



The Bulwell Academy - Nottingham

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Client

Nottingham City Council
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Contractor

Carillion
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Steelwork Design

Caunton Engineering
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Architect

Atkins
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Engineer

Atkins
.....

Steel Tonnage

835 tonnes

The Bulwell Academy, entirely framed in steel was divided into eight distinct blocks. Block 8 comprised of the 13 metres by 23 metres main hall, block 6 was the 35 metres by 18 metre sports hall, block 7 a library and PE facilities, block 5 the dining area and the remaining blocks comprised of classrooms on two levels connected at first floor level by outside walkways.

These eight blocks combined to form an E shape and the open areas generated were mainly roofed over with ETFE, with a supporting steel framework.

The building's columns and roofs are framed with steel pitched or plain portal frames with first storey floors, where described, steel framed with metal deck. The roofs of the classroom blocks were substantially green sedum, adding a valuable sustainability benefit to the design. The design of the steelwork was by Atkins, with connections designed by Caunton.

