

# St. Helen's Place, City of London

St Helens Place, a prestigious address on the east side of Bishopsgate, underwent an extensive internal refurbishment and exterior restoration program. This was its first major refurbishment since construction in the early 1900's. It is known as the St. Helen's Place Conservation Area within the City of London.

Our brief was the production of fabrication drawings and connection design for c.264 tonnes of new structural steelwork behind the retained façade, providing 30,000ft<sup>2</sup> of lettable floor space. Additional floors were added, along with a new mezzanine and a new full-height feature helical staircase at the rear.

Challenges included the strengthening of existing riveted steel columns which were to be retained both as an exposed feature element and to support the new floor levels. To integrate these into the design model, a 3D survey was commissioned to accurately locate the columns and provide data to allow floor beam connections to be designed and detailed. These connections needed careful consideration to avoid clashes with the existing rivets and to keep site works to a minimum.

The restoration has also been undertaken with sustainability as a key objective, and achieved a BREEAM Excellent rating.

