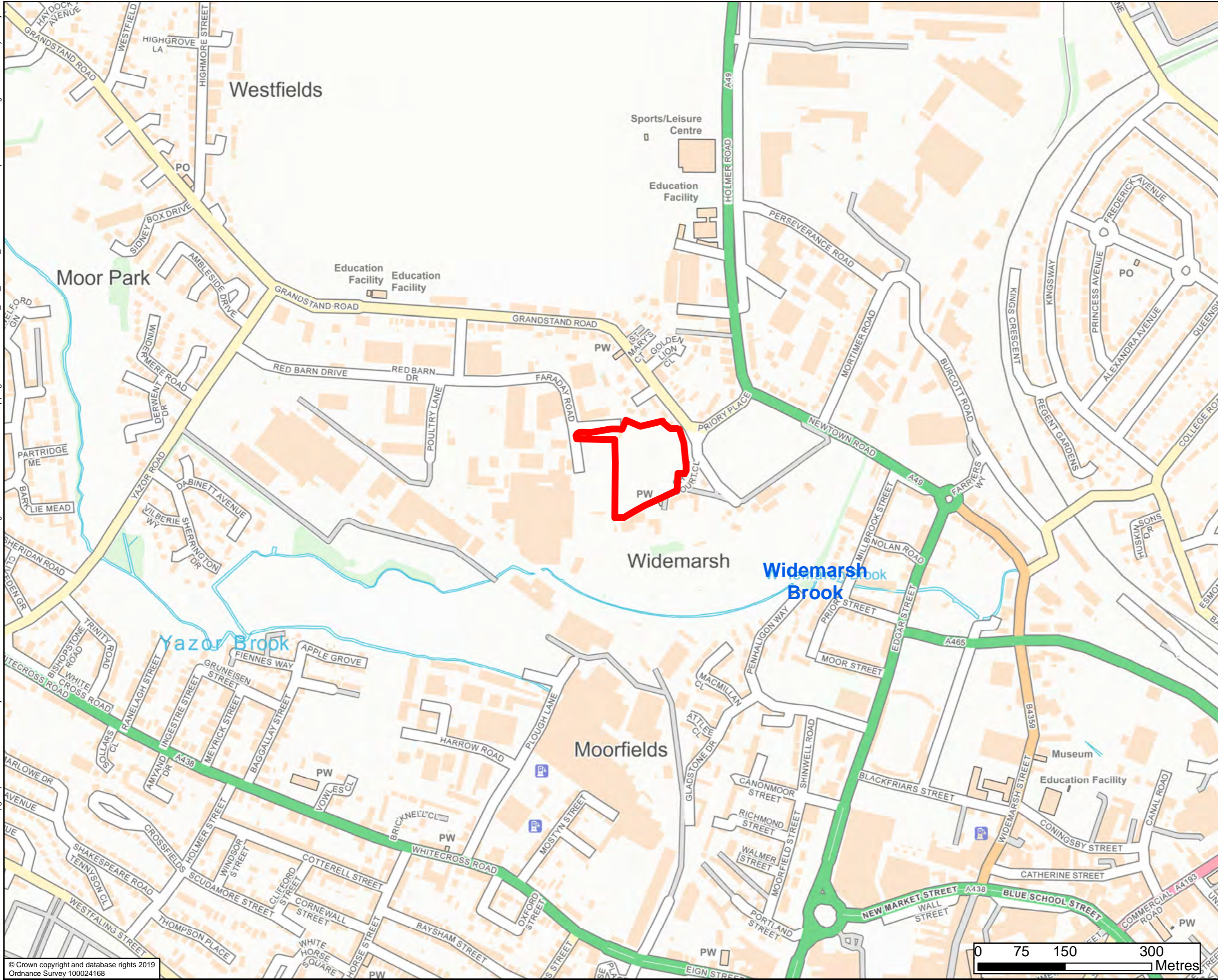


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Site Location

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