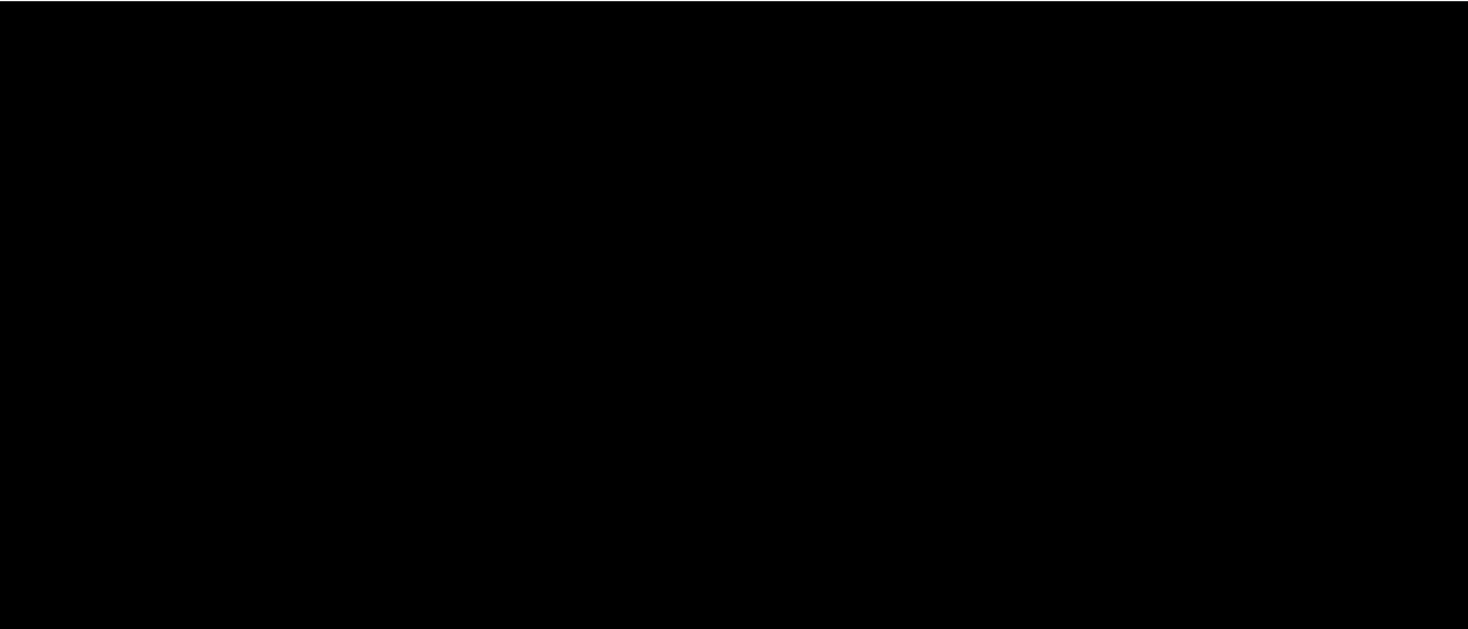
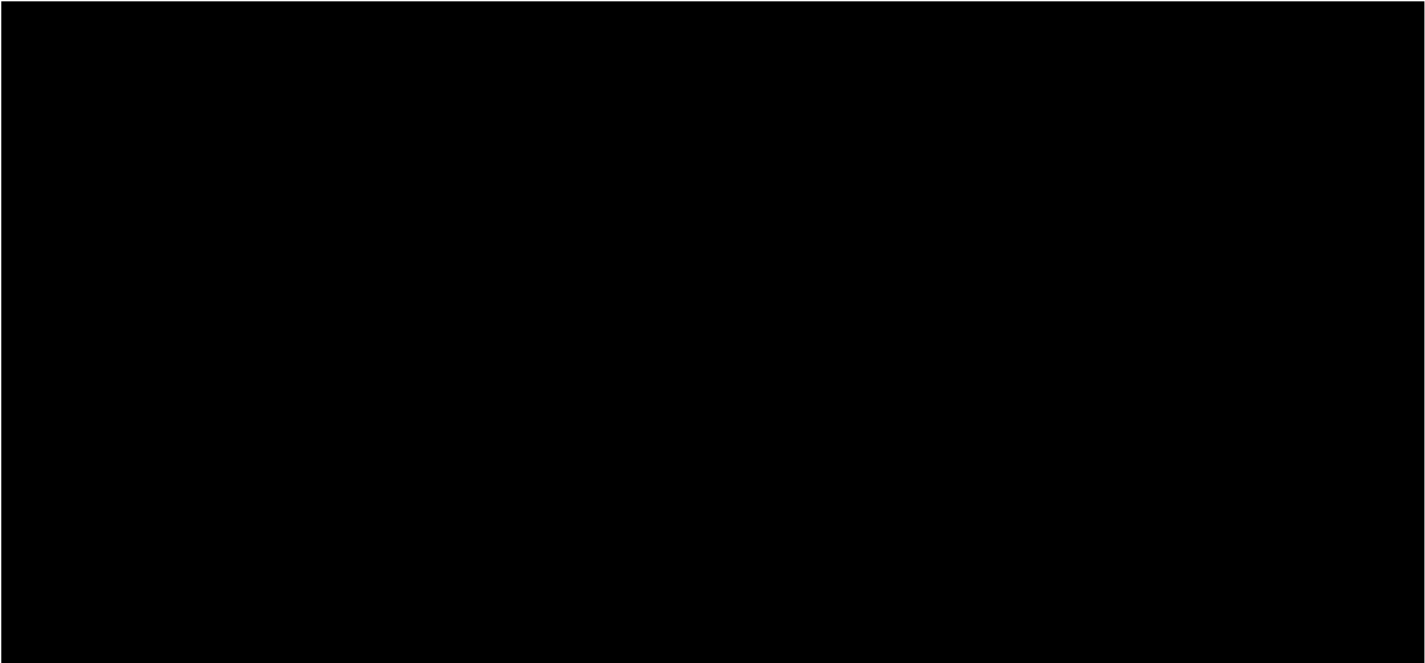


