

SOUTH DERBYSHIRE SFRA

BRETBY

FLOOD SOURCES

Old Trent Water presents fluvial flood risk to this area of South Derbyshire. The mapping shows that no properties are situated within Flood Zones. Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2 and Flood Zone 3a outlines for Old Trent Water has medium confidence as it was derived using broadscale 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.

Legend

- Watercourse
- 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)
- Flood Defence

Location Overview

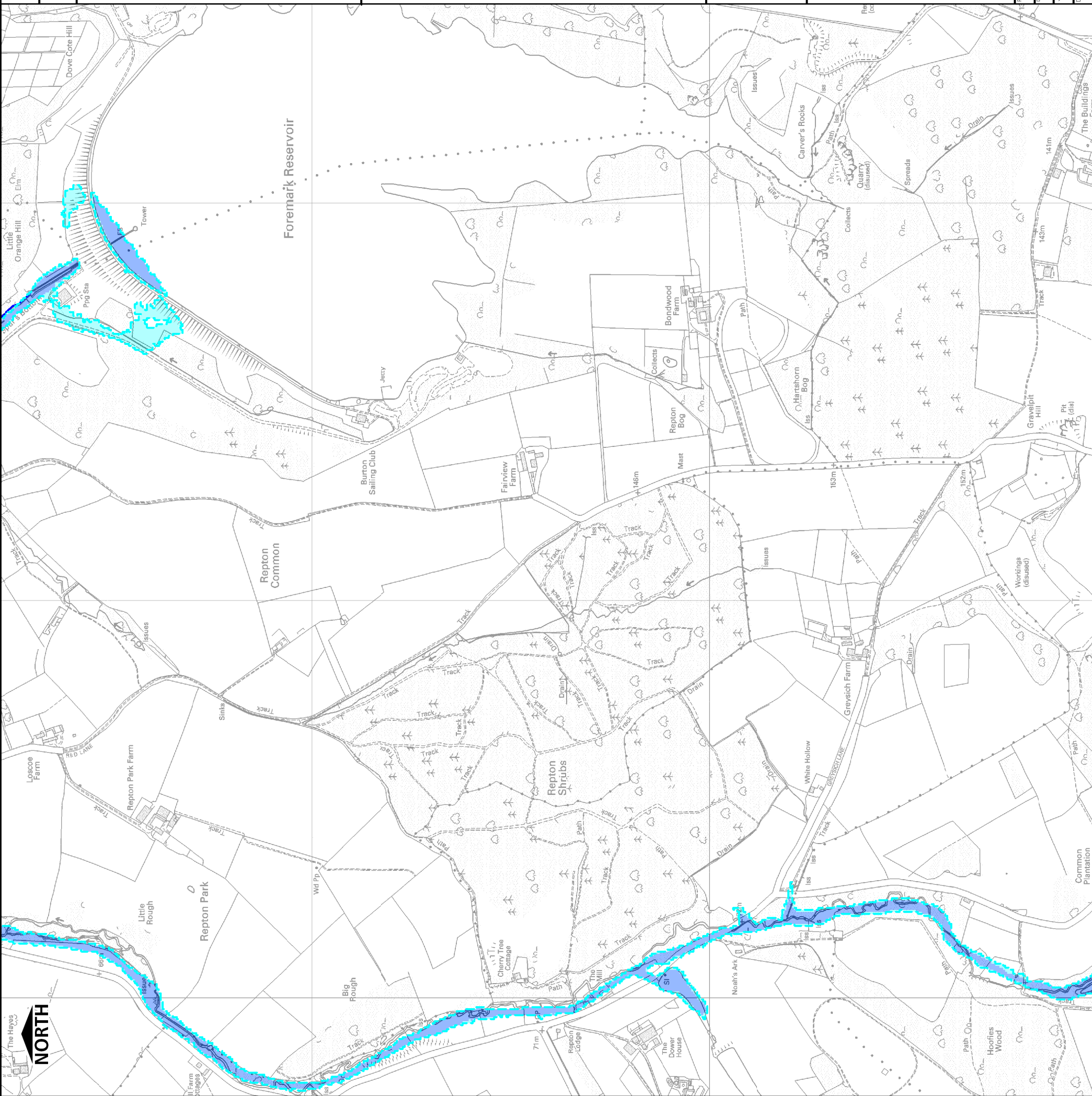
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By	Check	Date	Sub
GC	AW	Page 1 Check	Stage 2 Check
Job Number	Drawing Status	Scale @ A3	Date
D119938	FINAL	1:10000	OCT 2008
Drawing Number	D119938/E-36		

