

# FLOOD RESILIENCE / PROOFING - SINGLE STOREY EXTENSION TO BEACHES, CHURCH ROAD LYMPPTONE

The proposed extension is to the existing kitchen and has a floor area of **8.5m<sup>2</sup>**.

Being a domestic extension in flood zone 3 with an area under 250m<sup>2</sup> the EA recommend that the works can follow the EA standing advice and provide mitigation measures as detailed on their form **"Householder and other minor extensions in Flood Zones 2 and 3"**. The completed form is attached and forms part of the application.

The proposed works are an extension to the existing kitchen with a floor area of 8.5m<sup>2</sup>. There are no external doors proposed and only a single window with a cill height 700mm above floor level.

**The EA advises that floor levels should be set no lower than the existing floor levels and flood resilient construction / flood proofing should be incorporated.**

The proposed floor level will match the existing floor level. As shown on the application drawings, there are no new external doors so no flood gates are required. The external walls will be constructed in masonry cavity with a damp proof membrane extended 600mm above the floor level providing an improved degree of flood proofing / resilience (refer to below typical detail). Ground floor construction will be concrete. This exceeds the details / constructions in document *"Improving the flood performance of new buildings' CLG (2007)."*

