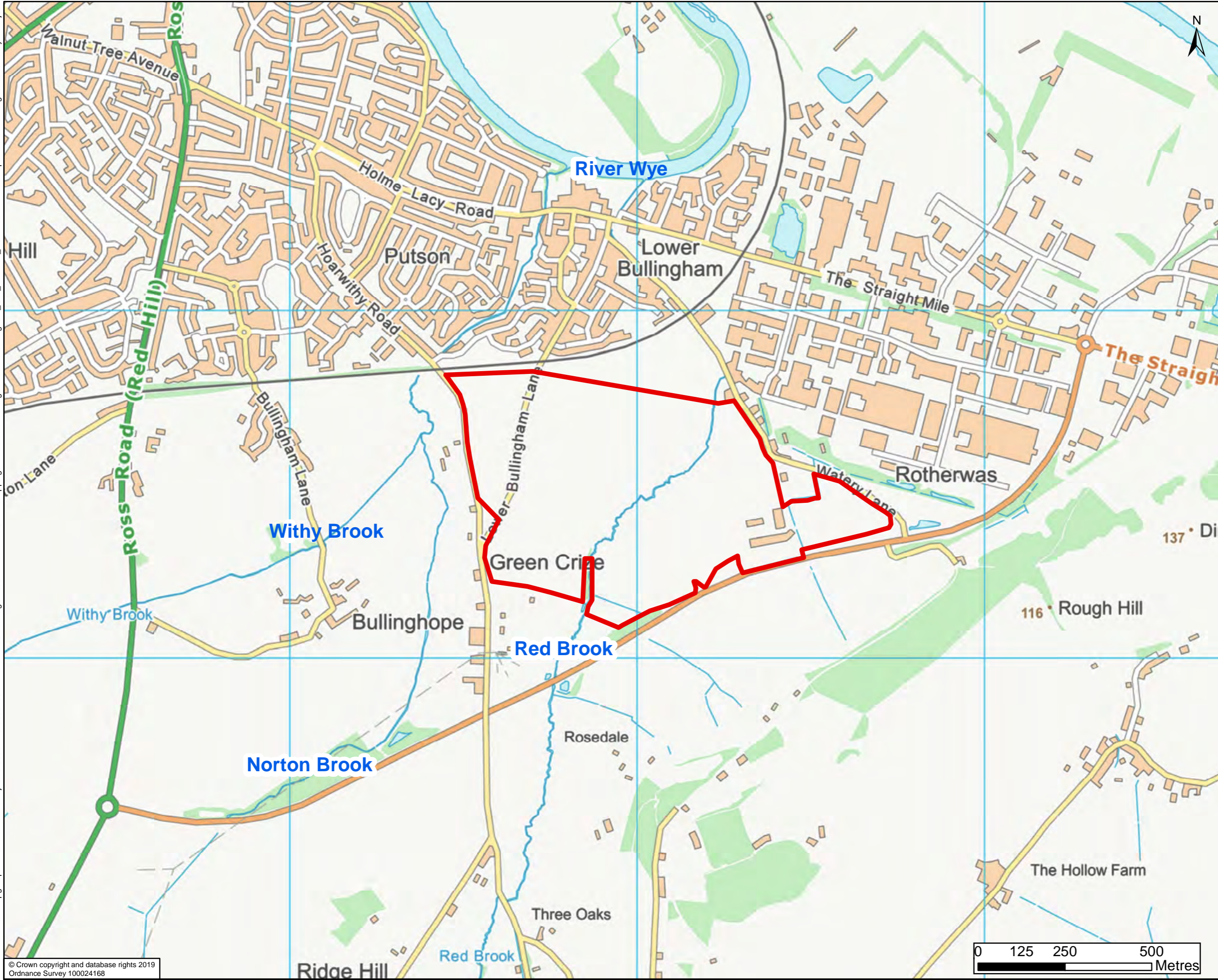


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Site Location

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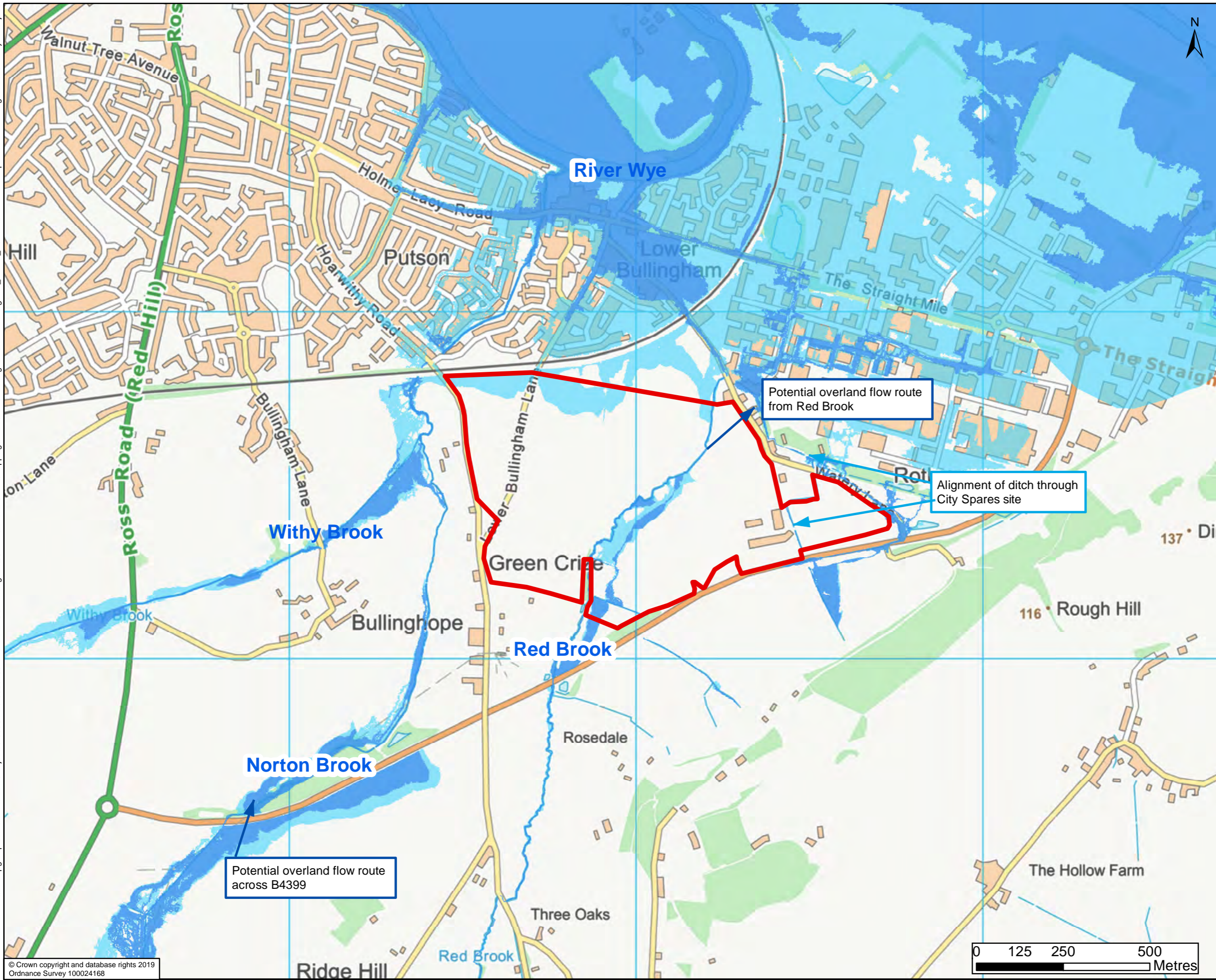
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HEREFORDSHIRE LEVEL 2 SFRA

TITLE:
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- Site Location
- Flood Zone 2
- Flood Zone 3

The mapped Flood Zone 2 and Flood Zone 3 flood extents for the Withy Brook, Norton Brook and Red Brook are taken from the updated fluvial model of the Withy Brook, Norton Brook and Red Brook completed in 2019. The mapped Flood Zone 2 and Flood Zone 3 extents of the River Wye are taken from the EA's Flood Map for Planning as downloaded from www.data.gov.uk in October 2019.

