



# Bespoke lighting, sound and access systems

Crown Estate, 16 St James Street, London

## Highlights

Following our Mechanical & Electrical Division's successful work for the Crown Estate when we replaced boilers at 16 St James Street, our client commissioned our Heritage and Specialist M&E teams for a high end refurbishment at this Grade A office building in one of London's most prestigious postcodes.

The Axis M&E and Heritage teams relocated the reception desk, stripping out existing cabling and installing new cabling to serve the desk's electrical provision. Small power and data/Telecoms provision was installed to follow the same method of containment, extending the existing floor trunking.

New entrance doors were fitted together with supporting power and interfacing with the fire alarm system. The front external entrance door was fitted with a new magnetic lock to provide secure access/egress to the main building, together with a manual override switch located at the reception desk to allow the doors to be abled and disabled.

## Specifications

- Mechanical and Electrical Services
- Plinth Heater (Kickspace heater electric with black coloured grille)
- Desk power – 2no. freestanding c/w 1m mains lead to 3 pole connector INCA power & USB charging desk module by CMD. A mains lead cable entry/exit installed via a stainless steel cable brush plate fixed to the desk service zone.
- Telecoms – BT master/slave outlet fitted
- Wireless access point/router

£345,000 value

9 months duration



New lighting pendants and wall washers, linear down lights and emergency lighting were installed within the double height reception space. Continuous LED linear uplighting was installed across the lift doors and along the door leading to the back of house lobby. LED linear lighting was installed to the reception desk at low level front and sides and to highlight the new Suttonca feature wall. Blacklit lighting was installed to highlight the Carrera marble cladding to the existing column. Control of the reception area's functional and emergency lighting is carried out by Simmtronic SPECS3 intelligent Lighting Control system which consists of a combination of area controllers on each floor alongside Lighting Control Modules.

A single zone background music system was installed to provide coverage over a small seated area adjacent to the reception desk. To contain the sound (and to accommodate the acoustic impact of floor-to-ceiling height and solid marble floor), a minimal quantity of speakers was installed and determined by an edge-to-centre speaker arrangement. A SONOS system was installed under this project: our client's preference is to provide music from separate devices or a dedicated music playback device.

A new ceiling system and luminaire scheme was installed in the remodelled areas. The fire detection and alarm systems were modified to suit the new ceiling arrangement. detectors were installed at ceiling slab level and fixed to the ceiling raft.



## Contact

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