



*£13.5m, 360 bedroom student accommodation
and associated facilities*



Description

- ◆ Birks Grange formerly Birks Hall was phase 1 of a proposal to provide upgraded residences for the University of Exeter. The scheme provided catered residence with 360 high standard en-suite rooms including fully accessible rooms within each cluster.
- ◆ The development was arranged in clusters of up to nine residences, with a number of strategically located utility rooms, a laundry, new porter's lodge, a canteen and a renovated hall bar named 'The Boot', and a shop.

Involvement

- ◆ We undertook the full and detailed design of all the mechanical and electrical services to meet the client brief which included provision of services to a full commercial laundry, bar and kitchen.
- ◆ The site infrastructure works required site capacity reviews, and diversion of existing utilities in order to accommodate the proposed development.

Benefits Delivered

- ◆ Provided strategic advice on building fabric u-values, airtightness and ventilation strategy for compliance with the University Energy Strategy. Worked as part of a collaborative design team with early review of plant and services distribution routes to overcome co-ordination challenges
- ◆ Undertook a capacity assessment of existing electrical distribution and secondary supplies and develop a resilient electrical distribution infrastructure.
- ◆ Infrastructure remodelling and design including interfacing to existing systems.
- ◆ Luminaire and lighting controls developed to reduce maintenance input, carbon footprint and energy consumption with reduction in maintenance burden and reduced maintenance and running cost.