

LECONFIELD

Property Group

34 Belgrave Mews South

Noise, Dust and Vibration Report

1. What is the full postal address of the site?

- 34 Belgrave Mews South, London, SW1X 8BT

2. Please give a very brief description of the work and include a site layout plan.

- Excavation to form a subterranean/basement extension with lightwell to rear and extensions at rear ground and first floor levels.
- A site layout plan is submitted with the application

3. Please provide contact details for the person responsible for completing this form.

Leconfield Property Group
21-23 Ives St
London SW3 2ND

Tel: 02070781940

4. Leconfield Property Group confirm that they have read and understood the Council's Code of Construction Practice and the GLA's Supplementary Planning Guidance on the Control of Dust and Emissions During Construction and Demolition.

5. Contractor name and contact details:

Bruno Carvalho
LBC Contractors
21-23 Ives St
London SW3 2ND

6. Please detail how neighbours have been consulted with regard to liaison during the development and minimising the impact of construction work.

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- Letters have been sent to the following neighbours and Residents Associations:
 - 32 Belgrave Mews South
 - 36 Belgrave Mews South
 - 11 Eaton Place

7. Site categorisation

- The site is Category 1

8&9. Programme

- The submitted CTMP outlines programme timescales, broken down into construction type and phases.

10. High impact works

- High impact activity will not be carried out outside of Monday to Friday 9am to noon and 2pm to 5.30pm.

11. Proposed mitigation measures – noise and vibration

All operatives on site will be trained to ensure that noise minimisation and best practicable means (BPM) are implemented at all times. Works will be checked regularly by Site Engineers to ensure that BPM are being undertaken and where necessary corrective actions implemented. Employees must show consideration to the sensitive receptors, including residential neighbours, and must not generate unnecessary noise when walking to and from the site, or when leaving and arriving at work.

The Best Practicable Means (BPM) (as defined in Section 72 of the Control of Pollution Act 1974) will be used to reduce noise and vibration levels at all times. Where practicable the control measures set out in BS 5228:2009 + A1:2014 Part 1, Section 8 will also be implemented. Recommended noise and vibration control measures include:

- Choice of methodology/technique for operations (including site layout) will be considered in order to eliminate or reduce emissions at sensitive locations
- Fixed items of construction plant will be electrically powered in preference to diesel or petrol driven
- If any specialise fabrication is required, this will be undertaken off-site if possible
- Noisy plant will be kept as far away as possible from sensitive areas

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- Each item of plant used will comply with the noise limits quoted in the relevant European Commission Directive 2000/14/EC/United Kingdom Statutory Instrument (SI) 2001/1701 [3] where reasonably available
- Equipment will be well-maintained and will be used in the mode of operation that minimises noise and shut down when not in use
- Vehicles shall not wait or queue on the public highway with engines running (unless the engine is required to power the operation of the vehicle e.g. concrete wagon) • Where possible deliveries will be arranged on a just-in-time basis in order to prevent vehicles queuing outside site.
- All materials will be handled in a manner that minimises noise
- Any operations which are conducted externally should employ a moveable acoustic screen in order to minimize noise from the operation

12. Proposed mitigation measures – dust

General advice for all construction and demolition sites, as recommended within the Mayor's SPG for Control of Dust and Emissions during Construction and Demolition (July 2014) include the following:

- Dust suppression and screening must be carried out to minimise the transfer of dust into neighbouring properties.
- Dust generated by the construction process will be suppressed via a fine directional spray jet of water aimed at the source, and any material to be transported to be wetted down prior to transit.
- Skips, chutes and conveyors should be completely covered and, if necessary, completely enclosed to ensure that dust does not escape.
- Drop heights should be minimised to control the fall of materials
- Material as cement, sand, and other aggregates are sealed after use and stored in enclosed or bunded containers or silos and not allowed to dry out, unless this is required for a particular process, in which case should additional control measures are taken in place.
- Cutting equipment to be used with water suppressant and/or suitable extract system
- No burning of waste wood or other materials on site
- The stockpiling of dust generating materials on site will be minimised
- Wet brushing techniques will be used for cleaning
- Regular checks for visual observation of dust and soiling within 50m of site
- Screening to be erected surrounding site boundaries where possible

13. Monitoring regime

A monitoring regime would be agreed with the Council prior to commencement of any works.