



Proposed Ground Based Solar Panels

Pettwood, Ipswich Road, Holbrook

DESIGN & ACCESS STATEMENT

**Mr & Mrs D Saulter
November 2023**

Proposed Ground Based Solar Panels

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Design & Access Statement –

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Proposed Ground Based Solar Panels

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Introduction

Pettwood (List Entry: 1389571) was originally built in 1823 for Reverend Holmes and today sits in a 2.95 acres parkland style setting, in the centre of the village, with many mature trees, and is well screened from its neighbours.



View to Pettwood from private driveway

Site

The site amounts to 2.95 acres.



Site Location Plan

Continued.....

Proposed Ground Based Solar Panels

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Use & Amount

The proposals are for 35 ground based solar panels to serve Pettwood House and ensure the property can increase its sustainability, relying less on fossil fuel energy and therefore safeguarding its future given the developing energy crisis.

Layout

The layout of the solar panels is such that it is conveniently placed in the North Eastern corner of the site which allows it to be well screened by the previously approved pool house and the Eastern boundary of laurel hedging (around 1.8m in height). The clear southern half of the curtilage allows ideal exposure to sunlight for the majority of daylight hours, therefore making this an ideal location for the proposed ground based solar panels.



Private drive with existing hedging, to the right, screening solar panels from view.



Block plan showing proposed area (orange hatch) is screened from three sides.

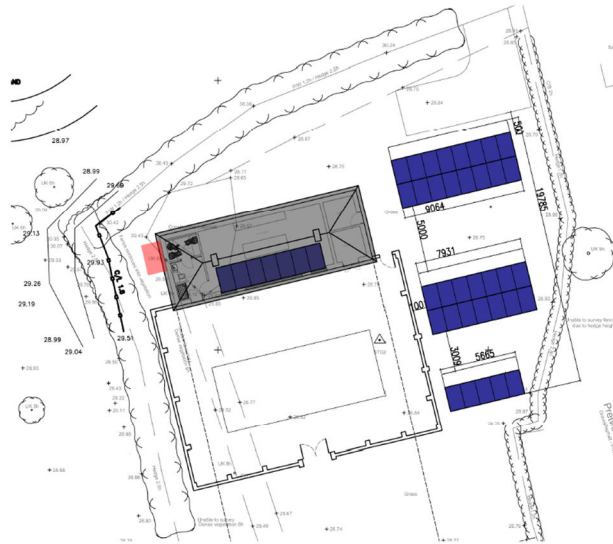
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Proposed Ground Based Solar Panels

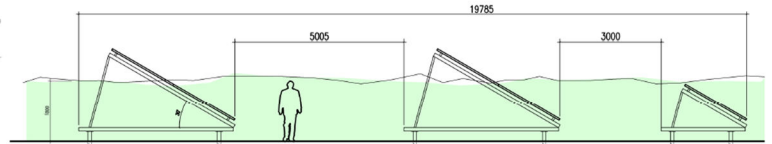
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Scale

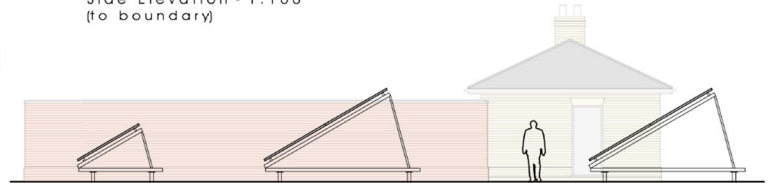
The new ground based panels have been specifically designed for the available area of garden to the North East corner of the curtilage. The adjacent hedging and garden walling screens the solar panels from neighbouring houses as well as Pettwood house itself.



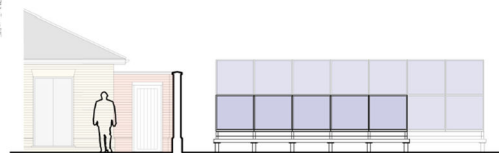
Solar panel layout - 1:250



Side Elevation - 1:100
(to boundary)



Side Elevation - 1:100
(to pool house)



Front Elevation - 1:100
(to entrance drive)

Appearance

The appearance of the panels is in line with the standard ground based solar panel design with aluminium framing to support the panels. The framing is supported by ground screws. These are raised off the ground slightly meaning minimal interruption to the adjacent properties during installation, and the wildlife once in place.



