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Our Ref: SES/JS/ENV264-POTT-002

21st May 2021

Liam Bryne
Cavendo Homes
6 Watford Road
Radlett
Hertfordshire WD7 8LD

Dear Mr Bryne,

**Re: 36 The Ridgeway, Cuffley
Planning Permission Ref: 6/2018/2863/FULL – Condition 1 & 2**

I refer to your request for Stansted Environmental Services Ltd (SES) to provide a response to the Local Planning Authority following an amendment to the above mentioned development with respect to noise. SES prepared an Environmental Noise Assessment to address Planning Conditions 1 & 2 which related specifically to noise which have been reproduced below.

This letter has been prepared to confirm that the conclusions of the aforementioned report are still accurate with the amended proposed development.

Condition 1

“Prior to the commencement of the development hereby approved, details of the glazing scheme and ventilation systems to be installed to enable the development to meet the internal noise levels within BS8233:2014 and the ventilation standards within the Noise Insulation Regulations 1975 (as amended) shall be submitted to and approved in writing by the Local Planning Authority. The development shall be installed as so approved”.

Condition 2

“Prior to the commencement of the development, the applicant shall submit to and for the approval by the Local Planning Authority details relating to noise levels in the external amenity areas and the conformance to the WHO Community Noise Guideline level”.

Based on the findings of our environmental noise report dated 7th April 2021, a minimum of 25dB R'_w+C_{tr} noise reduction will still be required for all glazed elements in habitable rooms at the premises. The performance is specified for the whole window unit, including the frame and other design features such as the inclusion of trickle vents.

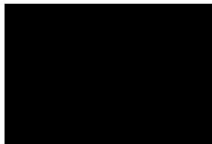
Glazing performance calculations have been based on achieving the measured ambient (L_{Aeq}) noise levels and for maximum (L_{Amax}) night-time noise levels as given in the planning conditions' noise criteria.

It is noted that external ambient noise levels at the rear of the site in the residential garden generally comply with the WHO's 'Guideline for Community Noise' (2009) guideline values for external amenity space (55dB L_{Aeq}).

Considering the distance (approx. 30m) from the busy B157 (The Ridgeway) to the next nearest external amenity area within the development. It anticipated noise levels would be reduced taking into account the distance attenuation and screening provided by the future developments, therefore meeting the requirements set out in WHO's 'Guideline for Community Noise' (2009).

With the implementation of the controls stated above, the required internal and external noise levels can be achieved as referred to in BS8233:2014 and noise should not be a concern for the development of the site.

Yours sincerely



**Jeeva Srilal BSc (Hons), MSc, AMIOA, PRINCE2
Senior Acoustic Consultant**