

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Book of Plans

Doc Ref: **2.01**

Works Plans and Sections

AFP Regulations 2009: Regulation **5(2)(j)**

Hard copy available in
Box **61** Folder **A**
January 2013

**Thames
Tideway Tunnel** 
Creating a cleaner, healthier River Thames

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Application for Development Consent: Book of Plans

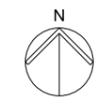
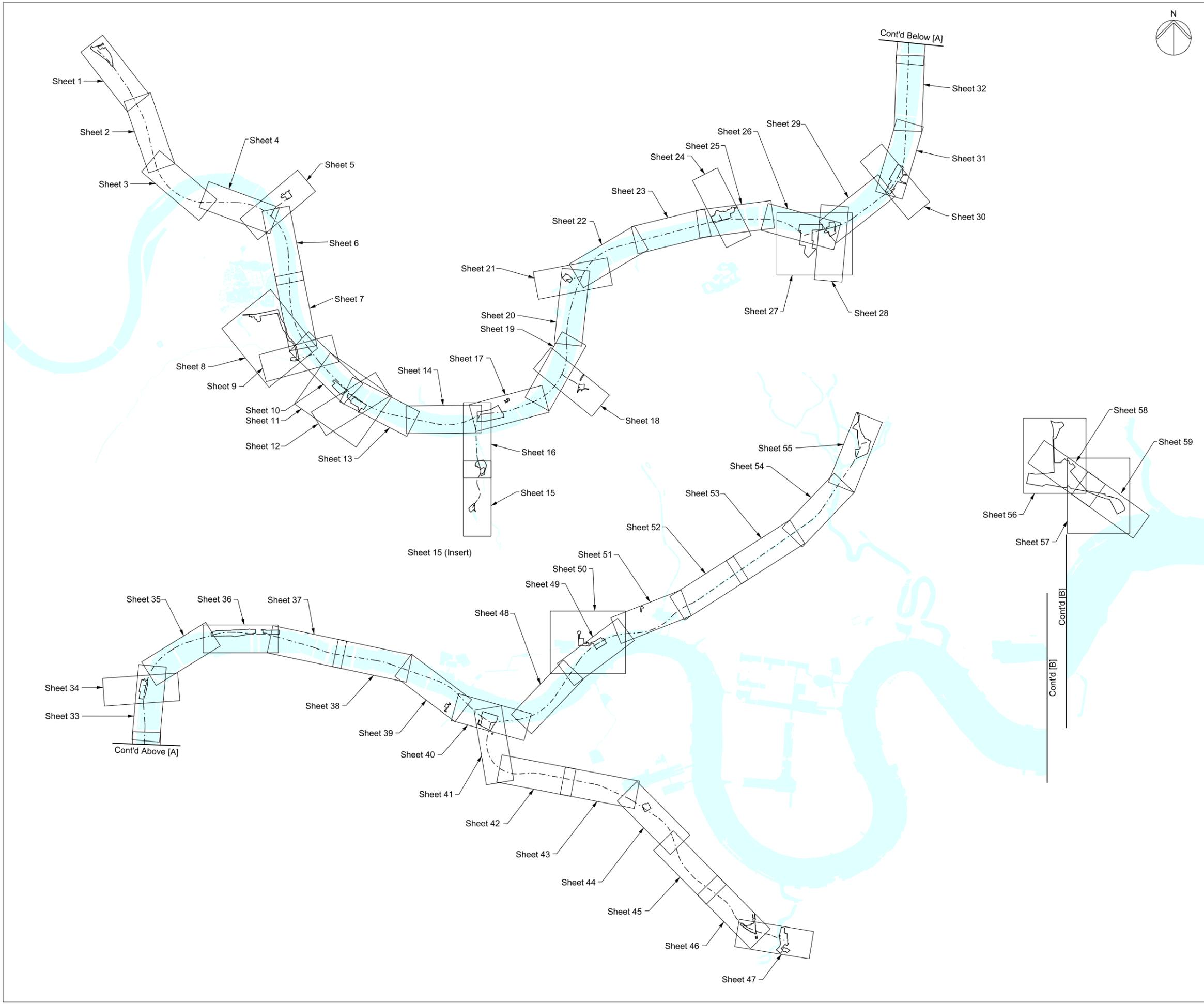
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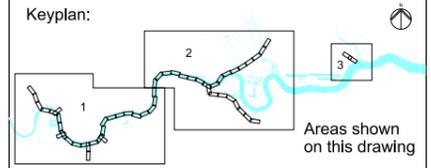
Volume 1

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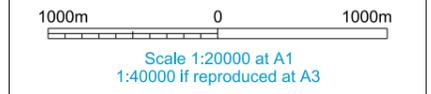
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

