

SOUTH DERBYSHIRE SFRA

TWYFORD

FLOOD SOURCES

The River Trent, Twyford Brook, Spur's Bottom and Old Trent Water present fluvial flood risk to this area of South Derbyshire.

The mapping shows that properties in Twyford are situated within Flood Zones.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2, Flood Zone 3a and Flood Zone 3b outlines for the River Trent have high confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

The Flood Zone 2 and Flood Zone 3a outlines for Twyford Brook, Spur's Bottom and Old Trent Water have medium confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

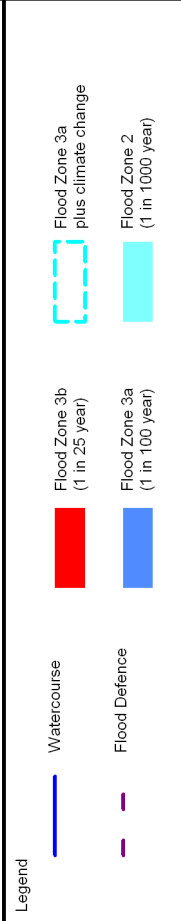
FLOOD RISK ASSESSMENT GUIDANCE

In accordance with Planning Policy Statement 25 (PPS25), a risk-based sequential approach should be applied at all stages of planning. Flood Zones are the starting point of the sequential approach. All planning applications for development proposals of 1 hectare or greater in Flood Zone 1 and all proposals for development in Flood Zones 2 and 3 should be accompanied by a site-specific Flood Risk Assessment (FRA).

As a minimum, site-specific FRA's should identify and assess, in more detail than the SFRA, the risks of all forms of flooding to and from the development and demonstrate how these flood risks will be managed, taking climate change into consideration. The FRA should determine the level of vulnerability of the proposed development (Table D.3, PPS25) and the suitability of the vulnerability classification in the relevant flood zone (Table D.3, PPS25). FRA's should provide evidence to assist the Sequential Test and, where necessary, the Exception Test.

Where sites are located in a Flood Zone with a high confidence, modelled flood levels should be available and this should be used to determine minimum requirements, such as finished floor levels and access and egress routes.

Where sites are located in a Flood Zone with a medium or low confidence, the FRA may need to refine the flood outline at this location.

