

The Lighthouse Building, Kings Cross, UK

CDM-SEB



Client
Main Contractor
Architect
Structural Engineer
Acoustic Consultant
Details

UK Real Estate
Balfour Beatty
Latitude Architects
Ramboll
RBA Acoustics
10Hz CDM-SEB bearings >25MN
> 50 no. other isolation details

• The Lighthouse Building is directly adjacent to Kings Cross Station. It is built directly on top of the cut-and-cover district and circle line underground railway lines. The noise levels from trains running beneath were extremely loud in the existing building and not suitable for any modern-day function.

• The new owner wanted to turn the building into high class office space but also needed to retain the listed facade and distinctive lighthouse feature.

• CDM-UK worked with the design team to develop the isolation strategy to achieve acceptable internal noise levels whilst still supporting the non-isolated retained facade.

• The finished building is a distinctive and beautiful landmark building that has achieved the required internal noise levels and delivered the customer a highly sought after office space.

Picture of the Lighthouse



Picture looking back towards St Pancras

Building

Project Reference