SPEIRS MAJOR

LIGHT ARCHITECTURE

Canada Water Boardwalk and Southern Steps,
London, UK

We'd love to hear from you.

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N1 7LB
United Kingdom

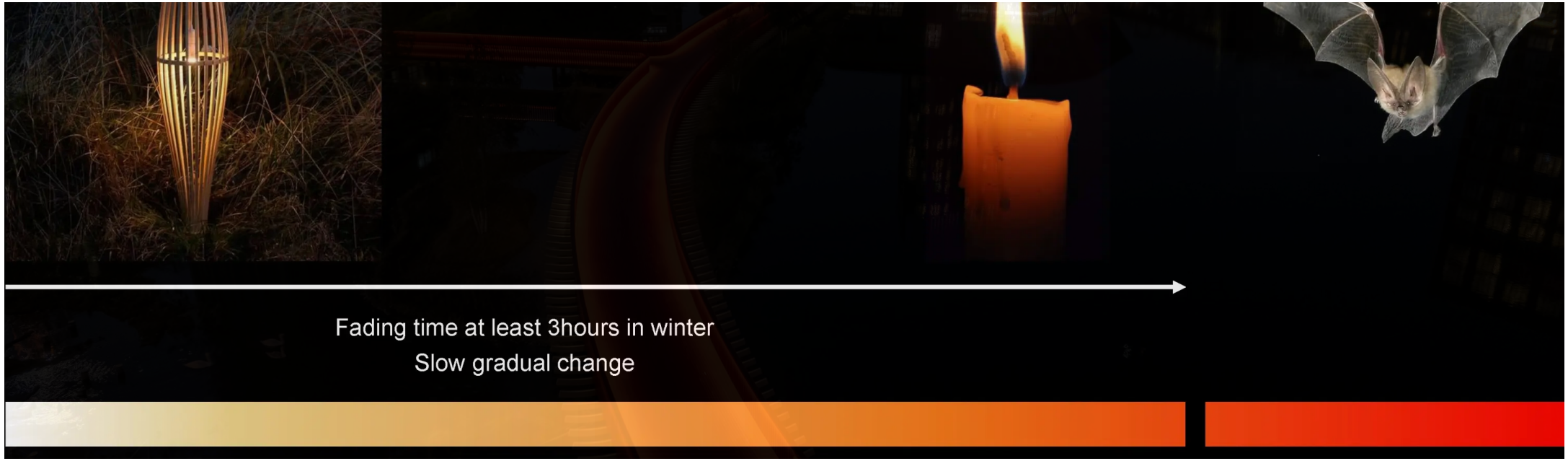
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A refined, sensitive approach balances a stunning after-dark identity with a safe and welcoming experience for pedestrians and seasonal control of intensity and colour to protect local bats and the wetlands reserve's revived ecology.

