Putney Bridge

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

Mean low water

Connection tunnel

Main tunnel

Mean low water

For information

Book of plans - section 6

548-PP-06X-FLTEC-00054

July 2012

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London Borough of Richmond Upon Thames

London Borough of Hammersmith & Fulham

London Borough of Wandsworth

Putney Embankment Foreshore

Putney Bridge

Putney Bridge connection tunnel

Temporary slipway connection tunnel

Temporary slipway location

Putney Embankment

Putney Embankment

Putney Embankment Temporary Slipway

Putney Bridge

Putney Bridge

Putney Bridge

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Putney Bridge
This drawing is to be Ordnance Survey Datum OSGB303. All axes are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Key:
- Limits of land to be acquired or used (LLAU)
- Existing public right of way
- Route of temporary diversion of right of way
- Existing right of way temporarily stopped up
- Area of highway to be temporarily stopped up
- Access to permanent works
- 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.

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Section Information
Section 68 publicity
Temporary slipway - across plan
Book of plans - section 6
S49-AC-06X-PUTEF-000055
July 2012

Thames Water Utilities Ltd 2008

Putney Embankment Foreshore
London Borough of Wandsworth
Existing houses to be temporarily removed for part of the construction period

Modification to existing river wall to enable connection of new permanent handlanding area works to include removal of handrailings

Sections of existing pedestrian footway and upper sections of allowy to be removed to enable strengthening for vehicle loading. Existing paving slabs to be removed, stored and reinstated upon completion of works where possible.

5 no. Lidded bollards to be removed, stored and reinstalled in new location.

Modification to existing river wall to enable connection of new permanent river wall

The entire slipway will not be demolished.

Low level modification replacing existing slipway to enable connection of new permanent handlanding area. Low level areas of existing granite paving to be removed, stored and reinstated upon completion of works.

Possible temporary relocation of existing slipway.

Cable ducts to be connected through river wall below ground level

Removal of existing timber foreshore to enable construction of temporary and permanent works.

Key:

- Limits of land to be acquired or used (LLAU)
- Trees to be pruned
- Above ground structures to be removed
- Structure to be removed and relocated or reinstated

Notes:

1. Area of foreshore will require dredging prior to formation of temporary working area.
2. Formation of temporary working area not illustrated, refer to construction planning layout/section drawings.
3. Minor items to be removed (e.g. barriers, bollards, etc.) are not shown.
4. General activities of site clearance such as removal of handlanding and foundations, stripping of paving and clearance of minor vegetation not shown.
Existing stone paved outfall apron located beneath bridge arch

Modification of bridge structure

FOR APPROVAL

Submit
Putney Embankment Foreshore
London Borough of Wandsworth

Document Information
Section 48 publicity
Demolition and site clearance
Sheet 2 of 3
Book of plans – section 6
S48-PP-05X-UTF7-00047
July 2012

MMR5 8QZ

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Key:
- Limits of land to be acquired or used (LLAU)
- Trees to be removed
- Trees to be pruned
- Below ground structures to be removed or used (LLAU)

Notes:
1. Area of foreshore will require dredging prior to formation of temporary working area.
2. Formation of temporary working area not illustrated, refer to construction planning layout drawings.
3. General indication of site clearance such as removal of hardstanding and foundations, stripping of topsoil and clearance of minor vegetation not shown.
Boat slipway to be temporarily closed during construction and removal of temporary slipway. Boat slipway maintained, although temporarily reduced in width, during operational phase of temporary slipway.

Localised sections of existing slipway to be removed to enable installation of steel decking of slipway to be located to provide deck support. Steel decking of slipway to be located over existing footway. Localised modification required to footway, kerb and access slipway to enable slipway construction. Installation of support piles through existing footway to provide deck support.

Non-roadside rows to be temporarily relocated for part of the construction period.
Temporary slipway layout

**ILLEGIBLE**

**LIMITS OF LAND TO BE ACQUIRED OR USED (LLAU)**

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 topographical survey base, both of which have been used as bases for this drawing.
3. The 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.
4. This slipway is to be provided as a temporary replacement for the slipway at Putney Embankment foreshore site. It is proposed that this temporary slipway be removed once work on the permanent Embankment foreshore site is complete.