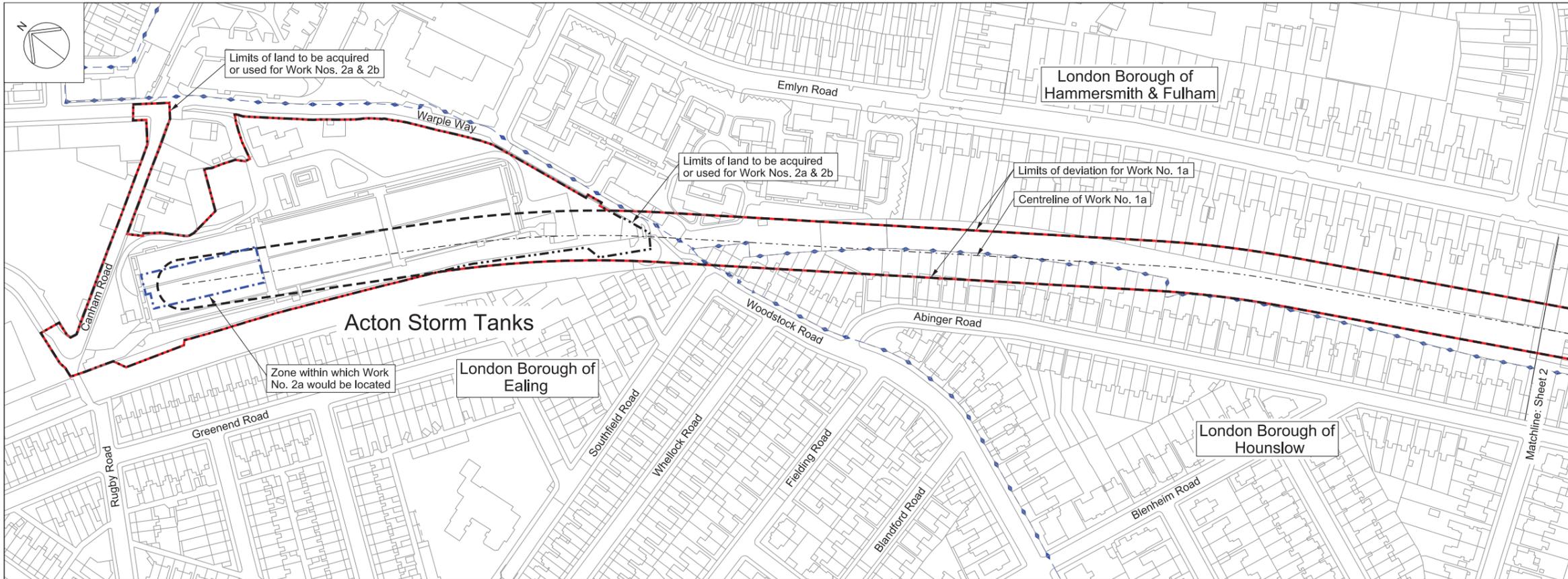


FOR APPROVAL

Location
Project wide
 London

Document Information
Application for Development Consent
 Works plan and section
 Sheet location plan
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010001
 January 2013





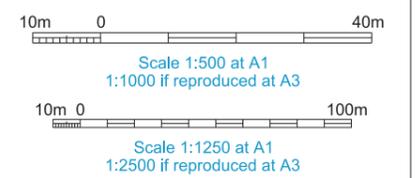
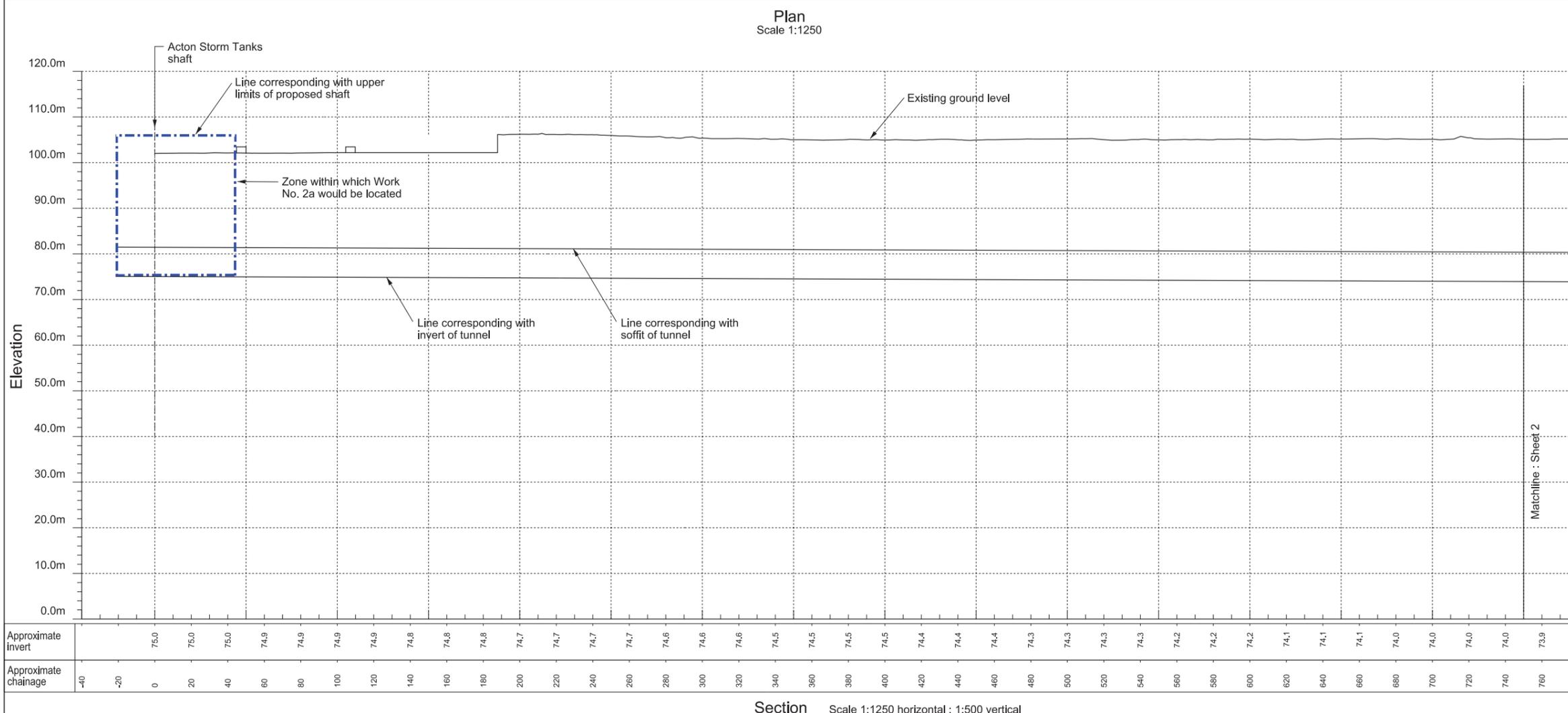
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- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:**
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 3. This section is drawn along the centreline of Work No. 1a.