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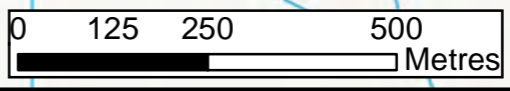
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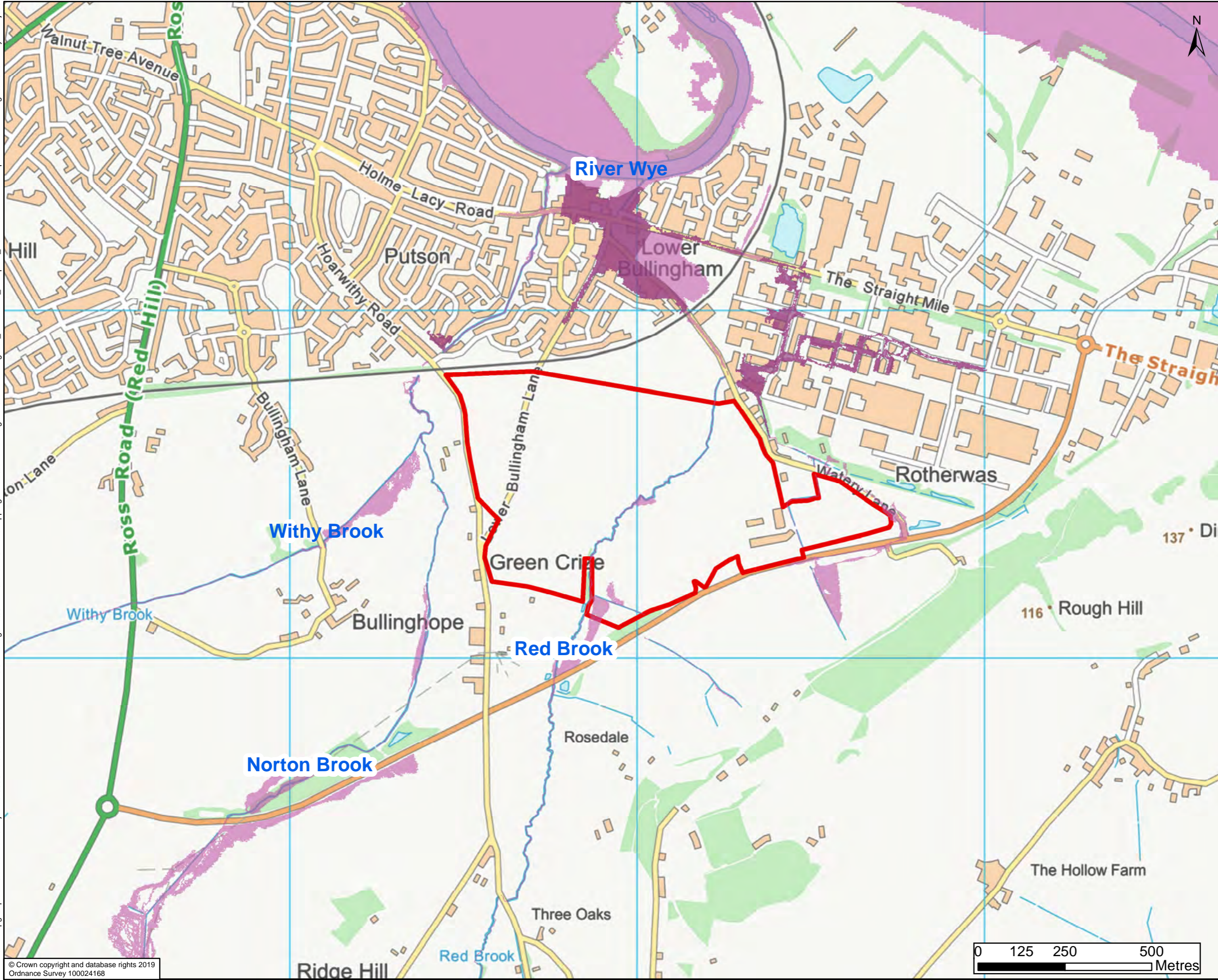
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TITLE: Fluvial Flood Extents - Lower Bullingham

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DATE: 14/08/2020		REV: P02
DRAWING NO: Figure B.2		REV: P02



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- Site Location
- Flood Zone 3b - Urban or Defended
- Flood Zone 3b - Functional Floodplain

Flood Zone 3b is indicative only and indicates areas that may flood during the 1 in 20 (5%) annual probability event, however urban or defended areas are not usually classified as Functional Floodplain. Areas identified to be urban and not considered to be floodplain are based on a review of OS mapping to illustrate indicative extents. The EA's Area Benefiting from Flood Defences and the previous Level 1 SFRA (2009) have been used to inform the Flood Zone 3b - urban or defended areas.

The mapped Flood extents for the Withy Brook, Norton Brook and Red Brook are taken from the updated fluvial model of the Withy Brook, Norton Brook and Red Brook completed in 2019. The mapped flood extents of the River Wye are taken from broadscale JFLOW mapping used in the previous Level 1 SFRA.

