



ENS Acoustics
consulting

ACOUSTIC CONSULTING

Environmental Noise Solutions (ENS) is an independent acoustic consultancy specialising in noise in the built environment.

We undertake projects that encompass small, local development projects and new school developments through to major developments including large residential developments and hotels.

Our consultants all have a broad range of experience, both in the public and private sector, and who all work to our high standards of delivering the best possible service to our clients in a proactive and responsive manner required by the modern, commercial environment we all work in.



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The New Supermarket

DELIVERING THE SOLUTIONS YOU NEED

We were commissioned by a major supermarket retailer to address all the noise and acoustic issues associated with the development of a new supermarket in a small market town.

The project combined the assessment of external noise for planning and noise break-out purposes; the control of internal noise within the building to and also the determination of the impact of night time deliveries on nearby residents.

flexible solutions for the retail market

Air Handling Plant and Night Time Deliveries

The team delivering acoustic consultancy to the supermarket retailer was headed by one of our principal consultants, Richard Pennell, a lead consultant within the acoustics team at ENS.

The client required a quick response from ENS at the planning stage to ensure that all issues associated with noise control and the impact of noise from the supermarket development were addressed prior to planning application submission.

The project involved the assessment of the current noise environment at the proposed development site and the superposition of noise associated with typical plant and operational activities at a supermarket to determine whether the development could be designed to ensure that there was no loss of nearby residential noise amenity.

Through detailed analysis of the external plant to be used at the site and the timing of deliveries to the store we were able to address all the noise concerns of the local planning authority.



THE ON GOING PROJECT

The project is currently on going and the store is due to be completed in 2011.

Since this project was won, we have been commissioned to validate other large developments on behalf of the 'big four' supermarket chains in the UK.

The greatest challenge we currently face is to balance the needs of the local convenience store (available "7 'til 11") and its customers against the operational desire to make out-of-hours deliveries to the store during the night time without impacting nearby residential noise amenity.

For further details about how ENS Acoustics can help you with acoustics for store planning please contact::

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