

FLOOD RISK ASSESMENT

Address: 50 Hurst Road, Hassocks, West Sussex, BN6 9NL

Project Number: 956

Revision: A

Description: Proposed tennis court at rear of garden.

Drawing Reference:

KD.1627 A.001 – Site & Location Plan

KD.1627 A.051 – Proposed Site



FRONT ELEVATION OF 50 HURST ROAD

OVERALL FLOOD RISK

Image 1 shows that 50 Hurst Road sits within an area of **flood zone 1**. This means that the site is considered to have a low overall flood risk.

FLOOD RISK FROM SURFACE WATER

Image 2 shows that the 50 Hurst Road sits within an area of **low** flood risk in relation to surface water flooding. This has been carefully considered to have a minimum impact on the proposal.

FLOOD RISK FROM RIVERS AND THE SEA

Image 3 shows that 50 Hurst Road does not sit within an area of flood risk in relation to flooding from rivers and the sea. This is therefore not considered to be an area of concern in relation to the overall flood risk of the site.

CONCLUSION & MITIGATION MEASURES

50 Hurst Road sits within a flood zone 1 area. Flood risk from rivers and the sea is not considered to be a cause for concern, however the site does sit within a low risk in relation to surface water flooding.

The proposal will result in a loss of vegetation as such the following measures are proposed:

- 1) New vegetation is to be planted around the court to aid with the natural drainage of surface water.
- 2) Permeable materials for the courts surface and surrounding area is to be used where possible.
- 3) Swales should be construed to guide and redirect surface water away from the court.
- 4) A rainwater harvest system is to be implemented. This will collect the additional surface water. This water is stored and can be used for irrigation.

It is considered that the proposal will be both functional and sustainable in relation to the overall flood risk of the site.