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Proposed Ground Based Solar Panels

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Access – vehicle

There is ample parking for vehicles on the property. The works will not affect the vehicle movements to and from the property.

Previous Consultations.

We contacted the Babergh planning department for informal advice on whether we should make a full application, given Pettwood House being Grade II listed. It was advised that we did apply for permission, although this type of application would ordinarily be permitted development on other properties. It must also be noted that presently, Babergh DC are currently conducting a consultation on 'Local Listed Building Consent Orders'. This will explore a way to help listed building owners make their properties more energy-efficient and sustainable, whilst still preserving their historical significance.

Conclusion

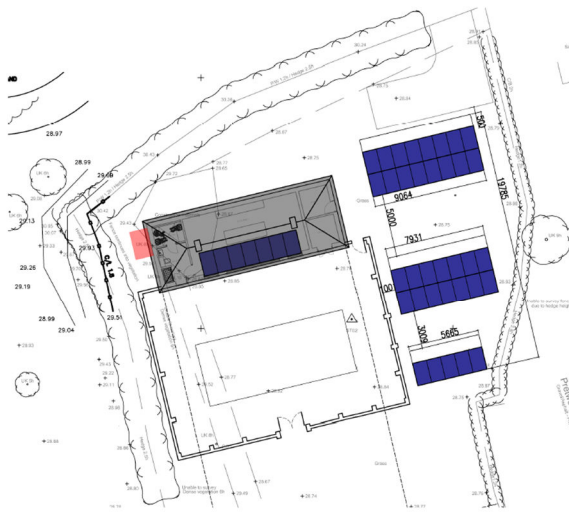
Given the above consultation on 'Local Listed Building Consent Orders' we feel our client is carrying out the works specifically mentioned within the consultation whilst also making every effort to preserve Pettwood's historical importance. They are utilising the land in a sensitive manner therefore not detracting from Pettwood's importance to the local area and setting within the curtilage. The necessary work will ensure the property is being made more sustainable, safeguarding its future as a family home within the Holbrook Community.

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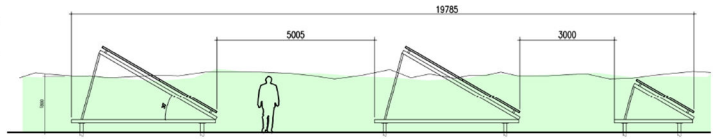
Proposed Ground Based Solar Panels

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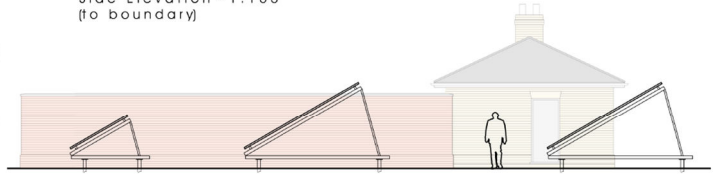
Proposed Plan & Elevations



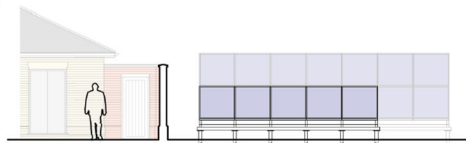
Solar panel layout - 1:250



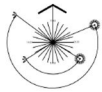
Side Elevation - 1:100
(to boundary)



Side Elevation - 1:100
(to pool house)



Front Elevation - 1:100
(to entrance drive)



scale bar - 1:100 @ A3



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PROJECT: Mr & Mrs Sautter
Pool & Pool House
Petwood
Holbrook

