

HAVANT BOROUGH COUNCIL
DEVELOPMENT CONTROL

21 JUN 2012

RECEIVED

Havant Borough Council,
Civic Centre Road,
Havant,
Hampshire
PO9 2AX

Re: 68 King Street – Quay House
Ref: Clearance of planning conditions relating to the New Build
Ref: APP/11/01064
FAO: [REDACTED]

[REDACTED] now install some solar to the
[REDACTED] condition to be dealt with as
follows:

- 9 No flues, ducts or other equipment e.g. photovoltaic or similar equipment shall be affixed to the roof without specific approval in writing from the Local Planning Authority.

The solar panels we propose are to reduce the energy consumption of the dwelling and reduce the carbon footprint of the house in use.

The building has been designed and constructed with a strong environmental agenda, this is evident in the following items:

- Core Structure - Structural Insulated Panels which incorporate massive amounts of insulation and create a well-sealed dwelling. They also make good use of otherwise waste timber and come from FSC Forests and are made off site to maximise efficiency and reduce waste.
- Timber external cladding which is from an FSC Forest.
- Zinc roofing material that is recyclable.
- A MHVR [Mechanical Heat and Ventilation Recovery] unit that transfers waste heat from stale air and mixes it with the incoming air so the fresh air is pre heated.

We would like to further these environmental issues to help achieve and exceed the Code for Sustainable Homes criteria that the Planning Conditions as for by installing an array of solar panels on the roof.

We have carefully selected solar panels that are dark in colour and as such blend in with the Anthracite coloured zinc standing seam roof. We have also grouped the panels together so that they appear as one coherent mass rather than a haphazard dotted arrangement. The panels are also on a very shallow pitched roof so that the impact from them when viewed in elevation will not be as strong as if they were placed at 45 degrees – ie. Less of the panel will be presented to the elevations.

We feel that this contemporary building in Emsworth needs solar panels both for reducing its environmental impact but also as a statement to the type of architecture that is representative of a forward thinking borough.

We know that some conservationists do not like solar panels and place traditional aesthetics above global warming issues. We do not see the two items as separate issues and hope that our proposed array of neatly aligned, well-proportioned panels will add to the aesthetic of the building rather than detract from it. We also know that glare can be an issue within the harbour. These panels do not face out into the harbour and the extremely shallow roof that they are in means any glare is reflected upwards and the comparative glare from these compared to the surface of the sea will be very small.

Further information on Panels.

The panels are located on the east elevation only.
They occupy 9.3% of the east facing roof area and 4.2% of the total roof area.
The colour of the panels and the roof are similar. [dark grey]
:

There are precedents of other less sympathetic panels around the harbour which are placed on more conspicuous elevations than what we propose.

We look forward to hearing from you in due course.

Yours Sincerely,



**Martin Helyer
For Helyer Design Ltd**

**Encs. Photographs of Emsworth Solar Panels viewed from the harbour.
Viridian Solar Panel Image.**

Photographs of Emsworth



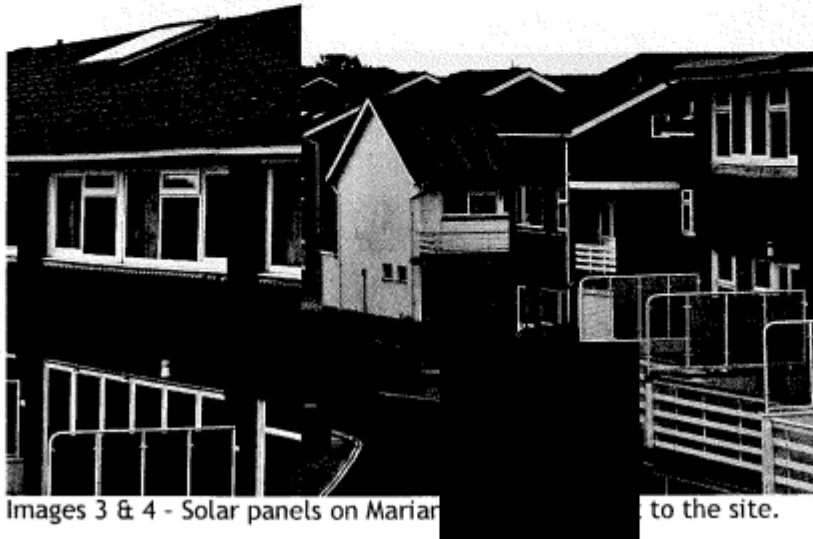
Image 1 - Panels on Marina Close - facing the water - at a steeper angle and at first floor. The panels to the left are in a neat arrangement as we are proposing whereas the ones to the right are shaped irregular which we are not proposing.



