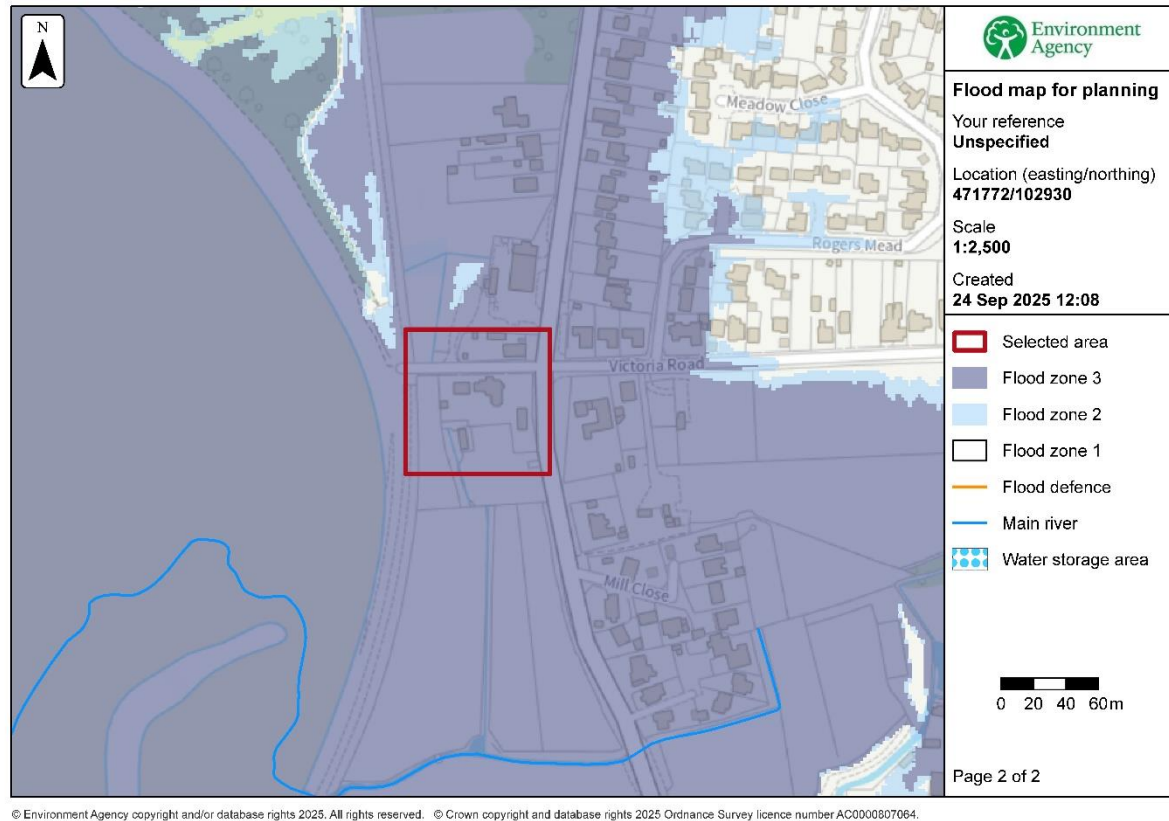


Flood Risk Assessment for Householder Porch Extension

Site Details :



Address : Pound House, 175, Havant Road, Hayling Island, PO11 0LF

Site Use : Single dwelling in Flood Zone 3

Proposed Development :

The proposed development involves the demolition of an existing porch and construction of a new side entrance porch in the same location. The new porch proposes a GIA of 2.3m², involving a gross increase of less than 0.5m².

Methods of Flood Risk Mitigation and Management :

Floor levels within the proposed development will be set no lower than existing levels. 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 'Improving the flood performance of new buildings' CLG (May 2007)

Considering the 'Improving the flood performance of new buildings' document by CLG 2007 we propose design recommendations such as -

- DPM to be at least 1200 gauge with 300mm overlapping at joints
- Resilience of floor finishes to be considered
- Raised access to building (in compliance with Building Regulations, aligning with the existing FFL)
- Under floor services using ferrous materials to be avoided
- Mortar joints thoroughly filled to avoid reduce risk of water penetration
- Sealed PVC external framed doors to be used

We have considered the flood performance with the use of this document - making proportional considerations deemed necessary for the small-scale nature of the porch replacement.