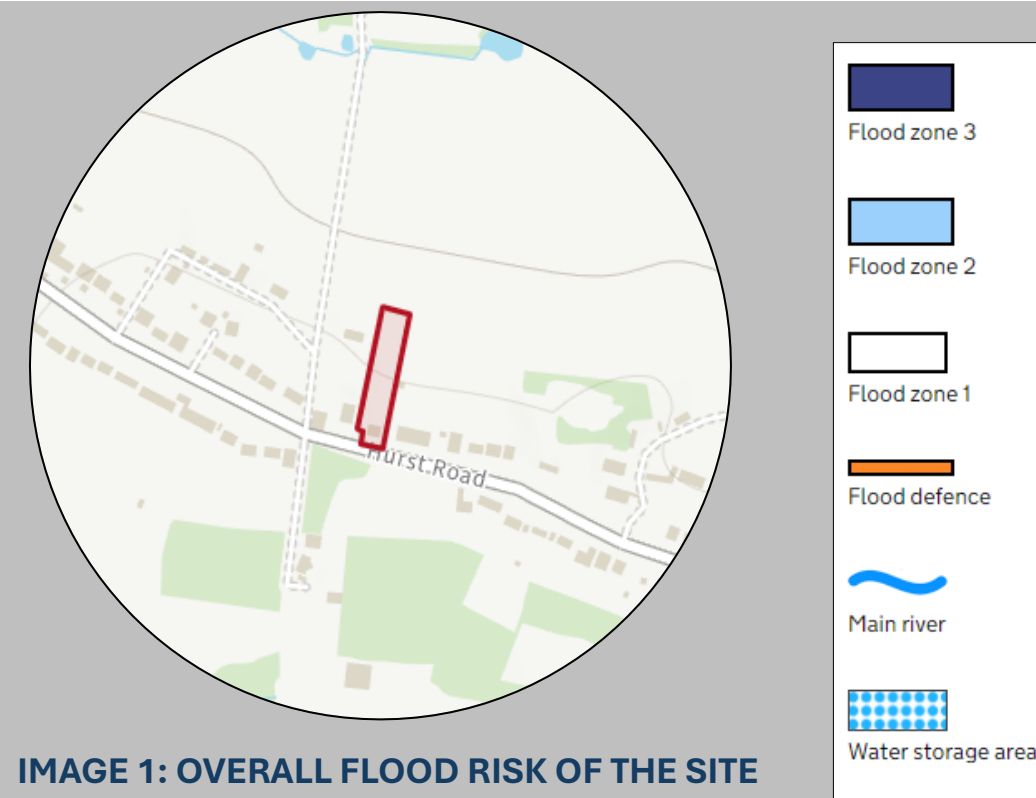


IMAGE 1: OVERALL FLOOD RISK OF THE SITE

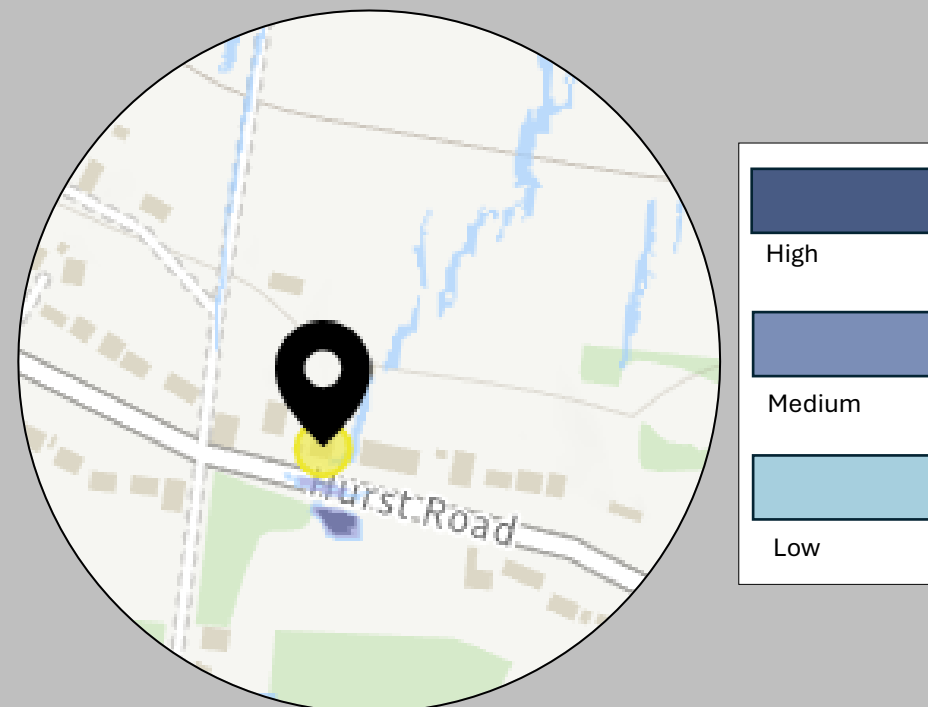


IMAGE 2: FLOOD RISK FROM SURFACE WATER

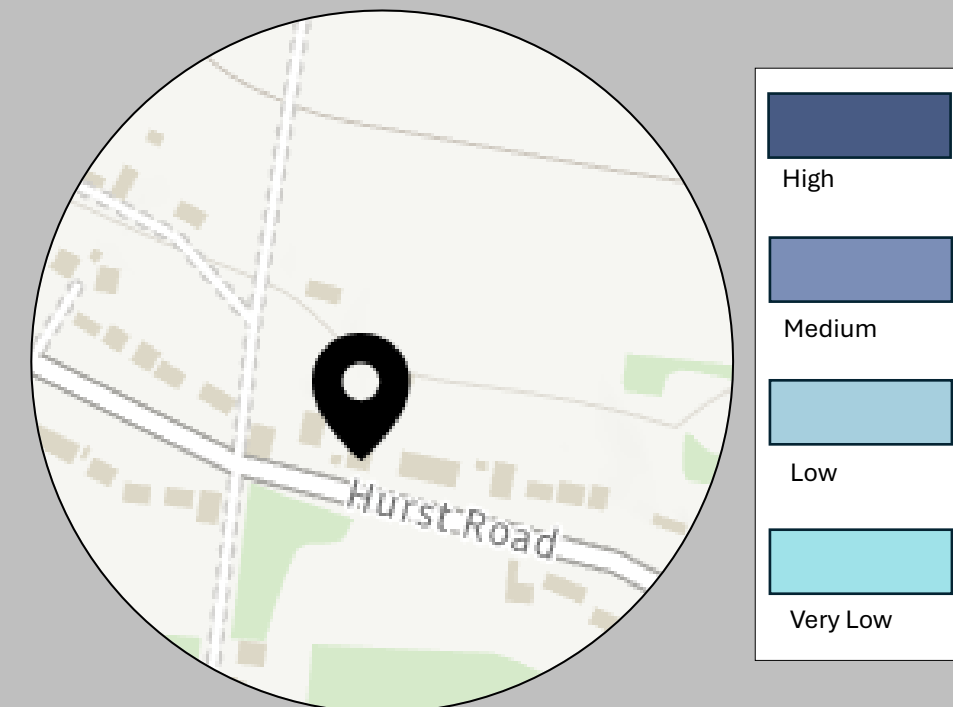


IMAGE 3: FLOOD RISK FROM RIVERS AND THE SEA