

LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

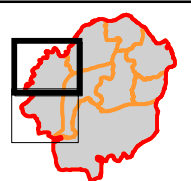
- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Modelled Flood Outlines

- Modelled 1 in 100 year (1 percent AEP)
- Modelled 1 in 20 year (5 percent AEP)

Climate Change modelled Outlines

- Climate Change-70 percent
- Climate Change- 20 percent



Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
- The probability of fluvial flooding is divided into the following categories:
Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Wey defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
- The modelling of the River Thames defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use


This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

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Purpose of Issue

FINAL

Client



Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Modelled Flood Outlines Weybridge (View 1)


Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No. 60565750 **Scale at A3** 1:15,000

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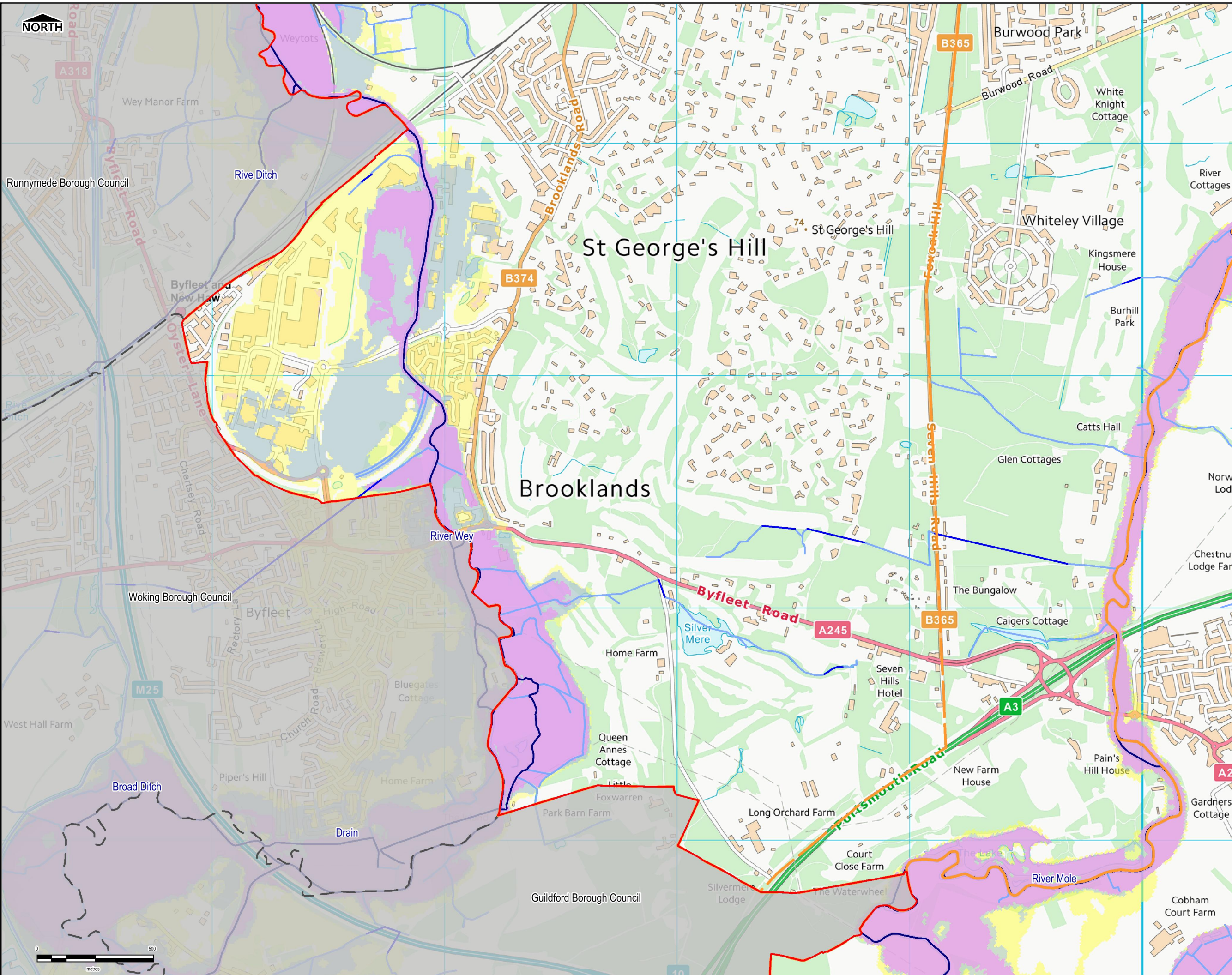
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Telephone 01256 310300



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FIGURE D1	01

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent

Notes

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 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Wey and River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080)

Intended Use
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Purpose of Issue
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Client
 Elmbridge Borough Council

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Weybridge (View 2)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No. 60565750
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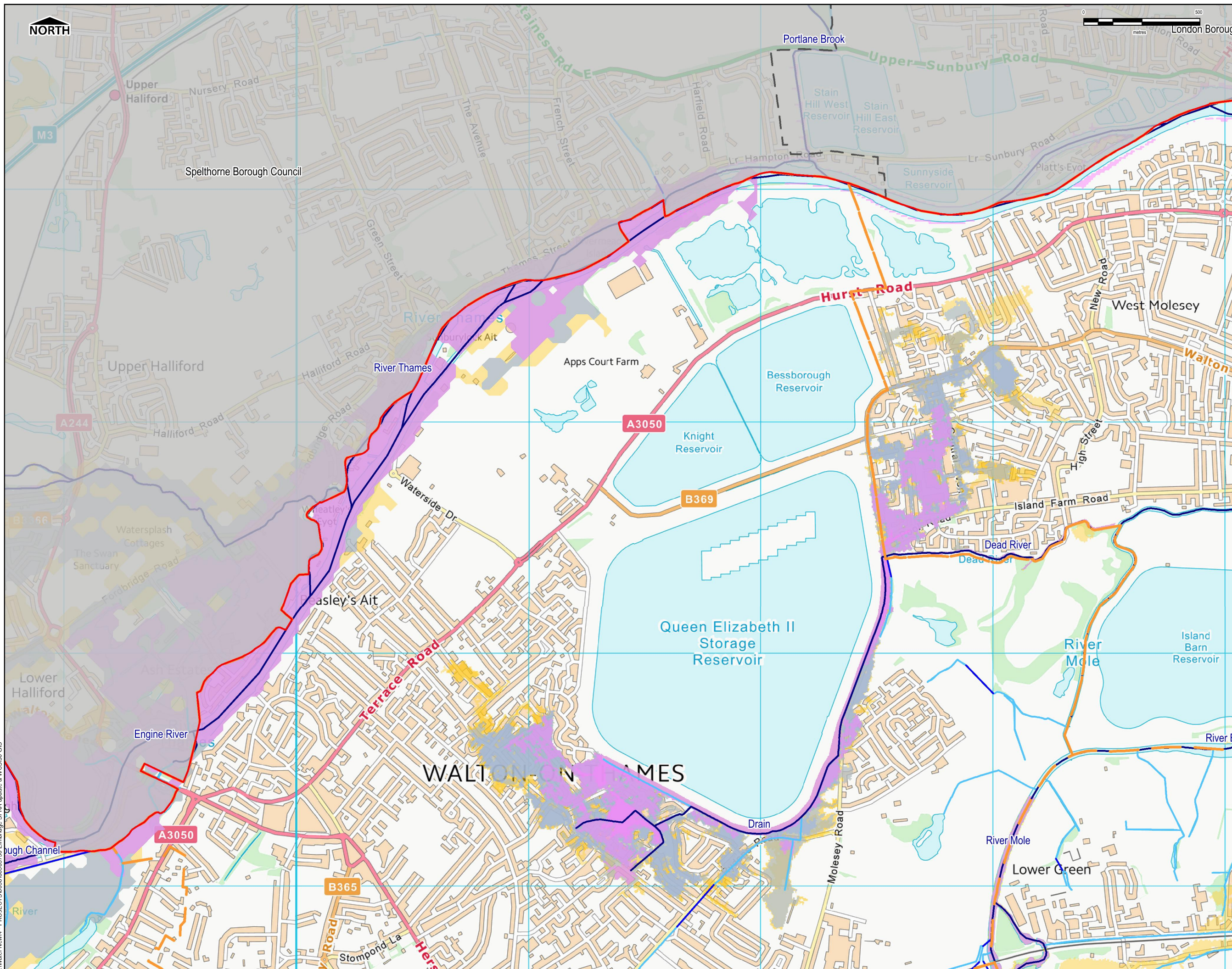
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FIGURE D2	01

