



LeeMcCullough
Consulting Engineers

Project 3496: Office - New Build

Bridge House, Dublin

Client: Private Client

Architects: Duffy Mitchell O'Donoghue

Value: €2.0m (2004)

LeeMcCullough team:

Gerry McCabe

Project scope:

- *Restoration*
- *Protected Structure*
- *Redesign for new office use*
- *Residential*
- *Extension*

Engineering New Buildings

For more than 30 years, we at LeeMcCullough we have been providing structural and civil engineering services for new buildings in the commercial, education, leisure, retail and residential sectors.

Key aspects of our services are:

- An open, collaborative, philosophy providing engineering design solutions that are appropriate for the specific project, will support architectural creativity and are cost-effective in delivery
- A close working relationship with all parties involved; effective team participation; and knowledgeable and experienced integration with other service providers
- A professional commitment to our client's projects: delivering a flexible and quality service, cost efficiently and on time.

At LeeMcCullough we provide senior, experienced personnel supported by the required resources, to lead our involvement in your project, demonstration of our commitment to provide excellent client service and quality/innovative, design solutions.



New offices overlooking the canal at Baggot Street

Project in brief

Bridge House is a designated Protected Structure, which overlooks the leafy banks of the Grand Canal at Baggot Bridge. The original building is a three storey structure comprising external and internal load-bearing masonry walls, with timber roof, floors and stairs.

This project involved the renovation of the original building to house modern offices and the addition of a new lift and stair case and four storey extension, topped by a penthouse apartment.

Careful demolition and piled foundations facilitated the extension on the canal bank.

Key features

Feature window

A distinctive feature window cantilevers off the gable wall in a light structural steel frame.

Conservation

The interface between the new and historic buildings was carefully detailed in order to minimise intervention.

Site Exposure

The monopitch roof cantilevers over the penthouse, and was designed for uplift due to the exposed location adjacent to the canal.