

Key

- Borough Boundary
- Strategic Development Area
- Opportunity Sites
- Main Rivers
- Flood Zone 3a
- Flood Zone 3a with Climate Change

Note: This figure includes the predicted climate change extents from the River Thames ONLY. The River Beam and River Ingrebourne climate change extents are included in Figures 14b-14f.

Data Sources: The predicted impact of climate change upon the River Thames flood extent is based upon sea level rise allowances.

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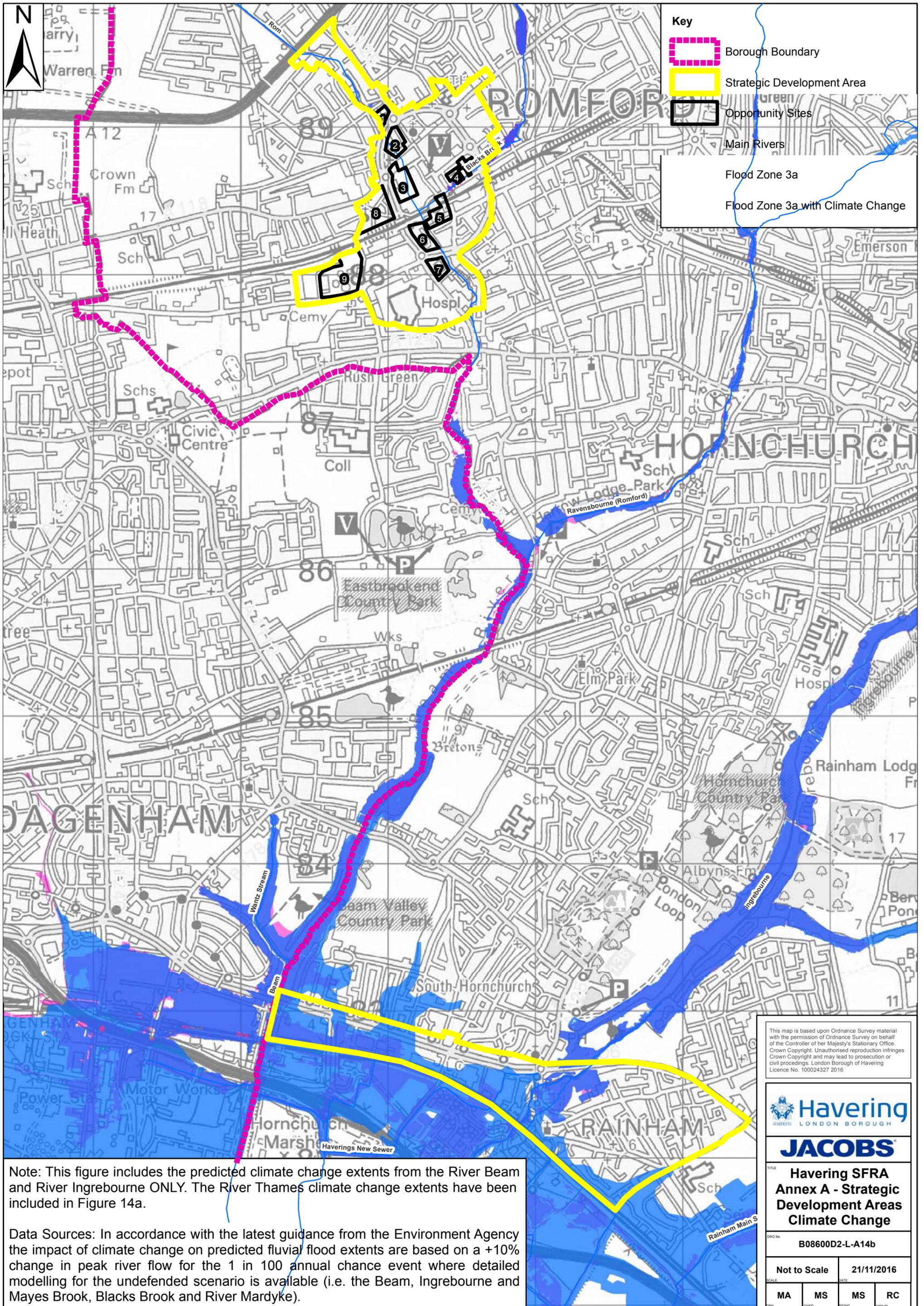


