

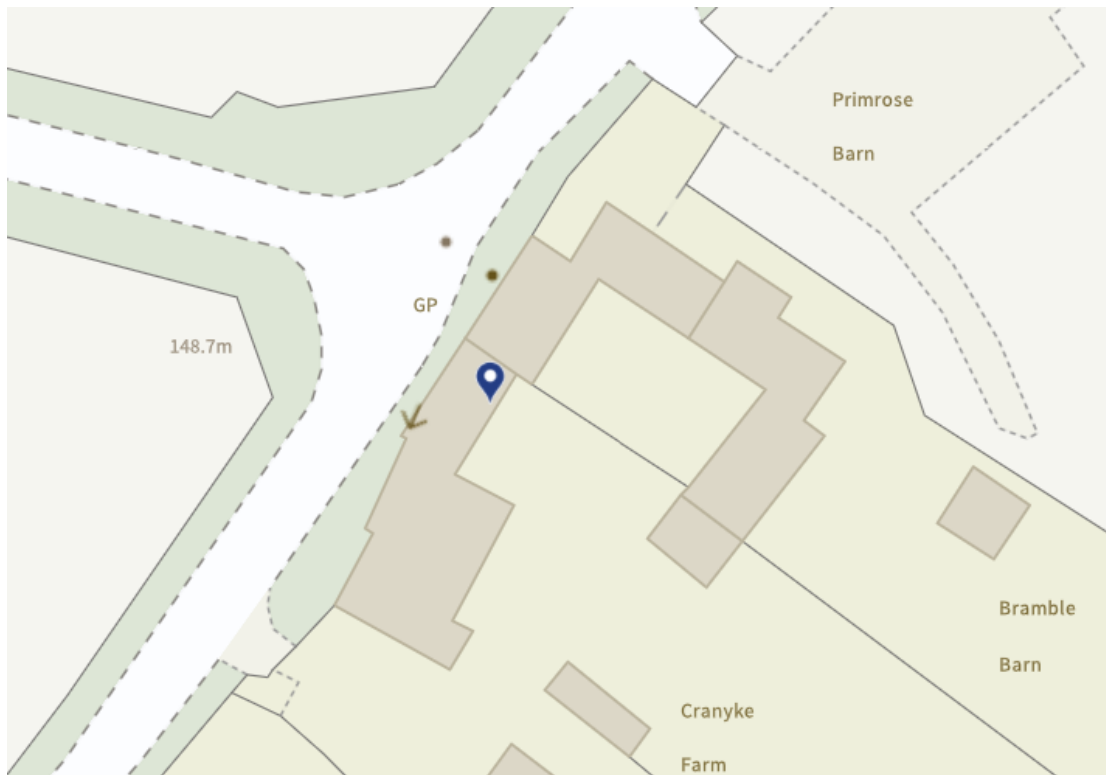
Proposed installation of solar panels at Primrose Barn Eastwell Rd Scalford LE14 4SS

Introduction

We the current owners of Primrose Barn Mr & Mrs R A Felstead have prepared this statement in support of the listed building consent required for the installation of solar panels

We do fully understand the heritage significance of this old farmstead namely Cranyke Farmhouse

As the conversions of Primrose and Bramble Barns, form part of the original footprint of the site they are subject to the constraints of listing at Cranyke Farmhouse, an original Farmstead outside the village core. Listed as grade II by Heritage England entry number 1075030 (and although the address listed is different from the one currently in use it is identifiable by the location map below)



We would like to reference the heritage statement produced for the original planning application, which was granted for the conversions back in 2019 (attachment 1) this gives an overview of the significance of the site.

Our understanding has that the historical significance is not in the architecture of the building but rather the layout of the site, which forms the enclosed farmstead. This has been maintained during the conversion of the Barns by leaving the original footprint and the roadside view mostly unchanged. Therefore in our opinion the addition of solar panels does not adversely harm the site.

In the conversion of these barns although original openings were maintained, large areas have been rebuilt and modern building materials used to construct two up to date energy efficient homes. As detailed in the rear elevation images below.



