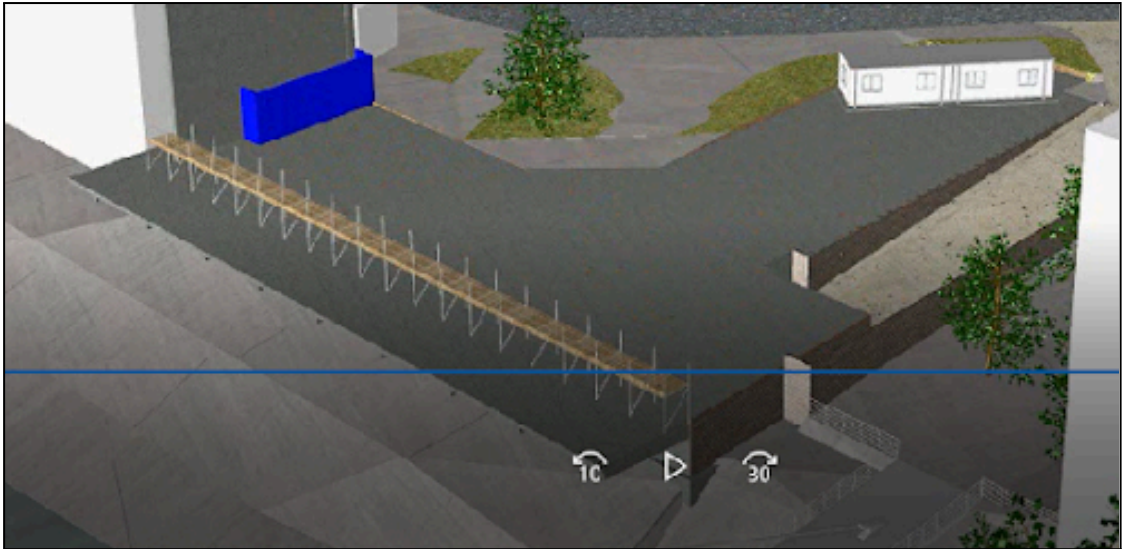
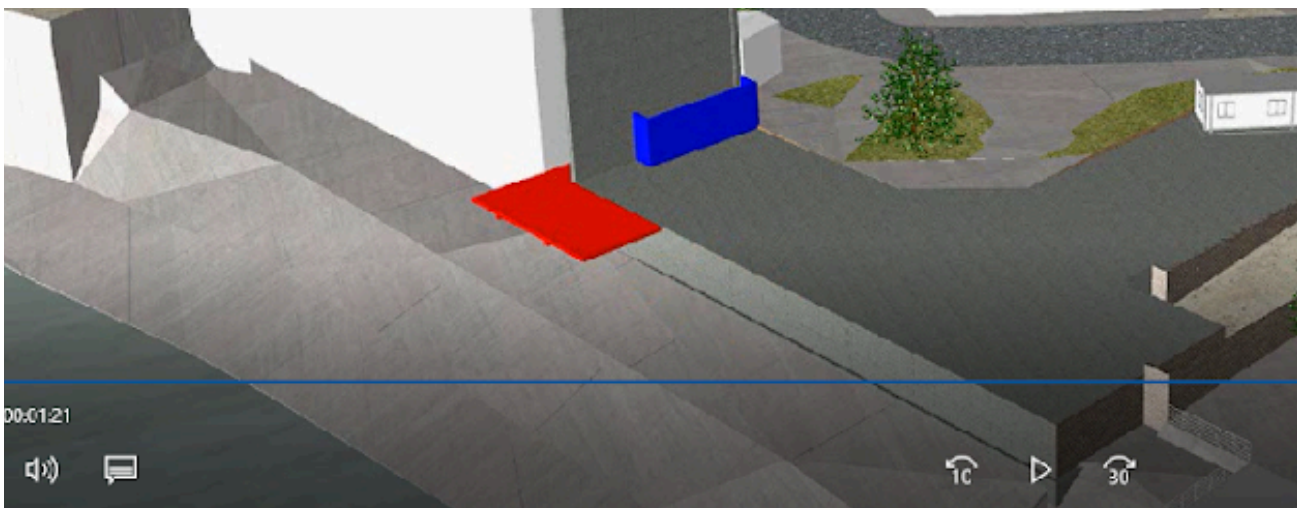
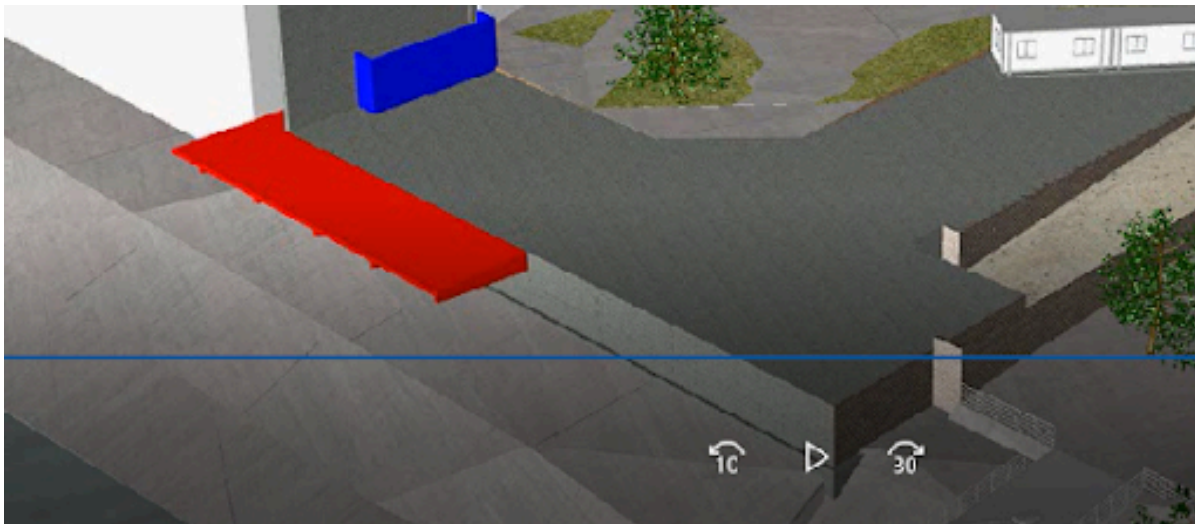
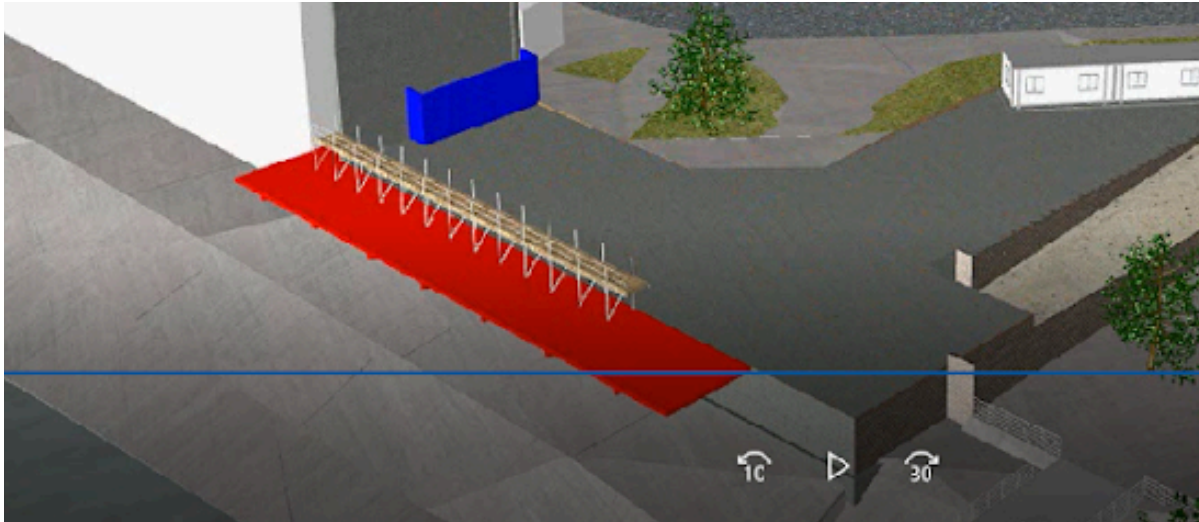