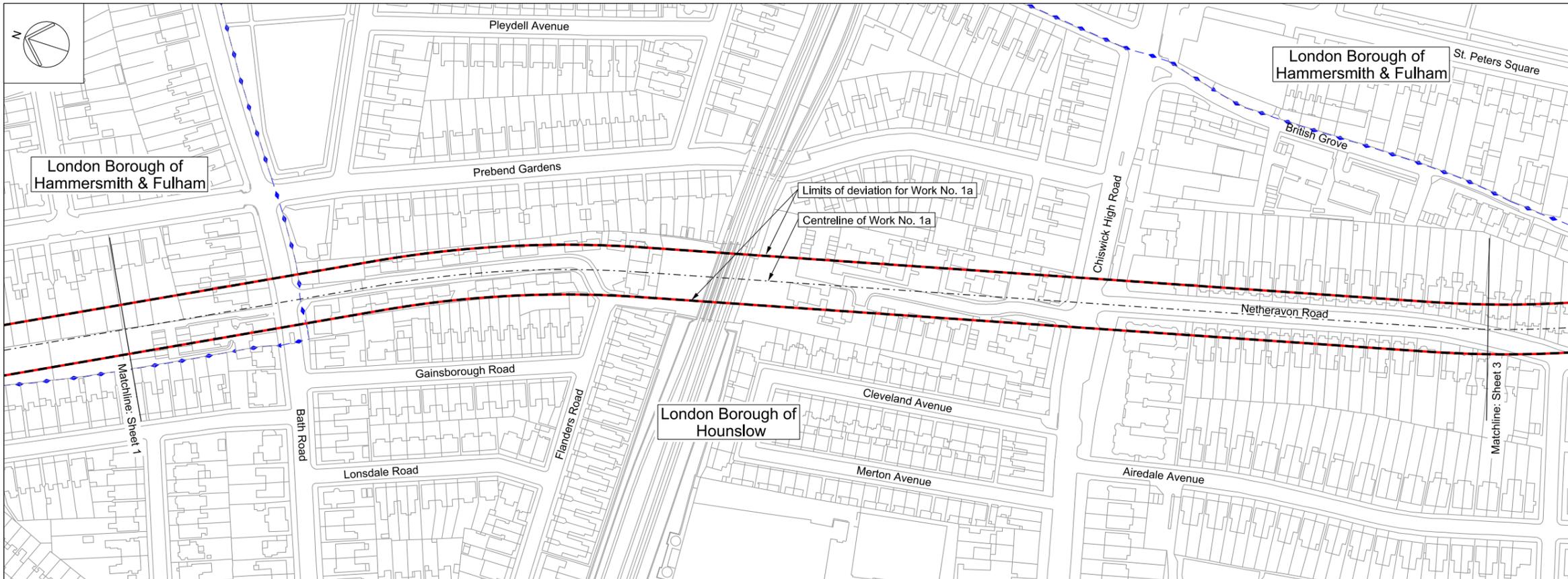


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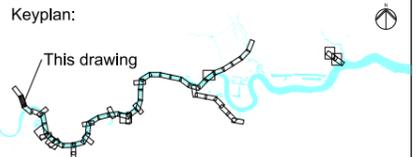
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Project wide
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Document Information
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Works plan and section
