

The Rotunda Museum - Scarborough



Project:
The Rotunda Museum

Location:
Scarborough

Client:
Scarborough Borough Council

Consulting Engineer:
Alan Wood & Partners

Project Manager:
Turner & Townsend

Architect:
Buttress Fuller Alsop Williams

Project Value:
£3.9 million

Description:

The Rotunda Museum is a Grade II star listed building described as the finest surviving purpose-built museum of its age in the country. Opened in 1829 to house the important rock and fossil collection of the Philosophical Society. Its design, in particular the central cylindrical drum, was heavily influenced by William Smith, the “Father of English Geology”.

Scarborough Borough Council and Scarborough Museums Trust working in partnership won a Heritage Lottery Fund Award to allow work on the re-roofing of the original exposed stone dome and lead work, installation of a cylindrical feature lift to all principal floors, general stonework repairs and landscaping to the surrounding area.

Alan Wood & Partners were appointed as Project Structural Engineers. We carried out intrusive investigations into the building fabric, designed and supervised the structural

interventions and guided the contractor in the sequence of works.

Our key areas of responsibility were.

- The foundation works with its deep and complex areas of underpinning.
- Superstructure design of the extension and internal lift/stair core.
- Structural repairs to historic timber, metalwork and masonry.
- Re-routing the underground drainage.
- The design of new raised landscaping using lightweight fill above the underground car park.