Demolition of cantilever

- Having cleared the demolition rubble of the building and propped in the basement (if design driven) and already installed the underside cantilever crash deck – the aprons between the outstretched cantilever beams will be demolished by the BROKKS onto the underlying scaffold crash deck.
- The BROKKS start at the front of the cantilever aprons, demolish 2m sections of the apron, clear the material then work backwards towards the footprint of the building
- Demolition and clearing debris will cease when the BROKKS reach the footprint of the building.
- The larger excavators will demolish and clear the remainder of the ground floor slabs and clear the site (leaving basement columns, beams and cantilever beams in place)
- The 870 will reach out and take purchase of the end of each cantilever beam using its hydraulic cracker/ pulveriser.
- Other excavator (min 50t) will carefully and slowly fail the inner part of the beam whilst still being held by the larger 870.
- Having failed the beam yet still retained by the rebar, the 870 will slowly rotate the failed beam into the footprint of the building, processed then taken off site.
- The scaffold will be removed
- Once the cantilever aprons and beams are demolished the basement wall and cantilever columns will be demolished and taken off site.



Removal of slabs and foundation (including back filling of voids)

- The ground floor slab will be saw cut around the retained shared emergency stairs (thus separation will be achieved)
- The basement floor slab will be saw cut around the retained shared emergency stairs (thus separation will be achieved)
- The excavators fitted with breakers and toothed buckets will fail and remove ground the basement floor slabs.
- Others excavators will process the concrete slabs, load into PPOC wagons then taken to Eccles.
- The excavator will puncture/ fail and remove the basement slab and any approved retaining walls sat on the basement slab.
- Others excavators will process the concrete slabs, load into PPOC wagons then taken to Eccles.
- Any exposed ring beams and or pile caps will be failed using breakers and removed from site to a maximum depth of 2m.
- Excavations created will be back filled with imported 6f2
- All retaining walls that are deemed as to be removed will be demolished and taken off site for recycling.
- The welfare units will be taken off site and a smaller mobile welfare delivered.
- The slabs and foundations (to a maximum depth of 2m) of building 1 will be removed and taken off site
- The ramp and other hard standings will be removed and taken off site
- The larger excavators will be taken off site.
- The ground that remains will be civilised and sealed leading from the river retaining wall to the public footpath.
- The remaining excavators and mobile welfare will be taken off site