**NOTES:**

**LIMITS OF LAND TO BE ACQUIRED OR USED (LLAU)**

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 topographical survey base, both of which have been used as bases for this drawing.
3. The 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.
4. This slipway is to be provided as a temporary replacement for the slipway at Putney Embankment foreshore site. It is proposed that this temporary slipway be removed once work on the permanent Embankment foreshore site is complete.

**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 topographical survey base, both of which have been used as bases for this drawing.
3. The 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.
4. This slipway is to be provided as a temporary replacement for the slipway at Putney Embankment foreshore site. It is proposed that this temporary slipway be removed once work on the permanent Embankment foreshore site is complete.
Provision for solid fillet between new and existing river walls to reduce accumulation of new debris. Fillet to be added post construction if required.

Local electrical and control kiosk, high quality metal finish to signage.

Cobbles to match existing slipway.

Existing stone cobbles to be protected or removed during construction and re-installed.

Existing timber fenders relocated or used (LLAU).

Existing listed bollards relocated.

Proposed drop down/ removable bollards.

Proposed new fenders.

Proposed drop down removable bollards.

Proposed flush strip LED ground lighting.

Flush strip LED ground lighting.

Fluorescent strip lighting.

New riverwall with granite plank paving 200mm wide varying in length.

Granite plank paving 200mm wide varying in length.

New reconstituted stone coping stone.

New reconstituted stone coping stone.

New reinforced foreflood apron.

Reinforced foreflood apron.

Maintenance track.

Maintenance track.

Existing riverwall to be protected or removed during construction and re-installed.
Existing shore cobbles to be protected or removed during construction and re-used.

Coordinates are to be Ordnance Survey Datum 1936. All levels are in metres and relate to the survey base, both of which have been used in the preparation of this drawing.

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.

Notes:

St. Mary’s Church

Existing trees within surveyed area

Proposed landscape plan which is illustrative

St. Mary’s Church

Deal for the layout of above ground structures which is illustrative

Key:

- Levels of land to be acquired or used (LLAU)
- Zone within which permanent above ground structures would be located
- Existing levels (shown in metres above tunnel datum)
- Listed buildings/structures
- Existing trees within surveyed area

Location:

Putney Embankment Foreshore

London Borough of Wandsworth

Missed Opportunity

Proposed rebuild plan

Book of plans – section 6

SBS-PP-DAH-FLUT/FCT-000051

July 2012

Thames Water Utilities Ltd 2008

Keyplan:

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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.

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

Below ground works shown notionally

ILLUSTRATIVE

Location
Putney Embankment Foreshore
London Borough of Wandsworth

Document Information
Section 48 publicity
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Sheet 1 of 2
Book of plans - section 6
542-TP-GX/FTC-000058
July 2012

Proposed Section AA
Proposed Section AA

- Retractable bollards
- Electrical and control kiosk with brown roof:
- Finish to match existing wall
- Brown roof. Height and stone finish to match existing wall
- Bench seating
- Connection tunnel
- Ventilation column 4m maximum to 8m maximum high
- Local electrical and control kiosk high quality finish as signage 2m high above new foreshore level. Access via foreshore structure level
- CSO drop shaft
- 5 no. existing listed bollards relocated along Embankment footpath. See landscape plan for spacing

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.

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 ODN360. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

ILLUSTRATIVE

Location
Putney Embankment Foreshore
London Borough of Wandsworth

Document Information
Section 48 publicity
Section AA
Sheet 2 of 2
Book of plans – section 6
548-P1-06X/FUTCF-000057
July 2012

Page layout
Sheet 1 Sheet 2

10m
0 10m

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

Flood Defence Level 105.54
Mean High Water Springs 104.02
Mean Low Water Springs 98.12
Mean Tide Level 101.07
As Existing River Elevation

- Interception chamber under bridge with smooth concrete finish
- Ventilation column 6m
- Electrical and control kiosk with brown roof, tiles and stone finish to match existing wall
- Slipway / watermen's green

Proposed River Elevation

- Interception chamber
- Electrical and control kiosk

Notes:
1. All dimensions and levels are approximate.

