

DM.25.0445 Land at Colwell Farm, Lewes Road, Haywards Heath. West Sussex.

Outline application with all matters reserved except for access, for up to 80 dwellings with associated landscaping, open space, infrastructure and vehicular and pedestrian accesses.

The proposed development is for residential properties on a site close to a busy A road. The proximity of this noise source means that with the proposed design/layout, to avoid adverse noise impacts, some windows to properties in the development will need to be kept closed. Closed window solutions should be considered only as a last resort and should be accompanied by a satisfactory Acoustic Design Statement as per ProPG, and I have recommended a condition be applied to this effect.

Given the proximity of existing residential dwellings to the proposed development, I also recommend conditions to protect existing residents from noise and dust during the construction phase.

If air source heat pumps are to be considered for this development, then a condition to control noise from these units to protect the amenity of future residents may be appropriate.

Conditions:

Construction hours: Works of construction, including the use of plant and machinery necessary for implementation of this consent shall be limited to the following times:

Monday to Friday: 08:00 - 18:00 Hours
Saturday: 09:00 - 13:00 Hours
Sundays and Bank/Public Holidays: No work permitted

Reason: to protect the amenity of local residents.

Deliveries: Deliveries or collection of plant, equipment or materials for use during the construction phase shall be limited to the following times:

Monday to Friday: 08:00 - 18:00 Hours
Saturday: 09:00 - 13:00 Hours
Sunday & Public/Bank holidays: None permitted

Reason: to protect the amenity of local residents.

Construction Environmental Management Plan:

Prior to the commencement of the development a Construction Environmental Management Plan (CEMP) shall be submitted to and approved in writing by the Local Planning Authority. The Construction Environmental Management Plan shall include amongst other matters details of: measures to control noise or vibration affecting nearby residents; artificial illumination; dust control measures; pollution incident control and site contact details in case

of complaints. The construction works shall thereafter be carried out at all times in accordance with the approved Construction Environmental Management Plan, unless any variations are otherwise first submitted to and approved in writing by the Local Planning Authority.

Reason: To protect the amenity of local residents

Heat Pumps: Unless otherwise agreed, any air source heat pumps serving each property shall not come into use until a scheme has been submitted to the LPA demonstrating that the noise rating level (L_{Ar},T_r) of each heat pump operating at the maximum setting shall be at least 5dB below the background noise level (L_{A90},T) at the nearest residential facade. All measurements shall be defined and derived in accordance with BS4142: 2014+A1:2019. The approved measures shall be implemented before each heat pump is brought into use and thereafter be maintained in accordance with the approved details.

Reason: to protect the amenity of local residents.

ProPG:

No development shall commence until a scheme that addresses the issues of acoustics, ventilation and overheating (AVO) has been submitted to and agreed in writing by the Local Planning Authority.

Good acoustic design shall be fully integrated into the scheme. The hierarchy of good acoustic design (GAD) outlined below shall be applied in descending order and the methods utilised shall be clearly outlined in an Acoustic Design Statement (ADS):

- i. Maximising the spatial separation of noise source(s) and receptor(s).
- ii. Investigating the necessity and feasibility of reducing existing noise levels and relocating existing noise sources
- iii. Using existing topography and existing structures (that are likely to last the expected life of the noise-sensitive scheme) to screen the proposed development site from significant sources of noise
- iv. Incorporating noise barriers as part of the scheme to screen the proposed development site from significant sources of noise
- v. Using the layout of the scheme to reduce noise propagation across the site
- vi. Using the orientation of buildings to reduce the noise exposure of noise sensitive rooms
- vii. Using façade design eg façade barriers, balconies and winter gardens to minimise exposure to noise
- viii. Using the building envelope to mitigate noise to acceptable levels

The scheme shall a) outline the level of noise exposure for each property and how the noise level within any domestic living room or bedroom, with windows open for normal ventilation, shall comply with the desirable internal noise levels as outlined in Table 2.1 of BS8233:2014 and b) outline how the noise level within any domestic bedroom, with windows open, shall not normally exceed 42 dB(A) L_{AF}max between 23:00 and 07:00, in line with WHO NNGL 2007.

Where the standards in (a) or (b) above cannot be achieved following GAD and with windows open, only then shall the scheme show how those standards will be met with windows closed and how adequate ventilation and cooling will be provided.

In addition, unless otherwise agreed in writing by the Local Planning Authority, where windows must remain closed to achieve acceptable internal noise levels, an overheating assessment must be undertaken with accordance with CIBSE. The cooling hierarchy below shall be applied to the scheme:

1. Minimise internal heat generation through energy efficient design
2. Reduce the amount of heat entering a building in summer through orientation, shading, albedo, fenestration, insulation and green roofs and walls
3. Design the properties to enable passive ventilation (e.g. cross ventilation)
4. Provide mechanical ventilation
5. Provide active cooling (ensuring they are the lowest carbon options).

The methods integrated into the design to prevent overheating shall be fully outlined in the AVO scheme and no dwelling hereby permitted shall be occupied until the approved scheme has been implemented in full for that dwelling.

If as a last resort mechanical ventilation is to be used, it must be demonstrated that it still complies with internal noise levels while providing sufficient ventilation.

Any amendments to the scheme or alterations to it must be agreed in writing with the Local Planning Authority in advance.

All acoustic reports submitted in relation to the scheme shall include characterisation of uncertainty and shall demonstrate the adoption of good practice to minimise uncertainty.

Reason: to protect the amenity of future residents.

Air Quality: Prior to the commencement of any residential part of the development hereby permitted, the details of a scheme of mitigation measures to improve air quality relating to the development shall be submitted and approved in writing by the Local Planning Authority. The scheme shall be in accordance with, and to a value derived in accordance with, the Air quality and emissions mitigation guidance for Sussex which is current at the time of the reserved matters application. The calculated figure of £25,696 submitted in the SLR Air Quality Assessment (SLR Project No: 433.000082.00001) is accepted and agreed. All works which form part of the approved scheme shall be completed before any part of the development is occupied and shall thereafter be maintained in accordance with the approved details.

Informative – In order to ensure approval, we strongly recommend that the above scheme is agreed in advance with the Council's Air Quality Officer.

Reason: to preserve the amenity of local residents regarding air quality and emissions.

Informative:

Your attention is drawn to the requirements of the Environmental Protection Act 1990 with regard to your duty of care not to cause the neighbours of the site a nuisance.

Accordingly, you are requested that:

- No burning of construction waste materials shall take place on site.

14 March 2025

Jane Cooper

Environmental Protection