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SOUTH DERBYSHIRE SFRA

FOREMARK

Figure Title

FLOOD SOURCES

Spur's Bottom and Old Trent Water present fluvial flood risk to this area of South Derbyshire.

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

Foremark Reservoir is located in this area at the upstream extent of Spur's Bottom.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2 and Flood Zone 3a outlines for Old Trent Water and Spur's Bottom have medium confidence as they were derived using broadscale 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).

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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.

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

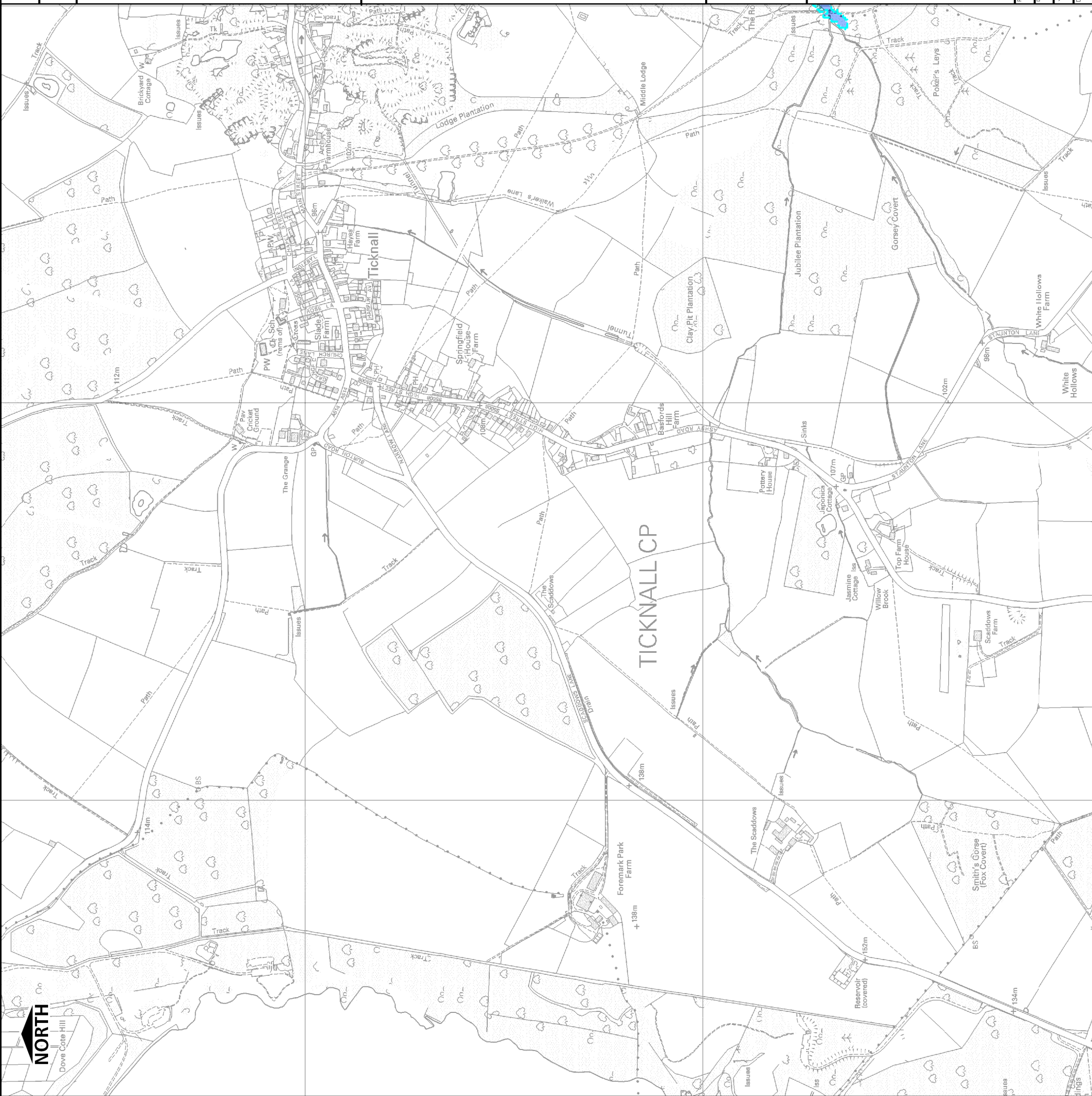
Location Overview

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Revision Details		By	Check	Date	Subst.
Drawn	GC	AW	Stage 1 Check		
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Drawing Status					OCT 2008
Drawing Number	D119938/E-37				

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SOUTH DERBYSHIRE SFRA

TICKNALL

FLOOD SOURCES

A number of unnamed drains have the potential to present fluvial flood risk to this area of South Derbyshire.

