

Planning Consultation Memo

Date	Planning Officer	Environmental Health Officer
03/072020	Emily Stainer	Karl Riahi
Planning Application Number	Worksheet Number	
6/2020/1365/FULL	WK/118412	

Address: 34 Vineyards Road Northaw Potters Bar EN6 4PA

Application Details: Erection of a 5-bedroom detached dwelling including formation of new vehicular crossover

Considerations relevant to Environmental Health for this application

Noise from traffic

Description of site and discussion of considerations

Noise from traffic

Noise from traffic along Vineyards Road is unknown, there is the potential that a specific glazing and ventilation scheme will be required for the proposed development due to the road being used as a cut through to other towns and villages.

The internal noise levels will need to meet those found within BS8233, and it may be the case that mechanical ventilation will be required for habitable rooms to enable windows to be kept closed during the summer months so that internal noise levels are not compromised. Alternative ventilation methods will be accepted if evidence is provided in the form of a SAP assessment conducted with windows closed, no reliance on curtains and blinds and the proposed system in operation.

The external amenity areas will need to meet the 55dB WHO Guidelines for Community Noise level, being at the rear of the property it is expected that this level will be achieved.

Conclusion

Recommend planning application is permitted
Recommend planning application is permitted but with conditions
Recommend planning application is refused

Conditions

Sound Insulation (including ventilation)

Prior to any above ground development the applicant shall submit to, for approval in writing by the Local Planning Authority, details relating to a scheme to protect the proposed development from noise due to traffic which shall be implemented before any part of the accommodation hereby approved is occupied, unless the Local Planning Authority otherwise agrees in writing.

The scheme shall ensure the indoor ambient noise levels in living rooms and bedrooms meet the standards within BS 8233:2014.

Where opening windows raises the internal noise levels above those within BS8233, the mechanical ventilation will need to be installed, with ventilation rates required to meet those found within The Noise Insulation Regulations 1975.

Alternative methods (such as passive systems) and rates can be considered, however, evidence that overheating will not occur will need to be provided in the form of a SAP assessment conducted with windows closed, curtains/blinds not being used and the ventilation rate for the system being substituted for those within Appendix P.

Outdoor amenity areas will need to meet the 55dB WHO Community Noise Guideline Level.

Reason – to protect the occupants of the new development from noise disturbance.

Informatives

Noise control

1. All works and ancillary operations which are audible at the site boundary, or at such other place as may be agreed with the Council, shall be carried out only between the hours of :
8.00am and 6.00pm on Mondays to Fridays
8.00am and 1.00pm Saturdays
and at no time on Sundays and Bank Holidays
2. The best practicable means, as defined in section 72 of the Control of Pollution Act 1974, to reduce noise to a minimum shall be employed at all times
3. All plant and machinery in use shall be properly silenced and maintained in accordance with the manufacturers' instructions
4. All compressors shall be sound reduced models, fitted with properly lined and sealed acoustic covers, which shall be kept closed whenever the machines are in use. All ancillary pneumatic percussive tools shall be fitted with mufflers or silencers of the type recommended by the manufactures.
5. All machines in intermittent use shall be shut down during intervening periods between work, or throttled down to a minimum. Noise emitting equipment, which is required to operate continuously, shall be housed in suitable acoustic enclosures.
6. Items of plant and equipment shall be maintained in good condition so that extraneous noise from mechanical vibration, squeaking or creaking is reduced to a minimum.
7. All pile driving shall be carried out by a recognised noise reducing system.
8. Where practical, rotary drills and bursters, actuated by hydraulic or electric power shall be used for excavating hard material

9. In general, equipment for breaking concrete and the like, shall be hydraulically actuated.
10. 'BS 5228 Noise Control on Construction Sites' should be referred to for guidance in respect of all work carried out by the developer, their main contractor and any sub contractors.
11. Any emergency deviation from these conditions shall be notified to the Council without delay
12. Any planned deviations from these conditions for special technical reasons, shall be negotiated with Council at least 14 days prior to the commencement of the specific work.
13. Permissible noise levels are not specified at this stage.

Dust control

1. All efforts shall be made to reduce dust generation to a minimum
2. Stock piles of materials for use on the site or disposal, that are likely to generate dust, shall be sited so as to minimise any nuisance to residents or neighbouring businesses. Materials for disposal shall be moved off site as quickly as possible.
3. Water sprays shall be used, as and when necessary, to reduce dust from particularly "dusty" activities or stock piles.