

The Seam Barnsley – Retaining Wall Restoration Schedule of Works

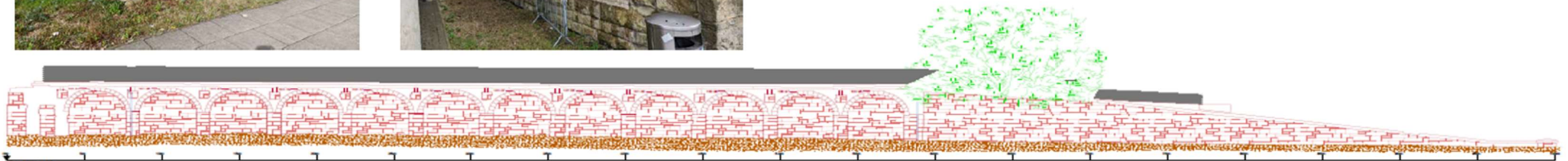
Cleaning the existing stone

Utilise scaffolding provided by the main contractor, which must be fully sheeted to protect the public and vehicles.

Carefully remove the existing vegetation from the stone, where roots are deep these will be cut back and a herbicide applied to kill any roots embedded in the masonry.

Allow to clean using the DOFF/Thermatech system which is a pressure washer with variable temperature and pressure setting.

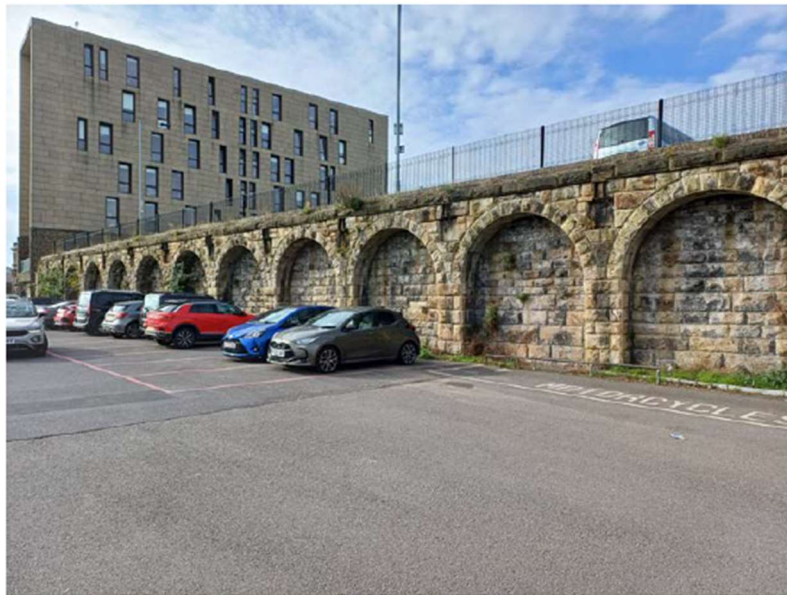
This cleaning system will remove biological growths such as moss and algae and gently clean off surface dirt. It will not remove carbon or deep staining.



Rake out and repoint

Gain access off the installed scaffold and carefully rake out the joints between each stone to a suitable depth and prepare for repointing.

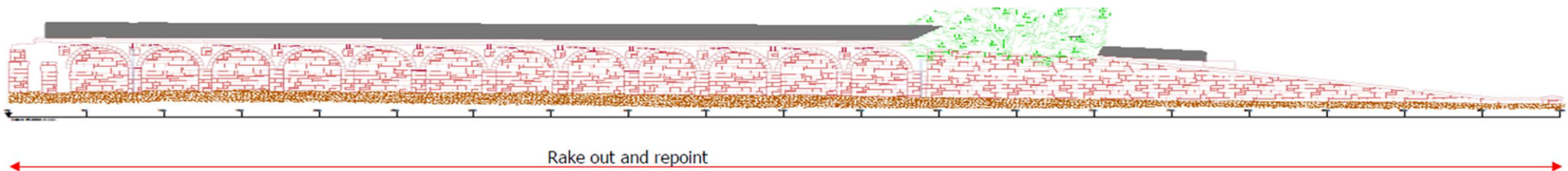
Point the prepared joints using a lime based mortar (to be confirmed) and brush back flush to the face of the stone.



Repairs to skyward facing surface of the copings

Gain access off the installed scaffold and inspect the skyward facing surface of the existing coping for defects, this will be itemised and reported back.

