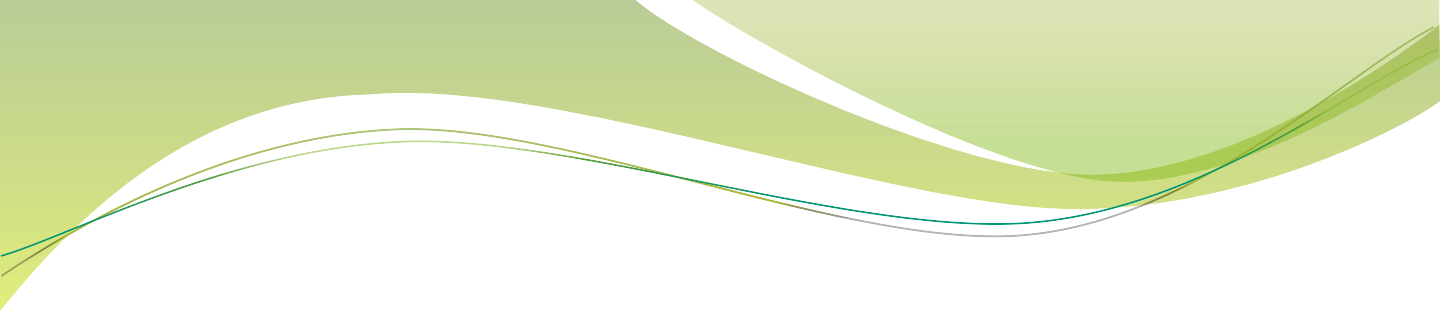
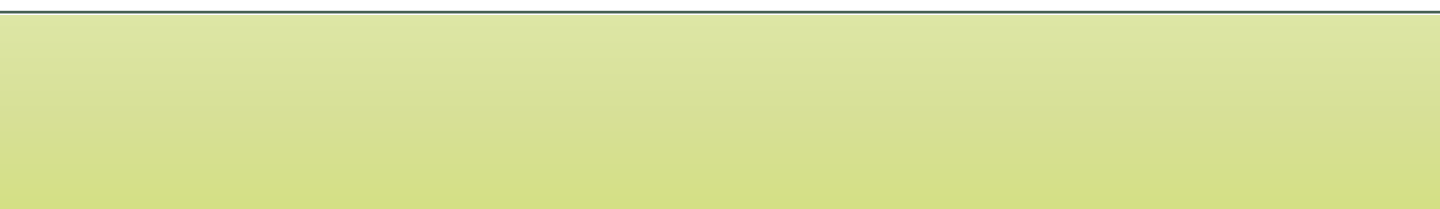




Design, Access & Heritage Statement

Installation of a Domestic Solar PV system

Langton House
Meopham Green
Meopham
Gravesend
Kent
DA13 0PY



The Project



Project: Langton House, Meopham Green, Meopham, Gravesend, Kent, DA13 0PY

- **Installation of a 10 panel Domestic Solar PV Array. to be placed on the Front & Rear facing roof.**
- Date: 12/01/2026
- Authority: Gravesham Borough Council
- This Design, Access & Heritage Statement has been prepared by Project Solar UK on behalf of the Applicant to accompany the submission of a Householder application for the installation of a Solar PV array on the roof of the property.

General

- Langton House is located within the Meopham Green, Meopham Conservation Area
- The application proposal is for the addition of solar panels on the front & rear roof slopes.
- Other properties located on Steele's Lane already benefit from solar installations.
- The panels will be positioned on the South facing roof pitch's, panel colour -Black, data sheet for panel will accompany the application.
- This statement should be read in conjunction with the plans and supporting documents that have been submitted with the planning application.



:Aerial view of proposed panel location

General



Image Above: Proposed location - Front Roof.



Image Above: Proposed location - Rear Roof.

Local History

The application site is located within the Meopham Green, Meopham Conservation Area. with an Article 4 in place.

The property is located on Steele's Lane to the east of the green.

The property has no significant monuments, registered areas, or protected features. The front proposed roof slope faces Steele's Lane and Meopham Cricket Club.

