

FLOOD RISK STATEMENT

The proposal consists of two single side extension located at 33 Itchenor Road, PO11 9SN

The proposed development is categorised as 'more vulnerable'.

The nearest main river from the site is the Emsworth Channel with the risk of fluvial flooding.

The Environment Agency's Flood Maps show that the site lies within the Flood Zone 3 (high probability flooding). The Environment Agency's flood risk map indicates that the risk of flooding to the site is 'medium'.

The flood maps also show that site is located in an area benefiting from the flood defences.

The Environment Agency's modelling data indicated that under both defended and undefended condition the site is subject to negligible flood depths from the 45% Higher Central and 105% Upper End CC events. This implies that the flood hazard to the people and the property is low.

The overall risk of surface water flooding to the site is 'low'.

The flood risk from other sources including underground water, sewer and reservoir is low.

In order to provide a level of protection against flooding, the floor level of the proposed extension will be set no lower than the existing level of the property, and flood proofing of the proposed development will be incorporated where appropriate.

In order to minimise the damage and to enable quick recovery and clean up after the flooding event, it is proposed that flood resilient measures will be implemented.

As the site is located within a flood zone area, it will be necessary to make sure that the residents are fully aware of the flood risk and flood warning and evacuation during an extreme event. If necessary, during a flood event the first floor will provide a safe haven for the residents.

The residents are advised to utilise the Environment Agency's Flood Warning Service available in the area. The surface runoff will be improved by implementing appropriate SuDS measures. A rainwater harvesting (water butt) will be implemented to improve the surface runoff. The development will not give rise to backwater affects or divert water towards other properties.