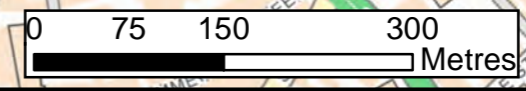
CLIENT:  
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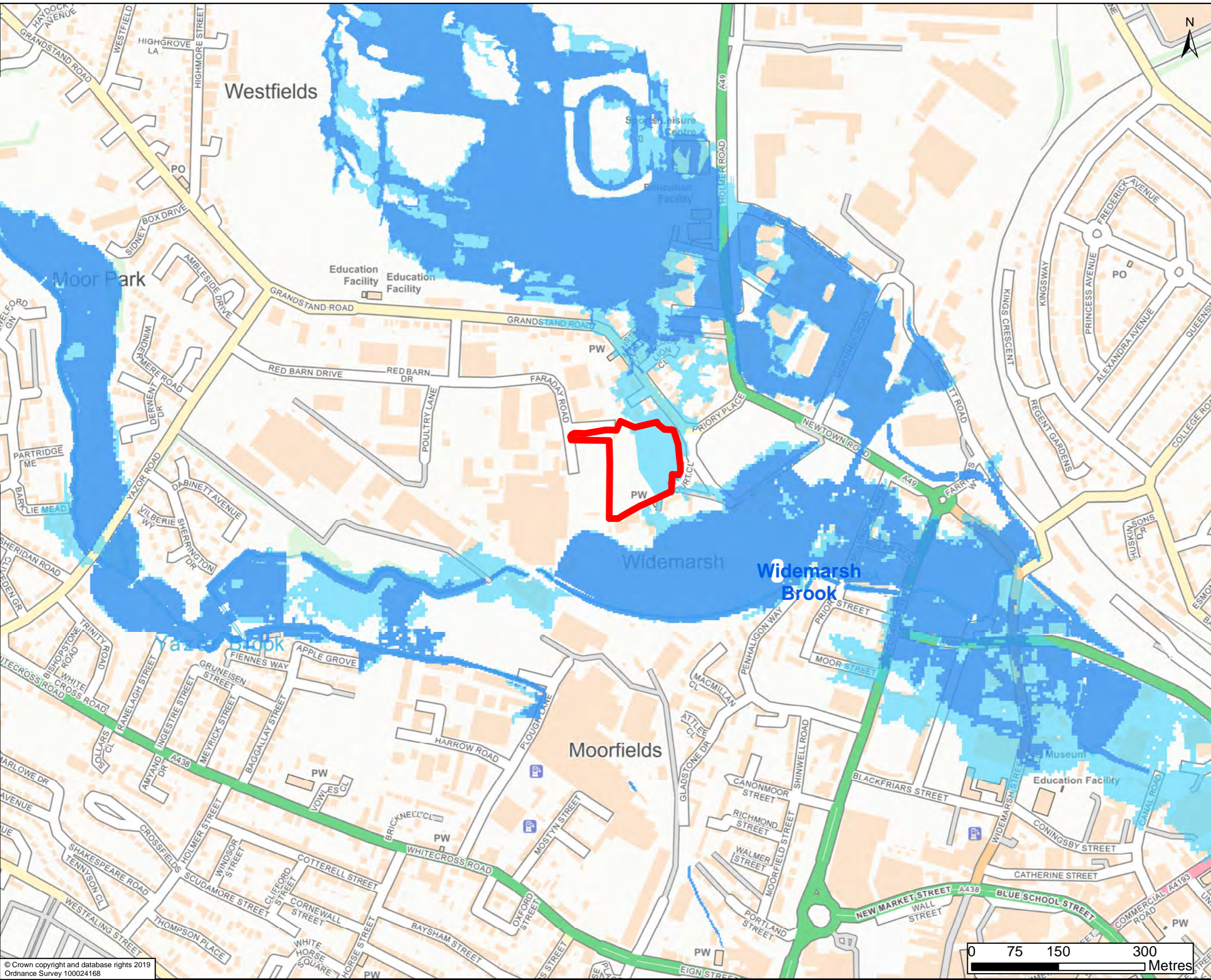
SITE/PROJECT: HEREFORDSHIRE LEVEL 2 SFRA

