

THE STOREY INSTITUTE

- using 3D Laser Scanning

The Aird Group required detailed dimensional information and elevations of the Story Institute Building at Lancaster for the Local Council as the building was going to be refurbished.

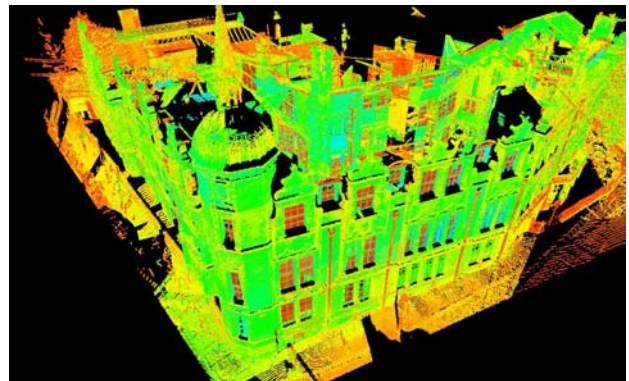
ScanTech International carried out a laser scan survey of the building including all the rear elevations. The resulting point clouds were registered together and tied into the PGMs provided by the Aird group.

This was achieved in ten hours on site with the majority being spent in the rear of the building. It would have been extremely difficult to capture this information using traditional surveying techniques and would have required approximately 3 weeks effort on site

ScanTech provided a 3D-wire frame model of the Building as well as the more typical 2D AutoCAD elevation drawings within two weeks of completing the scans.



Photograph of the Building



Scanned Images of the Building