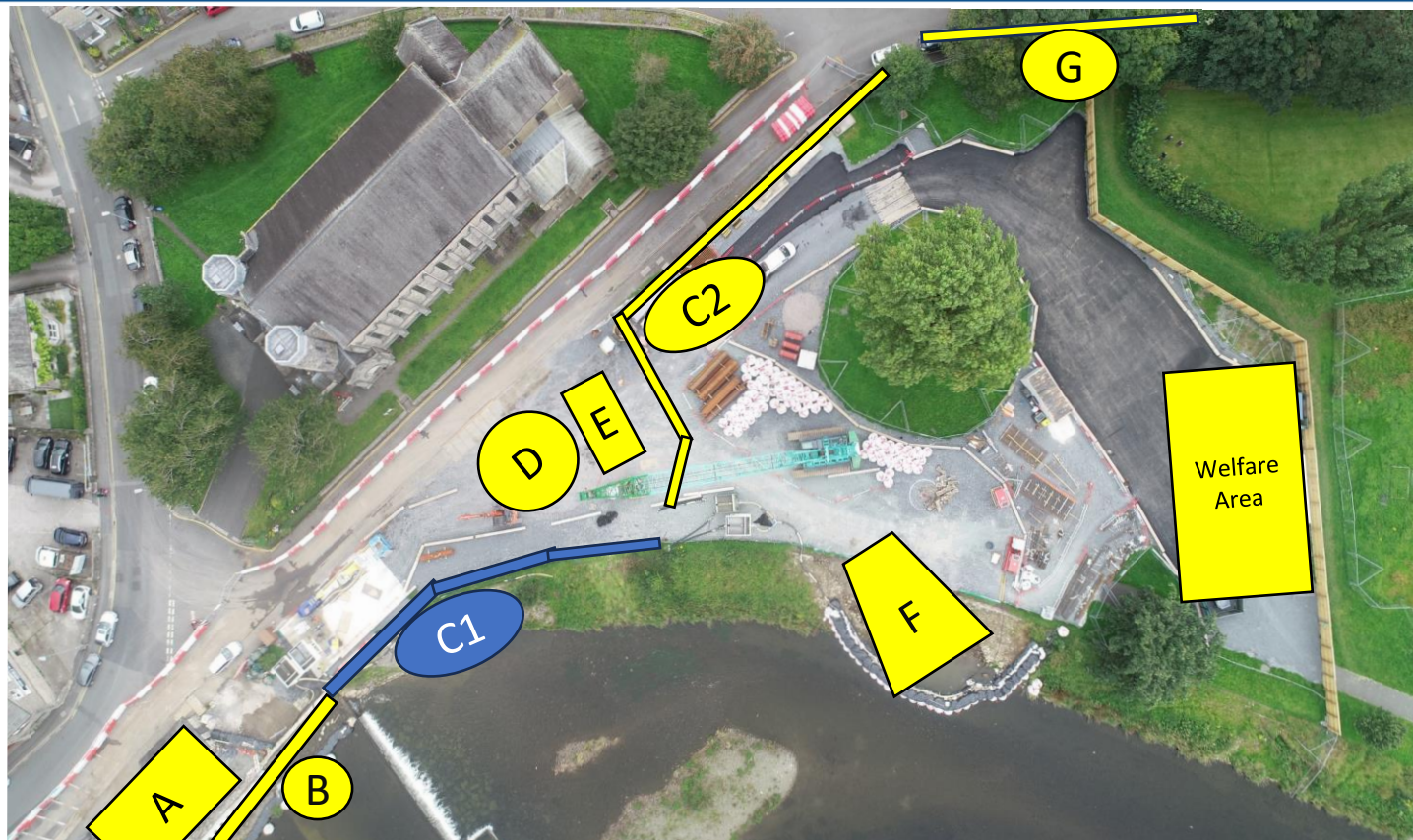


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 27th 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 external ramp of the MCC has been installed and finished, following this the internal electrical components are currently being installed starting with the transformer. 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.

Wet Well – All work we can possibly conduct for the Wet Well has been completed, 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's pipes took place before the Christmas period and was successful. We have completed 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 finishing off the steel re-bar and some final preparations for the base of the Outfall be poured in concrete late next week. There will be some traffic attending the site from Thursday 30th to deliver the concrete.

Pumping will be needed to manage water ingress 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.

