

Sustainable Social Housing



Project name:
Sustainable Social Housing

Location:
Slough

Value:
£2.4m new build project

Services:
Building Services (M&E)

The Brief

Commissioned by social landlord Paradigm Housing, with grant funding from the Homes & Communities Agency (HCA) and Slough Borough Council, the Slough Garages housing programme managed by Mansell Construction, delivered 20 new homes on eight sites previously occupied by garage blocks that were in a poor condition.





Project Overview

The Slough Garages housing programme was developed to respond to urgent housing need in Slough. The new homes commissioned by Paradigm Housing, with grant funding from the HCA and Slough Borough Council, range from three, four and five bedroom detached and semi-detached houses, to terraced houses and bungalows, with gardens.

As the project's M&E consultants One designed all building services for this range of properties, achieving the Code for Sustainable Homes Level 3, without the need for renewable technology.

The Slough Garages housing programme has been credited as a great example of sustainable design, reducing local demand for social housing through the innovative conversion of problematic residential garages into new homes.



The Benefits

- **Innovative construction methods have eliminated the need for renewable technologies** – By adopting passive design measures, including highly efficient insulation, a 'sealed building envelope' and the installation of good quality boilers, the Code for Sustainable Homes Level 3 was achieved without the need for renewable technologies. This saved cost for the housing association because of lower capital purchases and the tenants in the future due to lower energy bills.

Images courtesy of Paradigm Housing Group



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One's building services team was tasked with achieving Level 3 Code for Sustainable Homes on our Slough Garages Development. Their design achieved this without the use of additional technology - reducing installation time and capital purchases. ”

Bill Kingwell, Regional Managing Director, Mansell



**For further information
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