



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
- Kirtling Street (Revised 13 January 2014)**

Doc Ref: **APP72.12**





Code of Construction Practice

Part B: Site-specific requirements

Kirtling Street

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Thames Tideway Tunnel

Code of Construction Practice Part B

Kirtling Street

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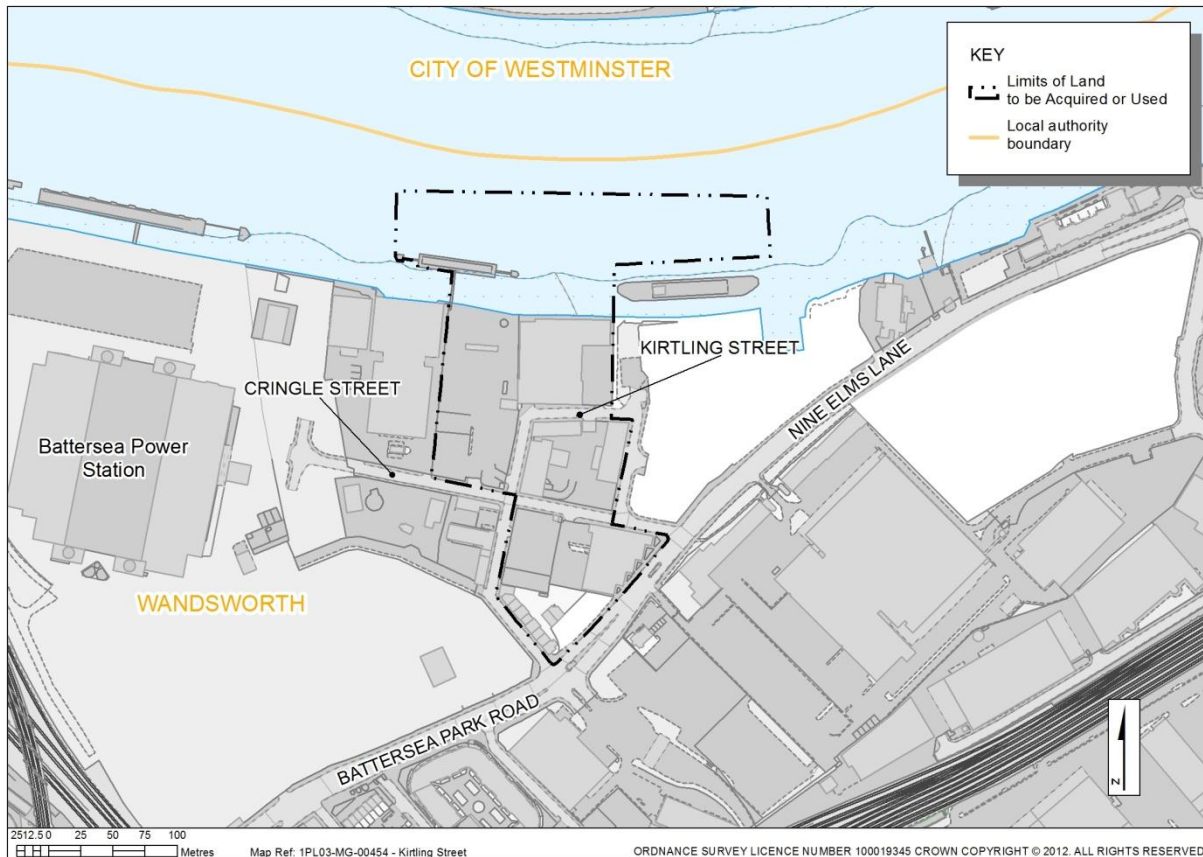
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1 Kirtling Street

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 Kirtling Street 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 Wandsworth 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.

Figure 1.1 Kirtling Street: 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 shall adhere to the following working hours:</p> <ul style="list-style-type: none"> a. standard b. extended standard c. continuous for construction of the main tunnel. <p>When other types of working hours (CoCP Part A,</p>

