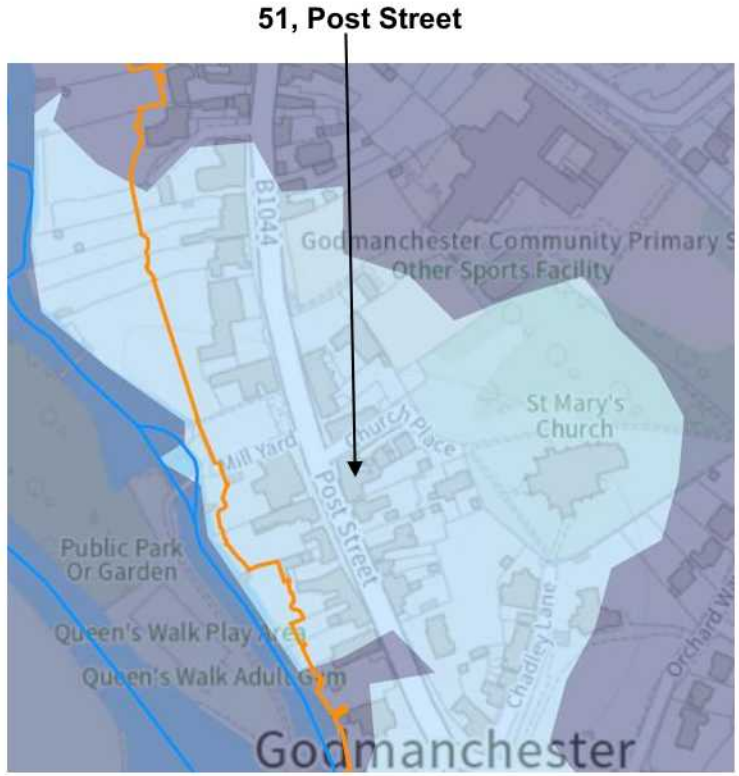
Flood Risk Assessment

The application site is in flood zone 2

FLOOD LEVEL INFORMATION:



- Post Street at a point in front of the application property is approximately 10.0m above sea level.
- The known or modelled 1 in 100 annual probability river flood is approximately 9.8m above sea level.
- The floor level of the extension will be approximately 0.4m above road level and will therefore be 0.6m (600mm) above the known or modelled 1 in 100 annual probability river flood.

FLOOD MITIGATION (in addition to the height of the extension floor):

- The proposed extension will be constructed incorporating a ground bearing slab foundation with PIR closed cell insulation and a continuous membrane.
- The DPC will be a minimum of 150mm above ground level.
- The floor level will be raised approximately 125- 150mm above that of the house.
- External walls will be brick work laid with lime mortar to facilitate breathability and improve drying times.
- Internal walls will be aerated concrete blocks and dry lined to facilitate minimal disruption if repairs become necessary.
- The French doors will be fitted with substantial seals to minimise the ingress of water.