



## ST BRIGID'S NATIONAL SCHOOL, THE COOMBE, DUBLIN

New 3 and 4 storey 2,500 sq m Primary School

**Client: Department of Education and Science**

### SUMMARY:

**Value:** €4.5 million

**Status:** Complete

### Services Provided:

Planning, Detailed Design

Preparation of Tender Documents

Construction Supervision

Nicholas O'Dwyer were appointed by the Department of Education and Science in 2001 as Civil / Structural Engineers and were responsible for the development of the civil and structural design elements from preliminary design and planning stage through to practical completion and client handover.

From the start of its life as a city centre car park, the site posed a number of significant challenges including:

- Poor ground conditions requiring the bored piled foundations and reinforced concrete ground beams
- The presence of abandoned basement structures and archaeological features
- The proximity of a protected structure and the need for sensitive remedial and underpinning works.
- The confined nature of the site coupled with the need to maximise occupancy and facilitate construction access.

The building is three and partially four-storey reinforced concrete structure clad in red brick using timber panels and aluminium windows on the façade. Complete with an annex building the project involved extensive liaison with the Local Authority given the close interface with the existing roads and paths coupled with its proximity to adjacent protected structures.



Nicholas O'Dwyer  
CONSULTING ENGINEERS