



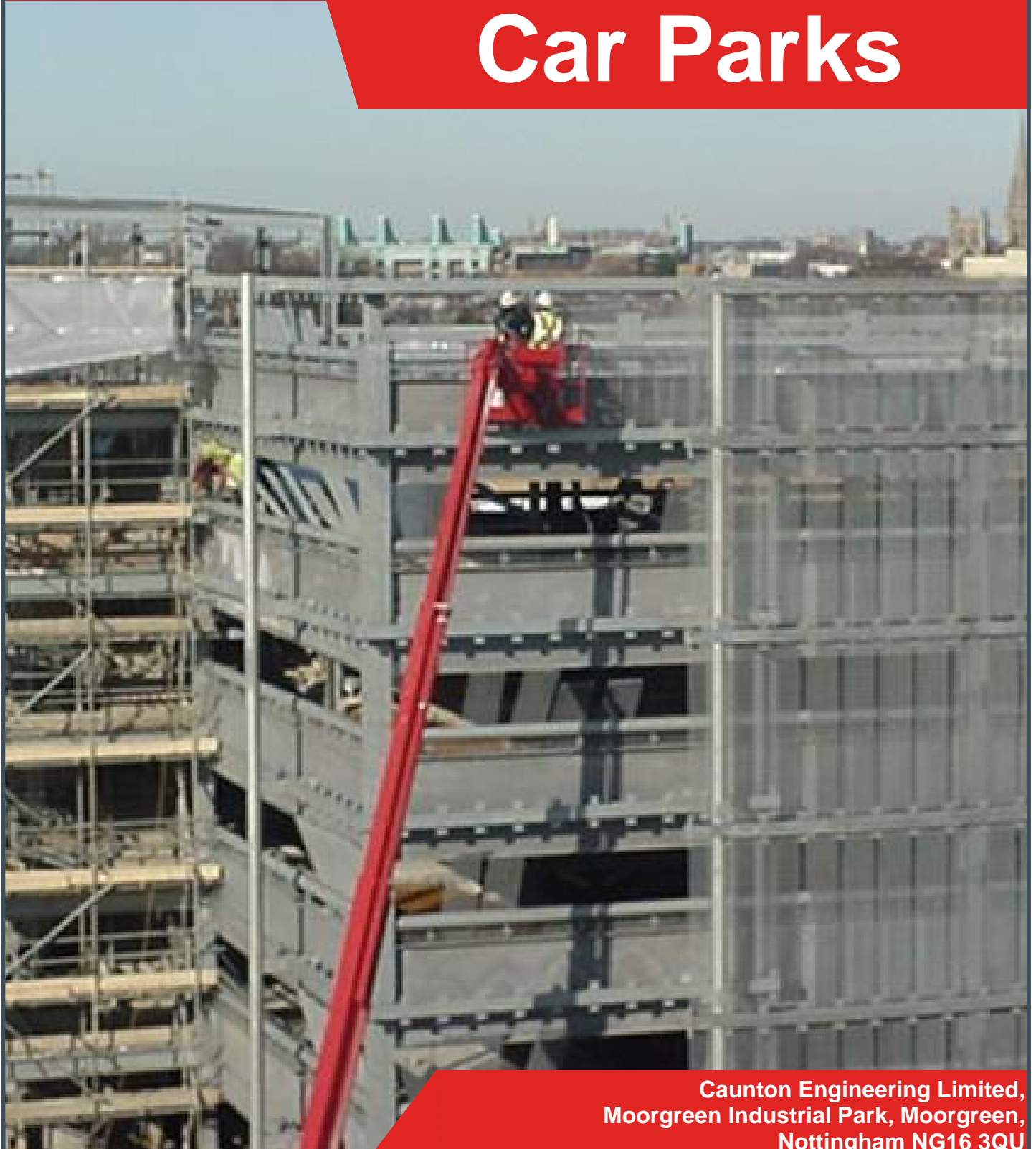
# caunton

ENGINEERING

[www.caunton.co.uk](http://www.caunton.co.uk)

Steelwork for

# Car Parks



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# Sunwin House Car Park - Bradford

## Seven storey Car Park utilising steelwork's qualities in speed of construction

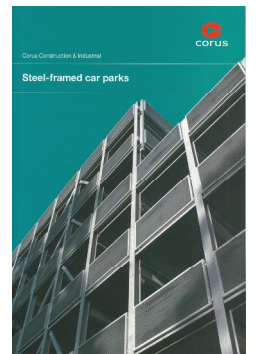


Caunton are major experts in the car park market and in this instance were responsible for the erection of both the concrete and steelwork elements and of course supplied and fabricated the 410te of steelwork used for the framing. Main contractor Clugston incorporated special safety measures which qualify the car park for a Secure by Design award which means it meets special standards agreed with the police to help protect the public.

Speed of construction and flexibility within tight city centre sites, by utilising steelwork's particular qualities as the framing material, means a growing demand for steel in this vital area of helping reduce congestion in our city centres. It is expected that Bradford will benefit significantly in this particular case.

