

Xaverian College – Firwood building
Supplementary information
6th May 2021
REV 1

- Method statement for the demolition of the stair core
 - The stair core will be encapsulated with a designed and fully sheeted scaffolding.
 - Internally the main original wall will be sheeted out with ply for protection.
 - Internally a temporary propping system will be designed to internally support the stairs and also restrain the flank walls as they are currently restrained by the staircase.
 - Each staircase will be removed by a small robotic brock (see photo below). It is basically a robotic arm on legs that is operated remotely.
 - As the stairs are deconstructed, sequentially the props will be removed, the brickwork deconstructed by hand off the scaffold and the externally scaffold dismantled until we reach roof level.
 - A section of scaffold will remain in place to access the façade work.



- Removal of windows / cills and how the brick will be returned into the reveals
 - Internally and external any fixings will be located.
 - The windows will be deglazed and glass stored.
 - Any sections of window demountable will be removed and recorded.
 - Plaster around the window will be removed and any fixings carefully removed with a reciprocating saw.
 - Cills will be loosened with a mortar chisel and carefully removed by hand.
 - Where brickwork is required to return into the reveals, the bricks will be toothed out by hand and reclaimed bricks used to form a reveal

- Material spec / sample for the bricks and mortar
 - The red solid bricks date from around 1870-80 and are available from reclamation yards in the area. We have sourced a number and will offer for approval.
 - The mortar beds are fairly tight and the most recent mortar is a red gritty mortar. It can be replicated with NHL 2.5 lime and a mix of sieved Mersey Grit and red sand. We can provide sample for approval. There is an older mortar behind this and we could replicate the original mortar if required. It depends upon clients' requirements to match original or existing.



- Images / drawings for the proposed new steel staircase
 - We can issue a drawing as soon as one is available for approval
- During the soft strip you will need to flag up if you uncover any old decorative elements that could form part of the listing
 - The soft strip will be a cautious one, with daily briefings of what may be covered behind plaster etc.
 - There will be a watching brief throughout the soft strip (and project) to ensure no historical assets are disturbed.
 - We have opened up a small area around the new staircase location to determine where the areas are tiled and how the staircase will interact.