

Minerva Pier & Island Wharf - Hull



Project:

Reconstruction of Minerva Pier
& Island Wharf

Location:

Humber Dock Basin - Hull

Client:

Kingston upon Hull City Council

Consulting Engineer:

Alan Wood & Partners

Contractor:

Harbour & General Works Ltd.

Project Value:

£1.7 Million

Description:

The timber construction Minerva Pier and the adjacent Island Wharf had fallen into a state of disrepair not having been used for a number of years. A hydraulic model study commissioned by Alan Wood & Partners on behalf of their Client suggested that to rebuild the pier in solid form and to extend its length would best serve the needs of vessels using Hull Marina.

The design of both the extended Minerva Pier and Island Wharf Bullnose encapsulating the existing structures were adopted. These comprise of steel sheet piled walls with concrete relieving platforms supported on bearing piles.

The area behind the sheet piled outer walls is filled with stone and topped off with block paving to provide access for members of the public to the River Humber frontage as well as providing completed structures of considerable mass to withstand berthing forces and wave loads. Works on site were successfully completed on time and within budget.