Datum: Newlyn.

Tunnel Datum which is 100 metres below Ordnance Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Coordinates are to be Ordnance Survey Datum ED50. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

FOR INFORMATION

Location
Carnwath Road Riverside
London Borough of Wandsworth

Document Information
Section 48 publicity
As existing site features plan
Book of plans - section 7
S48-RP-O8X-CAN001-000067
July 2012

Notes:
1. All dimensions and levels are approximate.
2. Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.

1:1000 if reproduced at A3
1:500 at A1

Scale: 1:1000 at A1
1:500 if reproduced at A3

Key:
- Limits of land to be acquired or used (LLAU)
- Thames Path
- Existing levels (shown in metres above tunnel datum)

Key plan:

This drawing

Thames Water Utilities Ltd 2008

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Access along the Thames Path route would be available at all times.

Coastal defences and existing rights of way temporary stopped up

Access to construction works

Notes:

1. This plan does not show stopping up and diversions of limited duration [eg hoarding erection, minor utility diversions and minor highway works].

2. Only rights of way in or close to worksites are shown. The full extents of rights of way are not shown where they cease to be relevant to the project.

Section 48 publicity

Book of plans - section 7
S48-AO-00X-CA/008-020003
July 2012
Along this section, all necessary measures shall be taken to maintain flood defence functions if any elements are to be demolished and replaced as a consequence of construction works such as wall strengthening.

Notes:
1. Minor items to be removed (e.g. barriers, hoardings etc.) are not shown.
2. General activities of site clearance such as removal of hardstanding and foundations, stripping of topsoil and clearance of minor vegetation not shown.
Table 1

<table>
<thead>
<tr>
<th>Above ground permanent structure</th>
<th>Maximum height above finished ground level (Minimum heights are in brackets where applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building to house air management plant and equipment</td>
<td>5.5m</td>
</tr>
<tr>
<td>Ventilation column(s) serving the shaft</td>
<td>15.0m</td>
</tr>
<tr>
<td>New boundary wall</td>
<td>3.5m (2.5m)</td>
</tr>
</tbody>
</table>

Notes:

1. The Site Works Parameter Key Plan identifies each zone independently.
2. The zone within which the shaft would be located would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and, if applicable, under-reaming. Shaft construction temporary works may be located within or outside this zone provided they are located within the limits of land to be acquired or used.

Key:

- Limits of land to be acquired or used (LLAU)
- Zone within which all permanent site structures would be located
- Zone within which the shaft would be located
- Zone within which permanent above ground structures would be located (those listed in Table 1)
- Zone within which required landscaping would be located

Keyplan:

- This drawing

Coordinates are to be Ordnance Survey Datum OSGB36. All axes are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Datum Newlyn. Tunnel Datum which is 100 metres below Ordnance OSGB36. All levels are in metres and relate to the OSGB36.

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Section 48 publicity

Location

Carnwath Road Riverside

London Borough of Wandsworth

Document Information

Section 48 publicity

Site works parameter plan

Book of plans - section 7

S48-PP-06X-CARRR-000069

July 2012

FOR APPROVAL
The Site Works Parameter Key Plan identifies:

1. The zone within which Work No. 3a would be located
2. The zone within which Work No. 3b would be located
3. The zone within which the shaft would be located
4. The zone within which permanent above ground structures would be located
5. The zone within which permanent landscaping would be located
6. The zone within which all permanent works including shaft walls would be located
7. The zone within which works may be located within the limits of land to be acquired or used
8. The zone within which plant and equipment would be located
9. The zone within which permanent landscaping would be located
10. The zone within which ventilation columns serving the shaft may be located

Notes:
1. The Site Works Parameter Key Plan identifies each zone independently.
2. The zone within which the shaft would be located would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and if applicable under-manning. Shaft construction temporary works may be located within or outside this zone provided they are located within the limits of land to be acquired or used.
3. The limits of land to be acquired or used (LLAU) would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and if applicable under-manning. Shaft construction temporary works may be located within or outside this zone provided they are located within the limits of land to be acquired or used.
Thames Water Utilities Ltd 2008

Datum Newlyn.

Tunnel Datum which is 100 metres below Ordnance OSGB36. All levels are in metres and relate to the

Coordinates are to be Ordnance Survey Datum N

North

Tunnel Datum to

River Thames

Removable bollards

Fixed bollard

Access for Thames Water maintenance vehicles

Building to house air management plant and equipment 20m x 8m x 3.5m maximum high with brown roof

Odour control

Thames Path

Removable bollard

Noise control chamber(s)

Zone for the location of the building to house air management plant and equipment

Zone for the location of the ventilation column(s)

Whiffin Wharf

Zone within which Works No. 6a will be located

Main tunnel shaft (25m internal dia)

Works No. 6a. Main tunnel shaft (25m internal dia)

Works No. 5a. 7.2m internal dia main tunnel to Kirtling Street

Working the shaft would be located

Main tunnel to

Acton Storm Tanks

6.5 internal dia

Works No. 1a.

6.2m² each

2 subdivided flue areas measuring 4.5m² and 2 No. 1.2m internal dia. stacks measuring 4.5m² each

Ventilation column 4.4m wide, maximum high with brown roof and equipment 20m x 8m x 5.5m

Building to house air management plant

River wall strengthening works may be undertaken in any mode of the length of the Carnwath Road Riverside site in support of temporary flood defence measures. Any necessary measure shall be taken to maintain flood defence functions

Works No. 7. 2.6m internal dia connection tunnel

Zone within which Works No. 6a will be located

Zone within which permanent above ground structures would be located

Zone within which permanent above ground structures would be located

Boundary wall between Whiffin Wharf and Hurlingham Wharf

Vaditation column 4.6m wide, 4.7m long and 15m high containing 2 No. 3.2m internal dia. stacks and 2 subdivided flue areas measuring 6.2m² each

Notes:

1. All dimensions and levels are approximate.
2. Any discrepancy between the location of the temporary site structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and topographical survey base, both of which have been used in the preparation of this drawing.
3. This drawing shows permanent site structures only. Landscaping hard works and soft works are shown on the Proposed landscape plan and/or Proposed site features plan.

