



**Cold store steelwork at St Modwen Park in Burton**

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**Client**

St Modwen

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**Contractor**

Readie Construction

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**Architect**

UMC Architects

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**Engineer**

Nolan Associates

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**Steelwork Design**

Caunton Engineering

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**Steel Tonnage**

1235 tonnes

Caunton Engineering were most pleased to have been awarded the contract by main contractor Readie Construction for the structural main and secondary steelwork for a major warehouse structure in Burton. The building is located on the St Modwen Park in Burton, which is a 50-acre industrial & distribution site with outline planning consent for up to 1m sq. ft. This is a prominent site providing direct access to the A38 which links Birmingham to Derby and the North.

The building itself, requiring over 1200te of steelwork, is a four-span propped portal frame. The overall width is 130m and the length is 190m. The height to eaves is 15m with a 1.5° roof pitch. The structure also includes a gantry, an internal office and two canopies.

The building is programmed to be a cold store, therefore clad with thick composite panels. This meant that the deflection criteria was a critical factor for the Caunton Technical team who designed the steelwork.

The photograph shows the erection of the steelwork well under way.

**Caunton Engineering Ltd.**

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