



caunton

ENGINEERING

www.caunton.co.uk

Steelwork for

Commercial



Caunton Engineering Limited,
Moorgreen Industrial Park, Moorgreen,
Nottingham NG16 3QU

sales@caunton.co.uk

Tel: 01773 531 111

Fax: 01773 532 020

We are a family owned company, established in 1969 and we have since proven to be a progressive pioneer of fully automated manufacture, information technology and innovation.

Our Nottingham based production facility employs some of the most up to date computer numerically controlled machinery within our 150,000 sq foot plant on a 42 acre site.

Why choose steel for Commercial Projects?

Steelwork with its quartet of major benefits – speed, flexibility, excellent strength to weight properties, and competitiveness – coupled with Caunton's design skills - means steel is the ideal material for commercial industry structures.

Cobalt Business Park - Newcastle on Tyne

Eight consecutive office buildings built for thriving Business Park

Main Contractor: Bowmer & Kirkland
Engineer: Cundall
Architect: Ryder HKS
Tonnage: 2,455 tonnes



Caunton have been involved in the development of what is expected to be one of the largest office parks in the country. The plan for the Cobalt Business Park is that on completion over 7000 people will be employed there.

Caunton have provided the steelwork for eight office buildings there (9, 9B, 13B, 13C, 14, 16, 23 and Plot D Cobalt South) thus far, each in the region of 5,000 square meters floor area. The steel frame is fabricated to Corus' Slimflor specification utilising asymmetric section beams (ASB). These are configured such that there is an attendant reduction in the thickness of the floor depth, and hence a lowering of the overall height of the building. This leads to economies, in the cost of cladding for example.

Call Centre for First Direct

One of the largest curved roof portal frames in Scotland

Caunton were responsible for the design, supply, delivery & erection of steelwork including mezzanine steelwork and metal deck floors of one of the largest curved roof portal frames built in Scotland at the time comprising of over 1000 tonnes of steelwork.

An extremely fastrack development where steelwork was on site 8 weeks from instruction and complete in 8 weeks with metal decking laid and fixed in 5 weeks.



Client: First Direct
Main Contractor: Shephard Construction
Engineer: AMP (North East) Ltd
Architect: Stephen Greenbury Partnership
Tonnage: 1010 tonnes

Headquarters Building for Unilever - Leatherhead

New HQ for nation's largest consumer business

The company worked for major contractor Bowmer & Kirkland on a development which the two companies originally designated Project Pluto. This is now a state-of-the-art Headquarters for Unilever situated in the Leatherhead Office Park, Surrey.

Unilever merged their three existing UK businesses – Foods, Home and Personal Care, and Ice Cream – to create the nation's biggest consumer business. This Leatherhead development is now the home of the £2.5 billion business for Unilever's leading brands, which include Persil, Flora, Magnum, PG Tips, Lynx, Wall's, Domestos and Hellmans.

Project Pluto was a challenging multi-storey contract for Caunton who supplied over 1,200 tonnes of steelwork for the new Headquarters. The company were also contracted to supply the metal floor decking.

Main Contractor: Bowmer & Kirkland
Engineer: Mott Macdonald & Webb Yates
Architect: De-novo Architecture Ltd
Tonnage: 1,200 tonnes

Architect De-Nova embellished the structure by introducing exposed circular columns, and two appealing podium areas. Another feature is that the client required an under-croft car park located below the main framework.



This ambitious new development took approximately two years to construct and fit out and was awarded a notable Structural Steel Design Award Certificate of Merit in June 2009 where judges commented

that the project showed that design & build can produce dramatic results.

Eurocentral Business Park - Glasgow

Ten individual office buildings providing one million square feet of office accommodation

Caunton worked on major contractor Bowmer & Kirkland's largest ever scheme, the Eurocentral Business Park in Glasgow. The scale of the scheme was huge, with B&K's ten individual office buildings providing 85,000 sq.m (approx one million sq.ft) of accommodation in a landscaped setting.

Work started with the demolition of the former Chunghwa Picture Tubes factory on the site in Lanarkshire which made way for the overall £330 million office and warehousing/manufacturing unit development. The 663,000 sq. ft Chunghwa facility was officially opened by The Queen in October, 1997.

It closed in 2002 and was bought a year later by Tritax Assets Ltd, as part of the company's ongoing development plans for Eurocentral. It was then replaced with 10 new office buildings, four new warehousing/manufacturing units and a range of ancillary developments including restaurant, crèche and gym facilities.