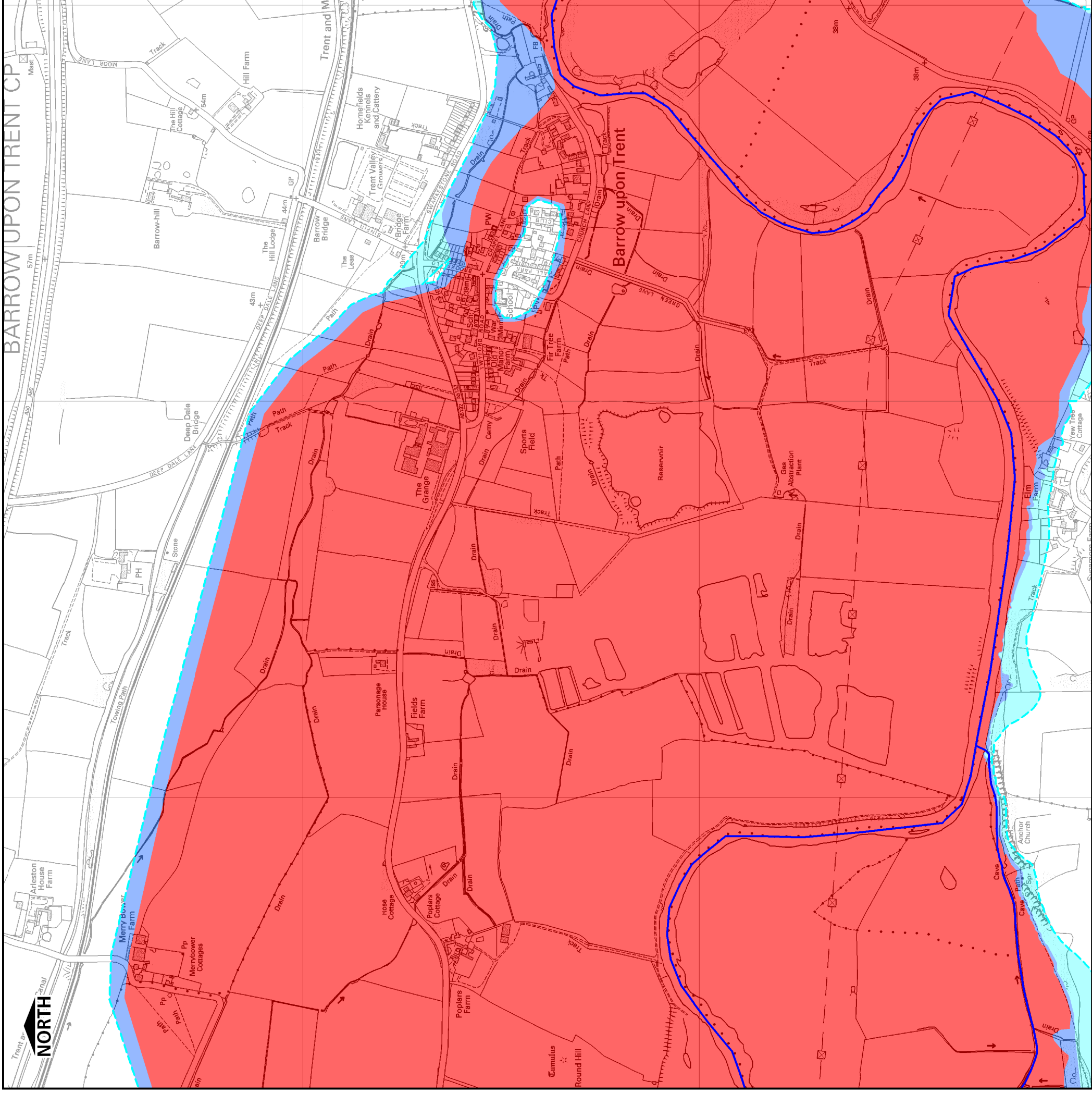


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Revision Details		By	Check	Date	Subst.
Drawn	GC	Approved	AW	Stage 1 Check	Stage 2 Check
Site Number	D119938	Drawing Status	FINAL	Scale @ A3	1:10000
Drawing Number	D119938/E-26				

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SOUTH DERBYSHIRE SFRA

BARROW UPON TRENT

FLOOD SOURCES

The River Trent presents fluvial flood risk to this area of South Derbyshire.

The mapping shows that properties in Barrow upon Trent are situated within Flood Zones, aside from those within a small localised area of high ground at Club Lane / Hall Park.

The Trent & Mersey Canal passes through this area.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2, Flood Zone 3a and Flood Zone 3b outlines for the River Trent have high confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

FLOOD RISK ASSESSMENT GUIDANCE

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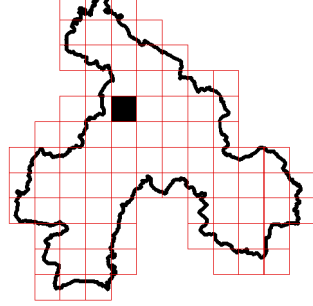
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Legend

-  Watercourse
-  Flood Zone 3b (1 in 25 year)
-  Flood Zone 3a (1 in 100 year)
-  Flood Zone 3c plus climate change
-  Flood Zone 2 (1 in 1000 year)

