

## Parish Church Piling Update

The Environment Agency is delivering a Flood Risk Management Scheme to better protect homes and businesses from flooding in the Kent Catchment, and improve the local environment and community amenities. Kendal is the first area to be delivered, followed by Burneside, Staveley and Ings, and upstream measures including flood storage.

In the New Year, week commencing 3<sup>rd</sup> January, we will continue with our construction works after the Christmas holiday period. One of the first construction activities in this area will be piling. The piles in this area will provide both seepage cut off underground and a strong foundation from which the flood wall will be constructed.

### Piling Method

The piling technique used in this area will be Continuous Flight Auger (CFA). CFA has been chosen because it prevents vibration and disruption in nearby structures and decreases noise pollution (compared to other piling methods).

A piling rig is used to drill a hole in the ground to provide the foundation. Next a 'H' shaped King post is installed into the auger hole and concreted in place. Reinforced concrete is cast between the beams, this forms the river retaining wall below ground level. Once the piling is complete, the new reinforced concrete flood wall will be constructed above ground. This will be clad using the existing stone from the original wall and bought in local stone where needed.

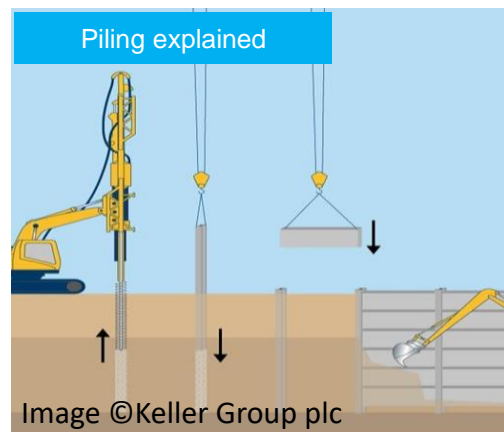


Approximate position  
of new flood wall.



Natural Stone Cladding

We apologise for any inconvenience this may cause and appreciate your understanding whilst we carry out these works.



### Contact us

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### VolkerStevin Engage

Our new project app allows you to keep up to date on the Kendal Flood Risk Management Scheme, view construction progress, images and provide feedback.



### Keep up to date

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