



KLH®

UEA BLACKDALE STUDENT RESIDENCES

LOCATION
Norwich,
UK

THE NEW DORMITORY FOR MORE THAN 500 STUDENTS

Phase 1 of the Blackdale project comprising two blocks, ranging from three to seven storeys high. A total of 520 units will provide an attractive new residential quarter for the University of East Anglia (UEA), following a pattern of development that is consistent with the original campus buildings and also with the surroundings.

Cross laminated timber was chosen for the superstructure due to its ability to greatly accelerate the construction process and its credentials as a more sustainable method of construction.

All builders work openings were coordinated during the BIM level 2 process and CNC cut in the KLH factory. The project was installed over a period of 15 weeks with up to four KLH UK site teams and cranes operating concurrently.

CARBON CALCULATION

Total stored/sequestered carbon in the KLH® – CLT for Blackdale is 935.3 tonnes

PROJECT DETAILS

Project Value: £14 million

Project Dates: 2016

Services: Supply, design & install

Timber Volume: 3,900 m³

Build Period: 15 Weeks

AWARDS

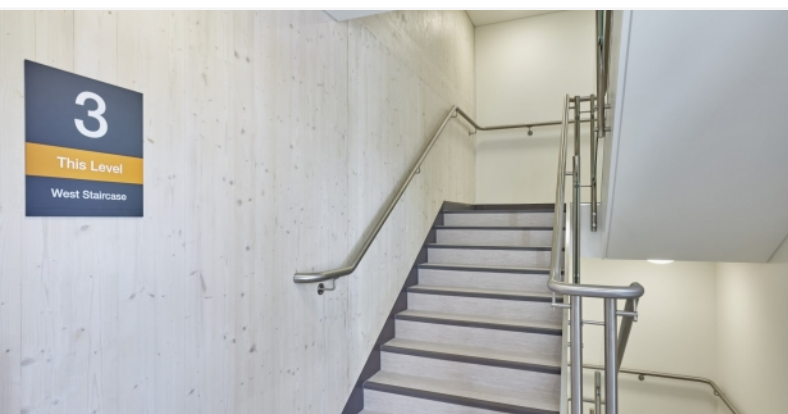
2017 – Offsite Awards, Education Project of the Year

2017 – Structural Timber Awards, Project of the Year

STUDENT DORMITORY







CLIENT

UEA Norwich

ARCHITECTURE

LSI Architects
www.lsiarchitects.co.uk

STRUCTURAL ENGINEERING

Ramboll UK – Cambridge
www.ramboll.co.uk

GENERAL CONTRACTOR

R G Carter
www.rgcarter-construction.co.uk

KLH SUPERVISION

KLH UK Limited
www.klhuk.com

PHOTOGRAPHY

LSI Architects | KLH UK Limited
 © Richard Osbourne | R G Carter