

CASE STUDY

West Buckland School

TOTUS



Sector: Education

Client: West Buckland School

Scope of Works: Mechanical and Electrical Services

Contract Value: £900k



New Mechanical & Electrical services to the Sixth Form Boarding House and Study Centre.

The Sixth Form Boarding House is a new student accommodation building comprising of 70 bedrooms including 2 DDA bedrooms with kitchens, social spaces and lounges with a main entrance area.

A new 190Kw biomass boiler plant has been installed within the energy centre to serve the boarding house, which is backed up by LPG boilers.

The Study Centre includes classrooms, open plan study areas, offices and toilets.



Study Centre achieved a **BREEAM rating of very good** and the Boarding House achieved a **BREEAM rating of good**.

Services Provided:

- Underfloor Heating
- BMS Controls
- Hot and Cold Water Services
- Domestic Services and Sanitaryware
- LTHW Heating
- Biomass Boilers
- LPG Gas Boiler
- Ventilation
- Electrical Mains Distribution
- Lighting and Power Services
- IT Infrastructure
- Life Safety, Security and Fire Systems
- Lightning Protection