

Date: 01st December 2021
Our Ref: 21.5059

24 Southwark Bridge Road
London
SE1 9HF

Obote Hope
Planning Department
London Borough of Camden
2nd Floor
5 Pancras Square
London
N1C 4AG

T 0203 268 2018

Dear Obote,

**Re: 91-93 HILLWAY, LONDON, N6 6AB (REF: 2021/4545/P)
AIR CONDESNOR ADDITIONAL INFORMATION**

I am writing to you in respect of the above application and the proposed installation of the condenser units in the rear garden.

Camden Local Plan Policy CC2 (Adapting to Climate Change) seeks to ensure that development includes appropriate climate change adaption measures including measures to reduce the impact of urban and dwelling overheating, including application of the cooling hierarchy.

In the first instance, it is important to note that this is an existing house and so the design has been treated as such. This means that we can only install on top of the existing structure and there are only some parts of the new modern extension on the rear elevation, where there is an opportunity to install modern external solar control methods, the cooling units are provided on top of solar gain reducing measures already designed in place and are only for some additional comfort for short periods in the summer months to bedrooms and some habitable spaces. As can be seen on the submitted plans, the units have been located in such a way so as to minimise visual and noise impact.

External shutters or roller blinds could not be realistically considered as technically they cannot be integrated into existing window openings and building structure as they would need to be externally mounted.

In terms of the houses' ability to protect from solar gains, every room has double glazing with solar control layers, internal roller blinds, the rear elevation has a fixed canopy and there is an awning being installed as well. In addition, there is a small section of brise soleil and the entire house has been brought up to standard with thermal insulation to not only the new walls, but also the original walls. The large expanse of glazing to the ground floor is triple glazed and coated with solar control layers over and above current standards.

The house has been carefully designed with flush PV solar panels integrated into the pitched roof tiles of 91 Hillway and to the flat roof of the pool building at 93 Hillway. Further to this, there is also an EV charging point as well as infrastructure for future battery storage installations.



Mechanical Ventilation Heat Recovery (MVHR) is used throughout the house to further add to its sustainability credentials.

In light of the above, the proposed condenser units are considered to be justified and in agreement with the aims of Local Plan Policy CC2. It is important to take into consideration that the condenser units will not only provide cooling but will also provide heat to the building on exactly the same basis as heat pumps which are currently being encouraged by the Government. Heating using the condenser units will avoid the overuse of gas. It is intended that the condenser units will be used primarily for heating purposes and will be very rarely used for comfort cooling as, due to the open-door nature of the building, a significant amount of airflow will occur naturally.

For the reasons discussed above, the proposal is considered to be justified in these terms and is in full compliance with Local Plan Policy CC2.

Yours sincerely,

James Doherty MRTPI
Senior Planner, Boyer London

Tel: 07849629087

Email: jamesdoherty@boyerplanning.co.uk