Location Overview



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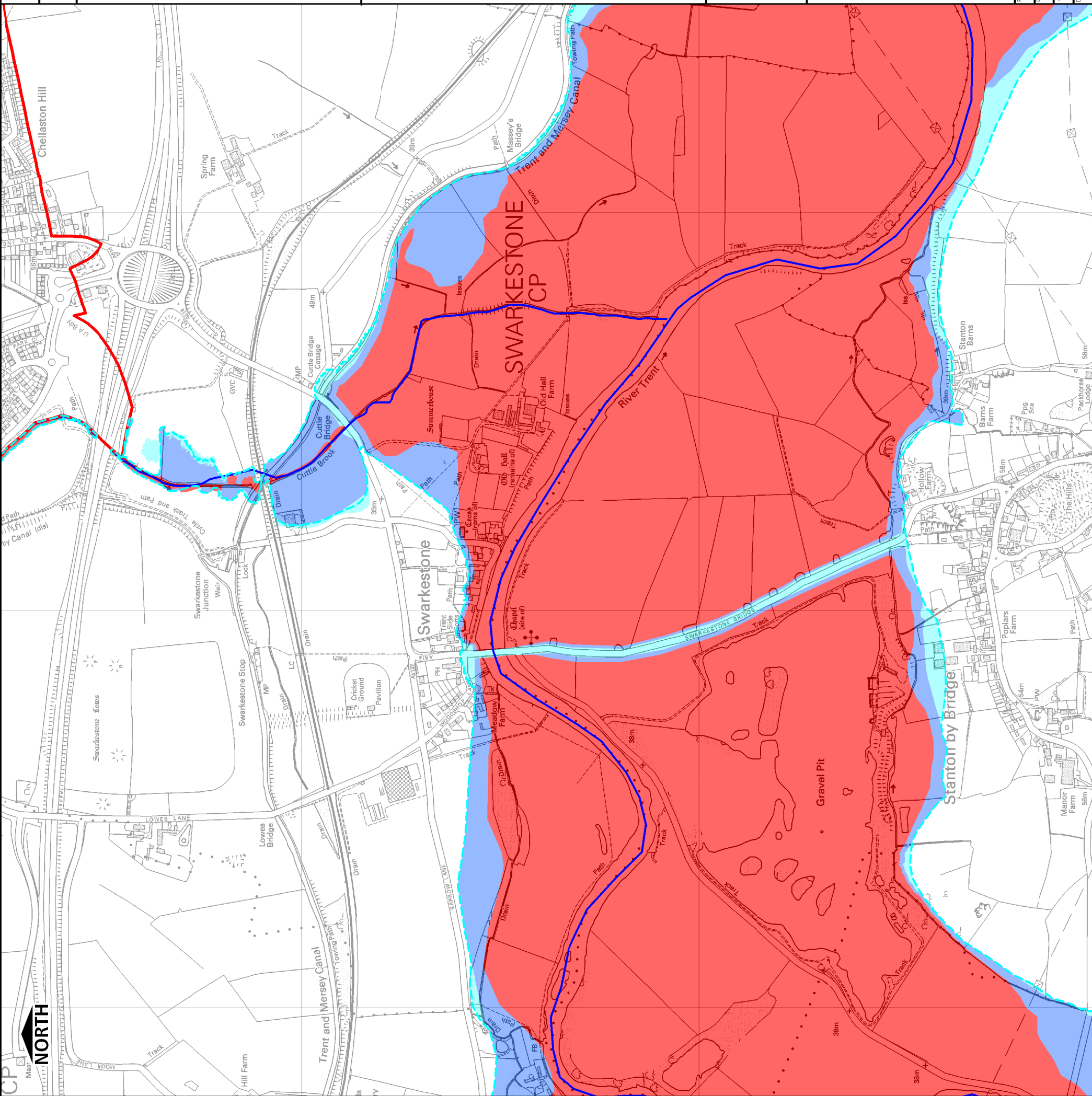
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Revision Details		By	Check	Date	Submit
Drawn	GC	AW	Stage 1 Check		Stage 2 Check
Site Number	D119938	Drawing Status	Scale @ A3	Scale	
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		Drawing Status	FINAL	Date	OCT 2008

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SOUTH DERBYSHIRE SFRA

SWARKESTONE

FLOOD SOURCES

The River Trent and Cuttle Brook present fluvial flood risk to this area of South Derbyshire. The mapping shows that properties towards the south of Swarkestone and to the north of Stanton-by-Bridge are situated within Flood Zones.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2, Flood Zone 3a and Flood Zone 3b outlines for the River Trent and Cuttle Brook have high confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

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Legend

- Watercourse
- Flood Zone 3b (1 in 25 year)
- Flood Zone 3a (1 in 100 year)
- Flood Zone 2 (1 in 1000 year)
- Flood Zone 3a plus climate change