Main tunnel sheet 1
Book of plans - section 1
DCO-WP-000-ZZZZ-010002
January 2013





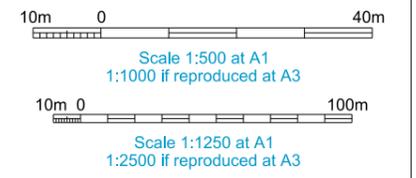
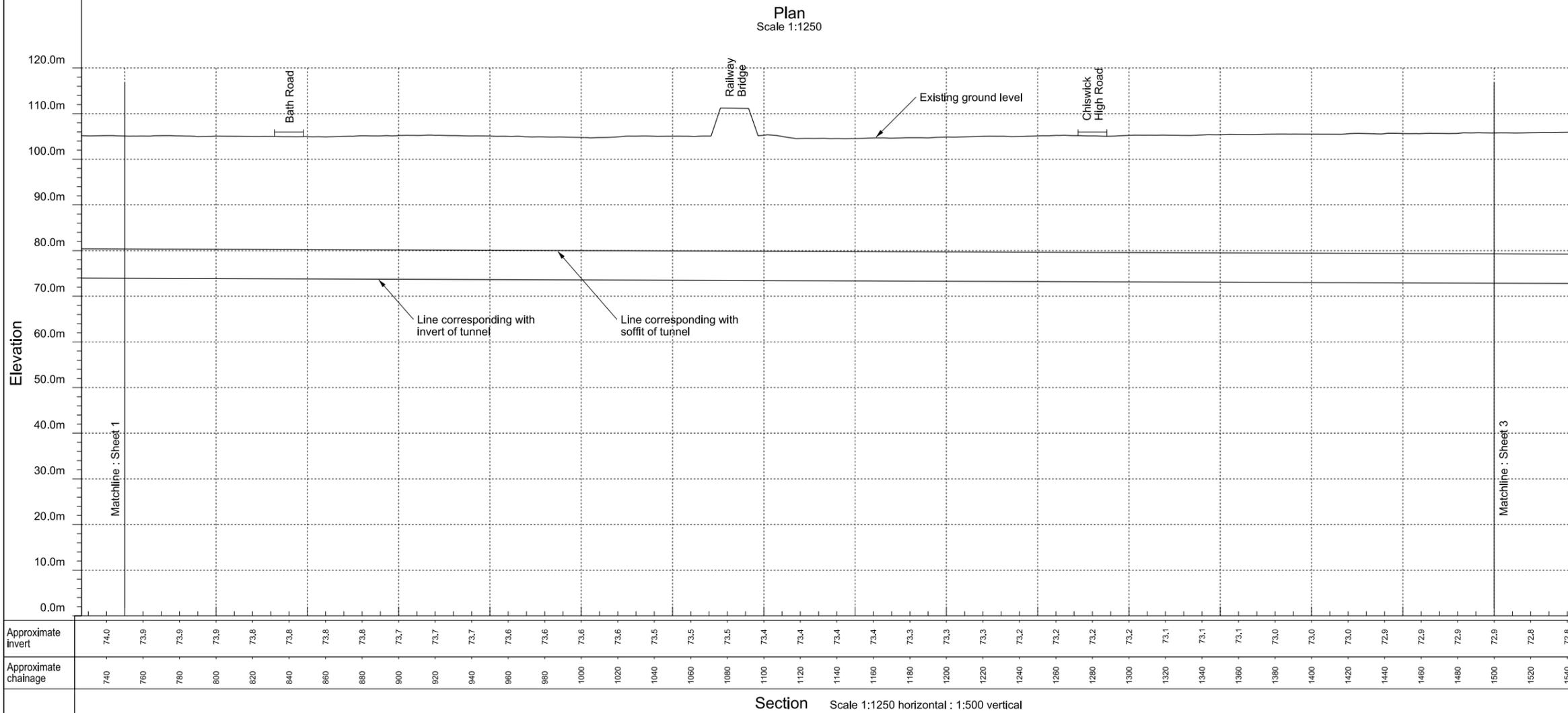
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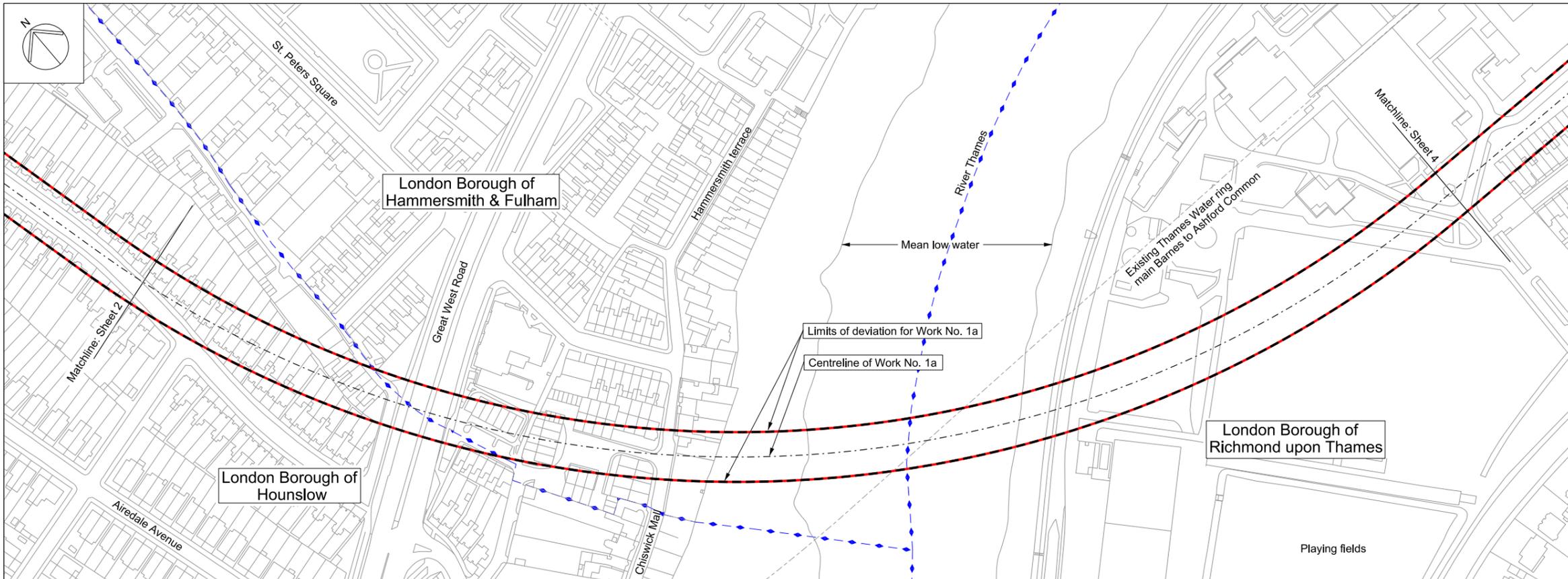
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Project wide
London

