

FLOOD RISK ASSESSMENT

FOR DOMESTIC EXTENSION IN FLOOD ZONES 2 & 3

Church Lodge, Church Road, Swallowfield. RG7 1TH

The application site lies only partially in Flood Zones 2, with just the very front portion of the site being in this zone; the entire building footprint and the rear portion where the proposed extension is located, lies in Zone 1.



Extent of Flood Zones 2 & 3

Notwithstanding this the proposed ground floor level of the proposed extension will be set at the level of the existing dwelling house floor.

Flood proofing of the proposed development construction has been considered by the applicant and incorporated in the design as follows;

New floors will be of concrete ground bearing slab with screed construction with an integral damp proof membrane, and insulation installed on top of the floor. Additionally, closed cell insulation, and water resilient plaster will be used in the extension.

Currently the area to be developed has a conservatory which will be removed, and the remaining area of the proposed footprint consists of non-permeable solid stone paving surfaces; therefore our proposal will not introduce any increase in flood risk on the property.



Risk of Surface Water Flooding

There is no risk of surface water flooding, however, it is proposed to further reduce any risk by collecting a quantity of the rainwater from the proposed roof in water butts for use within the garden.