

INFORMATION SHEET



Ref: 2120-TDWAY-TTTUN-990-ZZ-ZZ-759377
November 2020



GRANDS PROJETS



KING EDWARD MEMORIAL PARK FORESHORE

Permanent Above Ground Works Design Summary

1 Background

1.1 The Tideway Project

The Thames Tideway Tunnel (TTT) project is a Nationally Significant Infrastructure Project providing a wastewater storage and transfer tunnel between Thames Water's Acton Storm Tanks and Abbey Mills Pumping Station sites. The tunnel will intercept combined sewer overflows (CSO) that frequently discharge into the River Thames, in order to capture the sewage, store it and transfer it for treatment at Beckton Sewage Treatment Works.

The TTT project is authorised under Thames Water Utilities Limited Development Consent Order 2014 (as amended) (the DCO) granted by the Secretaries of State in September 2014. This approved the necessity and location of the permanent above ground works and their maximum height.

1.2 King Edward Park Memorial Foreshore (KEMPF)

To house the permanent below ground structures necessary to deliver the TTT, a new permanent foreshore structure needs to be constructed adjacent to King Edward Memorial Park. This presents the opportunity to create a new area of public space that will be integrated with the park; one that provides for recreational uses as well as views of the River Thames.

2 Consultation

The design of the foreshore has been developed through extensive public consultation. TTT has met regularly with Tower Hamlets Council as well as organised and attended community consultation events. The proposals have been reviewed by the Design Council Chartered Association of Building Engineers to ensure design quality

3 Proposals

The proposals seek to respect the existing character of the Park and reinforce the features that make it a successful public space, while looking at ways to expand and enhance it. The foreshore design comprises two complementary spaces – a central ‘square’ and a rich river edge - increasing the overall area of open space available to the community by 0.26ha.

The structures and works subject to this draft application include the river wall and foreshore structure, with associated hard and soft landscaping, an electrical control kiosk, two site-specific vortex columns, three ventilation columns, surface water drainage and interpretative artwork.

Figure 1 Visualisation of the new foreshore



3.1 Electrical control kiosk

The Kiosk will be located to the east of the site, to minimise visibility and avoid interrupting views of the river. Brick cladding is proposed for the back of the kiosk that will match the existing park boundary wall and complement Free Trade Wharf. The kiosk will have full height, vertical hardwood fins to the front, northern and southern sides. A pre-grown, sedum planted mat, with a range of succulent plants, is provided on the roof of the kiosk.

Figure 2 Visualisation of the electric control kiosk



3.2 Vortex columns

The two vortex columns on the central foreshore provide ventilation control for the CSO drop shaft and will be clad with cast iron with a dark grey, matt finish. The columns have been designed in keeping with the heritage qualities of the park. They incorporate a pattern of the foreshore meeting the river with strong, simple linework inspired by the Rotherhithe Tunnel Rotunda grilles.

Figure 3 Visualisation of the Vortex Columns



Figure 4 Design Inspiration



3.3 Ventilation columns

Three metal ventilation columns with an iron oxide paint finish are located on the eastern foreshore, in a flat planting bed. They are of a slim and simple design, clustered together to minimise any impact on views and located in a planting bed to avoid obstructing pedestrian

movements. Passive filters below ground will clean the air and remove odours before it is emitted.

3.4 River wall and foreshore structure

A new river wall will be installed along the southern edge of the upper foreshore, to contain the drop shaft and CSO structures. The wall is designed to withstand earth and groundwater pressures and provide protection for the shaft infrastructure against vessel impact.

Safety chains and the upper ladders will comply with the Port of London Authority recommendations in the Review of lifesaving provision along the tidal Thames 1994. Intertidal terraces, planted with river reeds among other things, are proposed at the western, central and eastern points of the wall, to encourage marine biodiversity.

3.5 Landscaping

The landscape design carefully integrates the foreshore with the park. The proposed planting emphasises the transition from the parkland to the foreshore through a graduation of soft landscaping.

Figure 5 Visualisation to the eastern mound from the central mound



The layout of the foreshore allows pedestrians to linger in the area and provides links with existing paths in the Park It will provide an improved and inclusive environment for both pedestrians and cyclists.

The proposals will enhance the Glamis Road entrance by creating a generous tree-lined pedestrian route (which also serves as occasional vehicular access for maintenance, when

required), together with a relocated play area and new Multi Use Games Area (not part of this application).

3.6 Interpretative artwork

Six precast concrete plinths are proposed, where interpretative artwork can be installed. The location and details of the plinths are being submitted for approval. As the artist incorporates details directly during the casting process the exact artwork design cannot be confirmed until the sculptures are fabricated.

Artist Hew Locke is developing the interpretive artwork, in collaboration with the Tideway Design Team and in accordance with Tideway's Art and Heritage Interpretation Strategy. The artist proposes six unique, cast bronze boats, representative of the history of the Thames and the shifting population of the local neighbourhood. The metre-long boats will encourage touching, curiosity and interaction.

Figure 6 Indicative examples of the interpretative artwork designs



4 Conclusion

The King Edward Memorial Park Foreshore proposals have been carefully developed through a collaborative process of design review and consultation. The development takes account of both aesthetics and functionality, through good design and architecture as well as appropriate layout and siting. It would deliver 0.26ha of open space for the community, in an inner-city borough deficient in open space.

The details included in the draft application are considered to be compliant with the DCO Schedule 3 Requirements KEMPF2, KEMPF3, KEMPF4, KEMPF5, KEMPF6, KEMPF14 and PW11, as well as the design principles.

Tower Hamlets Council will be undertaking a consultation on the draft proposals starting 17 November 2020. If you would like to comment on the scheme, please email representations to development.control@towerhamlets.gov.uk by 25 January 2021.

More information can be found at www.towerhamlets.gov.uk/parkdevelopments.