

Control of Noise and Dust During Construction

Construction Works for

11-13 Kings Road, Reading, RG1 3AR

Conversion of first floor from restaurant use (A3) to residential (C3) providing four self contained apartments (1 x 2 bed and 3 x 1 bed units) and associated works

April 2019

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1.0 Introduction

This document is provided in support of planning application 182006FUL for 11-13 Kings Road, Reading, to illustrate the project's compliance with Reading Borough Council's planning policy in respect of the control of noise and dust emanating from construction sites.

2.0 Working Hours

Any noisy operations will only occur during normal working hours which are Monday to Friday 8.00am to 6.00pm and Saturday 9.00am to 1.00pm. No works will be undertaken on Sundays, or Bank or Statutory Holidays, without the prior approval of the Local Planning Authority.

3.0 Control Measures

Impacts on the local amenity will be strictly controlled and managed by the Contractor. Working hours will be restricted as required by the Local Authority. The Contractor will be required to provide a Construction Management Plan prior to undertaking the works. The contents of this plan must be agreed with the Local Authority and complied with unless otherwise agreed with the Council.

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.
- Vehicles not to be left idling.
- Measures to be adopted to prevent site runoff of water or mud if so required.
- Water to be used as a dust suppressant if so required.
- Cutting equipment to use water as suppressant or suitable local exhaust ventilation system.
- Skips to be covered.
- Drop heights to be minimised during deconstruction. .
- Set up and monitor effective site monitoring of dust emissions.
- Working hours to be restricted as required by the Local Authority.

4.0 Dust

The BRE 'Control of Dust from Construction and Demolition Activities' 2003, 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 if so required.

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. Given the nature of the works and the site itself this is considered unlikely.

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 any heavy structural works, the contractor will get a window cleaning company to attend all overlooking neighbouring properties if so required.

5.0 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 be kept to a minimum at all times and any further restrictions imposed under the terms of the construction contract will be strictly adhered to.

6.0 Vibration

All works involving vibration will be minimised and where possible eradicated by design and the use of controlled mechanical equipment. Any operation involving vibration will have a HAVS risk assessment and procedures put in place to minimise the effects on personnel.

7.0 Conclusion

In conclusion by adhering to the above measures the proposed works can be carried out in a safe manner by a suitable contractor and dust, noise and vibration can be sufficiently mitigated.