



CADS RC
World Class Rebar Software

CASE STUDY

The New Papworth Hospital, Cambridge, United Kingdom



SKANSKA

THE NEW PAPWORTH HOSPITAL IN CAMBRIDGE IS A WORLD-CLASS SPECIALIST HEALTHCARE FACILITY BASED ON THE CAMBRIDGE BIOMEDICAL CAMPUS.

When completed in 2018, the 40,000sqm £140 million project will provide 300 beds, seven operating theatres, five catheterisation labs and imaging and outpatient facilities.

Papworth Hospital is a leading adult heart and lung transplant centre best known for the first heart transplant in 1979 by Sir Terence English and the first to transplant a non-beating heart in 2015. Notable patients include Prince Philip who underwent coronary angioplasty in 2011 at 90 years of age!

Skanska is a CADS software customer using both SCIA Engineer (Structural FE Modelling & Design) and CADS RC (Rebar Detailing & Bar Bending Schedules). They used BIM based 3D room design technology to engage with doctors and nurses to drastically reduce the time it took to get each room design 'right first time'.

CONTRIBUTION OF CADS RC

Skanska has already engaged CADS to provide RC detailing services on more than 20 of its projects over several years and chose CADS to provide RC detailed drawings and bar bending schedules for their prestigious Papworth contract.

“CADS were very responsive to our demanding RC detailing requests and issued the drawings and schedules in a timely manner to enable us to meet the construction programme.”

Rob Cargill,
Senior Project Engineer, Skanska

ABOUT CADS RC DETAILING SERVICES

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 2000 drawings per month. With more than 500 detailers CADS has a unique capability to mobilise project teams that can meet urgent project deadlines without compromising drawing presentation or technical accuracy! CADS RC bar bending schedules can be shared electronically to facilitate digital integration with rebar production software and machinery.

Established in 1974, CADS is a leading software developer specialising in solutions for Civil & Structural engineering design and detailing. CADS has an installed base of 6000 customers using 60,000 licences in 90+ countries.

CADS RC's success is due to its advanced detailing features and technical excellence, which include integration with design and fabrication software. CADS RC can detail anything and has been successfully used on all sorts of building, transportation, water, process and power projects including precast concrete elements.

CADS RC CUSTOMER:

Skanska

CLIENT/OWNER:

The NHS Foundation Trust

LOCATION:

Cambridge

DETAILERS MAN HOURS:

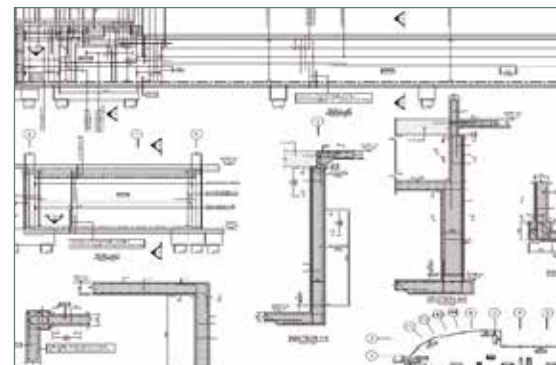
500

DURATION OF PROJECT:

Ongoing – expected 3 years

NUMBER OF DRAWINGS:

38



AUTODESK Authorised Developer **Microsoft Partner** Gold Application Development



GLOBAL CONSTRUCTION
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