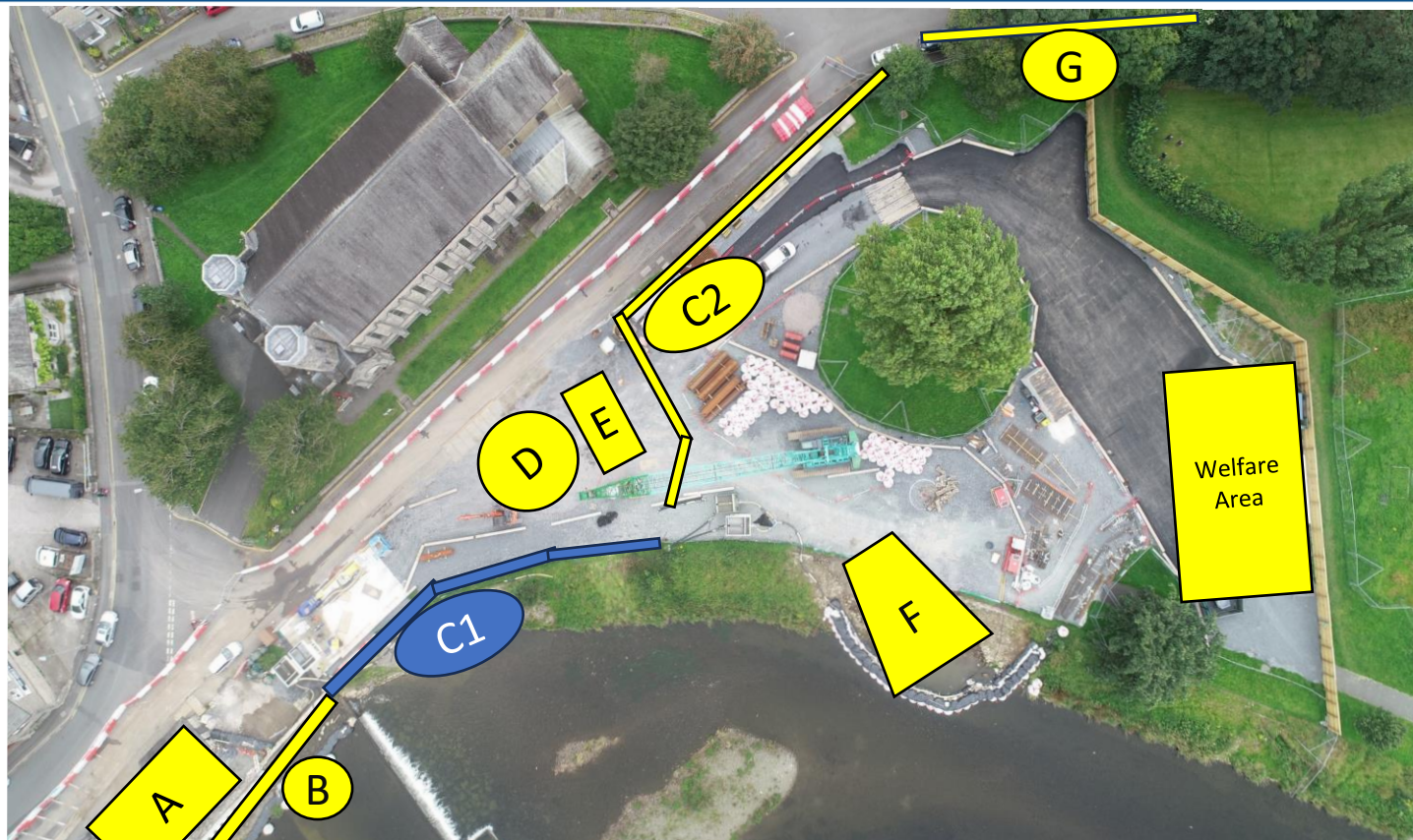


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 21st October 2024



A – Motor Control Centre Building

70%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

70%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

68%

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

68%

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) – Tiling is near completion with preparations to remove the scaffolding this week. The bat boxes are now in place with detailed pointing being done to blend the boxes into the building. The flood doors will be fitted from Thursday to Saturday. Once the doors are fitted this would allow the internal plastering of ceilings, fitting of rain-water pipes and guttering.

Sewer Diversion – The base for the underpass chamber has now been completed with the start of the construction of the walls of the chamber starting this week. These works have been monitored and managed carefully last week during periods of heavy rainfall and will continue through this week to ensure water levels and debris are managed.

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 close proximity of these works.

Valve Chamber – The installation of the Valve Chamber pipes has now been complete. Pressure testing of the system will take place from the 28th October by specialists to ensure the pipes are connected to the required standard. Following pressure testing, steel props will be erected for the installation of the lid which will encapsulate this structure.

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 – Following the successful sealing the cofferdam to create a dry area, works will begin to excavate and construct the base at the end of October.

Working Hours – This Saturday (26th October) Waitings will be on site assembling steels ready for the following weeks work. These working arrangements are within our agreed planning arrangements and will not exceed 08:00 – 18:00.

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.



