

Case Study: Civil Works

Banavie Locks, Caledonian Canal

Global Energy Group's Engineering and Fabrication division were awarded the contract to build and replace damaged gate pairs at the Banavie Locks, Fort William.

On draining the locks, the deterioration of the stonework (mainly the hollow quoins) was more extensive than forecast. They were grouted then anchored using Cintec Anchors and SS bar reinforcement which involved the stabilisation of the lock walls, prior to the renewal of the gate sills and refurbishment of the lock gates.

KEY FACTS

Weight: 44 Tonne per Gate x 6 gates
Dimensions: 14m(L)x 0.5m(W)x 8.8m(H)
Duration: 5 Month contract
Work Scope: Civils, Steel Work, Design Engineering, Fabrication and Installaiton.

Construction

The Lock gates were constructed at Global's Engineering and Fabrication facilities in the Highlands, with Global Construction handling various aspects of the project.



Maintenance

Ongoing canal maintenance, refurbishment, pontoon installation and concrete repairs are undertaken by Global Construction.

