

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2021/93547 - Icuk Technologies, 110-112, Lockwood Road, Lockwood, Huddersfield, HD1 3QX		
Change of use to form no. 2 hot food takeaways (Sui Generis) at ground floor with ancillary office and store at first floor and sub division of first floor apartment to form no. 3 dwellings (C3)		
Responding Date: 10 May 2022	Responding Officer: Mohammed Nasim	Responding Ref: WK202211778
<u>Comments</u> Note – These comments are supplementary to those made dated 01 December 2021. The applicant has submitted a Noise Impact Assessment authored by Environmental Noise Solutions dated 29 March 2022 Ref. NIA/10167/22/10267/v1/Lockwood Road. The objectives of the noise impact assessment were to: • Determine external noise levels at the application site • Assess the potential impact of the external noise climate on the proposed development with reference to relevant guidelines • Assess the potential noise impact at the nearest Noise Sensitive Receptors (NSRs) associated with the proposed development • Provide recommendations for a scheme of sound attenuation works, as necessary. A noise survey was undertaken on Wednesday 26th January 2022 and additional long-term monitoring was undertaken on Friday 11th March 2022 through to Monday 14th March 2022 and a summary of the results are shown in table 3.1. Background noise levels were dominated by road traffic noise and paras 3.06 and 3.07 give the daytime and night-time levels at measurement positions 1 & 2 (MP1 and MP2). The internal noise levels have been calculated at Section 5 and recommendations made for glazing and ventilation to meet with the requirements of BS8233. At para 5.06, it states the bedroom of apartment two on the front façade overlooking Lockwood Road should be provided with a mechanical ventilation strategy and lists the following as appropriate - • A fully ducted mechanical ventilation system with heat recovery (MVHR) • Individual room ventilators, such as the Titon Sonair unit (or equivalent) No recommendation has been made for the other habitable rooms i.e. living rooms of apartments 1 and 2 and this will be required as internal levels can only be achieved with windows closed and this is not acceptable. The applicant will need to submit an alternative ventilation strategy and a condition is recommended. With regards to the proposed ground floor use, para 5.08 states detailed information regarding item(s) of fixed external plant required was not available at the time of writing. Table 5.2 provides the highest permissible free-field rating noise levels from external plant at the nearest NSR to avoid potential adverse impacts with a caveat at paras 5.11 – 5.13 to ensure it is selected, sited and installed so as not to lead to a loss of amenity. A condition is		

recommended.

Para 5.14 looks at the sound insulation between the proposed ground floor takeaways and the first-floor accommodation and this meets with the higher standard specified within the West Yorkshire Planning Consultation Guidance and is therefore accepted.

Recommended Conditions

NC1 Implement Agreed Noise Mitigation Measures – Condition

Before the development is first brought into use, all works which form part of the sound attenuation scheme as specified in the Noise Impact Assessment authored by Environmental Noise Solutions dated 29 March 2022 Ref. NIA/10167/22/10267/v1/Lockwood Road -

- a) shall be completed; and
- b) written evidence to demonstrate that the specified noise levels have been achieved shall be submitted to and approved in writing by the Local Planning Authority.

If it cannot be demonstrated that the noise levels specified in the aforementioned Noise Report have been achieved, then a further scheme shall be submitted for the written approval of the Local Planning Authority incorporating further measures to achieve those noise levels.

All works comprised within those further measures shall be completed and written evidence to demonstrate that the aforementioned noise levels have been achieved shall be submitted to and approved in writing by the Local Planning Authority before the development is first brought into use

NC10 - Noise from Fixed Plant & Equipment - Condition

The combined noise from any fixed mechanical services and external plant and equipment shall be effectively controlled so that the combined rating level of noise from all such equipment does not exceed the background sound level at any time. "Rating level" and "background sound level" are as defined in BS 4142:2014+A1:2019.

Reason: To ensure the proposed development does not cause harmful noise pollution within neighbouring noise sensitive locations, in the interest of amenity, to comply with the aims and objectives of Policies LP24 and LP52 of the Kirklees Local Plan and Chapters 12 and 15 of the National Planning Policy Framework.

NC7 Ventilation of habitable rooms if windows need to be kept closed - Condition

Before construction commences, a ventilation scheme for rooms where windows need to be kept closed to prevent excessive noise levels shall be submitted to and approved in writing by the Local Planning Authority. The ventilation scheme shall provide the following information -

- Identify which rooms referenced back to the approved Noise Assessment require a ventilation system
- The acoustic specification of the proposed ventilation system demonstrating that when operated it will not cause indoor noise target levels to be exceeded
- The ventilation Scheme must demonstrate how habitable rooms shall be provided with sufficient ventilation to help control thermal comfort and avoid over heating during hot weather without the need to open windows. This should include details of the air intake

location and any summer bypass for any heat recovery system including a calculation for air changes/hour. A Standard Assessment Procedure (SAP) assessment would be acceptable to demonstrate that a risk of overheating is minimised.

All works which form part of the approved scheme shall be completed prior to occupation of the aforementioned plots and retained thereafter.

NF7 - Footnote to accompany condition NC7

A ventilation scheme that meets the performance specification given in Part 6 of Schedule 1 of the Noise Insulation Regulations 1975 is likely to be acceptable. Acoustic trickle ventilation alone is unlikely to provide sufficient ventilation to help control thermal comfort without the need to open windows and would therefore not be acceptable.