Since there are no Flood Zones shown in this area, no properties are considered to be at risk of fluvial flooding.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

Not applicable since there are no Flood Zones shown within this area.

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.

Legend

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

Location Overview

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Revision Details		By	Check	Date	Subst
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Site Number	D119938	FINAL	Scale @ A3	1:10000	OCT 2008
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SOUTH DERBYSHIRE SFRA

CALKE

FLOOD SOURCES

Scott's Brook and New Brook present fluvial flood risk to this area of South Derbyshire.

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

Stanton Harold Reservoir is situated located at the upstream extent of New Brook.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 2 and Flood Zone 3a outlines for New Brook and Scott's Brook have medium confidence as they were derived using broadscale 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.

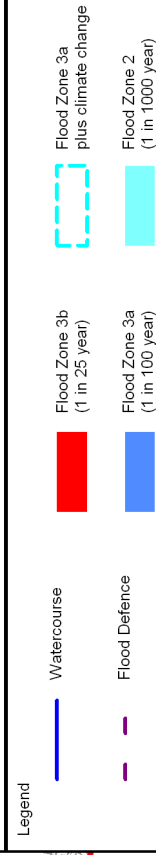
FLOOD RISK ASSESSMENT GUIDANCE

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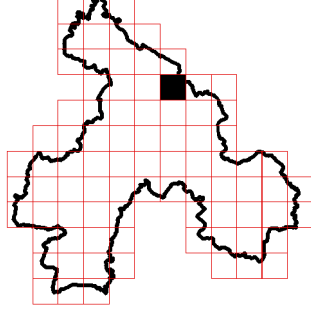
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Location Overview

