



# Independent Acoustic Consultancy Practice

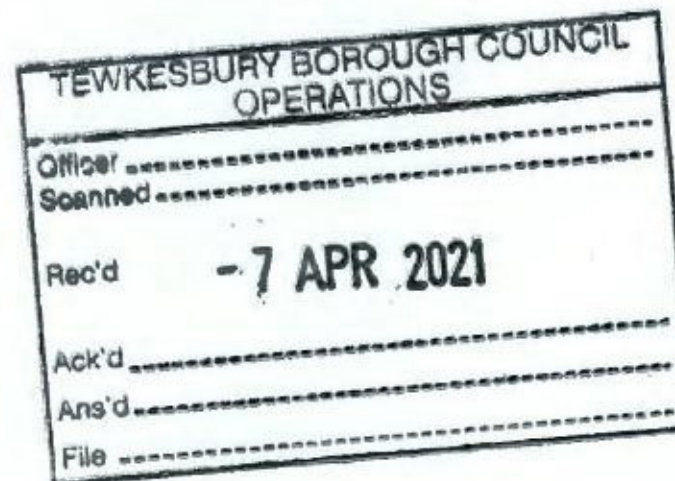
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**Paul Instone**  
Planning Officer  
Tewkesbury Borough Council  
Council Offices  
Gloucester Rd  
Tewkesbury  
GL20 5TT



24/02/2021

Our Ref: 4929/L1

Dear Mr Instone,

## Re: Whittle Square, Brockworth

Hunter Acoustics are to be appointed as acoustic consultants to Edenstone Homes on the Whittle Square, Brockworth residential development.

We understand the following planning condition has been included:

*"34. The development hereby approved shall be completed in strict accordance with measures specified in PROPG ACOUSTIC DESIGN STATEMENT REPORT AS10584.180802.R2.4.docx prepared by Clarke Saunders Acoustics received on 26th June 2019 and Appendix A – Mitigation Strategy prepared by Clarke Saunders Acoustics received 11th December 2019, to ensure that noise levels within each dwelling hereby permitted will meet the recommended noise levels set out in BS8233:2014 "Guidance on Sound Insulation and Noise Reduction for Buildings" Table 4'. For the avoidance of doubt the provisions of Note 7 of BS8233:2014 "Guidance on Sound Insulation and Noise Reduction for Buildings" Table 4 are not applied.*

*Prior to any of the dwellings shaded red in Plan AS10584/SP2 and dwellings 70, 71, 122, 123, being occupied, in each respective phase, as set out in approved phasing masterplan 1657 175-1 B, the applicant shall submit a post completion noise monitoring methodology for comment and approval and undertake post completion noise monitoring, in line with the approved methodology, and submit the results for final approval. Any post completion testing in a room served by mechanical ventilation should have the ventilation system operating when post completion testing is undertaken.*





No dwelling shaded red in AS10584/SP2, or dwellings 70, 71, 122 and 123, shall be occupied until the post completion noise monitoring demonstrates that noise levels within each dwelling hereby permitted will meet the recommended noise levels set out in BS8233:2014 "Guidance on Sound Insulation and Noise Reduction for Buildings" Table 4'.

The implemented noise mitigation measures within each dwelling hereby permitted shall thereafter be retained unless the Local Planning Authority otherwise agrees in writing.

The post completion noise monitoring methodology shall include details and confirmation of the following:

- Selection of sample rooms in plots covered by AS10584/SP2 and in plots 70, 71, 122 and 123
- Suitable site conditions, including closed windows but open attenuated trickle vents and CMEV operating where specified
- Suitable environmental conditions including weather and typical activity around site including road traffic conditions

Reason: To protect the residential amenity of future occupiers and in the interests of businesses operating within the vicinity"

The following therefore sets out our proposed post-completion noise methodology:

## 1. Detailed Method

We propose to carry out noise monitoring in 3 plots:

One plot overlooking Huddlecote Road (e.g. 35, 36, 52-61)

One plot overlooking Golf Club Lane (e.g. 72-85)

Plot 91 overlooking Invista factory

This should cover a representative sample of worst case road and industrial noise sources.

Monitoring is proposed to be undertaken for 24 hours in each plot to confirm daytime and night-time noise levels, sufficient to cover normal road traffic conditions and various industrial activity during the day and night. Parameters including  $L_{Aeq}$  and  $L_{Amax}$  values are logged. Monitoring to take place during dry & calm conditions. Monitoring would be undertaken when all nearby construction activity has finished – however continuous audio recording allows any residual construction activity to be identified and excluded from the assessment.

Monitoring to take place in worst case room of each plot (e.g first floor bedroom on critical façade) with windows shut, any [acoustic] trickle ventilators in open position and MEV operating where specified.



We trust this is sufficient to discharge the requirements of the condition. However, should you wish to discuss please do not hesitate to contact me.

Yours sincerely,



**Paul McGrath**

BSc(Hons) MIOA | Director

**Hunter Acoustics**