Location Overview

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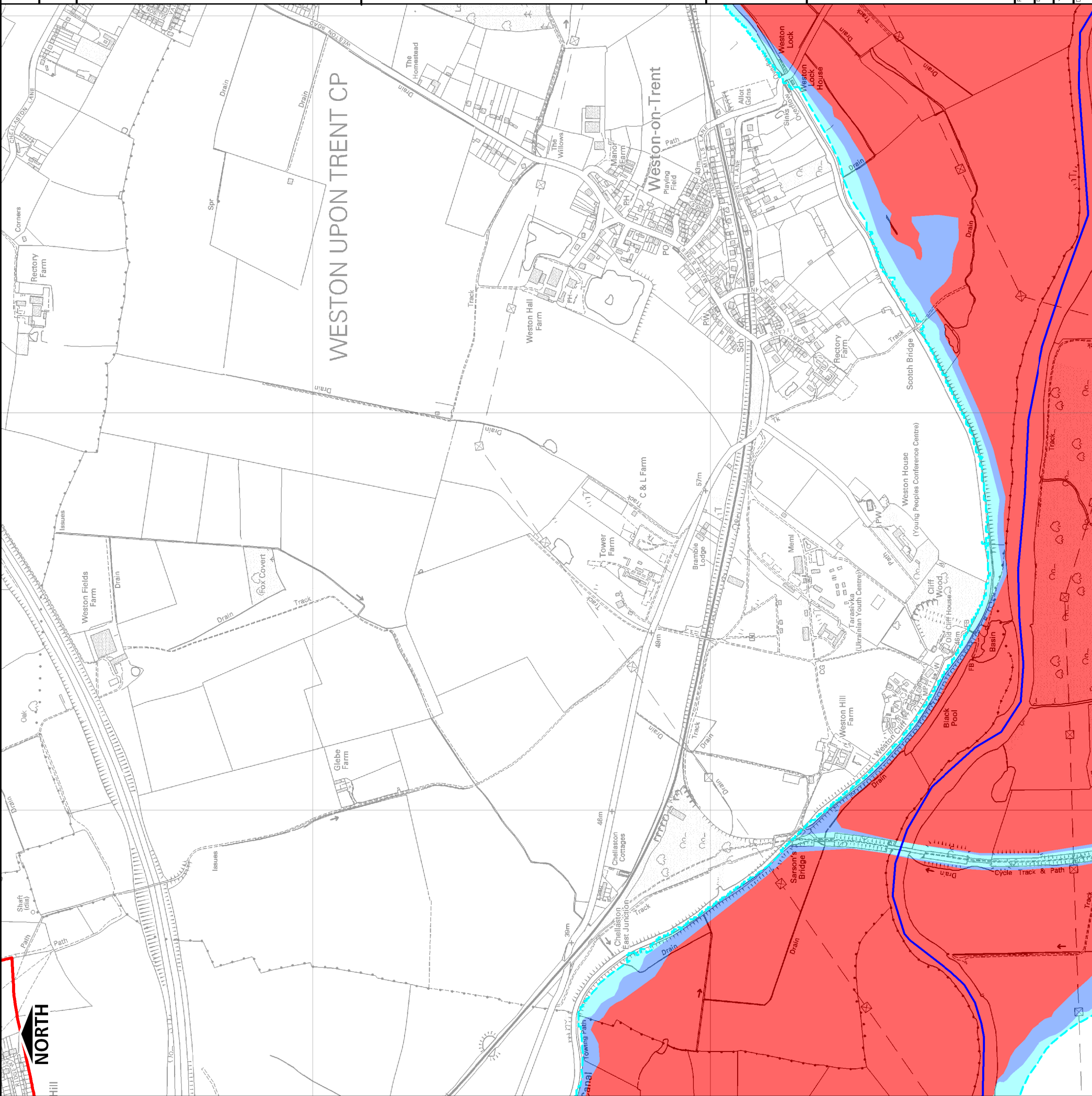
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Revision Details		By	Check	Date	Scale
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Drawing Number	FINAL	1:10000		OCT 2008	
D119938/E-28					



SOUTH DERBYSHIRE SFRA

WESTON UPON TRENT

FLOOD SOURCES

The River Trent presents fluvial flood risk to this area of South Derbyshire.

The mapping shows that no properties are situated within Flood Zones.

The Trent and Mersey Canal passes through this area.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2, Flood Zone 3a and Flood Zone 3b outlines for the River Trent have high confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

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Legend

- Flood Zone 3b (1 in 25 year)
- Flood Zone 3a (1 in 100 year)
- Flood Zone 3a plus climate change
- Flood Zone 2 (1 in 1000 year)
- Watercourse
- Flood Defence

Location Overview

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Revision Details		By	Check	Date	Subir
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					OCT 2008

SOUTH DERBYSHIRE SFRA

ASTON ON TRENT

FLOOD SOURCES

The River Trent presents fluvial flood risk to this area of South Derbyshire. The mapping shows that no properties are situated within Flood Zones. The Trent and Mersey Canal passes through this area. Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2, Flood Zone 3a and Flood Zone 3b outlines for the River Trent have high confidence as they were derived using detailed hydraulic modelling techniques. Since no data is available for Flood Zone 3 plus an allowance for climate change, Flood Zone 2 has been used as a proxy and therefore has lower confidence.

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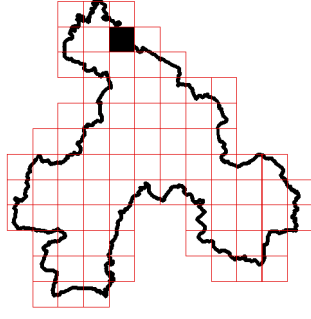
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Location Overview



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