

5 Broadgate, London, EC2

John F Hunt



British Land



£6.5m



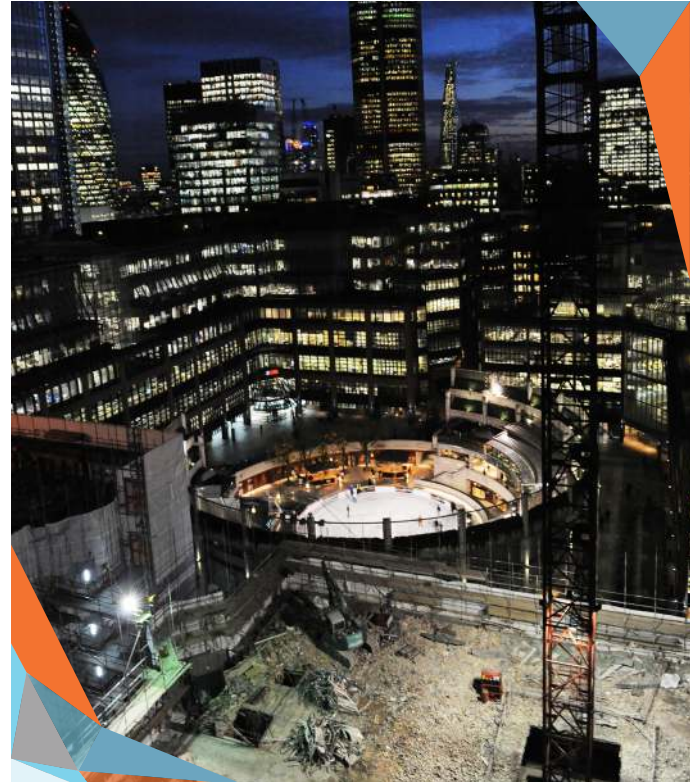
70 weeks

Project Overview

This high profile project direct for British Land represented the first buildings to be demolished within the iconic 1980's built Broadgate Circle. As the original headquarters for UBS, ICAP and Deutsche Bank, the lightweight, steel framed, marble clad structures were located adjacent to Liverpool Street Station.

The 'composite floor' was one of the first of its type and featured large floor bay spans, low ceiling heights and an external façade consisting of stone clad panels. Demolition of the two 8 storey blocks that integrated with neighbouring buildings at podium level.

Demolition to sub basement level included the exposing and retaining of existing steelwork for new construction.



Challenges

Part of the building incorporated the TfL turning circle for buses, therefore the design and installation of extensive temporary works, enabled demolition to continue without any disruption to the bus services, and the thousands of members of the public that used them daily.

Two Wolff 500B luffing jib tower cranes were installed to the centre of each building to service the demolition works and lift the 10T excavators into place.

The recyclable demolition arisings were processed within the extensive basement area and a pile mat was designed to stand over 9m high, incorporating Geotextile so that the face was only 10 degrees from vertical.

The depth of pile mat stood from the B2 level back to ground floor.

Achievements

Awarded the prestigious Considerate Contractors Gold Award by the City of London, which recognised the Code of Good Practice.

The successful completion of the demolition works, causing minimal disruption to the adjoining financial institutions.

The project was finished within programme and budget to the satisfaction of the client's and consultants.

