



Application for Development Consent

Application Reference Number: WWO10001

Examining Authority's Second Written Round of Questions and Requests for Information Response from Thames Water

**Code of Construction Practice Part B: Site Specific Requirements
- Albert Embankment Foreshore (Revised 13 January 2014)**

Doc Ref: **APP72.14**





Code of Construction Practice Part B: Site-specific requirements

Albert Embankment Foreshore

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Thames Tideway Tunnel

Code of Construction Practice Part B

Albert Embankment Foreshore

List of contents

	Page number
1 Albert Embankment Foreshore	1
1.1 General.....	1
2 General requirements	2
3 Communications and community/stakeholder liaison	2
4 Site operation	2
5 Public access, highway and river transport	3
6 Noise and vibration	4
7 Air quality	5
8 Water resources	5
9 Land quality	5
10 Waste management and resource use	6
11 Ecology (aquatic and terrestrial)	6
12 Historic environment	6
13 Other	6

List of figures

	Page number
Figure 1-1 Albert Embankment Foreshore: Site context and location plan	2
Figure 13-1 Known Mesolithic timbers in the foreshore	7

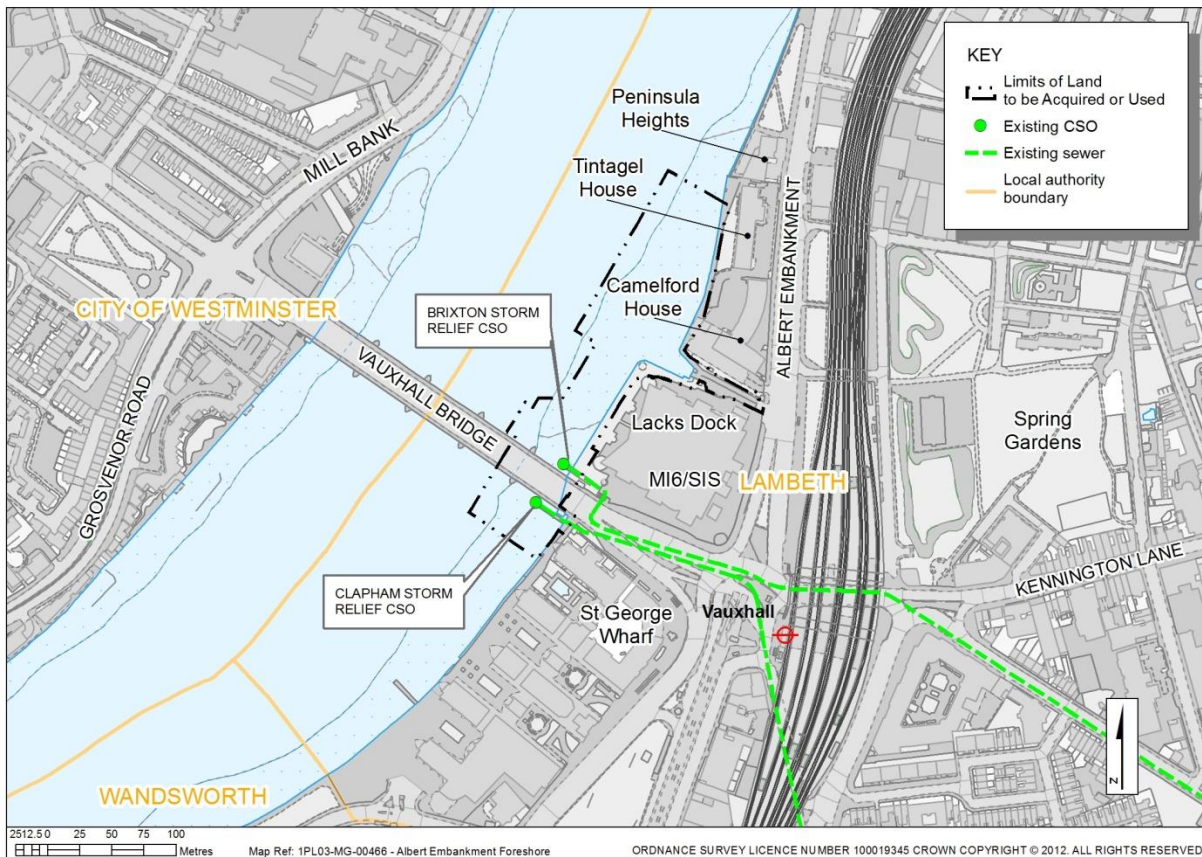
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1 Albert Embankment Foreshore

