

Design and access statement

Royal National - Bedford Way, London
WC1H 0DG

1.0 Introduction and Overview

The Royal National Hotel is situated in the Conservation area of Bloomsbury in the London Borough of Camden. This proposal is for the installation of Solar Photovoltaic Panels covering four walkways all within the existing roof line. The photos below show an artist impression of where the panels will be situated. There are four proposed walkways, which will be covered in this manner.

Photo 1 and 2 illustrate where the panels will be fitted.



2.0 Design principles and concepts

Solar photovoltaic (PV) generate electricity from the sun's energy.

The position of the proposed solar PV installations will make them unseen from the public highway. The solar panels will be fitted on a metal structure fixed to the vertical walls and braced accordingly to add suitable rigidity. In total 4 walkways will be covered. A total of 60 panels will cover one area and 52 panels will cover the remaining three areas. In total 216 panels covering an area of 345 square metres.

Design and access statement

Royal National - Bedford Way, London
WC1H 0DG



The Solar PV Panels on the roofs of the building have been sited so as to minimise its effects on the external appearance of the building as well as the amenities of the area.

Examples of how the panels will be fitted can be seen in the artist's impression in photos 1 and 2.

The panels have a black finish with silver frames. They are not opaque and they have they reflect little light.

Design and access statements should be supported by [photographs](#), maps and [drawings](#) to illustrate any points made.

2.1 Design Installation

The PV installation process will comply with the Renewable Energy Association code of conduct with the installation credited to the UK Government Microgeneration Certification Scheme and UK building regulations. The installation swill be eligible for the UK Feed In Tariff.

There is no change to the existing volume of the building. The installation of the solar panels is not a permanent structure. When the solar Photovoltaic panels are no longer needed for micro-generation they shall be removed a soon as reasonably practical. In total the panels and structure will add 1 metric tonne to the static load of each of the 4 roofs.

Design and access statement

Royal National - Bedford Way, London
WC1H 0DG

Photo 3 – Shows the location of the 4 proposed areas where the solar PV will be installed.



Photo 4 – Shows how the panels will form a triangle with the vertical wall and walkway as the other two sides.

