

# Case Study

## Salisbury & Chestnut Houses, Bootle — Kier

Regeneration project by One Vision Housing, Bootle, Liverpool. We were appointed by Principal Contractor Kier BMW to undertake the soft-strip and internal demolition works to Salisbury and Chestnut House, two ten-storey tower blocks close to Liverpool docks.

The works included the demolition of the plant rooms at roof level, demolition of a ten storey concrete stairwell in each block, removal of internal block walls and balconies and demolition of several two storey housing blocks on the same site. The challenges on this project were the high winds during the demolitions at roof level. This was carefully managed to prevent loose items from blowing off the roof, and the removal of waste down to ground level. There was a significant amount of demolition waste within the blocks. Initially, we had to strip out furniture, bathrooms, kitchens etc. These had to be carried to a loading point on each floor and carried down in a hoist and then loaded manually into skips at ground level. The concrete stairs were broken out by a remote controlled demolition robot. The debris was loaded to wheelbarrows and taken down in the hoist. Once the stairwell was removed, this was boarded out by the scaffolding contractor as per designs and used as a rubble chute to ground level for all the demolished blockwork to be dropped into. This activity was very carefully managed with a lock off point at each level and at the bottom, with only one keyholder. This ensured that only one point could be open at any one time. A skid steer loader was used to remove the rubble from the bottom of the chute and load to skips for removal from site.

All the demolition hardcore was recycled. The debris from the low level demolitions (housing blocks) was crushed on site for reuse as a car park for contractors.



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