



KILMEENA HOUSING DEVELOPMENT

Construction of Community Centre and 14 Social Houses

Client: Mayo County Council

SUMMARY:

Value: €3 million (estimated)
Architect: Cox Power & Associates
Status: Completed

Services Provided:
Feasibility Design
Planning
Detailed Design
Environmental Design and Construction Supervision



This is a project of architecturally designed housing in the small rural community of Kilmeena. 14 social and affordable houses were constructed in a small cluster at the heart of the village. The houses have 5 separate layouts to complement each other. Each house type had some architectural features to enhance their design and that required structural design and input. A steel framed community centre was also designed as part of this development.

Nicholas O'Dwyer were also responsible for the civil engineering design of this project. This was also challenging due to the location of the site close to tidal streams that feed the oyster beds in clew bay. There was also a high water table present on site but no direct route off site for surface water. A series of soak tests were carried out on site and the surface water is collected by gravity and discharges to a series of soak aways on the site. The foul sewers were also collected by gravity and drain to a new foul treatment plant which percolates to a raised willow plantation. This willow plantation will ensure no contaminates discharge from site to the natural watercourse.

The project was awarded the RIAI Best Housing Award 2011 for Architects, Cox Power & Associates, with particular emphasis on sustainable rural development.



Nicholas O'Dwyer
CONSULTING ENGINEERS