The proposed development will have no significant impact on the surrounding area.

There are four designated conservation areas within Meopham

1. Hook Green,

2. The Street,

3. Meopham Green

4. Harvel

Meopham Green

Meopham Green lies about three-quarters of a mile further to the south and is the third conservation area astride Wrotham Road (A227) and the approach faces the Village War memorial. On the far side of the Green stands the fine listed smock Windmill which was built in 1801. There are several buildings of historical note that appear on the local list of importance, including the two restaurants The Cricketers and The Kings Arms, Mill House, Wellington House, Basque Cottage, Oast Farm and Pitfield Lodge, but only Barnside at the northern end is currently listed.

Planning History

Planning Applications (8)

- The felling of one large Eucalyptus Tree in the rear garden.
• Ref. No: 20140790 | Status: Consent
- G1 - removal of two Eucalyptus saplings and one Conifer tree to ground level, and the removal of two stems and a trim to tidy of one Viburnum tree. G2 - the pollarding of one Arbutus to 1.5 meters from ground level, a trim to tidy of one variegated Holly tree and one Cherry Laurel tree. Both groups are located in the rear garden.
• Ref. No: 20220550 | Status: Consent
- Erection of a replacement swimming pool enclosure roof.
• Ref. No: 20220834 | Status: Application Permitted
- Works to trees in a Conservation Area; The removal of one dead Corkscrew Willow Tree.
• Ref. No: 20230820 | Status: Consent
- Works to trees in a Conservation Area; 1 x semi-mature Eucalyptus Tree on the boundary - dismantle to ground level due to severe basal decay and damage to wall. 1 x Magnolia Tree in rear garden - to be pruned to shape. 1 x Goat Willow Tree behind the garage in the rear garden - to be pollarded to the previously established cut levels. Shrub adjacent to the Magnolia - to be trimmed to form a neat and tidy ball.
• Ref. No: 20250838 | Status: Consent
- Erection of single storey extension to poolside outbuildings to form fitness/exercise room.
• Ref. No: 19990826 | Status: Application Permitted
- Demolition and rebuild of poolside outbuildings with associated repairs.
• Ref. No: 19990543 | Status: Application Permitted
- Retention of roof over existing swimming pool at side
• Ref. No: 19770327 | Status: Application Permitted

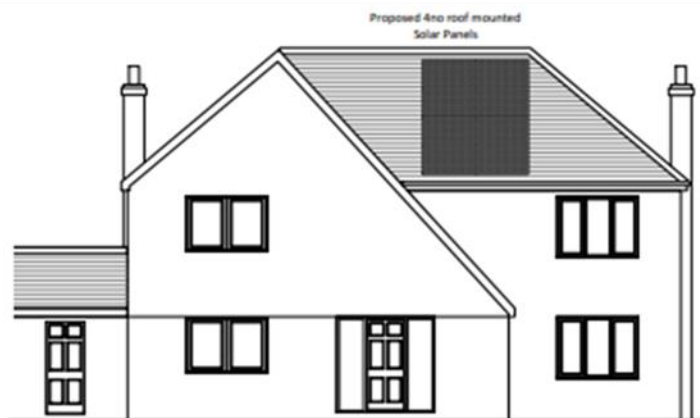
Access

- Our proposal will have no impact on access to and from the property or the surrounding area during and post installation.