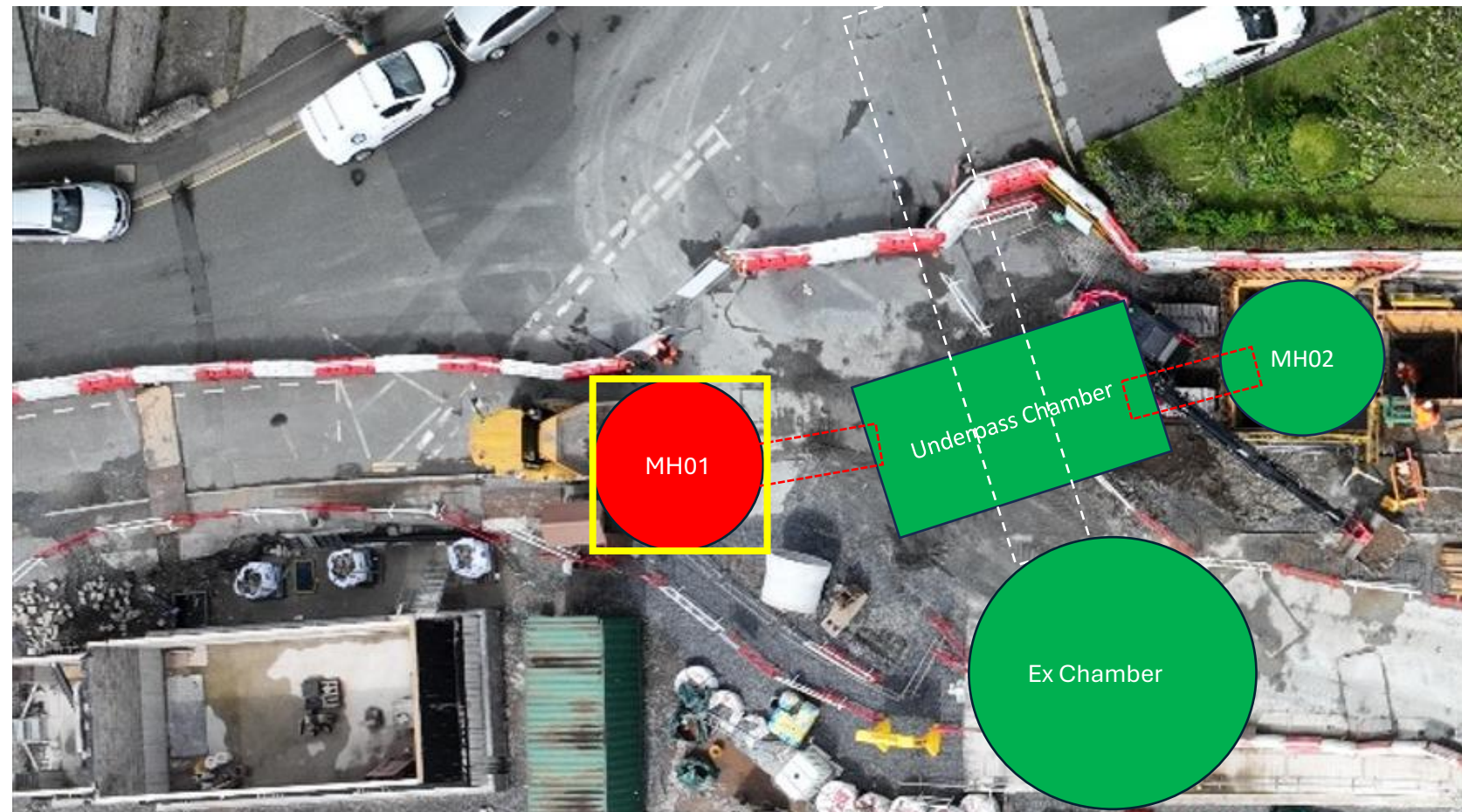
At times, **Overnight pumping** may be required to ensure the area is free from water the following day to enable works to start in the morning. The pumps will be monitored, and further noise barriers have been erected round the site perimeter to keep running noises to a minimum.



MCC – Ramp Installed



MCC – Transformer being installed



Sewer Diversion – The Soffit Slab installation was successfully installed on Saturday the 18th January. Following this the team have arranged a new access point into site to accommodate for the upcoming works around Manhole 01. Next, the team will be conducting a trial holes to confirm the location of the existing sewer before the team commence the work at MH01.

Piling work will start mid week to create a safe dry working area so that the Waitings team may install MH01. This piling work will take place for a couple of days. Following the piling works the Waiting's team will begin to excavate the area.

Piling works – There will be piling works taking place, back end of the week starting from Wednesday. This will be the installation of the piles for MH01.

Saturday Working – No Saturday working will be taking place this week.

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.

