From: Michael Lavender
Sent: 03 December 2013 15:42
To: Peter Barnett
Subject: AWDM/1496/13: 108 Grand Avenue, Lancing

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Hi Peter,

Given the proximity of the development to the Upper Brighton Road, which has been been identified by DEFRA as an area severely affected by traffic noise, I would request an acoustic assessment be undertaken to ascertain the exact noise exposure of the property including a scheme to protect the habitable rooms and outside amenity area from excess noise. The standard to be achieved for habitable rooms shall be British Standard BS 8233: 1999: Sound insulation and noise reduction for buildings. The outdoor amenity area should be assessed against World Health Organisation standards, however, it should be noted that acoustic fencing would protect both the garden and dwelling against noise and I would expect to see this in any acoustic scheme.

British Standard 8233 Indoor Noise Levels

Room	Good	Reasonable
Living Room	30 dB LAeq,T	40 dB LAeq,T
Bedroom	30 dB LAeq,T	35 dB LAeq,T & 45 dB LAmax,F

As a minimum requirement I would expect the reasonable level to be achieved.

Finally, the few windows that are provided will need to remain closed to control external noise and the bathroom and kitchen are internal rooms therefore any scheme to control noise will require a whole house ventilation system.

Should you require to discuss this matter further then please do not hesitate to contact me.

Kind Regards

Michael Lavender

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