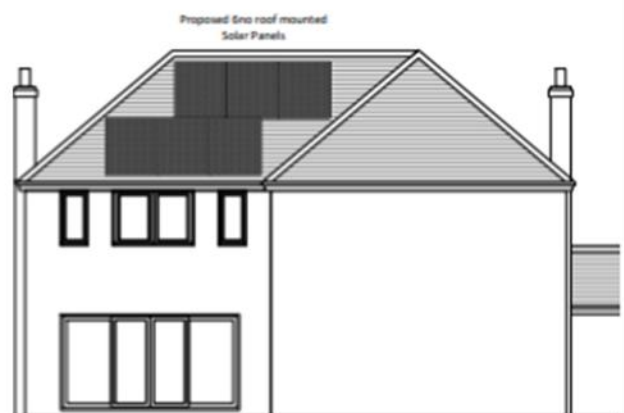


Design

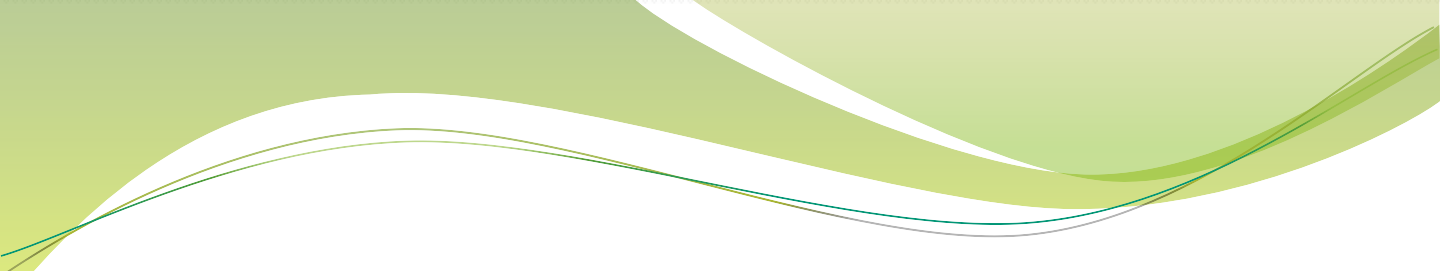
- A lot of thought was put in as to positioning of the system, the aesthetics of the system and the visibility of the system within the surrounding area. There will be minimal or no impact to the surrounding area.
- Solar Panel Mesh - Galvanised Steel and Black PVC Coated 22 Gauge (Black PVC Coating to 1.42mm)Coating to 1.42mm) blends the system into the Rosemay tile roof.



PROPOSED FRONT ELEVATION



PROPOSED REAR ELEVATION



Public Benefit & Net Zero By 2050

The Government's commitment to reach Net Zero by 2050.

Public benefit

The government is committed to reaching net zero greenhouse gas emissions by 2050. This target is only reachable as a collective effort and Langton House, should be able to enjoy the same benefits that solar now gives to over 1.2m UK households: cutting bills, cutting emissions. I would suggest that in the current climate, any effort made on an individual's part to save energy and reduce their Carbon Footprint is within the Public Interest.

The role of historic buildings & buildings within a Conservation Area

Improving the energy efficiency of homes is critical to achieving Net Zero by 2050. We must decarbonise the way we heat, cool and power our homes, which will also provide households with cost savings, improvements in thermal comfort and value of their homes.

The UK is home to around 30 million buildings. The Climate Change Committee's 2023 Progress Report to Parliament states that buildings remain the UK's second highest-emitting sector, accounting for 17% of total emissions. The 2022 Council Tax: stock of properties shows that UK has the oldest building stock in Europe, with 5.9 million buildings (21%) built before 1919 and a further 4.3 million (15%) before 1944. Historic England's 2022 data shows there are approximately 350,000 listed dwellings in England, and an estimated 2.8 million homes in conservation areas.

Listed homes and homes within conservation areas are a small but important proportion of the existing UK housing stock. Retrofit of these buildings can be more challenging and costly due to the specific skills and materials required, along with additional permissions required in some cases. It is important, however, to ensure that historic buildings are adapted appropriately, with the right design based on the construction and use of the building, to ensure that the most cost and energy efficient approaches are implemented. Selecting the right measures upfront can help to avoid unnecessary costs further down the line. The special considerations required when assessing the impact on the historic and architectural significance of a building provide an opportunity to ensure the right design for the function and construction of the buildings is developed.

Furthermore, given the age of the UK housing stock, work to lessen the barriers for retrofitting listed homes and those in conservation areas can potentially help to enable broader retrofit of UK buildings, for example through strengthening related supply chains for materials and skills. We therefore recognise that, although historic homes make up only a small part of the retrofit challenge, there are wider benefits to be achieved through progressing work in this area.