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Modelled Flood Outlines

- Modelled 1 in 100 year (1 percent AEP)
- Modelled 1 in 20 year (5 percent AEP)

Climate Change Modelled Outlines

- Climate Change 70 percent
- Climate Change 20 percent

Notes

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 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
- The modelling of the River Thames, Dead River and Lower Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%

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Purpose of Issue

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Client

Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Modelled Flood Outlines Walton on Thames (View 1)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No. 60565750 **Scale at A3** 1:15,000

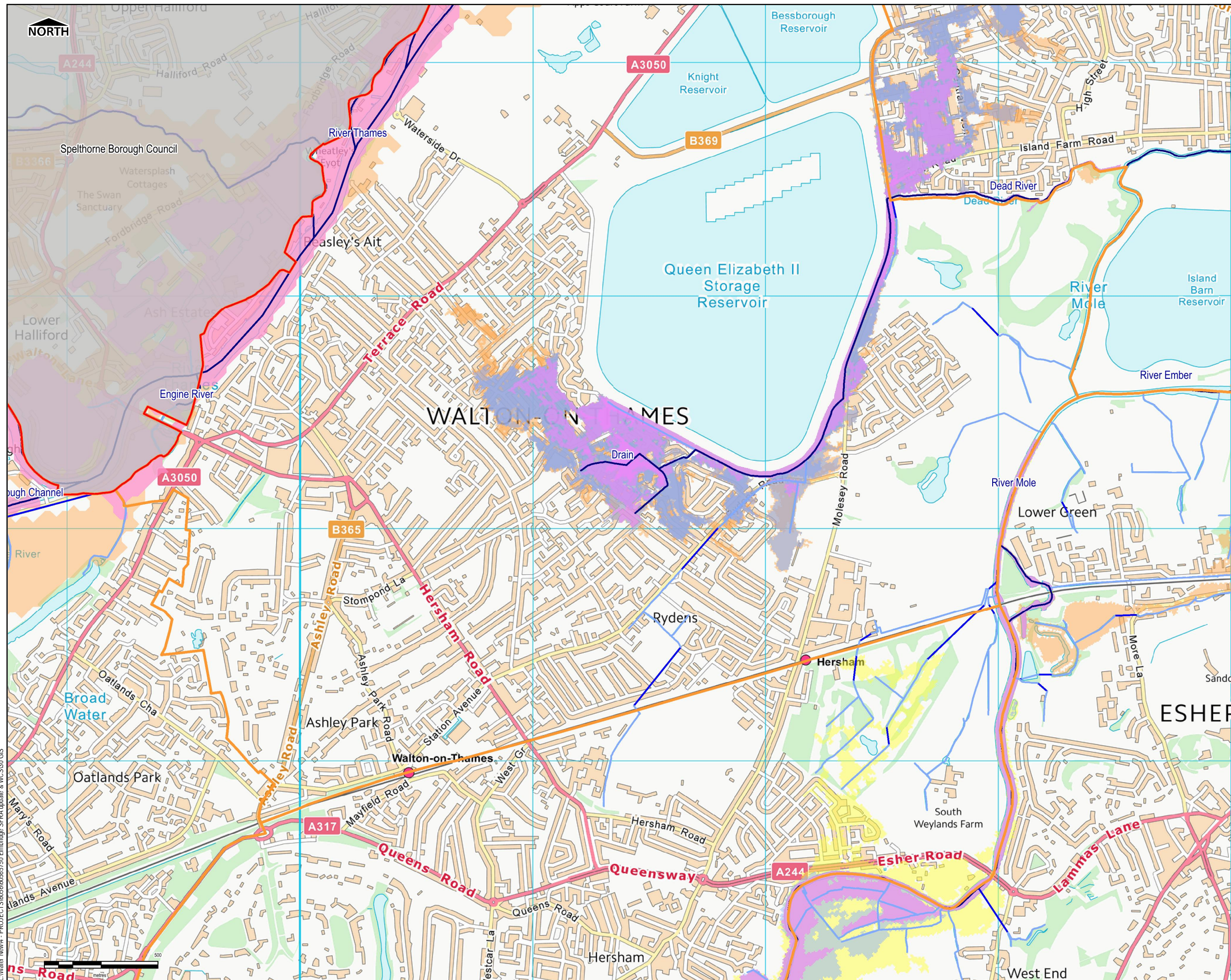
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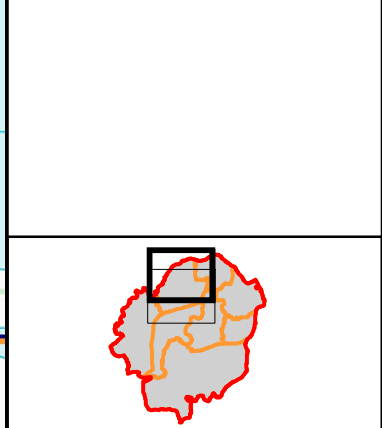
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Drawing Number FIGURE D3 **Rev** 01

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- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main Rivers
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent
 - Climate Change 20 percent



Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
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Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Walton on Thames (View 2)

Drawn HB	Checked SL	Approved SK	Date September 2018
Internal Project No. 60565750		Scale at A3 1:15,000	

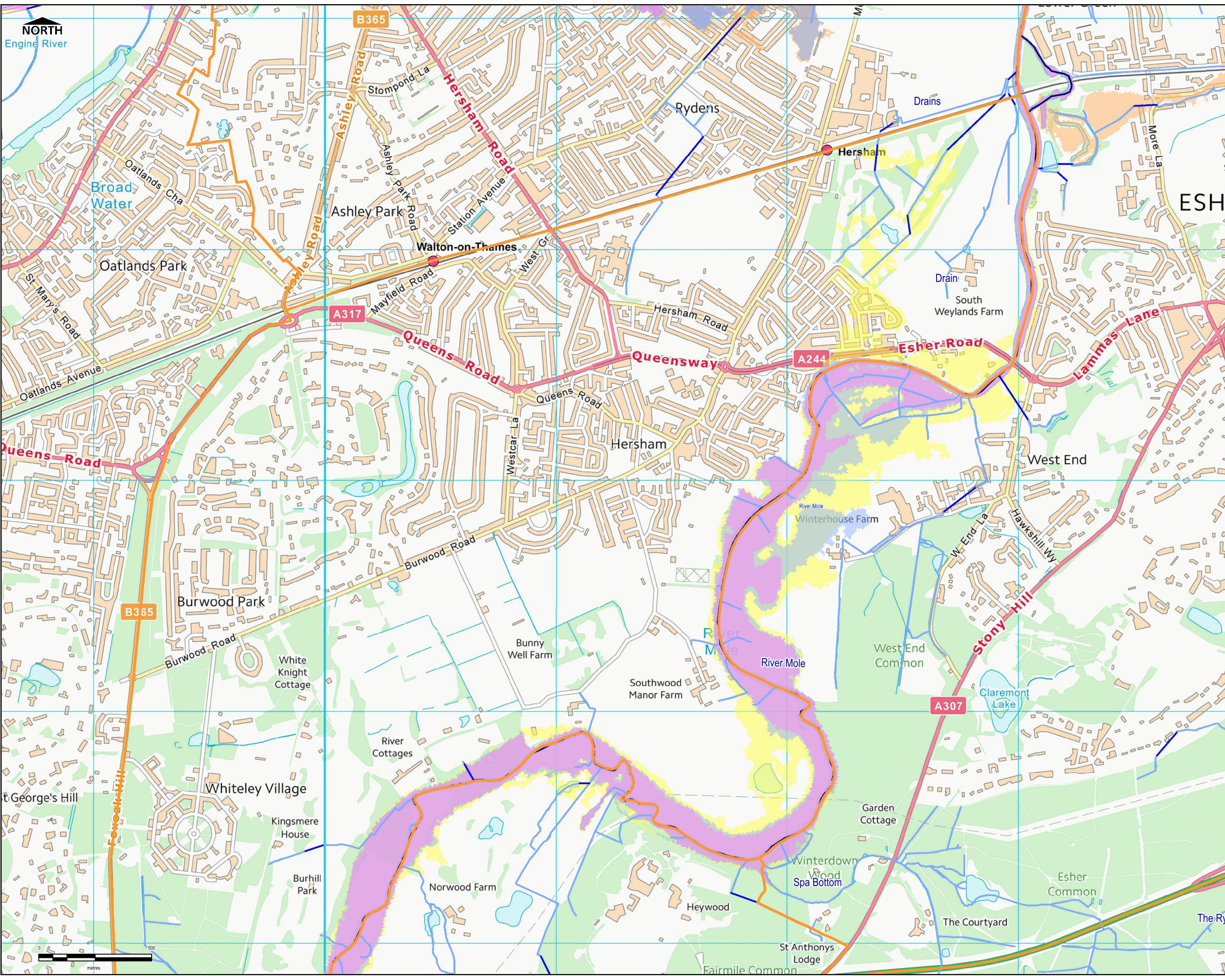
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

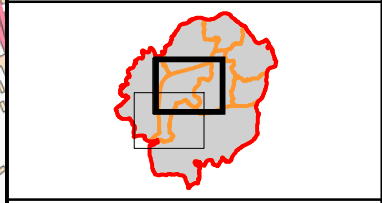
- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Modelled Flood Outlines

- Modelled 1 in 100 year (1 percent AEP)
- Modelled 1 in 20 year (5 percent AEP)

Climate Change Modelled Outlines

- Climate Change- 70 percent
- Climate Change- 20 percent



Notes

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- The modelling of the Dead River and the Lower Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Hersham (View 1)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.	Scale at A3
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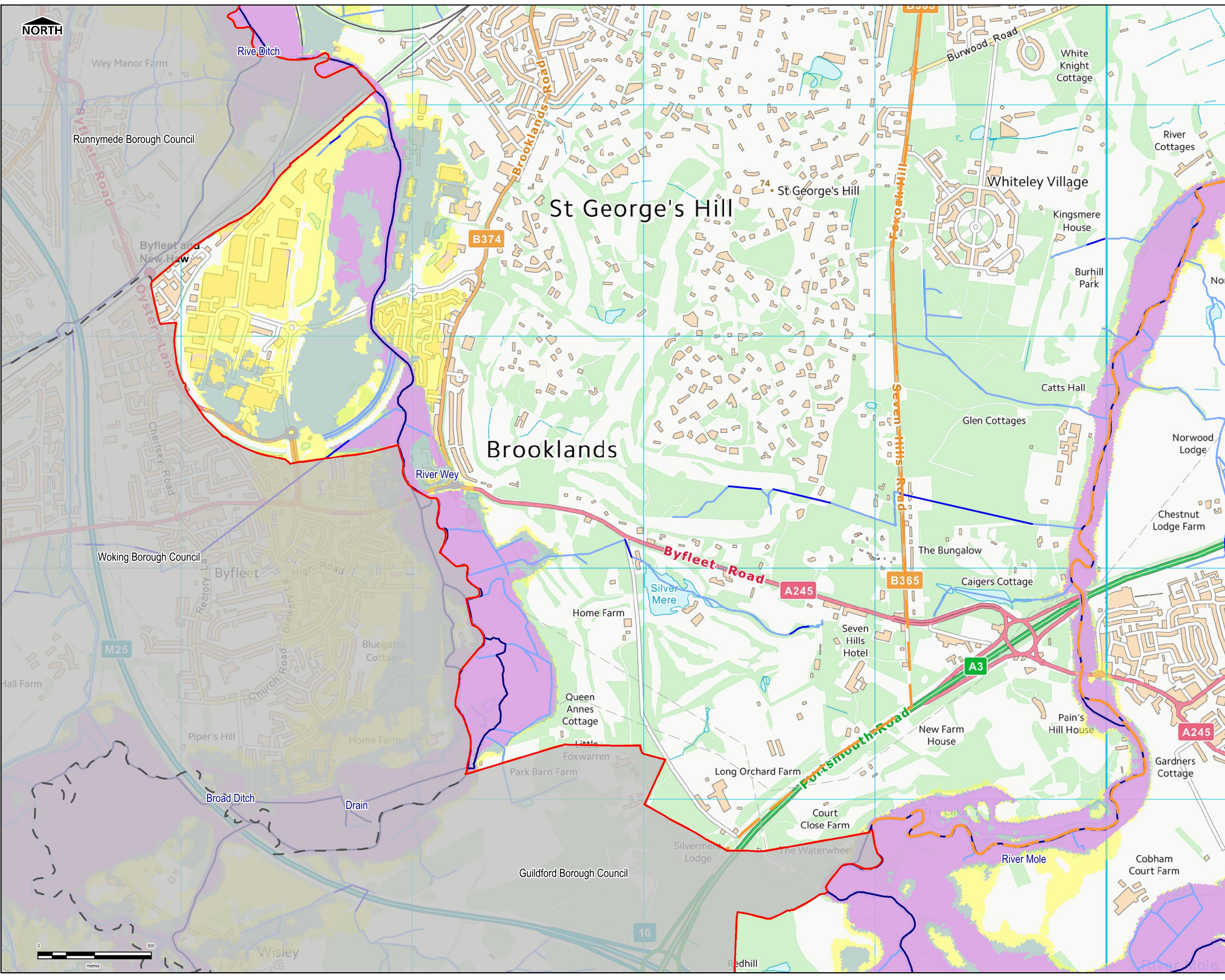
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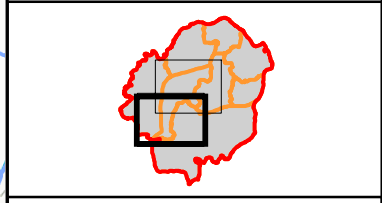
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent



