



Kilkeel Harbour Quay Wall Repairs

Contract Value: £620,000
Consulting Engineer: Doran Consulting
Engineer's Representative: Campbell Davis (028 9038 1321)
Client: McLaughlin & Harvey Ltd
Client's Representative: John Glass (028 9034 2777)
Works completed: September 2008

Works Comprised:

- Construction of new Retaining Wall with PC Caisson Wall Units retaining material to MLWS with rock armoured revetment above same. The new structure had to be constructed within a sheet piled cofferdam with the lowest level caisson units placed approx. 2.5m below MLWS.
- Dredging of approx. 9,000m³ within Harbour Inner Basin and loading material onto N.I.F.H.A. split hopper barge for disposal at sea.
- Installation of 6No Pontoon locating piles within Harbour Basin. Piles were installed by excavating pockets within the hard clay seabed and setting individual piles supported in a frame whilst 32m³ foundations were infilled with underwater concrete.
- Refurbishment of a section of Quay Wall on the North Pier comprising new Caisson Wall.



Views of caisson & pile installation and the completed pontoons

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