The Energy Conservation Group

Havant Borough Council
Civic Offices - Planning Department
HAVANT
Hampshire
PO9 2AX

Date 26 November 2010
Our Ref Barber EC408873
File Ref 40/BARB/8873/BW/08
PP Ref PP- 01300728

DESIGN & ACCESS STATEMENT

Name **Address of applicant**

Mr & Mrs Barber 13 Windsor Road WATERLOOVILLE Hampshire PO7 6BA

Application Site (if different from above)

Same as above

Justification for the proposal

We propose to install solar PV panels on the flat roof at the rear of the property facing south to supply free electricity from the sun and give our customer a saving on there electricity bills and save on valuable fossil fuel energy.

Solar PV panels need to be placed in a south facing position and in an accessible distance from the electricity supply. The panels require sunlight and ultra violet light to produce electricity and the flat roof is the most effective position for the panels.

Twelve panels are required each panel is 1.507m high x 0.992m wide. Overall size will be 2.001m high x 9.127m wide.

Electric cable is connected from the panels to an AC/DC inverter. From the inverter it is connected to the domestic supply.

This will give our customer substantial savings on their electricity bill and save valuable fossil fuel energy which will help to preserve our National Parks and Conservation Areas so that future generations can enjoy our beautiful Earth.

Layout

The panels that we use have been chosen because they are a modern slim line design. The panels when fitted on the roof look similar to a velex window.

Scale

As solar panels are designed to absorb the energy of the sun and ultraviolet light they have been made of modern day material of aluminum and glass. The panels come in one size 1.507m high x 0.992m wide.

The panels will be sited centrally and in line with the windows.

Landscaping/Treatment of outdoor space

The need of the disabled or older people does not apply to the installation of solar PV panels.

Appearance

The solar PV panels are a modern slim line design.
Please see brochure and example photos of solar installations.

Access

The need of the disabled or older people does not apply to the installation of solar PV panels.

FIXING PANELS TO A FLAT ROOF

1. A railway sleeper is laid on the flat roof at the front and back of the panel.
2. Uprights are fixed to the sleeper to make a frame so that it raises the back of the panel to a minimum of 30 Degrees.
3. The panels are laid on the roof and fixed together and bolted to the frame.



Signature of agent _____
For & on behalf of Mr & Mrs Barber

Date: 26 November 2010