



Samneet Samrai <info@lavaastu.co.uk>

Re: New Project Enquiry

1 message

Technical Team | NOVA Acoustics Ltd <technical@novaacoustics.co.uk>
To: Samneet Samrai <info@lavaastu.co.uk>

Thu, Jun 13, 2024 at 4:56 PM

Hello Samneet,

I've had a look through the data for the measurement taken at the rear of the property and I have the following comments:

During the daytime, the ambient sound level (LAeq,1hour) generally ranges from 48 dB to 53 dB. The range during the night-time is 47 dB to 53 dB. Considering that the ranges in levels are small and do not significantly change during the night, it is not possible to define any on/off periods for the nearby plant systems. As such, a specific noise level cannot be calculated in accordance with BS4142. This generally suggests that although plant noise may occasionally be audible at the site, adverse impact is unlikely. Regarding situations such as these, the following is stated in ProPG:

"In the special case where industrial or commercial noise is present on the site but is "not dominant" (i.e. where the impact would be rated as lower than adverse (subject to context) if a BS4142:2014 assessment was to be carried out), its contribution may be included in the noise level used to establish the degree of risk (and if included, this should be clearly stated)."

Given this, it is thought that the plant noise should be considered as part of the general acoustic environment rather than an impactful commercial source.

In order to mitigate any potential risk to residential amenity, the façade sound reduction has been specified using enhanced criteria, which is thought to be appropriate when viewed in the context of the ProPG guidance.

Finally, it should also be noted that the overall noise level is relatively low, and mitigation in the form of façade sound insulation would not be overly onerous for the applicant.

I'd be more than happy to have a Teams meeting with the Local Authority to discuss this if needed.

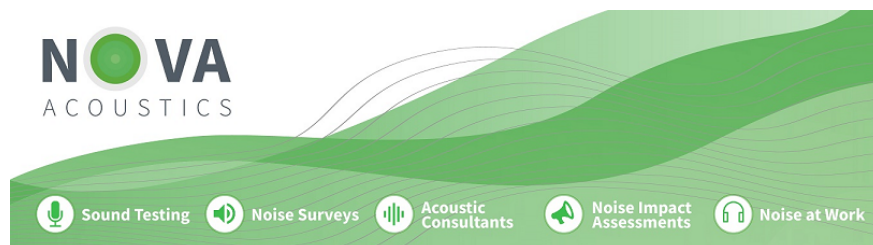
Kind regards,
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On Wed, 12 Jun 2024 at 12:34, Samneet Samrai <info@lavaastu.co.uk> wrote:
Dear Sandy,

Planning has requested additional information in regards to the rear plant room. Please see comments from planning below.

In order for this to be progressed I need to address a final query from the legal team regarding the noise assessment information submitted.

RBC Environmental Protection

This is generally acceptable although I would recommend further information be submitted regarding the plant noise at the rear. It is stated that they are below the residual noise. How do the levels compare to the background (L90) noise?

Please could you provide more information regarding plant noise at the rear?