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Planning - Development Control
Camden Council
Camden Town Hall
London
WC1H 8ND

07 September 2021

Evergreen House Rooftop Chiller Replacement – Client Confirmation of Operation

Dear Sir/Madam,

With reference to the above project we, the client "Evergreen Marine (UK) Ltd, acting on behalf of Evergreen International S.A." would advise the following in support of the planning application associated with the replacement of the rooftop chiller plant.

The system is designed as 2 banks of 4 chillers in a duty and standby configuration.

Daytime Operation - Chillers designed with six running to meet peak duty and two standby (redundancy) during peak summertime.

Night time Operation - In the unlikely event of cooling being required at night (23:00 – 07:00), the chiller operation will be limited to a maximum of three units via the chiller sequencing control panel.

We understand that this measure is necessary so that the noise levels are kept down at night, i.e. the night-time criterion for London Borough of Camden is met without any further mitigation measures being required. N.B. The predicted noise level from the proposed new chillers already meets the daytime and evening criteria but exceeds the night-time criterion by 4dB according to the advice by Sandy Brown acoustic consultants.

The acoustic report is appended to the application and the relevant section of the report is cited below.

7.3.2 Carrier chillers

Amongst the three proposed chiller manufacturers, the Carrier chillers result in the lowest noise level at the closest receptor. The predicted noise level meets the daytime and evening criteria without any mitigation measures.

At night, although eight units are proposed to meet the daytime cooling load, it is likely the cooling load would be lower, and ultimately, a fewer number of chillers would be needed to meet the night-time demand. As such, if up to three units are scheduled to run at night, the night-time criterion would be met without any mitigation measures being required.

Yours Sincerely

James Wilson

General Affairs Section, Supervisory Dept.

Evergreen Marine (UK) Limited (acting on behalf of Evergreen International S.A.)

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