

**LBC LEGAL DUTIES and EXPECTATIONS REGARDING BUILDING CONSTRUCTION/DE-CONSTRUCTION SITES**

**Addendum to CMR 242137**

**Camden's Minimum Requirements (CMR) number: 242137**

**Site: 13 Ferncroft Avenue, London, NW3 7PG**

**Planning number: 2014/7674/P**

**Date: 17<sup>th</sup> July 2018**

**Revision:**

I have read the submitted CMP for the Undated V.1 produced by Erdol Construction Ltd, regarding the above site, which, is linked to planning application 2014/7674/P.

I confirm that no visit has been made to this site in connection to this DMP.

13 Ferncroft Avenue is a semi-detached property, adjoining No 15 comprising of ground level, first floor, and second floor, plus limited basement level and with an accessible driveway, side-alley access shared with No 11.

The proposed works comprise:

- Demolition of single storey at the rear in connection with
- Excavation to enlarge existing basement
- Side and rear elevations,
- Alteration to windows on side elevation.

The noisy works which have the potential to cause noise have been identified as follows:

- Demolition works.
- Underpinning works
- Bulk excavation of basement

The adjoining and adjacent properties at No.'s 11 & 15 are the nearest potential sensitive receptors from unacceptable levels of noise, vibration, dust, fumes, lighting, etc. The duration of all works has been envisaged to be approximately 36 weeks or 9 months.

The Contractor has submitted a number of documents in support of the CMP amongst them:

- (a) An environmental noise survey from Venta Acoustics, VA2296.180712.ENS produced on 12<sup>th</sup> July 2018
- (b) A pest survey report produced by London Pest Solutions reference number 0266 dated 20<sup>th</sup> July 2018

With regard to the noise report submitted by Venta Acoustics the report produces only an acoustic baseline. However, no BS5228:2009+A1:2014 noise survey has been carried out. Hence it is not fully acceptable.

London Pest Solutions after a number of visits they found no rodent activity in or under the property, however, it has not presented evidence of baiting and capping drains, etc. hence it is not fully acceptable.

**The following are missing from the submitted DMP:**

- A noise report dealing with ABC +5dB method according BS5228:2009+A1:2014
- Identification of the type of noise generated (e.g. airborne, ground-borne and structure-borne) during the works and their impact to the noise sensitive neighbouring receptors.
- Identification of the worst affected property by the effect of noise/vibration (including structure borne) and 3D (see CMR 242137) if applicable.
- Actions to be taken in cases where these noise levels exceed the predicted noise and vibration levels.
- Philosophies to be incorporated, maintained, improved and enforced in:
  - (i) Noise/vibration reducing throughout the site and the life of the project.
  - (ii) Prevention of dust formation in the first place, throughout the site and the life of the demolition works.
- Evidence from a British Pest Control Association (BPCA) demonstrating existence/non-existence of rats and mice by using baiting techniques.
- Evidence of how the rodents living on the site are being prevented escaping the site prior commencing the works and during the works

**The following items listed below are required to be produced.**

- A noise report dealing with ABC +5dB method according BS5228:2009+A1:2014 (\*see below of what it is required to be presented in this report for implementation).
- Philosophies to be incorporated, maintained, improved and enforced in:
  - (a) Noise/vibration reducing measures to be used throughout the site and the life of the project. (\*see below of what it is required to be presented in this report for implementation).
  - (b) Prevention of dust formation in the first place, throughout the site and the life of the project.
- Identification of the worst affected property by the effect of noise/vibration (including structure borne) and 3D (see CMR 242137)
- Full details describing mitigation measures to be incorporated during the construction/demolition works to prevent noise and vibration disturbances from the activities on the site to the main receptors (taking into account noise type and noise levels).

- State the actions to be taken in cases where these noise and vibration levels exceed the predicted noise and vibration levels.
- Evidence before works commence Contractors, builders, etc. have taken reasonable steps to ensure that any existing drainage serving the site is secure. This means locating the interceptors of the existing buildings and making sure that the drains are currently running free and that any interceptor (Rodding Eye) caps are in place. For straight through systems a rat block device should have been installed before any work starts.
- Before any building works commence provide evidence if the existing drains are not to be used for the new development then these have been cemented and sealed.
- Before any building construction/de-construction works commence evidence should be provided that any additional drainage leading back from the interceptor left open, the corresponding interceptor interceptor/s are sealed.
- Evidence of action taken to prevent the rodents living in the site are not escaping the site prior commencing the works and during the works (baiting results and drain capping, etc.).

