

- **New Rear Extension, Albany House, 41 Judd Street, London WC1H 9QS**
- **ADAPTING TO CLIMATE CHANGE STATEMENT**
- 1.0
 - **Introduction**
 - This report is to be read with the Design and Access statement. In brief the proposal is for a new three storey rear extension to form three new residential units on an existing block of 105 flats/studio apartments. The new accommodation is for three flats comprising a one person studio apartment on each of the three new floors.
- 2.0
 - **Design**
 - The proposal incorporates several measures in accordance with the Camden Planning Guidance Sustainability (CPG) and this is supported by a Code for Sustainable Homes Information Tracker Schedule and Summary Code calculation. CPG section 12 "Adapting to Climate Change" discusses several interrelated subjects and the following four points are those considered appropriate on which to report and proportionate for the nature of this proposal. There are obvious limitations as to how to achieve a balanced approach to meet the spirit of the CPG, for example the proposal involves no foundations or ground work. This report is therefore intended as a best approach to "Adapting to Climate Change".
- 3.0
 - **Natural ventilation**
 - The apartments are designed to be naturally ventilated by openable windows.
- 4.0
 - **Limited glazing**
 - Several interactive factors influence the fenestration design. The windows are designed to achieve good daylighting and ventilation, whilst they are limited to minimise heat losses through the fabric. The fenestration arrangement is commensurate with the existing building to be in keeping with the Townscape of the area. No roof lights are proposed. Prevention of excessive overheating has been considered, in particular no roof lights are proposed.
 - In this way all the requirements have been taken into account and are achieved.
- 5.0
 - **Water Efficient Fixtures and Fixings**
 - The proposal is to control all the white goods in order to minimise energy use and water use.
 - Sanitaryware is proposed as reduced water use. In particular showers are provided with no baths. Taps to be flow reducing/aerating throughout. WC's to be water saving dual flush.
 - A Home User guide will be given to the dwelling occupier including information on the use of the water efficient measures designed into the apartment.
- 6.0
 - **Insulation**
 - New construction will be to the highest possible level of insulation, being limited by the fabric thickness in order to provide decent height and area of rooms and align with the height of the adjacent parapet walls.