

Beaconsfield Close – Accompanying Noise Risk Assessment

1:00 Introduction

The prior approval application being made is for the change of use of the existing warehouse to residential use.

The property in question is the building known as 13 Beaconsfield Close, Burgess Hill RH15 9AT. This is as resubmission.

- 1.1 This Noise Risk Assessment has been prepared to accompany a prior approval notice for the proposed works. The proposal is for a conversion of the existing warehouse building into residential use (C3).
- 1.2 It should be read in conjunction with the submitted drawing, statements and forms.
- 1.3 The Noise Risk Assessment (NRA) addresses how the noise impact on future occupiers of the proposed development will be mitigated.
- 1.4 The most significant potential source of noise pollution to the development will be traffic noise. However the plot is within a substantial private car park area which is remote from any surrounding main roads. As such it is felt that occupants will be at no risk from traffic noise.
- 1.5 The development will be built to comply with Building Regulations Part E, providing a good level of sound insulation between the dwellings and surrounding buildings. This will be confirmed via post completion sound testing.
- 1.6 Additionally there is little or no entertainment noise from any nearby public houses, restaurants, bars or halls. No such facilities lie close.
- 1.7 Additionally all new windows will be high performance double glazed units to minimise the transmission of noise between the units and from the surrounding area when the windows are shut. Additionally, glazing with a low G value will be specified to help to reduce the risk of overheating and therefore the need to open windows.
- 1.8 Additionally, acoustically guarded ventilation will be installed into habitable rooms so that windows will not need to be opened in order to provide ventilation to the residential space.
- 1.9 There is no centralised plant proposed; instead the units will be served by individual gas boilers. Therefore any noise impact from plant will be minimal. The above measures will ensure that World Health Organisation (WHO) guidelines for internal noise standards will be met.
- 1.10 The proposal will not have any adverse impact on neighbouring properties. Firstly it is single storey, secondly very distant from any nearby houses and thirdly it will have windows generally fixed shut.

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Summary & Conclusion

We can summarise in the following points,

- a. There is no significant local noise, likely to create unusual nuisance to future occupants of the dwellings.
- b. The dwellings themselves will replace a warehouse that could have been used for a noisy class E use (but was not) and as such generate less noise and activity than the use being replaced.
- c. The potentially former warehouse has been operating within this residential area for many years and is a noisier use than residential.
- d. Traffic noise is remote from the site as the nearest main road is at least 300 yards away and largely shielded by interceding buildings.
- e. New dwellings will be provided with building regulations compliant sound protection measures against internal and external transmission.

Ends

June 2026