



## CASE STUDY



### Services

Mechanical Services, VRF FCU's, Comms Room, Gas Suppression, Heat Recovery Air Handling Units, Toilet Ventilation, Electric Panel Heaters, Plumbing and Public Health services, associated sanitary ware and a new rainwater system.

### Client

Collins Construction

### Project

Building 220, Winnersh Triangle Reading

### Value

£2.0m

### Duration

30 Weeks

### Description

The office floors Ground -2<sup>nd</sup> have been served by ceiling mounted horizontal chassis VRV fan coil units connected via insulated secondary supply ductwork to linear slot type diffusers that supply air into the office space thus providing an environment that is free from uncomfortable air movement.

Part of the Client's Brief was to design a system that would allow the floors to be controlled from individual controllers /floor that would also then allow additional zone control to satisfy the requirements of a multi tenanted office space

The AHU plant at roof level provides Heat Recovery to both North & South Risers, these units are also provided with DX coils for cooling to work in hand with the VRF system.

To facilitate the available occupied space within the building, the project was completed successfully within a phased programme, this to manage the decant operations to satisfy the clients requirements.

### Key Features

- Independently controlled services at tenanted levels.
- Phased programme within occupied spaces
- Featured landlord's reception area.
- Roof mounted acoustic enclosure, containing external AC condensers.
- Roof located tank /cold water booster set.
- Cat 5 booster set for landlord's future irrigation.
- BREEAM requirements for water leak detection.
- Comms room CRAC units.

## SALE SERVICE & MAINTENANCE LTD

Group House, Albion Road, Reigate, Surrey RH2 7JY T 01737 226711 F 01737 224573 E info@salegroup.co.uk www.salegroup.co.uk

Registered No: 4121857 Registered Office: The Orchard, Deanfield, Saunderton, Buckinghamshire HP14 4JR



Mechanical & Maintenance Services



**CASE STUDY**



Architect  
Contract Manager  
Mech Consultant  
Main Contractor

EPR assoc  
Eddy Lanegan - Sale Group  
Blyth & Blyth /Sale Group D&B  
Collins Construction Ltd

**SALE SERVICE & MAINTENANCE LTD**

Group House, Albion Road, Reigate, Surrey RH2 7JY T 01737 226711 F 01737 224573 E info@salegroup.co.uk www.salegroup.co.uk

Registered No: 4121857 Registered Office: The Orchard, Deanfield, Saunderton, Buckinghamshire HP14 4JR



Mechanical & Maintenance Services