



## St. Columba's College

### Project in brief

St. Columba's College relocated to its current site in south county Dublin in 1847. Many of its buildings date from this period.\* Over the years we have been involved in the renovation of the Argyle Building (2005), the Cadogan Building and most recently the Warden's House (2007).

\*(The Buildings on the campus display a variety of architecture from the Georgian and Victorian periods as well as from twentieth and twenty first centuries.)

### Argyle Building



The complete refurbishment of this building involved the strengthening of the existing first floor, conversion of ground floor dormitory into a dining room, the reconfiguring of the kitchen facilities and the installation of three new escape stairs.



### Cadogan Building

The complete renovation of this two storey building, converted it into a new Music and Performing Arts School. Structurally this involved the strengthening of the existing First Floor, new fire escape stairs and new external door opening and associated steps and ramps.

### Warden House

The roof of this building was stripped and re-slatted. The main Structural element of this project involved the replacement/strengthening of the decayed ends of the existing roof trusses.



**LeeMcCullough**  
Consulting Engineers

*Project 3571/3808/3900 Educational Renovation*

**St. Columba's College**

**Client:** St. Columba's College

**Architects:** CCH

**LeeMcCullough team:**

Frank Lee

Norman Irvine

**Project scope:**

- *Renovation of Argyle Building*
- *Renovation of Cadogan Building*
- *Renovate roof of Hollypark House*

### 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.