

HIGH-SPEC BRIDGE FOR LUXURY APARTMENTS IN CHELSEA

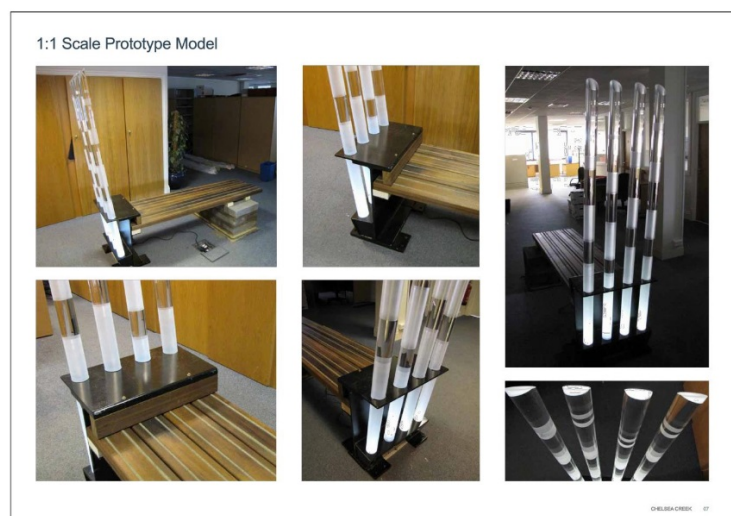


To complete the hard landscaping around the Chelsea Creek luxury apartment development, London developer, Berkeley St George needed a statement bridge.

The 24m long bridge comprises a deceptively simple, elegant concept incorporating acrylic rods into the painted steel frame at close centres which when lit from their base provide an illuminated enclosure, while a stripped down secondary internal handrail provides pedestrian restraint.

The scheme was originally discussed with CTS as an architectural concept created by Broadway Malyan, with the intention for CTS to work with the architect and provide a short mock up section for the Client's acceptance.

Montage of photographs showing bridge mock up sample sent to client for approval.



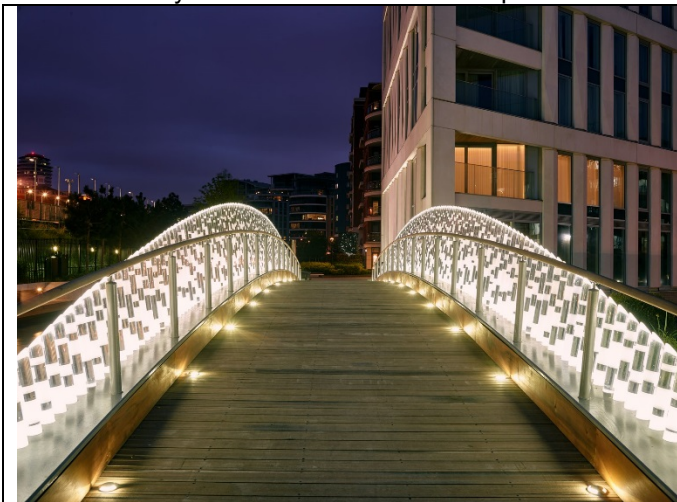
We were able to modify some details to help buildability, and during fabrication we identified further details which would benefit from subsequent refinement when the bridge proper was constructed to prevent distortion issues while minimising light spillage.

When the time came to develop the bridge as a whole, CTS were appointed to undertake design, manufacture and installation. We offered different structural options to best achieve the architectural intent, resulting in “hidden” structural supports to minimise beam depth. We worked closely with Elite Landscapes, the Principal Contractor, to ensure all trades were coordinated to deliver a successful scheme.

To achieve the desired simple lines, careful detailing was required to house the lighting rods and conceal their power supply and driver units discreetly. Precision fabrication was needed to realise this ambition.

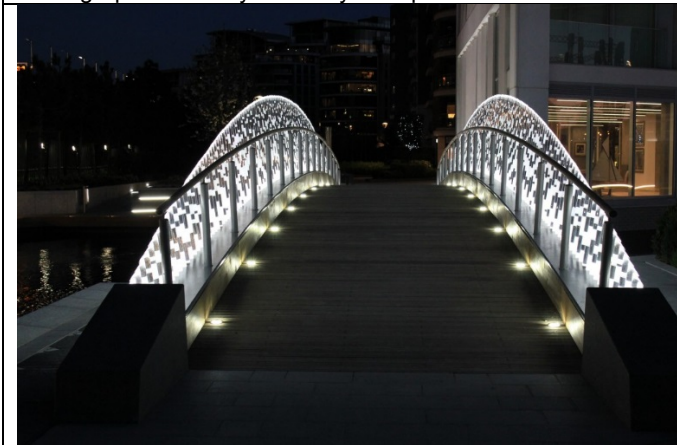
The light boxes were incorporated integrally into the base of the structural beams ready for the lighting contractor Wishbone Exterior Lighting to work their magic and illuminate the bridge with a combination of uplights and patterned acrylic tubes, supplied by Anglia Plastics.

The final result is a stunning illuminated bridge that provides a stylish focal point over the meandering waterway the Chelsea Creek development.



Photographs courtesy Berekely Group

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Photographs courtesy Wishbone Exterior Lighting

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If you require any further information, please contact us for more details on our design, build and installation service for bridges and structures on 01484 606416 or visit our website at www.ctsbridges.co.uk or by email enquiries@ctsbridges.co.uk