



Client Name :
Grangegorman Development Agency
Simon Manion
Tel: 01 8676070

Architect:
Taylor Architects
Eamonn McCarney
Tel: 094 9021988

Quantity Surveyor:
AECOM

Duration:
October 2013 – May 2014

Contract Value:
£3.7m



Refurbishment of Structure 08 – The Top House, Grangegorman

Description

The works involved the complete refurbishment of Structure 08, which was the old St. Brendan's Hospital in Grangegorman.

The works consisted of the demolition of existing boiler house and emergency escape stairs and the complete internal refurbishment and alterations, which entails the removal of existing partitions, the provision of new internal partitions, the replacement of ceilings, protection of lime and lath ceilings, the upgrade of corridors, stairs and floors to improve the fire performance of the structures, the provision of new doors, the provision of new floor finishes, the provision of new mechanical and electrical services, the provision of new toilet facilities, the refurbishment of existing windows, the refurbishment and repairs to the roofs and roof structure. The provision of a new glazed main entrance to structure 08, removing existing cement render to internal walls to expose brickwork, raking and pointing external stonework and repairing cracked and broken stone. Many new opes were broken out in 600mm thick walls, involving needling propping and coring. The render for the re-pointing had to be the same mix as the existing render. This entailed testing the existing render in a laboratory to get the correct mix strength.

To the main entrance of the building we designed and built a Planar Glazing structure suspended by stainless steel fins. DIT intend to use Structure 08 as the Campus Library in years to come and the Glass Box designed by us is planned to be the main entrance.

The existing building is in excess of 200 years old and the brief was to convert it into an arts faculty for Dublin Institute of Technology. The Architect's requirement was to upgrade the Buildings Fire proof, health and safety and insulation qualities to modern day standards for a public building while maintaining and highlighting the old structure as much as possible. We worked in close consultation with the Design Team in order to react to any scope changes instantly, as meeting the tight programme was as priority for the client while not allowing any slippage on quality.



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