



Basingstoke Data Centre

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Client

JP Morgan Chase Bank

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Contractor

Laing O'Rourke Limited

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Steelwork Design

Caunton Engineering

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Architect

Woods Bagot Limited

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Engineer

Waterman Partnership

.....
Steel Tonnage

1,280 tonnes

Caunton Engineering supplied and erected the steelwork for a major new Data Centre in Basingstoke, Hampshire. The client was JP Morgan.

The data centre encloses 7,000m² of technical area framed out largely by 16.8 metres long, 686 UB sections. These members were pre-coated with intumescent paint off-site, thereby accelerating the on-site progress. A light weight steel roof was supported over the floor along with a complex plant support structure. The plant support was designed by Caunton Engineering, who worked closely with fellow trade contractor Crown House (M&E) and Waterman Partnership's engineers. This ensured the scheme was fully co-ordinated, because of the complicated arrangement of pipe-work and plant that is to be supported above and below the galvanised framework.

Erection by Caunton's own directly employed team of erectors was achieved in a speedy five weeks, to meet with the fifty-one weeks overall construction programme.

JP Morgan have specified that this project was a benchmark for environmental considerations in data centre design.

Caunton Engineering Ltd.

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