	November 2016
Approved	JR	Scale at A3	1:110,000


Client



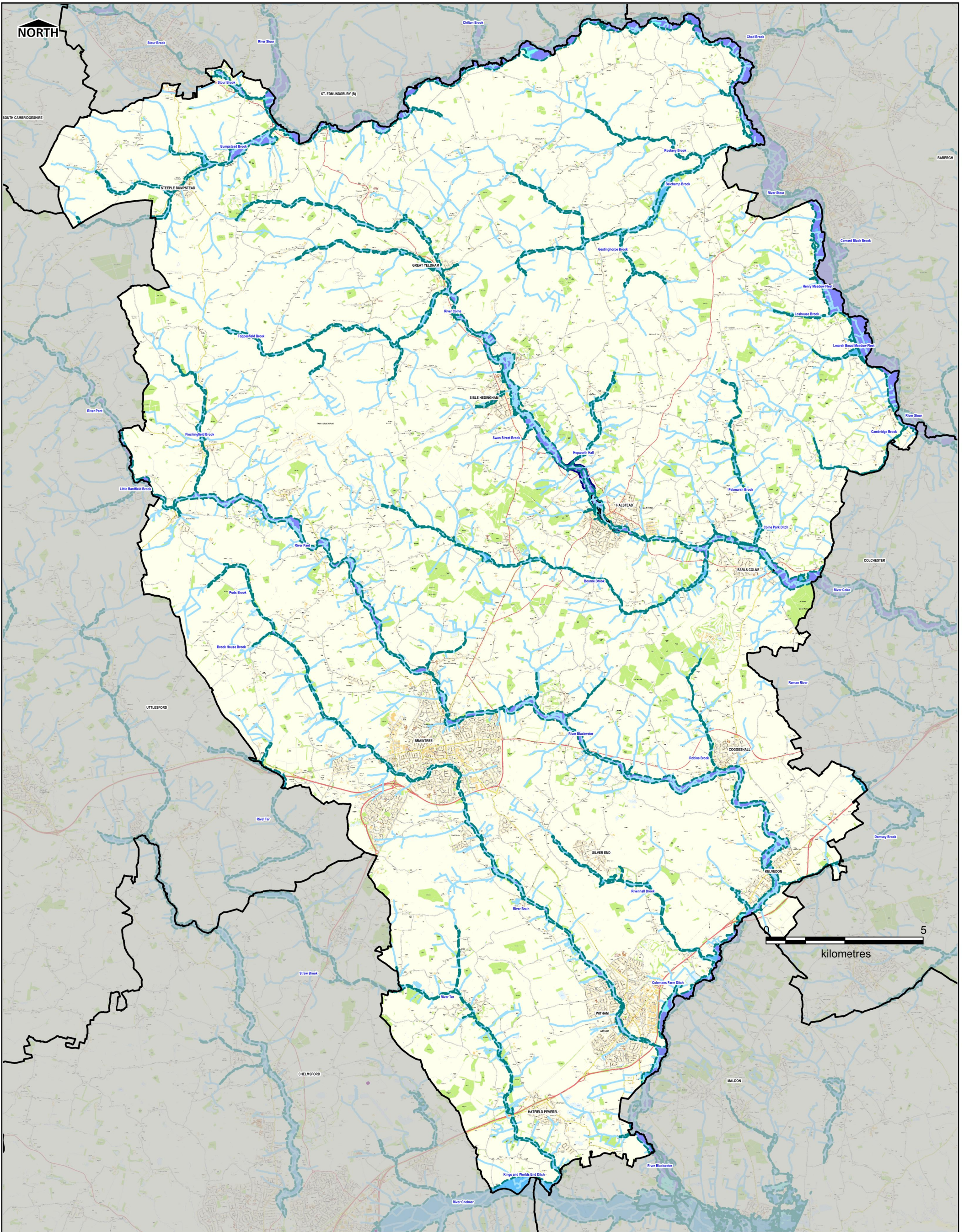
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Drawing Number	Rev
FIGURE 1	02



