



Case Study: BREEAM 2014 “Outstanding”

Client:	Royal Holloway University
Location:	Royal Holloway University Student Accommodation
Contractor:	Willmott Dixon
Architect:	Stride Treglown
Sector:	Education



Background:

Since its grand opening in 1886 by Queen Victoria, Royal Holloway College has grown to be one of the top researched universities in the country. The 135 acre campus is also considered as one of the most beautiful in the world. A masterplan for the next 20 years sets out the next stage development balancing academic and residential space. With a projected student population of 12,000 by 2031, the development includes a new library, student residences, sports facilities and academic buildings.

Brief:

The university wishes to offer all first year and international students a study /bedroom on campus by providing 2,650 new bed spaces. As part of Phase 1 of their masterplan for new student accommodation, Stroma has been appointed to carry out the BREEAM Assessment.

It is planned to develop a range of accommodation options including single study en-suite bedrooms, student town houses and studio flats. Increasing the residential estate will enable the university to accommodate more international and undergraduate students, which in turn should enhance its competitive position in both the home and overseas student recruitment markets.

Services Provided:

Stroma provided BREEAM AP, SAP, DSM & Planning Application Consultancy.

- ✓ Although the original brief was to achieve BREEAM Excellent, Stroma provided a review of the design with the client and project team to determine all viable credits and how to increase the performance to achieve the aspirational rating of “Outstanding”.
- ✓ Working with the Approved Inspector and BRE, established the most effective route to Part L Compliance whilst maximising the available BREEAM credits.
- ✓ Collaboration with the Architect and M&E consultants to carry out thermal modelling updates and provide compliance advice through the detail design and value engineering processes.