

Ref: MHC/sar/17085

21st March 2019

Mr. S. Davies, Planning Department,
Arun District Council, Arun Civic Centre,
Maltravers Road, Littlehampton,
West Sussex, BN17 5LF

Dear Mr. Davies,

Re: BR/273/18/PL - 28 Crescent Road, Bognor Regis

With regard to the above applications, we wish to clarify the proposed noise reduction measures.

Our proposals are based on an urban night ambient level of **50 dB**. See attached notes from Gatwick research report.

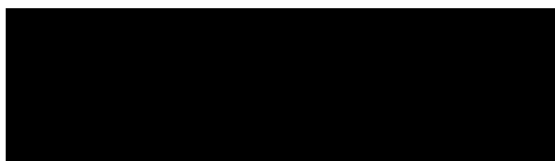
For acoustic protection of the new apartments, please find attached design notes and theory diagrams for triple glazing, and technical performance details from Selectaglaze Ltd. This achieves a noise reduction of 45 dB, against a target noise level in Bedrooms of 35 dB.

Mathematically a noise reduction of 45 dB, from 50 dB delivers a reduction of 19 dB to give an acceptable noise level in the bedroom of **31 dB**.

Triple glazing presumes the windows are closed for a part of the use periods. Therefore balanced ventilation will be provided as Vent-Axia Ltd, 'MVHR-Astra' details attached.

We trust all the above is acceptable to you. If you require any further information, we will be pleased to respond.

Yours sincerely,



Martin Critchley, Chartered Architect.
Critchley Architecture And Design Ltd.