

Case Study

CHIRK CASTLE - CLWYD

Client: National Trust

Main Contractor: MW Scaffolding Limited



PROJECT SPECIFICATION

Built around 1282-95 Chirk Castle has undergone many changes in its 700 year history before it was finally acquired by the National Trust from the Myddelton family in 1978. Most recently urgent works to repair sections of the failing roof proved problematic in siting and supporting the protective scaffolding.

SOLUTION

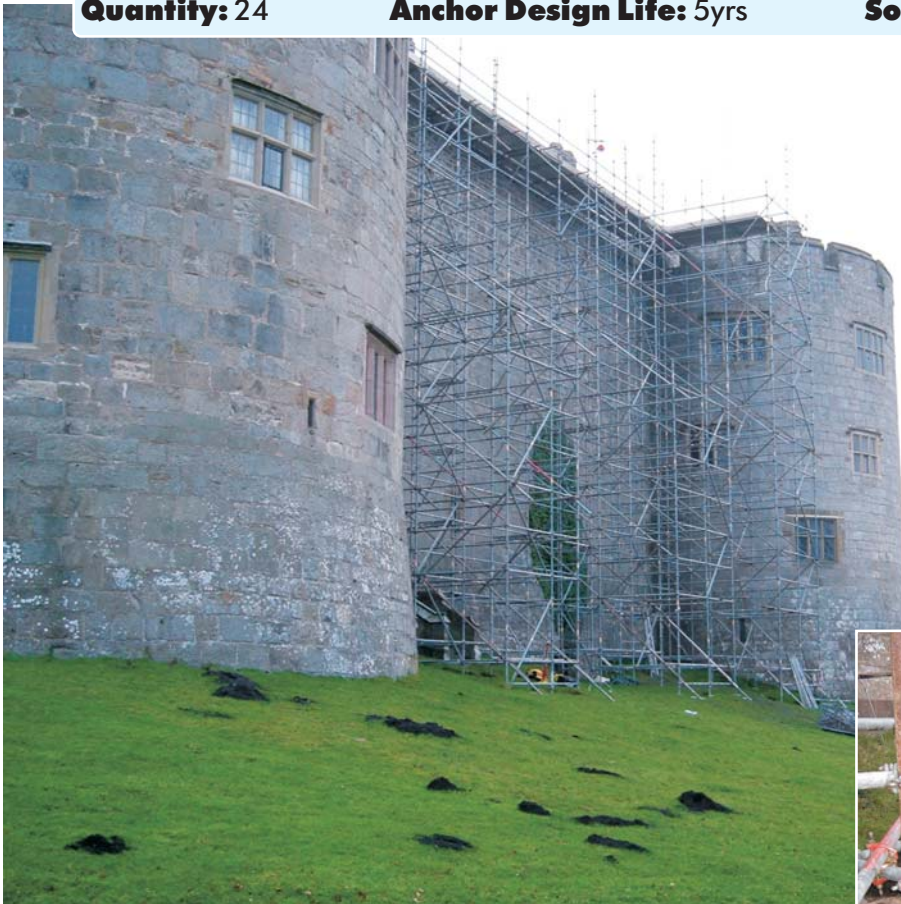
Anchors were driven into the surrounding grass motte to a 1.5m depth by means of a hand held self contained petrol breaker, a process taking around 3 minutes. A simple loadlocking process was carried out before the tendon eye was attached to the scaffolding ledger and a final tension applied. Key benefits of the system are the minimum disruption caused during the rapid installation and of course the anchors immediate loadbearing capability.

Anchor System: S08EA aluminium alloy anchor each c/w 1.5m of 8mm Ø galvanised steel wire tendon terminating with a soft scaffold eye.

Quantity: 24

Anchor Design Life: 5yrs

Soil Type: Made ground



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