1.1 General

- 1.1.1 All works covered within this document are to be managed and performed to the culture within the Thames Tideway Tunnel vision of 'Zero Incidents, Zero Harm, Zero Compromise'.
- 1.1.2 The *Code of Construction Practice (CoCP)* comprises two parts:
- a. Part A: General requirements. These measures are applicable project-wide.
 - b. Part B: Site-specific requirements. These are site-specific measures, where there are deviations from the general requirements indicated in Part A.
- 1.1.3 This document comprises the *CoCP* Part B for the Thames Tideway Tunnel project works at Albert Embankment Foreshore site and identifies the detailed site-specific measures including working hours, site set up and servicing arrangements, taking into account the environmental issues and consultations with the London Borough of Lambeth and other stakeholders.
- 1.1.4 For ease of reference the *CoCP* Part B mirrors the headings in Part A. The *CoCP* Part B sets out site-specific issues and deviations from Part A so where there are no site-specific measures reference should be made to the measures set out in Part A.
- 1.1.5 A plan showing the location of the site is shown in Figure 1-1 below.
- 1.1.6 The application for development consent includes two options for temporary construction access to the site. Option A provides construction access to the site from Lack's Dock. Option B provides construction access to the site from a new access created between Camelford House and Tintagel House. In both options, occasional access for construction plant to the work site under Vauxhall Bridge will be required along the Lack's Dock slipway. The Secretary of State will be asked to confirm which option should be provided in any decision to grant development consent for the project. Where control measures relate to one access option but not to the other, they are identified as such within this document. All other control measures apply regardless of which access option is confirmed.

Figure 1-1 Albert Embankment Foreshore: Site context and location plan



Note: For detailed Limits of Land to be Acquired or Used, refer to drawings in the Book of Plans.

2 General requirements

2.1.1 As per text in CoCP Part A.

3 Communications and community/stakeholder liaison

3.1.1 As per text in CoCP Part A.

4 Site operation

Topic	Site-specific requirement
Working hours	<p>This site will adhere to the following working hours:</p> <ul style="list-style-type: none"> a. standard b. extended c. continuous for duration of the Clapham/Brixton connection tunnel construction. <p>When other types of working hours (CoCP Part A, Table 4.1) are required, these will be subject to</p>

Topic	Site-specific requirement
	agreement with the local authority through the Section 61 process.
Site layout	Areas of foreshore between the working areas are to have suitable protection placed for vehicle transport such as concrete 'armorloc' or similar product.
Site security/hoarding requirements	<p>The hoarding height to be increased from 2.4m to 3.6m at this site.</p> <p>The hoarding is to be as defined in <i>CoCP</i> Part A para. 4.3.4a and b incorporating suitable art work and viewing windows.</p>
River works	As per text in <i>CoCP</i> Part A.
Other items	<p>A separate Thames Tideway Tunnel project specification for security measures applies on this site.</p> <p>A site-specific lighting plan is required. The lighting will address the impact on terrestrial and aquatic ecology and include the use of low level directional lighting where possible whilst meeting safe work requirements.</p>