TITLE
Havering SFRA
Annex A - Strategic
Development Areas
Climate Change

DRG No. **B08600D2-L-A14a**

SCALE **Not to Scale** DATE **21/11/2016**

<small>SRN</small>	<small>CHKD</small>	<small>REWD</small>	<small>APRVD</small>
MA	MS	MS	RC



Key

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- Strategic Development Area
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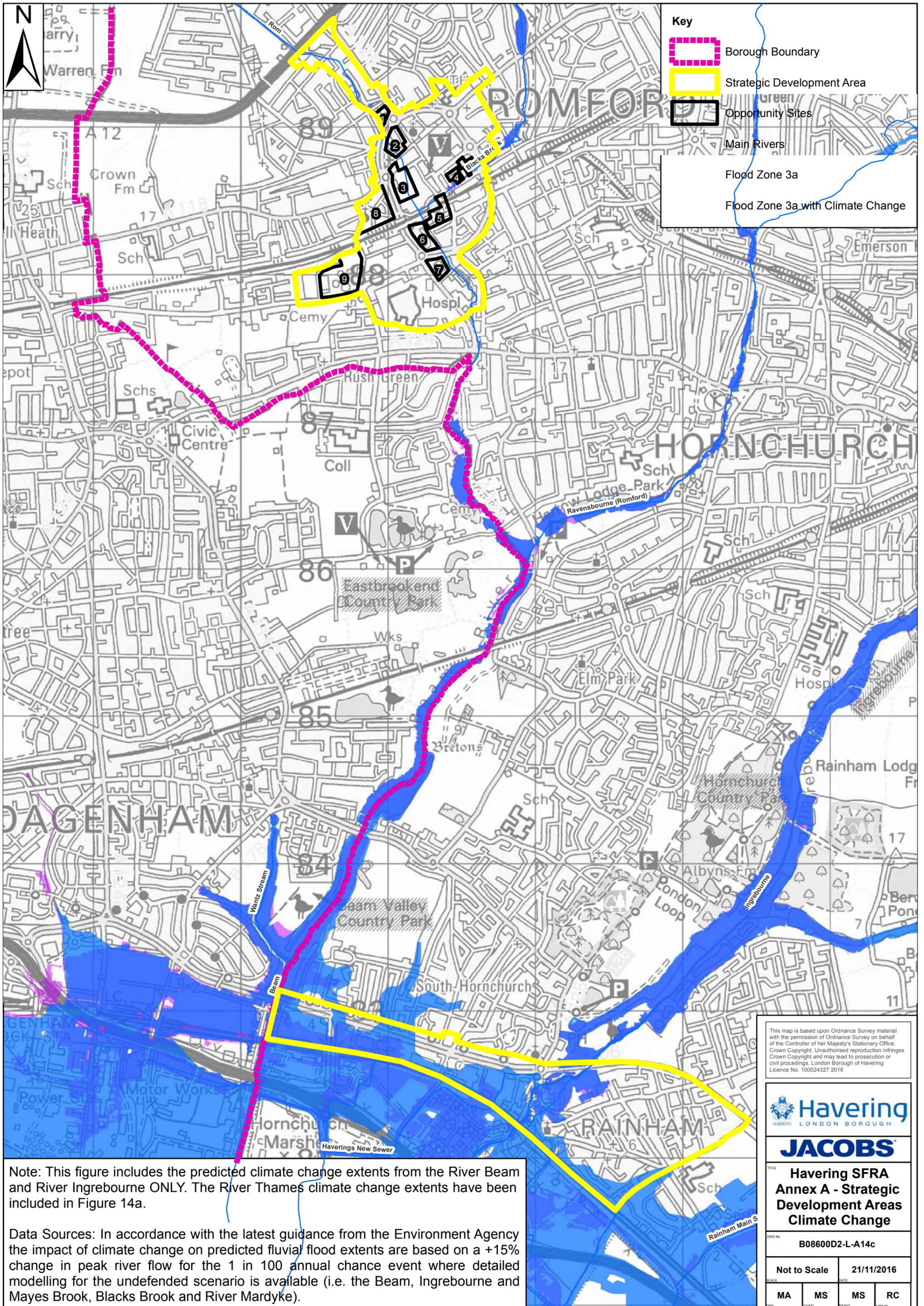
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TITLE			
Havering SFRA Annex A - Strategic Development Areas Climate Change			
DRG No			
B08600D2-L-A14b			
Not to Scale		21/11/2016	
SCALE	DATE	SCALE	DATE
MA	MS	MS	RC
<small>DRN</small>	<small>CHKD</small>	<small>REWD</small>	<small>APRVD</small>