LEGEND

Administrative Boundaries	Probability of Flooding from Rivers and the Sea
Main River	Flood Zone 1 Low Probability
Ordinary Watercourse	Flood Zone 2 Medium Probability
Historic Records of Fluvial Flooding	Flood Zone 3a High Probability
Flood Defences	Flood Zone 3b Functional Floodplain
Flood Storage Areas	Flood Zone 3a plus climate change
Areas Benefiting from Flood Defences	

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In February 2016, the Environment Agency published revised guidance on climate change allowances. In the absence of model outputs for the updated climate change allowances, this Level 1 SFRAs has adopted a conservative approach to assessing climate change for the purpose of the Sequential Test by using the existing Flood Zone 2 extent (1 in 1000 annual probability of river flooding) as a proxy for the Flood Zone 3a plus climate change. This represents the 'higher central' allowance. Developers should note that for all subsequent site specific FRAs, confirmation is required from the Environment Agency on the appropriate climate change assessment approach for each site.

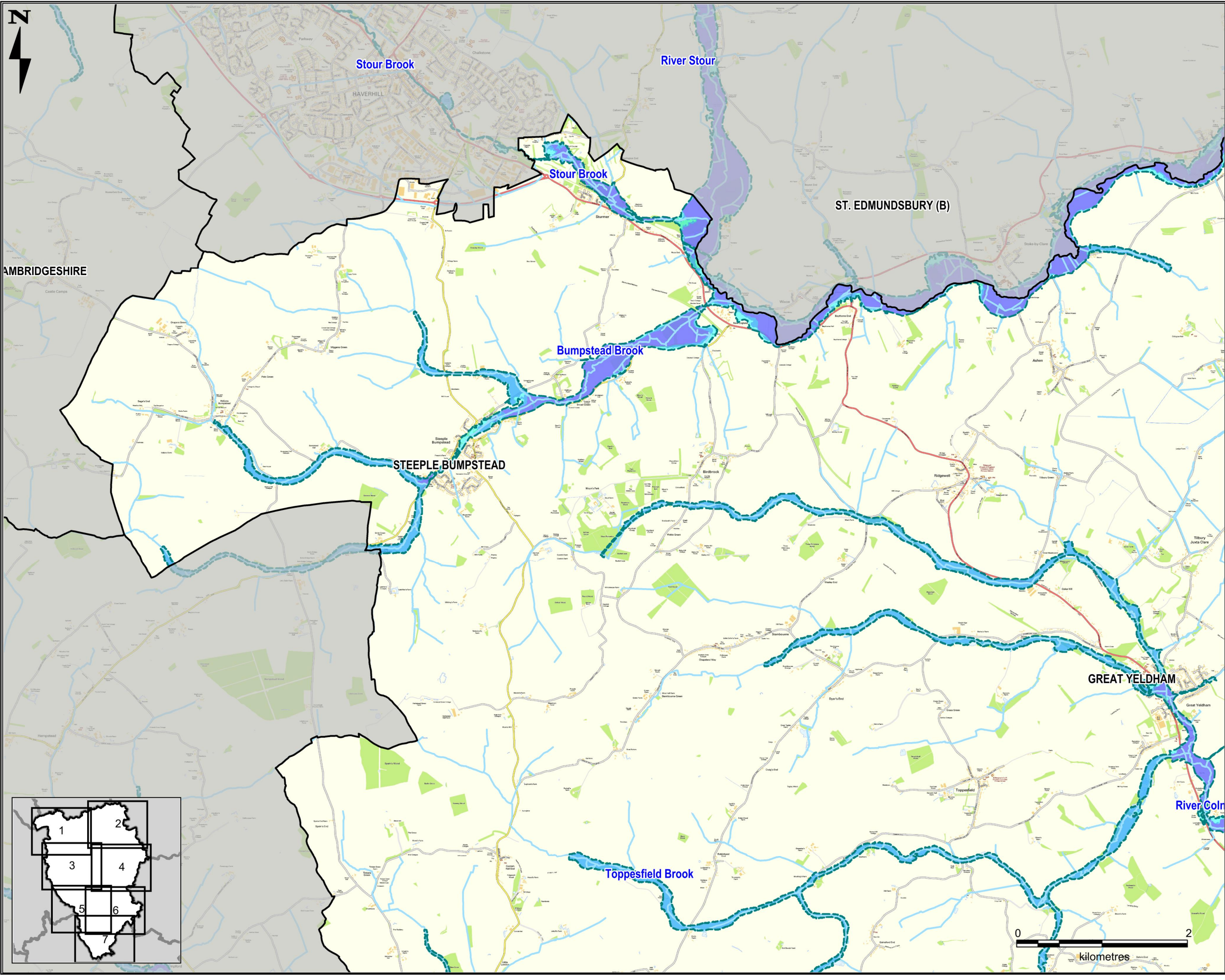
Project Title		Braintree District Council Strategic Flood Risk Assessment update	
Drawing Title		Flood Zone Map	
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Drawn	SB	Version	2
Checked	JB	Date	November 2016
Approved	JR	Scale at A3	1:110,000

