

CLIENT

Scottish Canals

PROJECT

Electrical Installations at Pinkston Paddlesports Centre, Glasgow

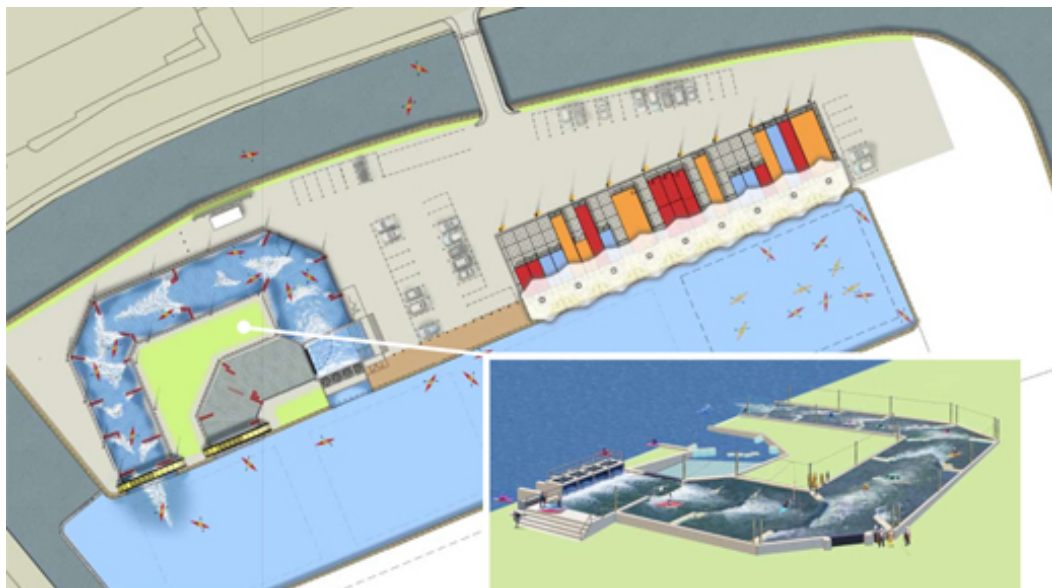
SCOPE OF WORK

Design, install and commission electrical works for a competition standard whitewater course.

DATE

January 2014

Electrical Contractor for the New Pinkston Paddlesports Centre, Glasgow



Pinkston Paddlesports Centre in Glasgow is a Scottish Canals regeneration project to build Scotland's first purpose built paddlesports centre. Due to open to the public early 2014, the centre includes a whitewater course adjoining the canal that comprises two concrete channels; a slalom route (90m with 1.5m head) and a short course (30m with 1.5m head).

Working in conjunction with Rapid Water Courses and Meldrum Construction, Retroflo were appointed to undertake electrical installation and commissioning works for the whitewater course and control kiosk.

To operate the three 90kw output pumps capable of pumping seven tons of water a second, Retroflo supplied and installed a four section Motor Control Centre (MCC) with three dedicated ABB soft start starters. The MCC provides manual control with the facility to upgrade to

automatic control at a later date. The panel was built offsite and tested in the presence of the client before being shipped to site for installation in the control kiosk alongside the course.

The works included the field cabling and electrical connection of the pumps and mains power supply, along with the emergency stop buttons located around the course, and kiosk electrical building services. Following Electrical inspection and testing the system was successfully commissioned.

Retroflo are currently working with an app developer to deliver an automated booking and course control system. The new system, expected online by late summer, will enable customers to book sessions and activate the course pumps via a smartphone application.

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