

Warrington Youth Zone and Gemini 8 Part L Compliance



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Client: Caddick Construction Ltd
Sector: Leisure and Commercial
Project completion: Multiple schemes ongoing
RIBA stages: Stages 2-6

Development Description:

- **Warrington Youth Zone** – The construction of a part two storey part three storey building providing internal teaching areas and associated arts and sports facilities, including an outdoor all-weather football pitch.
- **Gemini 8** – The construction of 18 individually sized industrial, distribution and warehousing units containing offices located in Warrington.

Added Value:

- Both developments aimed to implement construction techniques that utilised the most cost-effective building materials and services available. This was determined through Level 5 DSM software modelling.
- A number of iterations were completed in order to ensure the most efficient materials and services were identified and implemented within the building design.

Our Services:

Preparation of cost-effective design solutions agreed upon with the client in order to maximise material efficiencies and regulatory compliance

- **Design Stage DSM** calculations for each building type completed using ADL2A regulations
- **U value calculations** to ensure the buildings achieve regulatory compliance
- **Air permeability testing** for all building areas
- **Design stage BRUKL** reports demonstrating compliance
- **As built BRUKL** report and final **EPC**

