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ENGINEERING



Steelwork for

**Design &
Build**



T.J. Morris, Omega 8, High Bay
Warehouse, St Helens

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Caunton Engineering is one of the UK's leading steelwork contractors, fabricating in excess of 40,000 tonnes per annum with a turnover in the region of £100m. Supported with over 50 years' experience we specialise in the design, fabrication and erection of structural and secondary steelwork, operating across all sectors of the construction industry.

Caunton Engineering's reputation is for engineering excellence in the Design and Build sector and working with Consulting Engineers on major developments.

We pride ourselves on our ability to remain agile and, as a result, offer a personalised service to our clients. The company is a Gold Status holder within the Steel Construction Sustainability Charter and is committed to delivering Net Zero by 2050.

T.J. Morris, Omega 8, High Bay Warehouse - St Helens



Client: Omega St Helens Ltd

Main Contractor: Bowmer and Kirkland

Engineer: Fairhurst

Architect: AJA Architects

Tonnage: 5,700 tonnes

Caunton supplied both the main and secondary steelwork for what the press describes as a huge distribution warehouse for retailer T.J. Morris near Warrington. The £118 million project was undertaken by main contractor Bowmer and Kirkland. Caunton fabricated, supplied and erected 5,700te of steelwork for this project.

The main spans in the high bay area and are formed with a series of lattice trusses, while the low bay zone is a portal frame with spans of 49.5m-wide. The internal columns in the warehouse are arranged in a hit and miss configuration to avoid obstructing the facility's mechanical handling equipment. The building also incorporates a two-storey office block.

The Range's New Large Distribution Centre - Suffolk

Caunton's steelwork is for retailer, The Range, and their new distribution warehouse at Gateway 14, Stowmarket. For this contract, speed was of the essence, with Caunton having supplied and erected both main and secondary steelwork in just nine weeks for the 111,000m² warehouse. With sustainability at the heart of this project, a large percentage of the steel tonnage was produced from recycled steel.

Our site manager for the contract said: "completing the 1,982m² office first, gave us a stable core from which to start our work. We then erected the main building in a phased programme, with the central spans going up first, followed by the outer spans".



Client: Jaynic

Main Contractor: Winvic Construction

Engineer: Richard Jackson

Architect: Frank Shaw Associated

Tonnage: 3,730 tonnes

Konect 62, Phase 1, Knottingley, Wakefield



Client: Henderson Park and Cole Waterson

Main Contractor: McLaren Construction

Engineer: XO Square

Architect: C4 Projects

Tonnage: 1,300 tonnes

Caunton Engineering are pleased to have supplied structural steel for main contractor McLaren Construction at a major colliery reclamation site in Yorkshire. The steelwork is part of phase one of the development of 1.1 million sq.ft state of the art warehousing, Konect 62, by development firms Henderson Park and Cole Waterson. The site is near Knottingley, where Kellingley Colliery once stood. The colliery was the UK's last deep mine, shutting its doors in 2015 after 50 years of operation. It was at one time the largest deep mine in Europe. Caunton supplied 1,300te of structural steelwork within the development, for two triple span portal framed buildings, together with framing for an internal office and a twin span external office.

New Horizon Project, Power Park - Nottingham



Caunton Engineering have completed the erection of steel framework for five buildings on the old Imperial Tobacco factory site in Nottingham, working for main contractor Bowmer and Kirkland. Imperial Tobacco began operating on the site in the early 1970's but after moving to Europe in 2016, the company's 'Horizon' factory began to be demolished in 2019. The new scheme is called 'The New Horizon Project' and is also known as Power Park. The site is a 28 acre, Grade A specification industrial and logistics space.

The development team were tasked with recycling 98% of materials through the scheme - this included salvaging steelwork for the existing frame, to crushing the concrete and stone from the demolished building in order to retain it on site to be used as bases, yards and roads.

Across the new units, Caunton designed, manufactured and installed 1,500te of structural steelwork, along with the supply and installation of metal deck to the office areas.

