



Lucent London

Location

London

Client

Landsec

Main contractor

Wates

Architect

Fletcher Priest Architects

Engineer

Waterman Structures

Tonnage

1,500

Completion date

2023

Severfield contributed to the construction of Lucent, a new 144,000 sq ft building located behind the iconic Piccadilly Lights in central London. The existing island site was made up of multiple properties. Lucent has redeveloped this site to deliver a mixed-use development delivering first-class office spaces, shops, apartments, and a rooftop restaurant.

Rising to a height of 35 metres, Lucent – at One Sherwood Street – is one of the sharpest looking buildings on the block and Severfield is pleased to have played a part in its creation.

The Piccadilly Lights are a major London attraction and the need to keep the lights operational during the construction process created several challenges. We connected our steel through an existing temporary structure to the back frame of the lights, successfully negating the need for hot cutting and welding in close proximity to the 800 sq. metres of LED screens which could potentially cause damage – with only 30 centimetres separating the screens and our team of erectors.

The seven-storey development required 1,500 tonnes of structural steelwork, with intricate designs and adjustments to preserve the historic façades of the surrounding streets. The construction of four suspended floors above existing shops presented further engineering challenges, requiring the assembly of a large truss on-site to support the building's core. The process of lowering the floors from a temporary structure to their permanent position showcased our expertise in innovative construction techniques.

Despite the challenges, Severfield's expertise, meticulous planning, and execution ensured the successful completion of the Lucent project – further solidifying our reputation as the UK's leading structural steel experts.