CLIENT
British Land

ARCHITECT
Asif Khan

DATE
2021-2024

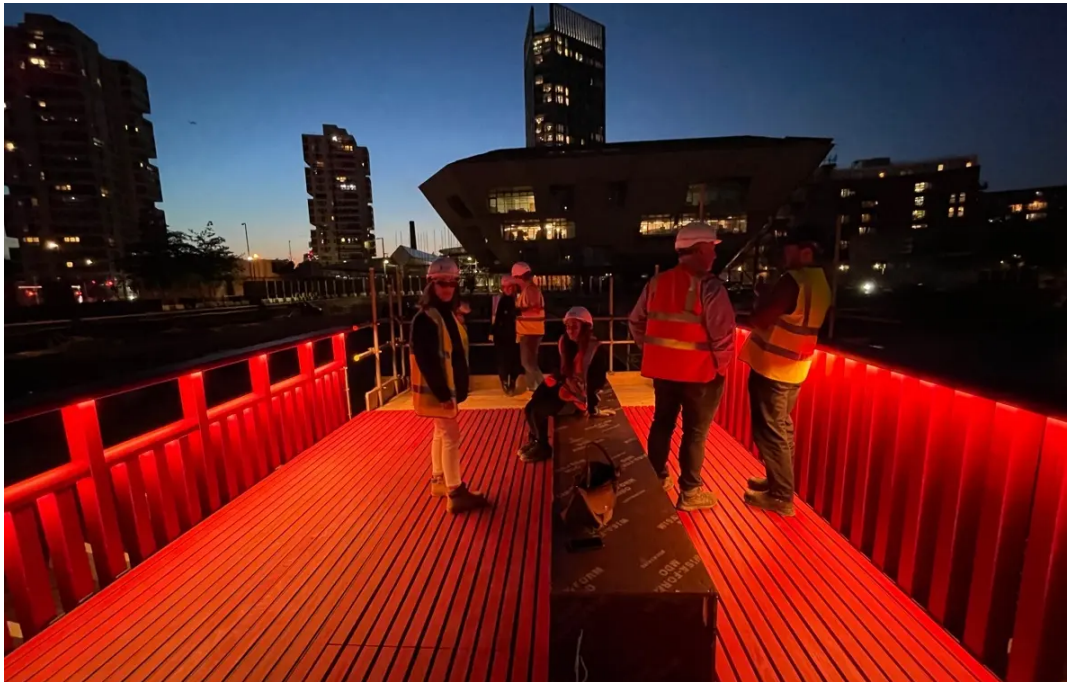
PHOTOGRAPHER
Luke Hayes

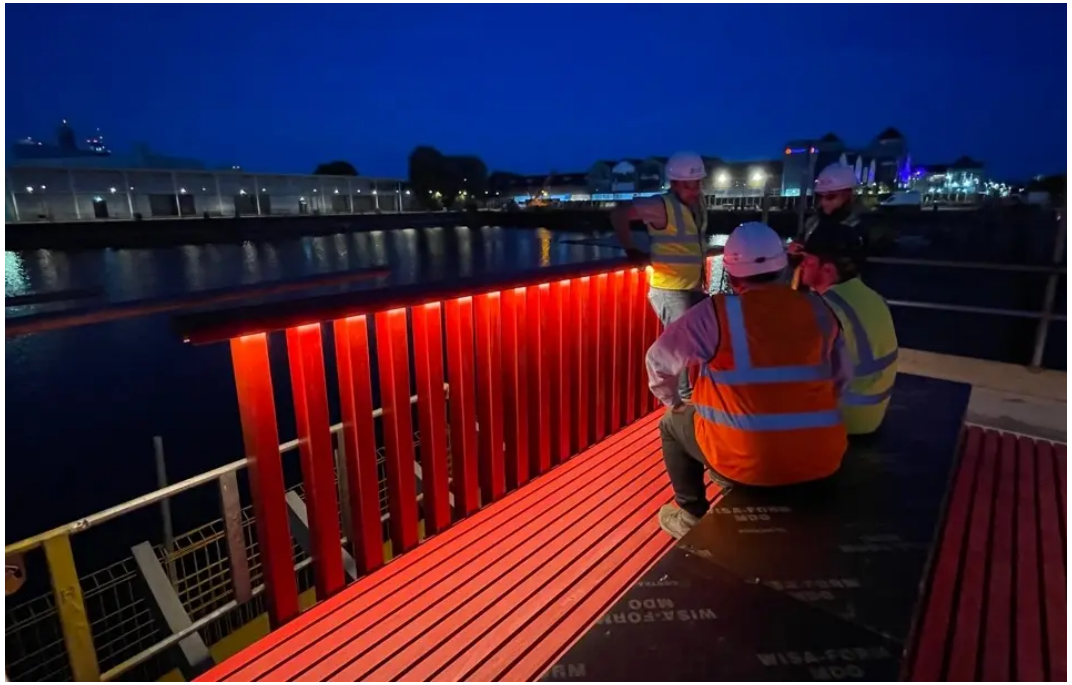
PROJECT TEAM
Mark Major, Benz Roos, Neville de Sa