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>Access to Lacks Dock for Duck Tours will be maintained throughout the works unless agreed otherwise.</p> <p>The security barrier will be positioned at the entrance to the site access road to allow a standard rigid tipper vehicle to be wholly off the Albert Embankment road whilst awaiting barrier operation.</p> <p>Option A: The existing security kiosk will be relocated and be utilised for a tandem Thames Tideway Tunnel project site access and Duck Tours access security.</p> <p>Access to the site will be from Vauxhall Gyratory and Albert Embankment. The new site access road is adjacent to Lacks Dock.</p> <p>Option B: The new site access road is between Camelford House and Tintagel House, with a new crossover constructed in the pavement.</p> <p>Options A and B: Vehicles will left-turn in and left-turn out only and exit northbound along Albert Embankment.</p>

Topic	Site-specific requirement
	<p>Drivers of construction vehicles accessing the site will be required to obtain security clearance before arriving at the site. The method for obtaining security clearance is to be confirmed. Vehicles arriving at the site entrance without clearance to access the site will be denied entry. Vehicles denied entry will leave the site via a left turn onto Albert Embankment (A3036) under the supervision of a traffic marshal to prevent conflict with other road users on Albert Embankment (A3036), or vehicles entering Lack's Dock or Camelford House vehicle entrance. Large vehicles denied access, that are unable to turn off the highway, will reverse onto Albert Embankment (A3036) under the supervision of a traffic marshal.</p> <p>Option A: A traffic marshal is to be stationed at site entrance to manage potential conflicting movements (eg with incoming/outgoing Duck Tours vehicles) and ensure no vehicles queue/wait on Albert Embankment.</p>
Traffic management	Drivers of large vehicles exiting the site must be aware that the vehicle may encroach into the off-side northbound lane.
Event restrictions	As per text in <i>CoCP</i> Part A.
River transport	Note that large crowds are expected in the Vauxhall area during New Year's Eve, and the contractor will be required to have arrangements in place for additional security, and other measures within the site security plan.
Other	<p>Provision of signage for pedestrian diversions (Thames Path) will clearly identify alternative routes during the construction works at the Albert Embankment Foreshore site.</p> <p>The site is subject to separate security requirements.</p>

6 Noise and vibration

Topic	Site-specific requirement
Control measures	<p>See hoarding height requirements above.</p> <p>Low noise and vibration piling methods will be used unless determined to be impossible. The first 'anchor' piles will need to be installed using a vibratory driver. These anchor piles will be installed at a location away from the closest sensitive</p>

	<p>receptors including Tintagel, Camelford House and Vauxhall Cross.</p> <p>Compaction of material on site will be undertaken using machinery generating the lowest practicable vibration levels which still enables the required level of compaction to be completed. Specifically the use of large vibratory rollers will only be used in locations where vibration levels can be controlled to less than the impact criteria.</p>
Other	As per text in <i>CoCP</i> Part A.

7 Air quality

Topic	Site-specific requirement
Vehicle and plant emissions	As per text in <i>CoCP</i> Part A.
Dust emissions/control	As per text in <i>CoCP</i> Part A.
Odour	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

8 Water resources

Topic	Site-specific requirement
Control of pollution: surface water/groundwater	The area of foreshore between working sites will be monitored for spillage of oils, fuels and other materials during use. The Contractors Environmental Management Plan (CEMP) will include specific control and mitigation measures at this location.
Control on abstraction	As per text in <i>CoCP</i> Part A.
Ground treatment	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

9 Land quality

Topic	Site-specific requirement
Site works	As per text in <i>CoCP</i> Part A.
Site-specific issues/mitigation	As per text in <i>CoCP</i> Part A.

10 Waste management and resource use

Topic	Site-specific requirement
Excavated material	As per text in <i>CoCP</i> Part A.
Resource usage	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

11 Ecology (aquatic and terrestrial)

Topic	Site-specific requirement
Protection of habitats	<p>Membrane to be installed between the river bed and temporary back fill material to prevent contamination of juvenile fish habitat and benefits in preserving potential archaeology.</p> <p>Areas of foreshore used for temporary works will be restored to similar condition and material as was prior to the works.</p>
Protection of trees	Option B: Replacement tree planting to be provided for those lost along Albert Embankment. Retained vegetation will be protected during works.
Other	As per text in <i>CoCP</i> Part A.

