



Commercial Projects

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



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Norstead Projects

BNS Telecom

£240k

Prudhoe, Northumberland

Design, supply, installation of full mechanical services to this new 4-storey office development including entrance atrium and car park etc. Services included VRV air conditioning, ventilation systems, automatic controls, public health, domestic services, external services and testing / commissioning.



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Norstead Projects

Canary Wharf

£5.3m

HQ1 London

Shell and Core Mechanical and Public Health Services Installation to a prestigious office development for Canary Wharf Contractors Limited.

The installation includes heating, cooling, condenser water, gas, boilerhouse systems, low pressure hot water pipework systems in this high rise development.

The interesting and challenging factor of this project is the scale of the installation which includes 600mm diameter pipework in the basement and roof areas with interconnecting risers. We have prefabricated the majority of the installation to expedite installation and maximise fire safety at site. Additionally, we have won the safety award on this project.



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Isleworth Crown Court

£4.9m

Middlesex

To supply and install all mechanical and electrical services associated with six new court rooms to the new extension of the existing court house.

The works also included backlog maintenance and improvement works in the existing building in all areas including the eight new holding cells, judges retiring area and the existing seven Courtrooms.

Complete new Fire Alarm system with PAVA voice notification, CCTV and BMS control systems were installed and combined throughout all areas of the building.



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Northern Rock Plc

£6.5m

Newcastle upon Tyne

The Scheme comprises the development of a new ten storey office block and two storey link building providing 16500m² of high quality commercial office accommodation. The building is to be concrete frame construction with glass and brick façade and is the centre piece of Northern Rock's campus and will be their new corporate headquarters.

Norstead are responsible for supply, installation, test and commissioning of the full Mechanical and Electrical Services package with responsibility for the co-ordination of these services utilising extensive computer modelling techniques to achieve in conjunction with the design team a modern energy efficient building form/façade.

Electrical works include a new HV/LV package Switchboard with rising main bus bar, low energy efficiency general lighting and power, data, CCTV, Access control and intruder alarm systems.

Mechanical services include ventilation with comfort cooling, trench and underfloor heating, domestic hot water with solar water-pre heating, natural gas, building management system and acoustic works.



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Norstead Projects

Quorum 8

£1.34m

Balliol Business Park, Newcastle

The installation of M & E services to a new 3 storey building providing 100000 sq ft of high quality commercial office accommodation.

The installation consisted of :-

Electrical

LV distribution, lighting, emergency lighting, lighting control, small power, disabled alarms, auto window ventilation system, fire alarms and external feature and car park lighting.

Mechanical

Heating and cooling via 4 pipe fan coil units with externally mounted air cooled chillers and roof plant room boiler plant controlled via a BMS system designed to give maximum flexibility to future tenants. Under floor heating, sanitary ware and drainage installations.



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Seacourt Tower

£1.35m

West Way, Oxford

To provide heating, cooling and ventilation to new East Wing via 4 pipe fan coil unit system, inclusive of all new capital plant and BMS controls system. Services / plant / services included the following :

- Chillers
- Boilers
- Air Handling Units
- Primary and secondary pumps
- LHTW and Ch. W distribution pipework
- 4 pipe fan coil units
- Primary and secondary supply and extract air systems
- New sanitary ware and associated plumbing and domestic services

Provision of VRF system to existing North and West Wings inclusive of primary and secondary supply and extract air systems.

Refurbishment of existing tower core toilets inclusive of all public health and domestic services.



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Norstead Projects

Unilever

£1.6m

Sharnbrook, Bedford

New Build – Buildings 20, 28, 50 – This project was undertaken on a phase by phase basis, with each of these requiring existing services to be either removed or relocated along with new installations as directed by the Main Contractor & Client. These involved specialist Laboratory Fume Extract, Specialist Laboratory Medical Gas Systems, as well as traditional mechanical and electrical systems. All of these were strategically installed to accommodate the least disruption to the client.

Due to the original nature of the installation of the mechanical & electrical installation it was necessary to enter areas occupied by the client. These were carried out in an agreed manner working to pre-arranged procedures.



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