

## ENDERBY WHARF

Barratt Homes had just completed a new housing development adjacent to Enderby Wharf in Greenwich. The client engaged with Land & Water Services (LAWS) to provide the design, supply and installation of sheet piling and revetments to the existing foreshore along the path of the River Thames.

### Project Delivery

- Following the initial site set up, the riverbed was prepared to allow for LAWS' specialist equipment to work within the tidal waters.
- All material and equipment was delivered by crane barge and multi-cat vessel from Land & Water's Rainham facility on the River Thames, due to poor site access from the land.
- A 20-tonne excavator was used to unload a steel fabricated gate structure. This was then cut and erected on site in accordance with the design proposals to support the installation of the PU12 piles to the design specification and tolerances. The pile line was then backfilled with suitable material and a layer of growing medium.
- Pre-planted coir rolls with planting mix and rock roll/ coir rolls were placed immediately after the growing medium had been positioned and before a follow-on high tide. This ensured the growing medium was protected through the high tide period.
- General waste was temporarily stored on a barge until the site was demobilised, this was then disposed of at Land & Water's Rainham Marshes Remediation depot.
- In total over 88 tonnes of piles were driven and 1,800 tonnes of stone and topsoil placed. Additionally 840 rock rolls and 530 planted coir rolls were installed within the 330 timber boards, making up the revetment outline.
- All works were completed within tidal restrictions requiring planning of material deliveries, vessel movements and other river traffic.

Find us on the internet at  
[www.land-water.co.uk](http://www.land-water.co.uk)

Contact us on 0844 225 1958



### Project Particulars

- Client: Barrett Homes
- July 2019 - October 2019

PROJECT  
VALUE:

**£817,000**