



Customer Draper Ventilation Ltd

Location Dorset

Value £1.1m

Contract JCT Intermediate Building with Contractor Design

Project Duration 26 weeks

Completion April 2021

Project Highlights

Acting as Principal Contractor, Knights Civil Engineering division delivered a new storage warehouse and associated infrastructure.

From the outset the focus was to minimise the environmental impact by designing the earthworks to reduce material off site. This was complimented by creation of drainage swales and hibernacula in the vicinity of the works.

The scheme utilised our Concrete Flooring division who carried out the works laying the internal floor with our in-house laser trimming and screeding equipment.

On completion of the sub structure, Knights continued with the superstructure, drainage, ground source heating, roads and external civil works.





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CASE STUDY

Industrial Warehouse Unit



The Solution

Once the team had mobilised to site on the South Coast, the first job for the Knights Construction Civil Engineering department was clearance of the existing hard standing areas and a significant earthworks package to level the working area. Imported recycled materials were used to minimise the environmental impact.

Foundations and footings followed on the prepared ground, before the installation of the steel superstructure. This allowed the cladding to be installed and the building made water tight.

With the super structure complete, the Knights Construction concrete flooring division visited site to install the concrete floor. Using the latest laser guided trimming and screeding equipment the entire floor was prepared, installed and finished in just three days.

The projects environmental credentials were boosted with the installation of Ground Source Heating, which enabled the under floor heating system to be incorporated within the concrete floor slab.

Finally the external works were completed improving the access to the warehouse via the three roller shutter doors and creating a new car parking area for staff and visitors.

The project was completed within budget and on programme.



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