# Planning Consultation Memo

| Date | Planning Officer | Environmental Health Officer |
|---|---|---|
| 26/05/2021 | Mr Raymond Lee | Terry Vincent |
| **Planning Application Number** | **Worksheet Number** | |
| 6/2021/1177/FULL | WK124319 | |

**Address:** 52 Bridge Road Welwyn Garden City AL8 6UR

**Application Details:** Erection of 2 x two-storey detached houses, associated parking and access, on the land to the rear of 52 & 54 Bridge Road.

## Considerations relevant to Environmental Health for this application

Noise from road traffic

## Description of site and discussion of considerations

The main road to the front of the development is used regularly by commuter traffic going into and out of Welwyn Garden City. I will recommend a noise condition to ensure that future occupants are sufficiently protected from road traffic noise.

## Conclusion

Recommend planning application is permitted □
Recommend planning application is permitted but with conditions x
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 transport sources 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. Internal LAmax levels should not exceed 45dB more than ten times a night in bedrooms. Relaxed noise levels will be considered if it can be shown that good acoustic design has been implemented and all steps have been taken to achieve the non-relaxed noise levels in BS8233:2014.

Where opening windows raises the internal noise levels above those within BS8233, other methods of ventilation/attenuation will have to be implemented.

Passive systems and rates will be considered, however, evidence that overheating will not occur will need to be provided in the form of a SAP assessment (other overheating assessments can be provided but will need to be agreed in writing by the local planning authority such as a TM59 asssessment) conducted with windows closed, curtains/blinds not being used, showing the required ventilation rates to ensure that overheating will not occur. Details must be provided of the ventilation system to be installed and to demonstrate that it will provide the ventilation rates shown in the assessment.

Mechanical ventilation can be installed, with ventilation rates required to provide 4 air changes per hour to habitable rooms. However, mechanical ventilation should only be used as a last resort, once all other noise mitigation measures have been implemented (good acoustic design, orientation of sensitive rooms, bunds, noise barriers, passive systems or acoustic louvres).

Outdoor amenity areas should meet the 55dB WHO Community Noise Guideline Level. A slight relaxation of this level (up to 3dB) will be considered, if it can be demonstrated that all reasonable steps have been taken to reduce the level as much as possible, (such as noise barriers, shielding, good acoustic design etc). If outdoor amenity areas cannot comply, then it should be shown through measurements that a suitable place is available within 5 minutes' walk from the development that complies with the amenity noise 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
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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.