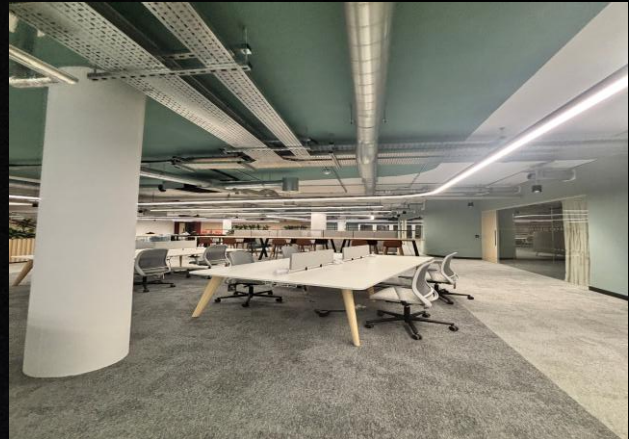


Our Projects



Clarke House

Complete Mechanical & Electrical Services Package including LV Distribution, VRF Heating & Cooling, Ventilation, Public Health Services, Intelligent Lighting Controls, Life Safety, Security Systems and EV Charging Infrastructure

- Design coordination, installation, testing and commissioning of the complete mechanical and electrical services installation for the refurbishment of Clarke House.
- Installation of a new 1MVA low voltage electrical infrastructure, rising busbar system and 23 distribution boards serving landlord and tenant areas, mechanical plant and life safety systems.
- Installation of heat recovery air handling units, fresh air supply and extract ventilation systems serving office space, café, gym and back-of-house areas.
- Installation of a Variable Refrigerant Flow (VRF) heat recovery system providing efficient heating and cooling throughout the building, complete with roof-mounted condensers, indoor fan coil units and branch controllers.
- Installation of domestic hot and cold-water services, including cold water storage, domestic hot water generation, circulation pumps, leak detection and automatic isolation valves.
- Installation of local extract ventilation systems serving toilets, kitchenettes and welfare facilities.
- Full integration of all mechanical services with the Building Management System (BMS) to provide automated monitoring, energy management and environmental control.
- Installation and commissioning of a DALI intelligent lighting control system incorporating occupancy sensors, automated lighting control and emergency lighting interfaces.
- Installation of dedicated life safety electrical infrastructure including UPS systems supporting emergency lighting, refuge communication and critical building services.
- Installation of 24 twin 7kW electric vehicle charging points complete with load management infrastructure.
- Installation of integrated access control, CCTV, intercom, refuge communication and fire exit door alarm systems.
- Full testing, commissioning, certification and handover of all mechanical, electrical and public health systems.

Value: £4,050,000.00