

Best Practice at Farringdon – Energy

The introduction of energy saving portable cabins

Overview

Too many buildings are environmentally inefficient and do not make best use of limited resources such as energy and water. The energy used in constructing, occupying and operating buildings represents approximately 50% of greenhouse gas emissions in the UK.

At Farringdon we are constantly seeking ways to maximise sustainability and minimise environmental impact.

Sustainable water and energy management practices contribute positively to the objectives of sustainable development.

Measures have been considered and implemented to enable the Farringdon project to achieve both resource efficient practices and innovative solutions.

These measures enable compliance with the Thameslink programmes environment and sustainability objectives and targets.

Innovation

The Elliott Hire Eco-Office range of portable buildings has been specially researched and developed to help users reduce energy consumption and benefit from lower energy costs. All of these temporary buildings have an Energy Performance Rating of B. The Eco-Office range of temporary accommodation has potential energy savings of up to 74% and savings in water of up to 91%.



Our commitment to sustainability is shown by providing this range of specially developed cabins that include a number of energy saving features to reduce energy costs and providing comfortable surroundings for our workforce.

These cabins are located in Smithfield compound and include:

Eco kitchens that are fitted with:

- Low voltage extraction,
- Non-concussive taps to hand wash basin,
- Energy saving water heater
- PIR lighting
- Pre-plumbed, with all electrics and gas to allow for any layout of installation
- Extra installation to walls



All welfare facilities have been retro fitted with:

- Energy saving water heaters
- Grade A fridges
- PIR lighting
- Toilet facilities have non-concussive taps fitted to hand wash basin
- Timed flush urinals

Benefits

- Maximise sustainability
- Minimise environmental impact
- Reduce energy consumption
- Efficiently using energy, water, and other resources
- Protecting occupant health and improving employee productivity
- Reducing waste, pollution and environmental degradation
- Improves corporate image

Targets and Objectives

The introduction of white noise alarm systems on the Farringdon project has helped us meet our targets and objectives in the following areas:

- CEEQUAL – water resources and the water environment, energy and carbon
- Farringdon SDC strategy – water resources and the water environment, energy and carbon
- Farringdon Targets and Objectives – restrict carbon emissions

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