

**Project**  
Southbank Place, London SE1

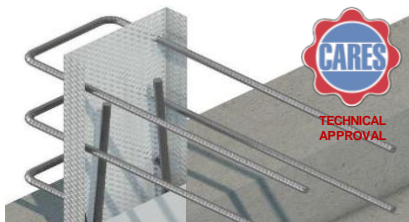
**Client/Main Contractor**  
Canary Wharf Contractors

**RC Frame**  
Expanded Structures

**Architect**  
Squire & Partners

**Engineer**  
WSP

**Product(s) supplied**  
FERBOX® Reinforcement  
Continuity System



**About Invisible Connections**  
Invisible Connections is the registered trademark of Invisible Connections AS, Norwegian developer of telescopic connection systems used worldwide. The ETA approved connectors solve two key construction applications; ‘invisible’ connections for precast staircase construction and ‘invisible’ connections for precast beam construction.

To enhance its offering to the UK market, Invisible Connections Ltd also supplies the CARES approved FERBOX reinforcement continuity system, which is bespoke manufactured for in situ concrete connections.

Our products appeal to precast concrete manufacturers and in situ concrete frame contractors who appreciate the fuss free ease with which precast or in situ elements can be connected.

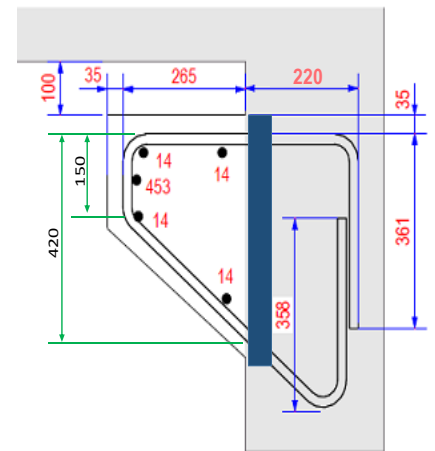
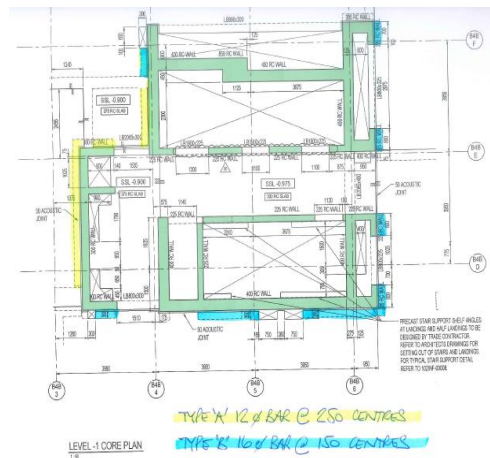
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**Project description**  
Southbank Place is a masterplan designed for the site of the former Shell HQ in one of London’s most iconic cultural locations on the South Bank of the River Thames, overlooking Jubilee Gardens and the London Eye.

**Our role**  
Having already been engaged with the project for the supply of our telescopic connectors, we were invited by Expanded Structures to assist with a complex reinforcement continuity strip design which the existing supply chain was unable to help with – namely two bespoke corbel details.

**Application**



**Outcome**  
As a specialist manufacturer, we explored all aspects of what initially looked an improbable design. Working closely with the project’s Senior Engineer we carried out a series of bar calculations and test bends before arriving at a bar profile and casing size, that, whilst pushing the boundaries of manufacturing feasibility, did provide the solution the customer was keen to achieve.

**Product**

