



STRUCTURAL TIMBER

The latest in structural timber building design and technologies

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SOLID WOOD SOLUTIONS

UNDERSTANDING
THE IMPACT OF
ENGINEERED TIMBER
ACROSS THE BUILT
ENVIRONMENT.

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Transformational Construction

Alex de Rijke talks timber and the future of contemporary building design.

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Material Mix

Charterhouse School demonstrates how hybrid construction can overcome complex design and engineering challenges.

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Combustibles Legislation

Understanding the protocols surrounding new Building Regulations, CLT and multi-storey buildings.

NEW ECO-HOMES TO ENSURE PERMANENT AFFORDABILITY



Bioregional Homes, working with Waugh Thistleton Architects and Sustaining Chobham, a Community Land Trust (CLT), has submitted a planning application to build 30 new affordable homes in the village of Chobham, Surrey. The homes, located in a mature woodland setting, have been designed in partnership with members of the local community and, through the CLT, the scheme will be owned and managed by residents and held permanently available to local people at reduced prices.

Sue Riddlestone OBE, CEO of Bioregional and a Director of Bioregional Homes says: "Our vision for the site is to build homes for people on everyday salaries where it's easy and convenient to make sustainable choices and for people to get to know their neighbours. This is a new model of property development and home ownership which we are excited to be pioneering. It's early days, but there is such a lot of interest. We have been contacted by a number of community organisations and landowners and have half a dozen follow-on projects in the pipeline already."

Dave Lomax, Senior Associate at Waugh Thistleton Architects added: "We hope this project will become an exemplar and that the practices and offsite elements designed and developed here can be reproduced on similar sites across the country. Working so closely with the community to create homes that work for local people, both as potential residents and as neighbours has been a great experience."

Based on the site of a former tree nursery on Mincing Lane, at the edge of the village, the new homes have been designed to the highest standards of sustainability using Bioregional's ten One Planet Living principles. Sustaining Chobham has worked with Bioregional Homes and Waugh Thistleton Architects to co-design the homes and will then own the site in perpetuity, acting as long-term stewards of the homes to ensure that reduced house prices for people living locally will be protected permanently. Homes will be sold to local residents at a discount of between 40% and 20% compared to market levels.

The homes will have low energy bills and net zero carbon emissions. This is thanks to highly efficient building fabric, no on-site fossil fuel combustion, rooftop photovoltaic arrays and a commitment to purchase zero-carbon electricity. The building envelope will be constructed offsite in timber, allowing the build to happen quickly, accurately and with minimum disruption to the surrounding environment. The offsite fabrication will also provide opportunities for local businesses. This is the first of Bioregional Homes' projects to be submitted for planning permission since the company was created by Bioregional in January 2018. The company was launched with the support of the Mark Leonard Trust and the Treebeard Trust.

 Source: www.bioregional.com/bioregional-homes