

Impressive New Centre on former Irish Press offices site



Project in brief

This large steel-framed structure with adjoining Georgian building occupies a prominent position on Burgh Quay. Formerly occupied by the Irish Press, the building was developed as the new National Immigration Centre for staff from the Department of Justice, the Department of Foreign Affairs and the Garda Immigration Bureau.

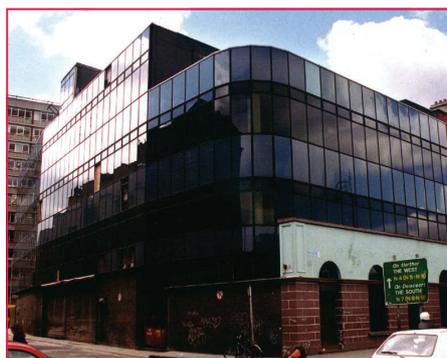
The project included the refurbishment of the basement, complete with space-saving car lift; the infilling of several storeys of floor formerly occupied by the huge printing press; the addition of three set back floors; and the refurbishment of the Georgian House. The building was totally re-clad in stone work and glazed curtain walling.

Key features

The removal of a heavily loaded (230 tonnes) basement column for vehicular access required the installation of twin 305UC283 (grade 50) grid jumper beams.

Increased loading from the additional flooring and change of use, necessitated the strengthening of existing piled foundations. This was achieved by carefully inserting additional low headroom mini-piles on RC ring-beams secured to the existing pilecaps.

The construction of a new lift shaft serving the basement required the temporary removal of two heavily loaded pilecaps and their subsequent reinstatement at a lower level.



Burgh Quay before reconstruction



LeeMcCullough
Consulting Engineers

Project 2938: Office - New Build

13/14 Burgh Quay, Dublin 2

Client: Shelbourne Developments

Architects: Henry J Lyons

Value: €10m (2004)

LeeMcCullough team:

Lorcan O'Flannery

Project scope:

- *Basement refurbishment with car lift*
- *Floor infilling - post printing presses*
- *Addition of three new floors*
- *Refurbishment of Georgian House*

Engineering New Buildings

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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
- Deep commitment to our client's projects; flexible and quality service provision; and delivery to budget and on time.

Our practice will always provide senior, experienced, personnel for your project, supported by extensive resources and a willingness to provide exceptional client service and quality, and innovative, design solutions.

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