Note: This figure includes the predicted climate change extents from the River Beam and River Ingrebourne ONLY. The River Thames climate change extents have been included in Figure 14a.

Data Sources: In accordance with the latest guidance from the Environment Agency the impact of climate change on predicted fluvial flood extents are based on a +10% change in peak river flow for the 1 in 100 annual chance event where detailed modelling for the undefended scenario is available (i.e. the Beam, Ingrebourne and Mays Brook, Blacks Brook and River Mardyke).



Key

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Note: This figure includes the predicted climate change extents from the River Beam and River Ingrebourne ONLY. The River Thames' climate change extents have been included in Figure 14a.

Data Sources: In accordance with the latest guidance from the Environment Agency the impact of climate change on predicted fluvial flood extents are based on a +15% change in peak river flow for the 1 in 100 annual chance event where detailed modelling for the undefended scenario is available (i.e. the Beam, Ingrebourne and Mays Brook, Blacks Brook and River Mardyke).

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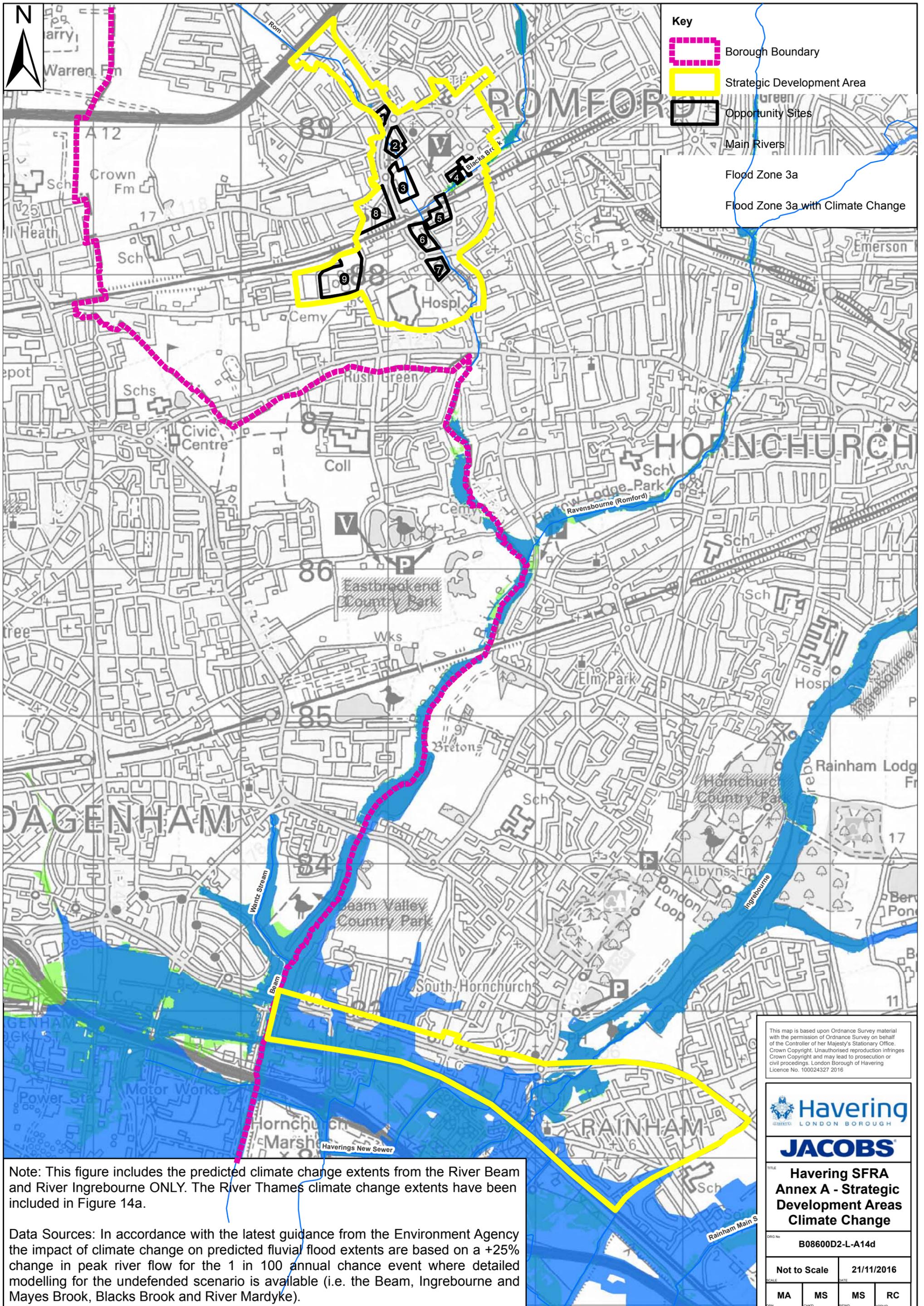


