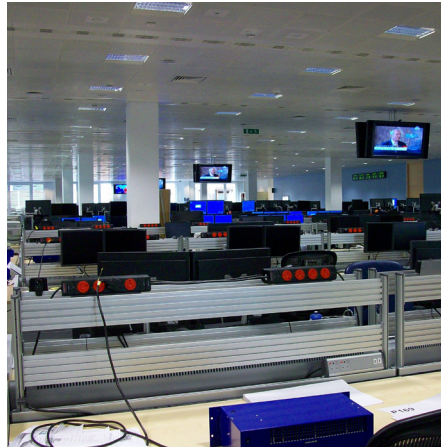


20 MOORGATE LONDON EC2R 6DA



Project Profile

The project involved the refurbishment of the 2nd, 3rd, 4th and 7th floors of this building to provide new facilities to accommodate 500 new Trader Desks

Green Building Design was employed by JP Morgan to provide the Mechanical and Electrical design element for this project in the City of London.

The project involved the retention of the existing services as much as was possible.

The additional trading desks drew a significant amount of power and produced a large amount of heat. To prevent discomfort to the traders, Green Building Design designed a system with fan coil units within the floor void to provide cooling directly into the desks.

A new electrical changeover panel was installed to improve the resilience of the system. The electrical system was reconfigured to prevent the existing building generators being overloaded.

Key Features

- Total area of works approximately 6000m².
- Provision of desks for 500 new traders moving from subsidiary company.
- New changeover panel installed to improve the building resilience in the event of power failure.
- Electrical system reconfigured to minimize the chance of the existing building rotary UPS being overloaded.
- New floor mounted fan coil system provides direct cooling into trading desks minimizing draughts and discomfort to traders.
- Congested floor void contained fan coil system, power supply and large amounts of data cabling and required careful co-ordination.
- New telepresence rooms allow video-conferencing with offices worldwide.

PROJECT VALUE: POA

CLIENT: JP Morgan