



McKEE BARRACKS - GYMNASIUM

Provision of gymnasium building on a green field site

Client: Department of Defence

SUMMARY:

Value: €2.0 m
Architect: Project Architects
Status: Complete

Services Provided:
Preliminary Design
Detailed Design
Preparation of Tender Documents
Construction Supervision

Nicholas O'Dwyer were appointed by the Department of Defence as part of a multi-disciplinary design team with responsibility for delivering the civil and structural design elements of the project to a very strict budget.

From the very outset cost-control was of permanent importance to the client requiring each design team member to be fully involved with cost planning at each of the design process. Although a green-field site within the McKee Barracks complex, the area was bounded on two sides by the Garda HQ and on a third side by existing barracks buildings. Ground conditions were marginal but an economic wide spread footing was detailed by us as being most economic.

The ground was also poorly drained which caused numerous challenges during construction but also in the development of our design for a sustainable urban low-maintenance drainage solution following the principles of the Greater Dublin Area Strategic Drainage study (GSDSDS)



Nicholas O'Dwyer
CONSULTING ENGINEERS