Notes

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Purpose of Issue
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Client
 Elmbridge Borough Council

Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Hersham (View 2)

Drawn	Checked	Approved	Date
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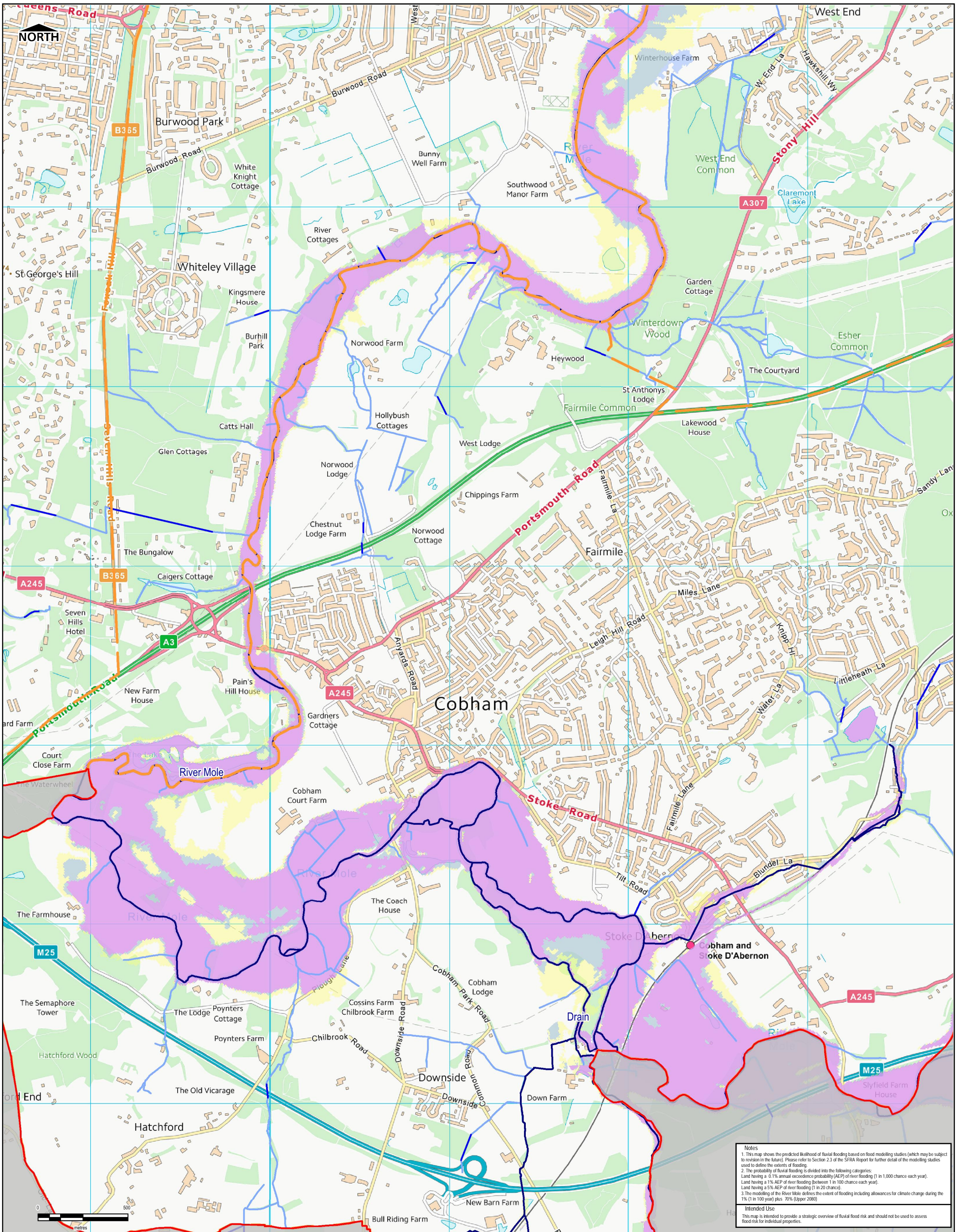
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Drawing Number
 FIGURE D6

Rev
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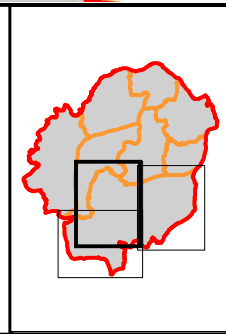
Notes

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- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).

