



**CASE STUDY**



**Services**

Floorplate services: Chilled Water, Heating, Primary and Extract ventilation, secondary air, local extract. Domestic services and public health. BMS upgrade, new network wiring and fan coil controls, Tridium connection to the main front end in the Selfridges store facilities.

**Client**

Selfridges

**Project**

Nations House, 103 Wigmore Street W1.

**Value**

£2.1mil

**Duration**

20 months, latter phases not continuous.

**Description**

Levels 4-8 Cat B

Provision of new perimeter run LTHW/CHW services in bespoke joinery to serve new 4 pipe fan coil units for cellular and open plan offices.

Primary air extended from the existing external column risers with bespoke slot diffuser layouts in architectural enclosures. General extract and local extract fans.

Level 8 Cat B

As levels 4-7 but fan coil units were ceiling mounted.

Levels 4-8

Complete refurbishment of the landlord's toilets and cleaners cupboards, new public health and domestic services from the risers.

New tea points to each demise.

Level GF West – Cat A

New fan coil units and connection to existing ductwork and associated heating and chilled water pipework. New secondary ducts diffusers and plenum boxes.

New tea-point services and waste pump.

Level GF/1 – East

Strip out and enabling adaptations to existing services for McAlpine to develop the clients new staff entrance foyer area to the main store.

Levels 1-2

Replace all fan coil unit controls and network wiring to current Trend Eco controllers, overhaul existing fan coil units utilizing spares from previous floors. Replace filters. Backflush all fan coil units and dose.

Clean ductwork. Replace secondary duct work and diffusers for new swirl diffusers and perimeter slot diffusers.

On completion of each phase all works have been fully commissioned in accordance with BISRIA and witnessed by the client and their respective representatives.

**SALE SERVICE & MAINTENANCE LTD**

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



Mechanical & Maintenance Services



## CASE STUDY



### Key Features

#### Levels 4-8

Innovative design development with Focus FM, Diffusion and Brooke Air to provide a low level perimeter fan coil unit with mini swirl diffusers and joinery slot diffuser in a furniture enclosure. Onsite testing with vapour pens and air volume/flow testing to provide detailing for the correct airflow pattern to serve the cellular spaces.

### Architect

Alex Cochrane Architects

### Contracts Manager

Wayne Collisson

### M & E Consultant

Focus FM Levels 4-8. Design Brief. Design – Sale Service & Maintenance/Synopsis Consultants

GF West - Design – Sale Service & Maintenance/Synopsis Consultants

GF East (Reception by others)

Levels 1 and 2 – No Design – Upgrade of controls to all existing fan coils/network

### Main Contractor

BW Interiors

### Client Comments

"I would just like to say well done and thank you, once again we have all demonstrated that with hard work and determinations it is possible to handover 4 floors almost defect free on time and to a very high standard.

Today we successfully handed over the final phase of Nations House with an extremely happy client, who commented on how it has been a real pleasure working with us all and wished all her project run as smooth.

Once again well-done for all your hard work and please pass on my thanks to your team.

Many thanks,

**Paul Kavanagh**  
Contracts Manager  
**BWI"**

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