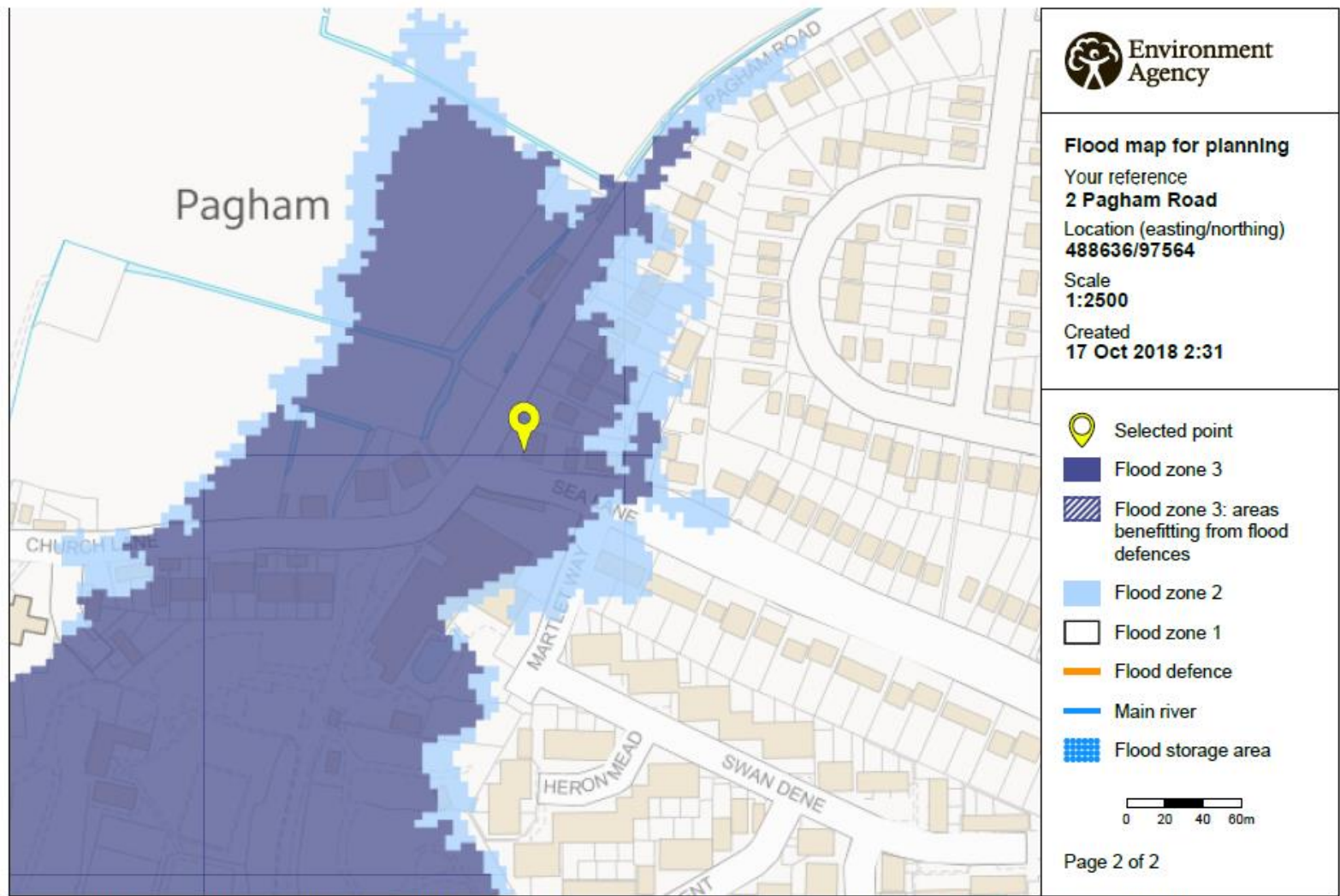


Flood Risk Assessment

Thomas A'Beckett Cottage, 2 Pagham Road, Pagham, PO21 4NP

5th July 2020



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Ref image 001.

The residence at 2 Pagham Road is identified within flood zone 3 as shown in image 001.

The proposal includes the demolition of existing pool housing and existing detached garage, which is replaced with an integral building.

The existing total footprint is 328.4m², and the proposal reduces the footprint to 279.6m², a reduction of **14.9%** of the footprint by area.

The floor level of the proposed ground floor extension is set at the same level as the existing building (will be no lower).

The first floor extension is circa 2.4m above this level.

In accordance with the householder and other minor extensions in flood zone 2 and 3,

Applicant to choose one or other of the flood mitigation measures below	Applicant to provide the LPA with the supporting information detailed below as part of their FRA	Applicant to indicate their choice in the box below. Enter 'yes' or 'no'.
Either; Floor levels within the proposed development will be set no lower than existing levels AND, flood proofing of the proposed development has been incorporated where appropriate.	Details of any flood proofing / resilience and resistance techniques, to be included in accordance with ' <i>Improving the flood performance of new buildings</i> ' CLG (2007)	Yes
OR; Floor levels within the extension will be set 300mm above the known or modelled 1 in 100 annual probability river flood (1%) or 1 in 200 annual probability sea flood (0.5%) in any year. This flood level is the extent of the Flood Zones	This must be demonstrated by a plan that shows finished floor levels relative to the known or modelled flood level. All levels should be stated in relation to Ordnance Datum ¹	No

Enhancement of the resilience to flooding risks will be achieved via:

- 1) Reduction of the non-porous, hard standing area (tarmac) at the front of the property, returning approx. **125m²** to garden laid to lawn and planting with associated drainage benefit.
- 2) Selection of flood resistant materials in the construction of the ground floor extension.
- 3) Positioning of electrical sockets at a higher level in construction of the ground floor extension.