QMUL Aeronautical Department

LOGAN CONSTRUCTION

Higher Education / Refurbishment

Key Features:

- Construction of a new steel frame mezzanine
- Works delivered within a live University setting
- Sensitive research equipment adjacent

In order to provide the Queen Mary University London Aeronautical department with enhanced research space, we delivered a new extension to the current facility.

New steel frame mezzanine

Situated within the fully occupied Engineering Building, we strengthened the existing basement area structurally below before building a new steel frame mezzanine floor.

Now complete, this new mezzanine floor paves the way for a robust new suite of research areas to facilitate the highly sensitive equipment needed by the department.

Delivering for the department's unique requirements

In order to provide a compliant new mezzanine floor that could house the highly sensitive research equipment, we coordinated the delivery of a bespoke design for the University.

As agreed with the University Project Manager, we mounted the mezzanine floor on anti-vibration pads to mitigate the issue with the tube line 15 metres below the site area.

Construction within a live University setting

Work was carried out whilst the building was still in use and we understood our responsibility to safeguard the ongoing research and teaching facilities. Therefore, we provided a logistics plan and phased programme that was targeted at minimising any potential disruption. Live work was segregated from the in-use facilities, with students decanted into suitable research/ learning areas. This ensured their safety, whilst continuing to provide them with a tranquil setting in-which to learn.

Client:	Queen Mary University London
Project Value:	£850,000
Programme Duration:	10 weeks
Architect:	Queen Mary University London
Quantity Surveyor:	Queen Mary University London