TITLE: Site Location Plan - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG
DRAWING No: Figure G.1		DATE: 12/08/2020
REV: P01		

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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 Widemarsh Brook are taken from the updated fluvial model of the Yazor Brook and its downstream bifurcations completed in 2019, with the Yazor Brook FAS not in operation. The mapped Flood Zone 2 and Flood Zone 3 extents of the Ayles Brook are taken from the EA's Flood Map for Planning as downloaded from www.data.gov.uk in October 2019.

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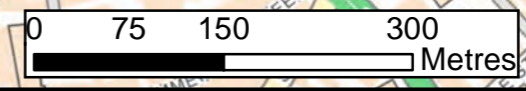

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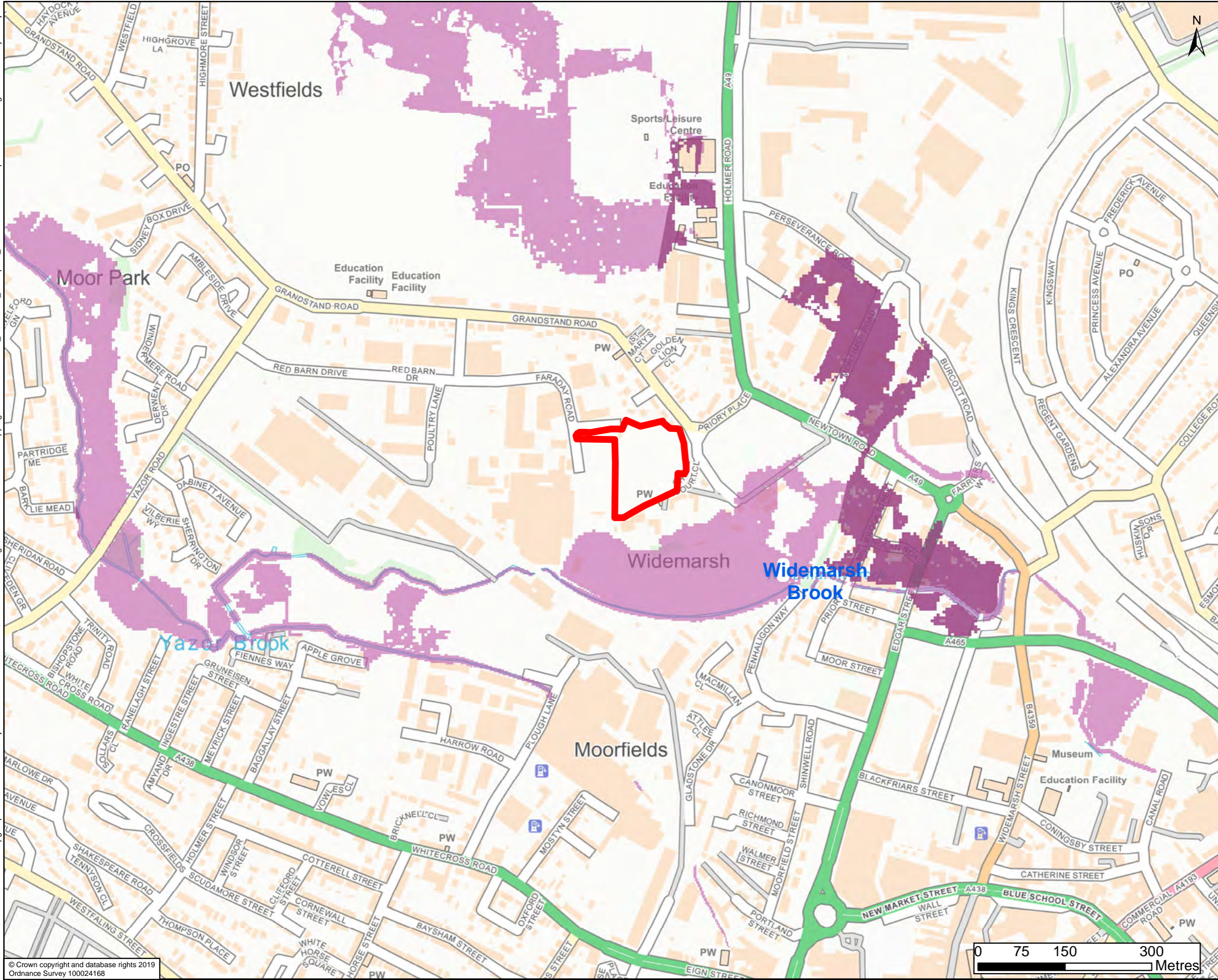
TITLE: Fluvial Flood Extents - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG
DATE: 12/08/2020		

