From: Nadeem Shad <nadeem.shad@adur-worthing.gov.uk> on behalf of Nadeem Shad
Sent: 04 December 2023 17:00
To: Peter Barnett
Subject: AWDM/1247/23 - Land Between 76 And 78A Brighton Road Lancing

Flag Status: Flagged

Dear Peter

The Acoustic Assessment concludes that traffic noise will adversely affect bedrooms at the front of the property and that mitigation will be needed as a result.

The most appropriate way to deal with this would be for the layout of the premises to be designed so that all bedrooms are at the rear of the properties, something the report advocates in reference to good design. Where this is not possible then suitable noise mitigation and alternative means of ventilation will be required to rooms on the front facade.

Section 8.1 of the report proposes minimum glazing types for rooms to the front as follows: enhanced double glazing with minimum sound level differences of 40 dB for bedrooms, 36 dB for living rooms and 31 dB for dining rooms. As these will only meet the values specified within BS8233 with windows closed, an alternative ventilation strategy will be required. The report outlines various options in Section 8.2. but these are to comply with Approved Document F and they do not necessarily equate to the air changes provided by opening a window.

Section 8.3 concludes that should the overheating strategy for the development rely on opening windows during the summer months for cooling purposes, there may be a risk of an adverse noise impact within bedrooms on the front façade. So an alternative means of ventilation will be required. This has not been included within the report. I suggest this is acoustically treated MVHR with an air supply from the rear.

Regards
Nadeem

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