Caunton Engineering erected a major new car park structure in Bradford City Centre. The car park itself comprised seven storeys of steel-framing supporting pre-finished pre-cast concrete floor units - the ideal way for a fast track structure to be constructed. Furthermore the design illustrated in the photograph so clearly allows speedy and easy dismantling at the end of its life and thus the scope for sustainability and recycling is maximised.

**Main Contractor:** Clugston Construction  
**Engineer:** Birkett Stevens Colman Partnership  
**Architect:** Bowman Riley Partnership  
**Tonnage:** 410 tonnes



Sunwin House Car Park can also be found in the Corus Construction steel-framed car parks booklet.

For more information or copies of this booklet please contact the Caunton Sales & Marketing department e-mails can be sent to [sales@caunton.co.uk](mailto:sales@caunton.co.uk)

# The Old Cattle Market Car Park - Cambridge

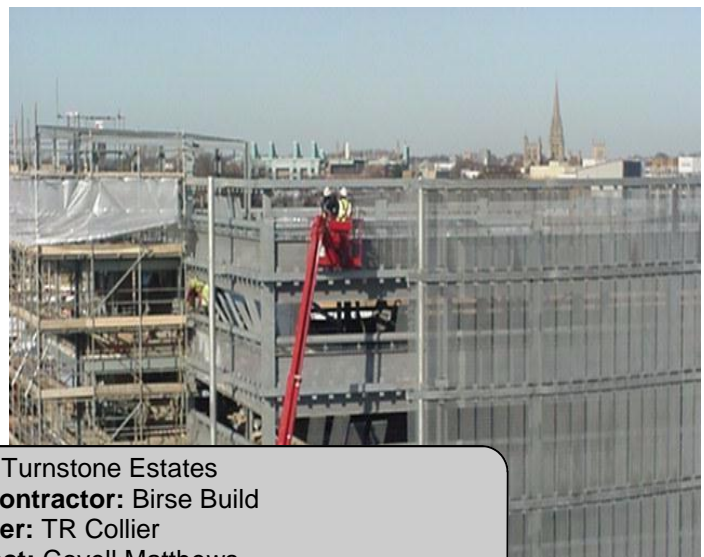
## Twelve Storey Car Park regenerating the Old Cattle Market site

Caunton completed the structural steelwork for a major new Leisure Development in Cambridge. This complex required nearly 2,500 tonnes of steelwork - framing both a Leisure Building and a 562-space multi-storey Car Park. The Leisure Building itself houses a cinema, a bowling alley, fitness-rooms and restaurants.

This is in fact the second phase of the development. Caunton had previously been working for main contractor Birse Build on what was to be entitled The Auction Rooms development. Birse returned to Caunton for this second phase, which is the regeneration of the Old Cattle Market Site.

The three- and four-storey Leisure Building structure was erected to a speedy 8-week programme, and benefited from Caunton's highly regarded skills in design and build.

The 12 storey Car Park, which was designed by Caunton, complements the company's substantial reputation in the Car Parking sector.



**Client:** Turnstone Estates  
**Main Contractor:** Birse Build  
**Engineer:** TR Collier  
**Architect:** Covell Matthews  
**Tonnage:** 2500 tonnes

# Multi-Storey Car Park - Loughborough University

**Three storey multi storey Car Park galvanised to maintain hard wearing, long service and maintenance-lite qualities**

Caunton are supplying the structural steelwork for a new three storey multi storey car park at Loughborough University. This is part of the University's East Park Campus development plan.

An assessment by the University had found that a number of buildings on this part of the campus are nearing the end of their useful life and are not fit to meet current academic requirements let alone to allow for limited growth. One feature of this redevelopment is a new multi storey car park designed to free up land and reduce areas devoted to surface lined car parks.

Caunton are supplying main contractor Interserve with over 500te of steelwork for this new building. The steelwork is galvanised to maintain hard wearing, long service, and maintenance-lite qualities. The frame



comprises universal column sections for both columns and beam with moment connections between the two, and splices at the beams' point of contra-flexure. This reduces floor depth to a minimum thereby limiting the height of the building.

Both the floors and staircases are in precast concrete and were fitted by Caunton's erectors. The floors are in fact composite, steel and concrete, with the shear studs welded off site at Caunton's workshops.

**Client:** Loughborough University  
**Main Contractor:** Interserve Project Services  
**Engineer:** Nolan Associates  
**Architect:** RPS Group  
**Tonnage:** 500 tonnes



For more information on any of the projects featured please contact the Marketing Department on 01773 531 111

## Further Car Parks by Caunton ...

- Undercroft Car Park at Unilever HQ Leatherhead
- ASDA Store and Car park, Rawtenstall
- Basement Car park at City Walk, Sweet Street, Leeds
- Combined Car Park & Retail Complex - Mansfield
- Single Storey Car Park - Maidenhead

