



Cardiac Catheterisation Unit - Kettering General Hospital

.....
Client

Kettering General Hospital
NHS Trust

.....
Contractor

MedicinQ Ltd in joint
venture with Simons
Construction

.....
Architect

Gotch Saunders &
Surridge

.....
Engineer

David Smith Associates

.....
Steel Tonnage

300 tonnes

Caunton Engineering were employed at Kettering General Hospital to help build the Cardiac Catheterisation Unit. They were working for MedicinQ Ltd, the Procure 21 NHS framework contractor – a team of four major contractors. Simons Construction is the lead contractor for MedicinQ in this case.

The project involved building over the ‘air rights’ of an existing single storey hospital building. Caunton erected a sequence of two storey portal frames (one pitched) over this building. These required massive 914 by 419 Universal Beam sections for the 20 metre spanning floor beams.

The site was extremely difficult to access. A 250 tonne mobile crane was necessary to erect both steelwork and pre-cast concrete floor planks, from outside the footprint of the building.

Resistance to vibration was important in sensitive areas. The area where the sensitive cardiac catheterisation equipment was housed required substantial floor stiffening thereby minimising induced vibration. This was a requirement that steel was readily able to accommodate.

Caunton Engineering Ltd.

Caunton House, 2 Coombe Road, Moorgreen Industrial Park, Newthorpe, Nottingham NG16 3SU

▲ T. 01773 531111 ▲ E. sales@caunton.co.uk ▲ W. www.caunton.co.uk