DRAWING No: Figure G.2 REV: P02



File name: \\uk.wspgroup.com\central\data\projects\70056468\Hereford ICS Package H103 WIP\Level 2 SFRA\Mapping\MxDs\Thr34\Floodplain_P01.mxd
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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 Widemarsh Brook are taken from the updated fluvial model of the Yazor Brook and its downstream bifurcations completed in 2019, with the Yazor Brook FAS not in operation. The mapped flood extents of the Ayles Brook are taken from broadscale JFLOW mapping used in the previous Level 1 SFRA.

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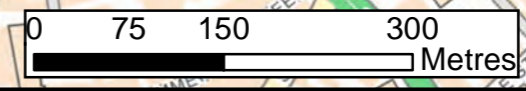
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SITE/PROJECT: HEREFORDSHIRE LEVEL 2 SFRA

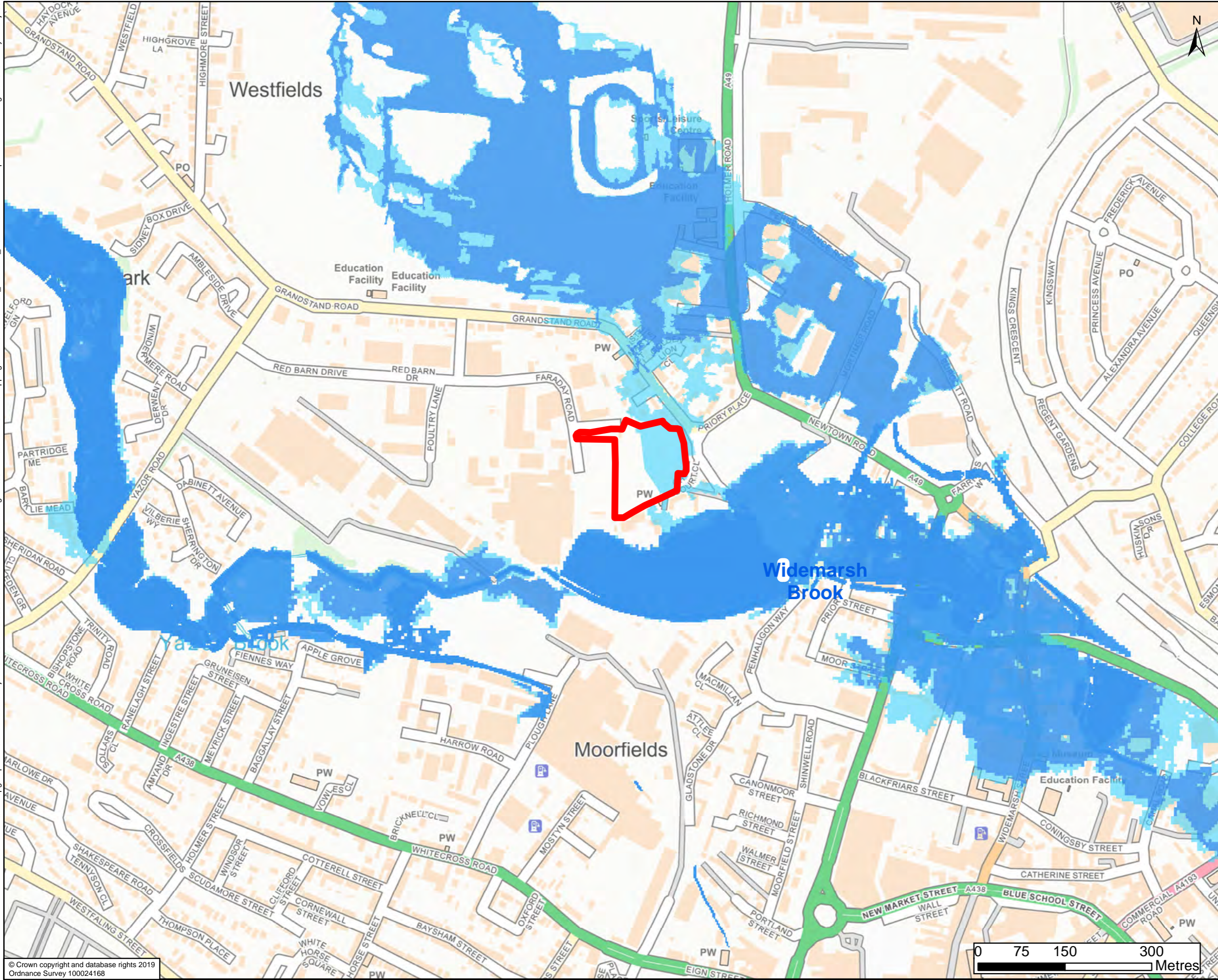
TITLE: Functional Floodplain Extents - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG	
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG	DATE: 14/08/2020