Jacobs



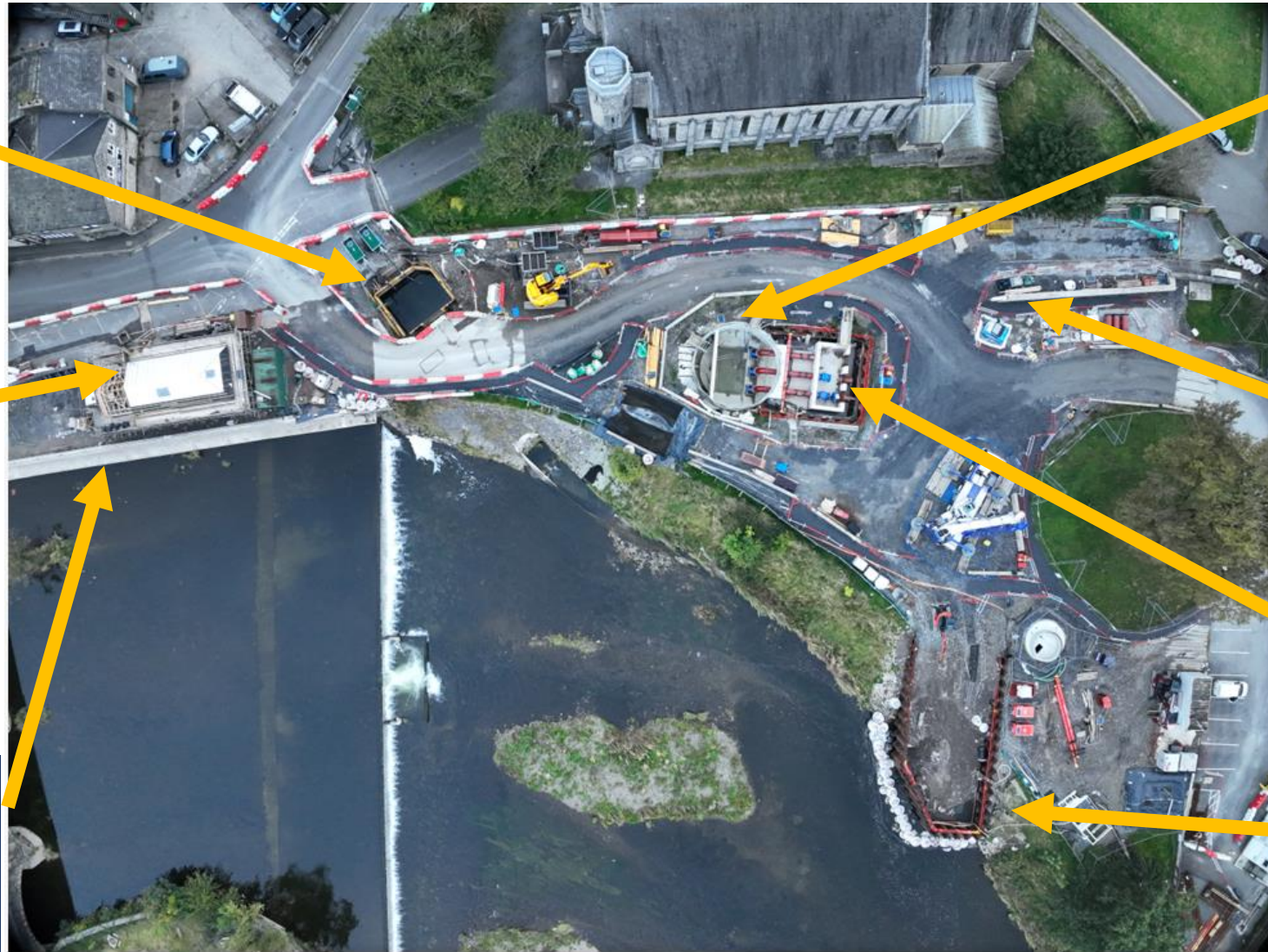
Kendal Flood Risk Management Scheme – Gooseholme construction aerial photograph October 2024

This aerial photograph of Gooseholme shows the areas of construction currently taking place. The majority of the construction activity is focussed underground as complex works continue to construct the underground pumping infrastructure for Stock Beck.

Sewer Diversion – The sewer diversion will pass under Stock Beck culvert in this location. These are complex works due to the interaction with the existing Stock Beck culvert and groundwater in this location.

Motor Control Centre Building – This building will house all of the electrical equipment needed to operate Stock Beck underground pumps. The building has been designed to blend into the local area using local stone to replicate building features and slate roof tiles.

Glass topped flood wall – This is now complete. We will be starting to landscape the area in this location once the Motor Control Centre Building is complete



Wet Well – Construction of the underground shaft which will house 3 pumps. In storm conditions these pumps will activate and pump flood water from Stock Beck into the Kent.

Floodwall along St Georges walk - Construction has started but has paused until the Wet Well works and Valve Chamber are complete. This wall will tie into the glass topped flood wall.

Valve chamber – Installation of the pipe valves that will aid the pumping of Stock Beck into the Kent in storm conditions.

Stock Beck Outfall – Constructing the new outfall of Stock Beck which will improve pumping conveyance in flood conditions.