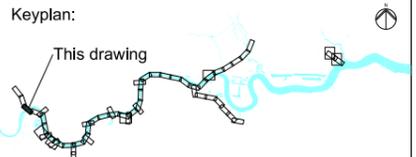
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Works plan and section
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Book of plans - section 1
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January 2013





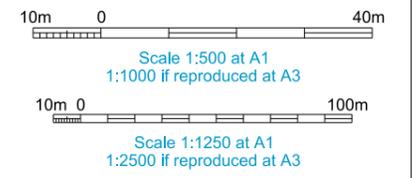
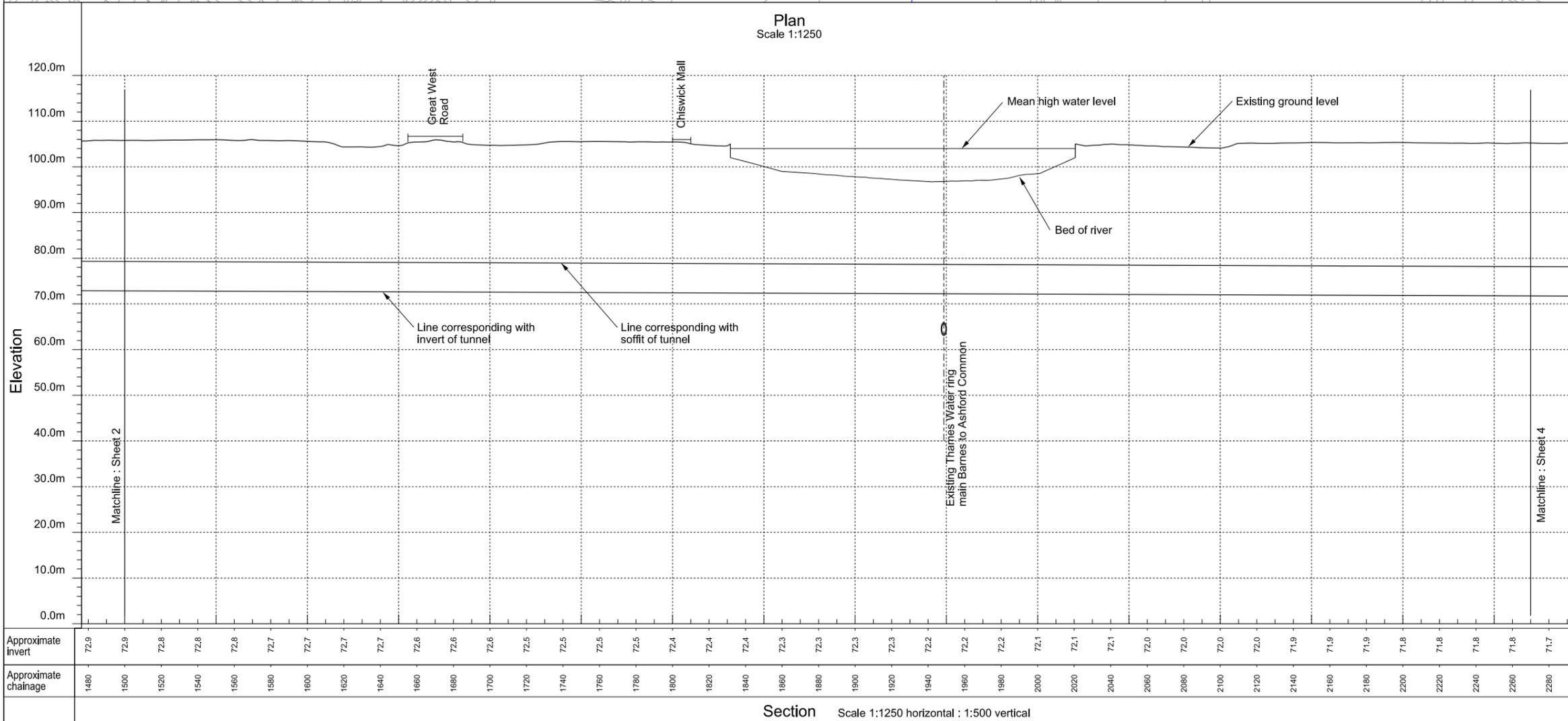
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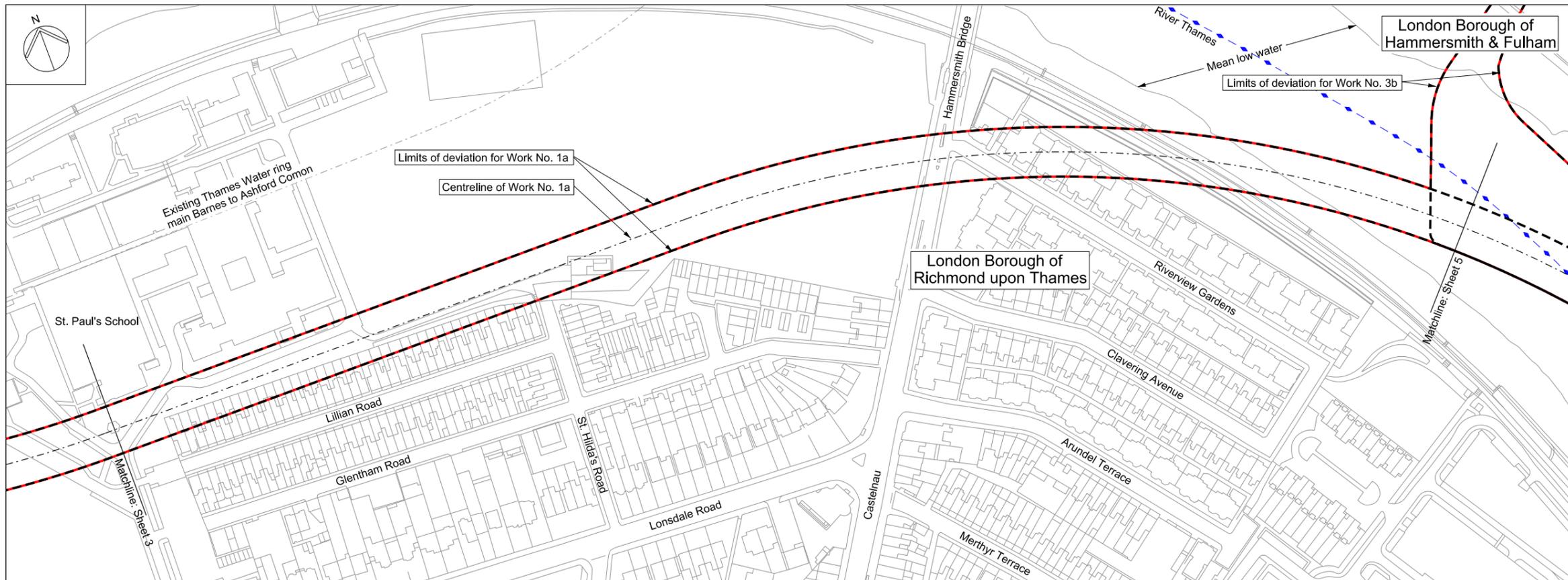


