

# Water Management Statement

## Project: 01161

Proposal: Location: The Bramleys, Aston on Carrant GL20 8HL  
Project: Proposed two storey side extension and single storey rear extension

This water management statement has been create in support of the proposed works at The Bramleys, Aston on Carrant GL20 8HL

The water management plan has been considered relative to the scale of the proposed works.

The below explores the options for the proposed works. The majority of the existing property's garden is either grass lawns and planting.

### **Hydro braking and green roofs**

Green roofs have been considered, but not continued within the design. The proposed rear extension is only to be single storey. The pitched roof will also not be appropriate for the system to be effective.

### **Soak aways**

Soak aways have been explored but have not been chosen as the land is not large enough to locate the soak away 5m away from the house and also 2.5m away from a boundary. For this same reasons swales and ponds are also not an options for this development.

### **Permeable paving**

Permeable paving will be use as much as possible.

### **Rain water tank**

The main option for SUDs in the proposed is by way of attenuation this will be achieved by the way of water butts. The water will then be reused within the garden for watering plants. The water butts are aimed to reduce the storm run off by way of collection, the rain water butt will then over fill into a localised small soak away. The remaining rain water will connected to the existing rain water system.