Intended Use

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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 70 percent



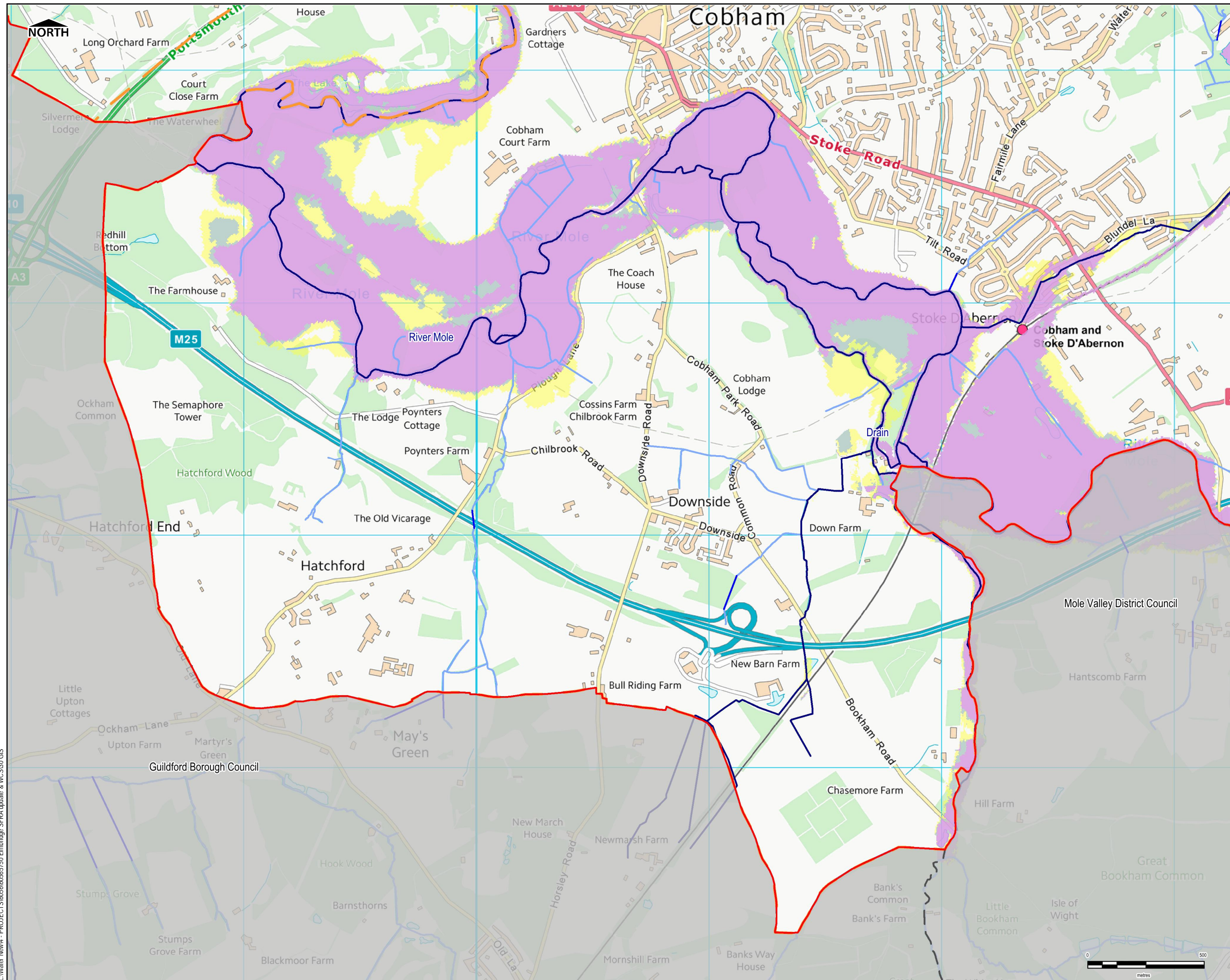
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Checked	SL
Approved	SK
Date	Sept 2018
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Project Title	Elbridge Borough Council Level 1 Strategic Flood Risk Assessment
Drawing Title	Modelled Flood Outlines Cobham, Oxshott, Stoke D'Abernon & Downside (View 1)

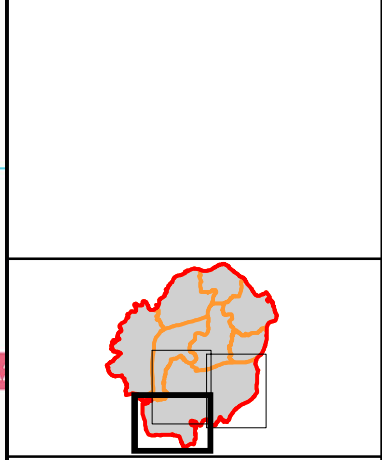
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Drawing Number	FIGURE D7
Rev	01

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent



Notes

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 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).

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Purpose of Issue
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Client

 Elbridge Borough Council
 ...bridging the communities...

Project Title
 Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Cobham (View 2)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.
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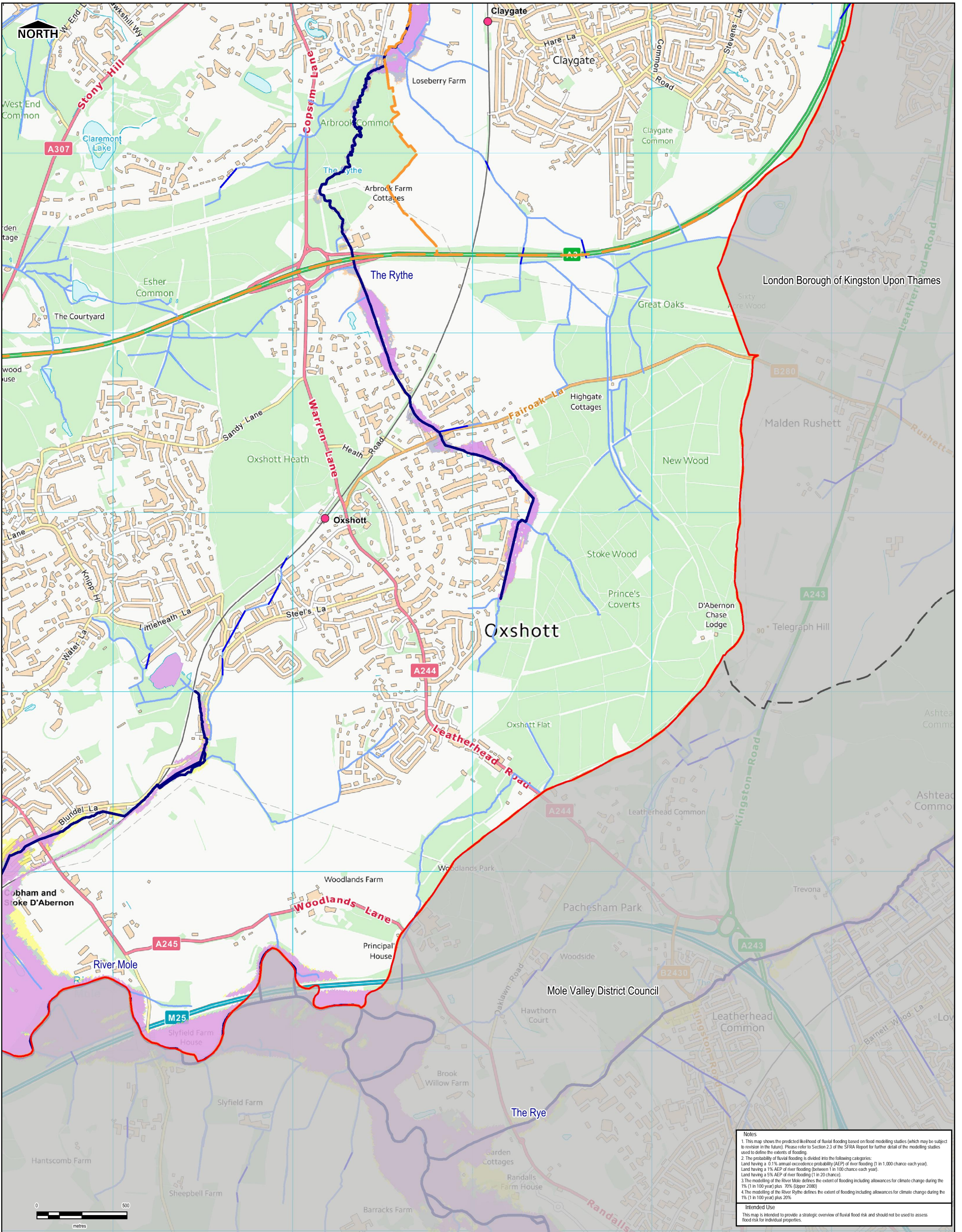
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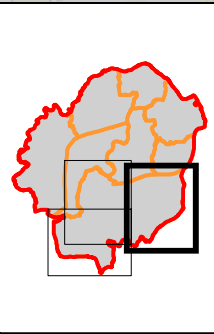