BEFORE



AFTER

The proposal

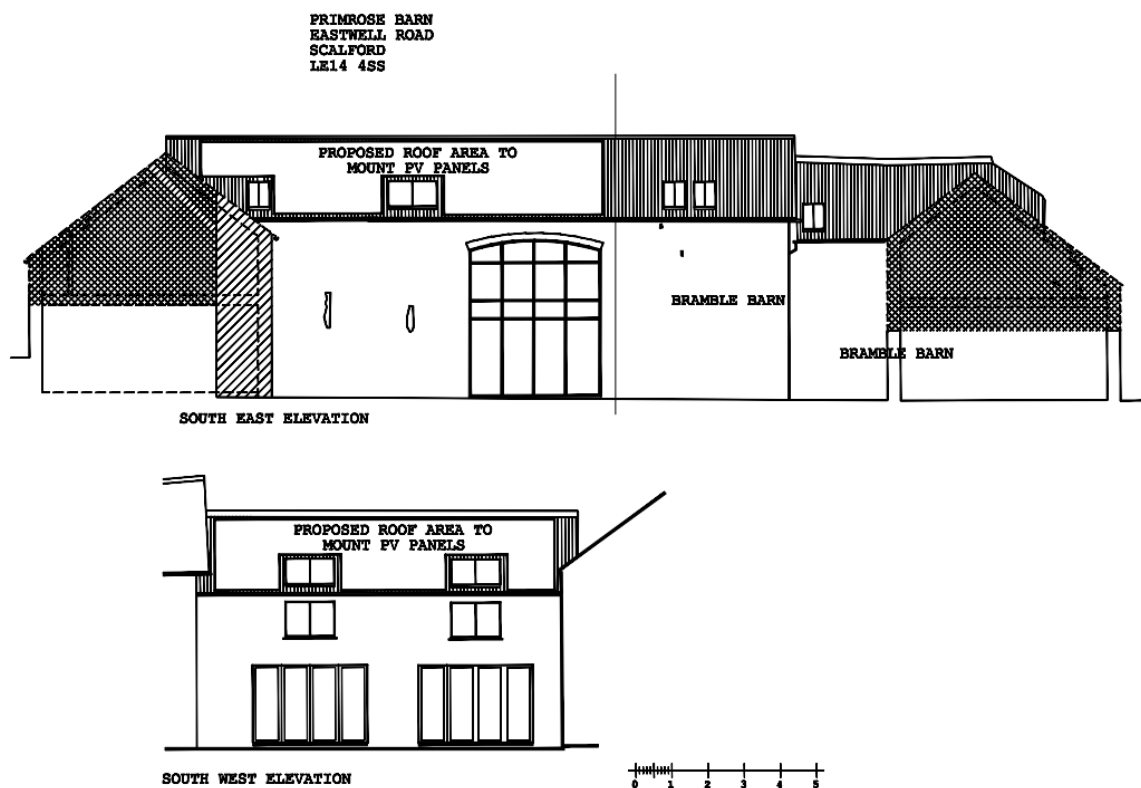
We are proposing to install up to 24 solar panels on the southeast and southwest-facing roof of Primrose Barn. The roof is already of modern construction 2020.

The panels will be mounted in portrait orientation on suitable brackets fixed to the wooden roof trusses underneath the pan tiles. The pan tiles will be retained under the panels and no other alterations to the roof structure or its coverings will be made. The roof pitch is ideally suited and the panels will be mounted so that no part extends beyond the ridge of neither the roof nor more than 0.2m above the pan tiles.

All connecting wires will be run inside the roof space to the electrical consumer unit in the main house. The dimensions of each panel will be approximately 1700mm x 1010mm, with the precise size depending on the chosen manufacturer and availability of panels at the time of installation. (attachment 2)

The number of solar panels to be installed will not exceed 24 in total. The actual number will depend on the manufacturer chosen and the output rating of each panel at the time of installation,

The installation is to the rear of the property and will not be visible from the road. The only view of the panels would be from the rear garden of Cranyke Farm looking north. The view of this elevation already consists of two new roof structures using modern building materials. To which the PV panels will be surface mounted as described above. As shown on the drawings below (attachment 3)



Conclusion

It would seem an opportunity missed not to incorporate PV panels to this dwelling to further enhance the Eco credentials already incorporated i.e. Ground source heat pump, high levels of insulation and double glazed windows. During the course of a typical year, this level of renewable micro-generation will make a significant contribution to reducing the 'carbon footprint', and meeting the electricity requirements, of Primrose Barn, The panels will also provide power for charging an electric car, when the we acquire one in the future.

Our understanding is that Historic England have published advice for those seeking to improve the energy efficiency of historic buildings by encouraging solar panel and heat pump installations.

The Historic England Advice Note (HEAN) aims to simplify the planning process for those making eco-friendly improvements to listed buildings and reduce their carbon emissions.

It is hoped this will make the planning process clearer for heritage buildings and help promote sustainable energy, such as heat pumps and solar panels, in England's heritage buildings in order to help Historic England meet its net zero goals.

RA Felstead
SA Felstead

Jan 2024