

Option 4 - Shortlisted

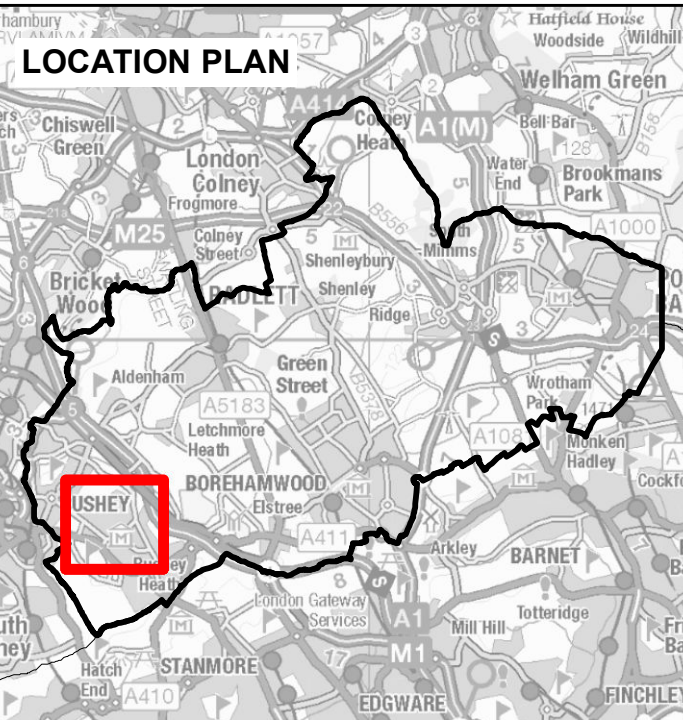
Property flood resilience is proposed in areas around Homefield Road and Spring Crofts. This area is within a topographic low point, allowing water to naturally pond. PFR is also suggested along Moatfield Road, whereby there is a history of property flooding. PFR should be installed alongside Option 5 and 7, as these will reduce the depths of flooding expected and, consequently, the levels of protection required.

Option 5 - Shortlisted

Construction of a bund within Moatfield Road recreation ground would obstruct the dominant flow path. This would significantly reduce the volumes around the Homefield Road area. A detention basin along the east of the recreation space should also be considered to capture flows from the highway which add to the flow path. Drainage of the area at a time of flood would be required.

Option 7 - Shortlisted

Implementation of a surface water management area would limit the amounts that reach the low point around Homefield Road. Likely to be achieved through localised actions with reduction of runoff at a property level. This would involve disconnection of surface water through use of storage butts and permeable paving. Consideration of any further urban creep would be required.



Legend

Flood Depth (m) (1 in 100-year)

High : 1.97
Low : 0.07

Options

- HCC Flood Incident Record
- Swale
- Flood Bund
- Localised

Watercourse

- Main River
- Ordinary Watercourse

0 140 280 420 560 m

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Project: **HERTSMERE SWMP
HBC3: MOATFIELD ROAD**

Title: **SHORT LIST
OPTION MAPPING**

Client: **HERTFORDSHIRE
COUNTY COUNCIL**

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