Notes

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- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (upper 20th).
- The modelling of the River Rye defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use
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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 70 percent
	Climate Change 20 percent

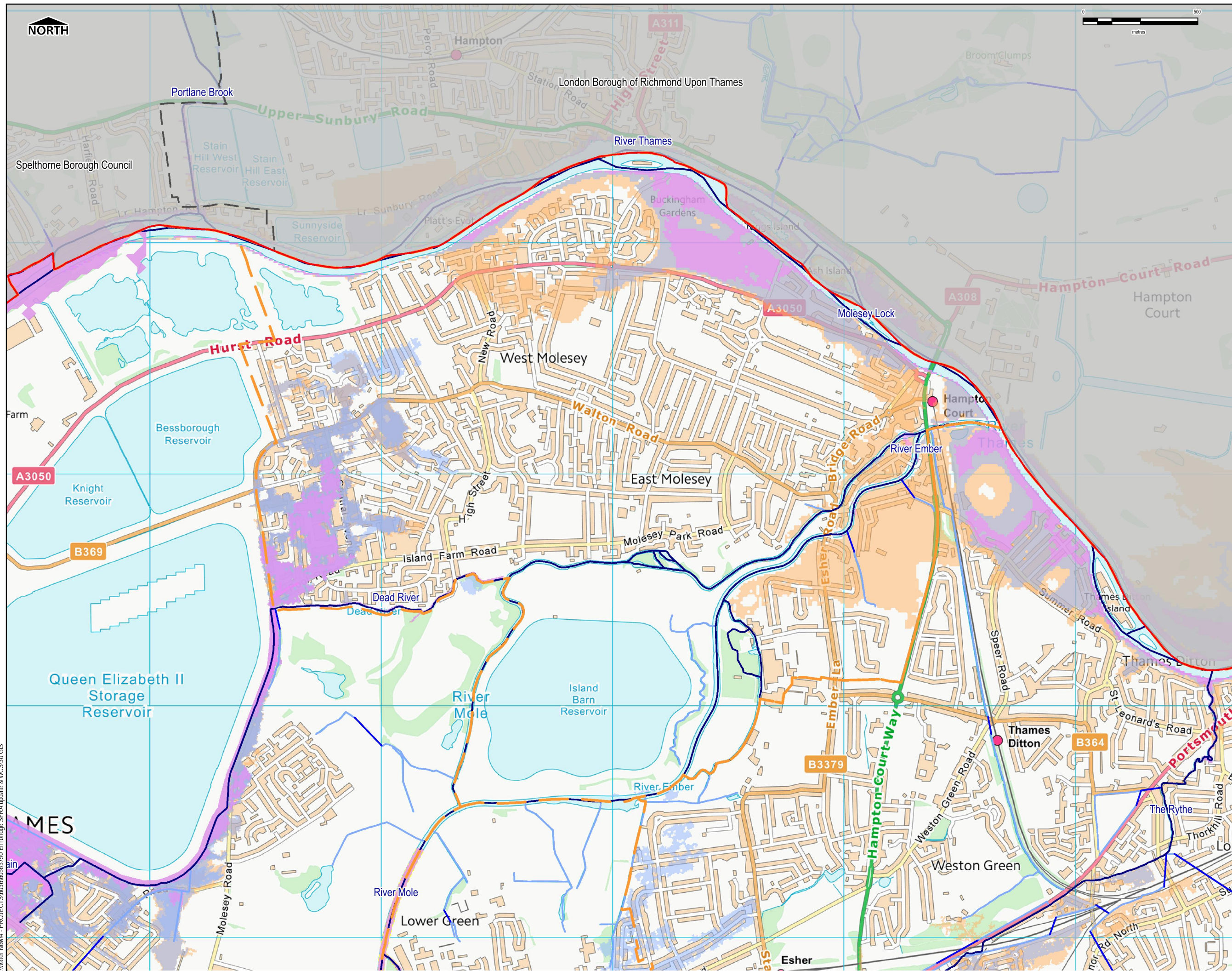


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Project Title	Elbridge Borough Council Level 1 Strategic Flood Risk Assessment
Drawing Title	Modelled Flood Outlines Cobham, Oxshott, Stoke D'abernon & Downside (View 3)

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Drawing Number	FIGURE D9
Rev	01



- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent
 - Climate Change 20 percent



Notes

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- Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
4. The modelling of the River Rythe, River Thames, Lower Mole and Dead River defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

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Purpose of Issue
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Client
Elmbridge Borough Council

