



**CADS RC**  
World Class Rebar Software

# CASE STUDY

The Quad Norwich, UK



conisbee

## THE PROJECT – 'THE QUAD', NORWICH

The Quad is a purpose built student accommodation development on the former Mecca Bingo site in the heart of Norwich. The project features five blocks at varying heights from 8 storeys to 12 storeys all designed in reinforced concrete and will accommodate 244 students in individual rooms along with communal spaces which include shared kitchens, living areas and a double height common room with views over the city. The completed development will include one of the tallest buildings in the city and will be a car free site with on-site parking only available for bicycles.

## CADS' CLIENT - CONISBEE

Conisbee is an award winning civil and structural engineering design practice with offices in London, Norwich and Cambridge. Conisbee work on projects of all scales and specialise in heritage engineering, refurbishment and repair, pre-planning services, off-site fabrication, deep basement design, demolition feasibility studies, contract administration and rail engineering.

## CONISBEE AND CADS SERVICES

CADS were contracted by Conisbee to carry out all the reinforced concrete detailing on this development. Although there weren't any particularly complex or unusual issues with the design the project presented some challenges in terms of programme time constraints and changes to the overall superstructure type.

The original design was for a proprietary light gauge steel structure and this was changed to reinforced concrete at a relatively late stage but with timescales for delivery remaining unchanged!

The completion date for the build was fixed as the accommodation would need to be completed ready for the new student intake in September 2018.

This meant that CADS' scale, efficiency and flexibility to adapt would become very important in order to meet deadlines and accommodate the design changes.

Any delays would have a knock-on effect on the rest of the project so it was vital that the reinforcement detailing was completed quickly in order to avoid any possible delays. The reduced time to provide the detailing meant that CADS put extra resources on the project to

### CADS CUSTOMER:

Conisbee

### OWNER:

Alumno

### LOCATION:

Norwich

### SIZE:

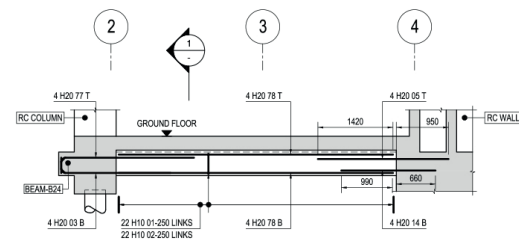
244 individual student bedrooms

### COMPLETION DATE:

August 2018

### ARCHITECTS:

Carson & Partners



GLOBAL CONSTRUCTION  
SOFTWARE AND SERVICES



Microsoft Partner  
Authorised Developer Gold Application Development

sales@cad.s.co.uk  
www.cad.s.co.uk

ensure deadlines were kept without compromising on the technical accuracy and drawing presentation of the drawings. This was the first time Conisbee had outsourced their RC detailing but any concerns that CADS would not be able to align with their exacting specifications and quality requirements were quickly allayed by CADS's clear communications protocol and exacting QA process.

## ABOUT CADS RC DETAILING

CADS has established an enviable reputation for providing expert RC detailing services to Consulting Engineers, RC Frame Contractors and Rebar Fabricators in the UK, UAE and North America. CADS uses its own market leading CADS RC and RebarCAD software to detail more than 3,000 drawings per month. With more than 500 detailers CADS has a unique capability to mobilise project teams that can meet urgent project deadlines.

"I had previously used CADS and their RC detailing service when I was with another company and I had no hesitation in recommending them to my new employer. CADS were very swift in mobilising their RC detailing team on this development which was key given the time constraints we were working to.

We sent over a comprehensive document as we have our own specific in-house standards and require our drawings to be presented in our style. This was all adhered to and CADS were flexible when there were changes, quick to respond and easy to deal with. We have since added CADS to our approved supplier list and will certainly use them again in the future."

**Tom Lefever, Associate at Conisbee**

