



## **DEFRA On-Property Protection Pilot Scheme: Newark and Sherwood District Council**

Newark and Sherwood District Council (N&SDC) in partnership with the Environment Agency (EA) had secured funding from the Department for Environment, Food and Rural Affairs (DEFRA) to implement a scheme offering flood resistant measures to reduce the risk of flooding to a number of homes in Bleasby, Nottingham.

The aim of the scheme was to provide individual property protection to a minimum level of a 1:75 year flood event. In order to identify what risks existed on the properties an individual mitigation and defence report was carried out.

The report highlighted potential leak paths which currently exist on the property for water ingress under flood conditions, and then offered possible recommendations which address the leak paths using a combination of solutions including flood protection products, sump and pumps, non return valves, re-pointing and sealing brickwork/leak-paths, etc. Such mitigation measures were considered to a maximum height of 600mm as advised by current EA guidelines.

The indicative flood levels calculated to Above Ordnance Datum (AOD) were provided by the Environment Agency.

A total of 20 properties were surveyed. A copy of the flood mitigation and defence report was produced for each homeowner to highlight the ingress routes on the property with recommendations to mitigate the risk to the ingress routes identified.

Full access was available to inspect the property both internally and externally.

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