

Project Profile: Laboratories



Structural/Civil Engineering

Babraham Research Institute, Cambridge

The extension at Babraham Research Institute was specially built to be independent of the existing building, to avoid transfer of vibration, at all stages of construction.

Client

Babraham Research Institute

Architect

Archial

Scott White and Hookins have designed a number of new and extensions to existing laboratory buildings at Babraham.

Generally, construction of the super-structure consists of reinforced insitu concrete and steelwork framing.

Due to the occupation and scientific experiments being undertaken there is a very low tolerance for vibration and noise adjacent to one of the buildings being extended. We have therefore had to carefully consider the sequence and form of construction to avoid vibration being transferred into the existing structure. In effect we have designed the extension to the building to be independent of the existing one and detailed measures to avoid transfer of vibration at all stages of construction.