TITLE
Havering SFRA
Annex A - Strategic
Development Areas
Climate Change

DRG No. **B08600D2-L-A14c**

Not to Scale **21/11/2016**

<small>SCALE</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>
MA	MS	MS	RC
<small>DRN</small>	<small>CHKD</small>	<small>REWD</small>	<small>APRVD</small>



Key

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Note: This figure includes the predicted climate change extents from the River Beam and River Ingrebourne ONLY. The River Thames climate change extents have been included in Figure 14a.

Data Sources: In accordance with the latest guidance from the Environment Agency the impact of climate change on predicted fluvial flood extents are based on a +25% change in peak river flow for the 1 in 100 annual chance event where detailed modelling for the undefended scenario is available (i.e. the Beam, Ingrebourne and Mays Brook, Blacks Brook and River Mardyke).

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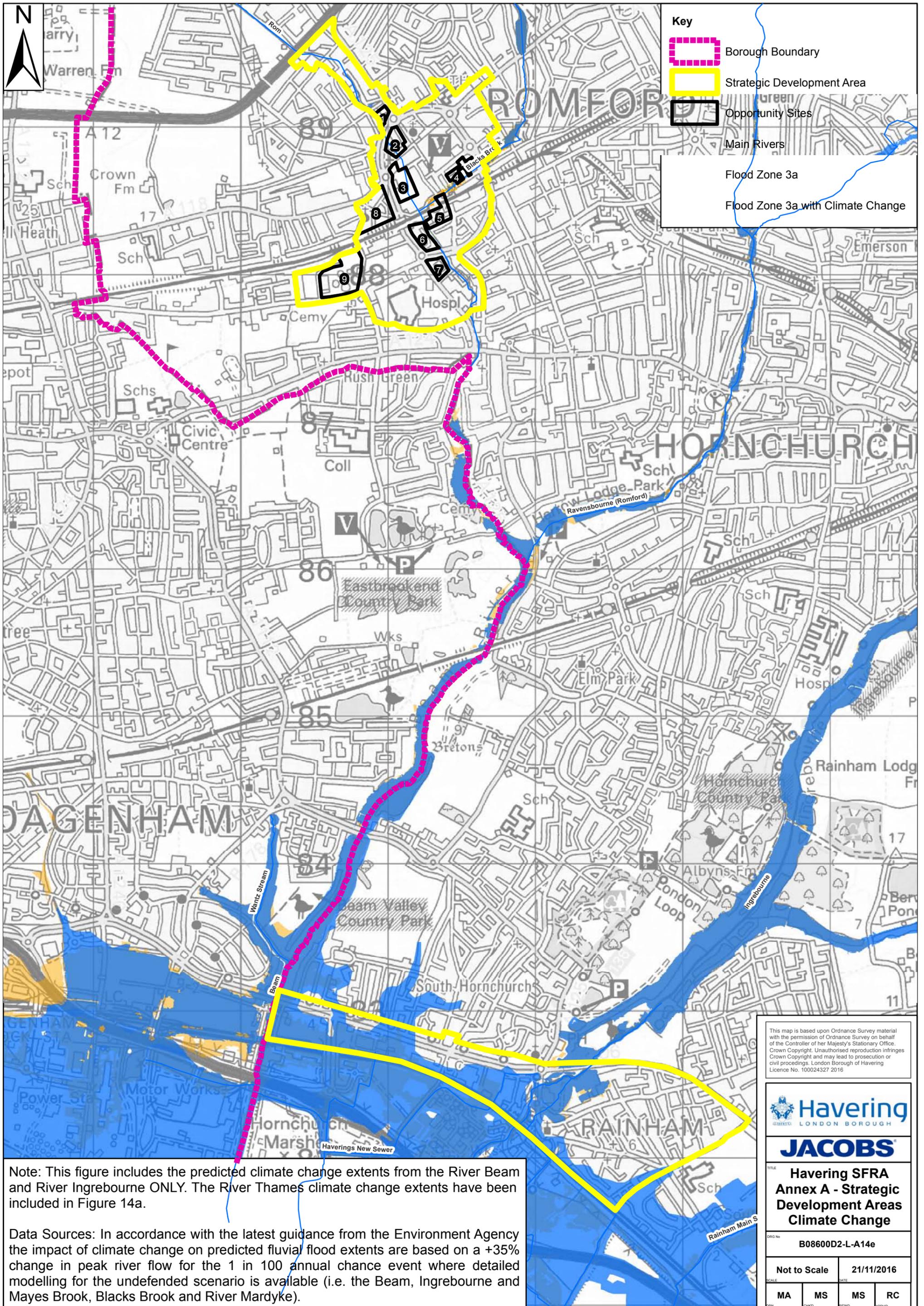
Havering
LONDON BOROUGH