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Drawing Number	Rev
FIGURE 2	03



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LEGEND

- Administrative Boundaries
 - Main River
 - Ordinary Watercourse
 - Historic Records of Fluvial Flooding
 - Flood Defences
 - Flood Storage Areas
 - Areas Benefiting from Flood Defences
- Probability of Flooding from Rivers and the Sea
- Flood Zone 1 Low Probability
 - Flood Zone 2 Medium Probability
 - Flood Zone 3a High Probability
 - Flood Zone 3b Functional Floodplain
 - Flood Zone 3a plus climate change

Notes

Main Rivers are designated by Defra on a 'Main River Map'. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only. However overall responsibility for maintenance lies with the riparian owner. The Environment Agency Flood Map for Planning (Rivers and Sea) is available on the Environment Agency website (www.gov.uk/environment-agency) and displays the risk of flooding based on probability. Flood Zone 1: Land assessed, ignoring the presence of flood defences, as having a less than 0.1% annual probability of fluvial or tidal flooding in any year. Flood Zone 2: Land assessed, ignoring the presence of flood defences, as having between a 1% and 0.1% annual probability of fluvial flooding in any year. Flood Zone 3: Land assessed, ignoring the presence of flood defences, as having a 1% or greater annual probability of fluvial flooding in any year.

The Flood Map displays the location of linear raised flood defences such as embankments and walls. Flood storage areas, land designated and operated to store flood water are displayed in a separate polygon layer. Land that may benefit from the presence of flood defences during a 1% fluvial or 0.5% tidal flood event. These are areas that would flood if the defences were not present, but may not flood because the defence is present. Areas benefitting from flood storage areas may be remote from the flood defence structure.

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Revision Details		Suffix	

Purpose of Issue: **FINAL**

Client: **Braintree District Council**

Project Title: **Braintree Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Zone Maps**