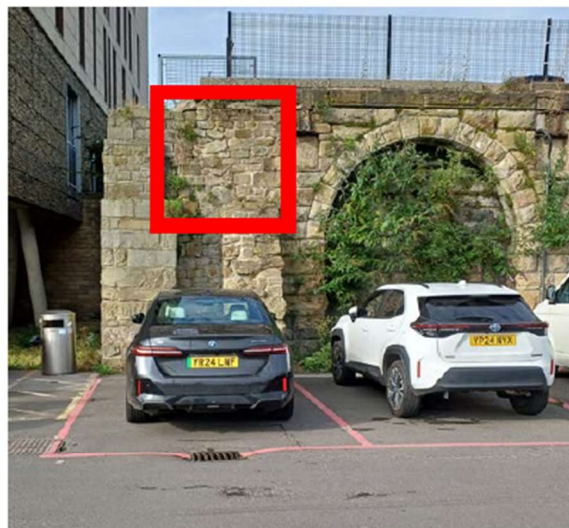
Carry out minor repairs to the top of the coping buffering back capped edges to allow the existing coping to shed water correctly, point cracks with a suitable lime mortar brushed back flush, we have allowed to repair 15% of the overall copings.



Take down and rebuild stonework

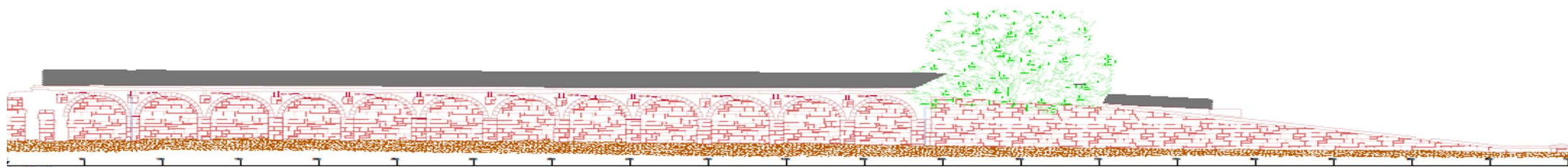
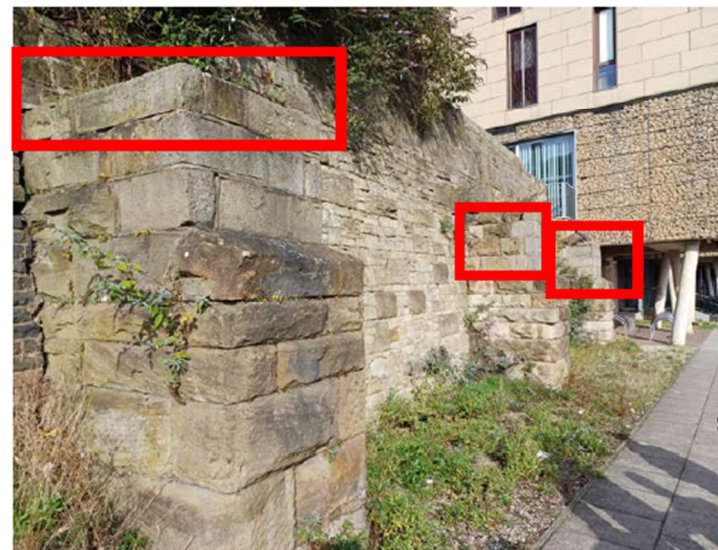
Gain access off the installed scaffold and carefully take down approx. 4m² of existing rebuilt stonework, dress and stack on the scaffold for re-use.

Prepare the stone below and rebuild the existing stone, keeping the stone in courses where possible using a suitable lime mortar brushed back flush.



Stone capping and repairs to south east end elevation

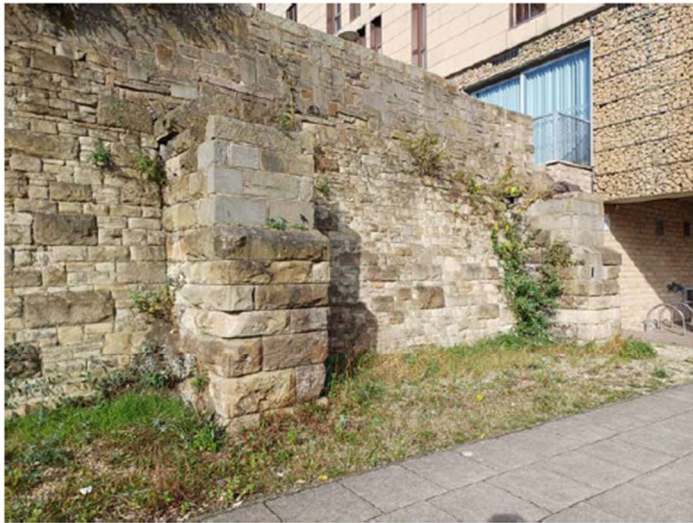
Gain access off the installed scaffold and carry out repairs to the heads of the stone buttresses where stone is missing, install new stone to the head of the buttresses to bring up the level and install a flat stone slab in sections to the head of the wall to act as a coping and stopping water penetrating the stonework.



Rake out and repoint – south end

Gain access off the installed scaffold and carefully rake out the joints between each stone to a suitable depth and prepare for repointing.

Point the prepared joints using a lime based mortar (to be confirmed) and brush back flush to the face of the stone.



Missing stone to wall face

To supply and install missing stone to the east elevations of the vertical wall face approx. 2-3 units, these will be sourced, cut and dressed to match the existing and installed using a suitable lime mortar brushed back flush.

