



Client Name :

Board of Management, Clonmellon National School

Architect:

Department of Education & Science

Quantity Surveyor:

Nolan Ryan Tweeds

Duration:

December 2009 - September 2010

Contract Value:

£1.4m



Clonmellon National School

Description

This consisted of the construction of a new 8 classroom national school with floor area of approximately 1523m², within the grounds of the existing live national school. Construction consisted of a ground bearing concrete slab, finished acoustic & airtight blockwork internally with a Kingspan composite panel roof system.

As this building had to conform to a very high airtightness rating a lot of special care and attention had to be taken with the external envelope including the roof and windows which were aluminium double glazed.

The school itself consisted of 8 class rooms all of which had their own "boys and girls" toilets. A large library with folding acoustic walls, 3 special education / resource rooms, a large staff room and gymnasium which also contained a fully fitted out kitchen. All the school toilets are serviced by an environmentally friendly underground rainwater harvesting system. The entire running of the school is controlled by a Building Management System (BMS) Each and every room is monitored for temperature and automatically controlled by the BMS, as is the fire alarm, burglar alarm, foul pumping station, rainwater harvesting system, public address system, & CCTV

Externally following the construction of the new school, the existing 1975 school building was demolished, and the grounds consisted of over 2 acres of landscaping both hard and soft. A staff car park, Basketball & Volleyball court and grass football playing field. Extensive alterations were carried out to the entrance to the school which exits onto the main N52 roadway, with new traffic islands, school signage, road resurfacing, new road & car park markings.

