

CASE STUDY

Clifford Whitworth Library, University of Salford



University of
Salford
MANCHESTER



AT A GLANCE

Challenges

- Live university site
- Delicate M&E plant
- Narrow access to site
- Compact compound
- Covid-19

Contract

- July 2021 - Nov 2021
- Garland StressPly (tapered design)
- 1,500m² total area

PROJECT

Located in the heart of the University of Salford's central campus, the Clifford Whitworth Library is a focal point of activity for Salford's students. Acting as principal contractor, we provided the university with risk assessments, method statements, a programme of works, and site-specific designs for the mechanical and electrical package. We ultimately ensured a safe and competent complete re-roofing scheme to an aging roof.

CRITICAL M&E UNITS

The project entailed the installation of the Garland built up bituminous roof system, designed with tapered insulation to allow rainfall the chance to flow to the internal gutters as the roof had experienced ponding, putting the library at risk. We were tasked with the complete removal of the old waterproofing system and disconnecting and reconnecting vital M&E units. A main challenge of this project was the handling of the AC units as they could not be powered down throughout the works. These units cooled the internal data storage centre so we had to be careful when working around them, ensuring their integrity at all times. The client received a full guarantee of up to 20 years and our works were successfully signed off in time for the students return.

CONSIDERATE CONSTRUCTORS



One of the requirements of this project, set by the university, was to be part of the Considerate Constructors Scheme whereby we were scored on five codes of practise: appearance, community, environment, safety, and workforce. We were visited by an inspector and successfully adhered to these codes, giving us the opportunity to 'raise standards in the construction industry'.



"There is an expectation of safety standards being high and initiatives being in place to drive continuous improvement. The team seem to be keeping the university fully informed of their progress and forewarning them of any potentially disruptive works."

Colin Birkett (Monitor)
Considerate Constructors
Scheme