

Flood Risk Assessment

Conversion and extension of outbuilding to form 1no. dwelling,
together with new vehicular access.

at

Stone Cottage, Flowton Road, Somersham, IP8 4PS

R O G E R B A L M E R

D E S I G N



FOUNTAIN HOUSE STUDIO THE STREET EAST BERGHOLT COLCHESTER CO7 6TB

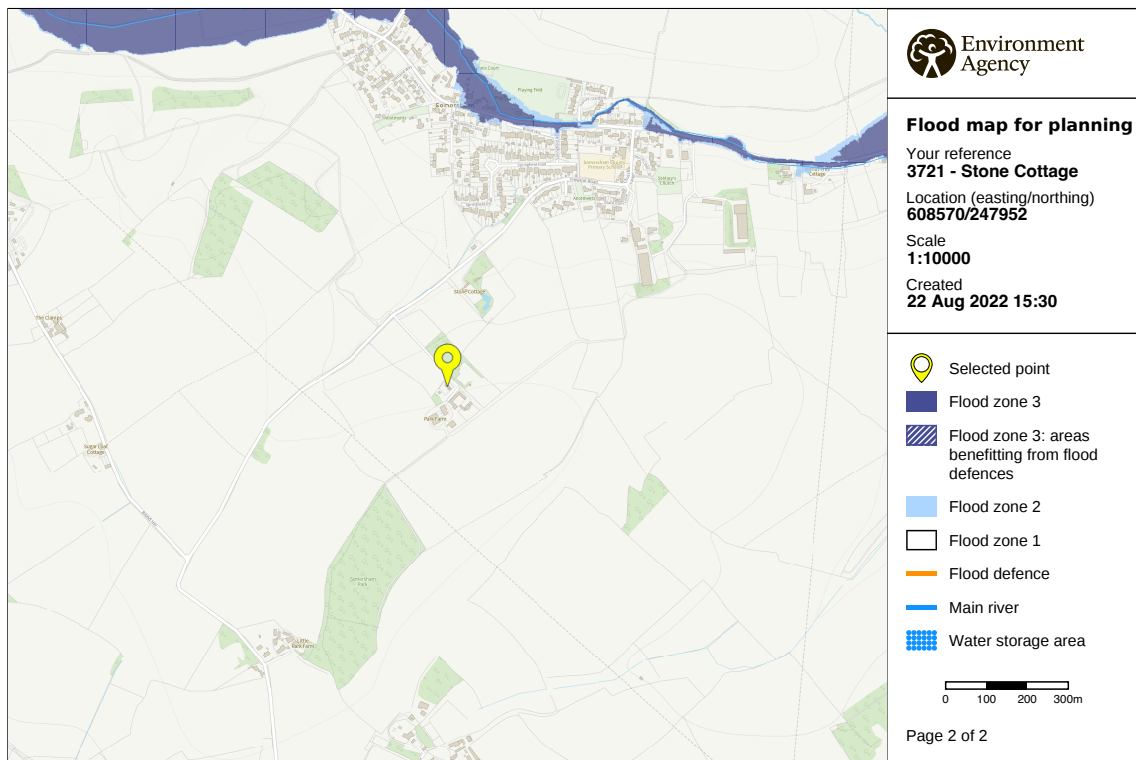
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1.0 OVERVIEW

- 1.1 The application site is located on Flowton Road, Somersham.
- 1.2 The site area is approximately 2000sqm, including the proposed highways access and amendments to the existing driveway.
- 1.3 The site comprises 2no. storage outbuildings to Stone Cottage, both erected by the former owner circa. C20.
- 1.4 The application proposes the conversion and extension of one of these outbuildings to create a single dwelling. The smaller outbuilding is proposed to be demolished to facilitate the works.
- 1.5 The site is currently within the residential curtilage of Stone Cottage.

2.0 FLOOD RISK ASSESSMENT

- 2.1 The site is not located in either Flood Zone 2 or 3. Refer to Environment Agency map below. Hence there is no risk of flooding from rivers or sea and this will not be analysed further.

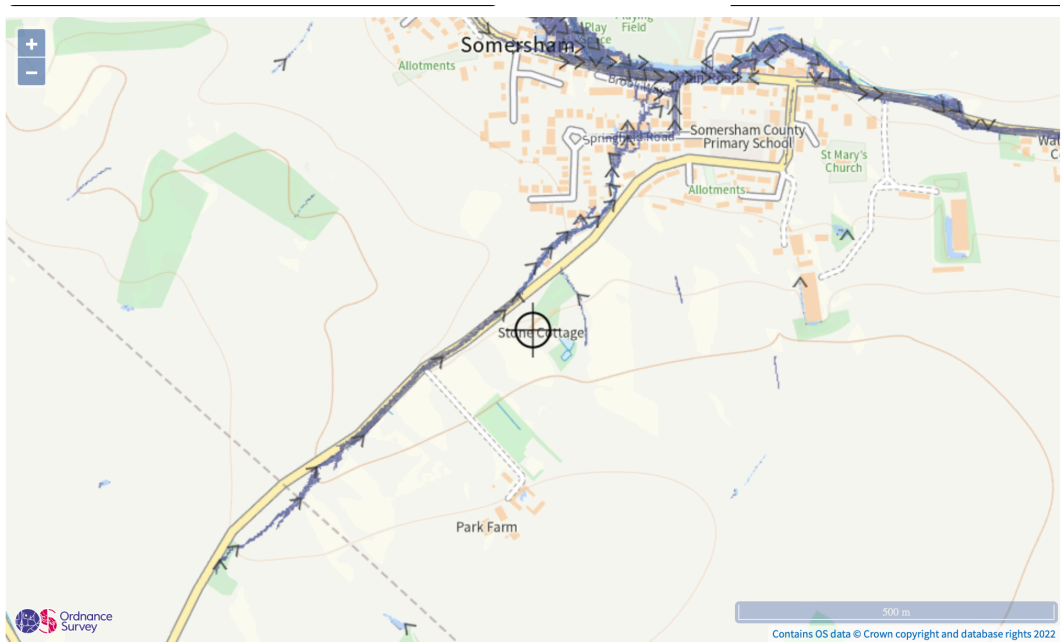


2.2 The extent of surface water flooding is identified by the Environment Agency map below. There is a low/medium risk present at the Eastern boundary of the site, but this does not encroach on the proposed dwelling or access track. Low risk surface water flooding is also identified to the boundary of the visibility splay proposed (i.e. not the access driveway itself, with the land within the splay remaining as a grass verge as existing)



Extent of flooding from surface water

● High ● Medium ● Low ○ Very Low ⊕ Location you selected



Surface water flood risk: water velocity in a medium risk scenario
Flood velocity (metres/second)

● Over 0.25 m/s ● Less than 0.25 m/s ↖ Direction of water flow ⊕ Location you selected

2.5 To conclude, following an assessment of the surface water risk in accordance with Environment Agency data and site topography, the identified marginal surface water flooding predicted to the East boundary of the site is considered to pose no risk to the proposed development.