From: Brown, Sophie [REDACTED]
Sent: 26 January 2016 13:21
To: Richard Temple
Subject: BN/29/15/PL - Barnham Court Solar Farm
Importance: High

Hi Richard,

I have had a word with the Flood Specialist for this application and he has said he would be willing to amend the condition (as set out below) as a result of looking at the new and updated modeling.

Following the updated modelling, the applicant only needs to raise the panels by about 0.5m above what is already being proposed on drawing (2768_04). This is much less than we originally conditioned - due to more detailed modelling. Note also that we do not require a free board of 300mm. We would just advise that the panels are above the fluvial 1% plus Climate Change level.

Condition

The development hereby permitted shall not be commenced until such time as a scheme to ensure no net loss of floodplain storage has been submitted to, and approved in writing by, the local planning authority.

We advise that the solar panels are erected no lower than the fluvial 1 in 100 year plus climate Change level (1% Annual Exceedance Probability plus 20% allowance for climate change). The solar panels must therefore be no lower than 2.31m above Ordnance Datum (AOD). This is opposed to the proposed level of just 800mm above existing ground level (around 1.8mAOD) as indicated in Drawing number 2768_04 (Typical Panel Elevations).

The scheme shall be fully implemented and subsequently maintained, in accordance with the timing / phasing arrangements embodied within the scheme, or within any other period as may subsequently be agreed, in writing, by the local planning authority.

Reason

To prevent flooding elsewhere by ensuring no net loss of floodplain storage and ensuring flood flows are not impeded by the solar panel structures.

To reduce the risk of flooding to the development and subsequent damage.

I have asked him to consider, flood compensation storage, he is looking into that now, but still concerned about the loss of floodplain and the affect on the flood flow levels.

Let me know what you think and I will get back to you about the compensation storage idea.

Many thanks,

Sophie

Sophie Brown | Planning Advisor | Sustainable Places East | Solent and South Downs Area | Environment Planning and Engagement
Environment Agency | Guildbourne House | Chatsworth Road | Worthing | BN11 1LD

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