



# Retail Projects

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This document contains a selection of recent and current projects carried out by Norstead



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# Norstead Projects

## Debenhams Store

£1.4m

### Basingstoke

Providing a full compliment of mechanical services such as :

A complete Mechanical Services Installation comprising of 9 No. roof mounted air handling units complete with DX heat pump condensers or integral gas burners. Air is duct distributed to the Sales, Kitchen & Restaurant and back of house areas to satisfy the Clients heating and cooling requirements. There are also localised heat pump condensers / fan coil units to serve small individual areas.

All plant is monitored and time controlled by the building management system to achieve optimum performance. The BMS also controls the domestic hot water plant and smoke extract system. A domestic water distribution system and drainage system has been installed to supply hot, cold and mains water to all areas of the store.



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# Norstead Projects

## Debenhams Store

£2m

### Reading

Full mechanical service to a prestigious retail store which anchors the new complex within reading City Centre. The retail area is fully air conditioned via 9 No roof plantroom air handling packages with distribution via a network of low velocity ductwork and ceiling diffusers. The extract / recirc element of the system caters for the stringent fire strategy of the complex and an intelligent building management system ensures the agreed strategy is performed by all the relevant plant as well as providing comfort conditions at all times within the store.

Other areas such as restaurant, cafes, and staff areas are also air conditioned by individual & VRV systems.

General building services such as traditional ventilation, hot and cold water services, sanitaryware and associated plumbing installations were also installed as required to restaurants, cafes, staff and customer wash facilities.



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# Norstead Projects

## Ikea Store

£1.2m

### Leeds

Mechanical Services Trade contractor responsible for the installation of mechanical services to this multi-phased project comprising of new offices, restaurant, toilets, entrance and showroom extension to an existing trading store.

Services installed included:-

- New Activent ductwork system to showroom and restaurant
- New HWS cylinders and hot water distribution system
- New VRV air conditioning to offices
- Entrance and kitchens
- New G.A.H.U. plant

BMS Upgrade to existing system to cover all new items of plant



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