Drawn	Checked	Approved	Date
SB	JB	JR	Nov 2016

AECOM Internal Project No. **60478467** Scale at A3 **1:40,000**

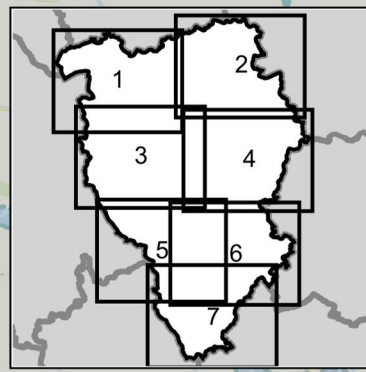
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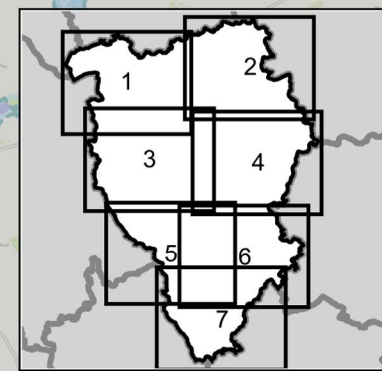
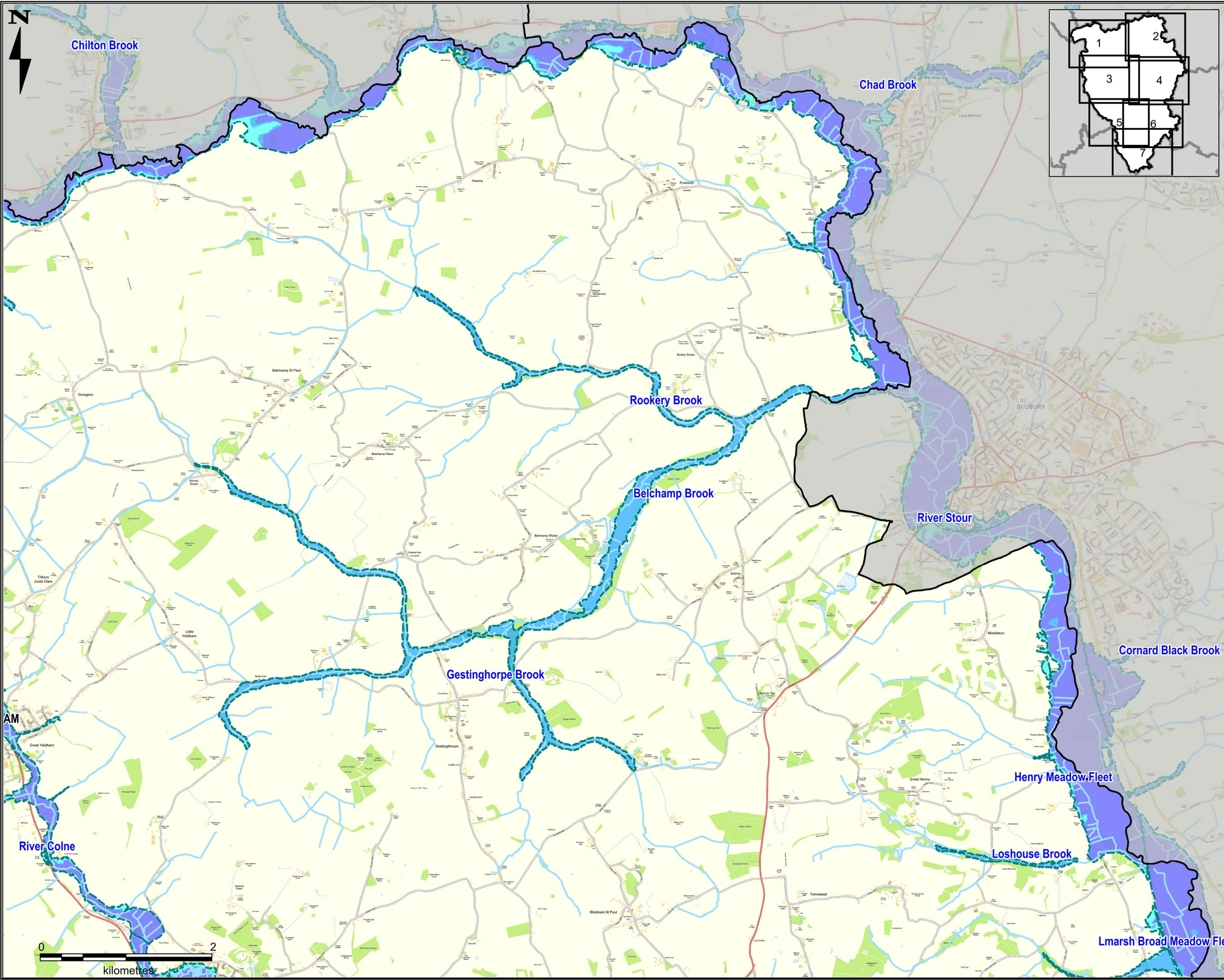
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Drawing Number: **FIGURE 2.1** Rev: **03**

