

### **FLOOD RISK ASSESSMENT**

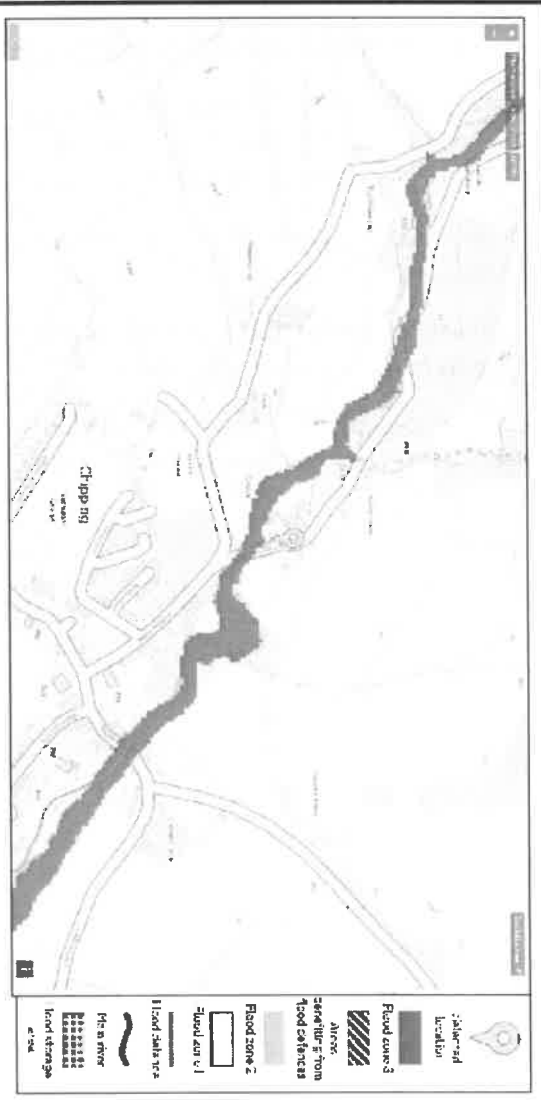
#### **DDA Compliant ramp from garden wall to front door of property.**

The property is located in Chipping, Preston. The application site is located next to Dobson's Brook and is within flood zone 2 on The Environment Agency Flood Map. It is unknown whether flood defences on Dobson's Brook have been improved over previous years.

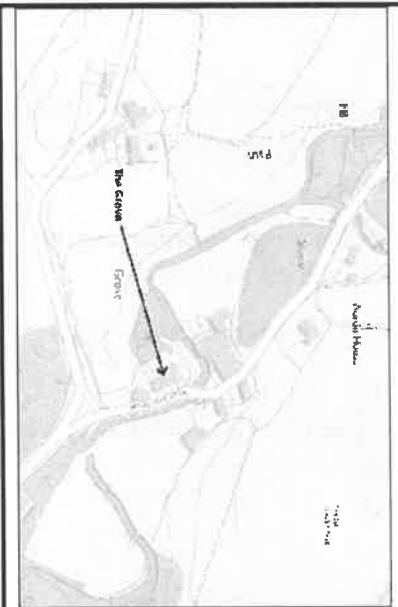
Dobson's Brook flows parallel to the front elevation of the property. Between the brook and the front elevation of the property there lies a "B" road and the properties' front garden.

It is unknown whether the current site is defended to 1 in 50 years, and the requirement of the Environment Agency is 1 in 100 years.

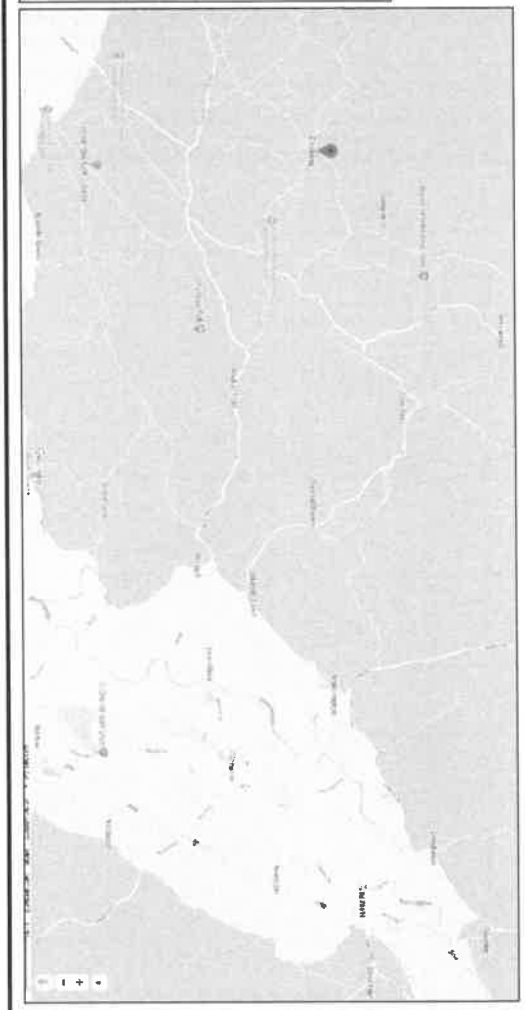
We intend to construct a DDA compliant concrete ramp from the highway to the front door. Levels cannot be altered as this is an existing building and was built in 1860.



Above: Environment Agency Flood Risk Map. Dobson's Brook flows parallel to the front elevation of the property.



Below: Map showing path of Dobson's Brook.



Babur Location Plan

**Appendix 9 - Flood Risk Assessment Map**

**Onward**  
Civil Engineering Services

**Project Information**  
 Project Name: [Redacted]  
 Client: [Redacted]  
 Date: [Redacted]  
 Scale: [Redacted]

**Map Information**  
 Map Scale: 1:500  
 Map Date: [Redacted]  
 Map Author: [Redacted]

**Flood Risk Assessment:**

i. What flood zone is the site in?	<i>Flood Zone 2 &amp; 3</i>
ii. What is the flood level, if known?	<i>Unknown</i>
iii. Is the site protected by flood defences - if so what standard do they provide?	<i>Dobson's Brook has a high walled banking where it passes the properties in question. It is unknown whether there are any current flood defences in place.</i>
iv. What is the existing ground level of the site Above Ordnance Datum (AOD)?	<i>118.3m AOD</i>
v. What are the proposed levels of your development?	<i>Floor levels not applicable as this is not a development site for housing.</i>
vi. How will surface water be drained?	<i>Mains drainage &amp; existing arrangements.</i>
vii. Where a change of use of an existing building is proposed an option may be to use damage limitation and flood protection products.	<i>If required, flood defences could be installed to the front &amp; rear doors of the property. Example shown below.</i>

**Example flood defence solution:**

