

6th January 2009

Graeme Lusted
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Dear Graeme,

71 KINGSWAY LONDON PROPOSED NEW EXTERNAL CONDENSERS TO SERVE THE FIFTH FLOOR

I would be grateful if you would send this letter along with the other attachments with your planning application to the Camden planning department.

There are already a total of 12 condensers on the roof as indicated on the drawing. 6 of the existing condensers were replaced 1-2 years ago with identical new units to the ones proposed here. We now intend to remove 2 condensers and install 2 new replacement units.

The proposed 2 new condensers are Daikin REYQ10P8 units which have a sound pressure level of 78 dBA (sound power level of 58 dB(A)).

The new condensers will have exactly the same sound power level as the ones they will be replacing, ie sound pressure = 78 dB(A) (sound power level = 58 dB(A)) as per the attached condenser data sheets.

The nearest residence is 70 m away and the nearest office accommodation is on the other side of Wild Court. It is therefore 12m from the edge of the building and 22.8m from the proposed new condensers. As the offices are so much closer, any noise affects will be far greater to them than the residential.

The findings from the 24 hour noise survey are that the background noise level is 55 dBA during the daytime and 50 dBA during the night. To comply with Camden's requirements therefore we would need to achieve a noise level not greater than 50 dBA at the nearest office window.

The noise from the condensers calculated for the previous planning applications to the nearest office window was calculated to be approximately 50 dBA in keeping with the maximum noise level target level.

When we replaced the previous 6 condensers we were not required to install an acoustic screen and we are hoping to avoid doing so in this new refurbishment project.

We hope that this is satisfactory for planning requirements.

Yours Sincerely

Paul Thurgood
THURGOOD DESIGN LTD