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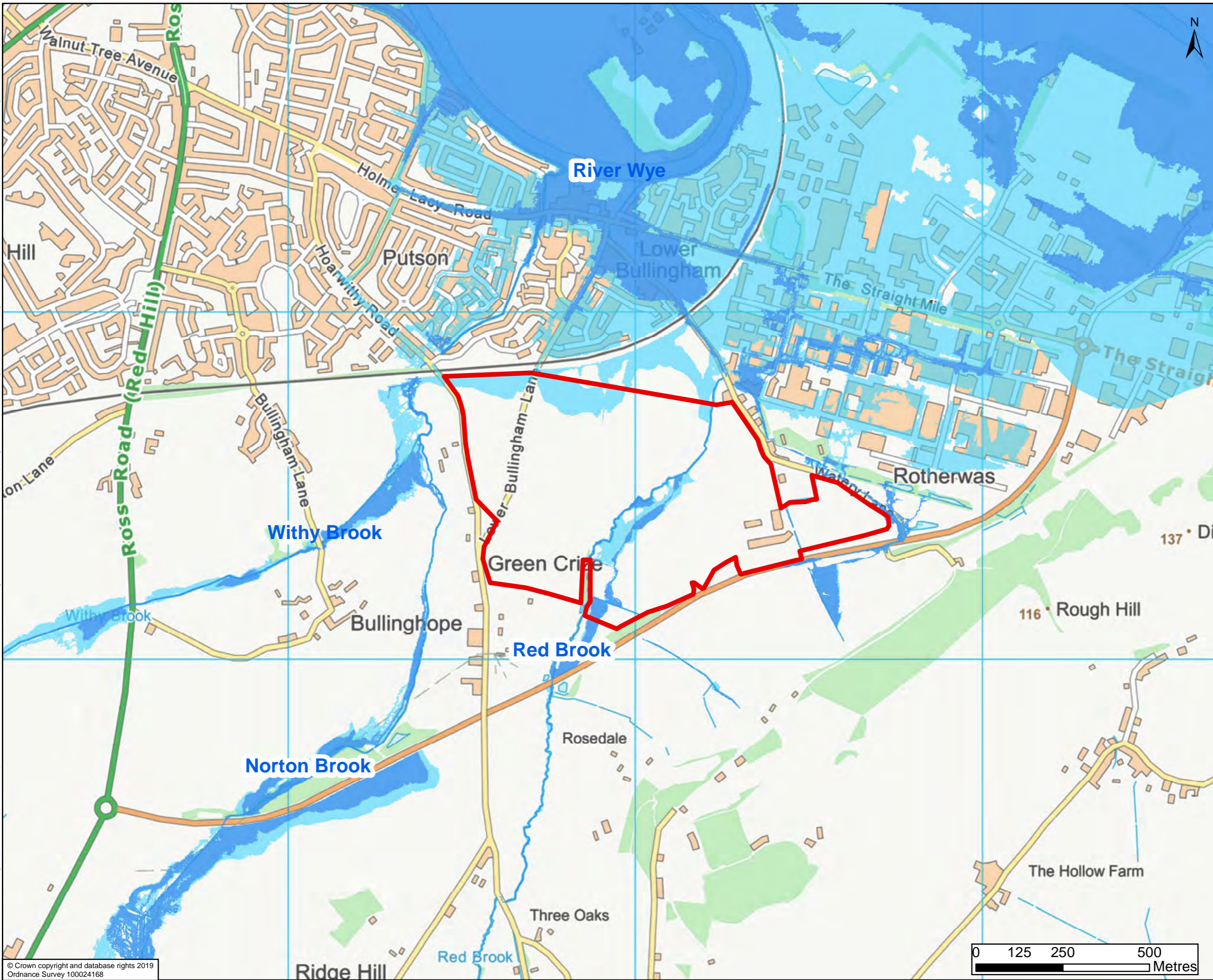
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TITLE: Functional Floodplain Extents - Lower Bullingham

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DRAWING NO: Figure B.3 REV: P01



- Site Location
- 1% (1 in 100) annual probability of fluvial flooding +70CC
- 1% (1 in 100) annual probability of fluvial flooding +35CC

The mapped Flood Zone 2 and Flood Zone 3 flood extents for the Withy Brook, Norton Brook and Red Brook are taken from the updated fluvial model of the Withy Brook, Norton Brook and Red Brook completed in 2019.

The mapped flood extents of the River Wye are taken from the Flood Map for Planning. No modelling of climate change has been undertaken for these watercourses.

The current Flood Zone 2 extent has been used to indicate a 70% increase in peak river flow. The current Flood Zone 3 extent has been used to indicate a 35% increase in peak river flow. However this should be approached with caution.