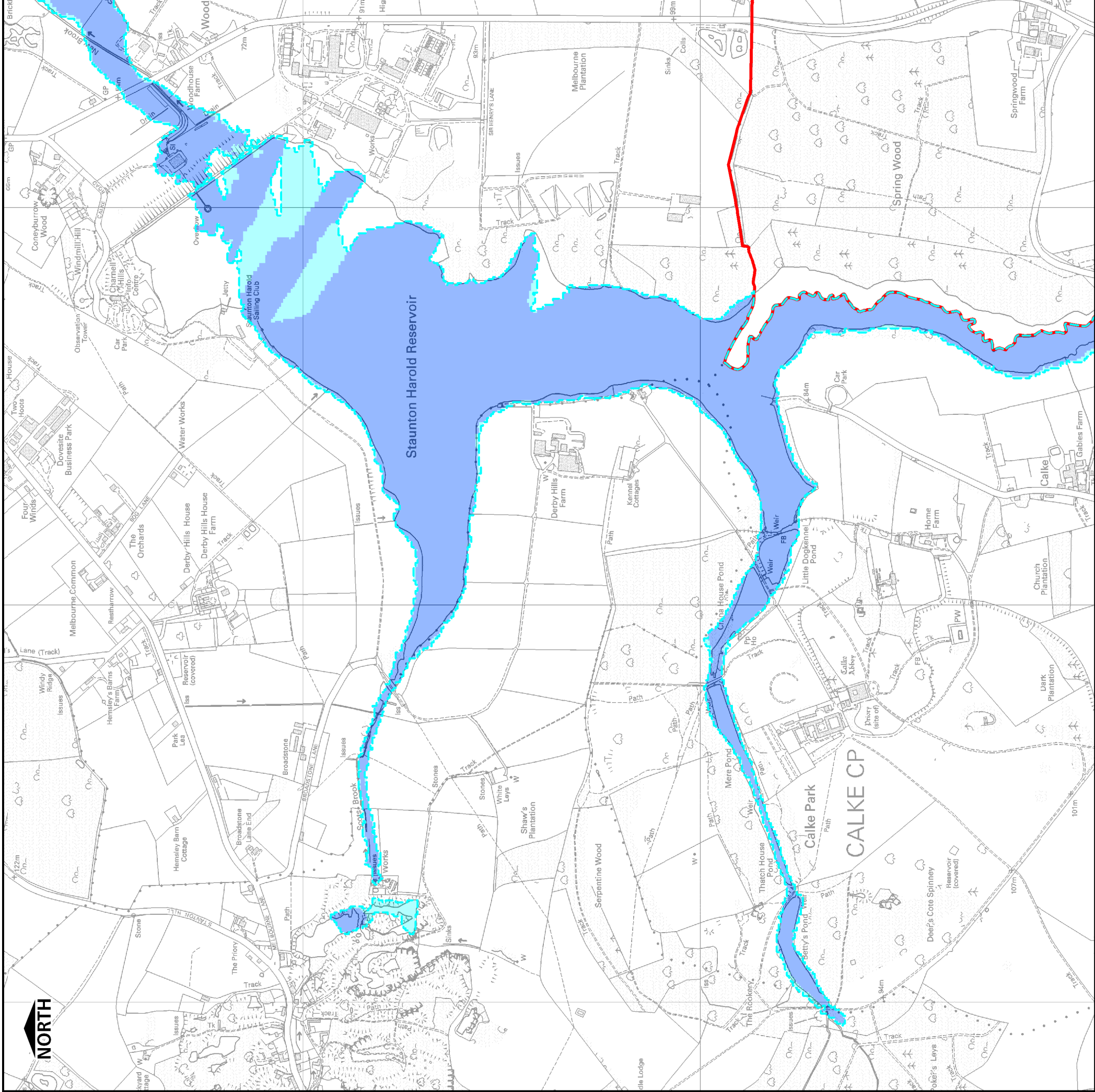


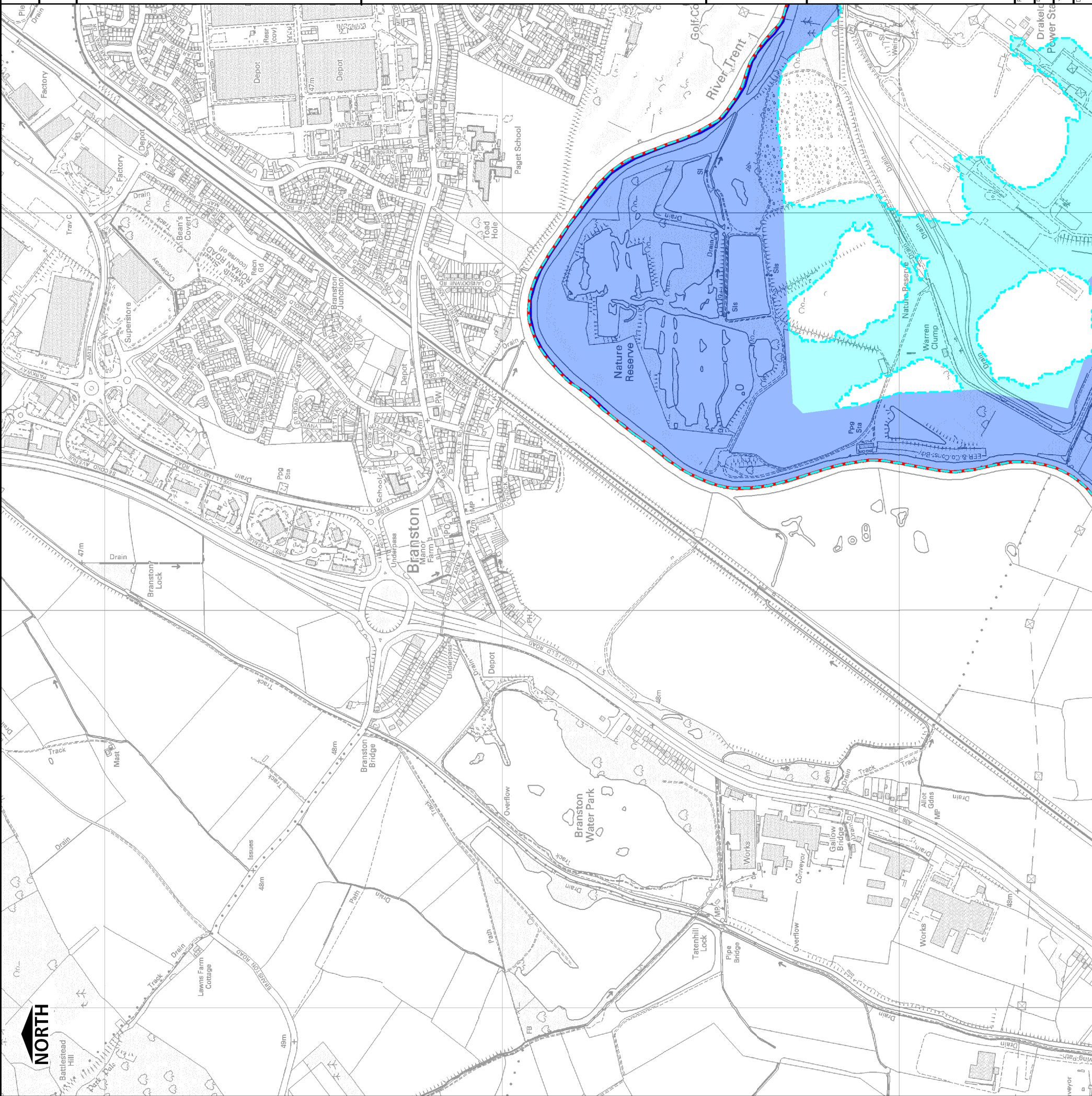
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					OCT 2008





SOUTH DERBYSHIRE SFRA

DRAKELOW

FLOOD SOURCES

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

The mapping that no properties are situated within Flood Zones.

Searches revealed no reported incidents of groundwater flooding.

LIMITATIONS OF DATA

The Flood Zone 3a outline for the River Trent has high confidence as it was derived using detailed hydraulic modelling techniques. Flood Zone 2 has a medium confidence as it was derived using broadscale 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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Legend

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

Location Overview

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Drawing Number	1:10000				

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