

Verti-Block

Riverside Residential Project

The Brief

Continued erosion beside Tom Rudd Beck had left homeowners in Cockermouth concerned about the stability of the land supporting their property.

A retaining wall was required to protect the bank from further erosion, but restricted access, poor soil conditions and limited excavation space ruled out solutions requiring large machinery or geogrid reinforcement.

Project Details

Location: Cockermouth, Cumbria
Installer: Ian Cannon Ltd.
Product: Verti-Block, Cut Sandstone
Wall Area: 24m long & 3m high
Quantity: 101 blocks

The Solution

Naylor Concrete designed a curved Verti-Block gravity wall that could be installed without geogrid reinforcement, and provide a durable, low-maintenance finish that suits the aesthetic of the home and surrounding area.

The system suited the restricted site and could be handled using smaller excavators and a 9-tonne grab.

Naylor Concrete also provided calculations, layout drawings, block scheduling, technical advice and delivery planning.

Outcome

The wall was completed in two phases, with the blocks for each section installed in a single day once the groundworks were prepared.

The homeowners were so impressed with the completion of the first phase that they then decided to extend the wall by a further 7m!

The finished wall now helps protect their home from further bank erosion and has created approximately 60m² of additional outdoor space for a new riverside patio.

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by Naylor Concrete