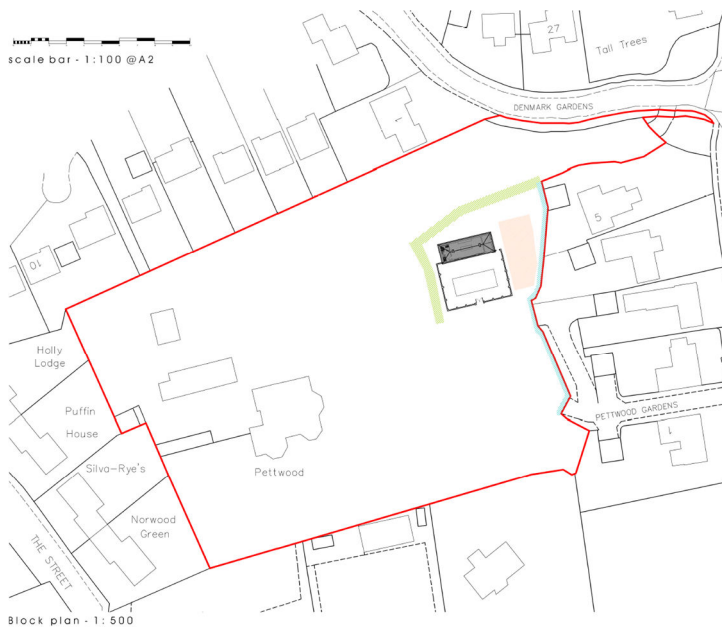
DRAWING: Solar panel layout

SCALE: 1:250 & 1:100 @ A3 DATE: November 2023

DRAWING NO: 2859/22:11 REVISION:

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Check all dimensions on site prior to commencement - refer any discrepancies to architect.

Part Block Plan



Block plan - 1:500



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DRAWING: Proposed Block Plan

SCALE: 1:500 @ A2 DATE: 09th July 2022

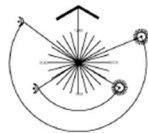
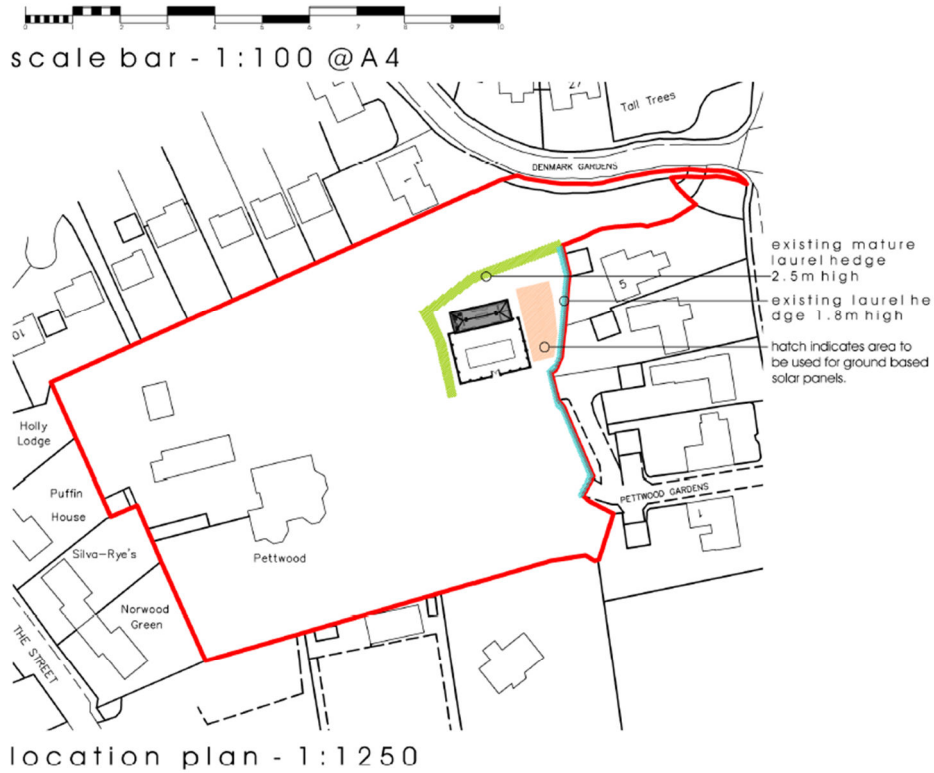
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Location Plan



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DRAWING: Location Plan

SCALE: 1:1250 @ A4 DATE: July 2022

DRAWING NO: 2859:22:10 REVISION:

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Proposed Ground Based Solar Panels

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Examples of ground based solar panels



END.