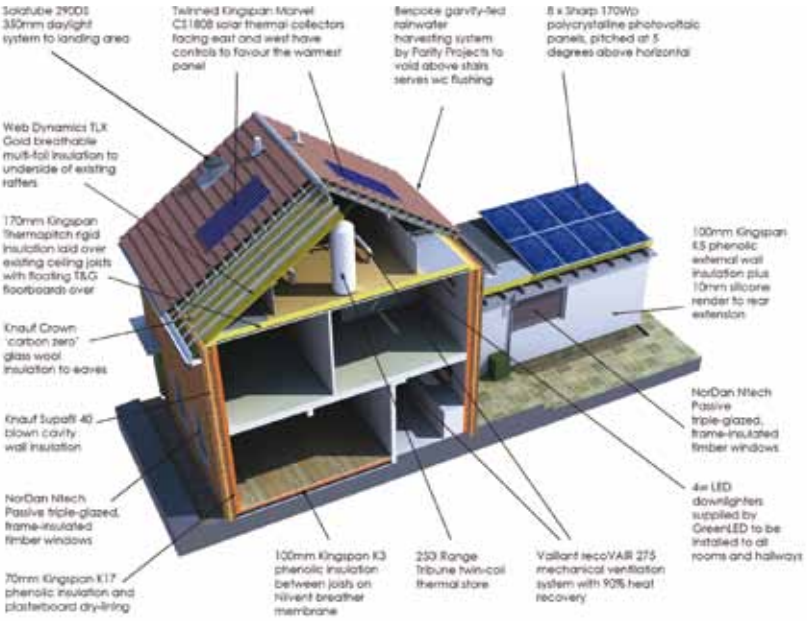
ECD ARCHITECTS PROJECT DATASHEET

225 COURT FARM ROAD
MOTTINGHAM

REFURBISHMENT PROJECT



Client:	The Hyde Group
Brief:	House Refurbishment: Retrofit and Replicate
Value:	£50,000
Current Status:	Complete
Sustainable Initiatives	Thermal improvements including superinsulation to both internal and external building fabric, triple glazing & insulated doors; high efficiency condensing low NOx gas boiler; LED lighting; PVC-free wiring; water conserving toilets and taps, rainwater harvesting, and heating-on-demand; solar thermal and photovoltaic panels.

ECD Architects worked with client The Hyde Group for the refurbishment of this void property in South East London using specific eco-measures with the aim of reducing the house's carbon emissions by 80%.

In-line with the national shift in the housing sector's focus from new build to refurbishment, this project, dubbed 'Retrofit & Replicate', actively addresses the challenge of reducing CO_2 emissions through the retrofitting of existing housing stock. Current government targets aim to reduce the UK's total CO_2 emissions by 60% per cent by the year 2050, however expert opinion in relation to housing suggests this target should be set to 80% to avoid irreversible damage to the planet.

Using this refurbishment as an experimental test case, the house is now being monitored to establish which measures selected provide the most practical, cost effective and replicable solutions for reducing CO_2 emissions in existing housing stock. Hyde will then look to implement and assess those measures within its housing portfolio.

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