

# Capital East

**Project name:**

Capital East, Royal Victoria Dock, London

**Project type:**

New build – residential

**Client:**

Barratt Homes (East London)

**Architect:**

Squire and Partners

**M&E Consultant:**

Whitecode Design Associates

**Service(s) provided:**

- Design, supply, installation and commissioning of:
  - Fan assisted system
  - Natural venting system
  - Integrated smoke detection/ fire alarm system
  - Impulse car park ventilation system
  - Environmental climate control system

**Capital East is one of the single largest redevelopment projects in London's thriving Docklands area. Located on the vibrant Royal Victoria Dock, it offers exclusive waterside living, with over 700 stylish one, two and three bedroom apartments.**

**In total, the prestigious scheme features nine ultra-modern glass-walled buildings, ranging in height from nine to 18 storeys, with a three level car park extending below. Situated adjacent to the ExCel exhibition centre, the three acre site benefits from the Docklands' infrastructure and close links to key parts of London.**

Fire Design Solutions designed, installed and commissioned a comprehensive fire and smoke safety package. This included natural and mechanical smoke ventilation, a smoke detection/fire alarm system and impulse car park ventilation system.

As the only company capable of delivering such a fully integrated turnkey solution, Fire Design Solutions' unique holistic approach to fire and smoke safety system design offered Barratt Homes a range of benefits including significant cost and area savings.

The three level underground car park is ventilated by Fire Design Solutions' impulse ventilation system. Compliant with Approved Document F and Approved Document B, the system uses CO detection for efficient environmental control, and heat detection for smoke ventilation in the event of a fire.

152/154 London Road, Greenhithe, Kent DA9 9JW

Tel: +44 (0)1322 387411

Fax: +44 (0)1322 386361

Email: [info@firedesignsolutions.com](mailto:info@firedesignsolutions.com)

[www.firedesignsolutions.com](http://www.firedesignsolutions.com)



**firedesignsolutions**