

From: [Laura Garth](#)
To: [Laura Garth](#)
Subject: FW: 19NP0093 Former Cricket Ground
Date: 27 November 2019 16:22:48

From: Clare Grundy [REDACTED]
Sent: 26 November 2019 12:06
To: Colin Godfrey
Subject: RE: 19NP0093 Former Cricket Ground

Hello Colin,

Thank you for your latest email. I have consulted our Ecologist about the bats and I attach his response for reference. It seems rather a difficult exercise to introduce crevices into the existing bothy so we would rather follow his suggestion of mounting a bat box on the South end of the building and a further bat box in one of the retained trees. I appreciate that this does not entirely meet your Ecologist's preference for more permanent roosts but there are complexities associated with introducing bat slates and therefore ventilating the roof structure and limited, low level areas of masonry provides little opportunity to form crevices in the new building. Could we therefore compromise with the 2no. aforementioned bat boxes, and 1no. further boxes mounted on a timber-clad elevation of the new building? We hope this represents a reasonable compromise given that no existing roosts have been identified on site and the potential is considered low?

We confirm that the proposal would be to revert to the original window design but obscure the section of window on the West elevation.

We also confirm that the intention is to connect to the mains water, and the soakaway would be located in the field beyond the garden boundary to the South, most likely towards the South-East.

With regard to the PVs, we have slightly rejigged the layout to accommodate 12no. 300W panels organised in a landscape format, 2no. high. We have used Viridian panels on a couple of previous projects as they provide an integrated system which sit flush with the roof finish (see attached brochure); something we think looks better considered. Based on a calculation prepared for one of these other projects where 13no. panels were installed, it was suggested that this would produce approximately 3500kWh per annum in the first year, reducing to nearer 3000kWh after 20 years. Obviously this calculation takes account of variables including shading, roof pitch etc. but it was still within Northumberland so hopefully offers a fairly accurate guide.

Our clients were also hoping to use geothermal technology to provide their heating, hence the large plant room at basement level.

Will you need updated drawings locating the soakaway and to show the minor adjustment to the arrangement of PVs on the roof?

Kind regards,
Clare

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