Datum Newlyn.

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

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

Sheet layout

- Sheet 1
- Sheet 2

Scale: 1:200 if reproduced at A2
1:400 if reproduced at A3

Mean Tide Level: 101.07
Mean Low Water Springs: 98.12
Mean High Water Springs: 104.02
2011 Flood Defence Level: 105.54

London Borough of Wandsworth

Document Information

Section 48 publicity
As existing and proposed River elevation sheet 1 of 2
Book of plans – section 6
SAS-MP-GSKFL/TCF-000058
July 2012

Thames Water Utilities Ltd 2008

Keyplan:
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As Existing River Elevation

- Electrical and control kiosk with brown roof, height and stone finish to match seating wall
- Slipway / draw dock
- Relocated Putney Bridge CSO storm outlet
- New vertical timber fenders

Proposed River Elevation

- Ventilation column 4m minimum to 8m maximum high
- Bench seating
- Local electrical and control kiosk, high quality finish as signage
- Metal strip inlay marking the start of the boat race
- New foreshore structure

Notes:
1. All dimensions and levels are approximate.

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
July 2012
London Borough of Wandsworth
Putney Embankment Foreshore

2011 Flood Defence Level 105.54
Mean High Water Springs 104.02
Mean Low Water Springs 98.12
Mean Tide Level 101.07
As Existing West elevation

Pudsey Bridge
Waterman's Green
Lower Richmond Road
Richmond Mansions

Limit of survey
Listed stone faced bridge
Pudsey Bridge CBD

Line of foreshore shown notionally
Section cut through Waterman's Green

Ventilation column 6m high
Coved interception chamber with smooth concrete finish

Line of foreshore shown notionally
Section cut through Waterman's Green

Proposed West elevation

Interception chamber

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 site different temporary facilities depending on their preferred construction methods subject to any constraints or layout imposed through the planning permission or approval process.

2. Traffic management plans for construction phases of the works will be submitted to the local 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 new mitigation reducing noise barriers may be required but is not shown on this drawing.

5. Existing flood defence levels to be maintained at all times.

Notes:

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/exit route
- Existing sewers
- Sheet pile
- Extent of temporary working area over the foreshore

Section 48 publicity

Construction phases - phase 1
Site setup
Base of piles - section 6
S4S-PM-PSX/FL/TCC-000081
July 2012

Thames Water

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Coordinates are to be Ordnance Survey Datum ODN99. All axes are in metres and relate to the Datum which is 100 metres below Ordnance Datum NNM85.

Notes:

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 constraints on layout imposed through the planning submission and approval process.

2. Traffic management plans for construction stages 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.

5. Working area and draft limits of land to be acquired or used refers to underground vaults beneath cartageway. It is proposed to close cartageway.

6. Existing flood defence levels to be maintained at all times.

Notes continued:

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Temporary local slipway would be constructed prior to commencement of works at Purley Bridge site. Temporary slipway would be removed after works at Purley Bridge have finished.

Traffic management to maintain single lane alternative vehicle flow.

Stone, offices, welfare building to be located to avoid damage to trees.
Set up traffic management. See note 2

Shoreline Gateway

Delivery vehicles access point
Delivery vehicle onboarding area
Parking lay suspension, footway diverted into parking bays.

Mean low water level

Architect's Scale 1:1000
1:1000 if reproduced at A3

Thames Water Utilities Ltd 2008

Notes:
1. These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay sites 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 work would be submitted to the appropriate authority for approval. Where appropriate, online traffic management arrangements are shown.
3. Utility supplies to the construction of the works would be agreed with the relevant utility company.
4. Additional noise mitigation including noise barriers may be required but not shown on this drawing.

ILLUSTRATIVE

Publication
Thames Embankment Foreshore
London Borough of Wandsworth

Document Information
Section 48 publicity
Temporary slipway - construction phase
Reduced working area
Book of plans - section 6
S48-796X-FLTCF-00955
July 2012

Thames Water