



## Noise

The likely noise levels during construction and operational stages of the development were assessed by comparing predicted noise levels with those in the area at present. The assessment method makes reference to a number of British Standards, Planning Policy Guidance Note 24, National and International guidance on noise impacts and the requirements of the Design Manual for Roads and Bridges (DoT, 1993 and amendments). Consultation also took place with the Environmental Health Officer at London Borough of Hillingdon. Assessment of the suitability of part of the site for housing was undertaken in accordance with the London Borough of Hillingdon's 'Draft Supplementary Guidance – Noise', and Planning Policy Guidance Note 24. With respect to boundary noise levels, the proposed development site is already significantly affected by noise from road, rail and air sources.

Noise from construction sites is normally localised and only temporary in nature. However, it is recognised that such noise can cause a nuisance to local residents. Throughout the construction works delivery and muck-away lorries will access and leave the site via Stockley Road. Site hoarding to a standard height of approximately 2.4m, will reduce noise levels particularly during demolition which is predicted to be the noisiest albeit brief activity. Precise construction methods are unknown at this time, however, piling may be required and a strategy to be agreed with the Local Authority for controlling vibration will be implemented.



On this basis, the assessment indicates that during construction work noise on, and immediately around the development site will have a moderately adverse impact on the amenities of adjoining residential development, although such impact will be temporary. The assessment predicts that it will be unlikely that perceptible levels of vibration will occur off-site. In agreement with Hillingdon Borough Council, standard construction site noise control measures to reduce noise levels will be put in place to reduce the impact on the residential amenity of adjacent occupiers to acceptable levels.

Once operational the proposed commercial use of the site will result in noise from deliveries and car parking at certain locations. The application proposals have been designed to minimise possible noise impacts with access roads and industrial activities specifically located furthest from the existing and proposed housing areas. In order to reduce the impact of noise from the proposed activities in line with London Borough of Hillingdon criteria it will also be necessary to undertake a number of mitigation measures, including:

- the construction of solid barriers, either fencing and /or mounding to a maximum height of 7m. at sensitive locations e.g. between service yards and existing/proposed residential properties;
- speed limits applied to the site;
- all vehicles using the site will conform to European Community noise and emissions standards;
- at night, vehicles' reversing warning beepers will be switched off;
- at night, all trailer units to be fully docked before loading/unloading to ensure that where possible noise is contained inside the building; and
- when docked, refrigeration units of HGV's to run from electricity supply rather than from the engine of the HGV.

