



READING, BERKSHIRE

# LOW FLOOD RISK AT GREEN PARK VILLAGE

## Low Flood Risk at Green Park Village

### Green Park Flood Alleviation Scheme

In order to develop the wider Green Park area, the Green Park Flood Alleviation scheme was devised in the 1980's. A number of significant mitigation measures were put in place in order to reduce the risk of flooding. These include:

- Longwater Flood Relief Channel, which diverts flood water to the River Kennet.
- 16ha of land reserved for dedicated flood storage.

These key features are displayed in the adjacent image.

#### KEY

- Watercourses and water bodies
- ➔ Route of recently constructed flood channel taking flood flows from Foundry Brook to River Kennet
- ▨ Dedicated flood storage



## Low Flood Risk at Green Park Village

### Green Park Flood Alleviation Scheme

#### What is the Risk of Flooding?

As part of the development of Green Park Village, extensive site levelling works have been undertaken, with over 300,000 cubic meters of earth brought in to raise the site level.

Based on the previous Green Park Flood Alleviation scheme and the extensive land raising works, the site is now predicted to have a very low risk of flooding. The Flood Risk Assessment produced as part of the original planning application confirms the following:

- The site has been raised to between 0.9m and 1.6m above the worst case flood level
- The site now has a very low chance of flooding on an annual basis, with a predicted flood level equivalent to the lowest flood category within the UK.

For more detail, please refer to section 3.2.1 and section 4 of the site specific Flood Risk Assessment (soft copy available on request) and section 7.2 of [Reading Borough Council's Strategic Flood Risk Assessment](#).

#### Mitigation Features

To further reduce the risk of localised flooding on site, a number of additional features have been incorporated as part of the development.

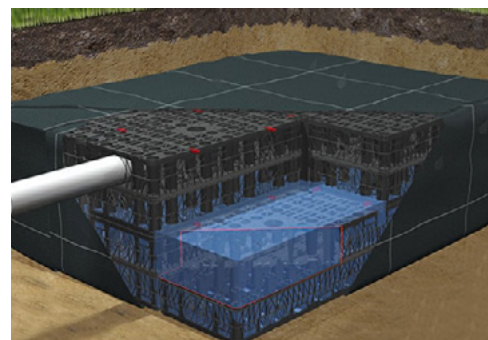
These include:



Extensive landscaping



Green and brown roofs



Rainwater attenuation tanks



On site storm water attenuation