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines East and West Molesey

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.
60565750

Scale
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1:15,000

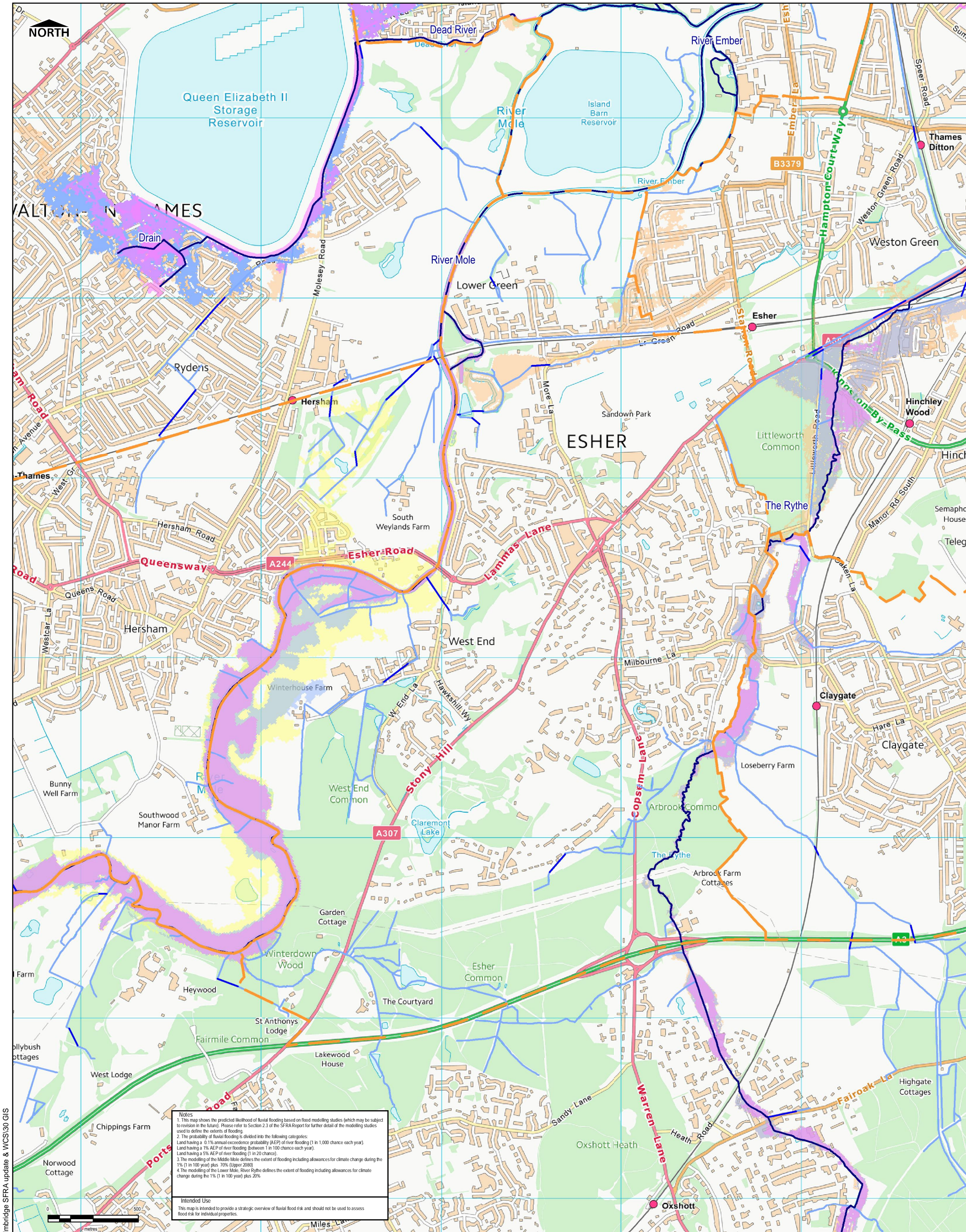
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Drawing Number
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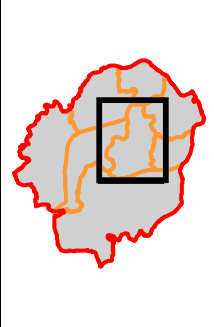
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1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 Land having a 5% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 1% AEP of river flooding (1 in 20 chance).
3. The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2000).
4. The modelling of the Lower Mole, River Rythe defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use
 This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

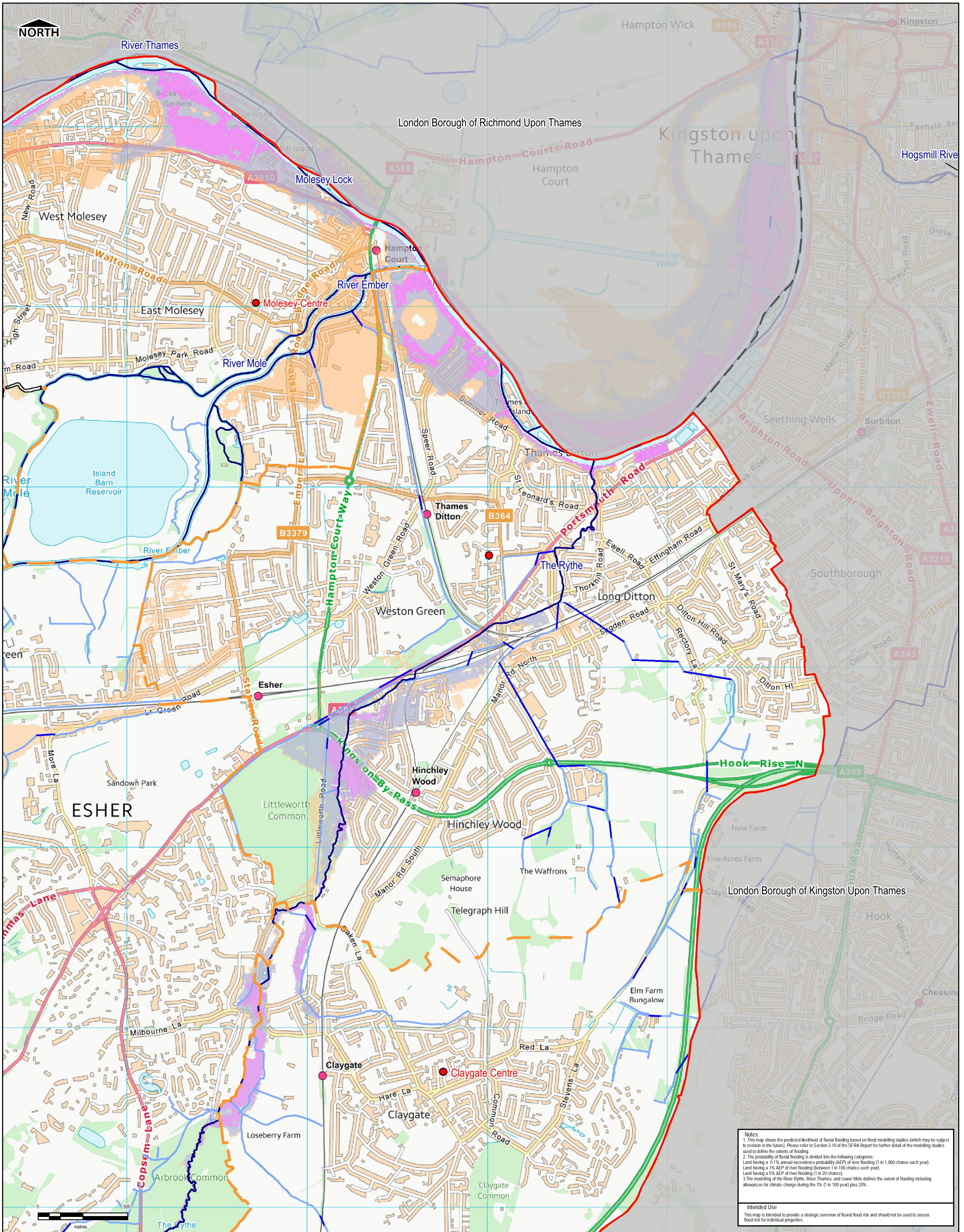
L:\Water New4 - PROJECTS\605656750 Elbridge SFRA update & WCS\30 GIS