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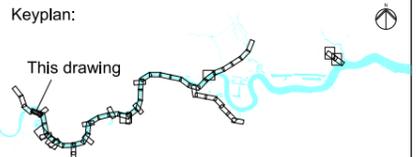
[Location](#)
Project wide
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[Document Information](#)
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 Book of plans - section 1
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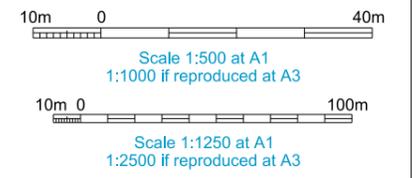
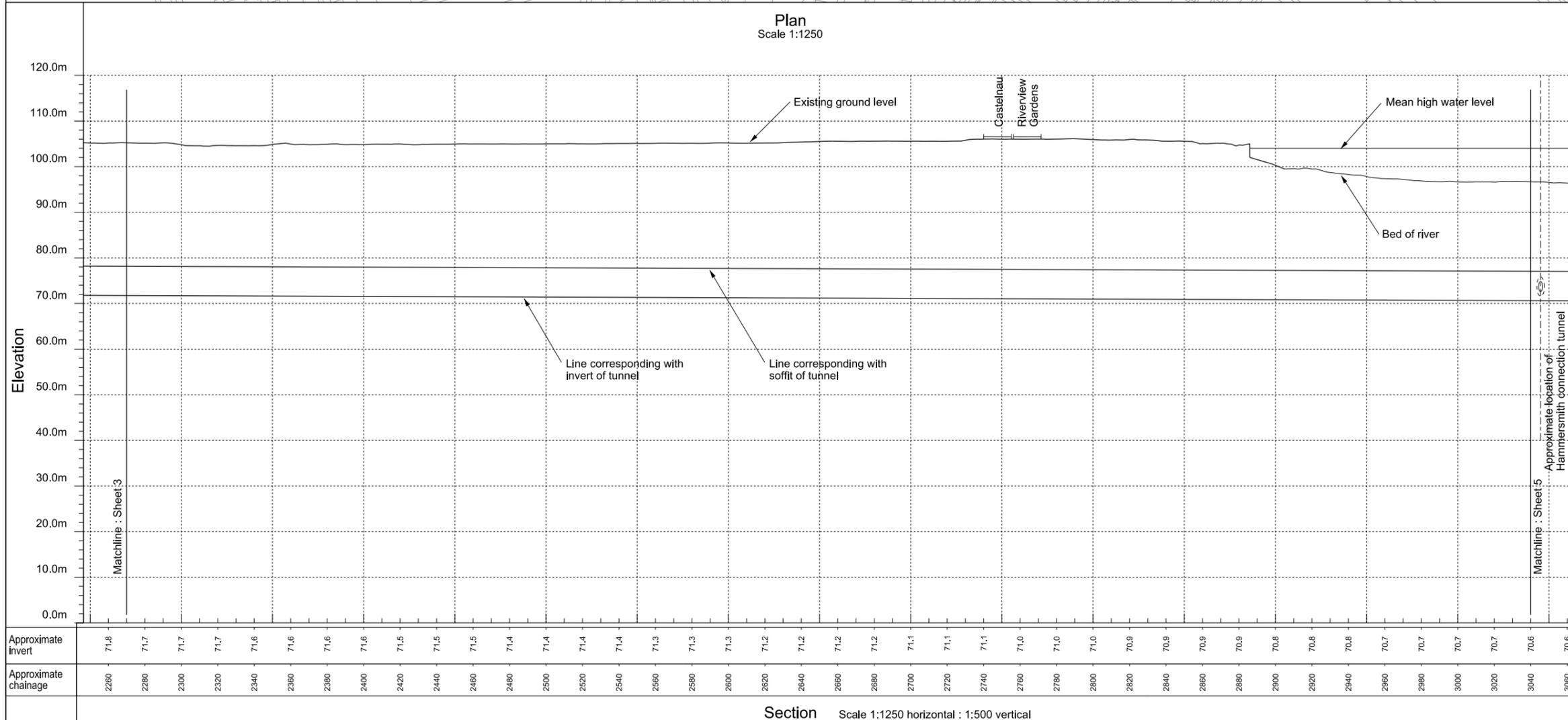
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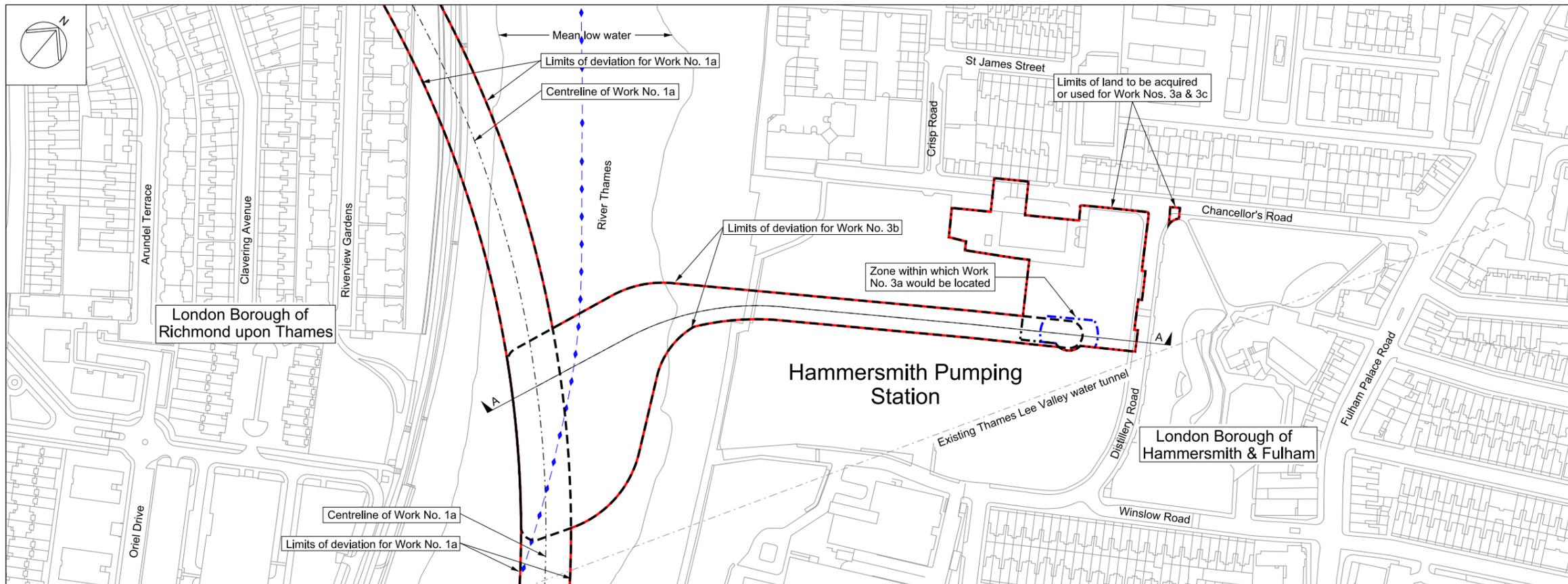


