Expansion and modernisation for the next century

Project in brief

The existing school complex contains buildings of great character and age, approached by a tree-lined mile long driveway. Within the college grounds, sections of the boundary wall of the historic 'Pale' can be found.

As part of a development plan, the College required a new Study/Bedroom Wing for sixth year ('Rhetoric') Students, and a new Kitchen and 500 seat Dining Hall. These facilities are to be used all year round, as they serve residential Summer Schools outside the normal school year.

The Architects developed a modern design, which is respectful of its older neighbours in the complex, and already looks perfectly in keeping with them. It connects to the existing buildings on two sides so care was taken at the interfaces to minimise interference with the old structure.

Key features

The three storey bedroom wings are finished in split block and have screeded precast concrete floors supported on an insitu concrete beam and slab transfer system at first floor. Precast reconstituted stone picture frames surround windows on the façade.

The Kitchen and Dining Hall are steel framed, with pyramidal timber roofs over the dining area.

LeeMcCullough
Consulting Engineers

Project 2962: Education - New Build

Clongowes Wood College

Client: Clongowes Wood College SJ
Architects: Campbell Conroy Hickey
Value: €4.8m (2000)

LeeMcCullough:
Frank Lee

Project scope:
New Residential Wing -

- *Entrance Hall*
- *Offices*
- *Kitchen*
- *Plant Room*
- *Dining Hall*

Historical Renovation

At LeeMcCullough we have exceptional experience of revitalising existing buildings, which is often more complex than the structural engineering of new buildings.

Over many projects we have addressed and resolved a wide range of issues, including:

- Strengthening historical joists and beams to carry increased loading
- Masonry Decay/Delamination
- Threading modern services into old structures

At LeeMcCullough we always seek to identify and resolve issues early, innovatively address demanding building difficulties and deliver our solutions on time and cost efficiently.

When it comes to renovation and refurbishment, anticipating and resolving engineering issues effectively is the key to a successful outcome.