

STALLINGTON HOSPITAL DEVELOPMENT

- using 3D Laser Scanning

The Aird Group required detailed dimensional information and elevations of Stallington Hospital for the developers as the building was going to be converted into flats.

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 twelve hours on site with the majority being spent in the rear of the two buildings. It would have been extremely difficult to capture this information using traditional surveying techniques and would have required approximately 3-4 weeks effort on site.

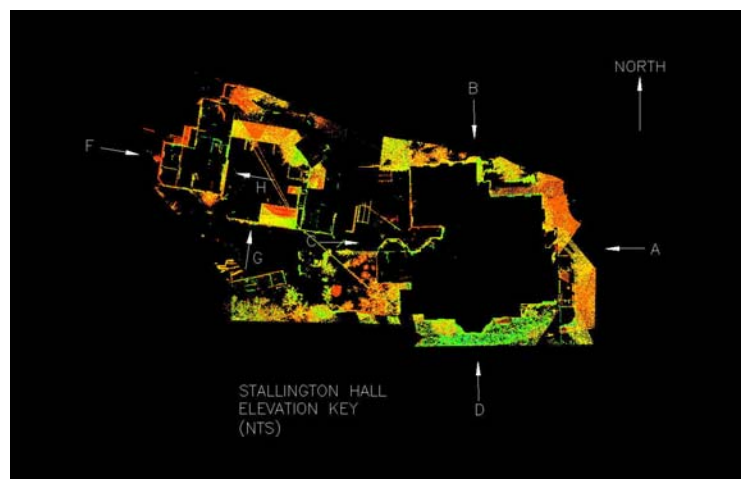
ScanTech provided a 3D-wire frame model of the Building as well as the more typical 2D AutoCAD elevation drawings within two weeks of completing the scans.



2D Elevation Drawing



Photograph of the main building



Scanned section thro the buildings to give footprint