Application for Development Consent
Application Reference Number: WWO10001

Book of Plans
Doc Ref: 2.16
Heathwall Pumping Station
APFP Regulations 2009: Regulation 5(2)(k), (o)

Hard copy available in
Box 62 Folder A
January 2013
## Application for Development Consent: Book of Plans

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* Schedules of associated highway works are located in the Transport Assessment.
FOR APPROVAL

Location

Heathwall Pumping Station
London Borough of Wandsworth

Document Information

Application for Development Consent
Access plan

Book of plans - section 16
DCD.PP-14X-HEAPS-160033
January 2013

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Key:
- Limits of land to be acquired or used (LLAU)
- Existing public right of way
- Provision of permanent permissive right of way
- Area of temporary suspension of public rights of navigation
- Area of permanent extinguishment of public rights of navigation
- Access to permanent works
- Access to construction works

Notes:
1. This plan does not show stopping up and diversions of limited duration (e.g. 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.
3. This drawing shows the LLAU associated with the Heathwall Pumping Station site only.
Locality: Battersea Barge

Document Information:
Application for Development Consent
Demolition and site clearance

Location:
Heathwall Pumping Station
London Borough of Wandsworth

FOR APPROVAL

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

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

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### Table 1

<table>
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<th>Ground permanent structure</th>
<th>No.</th>
<th>Maximum height above finished ground level</th>
</tr>
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<tbody>
<tr>
<td>Ventilation column(s) serving the shaft</td>
<td>8.0m</td>
<td>(4.0m)</td>
</tr>
<tr>
<td>Ventilation column(s) serving the SWSR interception chamber</td>
<td>8.0m</td>
<td>(4.0m)</td>
</tr>
<tr>
<td>Ventilation column(s) serving the Heathwall Pumping Station CSO interception chamber</td>
<td>8.0m</td>
<td></td>
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<tr>
<td>SWSR interception and flap valve chamber</td>
<td>1.5m</td>
<td></td>
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### Maximum extent of top of river/parapet wall

- Top of intertidal zone: 46.05m minimum to 106.41m maximum
- Top of permanent structure: 105.41m minimum to 105.85m maximum

### Notes:
1. All dimensions and levels are approximate.
2. The Site Works Parameter Key Plan identifies the zone within which work No. 14a would be located.
3. The zone within which the shaft would be located would include all permanent works including small walls (including appropriate allowances for construction tolerance) and if applicable under-reaming. Shaft construction temporary works platform may be located within or outside this zone provided they are located within the Limits of land to be acquired or used.
**Document Information**

**Application for Development Consent**

**Location**

Heathwall Pumping Station

London Borough of Wandsworth

**Landscape plan**

Book of plans - section 16

**Indicative Landscape Plan**

Provision of 3 No. semi-mature London Plane trees

**Key:***

1. All dimensions and levels are approximate.
2. Any discrepancies 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. The above ground structures in the "Save for the 'Riverlight' scheme (by others)"
   - Existing trees within surveyed area (tree size vary)
   - Proposed trees

**Notes:**

1. Indicative Landscape Plan is shown grey
2. All designations in the "Save for the 'Riverlight' scheme (by others)"
3. Any discrepancy between the location of structures which is illustrative statement are those listed in table 1 on the Site works parameter plan.
4. Notes relating to the Permanent works layout for an indication of the extent of access covers required.

**Location:** Heathwall Pumping Station

London Borough of Wandsworth

**Book of plans - section 16**

DCO PP 14X HEAPS 160008

January 2013

**INDICATIVE**

Save for layout of above ground structures which is illustrative
As existing North elevation

Existing jetty to be retained

Secure steel fence and gates

Concrete river wall with horizontal grooves to mark river levels and vertical timber fenders

Ventilation columns 4m high

Consented 'Riverlight' development shown dotted

New Ems Pier subject to planning application

Notes:
1. All dimensions and levels are approximate.
2. Boats are not shown.

Proposed North elevation

Foreshore structure

Location
Heathwall Pumping Station
London Borough of Wandsworth

Document Information
Application for Development Consent
As existing and proposed North elevation
Book of plans - section 16
OCD PP 14X HEAPS 160010
January 2013

ILIUSTRATIVE
As existing East elevation

Proposed East elevation

Notes:
1. All dimensions and levels are approximate.
2. Boats are not shown.

Mean low water springs 97.76m AOD
Mean high water springs 103.96m AOD
2020 flood defence level 105.41m AOD
Vertical timber fender
Precast concrete panel
Horizontal grooves mark river levels and provide a habitat for plant and river animals
Internal timber fender forming part of balustrade
Rip-rap as required
Substructures shown notionally only

Granite paving
Precast concrete panel
Stainless steel balustrade post
Internal timber fender forming part of balustrade

Timber handrail
Vertical timber fender
Heathwall PS CSO
Horizontal grooves mark river levels and provide a habitat for plant and river animals
Stainless steel balustrade post
Precast concrete panel

INDICATIVE

Location
Heathwall Pumping Station
London Borough of Wandsworth

Document Information
Application for Development Consent
Typical river wall design intent

1. All dimensions and levels are approximate.
North elevation (behind foreshore) 1 of 2
Scale 1:100

North elevation (behind foreshore) 2 of 2
Scale 1:100

West elevation
Scale 1:100

South elevation 1 of 2
Scale 1:100

South elevation 2 of 2
Scale 1:100

East elevation
Scale 1:100

Notes:
1. All dimensions and levels are approximate.

Location
Heathwall Pumping Station
London Borough of Wandsworth

Document Information
Application for Development Consent
Fencing and gate design intent

Book of plans - section 16
DCG-PP-14K-HEAPS-160013
January 2013

Thames Tideway Tunnel
Creating a living waterfront for London

INDICATIVE

Secure steel gates
Fair-faced concrete retaining / dwarf wall
Architectural fencing composed of steel rectangular hollow sections from a concrete dwarf wall. PPC colour TBC to coordinate with Riverlight proposal

Sliding gate to shut off Thames Path when operational access to foreshore structure required
Wall to be reconstructed as part of Riverlight development (by others)

Steel fence above
Fence beyond
Existing brick wall
Existing entrance to pumping station building
Semi-mature London Plane tree (in front of wall)

Steel fence
Pedestrian gate
Substation

104.25
104.50
105.41
103.50
103.55
103.49
104.25
103.72
103.52
103.30
104.25

1m 0
10m
Scale 1:100 at A1
1:200 if reproduced at A3

Coordinates are to be Ordnance Survey Datum OG1996. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Mean High Water.
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.

1. 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.
2. Utility supplies for the construction of the works would be agreed with the relevant utility company.
3. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.
4. Offices and welfare at Kirtling Street site.
5. Existing flood defence levels to be maintained at all times.
6. Existing flood defence levels to be maintained at all times.
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.

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

5. Offices and welfare at Kirtling Street site.

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