



Project

East Range Project, Mansfield College, Oxford

Client

Stepnell Limited

Summary

We successfully carried out the design & erection of temporary propping to support the historic building. The temporary support design and installation had to facilitate the demolition and then allow for the new foundations and steel work to be constructed.

Challenge

The East Range is an ornate stone building and the section that had to be supported houses a highly decorative painted wooden ceiling. With this in mind the movement tolerances that were set by the professional team were extremely tight – the building was under constant monitoring with the use of a total station and no movement of more than 5mm was permitted.

Outcome

All demolition was achieved with no damage to the adjoined historic college. All waste was segregated on site and taken for recycling. All works were executed within the agreed deadlines and the client was very impressed with the site team. From the time of installation through the construction period and finally the removal of the props and needles a maximum movement of 0.5mm was recorded.

Speak to our divisional manager

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