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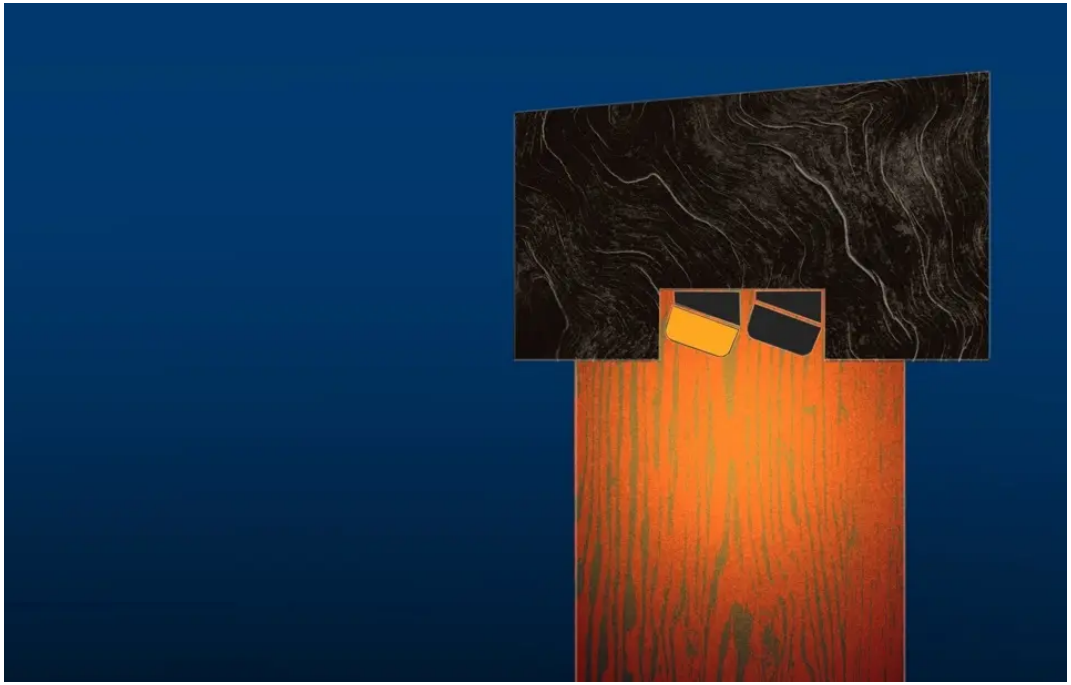


