

CONTROL OF NOISE & DUST

Application Ref.: 162035

Related to: 181 Kentwood Hill Tilehurst Reading RG31 6JE

Related to: Demolition of existing wooden frame building used as Church and 1 ancillary building and erection of 2 No. detached 4 bed dwellings, with parking spaces, garden shed and private garden.
(Re-submission of approved application Ref: 12/01871/FUL)

Condition 16: CN&D – 05.09.2018

PROVISIONS TO BE MADE FOR THE CONTROL OF NOISE AND DUST

Working Hours Noisy operations and demolition and associated deliveries will be restricted to the hours of: 8.00hrs. to 18:00 hrs. Monday to Friday and 09:00 hrs. to 13:00 hrs on Saturdays.

Not within peak traffic hours

A letter drop shall be carried out by the contractor to all surrounding properties affected by the development. The letter will advise residents of commencement and duration of the works along with contact details for the project.

Noise, Dust and Vibration will be controlled by employing Best Practicable Means (BPM) as prescribed in the following legislative documents and the approved code of practice BS 5228:

- The Control of Pollution Act 1972
- The Health & Safety at Work Act 1974
- The Environmental Protection Act 1990
- Construction (Design and Management) Regulations 1994
- The Clean Air Act 1993
- General measures to be adopted by the Contractor to reduce noise, dust and vibration include:
- Erection of site hoarding to act as minor acoustic screen.
- Use of super silenced plant where feasible.
- Use of well-maintained modern plant.
- Site operatives to be well trained to ensure that noise minimisation and BPM's are implemented.
- Effective noise and vibration monitoring to be implemented.
- Reducing the need to adopt percussive and vibrating machinery.
- Bored piling techniques to be adopted to reduce piling induced vibration if required.
- Piles to be broken down using non-percussive techniques.
- Vehicles not to be left idling.

- Vehicles to be washed and cleaned effectively before leaving site.
- All loads entering and leaving the site to be covered.
- Measures to be adopted to prevent site runoff of water or mud.
- Water to be used as a dust suppressant.
- Cutting equipment to use water as suppressant or suitable local exhaust ventilation system.
- Skips to be covered.
- Drop heights to be minimised during deconstruction.
- Use of agreed wet cleaning methods or mechanical road sweepers on all roads around site.
- Set up and monitor effective site monitoring of dust emissions.
- Working hours to be restricted as required by the Local Authority.

NOISE

Under the Control of Pollution Act 1974, Part 3, Environmental Protection Act of 1990 and the Noise Regulation Act, noise is a recognised form of pollution and as such can be classified as a nuisance.

The Control of Noise (Codes of Practice for Construction and Open Site) Order 1984 gives legal approval for BS 5228, parts 1 & 2, 1984. This provides information on noise and noise control on Construction Sites. Every attempt shall be made to control noise at source.

On sites where construction works are in progress everyone has a responsibility to see that activities are carried out in the quietest practicable manner. Where noisy activities are unavoidable the disturbance will be minimised/attenuated by choice of technique, timing, shielding or protection as appropriate.

Where any person is liable to be exposed to noise levels greater than 80 dB (A), they will be informed and provided with suitable ear protection. The most likely protection, in ascending order of attenuation is ear plugs, ear muffs and noise attenuation helmets. Noise will always be kept to a minimum and any further restrictions imposed under the terms of the construction contract will be strictly adhered to.

DUST

The BRE 'Control of Dust from Construction and Demolition Activities' 2003, London Councils/GLA Best Practice Guide "Control of dust and emissions from construction and demolition" and Mayor of London's SPG on 'Control of Dust and Emissions' 2014, which gives best practice guidance on the control of dust and vehicle fumes will be implemented and followed where possible.

- Stock piles will be minimised and covered/damped down. A water supply/stand pipe will be available on site for dust suppression purposes.
- Vehicle movements: Any loads likely to produce dust shall be covered and wheel wash facilities where necessary will be provided at the exit to the site to prevent tracking of material off site.
- The contractor will monitor on a daily basis the areas immediately surrounding the site to ensure dust and dirt is minimised.
- All personnel working in a dusty area shall, where necessary, wear a dust mask deemed suitable by the HSE (Health and Safety Executive) General dust extraction will be used if required and local extraction used whilst wall chasing.
- On completion of demolition and the heavy structural works, the contractor will get a window cleaning company to attend all overlooking neighbouring properties if required.

CONCLUSION

It is our opinion that the proposed works can be carried out within a safe manner by a suitable contractor and that noise, dust and vibration can be sufficiently mitigated.

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