

19 April 2016

Ref: 14208.CMP.01

Ben Lampert
 Hamilton Court Developments

By email to: ben@hcdevelopments.com

Dear Mr Lampert

14206: PRATT MEWS, CAMDEN - CONSTRUCTION MANAGEMENT PLAN

Further to our review of all information related to the proposed works at the above site, we are pleased to provide the following summary.

The main target of this review is to calculate and assess the predicted noise levels due to works at the above site. Information with regards to in-situ noise emissions has been used from the relevant Standard (BS5228) regarding similar items that may be used in the process, such as concrete pumps, scaffolding lorries, etc. Table 1 shows predicted noise levels without/with mitigation measures, such as localised screening, site hoardings, temporary screens around items during works, careful location of fixed items of plant so that they are well screened, attenuators on fixed plant, etc.

	BS5228 levels		Without Mitigation		With Mitigation	
	L _w	L _p @10m	Boundary level	Level inside	Boundary level	Level inside
Compressor	102	74	82	67	62	47
Clay Digger	102	74	82	67	72	57
Demolition Hammer	111	83	91	76	71	56
Circular Wood Saw	109	81	89	74	69	54
Angle Grinder	108	80	88	73	68	53
Hammer Drill	113	85	93	78	73	58
Piling Rig	110	80	88	73	73	58
Lorry pulling up	98	70	78	63	78	63
Lorry unloading	112	84	92	77	82	67
Dismantling scaffolding	108	80	88	73	78	63
Loading scaffolding	100	72	80	65	70	55
Concrete pump on lorry discharging	95	67	75	60	65	50

Table 1: Predicted noise levels without mitigation

The predictions shown in Table 1 represent a worst case scenario and the main assumption is that that all equipment will be running simultaneously at the nearest point to the receiver (No. 4/6 Pratt Street).

Mitigation measures would inherently include Best Practicable Means (BPM) related to the control of noise. Examples which would need to be adopted in-situ are as follows:

- The Best Practicable Means (BPM), as defined in Section 72 of the Control of Pollution Act 1974, shall be employed at all times to reduce noise (including vibration) to a minimum, with reference to the general principles contained in section 8 of BS5228: 2009 'Noise and Vibration Control on Construction and Open Sites'.
- The quietest and newest vehicles/plant machinery shall be used at all times where practicable. All vehicles and mechanical plant used for the purpose of the works shall be fitted with effective exhaust silencers, shall be maintained in good and efficient working order and operated in such a manner as to minimise noise emissions.
- Tools shall be inspected to ensure they are safe and good working order and not causing unnecessary noise through ill maintenance.
- Prior to works commencing on site, the adjacent properties will be mail-dropped to provide them with information about the upcoming works, and expected duration of the phases (demolition and construction). This will contain contact details for the site manager during site hours, as well as a contact email for out of hours contact.
- If residents consider noise levels to be too high during works and contact the site, the site manager will investigate the source of the noise. If noise levels are considered to be too high, the activity will cease immediately, and a new methodology will be investigated to minimise noise levels to nearby receivers. Lower noise events will be investigated and measures taken to reduce noise levels, with the site manager reporting back to the complainant within 24 hours.”.

We trust that the above is sufficient for the current project requirements. Should you have any questions, please do not hesitate to contact us.

Yours Sincerely,

Kenny Macleod AMIOA
KP Acoustics Ltd