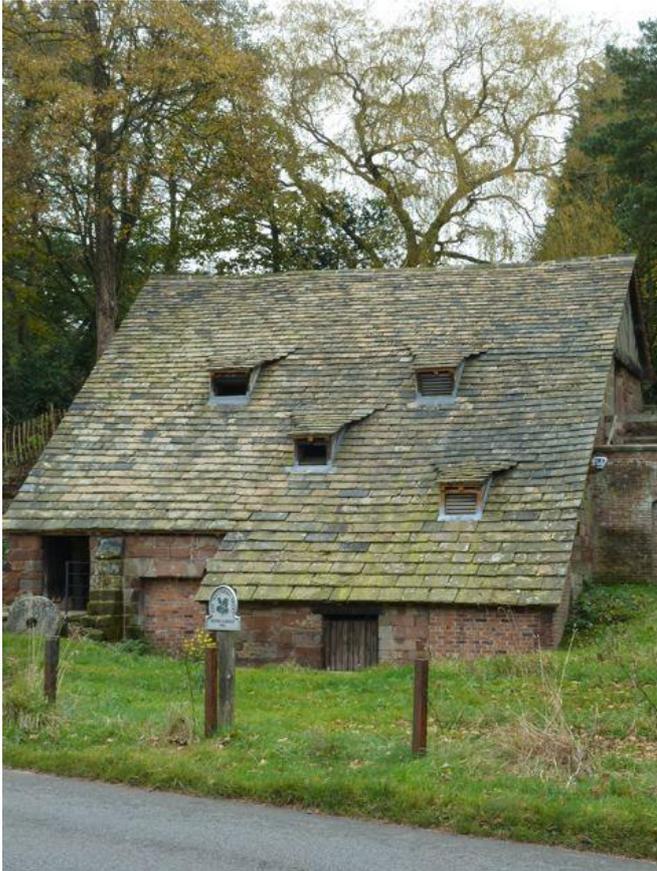


# Nether Alderley Mill, Alderley Edge, Cheshire



## Grade I

**This 15<sup>th</sup> century corn mill with double waterwheel is a fascinating and complex building set out over many levels. It has now been fully repaired and can mill grain for flour once more.**

### Project:

Complete re-roofing, including structural timber repairs.  
Extensive millwrighting repairs.  
Alterations to entrance to allow disabled access to lower levels.

On site Jan-Sept 2012

**Client:** The National Trust

**Contractor:** Lambert Walker with Norfolk Millwright Alliance

### Contract sum:

£273,000 (inc. millwrighting repairs)

## Scope of Project (2007-2012)

- The initial appointment in 2007 to survey the building & prepare a condition report identified significant structural problems with the mill machinery and it's relationship with the roof.
- Funding for repairs was available from 2011 and the NT commissioned works to commence during 2012.

## Scope of Contract Works:

Following a complicated double tendering process for both main contractors and millwrights, Wiles & Maguire oversaw all conservation works to the building. From



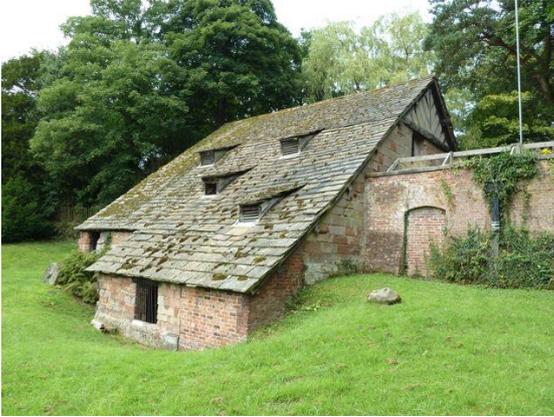
the outset, the brief was for minimum intervention to the historic fabric of the building, and this was carried through with the contractors approach to the repairs.

An extensive temporary roof enabled complete stripping of the slates. A detailed survey of the required timber repairs was done alongside the contractor, and regular visits throughout the complicated programme helped to ensure all new work was to a high standard.

Continues overleaf

Lucy Stewart was project architect for these works whilst employed by [Wiles & Maguire](#) who were commissioned to undertake this work.

## Photographs:



The mill before works had significant roofing issues, with many rafters either bowed or cracked and a very clear undulation in the main roof slope. The main frame had shifted and was misaligned with the stonework below. Most stone slates were salvaged and best conservation principles followed.



The stone slates were stripped, numbered and stored whilst structural repairs were undertaken. They were then replaced in their original positions using new oak pegs. Finally lime 'torching' was used internally to weatherproof the roof.



Specialist millwrights were engaged for a full overhaul of the machinery, with some cracked sections being recast to enable safe running of the waterwheels. Grain can now be milled for flour, a major visitor attraction. New barriers were installed to allow millers to operate safely.

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