**NB Note**

***\*When submitting/producing the new noise report and producing the noise/vibration philosophies the following ((i) to (xv) shall specifically be taken into account:***

- (i) The existing baseline of the ambient noise levels.
- (ii) ABC +5dB method according BS5228:2009+A1:2014
- (iii) Prediction of the noise levels at worst affected noise receptor
- (iv) Full description of the noisy activities and/or operations
- (v) Noise sources from plant/machinery/activity
- (vi) Noise type i.e. airborne, ground borne and structure borne (including causes)
- (vii) Noise impact of nearest building demolition works on existing residents.
- (viii) Impact of activities likely to be carried outside standard hours i.e. utilities connections, crane arrival and assemblage, etc.
- (ix) Impact of vehicles related to the site in terms of noise during the different working phases and according different times i.e. loading-unloading, etc.
- (x) Identification of structure borne noise respite areas during the proposed works (if required).
- (xi) The prediction of noise (including structure borne noise) at the potential noise receptors.
- (xii) Identification of the worst affected property by the effect of noise/vibration (including structure borne) and 3D (see CMR) if applicable
- (xiii) Full details describing mitigation measures to be incorporated during the deconstruction works to prevent noise and vibration disturbances from the activities on the site to the main receptors (including those who will remain in partial occupation during the works).

- (xiv) Full details describing mitigation measures to be incorporated during the deconstruction works to prevent noise and vibration disturbances from the activities on the site to the main receptors (including those who will remain in partial occupation during the works).
- (xv) Actions to be taken in cases where these noise levels exceed the predicted noise and vibration levels.

Once the above is provided and approved by the Council, then noisy building deconstruction /construction works could commence with the proviso that the Contractors also agree with the following understandings:

### **SPECIFIC UNDERSTANDINGS**

In meeting these SPECIFIC UNDERSTANDINGS and/or reviewing the CMP, the Contractors shall have regard and shall be consistent with the following documents, policies, and procedures:

- Camden's Minimum Requirements (CMR242137, attached)
- Addendum CMR 242137, attached)
- British Standards BS5228:2009+A1:2014
- "Pest minimisation Best practice for the Construction Industry" (attached) for eradication of rat/mice before works commence
- The Control of Dust and Emissions During Construction and Demolition (SUPPLEMENTARY PLANNING GUIDANCE) 2014
- Noise/vibration reduction and visible dust prevention philosophies to be produced and approved to be implemented.
- Noise Vibration report produced according to BS5228:2009+A:2014 to be produced and approved for implementation.
- ABC method according BS5228:2009+A1:2014 to be produced and approved for implementation according to the NB note see \* above
- Noise/vibration reductions philosophies to be produced and implemented.

The Main Contractor also understand that the proposed works cannot commence unless 28 days before the following SPECIFIC UNDERSTANDINGS are already in place, are ready to be implemented and their details are readily made available on request by an authorised Officer of the Council:

#### **1. In case, structure borne noise at party walls or tall buildings is generated.**

- (a) A noise report dealing with the effect of structure borne noise from the building de-construction and construction activities shall be required before any proposed works commence. The noise report shall deal with the provision of suitable respite accommodation to those who are being affected. Refer to BS 6472-1:2008, BS5228: 2009+A1:2014, CMR242137.

- (b) The prediction of noise levels (including structure borne noise) at the potential noise receptors (including any person residing/working inside the building or sharing party wall) shall be made before the proposed works commence.
- (c) Prior any de-construction/construction works commence but no less than (28 days of the proposed works commence), the resident and/or the residents, living at the sharing party wall shall formally be offered in writing an appropriate suitable respite alternative accommodation for the whole duration of these construction/deconstruction works. The offer and details of the offer shall be confirmed in writing to the Council”.
- (d) If the adjoining building is structurally connected and is occupied while the proposed works are in progress and should structure borne noise through party wall and/or other connected part of the building occurs, then a respite scheme shall be required to provide to those who are directly affected by the works that is causing the structure borne noise.
- (e) No dweller should remain in their dwellings without a properly suitable respite accommodation being offered while noisy structure borne works/activities are being carried out.

