

Flood Risk Assessment

27 Rownhams Road, Havant, Hampshire PO9 4QD

DESIGN MEASURES

Introduction

1. The proposal is for a detached garage (less than 250 square metres footprint) in flood zone 3 an area with a high probability of flooding and follows the Environment Agency's standing advice.
2. The new garage will not increase the threat of flood or alter any surface water flows across the site. The garage does not degrade or cause detrimental harm to the resilience against flood risk of the existing house.
3. New extension floor levels are set at no lower than the existing house ground floor level.

Flood Risk Resilience Design Measures.

The Built Fabric has been chosen with resilient material's as part of the design to improve recoverable nature of the proposed extension in case of flood.

Such as:

- External solid brick walls
- Rigid cell PIR water resistant insulation.
- Solid concrete flooring with sand cement floor screed.

Additional measures proposed;

- All new electrical / data outlets located min 450mm above FFL.
- Any plasterboard to internal studworks walls fitted horizontally of ease of replacement along with removable mineral wool insulation.
- Non return valves fitted to any waste water pipework.

