



BROOKFIELD COURT

Penthouse Residential Development

Client: Bymac Developments

SUMMARY:

Value: €1.0 million
Architect: SBA Architects
Status: Complete

Services Provided:
Detailed Design
Project Supervision

This project involved the construction of a new penthouse apartment structure on top of an existing three story apartment block. The structure consisted of a lightweight steel frame supporting steel beams and purlins for the roof structure and floor beams spanning over the existing pre-cast concrete roof.

The project required careful analysis and assessment of the loads imposed on the existing structure and detailed co-ordination of weathering and tie-in details with the Architect.

Nicholas O'Dwyer were involved at an early stage in the development of the concept design and feasibility assessment of the proposals. The structural design and load analysis conducted by our engineers were critical to determining the viability and ultimate success of the project



Nicholas O'Dwyer
CONSULTING ENGINEERS