



Lakeside Centre - Rushden Lakes

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Client

Crown Estate

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Contractor

Winvic Construction

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Steelwork Design

Caunton Engineering

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Architect

HPW Architecture

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Engineer

BE Design

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Steel Tonnage

2,000 tonnes

Caunton Engineering was contracted for a design and build package for the terrace, boardwalk and restaurant steelwork at Rushden Lakes. The scheme was centred around a series of man-made and natural lakes in the Nene Valley. Caunton supplied 2,000 tonnes of main and secondary steelwork, which included handrailing and open mesh flooring.

The retail outlets were all accommodated within three large steel-framed structures known as Terrace A, B and C. The latter two buildings housed the project's three anchor tenants, House of Fraser (HoF) in C and Marks & Spencer and Primark in B.

Terrace C was the longest of the retail buildings at 196 metres. This block was a portal-framed building with steel columns.

The independent structure was erected after the main steelwork and cladding was completed. Stubs attached to columns and protruding through the cladding except the canopy structures, which were supported by a series of columns.

The columns were predominantly 9 metres high Circular Hollow Sections (CHS), where the buildings were two-storey high and decreased to 7 metres high sections for the single storey elements.

Caunton Engineering Ltd.

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