Image 2 - Panels near Tower Street - These have a far greater impact on the Harbour and Emsworth Harbour scene. The panels to the right are in a neat arrangement as we are proposing whereas the ones to the left are shaped irregular which we are not proposing.

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Images 3 & 4 - Solar panels on Mariar

to the site.

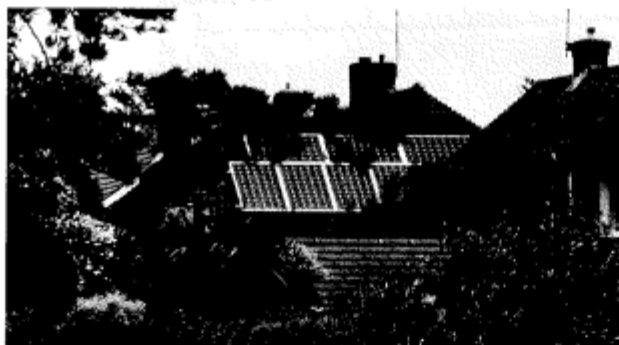


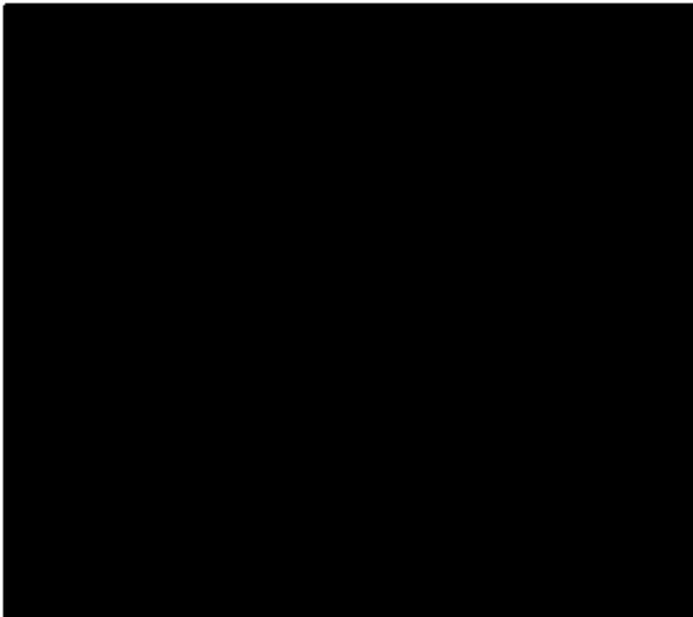
helyerdesign is a sustainability design consultancy specialising in the design and implementation of sustainable buildings and communities. We work with a wide range of clients, from individual homeowners to large commercial organisations, to help them achieve their sustainability goals. Our services include energy audits, sustainable design, and the installation of sustainable technologies. We are passionate about creating a more sustainable future and would be happy to help you on your journey.

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Images 5 & 6 - Solar Panels on a Roofs on Bath Road -more prominent and visible location for panels than our proposals.





ear of Beacon Sqaure area Viewed from the

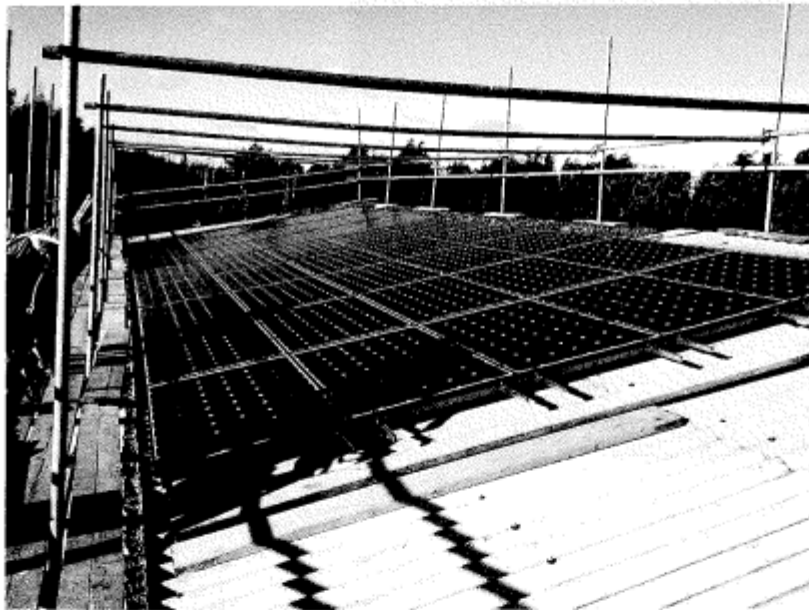


Image 10 - A Viridan Solar array in a neat grid as we are proposing.