From: planning@adur-worthing.gov.uk
Sent: 17 January 2022 13:25
To: planning@adur-worthing.gov.uk
Subject: Consultee Comments for Planning Application AWDM/2225/21

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Consultee comments

Dear Sir/Madam,

A consultee has commented on a Planning Application. A summary of the comments is provided below.

Comments were submitted at 17/01/2022 1:24 PM from Mrs Hannah Powell (hannah.powell@adur-worthing.gov.uk) on behalf of Environmental Health Public Health.

Application Summary

Reference:	AWDM/2225/21
Address:	46 Victoria Road Southwick West Sussex BN42 4DH
Proposal:	Application for Approval of Details Reserved by Condition 3 (Noise and Vibration) and Condition 4 (Materials) of previously approved on Appeal AWDM/0880/20.
Case Officer:	Hannah Barker

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Comments Details

Comments:	With reference to the above application, a Discharge of Planning Condition – Railway Noise and Vibration Assessment (Date: 08/12/2021Project: J3316) has been submitted. This assessment monitored the noise and vibration from the railway during a typical rush hour period over a 4-hour duration and used these levels to predict daytime and nighttime sound pressure levels and vibration values for ground and first floor. The glazing proposed within the report will provide adequate protection from noise when the windows are closed and a Level 1 overheating assessment indicates that, based on the day time and nighttime LAeq the use of opening windows as a primary means of mitigating overheating is not likely to result in adverse effect. However, within the ANC Acoustic Ventilation and Overheat Residential Design Guide, Table 3.2, Note 1 states: The noise levels suggested assume a steady road traffic noise source but may be adapted for other types of transport. As railway noise is being assessed rather than steady road traffic noise, are the risk categories shown in Table 3.2 still applicable? With reference to the ventilation proposed (trickle vents), this isn't considered sufficient to manage thermal comfort within dwellings. It has been indicated that having windows open during the day and nighttime is unlikely to result in adverse effects as the LAeq will still be within 5dB of guideline levels. However, with open

windows the internal LAmax could be 59dB up to 28 times a night. This is 14dB higher than the guideline level of LAmax 45dB. To minimise the need to open windows I would advise increasing background ventilation by using the passive through wall ventilator specified in Section 6.1 of the report. It would be helpful to see some modelling of the predicted LAmax across the site, please can this be provided?

No assessment of external amenity has been undertaken. As the rear garden is located closer to the railway line it would be helpful to see modelling of the noise levels across the external amenity areas.

With reference to vibration, the report predicts both the ground floor and 1st floor of the proposed dwelling fall into the category of low probability of adverse comment.

Kind regards