1 Mash Barn Lane - Flood Risk Assessment,

This property is located within Flood Zone 2 and 3 and as such certain requirements exist and can confirm that I am making my client and the proposed contractor aware of this.

The floors of the property are timber and concrete at lower level. The extension floor will be concrete. If proved to be deemed necessary all new external doors are to be flood doors which will need to conform to the standard set of tests as defined in PAS 1188 – 1:2014. Manufacturers of the installed doors will be required to confirm their BSI kitemark status. Preference should be given to doors with 'Active Seals' – those that utilise the pressure of the water to increase the sealing capabilities – rather than 'Passive Seals'. Zero leakage at 600mm depth of water will be required. If deemed necessary replace all air bricks with 'Self-sealing' airbricks – StormMeister Self sealing airbricks or similar.

It can also be confirmed that the extension will be built with the floor level no lower than that of the existing floor level of the property and that any electrical power points and switching will be set at points above flood level. A height of 1m should be adequate. It is not believed that, due to the age of the property, any other power is set at such a high level. Therefore the power to be installed in the extension will be the latter to be affected by any possible flood.

No work will take place that will make any floor level lower than that of the existing floor level of the property and that all electrical power points and switching will be set at points above flood level. A height of 600mm should be adequate. Any new mains and distribution board will also be positioned at a minimum of 600mm above floor level.

Applicant to choose one or other of the flood mitigation measures below	**Applicant to provide the LPA with the supporting information detailed below as part of their FRA**	**Applicant to indicate their choice in the box below. Enter 'yes' or 'no'.**
Either; Floor levels within the proposed development will be set no lower than existing levels AND, flood proofing of the proposed development has been incorporated where appropriate.	Details of any flood proofing / resilience and resistance techniques, to be included in accordance with '*Improving the flood performance of new buildings*' CLG (2007)	YES
OR; Floor levels within the extension will be set 300mm above the known or modelled 1 in 100 annual probability river flood (1%) or 1 in 200 annual probability sea flood (0.5%) in any year. This flood level is the extent of the Flood Zones	This must be demonstrated by a plan that shows finished floor levels relative to the known or modelled flood level. All levels should be stated in relation to Ordnance Datum[1]	