

PROJECT

GREAT EASTERN BUILDINGS

LOCATION
Hackney, London

MULTI-STOREY RESIDENTIAL BUILDINGS

PROJECT DESCRIPTION

A mixed use development on a brownfield site in Hackney, providing 18 homes, retail units and a creative industry space.

Cross laminated timber (CLT) was the materials of choice for the superstructure of Great Eastern Buildings due to its inherent sustainability credentials, precision engineering and speed of installation. The relative lightness of the CLT and its positive effect on the substructure costs helped to keep the project within the cost plan. Comparatively low numbers of vehicle movements helped greatly to maintain a good relationship with the neighbours in this residential neighbourhood.

CARBON CALCULATION
Total stored/sequestered carbon in the KLH® – CLT panels for The Great Eastern Building is 143 tonnes.

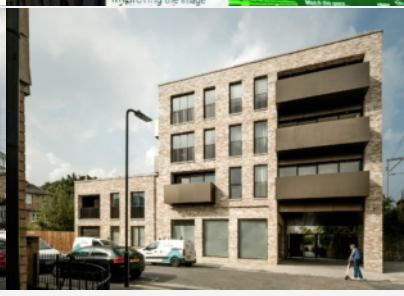
PROJECT DETAILS
Project Dates: 2016
KLH UK Services: Supply, design & install
Timber Volume: 593 m3
Build Period: 5 weeks











CLIENT
London Borough of Hackney

ARCHITECT
Karakusevic Carson Architects

TIMBER ENGINEER
Price + Myers

MAIN CONTRACTOR
Osborne Construction

KLH PROJECT SUPPORT
KLH UK Ltd.

PHOTOGRAPH
Mark Hadden (completed project)
KLHUK (construction images)