Client: Henry Boot Developments and Oxenwood Read Estate
Main Contractor: Bowmer and Kirkland
Engineer: BWB Consulting
Architect: Corstorphine and Wright
Tonnage: 1,500 tonnes

Three new logistics centres at Omega Park

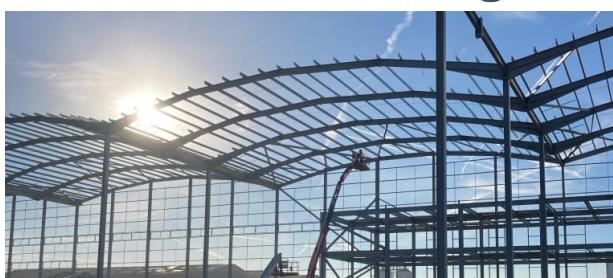
Caunton Engineering were pleased to supply the main and secondary steelwork for three new logistics centres at the Omega site near Warrington for major main contractor, McLaren Construction. Omega is a property development site in Warrington, comprising of 226 hectares, straddling the M62 motorway. The site comprises a large part of the former RAF Burtonwood airbase. This latest development comprises of 735,000sq.ft of speculative warehouse development at the Omega South site, which is the second phase of the development. Omega is currently the largest mixed-use development site in the North West. Omega South is made up of three logistics centre of 307,000sq.ft, 203,000sq.ft and 225,000sq.ft.

Each building will include rooftop solar panels which will meet around 50% of the facility regulated energy. Caunton supplied 2,000 tonnes of structural steelwork for these buildings. Each building comprises four spans of portal-framed steelwork and each includes a two storey steel framed office block. The structural steelwork is designed by the Caunton Technical Team.



Client: Miller Developments
Main Contractor: McLaren Construction
Engineer: WSP
Architect: Chetwoods
Tonnage: 2,000 tonnes

Link Logistics Park - Ellesmere Port



Caunton Engineering have completed the steelwork erection for main contractor Winvic Construction for a new 62,000m² distribution centre for developer Stoford, located in the former Hooton Park Airfield at Ellesmere Port in Merseyside. The building is said to be the biggest single cross-docked warehouse to be developed in the north west during 2022.

An article in the 9th February edition of New Steel Construction stated that this new distribution centre is targeting the highest level of sustainability certification, including BREEAM 'Outstanding' and an EPC 'A' rating.

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Temperature Controlled Distribution Centre - Huntingdon

Caunton Engineering supplied the main and secondary steelwork to main contractor, Bowmer and Kirkland for a new 310,000sq.ft temperature controlled distribution centre for integrated fresh food company AM Fresh at Alconbury near Huntingdon. Designed to achieve a BREEAM rating of very good, the warehouse has a structural multi-span portal frame. The development also includes three-storey offices and a two storey plant / workshop.

Caunton designed, fabricated and erected over 1,000 tonnes of structural steelwork for the project. The distribution centre is on the 1,425 acre Alconbury Weald site - a major new community and enterprise zone being built in phases which will eventually feature thousands of new homes, along with commercial and industrial developments, community facilities, schools, local and industrial shopping centres and sports and leisure spaces.



Client: AM Fresh

Main Contractor: Bowmer and Kirkland

Engineer: BSP Consulting

Architect: Arctica

Tonnage: 1,082 tonnes

Coventry, Logistics Park



Client: Bericote Properties

Main Contractor: Glencar Construction

Engineer: Burrows Graham

Architect: Corstorphine and Wright

Tonnage: 2,400 tonnes

Caunton Engineering was most pleased to have been awarded the contract for the main and secondary structural steelwork for the three new units by main contractor, Glencar Construction.

Glencar was awarded the contract by specialist logistics commercial property developers, Bericote Properties, to construct 780,000sq.ft of speculative industrial space across three new units at a site known as Coventry Logistics Park.

It features three units of 484,000sq.ft, 251,000sq.ft and 47,000sq.ft, which have been designed by leading architects Corstorphine and Wright. The structures require a total of over 2,000te of steelwork, designed by Caunton's Technical Team.

Other Commercial Projects Include:

- Warehouse and Office block, Gravelly Industrial Park, Birmingham
- Cold store steelwork at St Modwen Park in Burton
- Three Distribution Centres in Kingston Park South, Peterborough
- Leicester Tigers Hotel
- Three Distribution Units at ProLogis Park, Hams Hall, Coleshill



(Leicester Tigers Hotel)