DRAWING No: Figure G.3 REV: P02



File name: \\uk.wspgroup.com\central_data\Projects\70056468 - Hereford ICS Package H103 WIP\Level 2 SFRA\Mapping\Mxds\Thr34\Thr34_Residual_P01.mxd
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- Site Location
- 1% (1 in 100) plus 70%CC annual probability of fluvial flooding without FAS
- 1% (1 in 100) plus 35%CC annual probability of fluvial flooding without FAS

The mapped flood extents for the Widemarsh Brook are taken from the updated fluvial model of the Yazor Brook and its downstream bifurcations completed in 2019, without the Yazor Brook FAS in operation. The mapped flood extents of the Ayles Brook 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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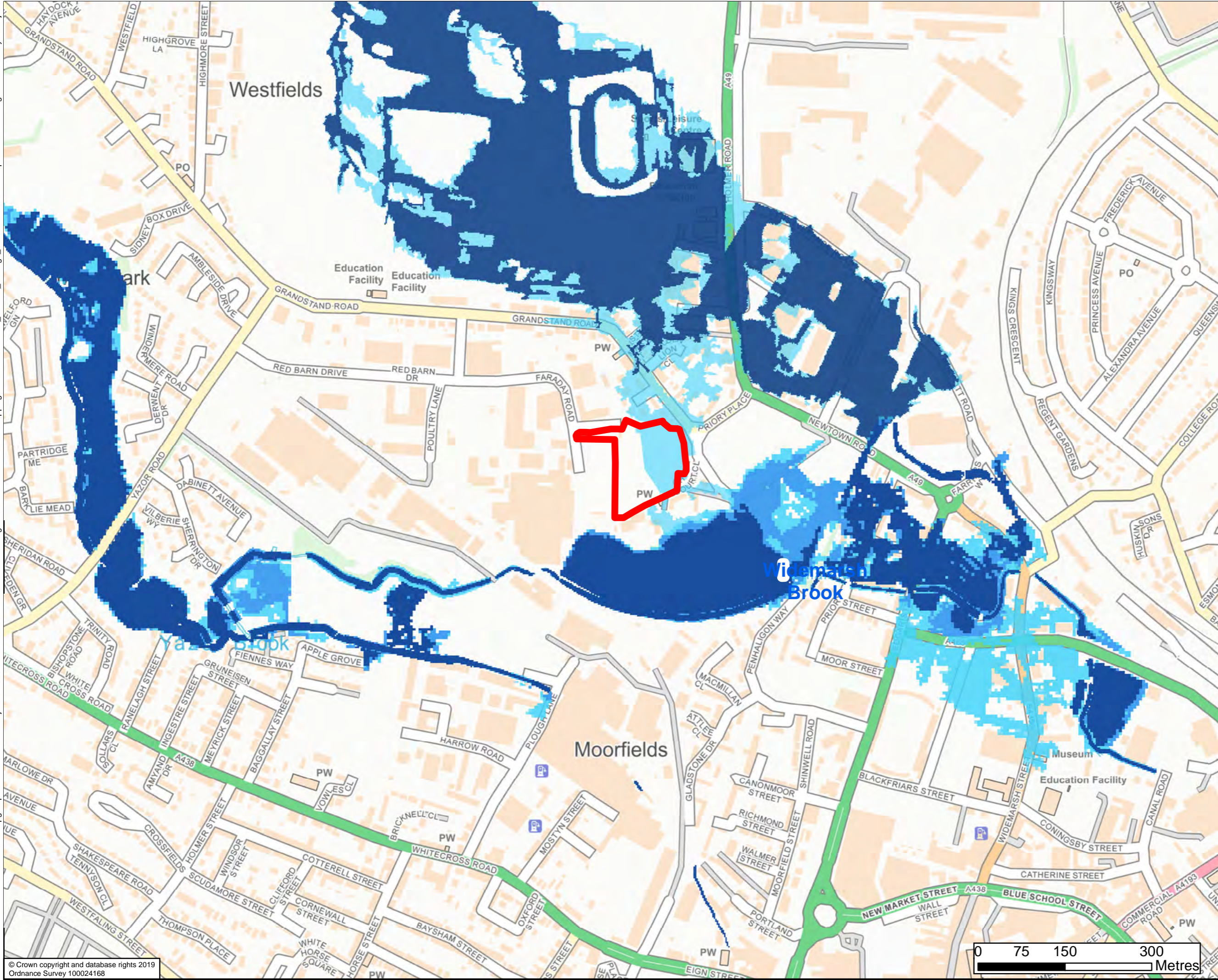
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SITE/PROJECT: HEREFORDSHIRE LEVEL 2 SFRA

TITLE: Climate Change Flood Risk Extents - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG	
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG	DATE: 14/08/2020
DRAWING NO: Figure G.4			REV: P02
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- Site Location
- 1% (1 in 100) annual probability of fluvial flooding
- 1% (1 in 100) annual probability of fluvial flooding +35%CC
- 1% (1 in 100) annual probability of fluvial flooding +70%CC

The mapped flood extents for the Widemarsh Brook are taken from the updated fluvial model of the Yazor Brook and its downstream bifurcations completed in 2019, with the Yazor Brook FAS in operation. The mapped flood extents of the Ayles Brook are taken from the Flood Map for Planning. No modelling of climate change has been undertaken for this water-course. The current Flood Zone 2 is assumed to be similar to the 1 in 100+70%CC event.

