



**Stoke Mandeville Hospital redevelopment**

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**Client**

Stoke Mandeville Hospital Trust

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**Contractor**

Alfred McAlpine Capital Projects

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**Architect**

HLM Design International

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**Engineer**

White Young Green Partnership

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**Steel Tonnage**

800 tonnes

Caunton Engineering supplied Alfred McAlpine Capital Projects with steelwork to extend the facilities of the world famous hospital, the Stoke Mandeville Hospital, near Aylesbury. Working within an operational hospital environment was difficult enough, but the extensions in places overhung the existing building. The attention to safety for all and the attendant erection expertise required was therefore of the highest order in such circumstances.

The photograph shows the erection underway of the steelwork for some of the main wards, which included requirements for medical, surgical assessment and paediatric services, day units and operating theatres. The architectural design was by HLM Design International of Guildford, with engineering by White Young Green.

Caunton's contract included the supply of 800 tonnes of structural steelwork, mainly beam and columns, plus the metal decking and through deck stud welding and metal staircases.

The hospital extension provided 220 patient beds and an additional 16,000m<sup>2</sup> of hospital accommodation.

**Caunton Engineering Ltd.**

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