



de Havilland Campus: University of Hertfordshire

THE TASK

The creation of the new University of Hertfordshire campus was a major part of the University's ongoing development strategy. The client vision was of an integrated, efficient and distinctive campus providing for the needs of students whilst encouraging and stimulating access by the surrounding community in order to promote outreach and increase participation that provided:

- Faculty Building and Learning Resource Centre containing first class teaching facilities and state of the art technology
- A 500 seat auditorium which can be adjusted to accommodate different sizes of stage areas
- Residential accommodation comprising 1600 student rooms and associated facilities, arranged in 144 self-contained flats
- Sports facilities including a 25-metre eight lane swimming pool, main sports hall with 12 badminton courts, ancillary sports hall for four-lane cricket, two squash courts, fitness centre and a sports bar with seating for 100, and incorporating facilities to National standards.
- Adjacent to the sports hall is a refectory with seating for up to 450
- Externally there are 3 grass football pitches, a grass rugby pitch, 2 floodlit all-weather football pitches and 1 floodlit all-weather hockey pitch
- Campus facilities which were totally DDA accessible.
- Re-use of client's existing assets to create an overall master-plan for a pedestrian dominated campus.
- Scheme was on budget
- BREEAM Assessment highlighted potential areas in savings for life cycle costings

PROJECT PROFILE



CLIENT

University of Hertfordshire

PROJECT VALUE

£120m

SERVICES

- Architectural and engineering design
- CDM Co-ordinator
- Security consultancy
- BREEAM assessments.

TYPE

Leisure - Education

START DATE

2001

COMPLETION DATE

2003

de Havilland Campus, University of Hertfordshire

- The design exceeds the Universities' sustainability objectives and provided a very energy efficient solution encouraging individual responsibility and environmental awareness
- Safety & CDM – Innovation in Safety
- Fast track programme – completed within a very tight time frame from starting from a few words on an A4 page to completion

THE SERVICE

TPS provided an integrated architectural and engineering design solution, with additional specialist skills including, planning supervision, security consultancy and BREEAM assessments. TPS was also responsible for optimizing efficiencies in every process and procedure, from reduced vehicle movements to offsite manufacture and recycling.

Throughout the project we aimed to reach a BREEAM assessment of excellence, and this influenced the choice of materials, methodology and design, which has ultimately provided an energy efficient solution, encouraging individual responsibility and environmental awareness Sustainability was a key element in the design of the new residences. This manifested itself through:

- Enhanced insulation, relative to current building regulations
- The use of low energy white goods
- Ensuring all timber was FSC approved
- Reducing water consumption

THE RESULT

The most technically challenging aspect of the project was the pool construction. Internal brainstorming provided a solution to the method of backfilling the steel pool, resulting in significant time savings. The first PFI project in the University sector to be financed by a project bond

The De Havilland Campus is the largest development project in higher education and the most significant new campus build in 50 years. Everything about it is innovative from the way it has been funded through to the design. TPS are proud to have successfully delivered the top class campus and sports facilities which will be the envy of many other Universities.

The University's historic campuses at Hertford and Watford will close and students from the Business School and the faculty of Humanities and Education will move to the new campus and be the first to benefit from this forward-thinking, confident and exciting new development. For the first time in its history, with two major campuses within walking distance, the University will operate practically as a single campus community.



FURTHER DETAILS

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