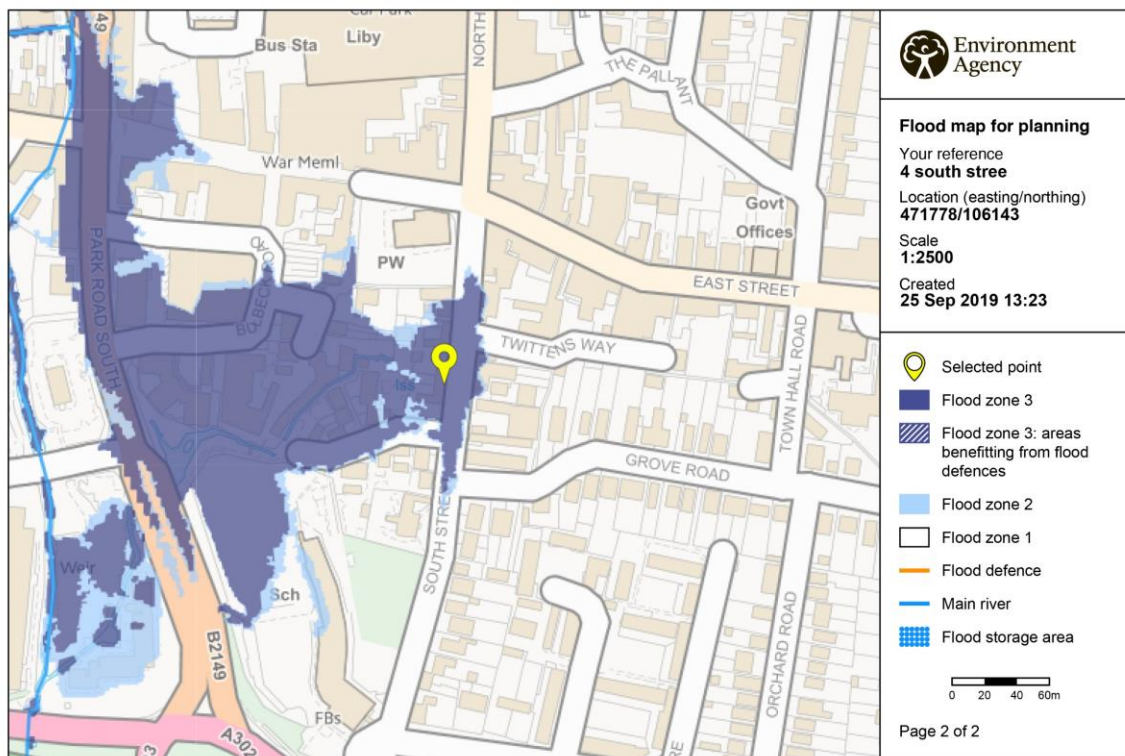


## Flood Risk statement

### 4 South Street, Havant, PO9 1DA



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The flood maps shows that the site is located within flood zone three.

In accordance with the Environmental Agency's 'improving the flood performance of new buildings' the rear extension will be constructed using a water exclusion strategy as it is not practical to raise the existing floor levels of the house. As this is a single rear storey extension a concrete ground bearing slab with suitable blinding and hard-core will be used if ground conditions allow. A dpm will be provided to avoid water passing through the ground floor construction. Any insulation will be placed on top, so that if damaged it can be easily replaced by removing the floor coverings. Floor finishes will also be suitable for wash down in the event of flooding and suitable materials will be used for skirting boards. Block walls will ensure the mortar joints are fully filled to reduce water penetration, engineering bricks will be used where allowed, with aircrete blocks used internally. Any insulation will be a rigid closed cell material. With internal finishes being cement render rather than a plasterboard. Doors will be sealed and double glazed, securely fitted and weather sealed to the surrounding structure. The homeowner will also purchase sand bags for storing in the garden shed, to locate outside the patio doors in the event of a flood, all other windows have been located up higher with brickwork below. Any electrical sockets will be located as high as allowed under the building regulations, with wires dropped vertically to these points. In the event that there is any water egress the home owner accepts that some remediation work to the finishes maybe required.