

Upgrades to Ballyronan Marina, Lough Neagh



Contract Value: £200,000
Consulting Engineer: White Young Green
Engineer's Representative: Paul McErlean (028 9070 6000)
Client: Geda Construction
Client's Representative: John Coalter (028 8774 7600 / 07764 153953)
Works completed: March 2007

Categories:- Marine Civil Engineering, General Civil Engineering, Piling, Jetty & Pontoon Installation, Slipways, Groundworks & Pipelaying.

Works Comprised:

- Construction of 18No Jetties as extensions to the existing marina facility. Jetty construction had to be carried out using plant and equipment mounted on modular barge systems. This included a 30T excavator working from the barge for the installation of all temporary works, pitching and driving of piles using a combination of vibrating and impact piling hammers. Jetties comprised:-
 - o Installation of temporary works constructed from a jack-up Bailey Frame supporting individual gates for each pile bent.
 - o Supply and driving of 220No 7m long timber piles (225 x 225mm sq.) into boulder clay using an impact hammer.
 - o Erection of associated timber framing, cladding and decking to jetties varying in length between 12.6m and 13.6m.
- Installation of 2No Dia. 1050mm recirculation culverts through the existing breakwater.
- Construction of 40m long slipway varying in width between 3m to 4m.



Installation of temporary works for piling



Driving of timber piles from Barge



Typical completed Jetty structure

ASHLEIGH CONTRACTS

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