

From: drainage <drainage@midsussex.gov.uk>
Sent: 20 December 2024 17:16:45 UTC+00:00
To: "Stefan Galyas" <Stefan.Galyas@midsussex.gov.uk>
Cc: "drainage" <drainage@midsussex.gov.uk>
Subject: 2024.12.20 Re: DM/24/2959 - App - Minor - Mabels Emporium 10 Victoria Way Burgess Hill West Sussex RH15 9NF

Dear Stefan,

Please find our response for the above application:

Thank you for consulting the Flood Risk and Drainage Team with regard to the above application. We understand the application is for the construction of a two storey rear extension and proposed Gym use on ground and first floor (revisions received 19.12.2024).. The Flood Risk Assessment provided by the Applicant has been reviewed, and we would comment as follows:

The site is in flood zone 1 and is at low fluvial flood risk (risk of flooding from Main Rivers). The site is shown to be at very low, low, medium, and high surface water flood risk (comparable to flood zone 3b, 3a, 2 and 1).

The proposed development site is located within an area impacted by the 1:30, 1:100 and 1:1,000 flood events (high, medium, and low surface water flood risk). Following the approach set out under the NPPF for assessing fluvial flood risk (flood zones) this area would be considered consistent with Flood Zone 3b (1:30 extent), Flood Zone 3a (1:100 extent), and Flood Zone 2 (1:1000 extent).

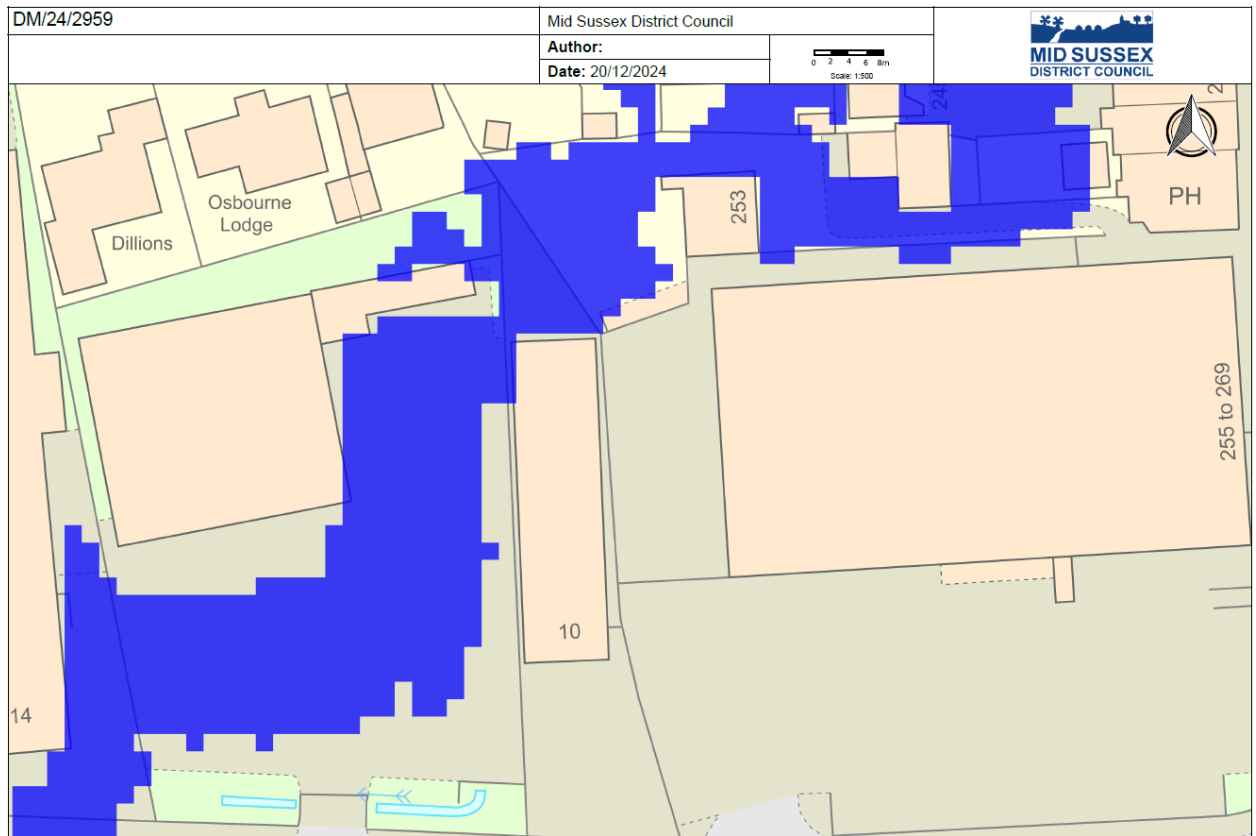
Annual exceedance	Flood Zone	Surface Water Flood Risk
Greater than 3.3% (>1:30-year)	3b	High
Between 1% and 3.3% (1:100-year and 1:30-year)	3a	Medium
Between 0.1% and 1% (1:1,000-year and 1:100-year)	2	Low
Less than 0.1% (<1:1,000-year)	1	Very Low

The PPG states that the design flood event for surface water is the 1:100 plus an allowance for climate change which is the same as for river flood events.

The Mid Sussex's Strategic Flood Risk Assessment provides guidance on when areas should be considered functional flood plain (Flood Zone 3b), these are:

- All areas within present-day Flood Zone 3*
- Any land impacted by the 1:30 flood extent or designed to flood during a 1:100 event, and*
- Areas of high surface water flood risk (1:30 extent)*

Based on the latest guidance that all sources of flooding should be considered consistently the site meets one of the reasons an area would be considered functional floodplain (Flood Zone 3b); it's location within the 1:30 surface water flood extent.



The proposed development is a ‘more vulnerable’ development.

It is the Flood Risk and Drainage Team’s findings that, following the latest guidance on assessing flood risk the site is located within the equivalent of Flood Zone 3b (1:30 flood extent) and the proposed development is a more vulnerable development.

As per the Environment Agency standing advice for minor extensions, development within the 1:30 flood extent is not permissible. In the event that the proposal is outside of this extent then additional resistance and resilience mitigation will need to be evidenced at this location, as this development is classified as ‘more vulnerable’

In addition, the Flood and Drainage Team would have no objection to the scheme if surface water modelling can be provided which demonstrates that the development design ensures that, for the 1:100 year + climate change event:

- *Site users are safe in the event of a flood*
- *There is no loss of floodplain storage*
- *There is no impedance of overland flows*
- *There is no increase in flood risk*

Receipt of the requested additional information does not mean further information will not be requested, nor does it guarantee that the Flood Risk and Drainage Team will not object to the development. Neither does it prevent the team from recommending a flood risk or drainage condition.

Best Wishes

Flood Risk and Drainage Team
Estate Services & Building Control
Mid Sussex District Council
drainage@midsussex.gov.uk