Book of Plans

Doc Ref: 2.07

Barn Elms

AAP Regulations 2009: Regulation 5(2)(k), (o)

Hard copy available in
Box 61 Folder B
January 2013
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# Application for Development Consent: Book of Plans

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* Schedules of associated highway works are located in the *Transport Assessment*
Location:
Barn Elms

London Borough of Richmond Upon Thames

Document Information
Application for Development Consent
Access plan

Book of plans - section 7
DCG-PP-SXK-BAREL-070003
January 2013

Notes:
1. This plan does not show stopping up and diversions of limited duration (eg hoarding erection, minor utility diversions and minor highway works). Limits of land to be acquired or used (LLAU) are shown. The full extents of rights of way are not shown where they cease to be relevant to the project.
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.

Key:
- Limits of land to be acquired or used (LLAU)
- Existing public right of way
- Access to permanent works
- Access to construction works

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

Thames Water Utilities Ltd 2008

Keyplan:
Survey licence number 100019345
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Matchline: Sheet 3

Matchline: Sheet 1

Removal of existing grass, top soil and sub soil to enable construction of both construction access and permanent access routes.

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

Notes:
1. Temporary construction access route to be enclosed on both sides by secure fencing approximately 2 dm high.
2. Demolition and site clearance shown for construction access only.
3. Minor items to be removed (e.g. barriers, bollards etc.) are not shown.
4. General activities of site clearance such as removal of hardstanding and foundations, stripping of topsoil and clearance of minor vegetation not shown.

Sheet Layout

FOR APPROVAL

Location
Barn Elms
London Borough of Richmond Upon Thames

Document Information
Application for Development Consent
Demolition and site clearance
Sheet 2 of 4
Book of plans - section 7
DCO-PP-04X-BAREL-070005
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames
Sheet Layout

Notes:
1. Temporary construction access route to be provided on both sides by secure fencing approx 2.4m high and enclosed on both sides by secure fencing.
2. Temporary construction access route shown for construction access only.
3. Minor items to be removed (e.g. barriers, bollards etc.) are not shown.
4. General activities of site clearance such as removal of hardstanding and foundations, stripping of topsoil and clearance of minor vegetation not shown.

FOR APPROVAL

Location:
Barn Elms
London Borough of Richmond Upon Thames

Document Information
Application for Development Consent
Demolition and site clearance
Sheet 3 of 4
Book of plans - section 7
DCO-PP-04X-BAREL-070006
January 2013
1. Temporary construction access route to be enclosed on both sides by secure fencing approximately 2.4m high.
2. Demolition and site clearance shown for construction access only.
3. Minor items to be removed (e.g. barriers, bollards etc.) are not shown.
4. General activities of site clearance such as 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>Integrated electrical kiosk(s) and ventilation column(s) and habitat enclosure</td>
<td>6.0m (4.0m)</td>
</tr>
</tbody>
</table>

Notes:
1. All dimensions and levels are approximate.
2. The Site Works Parameter Key Plan identifies the zones within which: permanent structures, site works, landscaping, temporary works, structures, ventilation columns, and electrical and control kiosks would be located. The zones are to be used to illustrate the location and extent of proposed work. Permittee can locate structures within or outside of the zones as they choose. A tolerance of 100m is provided for the location of structures.
3. 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, foundation and underpinning. 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
Location: Barn Elms
London Borough of Richmond Upon Thames

Document Information
Application for Development Consent
Site works parameter key plan

FOR INFORMATION

1. All dimensions and levels are approximate.
2. The Site Works Parameter Key Plan identifies each zone independently. The zones are identical to those shown on the site works parameter plan.
3. 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 the zone and temporary works located within the Limits of land to be acquired or used.

Notes:

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
Limits of permanent access
Zone within which required landscaping would be located

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
- Limits of permanent access
- Zone within which required landscaping would be located

Barn Elms Schools Sports Centre

Zone within which ventilation columns and shaft and control kiosk(s) would be located

Zone within which Work No. 4a would be located

Zone within which permanent above ground structures would be located

Zone within which permanent access would be located

Zone within which ventilation columns and shaft and control kiosk(s) would be located

Zone within which required landscaping would be located.
Location:
Barn Elms
London Borough of Richmond Upon Thames

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 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 permanent access
- Limits of permanent access (LAU)
- Proposed access route
- Existing sewers
- Proposed access cover
- Existing level (shown in metres above tunnel datum)
- Zone within which permanent site structures would be located
- Zone within which the shaft would be located
- Zone within which permanent above ground structure would be located
- New access route
- Limits of permanent access

Access for maintenance vehicles approx. 3m in width
Temporary access to be provided in this area
Permanent access for maintenance vehicles
Location
Barn Elms
London Borough of Richmond Upon Thames

Application for Development Consent
Section AA

Book of plans - section 7
DCD-PF-34X-BAREL-070014
January 2013

Thames Tideway Tunnel
Creating a home, healing the Thames

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

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<td>Interception chamber</td>
<td>Valley chamber</td>
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<tr>
<td>CSO drop shaft</td>
<td>Connection tunnel to main tunnel</td>
</tr>
<tr>
<td>Operations within habitat enclosure</td>
<td>Cladding to be filled with suitable media to attract different species of animals and invertebrates. Exact media to be agreed</td>
</tr>
<tr>
<td>Operational maintenance hardstanding area</td>
<td>Minorized grass system to allow natural plant growth</td>
</tr>
<tr>
<td>Chain line fence to be reinstated along the boundary</td>
<td></td>
</tr>
</tbody>
</table>
As existing North elevation

1. Integrated electrical and control leads and ventilation structure. Both surrounded by a habitat enclosure with a planted brown roof cladding to be filled with suitable media to attract different species of animals and invertebrates. Cladding to be agreed.

2. Earth slope graded into existing sports field.

3. Operational maintenance hardstanding area approximately 720mm above sports field level with reinforced grass system to allow natural plant growth.

4. Opening within habitat enclosure cladding to be filled with suitable media to attract different species of animals and invertebrates.

5. Chain link fence to be reinstated along the boundary.

6. Chain link fence to be maintained.

Proposed North elevation

1. Electrical and control leads/ ventilation structure/habitat enclosure.

2. Operational maintenance hardstanding area.
Notes:
1. All dimensions and levels are approximate.
South elevation

North elevation

Section

False door panel to conceal maintenance door to match existing cladding

Maintenance door

Electrical and mechanical room

Fair faced in situ concrete cast structure

Rainwater downpipe

Birds and invertebrates habitat shelves with suitable media. Shelves shown notionally. Actual shelf sizes and configuration to suit animal species to be agreed

Actual shelf sizes and configuration to suit animal species to be agreed

Birds and invertebrates habitat shelves with suitable media. Shelves shown notionally. Actual shelf sizes and configuration to suit animal species to be agreed

Rainwater downpipe

Planted brown roof

Planted brown roof

Planted brown roof

Birds, bats and invertebrates habitat shelves with suitable media. Shelves shown notionally. Actual shelf sizes and configuration to suit animal species to be agreed

Actual shelf sizes and configuration to suit animal species to be agreed

Rainwater downpipe

Planted brown roof

Planted brown roof

Planted brown roof

Rainwater downpipe

Planted brown roof

Notes:
1. All dimensions and levels are approximate.
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