Key:

Limits of land to be acquired or used (LLAU)

Proposed across cover

Proposed level (shown in metres above tunnel datum)

Zone within which the shaft would be located

Zone within which permanent above ground structures would be located

Zone within which permanent above ground structures would be located

Symbols:

Keyplan

This drawing

ILLUSTRATIVE

Carnwath Road Riverside

London Borough of Hammersmith & Fulham

Section 48 publicity

Proposed site features plan.

Book of plans - section 7

S48-PP-06X-CARRR-000071

July 2012

Thames Path

Thames Water Tunnel

Thames Water

Thames Path

Hurlingham Wharf

Kirtling Street

Removable bollard

Noise control chamber(s)

Fixed bollard
**Location**
Carnwath Road Riverside
London Borough of Wandsworth

**Document Information**
Section 48 publicity

**Proposed landscape plan**
Book of plans - section 7
S48-PP-06X-CARRR-000072
July 2012

**Note:**
- All dimensions and levels are approximate.
- Any discrepancy between the location of structures and the parameters marked on the drawings is due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.

**Landscape key:**
- **Granite strips**
- **Resin bounded gravel**
- **New trees**
- **Herbaceous perennial planting/ground cover**
- **Bench/Seating**
- **Stepping stone**
- **Removable bollards**
- **LED Uplighters**
- **Bound Lights**

**Scale:**
1:400 if reproduced at A3
1:200 at A1

**Drawing Information:**
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**Datum:**
Newlyn.
Tunnel Datum which is 100 metres below Ordnance OSGB36. All levels are in metres and relate to the Ordnance Survey Datum.

**Coordinates:**
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**Volume:**
Existing Thames Path

**Key:**
- **Limits of land to be acquired or used (LLAU)**
- **Zone within which permanent above ground structures would be located**
- **Representative channel**
- **Thames Path**

**Notes:**
1. All dimensions and levles are approximate.
2. Any discrepancy between the location of structures and the parameters marked on the drawings is due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.
ILLUSTRATIVE

Location
Carnwath Road Riverside
London Borough of Wandsworth

Document Information
Section 48 publicity
Section A
Book of plans - section 7
S48-PP-06X-CARRR-000073
July 2012

Notes:
1. All dimensions and levels are approximate.
2. The purpose of this section is to illustrate the scale of the below ground infrastructure to be provided.
As existing West elevation

Proposed West elevation

Notes:
1. All dimensions and levels are approximate.
As existing South elevation

Proposed South elevation

Notes:
1. All dimensions and levels are approximate
1. These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay out differently during construction depending on their preferred construction methods subject to any controls or layout imposed through the planning submission and approval process.

2. Traffic management plans for construction phases of the work would be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.

3. Utility supplies for the construction of the works would be agreed with the relevant utility company.

4. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.

Notes:

- Site power structure
- Storage (open area or containerised)
- Workshop buildings and storage area (open area or containerised)
- Thames Path
- Gantry crane
- Shaft
- Security office
- Construction access, left turn in, right turn out
- Segment storage area
- Overhead conveyors
- Grout batching plant and aggregate storage area
- Serge on campsite
- Piled jetty
- River Thames
- Authorised channel
- Barges berthing at a jetty is a possible alternative
- Area within LLAU shown to allow flexibility in choice of target berthing options

Key:

- Limits of land to be acquired or used (LLAU)
- Hoarding
- Maximum extent of working area
- Existing public right of way
- Route of temporary diversion of right of way
- Site access
- Access / haul route
- Noise enclosure over shaft and gantry crane

Location:

Carnwath Road Riverside
London Borough of Hammersmith & Fulham

Document Information:

Section 48 publicity

Construction phases - phase 2
Tunneling
Book of plans - section 7
SAV-Pf-GKX-CAR008-000077
July 2012

Thames Tunnel
Contractor's Submission Notice for Tunnel Scheme
1. These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay out differently during construction depending on their preferred construction methods subject to any controls or layout imposed through the planning submission and approval process.

2. Traffic management plans for construction phases of the work will be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.

3. Utility supplies for the construction of the works would be agreed with the relevant utility company.

4. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.

Notes:

- Noise enclosure to be dismantled to allow construction of other structures
- Barges on campshed is a possible alternative
- Barges berthing at a jetty
- Workshop buildings and storage (open area or containerised)
- Concrete batching plant and aggregate storage area
- Site power structure
- Security office
- Steel reinforcement preparation area
- Construction access, left turn in, right turn out
- Officess / welfare buildings (2 storey)

Key:
- Limits of land to be acquired or used (LLAU)
- Hoarding
- Maximum extent of working area
- Existing public right of way
- Route of temporary diversion of right of way
- Site access
- Access / haul route
- Noise enclosure over shaft and gantry crane

Notes:

1. The phasing plans are illustrative to show possible site layouts.

2. Traffic management plans for construction phases of the work will be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.

3. Utility supplies for the construction of the works would be agreed with the relevant utility company.

4. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.

Location:
Carnwath Road Riverside
London Borough of Hammersmith & Fulham

Published in accordance with the requirements of Section 48 of the Highways Act 1980

London Borough of Hammersmith and Fulham

July 2012

ILUSTRATIVE

Thames Water Utilities Ltd 2008

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