The steel frame designed by Caunton was fashioned and fabricated to achieve a



minimum thickness of floor depth plus a consistent 600mm floor u/s-to-ceiling dimension. This ensures the appropriate service zone demanded by the client and his M. and E. Contractor. This then of course leads to a minimising of the overall height of the building with all the attendant economies, not least in the cost of cladding.

Main Contractor: Bowmer & Kirkland
Engineer: Struer Consulting Engineers
Architect: Keppie Architecture
Tonnage: 3,600 tonnes



Thames Court - City of London

Award winning seven storey office building enjoys views over The Thames

Thames Court; An office development in the City of London with 22,000 m sq of lettable office space on 7 floors. This is a stunning building with magnificent views across the River Thames, overlooking the new Globe Theatre.

The steel frame is fire protected with intumescent paint, which was applied both at the works and on site.

For this project Caunton received the prestigious Steel Design Award and also won the BCO National Urban Workplace of the Year Award.



Client: Markborough Properties
Project Manager: MACE
Engineer: Waterman Partnership
Architect: Kohn Pederson Fox
Tonnage: 2,150 tonnes

Bonis Hall, Prestbury Cheshire

Structure for the Headquarters of the world's largest communications agency



Caunton Engineering supplied the steelwork to extend the offices of McCann-Erickson, the world's largest communications agency - whose skills include advertising, brand creation and public relations. McCann-Erickson are based in the most attractive of old mansion houses, Bonis Hall, near Macclesfield and are expanding successfully as an organisation such that an office extension was required.

Bonis Hall is a 16th century building and Grade II listed. An extension in such circumstances required particular sensitivity and architect Bowker Sadler designed this most imaginative elliptically shaped structure. Coupled with the stringent needs for accuracy such a shape demands.



Caunton were most conscious that building off a concrete core also introduces attendant tolerance problems. Fabrication was therefore of the highest order. Furthermore, Caunton had to accommodate varying roof slopes, curved channels and beams, and Slimflor ASB cambered first floor beams, so steelwork erection was far from simple.

Client: McCann-Erickson
Main Contractor: Bowmer & Kirkland
Engineer: Sinclair Knight Merz
Architect: Bowker Sadler
Tonnage: 160 tonnes

Rainton Bridge Business Park - Sunderland

A quarter of a million square feet of office space for ambitious North East Business Park

Caunton supplied over a thousand tonnes of structural steelwork for a new campus style development for Northern Rock plc. Caunton worked for major contractor Bowmer & Kirkland on this design and build project, for a four storey office building at the Rainton Bridge South Business Park near Sunderland. This development is planned to be in two phases, while Caunton are working only on the 250,000 sq. feet first phase at the moment. The second phase is reported to be of the order of 150,000 sq. feet.

Rainton Bridge South is a new business park being developed by the city of Sunderland Council to accommodate the next generation of office based businesses.



The office park will eventually attract investment totalling £100 million and generate more the 4,000 high quality jobs. A total of 80,000 sq.m. of office accommodation is planned. Goodman (formerly Akeler Developments Ltd.) has been appointed as preferred developer of the site.

Client: Northern Rock Plc.
Main Contractor: Bowmer & Kirkland
Engineer: Mott MacDonald
Architect: Aukett Limited
Tonnage: 1140 tonnes



Snow Hill 2 Building, Birmingham

A major new 17-storey office block in the centre of Birmingham

The development, comprising 43,000 square metres of office space, is known as Snowhill 2 and is the sister building – and a taller sister too at 17 storeys – to the 15 storey office block Snowhill One completed a few years ago.

Caunton are supplying over 2000te of structural steelwork together with metal decking and shear studs. The building has three concrete service cores already constructed which provide overall stability. Connection is via cast-in plates.

The building, which is in the heart of the Birmingham commercial district, is located conveniently alongside the historic Snowhill railway station, which is now the terminus for the successful and popular Chiltern Railways service from London Marylebone.



Client: Hines Plc.
Main Contractor: Balfour Beatty Construction
Engineer: Curtins Consulting Engineers
Architect: Weedon Partnership Architects
Tonnage: 2000 tonnes

Other commercial projects include:

- Unit C Routeco Business Park, Milton Keynes
- Nike (UK) Regional offices, Doxford
- Regent Point, Newcastle upon Tyne
- Basingstoke Data Centre
- Moda - Elliot Street, Glasgow
- Charles Street Leicester



Regent Point, Newcastle Upon Tyne