Project Overview

Energy Evaluation Service Limited was instructed by Futures Homeway Ltd (part of the Futures Housing Group) to produce Energy & Noise Reports in support of their planning application in relation to the development at Middlemore.


The total CO₂ production for the Part L1 baseline TER for both units combined has been predicted to be around 84,000 kg of CO₂. DERvTER compliance could be achieved through the inclusion of enhanced fabric without the use of PV. With enhanced fabric and attention to thermal bridging the overall emissions DE from the site is predicted to be 79,001 kg of CO₂ a reduction of 6% relative to the original target TE of 83,951 kg of CO₂. In this case Part L1 compliance could be achieved without the requirement for additional technology.

Noise: A Noise Assessment was also carried out in accordance with the National Planning Policy Framework (NPPF), the Noise Policy Statement for England (NPSE) and the National Policy Planning Guidance document.

The noise measurements indicated “Low Risk” in accordance with PropPG State 1 classification. The predicted impact assessment from the neighbouring business park also indicated a low risk probability of an adverse impact in accordance with BS4142.

Primary Solutions

- Energy calculations for planning
- Review of L2C technology
- Noise assessments

Project Name
Site 8 (East)

Client
Futures Homeway Ltd

Sector
Residential noise & energy-planning application

Office
Nottingham