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LEGEND

- Administrative Boundaries
- Main River
- Ordinary Watercourse
- Historic Records of Fluvial Flooding
- Flood Defences
- Flood Storage Areas
- Areas Benefiting from Flood Defences

Probability of Flooding from Rivers and the Sea

- Flood Zone 1 Low Probability
- Flood Zone 2 Medium Probability
- Flood Zone 3a High Probability
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a climate change

Notes

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Revision Details				Suffix
Purpose of Issue	FINAL			

Client
 Braintree District Council

Project Title
 Braintree Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Zone Maps

Drawn	Checked	Approved	Date
SB	JB	JR	Nov 2016
AECOM Internal Project No. 60478467		Scale at A3 1:40,000	

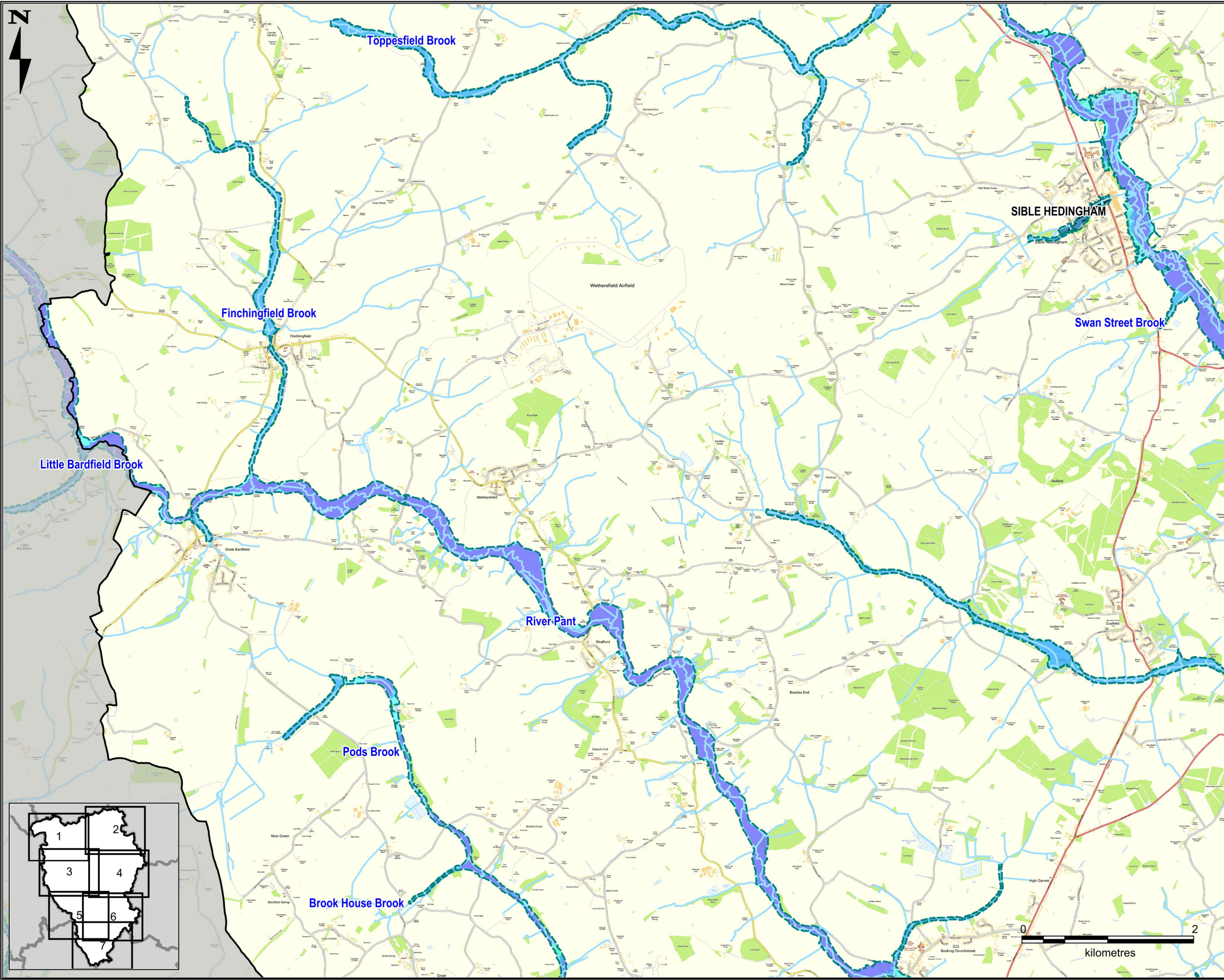
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FIGURE 2.2	03

