

WINNER

Prize of the Public



Centre Point - London, United Kingdom

Owner *Almacantar*
Architect *Rick Mather/ Conran*
General Contractor *Multiplex*
Engineering Office *Pell Frischmann*
Construction Period *10/2014 - 07/2017*

Centre Point is an icon in the heart of London. Built in the 1960s, it was one of the first skyscrapers in London and is now Grade II listed reflecting its technological and historic importance. The building is currently undergoing a large-scale transformation, engineered by Pell Frischmann, converting the former office into 21,000 sqm of luxury residential units and 7,500 sqm of prime retail space which surrounds a new square to a major new station entrance to the Elizabeth Tube Line which opens in 2018. The project consists of the refurbishment of three existing buildings including the main tower and the construction of a new 8 storey residential building.

Some of the interesting challenges were a new piled raft design to limit ground pressure on the new Elisabeth tube tunnel. Removal of two entire floors of the annex building to enable double height retail spaces around the new square while the apartments above the works were inhabited. Façade retention at level 33 and 34 of the tower to replace the existing plant area floors with new shallow PT floors increasing headroom to the new apartments. We believe that in doing so we achieved the worlds' highest façade retention. Major alterations to the stability system of the buildings and temporary sequencing was assessed using construction stages analysis.

Pell Frischmann

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Pell
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Pell Frischmann are a multi-disciplinary engineering consultancy practice, who set out to challenge the conventional role of the engineer in the traditional design and construction process enabling our clients to achieve their ambitions.

In recent years, the firm's consultative approach to resolving highly technical projects has been widely recognised and celebrated in the industry through project awards such as the Institution of Civil Engineering Excellence Award, the SCIA awards, the Institution of Structural Engineers Awards and nominations for the Stirling Prize which recognizes the UK's best architecture.

