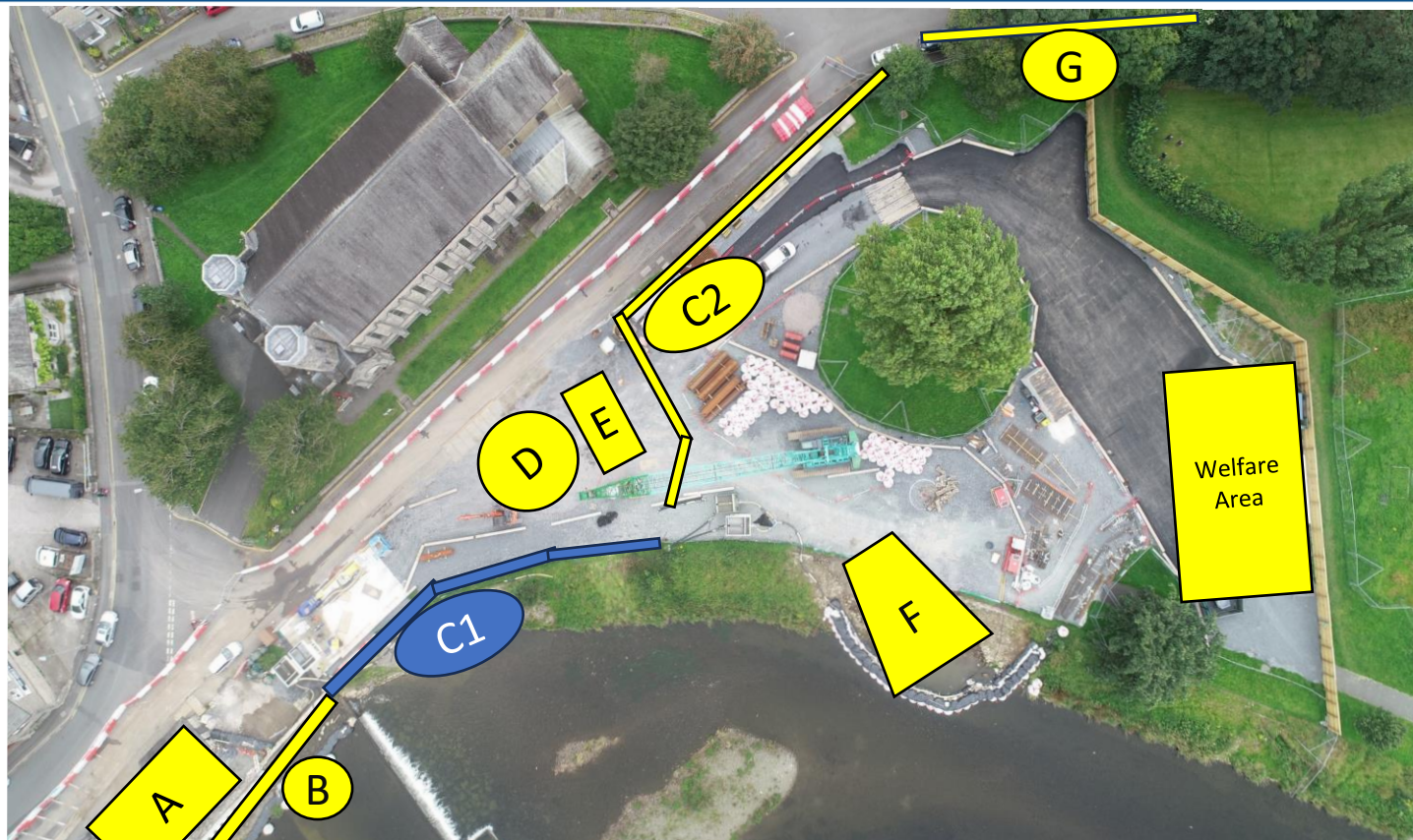


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 13th January 2025



A – Motor Control Centre Building

95%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

80%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

70%

A – Motor Control Centre

Building (MCC)

This building will house all the electrical infrastructure that will power the stock beck pumps in flood conditions.

B – Glass panel flood wall

The glass panels will be partially uncovered with the remaining uncovered once the MCC building is completed

C1 & C2 – Flood wall construction

Constructed from a sheet pile foundation the concrete flood wall will be clad in local stone.

Overall completion tracker

70%

D – Wet Well Shaft

This is the underground structure which will house the pumps for stock beck designed to transfer water of Stock Beck from the Well to the Outfall (A).

