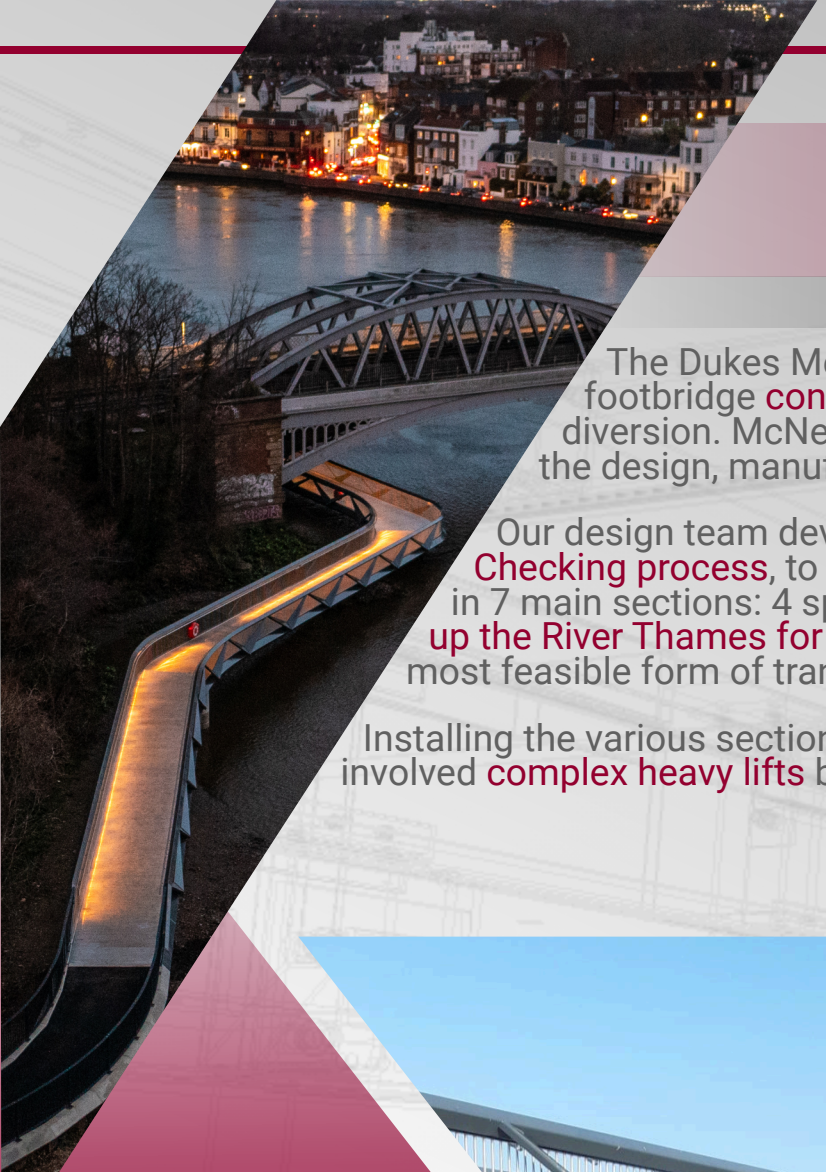
McNealy Brown LIMITED

Dukes Meadow



Knights Brown | Over £1,000,000 | Jan 2023

The Dukes Meadow Footbridge, located in Chiswick, opened for the public in January 2023. The footbridge connects the Thames path on either side of the railway without the need of a diversion. McNealy Brown had the pleasure of working on such a prestigious project, assisting with the design, manufacture and installation of the footbridge.

Our design team developed a 3D model of the footbridge, which had to pass a Cat 3 Structural Checking process, to add VE input and buildability factors. The footbridge was designed to be installed in 7 main sections: 4 spans and 3 piers. Span 2, the largest of all spans measuring 27m in length, sailed up the River Thames for 36 miles from Tilbury Docks to Chiswick. Given its size, this was the safest and most feasible form of transportation to site.

Installing the various sections took meticulous planning due to having to schedule this around tidal flow. It also involved complex heavy lifts by cranes from the river bank, with the assistance of Ainscough Crane Hire Ltd.



Decking and Balustrade



Span 1 Installation



Completed Footbridge

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