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LEGEND

- Administrative Boundaries
- Main River
- Ordinary Watercourse
- Historic Records of Fluvial Flooding
- Flood Defences
- Flood Storage Areas
- Areas Benefiting from Flood Defences

Probability of Flooding from Rivers and the Sea

- Flood Zone 1 Low Probability
- Flood Zone 2 Medium Probability
- Flood Zone 3a High Probability
- Flood Zone 3b Functional Floodplain
- Flood Zone 3a plus climate change

Notes

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Revision Details		Suffix	

Purpose of Issue: **FINAL**

Client: **Braintree District Council**

Project Title: **Braintree Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Zone Maps**

Drawn	Checked	Approved	Date
SB	JB	JR	Nov 2016

AECOM Internal Project No. **60478467** Scale at A3 **1:40,000**

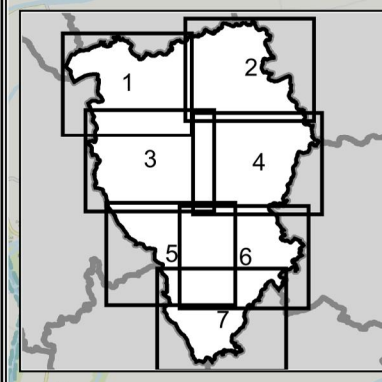
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SIBLE HEDINGHAM

