

From: Michael Lavender <michael.lavender@adur-worthing.gov.uk>
Sent: 06 September 2024 09:11:10 UTC+01:00
To: "Amanda Haslett" <amanda.haslett@adur-worthing.gov.uk>
Subject: NOTICE/0016/24: Durrington Bridge House
Attachments: Media,121802,smxx (2).pdf

Hi Amanda,

The acoustic report does not consider the impact of railway noise on the development. The Planning Inspectorate's appeal decision APP/N1730/W/16/3142880 considers this matter and clearly concludes railways and railway stations are commercial premises under the definition of Part O and therefore a legitimate consideration for a Prior Approval application and a matter that may be covered by a condition. I note railway noise was considered for Notice/0020/19 HM Revenues and Customs, Barrington Road, Worthing and for Notice 0007/20, NHS West Sussex the Causeway.

The 100Hz hum detected by the acoustician and mentioned in his report is most likely from the electrical substation, it was picked up by the acoustician for the NHS application. This hum is from a commercial source so needs to be considered by the developer as an Agent of Change. BS4142 is not appropriate for assessment of low frequency noise as A weighting the decibel measurements strips out the impact of low frequency noise. I would recommend the acoustician look at NANR45 and NR curves, to ensure the new residential accommodation is adequately protected from the low frequency hum.

The acoustician should also have regard to the attached Planning and Noise Document Sussex.

Regards

Michael Lavender

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