

# CARDINAL HUME



**CLIENT:**

**Cardinal Hume**

**PROJECT VALUE:**

**£2.5 million**

**PROJECT DETAILS:**

The project involved the extension of the existing building to create a fitness suite and female changing area on the first floor, with gymnasium and male changing on the ground floor. The gym and fitness suite are also fitted with specialist flooring to allow various activities to be carried out. The steel frame was designed with the dynamic effects of the first floor fitness suite as a consideration and any effects they may have on plant etc suspended below. An extensive structural survey of the existing building was undertaken to ensure the structural interfaces between new and old were successfully completed with minimal disruption the school and also the construction site.

The design was carried out in a live environment and the steel frame and other structural elements were designed with this in mind and materials handling was a pertinent consideration. The bus drop off area was also reconfigured as part of the project.