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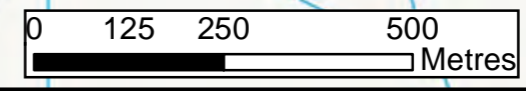
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TITLE: Climate Change Flood Extents - Lower Bullingham

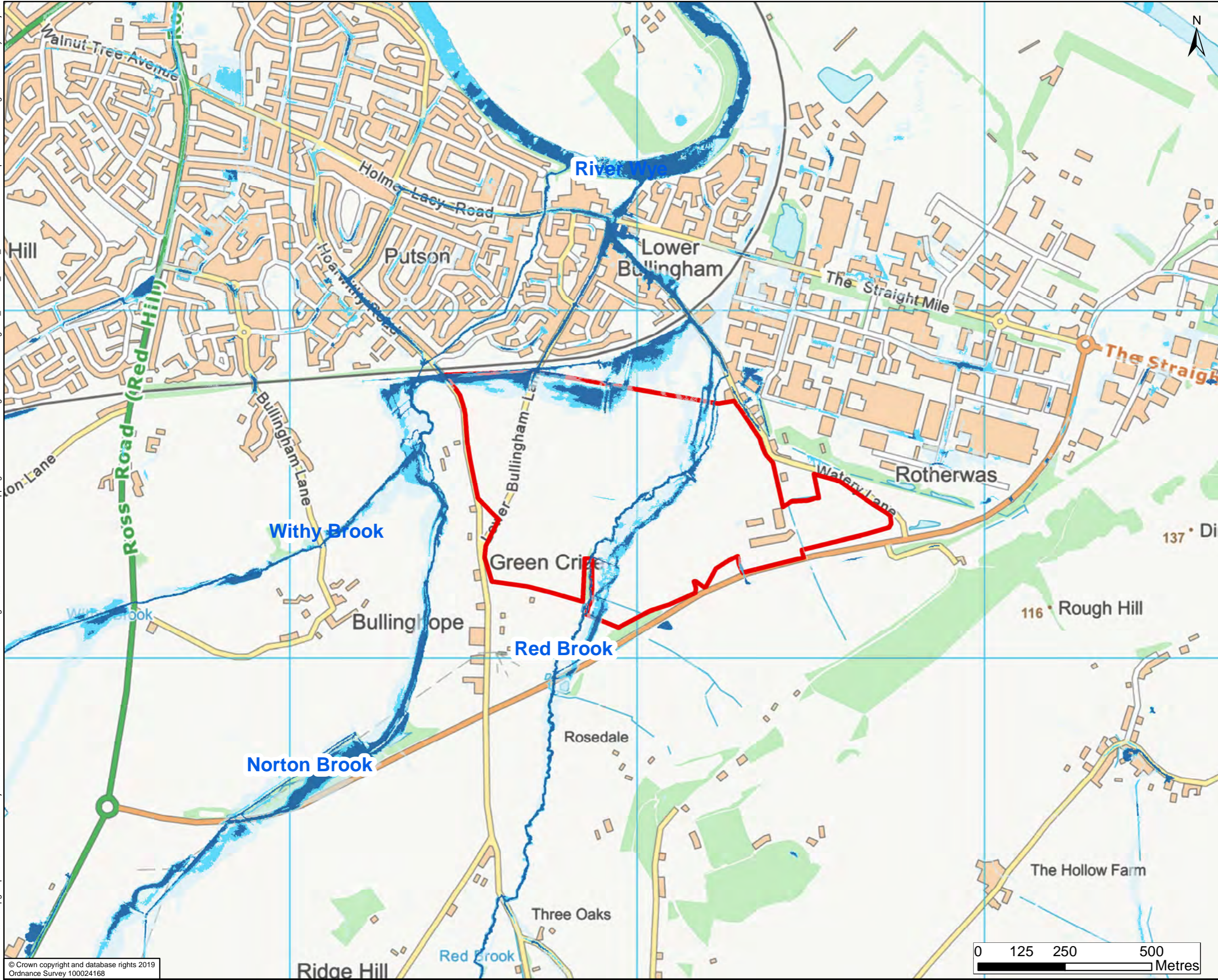
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DRAWING NO: Figure B.4	REV: P01
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- Site Location
- Low Risk
- Medium Risk
- High Risk

The mapped risk of flooding from surface water flood extents were downloaded from www.data.gov.uk in October 2019.

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TITLE: Surface Water Flood Extents - Lower Bullingham

SCALE @ A3: 1:10,000	CHECKED: SH	APPROVED: JG
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DRAWING NO: Figure B.5	REV: P01
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