E – Valve Chamber

This chamber will house the valves for the onward pumping of Stock Beck in flood conditions.

F – Outfall

The new Stock Beck outfall into the river Kent.

G – Kerbing

Kerbing is now complete in this location and forms part of our flood defence.

What's happening this week

Motor Control Centre Building (MCC) – The internal electrical components are being procured and will be installed once the external ramped access is constructed. Electricity connections to the building will also be carried out in the coming weeks providing the power needed to activate the pumps and supporting infrastructure.

Sewer Diversion – Waitings have finished the pouring of the walls for the Underpass chamber. This week the team will require to carry out 1 day's worth of piling work which will take place early next week. This will create a dry and secure space so the team can connect the Underpass Chamber to the new sewer and manhole. Once complete, the team will then be preparing for the Soffit slab installation over the underpass chamber and stock beck culvert which will take place on Saturday 18th January.

Wet Well – All work we can possibly conduct for the Wet Well has been complete, further works to the wet well won't begin until the sewer diversion is complete due to the proximity of these works.

Valve Chamber – Pressure testing of the system took place before the Christmas period and was successful. Following pressure testing, we will await the results to see if any further action is needed. Should there be no further action, work will start to plan the install of the valve chamber lid.

Flood Wall – A 21m stretch of flood wall is almost complete along St George's Walk. The next stage is for the wall to pass alongside the valve chamber once the area has been backfilled and reinstated.

Stock Beck Outfall – This week the team will be looking to commence the construction of the base of the Outfall using precast concrete slabs which will create a solid base for the headwall to sit on. Pumping will be needed to manage water egress in the sheet piled area. The pumping activity removes and keeps on top of groundwater entering the work area. The pump is super silent and has echo barriers surrounding it to keep noise to a minimum as much as possible. At times, **Overnight pumping** may be required to ensure the area is free from water the following day to enable works to start in the morning. The pumps will be monitored, and further noise barriers have been erected round the site perimeter to keep running noises to a minimum.

Piling works – There will be a small amount of piling works taking place on Monday/Tuesday if required. This is part of the Underpass works which is situated next to the Church entrance.

Working Hours – During the winter times our working hours will remain the same which are 08:00 – 18:00 Monday to Saturday. There are no works taking place on Saturday 11th of January.

Kendal Flood Risk Management Scheme

Gooseholme Construction Update Photographs December 2024



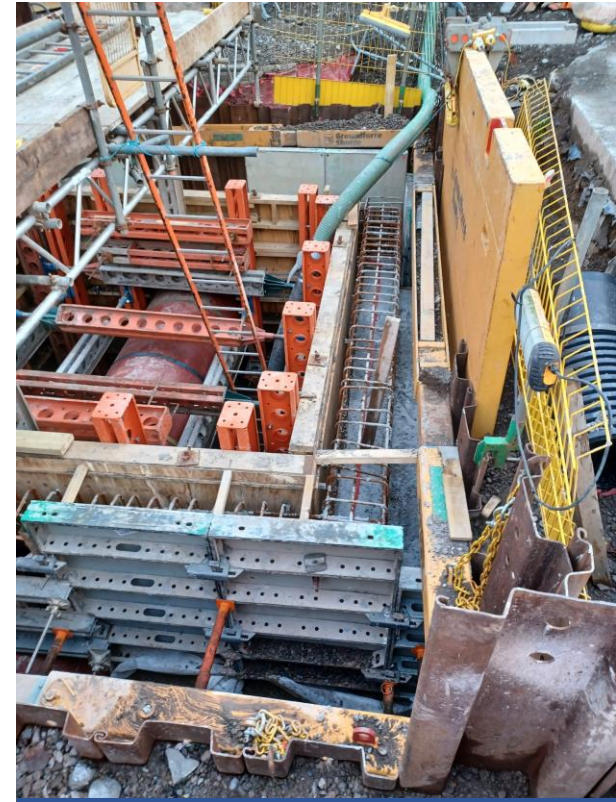
Wet well – Stock beck will be pumped from this area in flood conditions



Cofferdam – Area requiring pumping due to ground water entering the excavated area



Valve Chamber undergoing pressure testing



Sewer Diversion - Underpass Chamber

www.thefloodhub.co.uk/kendal

For more information on the Kendal flood scheme



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. Scan the QR code to download.

