



Warth Park, Raunds

**Client**  
Roxhill Developments

**Contractor**  
Winvic Construction

**Steelwork Design**  
Caunton Engineering

**Structural Engineer**  
RPS

**Architect**  
UMC

**Steel**  
3,250 tonnes

Warth Park, a 64ha logistics and business park, adjacent to the A45 near Raunds, where Caunton Engineering's latest work is providing steelwork for two new steel framed distribution centres for Howdens Joinery (known as Units 2 and 3), which will add to the company's existing on-site warehouse (Unit 1).

Unit 2 is the larger of the two distribution centres, with a total area of 61,900m<sup>2</sup>, and its steel erection programme was just nine weeks. Measuring 314m long by 190m wide, with a maximum height to eaves of 16.3m, Unit 2 has five 38m wide internal spans and required a total of 2,200t of steelwork. It features a total of 56 cross docks and 19 level access doors, while internally, it is sub-divided into three separate zones by two partition fire walls. Within the footprint of the five span steel frame, the unit accommodates a three level office block positioned along one of its gable ends. Additional office space is also provided by an attached 370m<sup>2</sup> single-storey pod located alongside the northern elevation. Providing 3,700m<sup>2</sup> of space, the three-level offices are based around a 7.5m by 7.5m column grid pattern. It measures 60m long and 22m deep and its beams support metal decking to form the two upper floors. The smaller Unit 3 has a total area of 28,100m<sup>2</sup> and measures 208m long by 131m wide, with a maximum height to eaves of 16.3m. This four-span structure required 1,050t of steel and also includes a 1,600m<sup>2</sup> two level office block.