

## **Flood Risk Assessment**

Site address : **17 Kings Drive, Hassocks, BN6 8DX**

Planning Portal ref: **DM/24/1599**

The proposal being submitted to Mid Sussex District Council for planning permission, is a single storey rear extension to the existing house.

The proposed land use is not changing, it is remaining an existing established residential area.

Flood Risk Assessment data attached is taken from Environment Agency/GOV.UK website, with the following document names:

- 17 Kings Drive, Hassocks, BN6 8DX - flood-map-planning-2024-07-10T10\_45\_17.598Z.pdf
- 17 Kings Drive, Hassocks, BN6 8DX - See flood risk on a map - Check your long term flood risk - GOV.UK.pdf
- 17 Kings Drive, Hassocks, BN6 8DX - Your long term flood risk assessment - Check your long term flood risk - GOV.UK.pdf

The attached drawing (2407-017 Existing & Proposed Site Section & Levels) indicates a large difference in level of 2.27m from the Adur River/Stream level to the internal Ground Floor Level of the new extension, which provides inherent resistance to flooding by sufficient level difference.

The first document is a flood map (from the Environment Agency) which indicates the site rear boundary to this application touches the stream/river Adur, which is Flood Zone 3a/Medium Surface Water Flood Risk. The existing property and the proposed extension are situated in Flood Zone 1/Very Low Surface Water Flood Risk.

The closest edge of Flood Zone 3a is 21m from the closest new rear wall to the proposed extension and is why the second and third document (from GOV.UK) indicates a "Very low risk" of flooding from Rivers and Sea, and a "Low risk" of flooding from Surface Water.

"Your long term flood risk assessment – Check your long term flood risk – GOV.UK" results:

17, KINGS DRIVE, HASSOCKS, BN6 8DX

### Rivers and sea risk

*Very low risk*

*Very low risk means that this area has a chance of flooding of less than 0.1% each year.*

### Surface water risk

*Low risk*

*Low risk means that this area has a chance of flooding of between 0.1% and 1% each year.*

*Lead local flood authorities (LLFA) manage the risk from surface water flooding and may hold more detailed information. Your LLFA is West Sussex.*

Therefore, because the proposed extension is situated in Flood Zone 1/Very Low Surface Water Flood Risk, and is within a Very Low Risk area for flooding from Rivers, and is within a Low Risk area for Surface Water flooding, and has a large level difference (from the river level to internal floor level) no flood mitigation is required for the proposed extension construction.

Surface water drainage from the proposed extension will be taken to a new soakaway in the existing rear garden and will not contribute any additional rainwater to the existing drainage system.

March 2025