

Alexandra Dock - Hull



Project:

Mono-pile Lead-in Jetty

Location:

Alexandra Dock - Hull

Client:

Associated British Ports

Consulting Engineer:

Alan Wood & Partners

Design & Construct Engineer:

C. Spencer Limited

Project Value:

£400,000.00

Description:

A design and construct contract was awarded by Associated British Ports to C. Spencer Ltd. employing Alan Wood & Partners for the replacement of the derelict timber west lead-in structure to Alexandra Dock in Hull.

The winning tender was based upon the mono-pile design prepared by Alan Wood & Partners, which was an alternative to the arrangement shown on the tender drawings.

The overall structure comprises eight mono-pile 2020mm in diameter. Each pile is protected by a polyethylene faced double skin fender panel and access to mooring facilities is provided along the full length.

The design provided an economic scheme with the construction simplified to account for the difficult environment, resulting in a successful contract for all parties.