



From: Fiona Fitzgerald <Fiona.Fitzgerald@arun.gov.uk>
Sent: 04 July 2022 17:08
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Jessica Riches <Jessica.Riches@arun.gov.uk>
Subject: P/56/22/DOC

Dear Jessica,

Environmental Health do **not** recommend that Condition 32 be discharged.

I have followed the numbering system used by myself and the applicant in our previous emails (which are below in italics for ease of reference):

1. Environmental Health is not satisfied that the applicant's response adequately answers the original question. 6 years is a significant amount of time and Environmental Health needs to be satisfied that the noise environment has not significantly changed in this time. Please can the applicant either commission another noise report covering the same grounds as the original one to confirm that their original conclusions are still valid or provide alternative evidence which proves that the acoustic environment has not changed significantly in the last 6 years. We would expect this to cover both term and non-term dates, and week and weekend dates.
2. Whilst Environmental Health agree that the school term time would not affect noise generation from an industrial unit, it could certainly affect the background noise levels.
3. Noted.
4. Thank you.
5. For Planning officer to determine.
6. Therefore the requirements of BS 8233 may not be achieved with open windows for certain houses within this development, and mechanical ventilation would be required on some plots. Given the suburban/rural area that the planning application relates to, Environmental Health is not satisfied that this is satisfactory. It does not comply with paragraph 2.2 of Pro PG which states 'Solely relying on sound insulation of the building envelope to achieve acceptable acoustic conditions in new residential development, when other methods could reduce the need for this approach, is not regarded as good acoustic design. Any reliance upon building envelope insulation with closed windows should be justified in supporting documents'. Environmental Health notes that whilst Pro PG had not been published in 2016 when the original planning application was submitted, it has been available since May 2017 and we would expect the applicants to be aware of it.
7. Environmental Health would require System 4.

Regards

Fiona Fitzgerald

1. Environmental Health note that the noise survey relied on by the applicant is 6 years old (undertaken in July 2016). Please could the applicant advise whether or not they have carried out work to confirm whether or not there has been any significant change in the acoustic environment in the last 6 years.

No further noise survey work undertaken, but as noted in the report the noise assessment is robust including as per bullet points below. The noise assessment methodology is as presented in outline planning application documents, which included response to Arun environmental health comments.

- assessment assumes greater level of noise generating activity that occurred during survey, including from a night-time delivery vehicle as permitted by factory planning consent;
- external noise generating activity assumed to occur anywhere in yard;
- assessment allows for alternative industrial tenant moving in and generating internal noise throughout night-time (metal fabrication business assumed as requested by Arun EH).

2. It is also noted that the original survey was undertaken between a Wednesday to a Friday, and therefore did not cover a weekend. The dates also may or may not have covered the end of the school term in West Sussex, so it is uncertain whether or not the noise survey was undertaken during the school term or not. Please could the applicant confirm whether they are satisfied that the results are still valid taking into account these points?

Planning condition 32 specifically relates to noise generated by the Osborne Refrigeration Site, school term time would not typically be expected to affect noise generation from an industrial unit.

3. Paragraph 3.1.2 – it appears that noise level measurements were only taken from one position (shown in the site plan 16/0383/R2/SP1). Please can the applicant confirm why only one monitoring position was chosen and explain whether or not there is any uncertainty around this decision.

Planning condition 32 specifically relates to noise generated by the Osborne Refrigeration Site, this monitoring position was selected to quantify industrial noise generation and is still considered to be sufficient. Further assessment of noise generation from a (hypothetical) metal fabrication business operating through the night-time was subsequently undertaken on a desktop basis (as requested by EH during outline application process).

4. Please could a colour copy of Figure 16/0383/R2/SP2 be provided?

Pdf report is in colour.

5. It is noted on Figure 16/0383/R2/SP2 that in some areas the acoustic barrier is 2.5m in height. David, please could you confirm that Planning are happy for an acoustic barrier of this height?

Planning officer to confirm.

6. Please could the applicant confirm whether or not the acoustic windows/vents mitigations mean that acoustic environments cannot be achieved with windows open?

During periods of worst-case industrial noise generation, targeted internal noise criteria would be exceeded with windows open at nearest houses. Mechanical ventilation is recommended to some plots to reduce need to rely on opening windows for ventilation.

7. In specification 16/0383/SPC2, section 2 Ventilation, there is a sentence as follows: "It is anticipated systems complying with the requirements of System 3 or System 4 as defined with the Building Regulations Approved Document F 2010 would be suitable" please could the applicant confirm whether the this means that System 3 or System 4 ventilation will be installed or not, as this sentence does not specifically confirm this, it just says it would be suitable.

We would propose system 3 unless advised otherwise.

Fiona Fitzgerald

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