



Project: Riverside House

## Riverside House

<b>Project:</b>	Riverside House
<b>Location:</b>	London, SE1
<b>Product:</b>	Multi-Service Chilled Beam
<b>Quantity:</b>	3,500 metres
<b>Value:</b>	€3,000,000
<b>Manufacturing Programme:</b>	Nov 2001 to March 2002

Passive Multi-Service Exposed Beam design set out by the Architects RHWL and Services Consultants GW Partnership for the new offices for the Financial Times on the south bank of the Thames, adjacent to Southwark Bridge Road. Bovis Lend Lease appointed Trox UK after a competitive tender bid to design, develop, project manage and supply approximately 3,500 metres of beams.

Following design approval, samples were manufactured. A building module mock up was built in the test facility at Trox in Thetford with thermal and lighting performance test. Cooling duty was approx 220 W/m.

The beams are constructed of aluminium extrusion with light fittings either side of the beams, and cooling coils mounted above a perforated central face. They were provided in various lengths from 4.225m to 1.9m to suit the building layout. All beams provide cooling, lighting and have lighting control units mounted within them. They have provision for sprinklers to be mounted at regular intervals along the beam.

The factory assembled Multi-Service Chilled Beams were delivered to site in returnable crates for protection and ease of handling by the site crane.

