

From: Anita Gardner
Sent: 28 November 2018 16:07
To: Planning.Responses
Subject: FW: LY/16/18/DOC - Roseland, The Causeway, Arundel

Please scan as additional correspondence from consultee

Anita Gardner | Principal Planner, Directorate of Place, [Arun District Council](#) | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

Internal: 37529 | External: +44 (0) 1903 737529 | E-mail: anita.gardner@arun.gov.uk

Visit Arun's web site at www.arun.gov.uk



Save the environment - think before you print.

From: Carol Reynolds
Sent: 28 November 2018 15:58
To: Anita Gardner
Subject: FW: LY/16/18/DOC - Roseland, The Causeway, Arundel

Dear Anita, further to our discussion today.

Dear George,

Thank you for your comprehensive reply with which I largely agree and I confirm the good degree of acoustic attenuation provided by windows in those rooms which I visited. My apologies in that I had thought Acoustic Associates also provided ventilation advice. The matter therefore remains of whether sufficient steps have been taken by the developer to provide suitable ventilation. My intention is to contact our Planning Officer with the recommendation to partly discharge the Planning Condition as this applies to noise alone.

Kind regards
Carol

From: George Orton [REDACTED]
Sent: 28 November 2018 15:22
To: Carol Reynolds
Subject: LY/16/18/DOC - Roseland, The Causeway, Arundel

Carol

The original Planning Application assessment and associated model predicted that the freefield day time noise level would be:

- 60dBA Outside Flat 4 Lounge
- 54dBA Outside Flat 4 Lounge

These levels were such that windows would have to be kept closed in order to achieve the BS8233 criteria for noise indoors. Planning Permission was granted on this basis albeit with conditions relating to noise (see later on in email). For reference assuming that the noise level inside will be 15dB lower than the outside façade level (or 12dB lower than the freefield level) the inside noise levels will be:

- 48dBA Outside Flat 4 Lounge
- 42dBA Outside Flat 4 Lounge

Therefore it would not be appropriate to assess the noise level inside the flats with the windows open. This was the reason the final survey was conducted with windows closed and with trickle vents open.

With regard to the weekend verses weekday noise levels the original planning survey noise levels showed that the weekend noise levels were only 1dB lower. Therefore I do not think it strictly necessary to carry out further noise readings now the site work has finished. Also for one of the weekdays when there was site activity the 35dBA criteria was achieved.

Furthermore the difference in day to night time noise should be the same now as it was for the planning survey (daytime noise level 5dB higher than night time noise level)

The noise levels measured at night inside the development (when corrected to predict the day time level by adding 5dB) show that the 35dB criteria will be achieved with a margin of 2-3dB to spare.

With regard to ventilation I did refer the design team to the "mechanically treated forced air ventilation" wording within the condition. As I am not a qualified M&E consultant I asked that the detailed design of the ventilation system should be completed by a suitably qualified professional to ensure compliance with the Building Regulations.

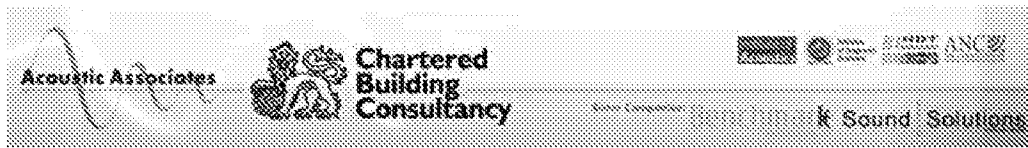
However as a mechanically treated forced air ventilation system may still require for trickle vents to be fitted I calculated the required performance of such ventilators.

I hope this helps clarify things.

Many thanks

George

George Orton BEng(Hons) MIOA
Acoustic Associates Sussex Ltd.
& Sound Solutions Products Ltd.



Address: Unit 8 Highdown House, Shoreham Airport, Shoreham-by-Sea, West Sussex, BN43 5PB.

DISCLAIMER: The information in this email including any attached files is confidential and intended for the recipient(s) only. If you have received this email in error, please delete it. Acoustic Associates Sussex Ltd cannot be held liable for any misuse of the email and/or its related content.

While all emails sent are scanned for viruses before sending, it remains the responsibility of the recipient(s) to scan their incoming emails for viruses before downloading and/or opening the content.