## **2. Identification of worst affected property.**

- (f) Prior any construction/deconstruction works commence identification of the worst affected property by the effect of noise/vibration (including structure borne) and 3D (see CMR 242137) shall be required.
- (g) Prior any construction/deconstruction works commence full details describing mitigation measures to be incorporated during the construction/demolition works to prevent noise and vibration disturbances from the activities on the site to the main identified receptors.

## **3. Noise monitoring**

- (h) Noise and vibration monitoring shall be carried out. (242137 Camden’s Minimum Requirements attached).
- (i) State the actions to be taken in cases where these exceed the predicted noise and vibration levels.

## **4. Respite accommodation for non-party wall/adjoining properties (airborne noise).**

- (j) Where noise exceeds noise limits for a period of 10 or more days of working in any fifteen consecutive days or for a total number of days exceeding 40 in any 6 month period provisions for temporary respite accommodation will be offered.

## **5. Rats control/extermination**

- (k) Once main contractor has been appointed and at least 6 weeks before the works commence a rodent assessment report shall be issued and the site shall be baited to ascertain the degree of rat/mice infestation.
- (l) Before any construction/deconstruction works commence Contractors, builders, etc. have to keep sufficient evidence and make such evidence readily available on request by an authorised Officer of the Council the following:
  - Any existing drainage serving the site is secure. This means locating the interceptors of the existing buildings and making sure that the drains are currently running free and that any interceptor (Rodding Eye) caps are in place. For straight through systems a rat block device should have been installed before any work starts.
  - If the existing drains are not to be used for the new development then these have been cemented and sealed.
  - Any additional drainage leading back from the interceptor left open, the corresponding interceptor interceptor/s are sealed.
  - The rodents living in the site are being systematically destroyed and/or prevented escaping the site prior commencing the works and during the works.

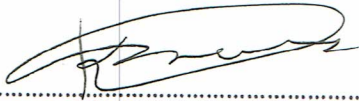
#### GENERAL UNDERSTANDINGS.

- (a) London Borough of Camden under the Control of Pollution Act 1974, Environmental Protection Act 1990 and Prevention of Damage by Pest Act 1949, has the legal duty to protect from the effects of noise (including vibration), statutory nuisances and pest prevention from rodents to those who are living in the proximity of the proposed works.
- (b) The Council expect to receive no valid complaints during the entire duration of the proposed works to be undertaken at, **13 Ferncroft Avenue, London, NW3 7PG.**
- (c) The CMP shall be a living document to be reviewed/modified as soon as problems arise or when it is required.
- (d) Noise and vibration monitoring shall be carried out. (See CMR 242137) Camden's Minimum Requirements attached)
- (e) A continuous philosophy to be incorporated, maintained, improved and enforced in:
  - (a) Noise/vibration reducing throughout the site and the life of the project.
  - (b) Prevention of dust formation in the first place, throughout the site and the life of the project

A copy of this document shall be made available to the appointed Building Contractors and their sub-contractors

- (f) Full adherence and compliance and implementation with the 242137 CMR for the site.
- (g) Where practicable, to prevent vibration during excavations works, most modern excavating equipment and the most modern excavation techniques shall be used.
- (h) No demolition works shall be commenced without an adequate water supply to cover the whole working areas.
- (i) At all times the site shall be kept free, so far as is reasonable practicable, from rats and mice. (Prevention of Damage by Pests Act 1949, part 'H' of the Building Regulations (Drainage & Waste Disposal)).
- (j) Continuous liaison with the local community, before works commence, during the works and in particular in case of exceedances and/or change of techniques or methodology and or complaints/concerns.
- (k) Full adherence and compliance and implementation with the 242173 CMR, 242137 ACMR for the site and BS5228:2009+A1:2014.

Signed: .....



Date: .....

10 / OCT / 2018

Print Name: .....

RASTRO LULAS

Position: .....

DIRECTOR