



**Ilmor Engineering Restaurant - Brixworth**

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**Client**

Ilmor Engineering

.....  
**Contractor**

Anglo Holt Construction

.....  
**Engineer**

Joynes Pike & Associates

.....  
**Steel Tonnage**

100 tonnes

The client for this particular structure – Ilmor Engineering – manufactured the engines for TAG / McLaren Formula One Racing Cars. The approach to the fabrication of their prestige staff restaurant block required attention to the smallest detail, in connection design, fabrication and erection. As seen from the photograph, most of the steelwork is exposed.

The outstanding steelwork features of the pyramidal structure are the part-exposed tapered CHS trusses, enjoined with polished stainless steel pin end connections at ground level and the exposed CHS purlins in the glazed entrance foyer area.

Great care was taken with both the detailing and fabrication of the exposed connections to achieve the attractive structural solution. The weld details for the main pyramid lattice girders and the final paint detail was designed by Caunton.

Steel's major traditional benefits of speeds and flexibility in the construction are clearly supplemented here by the attributed of quality and beauty, much evident in this structure.

**Caunton Engineering Ltd.**

Caunton House, 2 Coombe Road, Moorgreen Industrial Park, Newthorpe, Nottingham NG16 3SU

▲ T. 01773 531111 ▲ E. sales@caunton.co.uk ▲ W. www.caunton.co.uk