JACOBS

TITLE
Havering SFRA
Annex A - Strategic
Development Areas
Climate Change

DRG No: **B08600D2-L-A14d**

Not to Scale	21/11/2016
SCALE	DATE
MA	MS
SRN	APRVD



Key

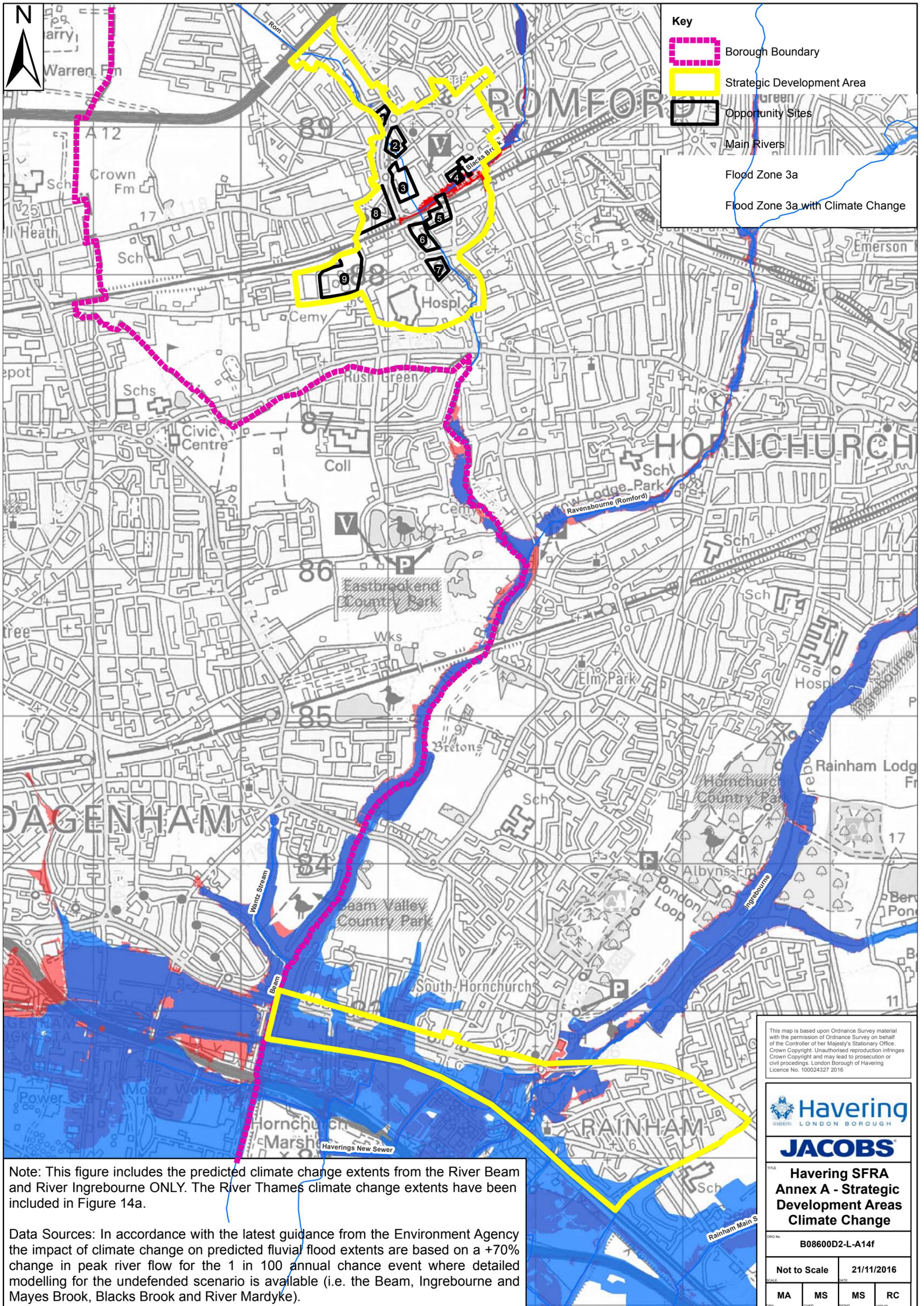
- Borough Boundary
- Strategic Development Area
- Opportunity Sites
- Main Rivers
- Flood Zone 3a
- Flood Zone 3a with Climate Change

Note: This figure includes the predicted climate change extents from the River Beam and River Ingrebourne ONLY. The River Thames climate change extents have been included in Figure 14a.

Data Sources: In accordance with the latest guidance from the Environment Agency the impact of climate change on predicted fluvial flood extents are based on a +35% change in peak river flow for the 1 in 100 annual chance event where detailed modelling for the undefended scenario is available (i.e. the Beam, Ingrebourne and Mays Brook, Blacks Brook and River Mardyke).

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JACOBS			
TITLE Havering SFRA Annex A - Strategic Development Areas Climate Change			
<small>DRG No.</small> B08600D2-L-A14e			
<small>SCALE</small> Not to Scale		<small>DATE</small> 21/11/2016	
<small>MA</small>	<small>MS</small>	<small>MS</small>	<small>RC</small>
<small>DRN</small>	<small>CHKD</small>	<small>REWD</small>	<small>APRVD</small>



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Note: This figure includes the predicted climate change extents from the River Beam and River Ingrebourne ONLY. The River Thames climate change extents have been included in Figure 14a.

Data Sources: In accordance with the latest guidance from the Environment Agency the impact of climate change on predicted fluvial flood extents are based on a +70% change in peak river flow for the 1 in 100 annual chance event where detailed modelling for the undefended scenario is available (i.e. the Beam, Ingrebourne and Mays Brook, Blacks Brook and River Mardyke).

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TITLE: **Havering SFRA Annex A - Strategic Development Areas Climate Change**

DRG No: **B08600D2-L-A14f**

Not to Scale 21/11/2016

MA	MS	MS	RC
DRN	CHKD	REVD	APPRD