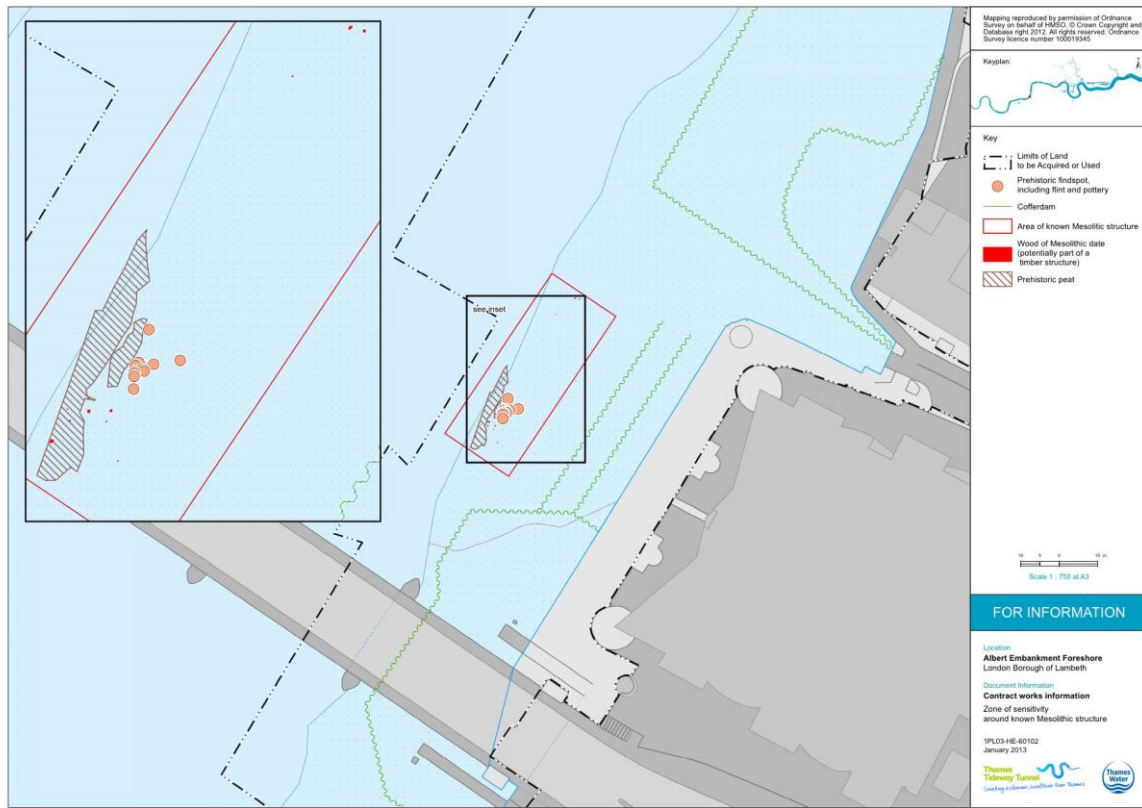
12 Historic environment

Topic	Site-specific requirement
Other	<p>The Contractors working methods are to minimise risk of accidental striking the listed bridge. Protection barriers will be installed as required but not attached to the structure unless otherwise agreed.</p> <p>The Contractor shall select suitable operating procedures that will not damage impact on the known Mesolithic timbers in the foreshore at the site, within the zone of sensitivity shown in Figure 13-1 Known Mesolithic timbers in the foreshore.</p>

13 Other

Topic	Site-specific requirement
Other	As per text in <i>CoCP</i> Part A.

Figure 13-1 Known Mesolithic timbers in the foreshore



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