LEGEND	
Borough Boundary	Modelled Flood Outlines
LPAS	Modelled 1 in 100 year (1 percent AEP)
Settlement Areas	Modelled 1 in 20 year (5 percent AEP)
Watercourses	
Main River	Climate Change 70 percent
Ordinary Watercourse- Culverted	Climate Change 20 percent
Ordinary Watercourses- Surface	



Purpose of Issue	
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HB	SL
Approved	Date
SK	Sept 2018
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Project Title	
Elbridge Borough Council Level 1 Strategic Flood Risk Assessment	
Drawing Title	
Modelled Flood Outlines	
Esher	
Client	
 Elbridge Borough Council - bridging the communities -	
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Drawing Number	Rev
FIGURE D11	01

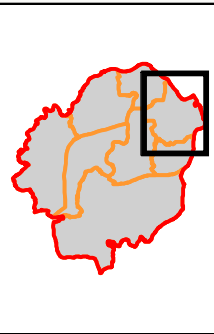


Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 3.10 of the SFRA Report for further detail of the modelling studies used to define the extent of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the River Rythe, River Thames, and River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 years) plus 20%.

Intended Use
 This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
	Elmbridge Primary Rest Centres
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 20 percent



Purpose of Issue	
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CHK	Date
Suffix	

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Drawn	HB	Checked	SL
Approved	SK	Date	Sept 2018

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Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Thames Ditton

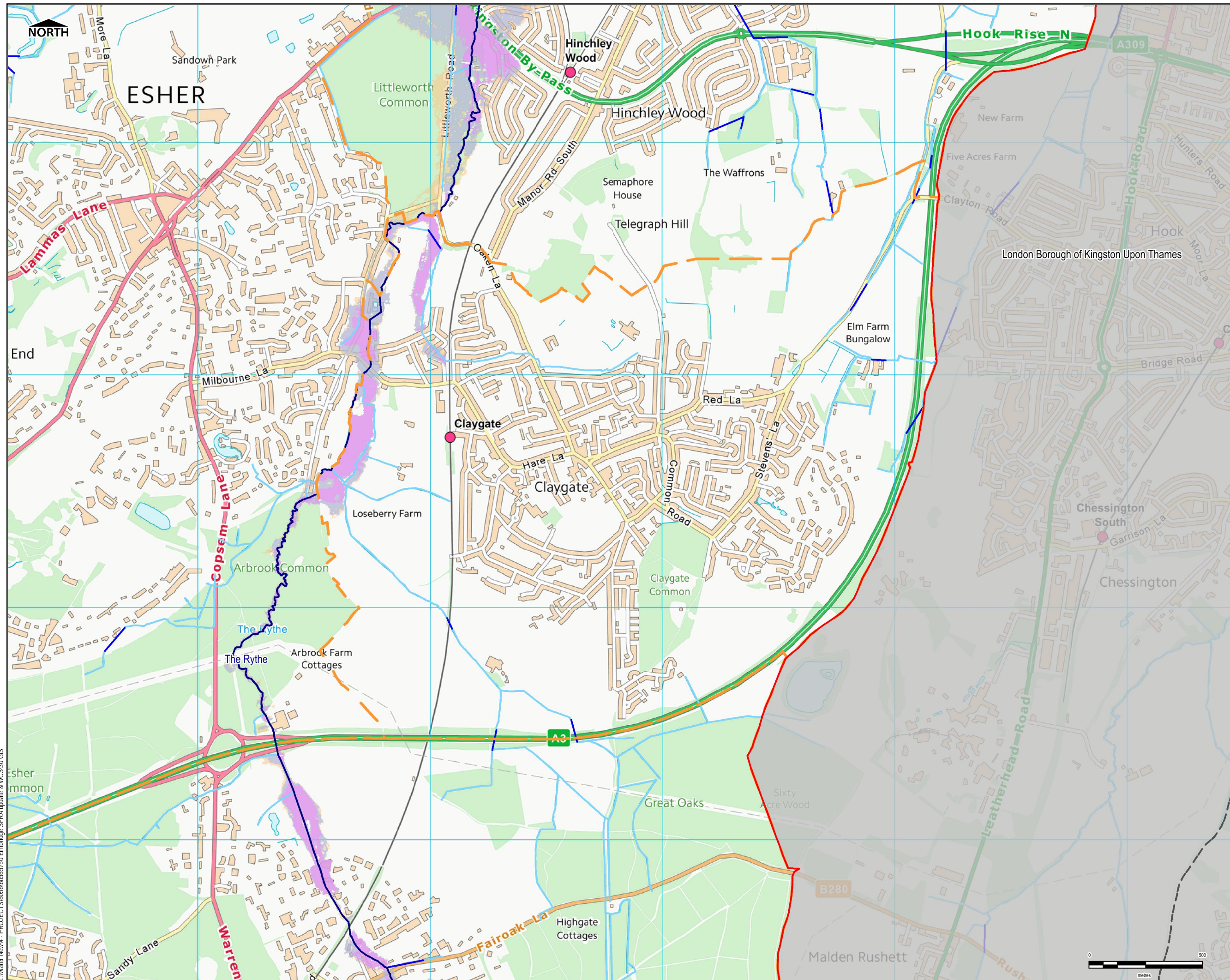
Client
Elmbridge Borough Council
 - bridging the communities -

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Drawing Number
FIGURE D12

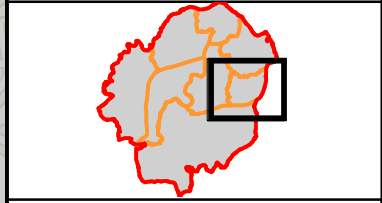
Rev
01



- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main River
 - Ordinary Watercourse- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent

Notes


1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 - Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the River Tythe defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.



Intended Use
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Purpose of Issue
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Client


Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Claygate

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

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