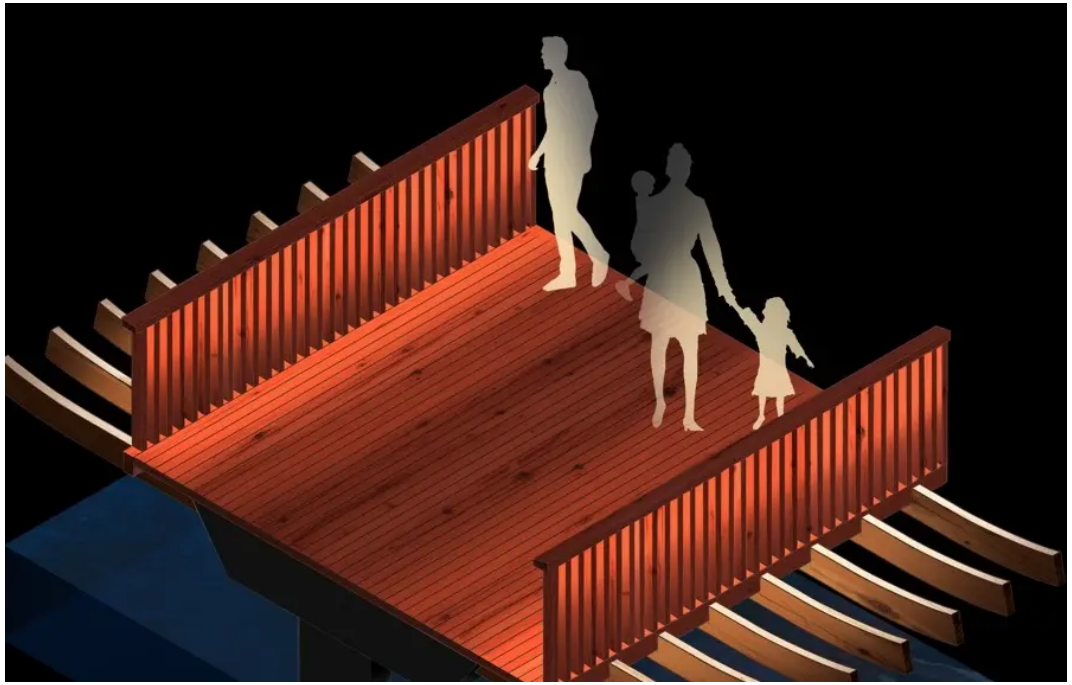


The docks area is a designated bat corridor. Working closely with the site ecologist, we developed seasonal timed adjustments to the intensity and colour temperature of the lighting to support the local bat population. In Winter when the bats hibernate, the lighting comes on at a warm white 3000K in the evening to support commuters. It then shifts gradually over a few hours, becoming much warmer and dimmer as night falls. During summer, the bats are active, and most commuting happens during daylight. When the lighting switches on late in the evening, it does so at a minimal brightness in a very warm colour to minimise any impact on the bats.

The use of timber and other eco-friendly materials reflects the importance of sustainability within the project. We chose to work with designer Asif Khan to detail the integration of individual, repairable luminaires, rather than an encapsulated fixture, in support of a circular economy.

