# Noise

Heatley Developments will want to ensure that disturbance to the local neighbourhood resultant from any noise generated by the works is eradicated or minimised.

As a registered considerate contractor, Heatley Developments will take a considerate approach to residents and business premises that could be affected by the works. Whenever working on a site within a residential area it is basic courtesy to inform local residents and businesses that work is about to commence. This would be done via a newsletter describing in brief the works and our proposed programme. Our Project Manager shall be the point of contact, his telephone number would be provided should there be any enquiries. The general public shall be informed of the works by fixing a sign or notice to the site hoarding giving a brief description of the works. Gaining and understanding for the neighbour’s lives and business operations and planning

activities so that any noisy operations avoid noise sensitive times for neighbouring

residential properties and businesses.

Heatley Developments will also post newsletters and display updates with regards forthcoming activities, progress and information as well as giving project contact details and outlining their procedures and protocol for handling complaints.

It is not expected that noise & vibration issues will pose a significant risk or nuisance to members of the public. It is envisaged that these will be limited by chosen methods of construction, working time restrictions and the use of noise suppressed plant & water dust suppression.

Heatley Developments operates a fully accredited Environmental System which includes documented procedures to deal with noise and other statutory nuisance issues. As such they will ensure that all contractors and sub-contractors engaged on the project must have due regard to BS 5228-2:2009 "Code of Practice for Noise Control on Construction and Open Sites" and the Control of Pollution Act 1974. They will actively seek working methods and innovative solutions that assist in reducing the generation of noise from their building activities. HD will take a collaborative approach with local residents, businesses and local authorities by communicating our intentions well in advance of any noisy operations and before we start work.

All projects are risked assessed before commencement on site, and documented control measures would be implemented to mitigate any harmful consequences to persons/health from on-site operations. All plant equipment would be fitted with silencers to ensure that noise levels are kept within acceptable limits and within the guidelines set out within the tender documents. The electric static crane that will be used on site is also a distribution measure we have adopted to minimise noise from plant.

HD will ensure where practicable that they:

* select working methods with due regard for minimising any noise generated by the activity
* use solid hoarding at site perimeter to muffle any noise generated.
* service vehicles and maintain machinery regularly.
* fit noise-reducing devices such as silencers or baffles to generators, plant and machinery;
* carry out regular noise assessments;
* Source hire equipment and plant targeting the quietest alternatives;
* minimising the use of vehicle reversing alarms;
* turning off engines when they are not in use;
* checking that brakes are properly adjusted;
* using vehicle horns only in the case of emergency;

Some noisy activities such as demolition cannot be avoided but as mentioned above these activities would be risk assessed and control measures introduced. These activities would be conducted as quickly as possible to minimise disruption to the local community.

# Vibration

Heatley Developments will require contractors to demonstrate as part of their Method Statement the vibration ratings of any tools being used and provide evidence through record sheets that employees are not exceeding the exposure limit value; where employees exceed the exposure action value the contractor will advise what measures are being taken to protect the affected individuals and carry out toolbox talks on the issues.

The Control of Vibration at Work Regulations requires the management of exposure to vibratory equipment to protect the operatives from Hand Arm Vibration Syndrome and other associated diseases.

The control of vibration risk will be achieved by selecting and using machinery and

equipment which produces lower levels of vibration, by restricting the duration of exposure

by job rotation, by maintaining equipment, by modifications to the working conditions which

help prevent an adverse environment and by use of Personal Protective Equipment as

identified within the relevant risk assessments.

All plant selected will be suitable to allow HAV levels to be within acceptable levels.

Activities that have the potential to cause vibration are piling operations, excavating and

breaking out concrete, cutting and grinding.

The piling methodology and associated plant for the installation of sub-structure will be

selected with due regard for the site conditions, surrounding neighbouring properties and

with the aim of mitigating disturbance due to noise and vibration.

Health surveillance and awareness training will also be available to the workforce.