

Case Study

National Trust, Tredegar House

Newport



Craftsmen in the
Conservation of
Historic Buildings

Major Conservation Roofing Programme.



Repair and redevelopment of the slate roofs, chimneys and windows of this Grade I listed 17thC stately home managed by the National Trust. Tredegar house is one of the finest examples of a Charles II home in the UK and has origins in the 1500s with the main building 1664 to 1672.

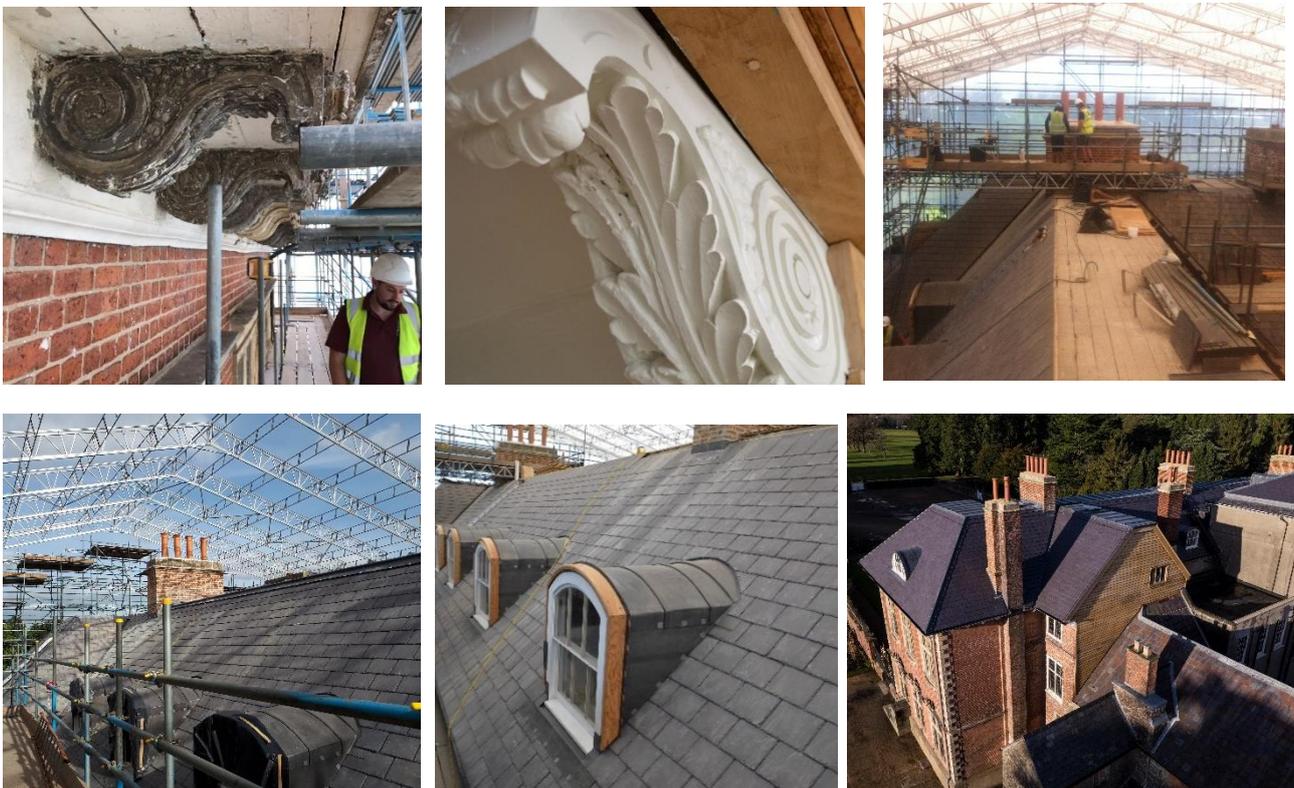
The whole building was covered in scaffold and a temporary roof installed by Penn Mill Scaffolding to make the building watertight during the works (see overleaf). The timber roof structure was repaired, insulated and slated with some 10,000 new delabole tiles (some 35 tonnes of slate). Twelve dormer windows were repaired and new sash windows have been constructed in the Ellis and Co workshop and reglazed with restoration glass. Lead finishings on the roof included windows and access hatch details.



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The chimneys were partially rebuilt and refitted with flues. During structural repairs to the walls a supposed brick wall was found to be an original timber framed construction. The design and programme was adjusted to be true to the original construction by creating a timber-lined rather than lime rendered wall. In addition to roofing, slating, leadwork and masonry repairs the timber repairs include removing paint from the corbels to reveal the decorative carvings underneath and replacing damage elements with newly carved inserts.



This project included a strong element of public engagement with a sign a slate campaign, scaffold tours, and a safe viewing gallery for the general public to see the roofers in action. The million pound project took place between and Oct 2016 and Nov 2017, as designed and instructed by David Sutton architects in collaboration with National Trust conservators and project managers. It was shortlisted for the RICS 2018 Wales award for Heritage and the National Federation of Roofing Contractors 2018 national award for heritage and conservation projects.