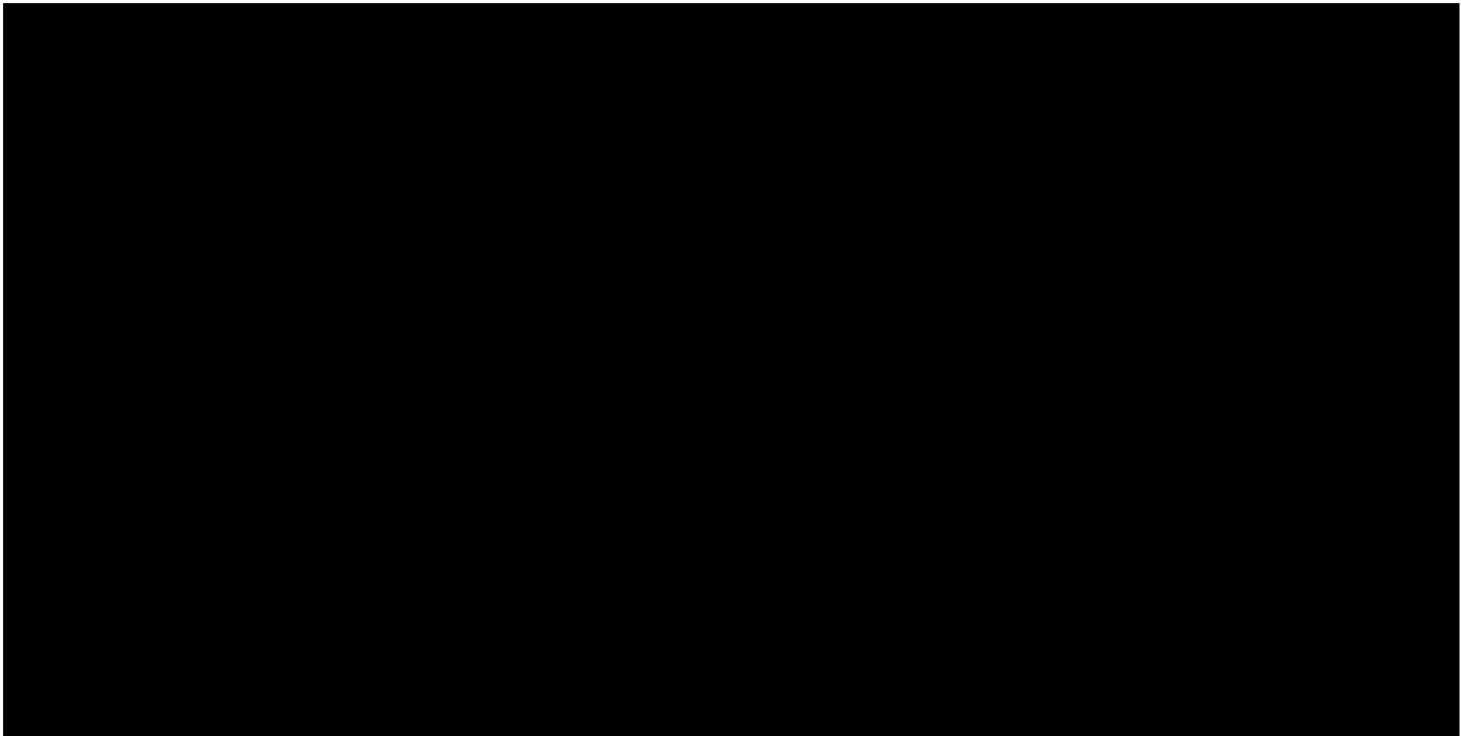




From: Charlotte Burrows **On Behalf Of** Planning.Responses
Sent: 11 September 2017 09:23
To: Karen Garner
Subject: FW: Further Information Required on Your Ref: PP-06341280 Our Ref: AL/98/17/HH

From: Simon Brodrick [REDACTED]
Sent: 10 September 2017 21:13
To: Planning.Responses
Subject: Re: Further Information Required on Your Ref: PP-06341280 Our Ref: AL/98/17/HH

Further to your letter attached to the email below please find details of Flood Risk Assessment although my research showed it did not require one.

Also attached is revised drawing no 1 showing the roof details.

Kind regards

Simon R Brodrick
sbdesignservices

From: "planning.responses@arun.gov.uk" <planning.responses@arun.gov.uk>
To: [REDACTED]
Sent: Monday, 4 September 2017, 18:03
Subject: Further Information Required on Your Ref: PP-06341280 Our Ref: AL/98/17/HH

<http://www.arun.gov.uk>

NLPG UPRN 100062237016

DX 57406 Littlehampton

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Flood Risk Assessment

The Government website shows the property as being in Flood Zone 1 and therefore not requiring a Flood Risk Assessment. The property is neither at risk from rivers or seas nor from surface water. Details from the Government website are detailed below.

Your proposed development is in an area with a low probability of flooding

FLOOD ZONE 1

Land and property in flood zone 1 have a low probability of flooding

[More information about flood zones](#)

1 You don't need to do a flood risk assessment if your development is in flood zone 1 and:

- smaller than one hectare
- is not affected by sources of flooding other than rivers and the sea, for example surface water drains

Flood risk from rivers or the sea

☐ Extent of flooding

Flood risk from surface water

☒ Extent of flooding

Flood risk from reservoirs

☐ Extent of flooding

Flood risk from rivers or the sea

☒ Extent of flooding

Flood risk from surface water

☐ Extent of flooding

Flood risk from reservoirs

☐ Extent of flooding

However details are provided as requested on mitigation measures to be taken:

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	

Flood Risk Assessment,

This property is located within Flood Zone 1 and whilst mitigation measures are not necessary I can confirm that I am making my client and the proposed contractor aware of the measures to be taken.

No work that is being carried out in this proposal will increase the flood risk to the property or elsewhere.

Mitigation Measures:

The floors of the property are timber and concrete at lower level. 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.

LIDSEY FOUL WATER

The soil drain from the new extension will pass into the existing drain at the rear of the property and then to the main public drain serving the area. No additional drainage volume will be discharged into the drain as the kitchen, shower-room and utility is a like for like replacement.