# Student Accommodation, Meadow Bridge, Crewe

## 2011 - 2014

### £5M+ Development

This development is a proposed new build student accommodation block containing over 200 units.

S I Sealy provided concept design and sustainability advice at pre-planning stage to assist the developer in obtaining planning permission.

To achieve 10% onsite renewable, our renewable energy study recommended solar thermal hot water and photovoltaics. Communal heating and domestic hot water is provided from central highly efficient modular condensing boilers.

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## Low Carbon Consultants

- CIBSE Accredited Low Carbon Consultants
- Part L Compliance, SBEM, EPC, DEC, SAP Certification
- Cat 5 Modelling

## BREEAM Consultants

- BREEAM 2009 All Categories

## Mechanical Engineering

- Boiler and Power Plants
- Renewable Energy Technologies
- Air Conditioning, refrigeration and cold stores
- Heating and Ventilation
- Hot and Cold Water installations
- Process systems for gases and liquids
- Lifts and Escalators
- Laundry and Kitchen installations
- Medical Gases

## Electrical Engineering

- Power generation and distribution
- Interior Lighting Design
- Exterior lighting and floodlighting
- Emergency Lighting
- General power and process systems
- TV, CCTV, Fire alarms, security, public address
- Lightning protection
- Information Technology and Data Systems

## Project Management

- Formal Contract Administration
- Feasibility to commissioning
- Full cost control and monitoring

## Engineering Asset Management

- Property Appraisals and Condition Surveys
- Property Management and Strategic Planning
- Testing Programmes

S.I.SEALY

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