Swan Street Brook

Finchingfield Brook

Little Bardfield Brook

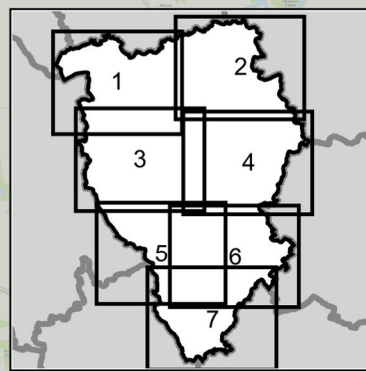
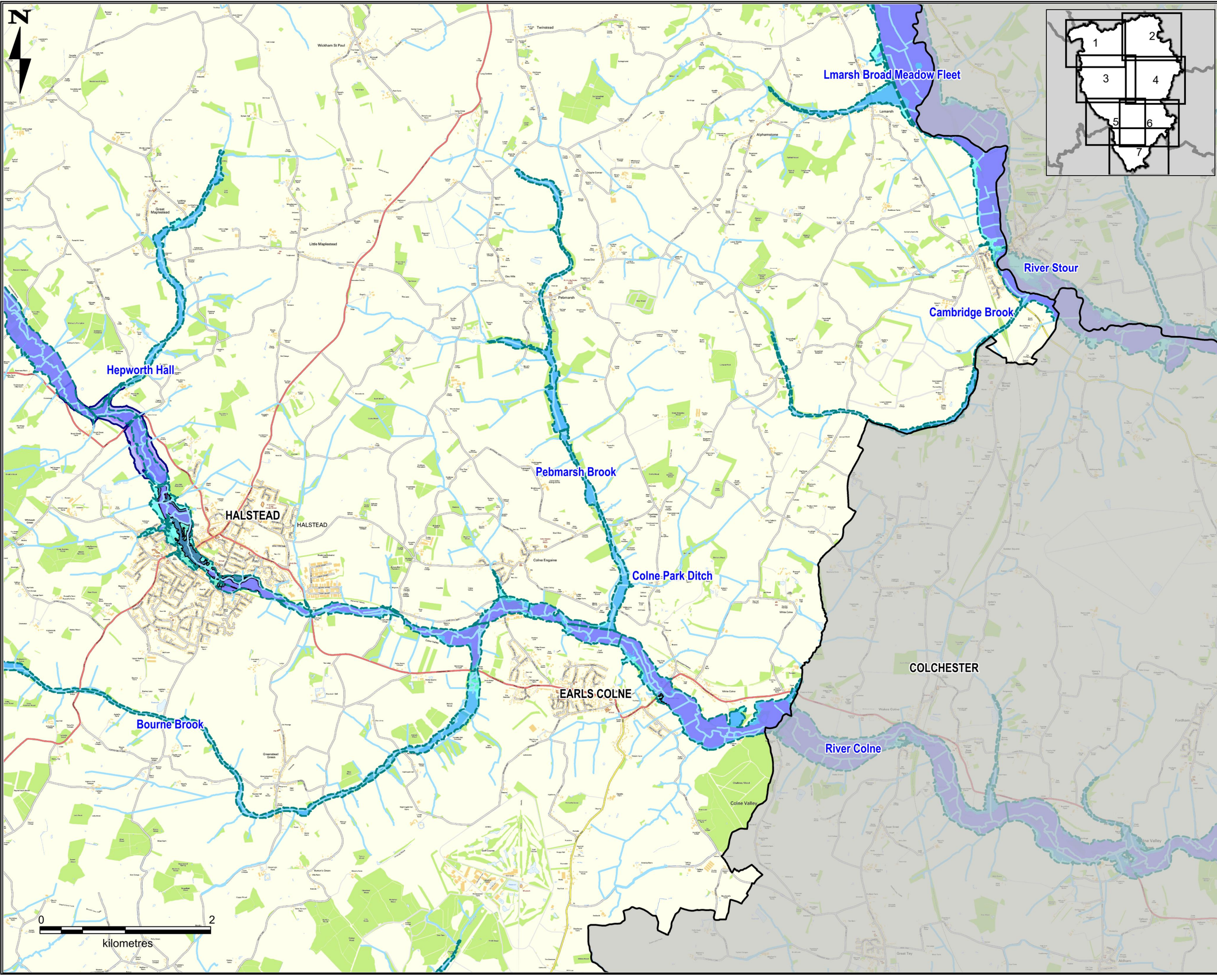
River Pant

Pods Brook

Brook House Brook

Toppesfield Brook

kilometres



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LEGEND

- Administrative Boundaries
- Main River
- Ordinary Watercourse
- Historic Records of Fluvial Flooding
- Flood Defences
- Flood Storage Areas
- Areas Benefiting from Flood Defences

Probability of Flooding from Rivers and the Sea

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Revision Details		Suffix
Purpose of Issue	FINAL	

Client
 Braintree District Council

Project Title
 Braintree Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Zone Maps

Drawn	Checked	Approved	Date
SB	JB	JR	Nov 2016
AECOM Internal Project No. 60478467		Scale at A3 1:40,000	

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FIGURE 2.4	03

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