

www.knightsconstructiongroup.co.uk

CASE STUDY

Utility Building



Customer Sherwin Williams Location Deeside Value £1.6m Contract NEC Option B Project Duration 24 months Completion March 2022

Project Highlights

Acting as Principal Contractor, Knights Construction's Civil Engineering division delivered a new utilities building for a repeat client. This building, comprising of a Azure Blue cladded system on a steel frame with precast concrete floor units, also had a comprehensive suite of offices, kitchen and breakout rooms, male and female shower rooms and toilets, a boardroom and even a library!

Due to the nature of the use of the industrial areas of the building significant in-situ fire and blast walls were also installed. Whilst the mechanical and electrical works were undertaken direct for the client, Knights were Principal Contract and oversaw this work whilst maintaining programme and completing the full fitout package. The project was inclusive of all groundworks, hardstanding's, bunds, reinforced bases, pipe racks and drainage.



info@knightsconstruction.co.uk



Hafod y Bwch, Wrexham Middle Sontley, LL13 0YP





www.knightsconstructiongroup.co.uk

Utility Building



The Solution

Construction commenced in March 2020 with the 16m deep precast concrete piles foundations, shortly after commencement the Covid19 pandemic gripped the country.

The building was critical for the client's needs and as this site was a key facility for the food and beverage industry, construction was permitted to continue.



To assist with the clients forecasting during unprecedented times, Knights Value Engineered the scheme and split construction into five further separate phases: Ground floor slab, external works, steel frame (incl. pipe racks), building envelop, and fit out. Whilst this prolonged the construction phase it assisted our clients financing needs and the time available to assess Value Engineering options enabled significant savings to be achieved.



The on-site team co-ordinated multiple trades including the full mechanical and electrical package. Completion during the Covid19 pandemic provided an additional layer of complexity to the programme especially with the procurement of numerous specialist subcontractors, but the site team managed to complete the project within the revised timescale and budget.



