



Three Distribution Centres - Kingston Park South, Peterborough

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Client

Firethron Trust

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Contractor

Glencar Construction

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Steelwork Design

Caunton Engineering

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Architect

UMC Architects

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Engineer

JPP Consultancy

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Steel Tonnage

1,700 tonnes

Caunton Engineering's experience with design and build is shown in this project at Kingston Park, Peterborough. The company designed, fabricated, supplied and erected three distribution centres on behalf of Glencar Construction. The advantages of design and build include the fact that a steelwork contractor with experience of such structures, can quickly and efficiently streamline a distribution centre's steel frame.

All three of the buildings are portal frames and have a similar design and concept, albeit they are all different sizes. The largest building on the site, known as Building 300, was the first to be erected. This portal frame consisted of four 31 metre wide spans and was 168 metres long.

Structural steelwork is the favoured framing solution for distribution centre construction, with a market share that exceeds 90%. Steel offers a number of benefits, such as speed of construction and the ability to efficiently create long internal spans, which are so important for warehousing facilities.