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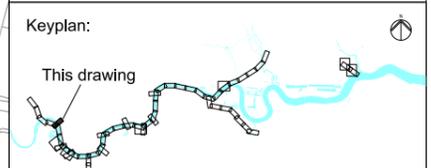
[Location](#)
Project wide
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 Works plan and section
 Main tunnel sheet 4
 Book of plans - section 1
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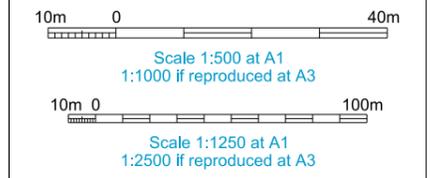
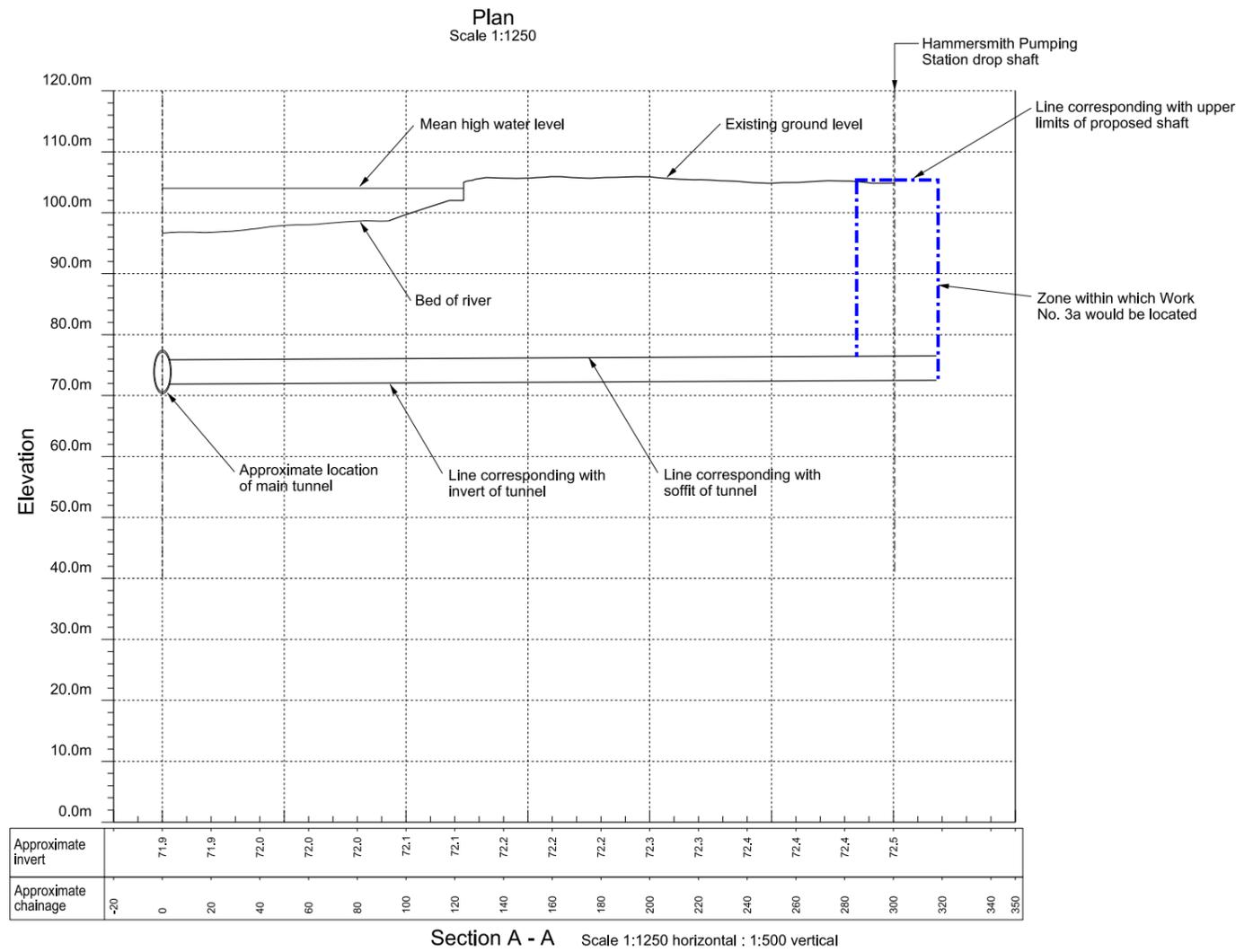
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- Key:**
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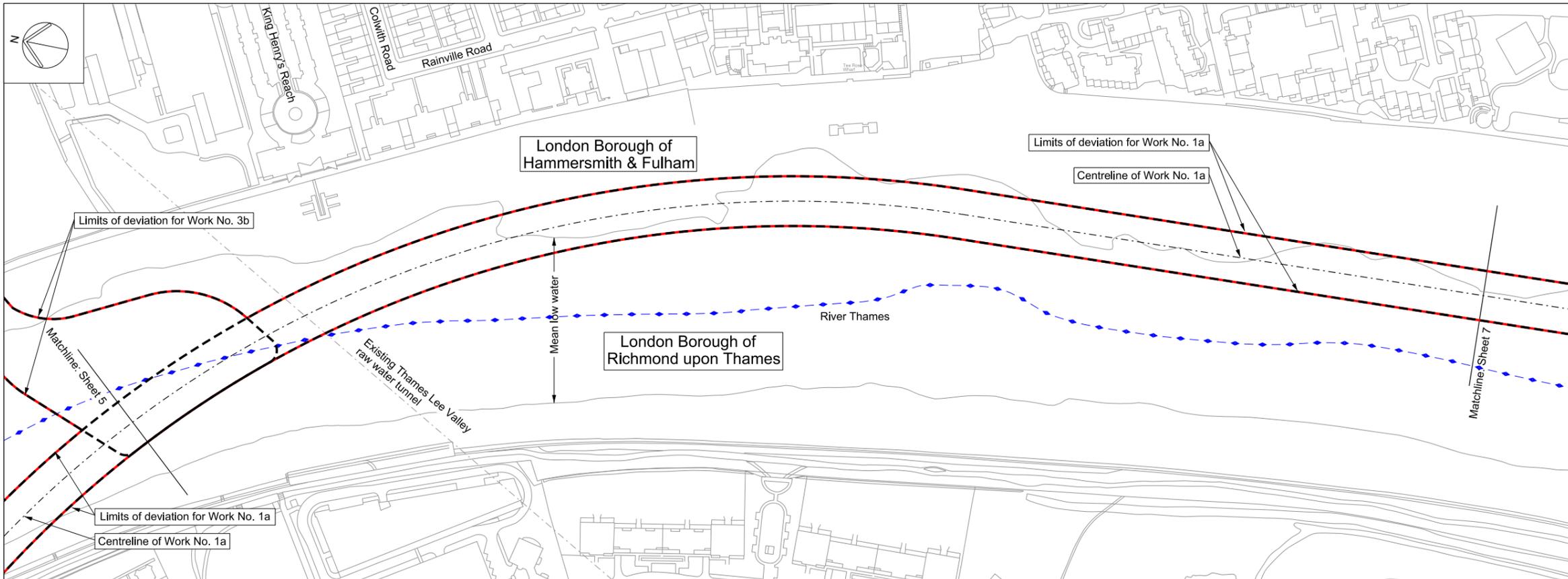


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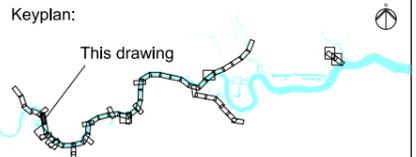
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Hammersmith connection tunnel sheet 5
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DCO-WP-000-ZZZZ-010006
January 2013





