Datum Newlyn.

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

Note: Pre-development station and bridge layout shown.

Area to be re-landscaped (by others) prior to construction.

Mean low water.

FOR INFORMATION

Blackfriars Bridge Foreshore
City of London

Document Information
Section 48 publicity
As existing site features plan
Bridge level sheet 2 of 2
Book of plans – section 13
545-PY-1FKBLABF-000326
July 2012
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 Sheet 2 of 3.

Pedestrian crossing
Fleet CSO
bridge level
stairs up to area
Undercroft
WC
Ladies
Gents
level
Ramp up to embankment
Sports club below
stairs down to
bridge level
demolished
to be recorded and Office and piled platform
A
uthorised channel
Footpath starts to ramp up to bridge level
Pedestrian crossing

Key:

- Limits of land to be acquired or used (LLAU)
- Authorised channel
- Thames Path
- + 105.40m
- Existing levels (shown in metres above Tunnel Datum) (LLAU)
- Approximate position of CSO outlet
- Existing trees within surveyed area

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.

FOR INFORMATION

Location:
Blackfriars Bridge Foreshore
City of London

Document Information
Section 48 publicity
As existing site features plan
Walkway level sheet 2 of 3
Book of plans - section 17
S48-P1-17X-BLABF-000210
July 2012

Thames Water Utility
Guide: Public water supply works - Power Tunnel
Reinstated post-construction embankment wall to be Stone parapet on extended and access platform with adjacent wooden dolphin.

Concrete only structure and piles

Concrete ramp and steps with handrails and associated landings

Concrete building (offices) and padd platform together with support wharf: depth and access platform

Authorized channel

Mean low water

Part of Blackfriars Bridge omitted for clarity

Concrete steps to be reinstated post-construction

Stone parapet on embankment wall

Ladder

= Limits of land to be acquired or used (LLAU)

= Above ground structures to be removed

= Below ground structures to be removed or infilled

= Structure to be removed and relocated or reinstated

For Approval

Location

Blackfriars Bridge Foreshore
City of London

Document Information

Section 48 publicity

Demolition and site clearance

Sheet 3 of 3

Book of plans – section 17

SAS-INF-1TX-BLAF-005214

July 2012

Thames Water Utilities Ltd 2008
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>Ventilation column(s) serving the shaft</td>
<td>8.9m (4.0m)</td>
</tr>
<tr>
<td>Ventilation column(s) serving Peel Connection Culvert</td>
<td>8.9m</td>
</tr>
<tr>
<td>Ventilation column(s) serving Northern Low Level Sewer No. 1</td>
<td>8.9m</td>
</tr>
<tr>
<td>Electrical and control knuckle(s) at embankment level</td>
<td>2.5m</td>
</tr>
<tr>
<td>Electrical and control knuckle(s) under bridge ramp</td>
<td>3.9m</td>
</tr>
</tbody>
</table>

Key:
- Limits of land to be acquired or used (LLAU)
- Zone within which permanent site structures would be located
- Zone within which the shaft would be located
- Zone within which permanent above ground structures would be located (these listed in Table 1)
- Zone within which required landscaping would 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 and its works, with allowances for construction tolerances and if applicable underdraining. Shaft construction company works may be located within or outside the zone provided they are located within the Limits of land to be acquired or used.
Zone within which Work No. 17b would be located

Zone within which Work No. 17a would be located

Zone within which embankment level wakeway and central barrier may be located

Zone within which ventilation column(s), serving the shaft may be located

Zone within which ventilation column(s) serving the access works crevice and the Northern Low Level Sewer No. 1 and new electrical and control works (under the bridge ramp) may be located

Zones within which access steps and ramps may be located

FOR INFORMATION

Blackfriars Bridge Foreshore
City of London

Document Information
Section 48 publicity
Site works parameter key plan
Book of plans - section 17
S64-IP-10XBLAB-IB00216
July 2012

Thames Tidal Tunnel
Graffham Software Solutions Tides meantime
Sheet 3

**Key Plan:**

- **Survey licence number 100019345**
- **Database right 2012. All rights reserved.**
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**Location:**

- Datum Newlyn.
- Tunnel Datum which is 100 metres below Ordnance OSGB36. All levels are in metres and relate to the tunnel datum.
- Coordinates are to be Ordnance Survey Datum and raised bed width of 3.4m between new ramp to be reconfigured to give a clear level over flood defence.

**Proposed landscaping (by others):**

- Walkway widened and raised bed
- Wall terminates at Thames Path
- Buildings and roads above shown defined
- Proposal for walkway level sheet 3 of 3
- Proposed trees
- Proposed landscaping (by others) shown grey

**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.
3. Access covers not shown on this drawing. Refer to the Permanent works layout for an indication of the extent of access covers required.

---

**Landscape Key:**

- Natural stone surfacing
- Concrete
- Steps / surfacing
- Tree plantings
- Multi-stem birch

---

**Blackfriars Bridge Foreshore**

City of London

**Section 48 publicity**

- Proposed site features plan
- Walkway level sheet 3 of 3
- Book of plans - section 17
- S48-PF-1TK-BLAFR-000225
- July 2012

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**Landing bank seat for Blackfriars Pier**

**Future landscaping**

- New bridge and jetty
- Blackfriars Pier
- Proposed trees
- Proposed landscaping (by others)

---

**Note:**

- Existing levels (shown in metres above tunnel datum)
- Proposed levels (shown in metres above tunnel datum)
- + 105.40m

---

**Scale:**

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

---

**INDICATIVE**

- Save for the layout of above ground structures which is illustrative.

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**Document Information:**

- S48-PF-1TK-BLAFR-000225
- July 2012

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**Proposal in Outline:**

- Blackfriars Underpass
- Buildings and roads above shown defined
- Bridge above Blackfriars Road
- Bridge above Blackfriars Rail
- New bridge and jetty
- Ramp and stairs over flood defence level
- Lands end seat for Blackfriars Pier
- Mean low water
Section AA

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 South (river) elevation

- Telephone House
- Audit House
- Embankment wall
- St Swithin’s College
- St Ives Bridge
- Southwark Bridge
- Public WC
- Underwater House
- Blackfriars Road Bridge
- Blackfriars Rail Bridge (pre-development)

Existing wall pier retained to mark intervention. Ventilation columns mounted above of 4m maximum to 8m height, above surrounding road level.

New foreshore structure

Proposed South (river) elevation

- Fitted CSG position
- Trees up ramp
- Viewing platform
- Extended undercroft area
- Existing Fleet CSO (pre-development)
- Blackfriars Rail Bridge (pre-development)

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

Proposed West elevation

Notes:
1. All dimensions and levels are approximate.
N.B. No access to highway for buried services survey as of 21/03/12

Key:
- = Limits of land to be acquired or used (LLAU)
- = Hoarding
- = - = Existing public right of way
- = Maximum extent of working area
- = Temporary diversion of right of way
- = Site access
- = Access / haul route
- = Existing sewers
- = Sheet piles
- = Sheet piles
- = Sheet piles
- = Sheet piles
- = Sheet piles
- = Extent of temporary working area over the foreshore

Notes:
1. These construction phasing plans have been prepared to indicate the key layouts for the principal construction phases. Contractors may be asked to lay plans out differently during construction depending on their preferred construction methods subject to any controls on layout imposed through the planning submission and approval process.
2. Traffic management plans for construction phases of the works would be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.

Notes continued:
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.
5. Gate position is alter to suit construction progress.
6. Existing flood defence levels to be maintained at all times.