

**Proposed Garage Replacement at  
Bradshaw's Cottages, Moat Lane, Lincs. PE22 9JR**

**Flood Risk Assessment**

## 1.0 FLOOD RISK ZONE

Flood risk mapping shows the site lies within flood risk zone 3.

## 2.0 RISK ASSESSMENT

Guidance requires completion of the below table in instances for householder development:

Applicant to choose one or other of the flood mitigation measures below	Applicant to provide the LPA with the supporting information detailed below as part of their FRA	Applicant to indicate their choice in the box below. Enter 'yes' or 'no'
Either ;  Floor levels within the proposed development will be set no lower than existing levels AND, flood proofing of the proposed development has been incorporated where appropriate.	Details of any flood proofing / resilience and resistance techniques, to be included in accordance with 'Improving the flood performance of new dwellings' CLG (2007)	
Or;  Floor levels within the extension will be set 300mm above the known or modelled 1 in 100 annual probability river flood (1%) or 1 in 200 annual probability sea flood (0.5%) in any year. This flood level is the extent of the Flood Zones	This must be demonstrated by a plan that shows finished floor levels relative to the known or modelled flood level. All levels should be stated in relation to Ordnance Datum <sup>1</sup>	

Response:

**Yes**, garage floor to be no lower than existing garage being replaced with ancillary space min.150mm higher. Flood proofing as set out within 'Improving the flood performance of new dwellings' CLG 2007 to be adopted.

Water entry strategy is followed. Utilise wall construction more robust to being flooded. Concrete floor construction. Bricks and blocks to be resilient, cavity insulation to be rigid PU foam, internal lining in habitable GF space to be sacrificial gypsum based plasterboard.

Services should be cited at high level where possible. Appliances if/where installed should be at high level.