

Description

- ◆ Wallscourt Park provides living accommodation for 570 students, distributed over five accommodation blocks. The blocks have a range of floor arrangements and heights
- ◆ The buildings include bedrooms, en-suite and shared bathroom facilities, communal living areas, laundry facilities, amenity areas, accessible living quarters and a Student Union common room
- ◆ Utility infrastructure provides new LV switchroom and distribution, extension of the site water main to all the blocks, and gas provision to the main energy centre and laundry
- ◆ BMS controls are integrated into the existing site-wide system
Extensive electric, gas, water and heat metering is linked to the UWE data collection network
- ◆ Heating by centralised plant, incorporating gas fired boilers with future CHP provision, interfaces to a district heating network
- ◆ All blocks include fire and security systems, and structured cabling installations
- ◆ All occupied areas in buildings are naturally ventilated

Involvement

- ◆ SDS appointed by Interserve to design and specify the internal and external mechanical and electrical building services systems
- ◆ Close liaison with the project management, architects and structural engineers designing to a cost plan, including value engineering to co-ordinate the development, and to determine, analyse and manage risk



Benefits Delivered

- ◆ Integration and co-ordination of the services across the whole site
- ◆ Load calculation to enable sizing of CHP requirements
- ◆ Services designed to meet the UWE Design Guides and building regulations
- ◆ Design in Revit coordinated to remove the risk of clashes
- ◆ Liaison with University representatives to establish lessons learnt from previous works and understand requirements of this scheme



£18m high quality town houses & flats providing student accommodation within walking distance of the UWE library, lecture theatres and Student Union