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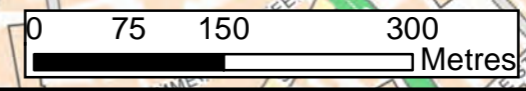
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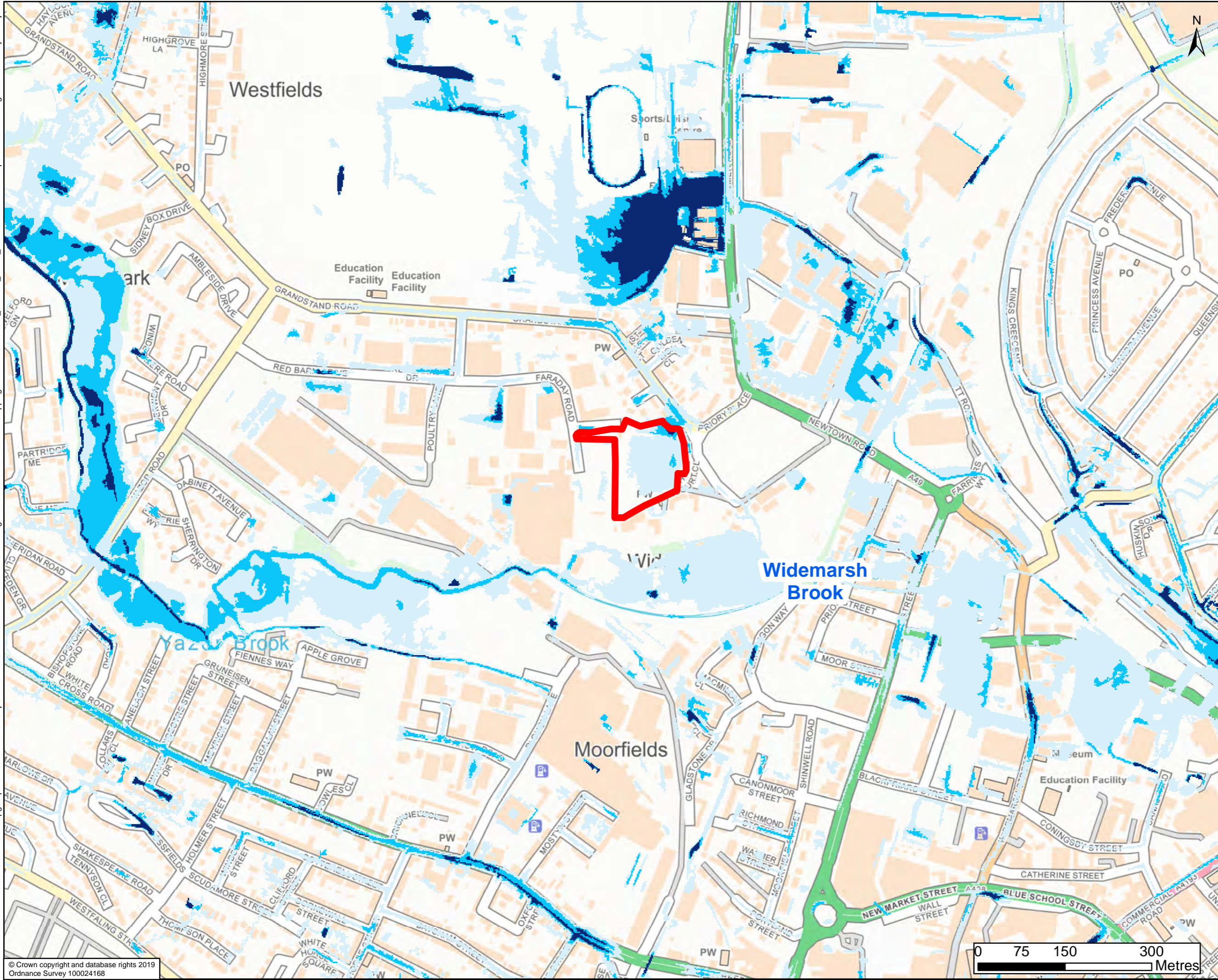
TITLE: Supplementary Fluvial Flood Extents - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG	
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG	DATE: 14/08/2020

DRAWING NO: Figure G.5 REV: P02



File name: \\uk.wspgroup.com\central_data\Projects\70056468 - Hereford ICS Package H103 WIP\Level 2 SFRA\Mapping\MxDs\Thr34_Surface_Water_P01.mxd printed on: 12 August 2020 by: ukshj003



- 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 - Central Hereford - Thr34

SCALE @ A3: 1:6,000	CHECKED: SH	APPROVED: JG	
PROJECT NO: 70056468	DESIGNED: CP	DRAWN: NG	DATE: 12/08/2020
DRAWING No: Figure G.6			REV: P01
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