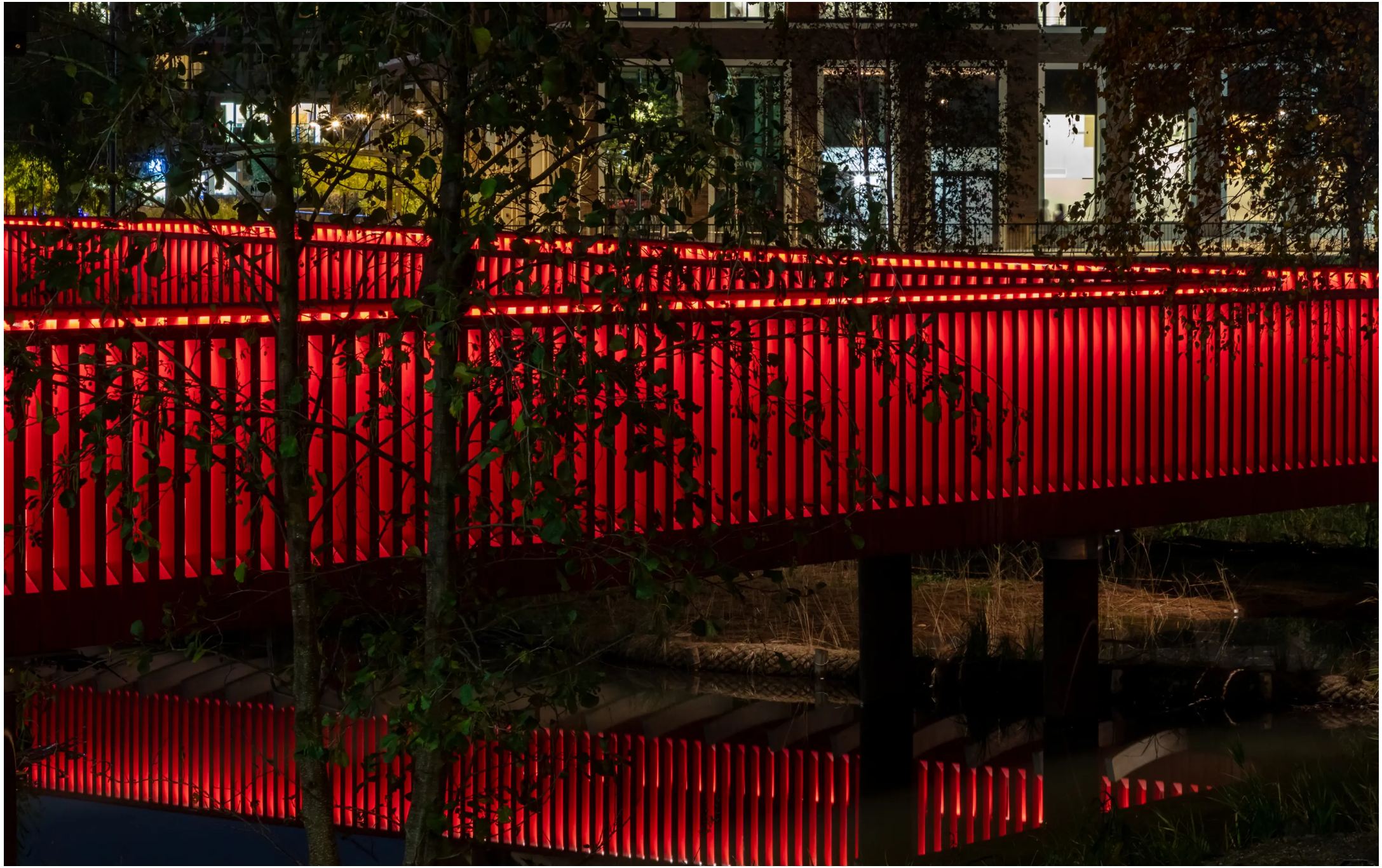
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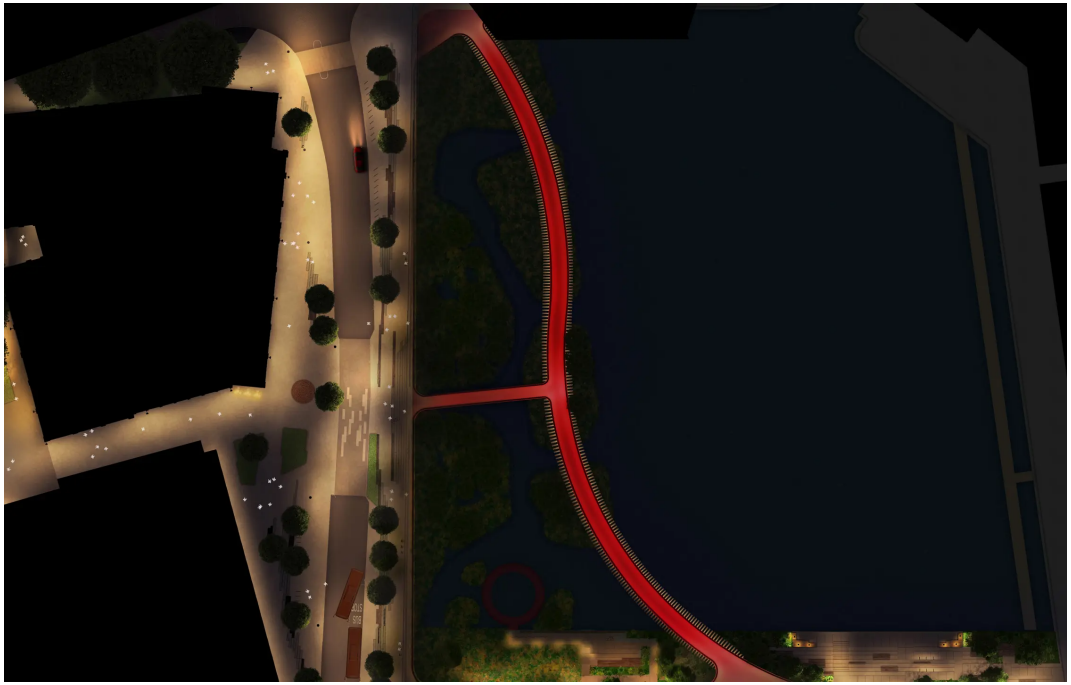


Considering the needs of the other living inhabitants of the site, we took care to integrate, direct and shield the light, adding a custom louvre to the balustrade lighting to control the reflection of the light source in the water.

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Concept Renders