



JOHNSTOWN CASTLE, WEXFORD

Extension to Laboratory Building

Client: Teagasc

SUMMARY:

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

Services Provided:
Detailed Design
Project Supervision

The building is a single storey extension to the existing laboratories in the grounds of Johnstown Castle, Co. Wexford. The overall area of the new extension is approximately 650m². The building is constructed with load bearing blockwork, steel columns supporting steel beams and purlins for the roof structure.

Externally the building is finished in Pelicolour panels and copper and bronze sheets. The roof profile rises over the length of the building to create a meeting room at one end, with 6m high windows framed in bronze clad steel columns.

Due to marginal ground conditions and to control settlement in areas of extensive glazing, a raft foundation was found to be the most cost effective. This type of foundation also permitted IT trunking and trench heating to be placed in under-floor trenches with access covers.



Nicholas O'Dwyer
CONSULTING ENGINEERS