Topic	Site-specific requirement
	Table 4.1) are required, these shall be subject to agreement with the local authority through the Section 61 process.
Site layout	<p>The site encompasses part of the existing CEMEX site. Access to the CEMEX site shall be maintained throughout the construction period via Kirtling Street with egress via Cringle Street.</p> <p>Where practicable, site offices and welfare facilities shall be located along the eastern boundary of the construction site, in order to assist screening from the Riverlight development.</p>
Site security / hoarding requirements	<p>The hoarding is to be as defined in <i>CoCP</i> Part A para. 4.3.4a incorporating suitable art work on public facing sections.</p> <p>The hoarding height is to be a standard height of 3.6m.</p> <p>The hoarding on the Riverlight boundary is to be as defined in <i>CoCP</i> Part A para. 4.3.4c, planted hoarding “Green wall”. The planting is to be maintained by St James (this will be subsequently secured by an Agreement with St James).</p>
River works	As per text in <i>CoCP</i> Part A.
Other items	<p>A site-specific lighting plan is required. The lighting shall 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> <p>Lighting on any jetties shall be switched off or reduced when not in use for barge loading or unloading. This excludes requirements for lighting for navigational safety.</p>

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>Access to the site shall be via Kirtling Street at its junction with Battersea Park Road. Exit from the site shall be via Kirtling Street, left onto Cringle Street and then left onto Nine Elms Lane.</p> <p>There shall be no direct access to and from the Kirtling Street site from Nine Elms Lane (A3205), between the Kirtling Street and Cringle Street junctions.</p>

Topic	Site-specific requirement
Traffic management	<p>Construction traffic shall utilise a one-way system on Kirtling Street and Cringle Street.</p> <p>Kirtling Street and Cringle Street shall be kept open for two-way movements for general (non-construction) traffic, except where being shown as stopped up on the access plan.</p> <p>The exit from the site onto Kirtling Street is by the Riverlight development including the car park entrance/exit and nursery. The contractor shall put in place measures to mitigate the risk of conflict with other road users at this junction, and pedestrians and cyclists using the Thames Path diversion, including:</p> <ol style="list-style-type: none"> a. Establishing a “Give Way” system which will give priority to traffic on Kirtling Street b. Erecting warning signage on the approach to, and the exit gate, reminding drivers to take extra care upon leaving the site c. Deploying a permanent presence of a qualified Traffic Marshal during operational times d. Provide thorough briefings to their transport suppliers to give their drivers on the site access and egress rules. <p>The contractor shall explore the possibility of erecting convex mirrors at the junction to aid driver visibility.</p> <p>The contractor shall be aware of the proposed narrowing of a section of Kirtling Street as part of the Riverlight plans, and make appropriate arrangements to mitigate the risk arising from the use of construction vehicles at this point.</p> <p>The site access onto the southern side of Cringle Street shall operate as right turn in and right turn out only for construction vehicles. The site exit on the northern side of Cringle Street shall operate as left turn out only.</p> <p>The site encompasses part of the existing CEMEX site. Access to the CEMEX site shall be maintained throughout the construction period via Kirtling Street with egress via Cringle Street.</p> <p>Bus stand in Cringle Street to be relocated.</p>
Event restrictions	As per text in <i>CoCP</i> Part A.
River transport	As per text in <i>CoCP</i> Part A.
Site access and gates	The diversion of the Thames Path shall be

Topic	Site-specific requirement
	adequately signed.

6 Noise and vibration

Topic	Site-specific requirement
Control measures	<p>The construction area around the main shaft shall be covered by an enclosure/building during the main tunnel construction and secondary lining works. All cladding and roofs of noise enclosures will incorporate a suitable noise attenuation material with a minimum sound reduction of 20dB.</p> <p>The building openings shall be designed to be away from sensitive noise receptors and shall be kept closed when not in use at night. Only essential use of openings at night.</p> <p>Compaction of material during demolition shall 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 twin-drum vibrating rollers shall only occur on occasions where vibration levels can be controlled to less than the impact criteria.</p> <p>The concrete batching plant, grout plant, conveyors to load barges and storage / handling areas shall be enclosed with suitable structure acoustic attenuation materials.</p> <p>Screening or enclose of all static plant including enhanced enclosure for pumps.</p> <p>Movement of vehicles on site outside standard hours to be restricted.</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	All hardstanding (as far as reasonably practicable) on non-foreshore sites to incorporate permeable surfacing. Appropriate measures to avoid water runoff to the river need to be adopted specifically in consideration of local un-remediated former gas works.
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	Areas of foreshore used for temporary works shall be restored to similar condition and material prior to the works.
Protection of trees	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

12 Historic environment

Topic	Site-specific requirement
Other	<p>The site-specific heritage management plan for this site shall include all heritage assets along the alignment of the tunnel driven from this site where not directly affected by other sites.</p> <p>As far as is practicable, mitigation for settlement effects on the Grade I listed Tower Bridge will avoid the need for intrusive works on the bridge.</p>

13 Other

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

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