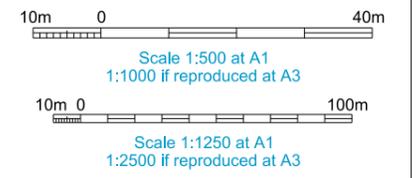
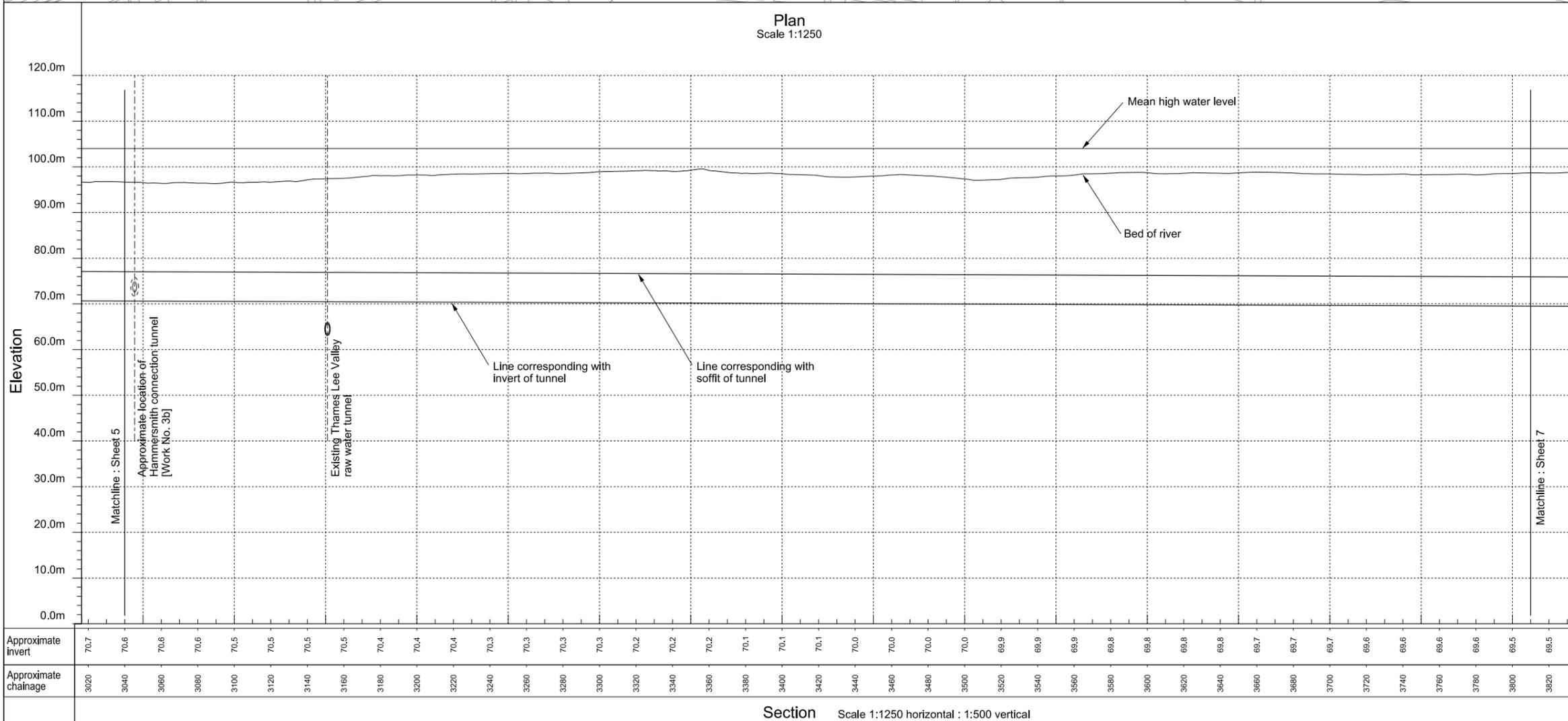
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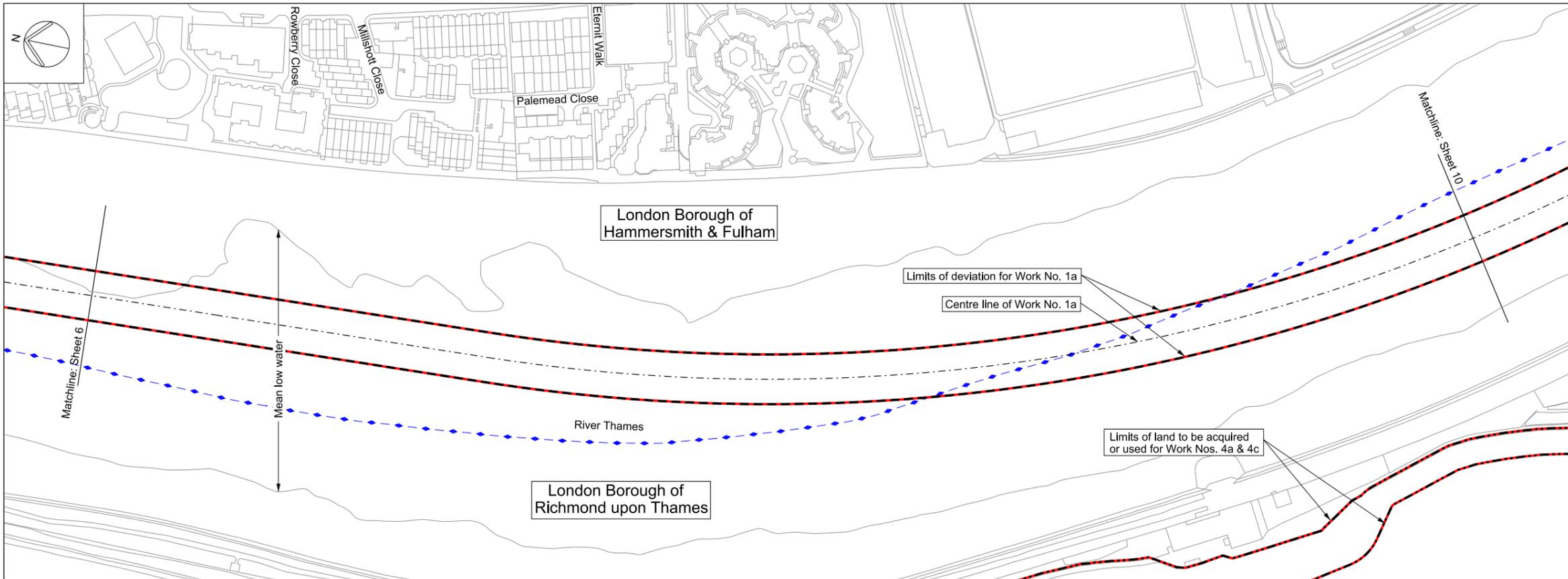


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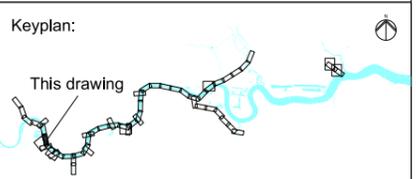
Location
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Application for Development Consent
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 Main tunnel sheet 6
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010007
 January 2013





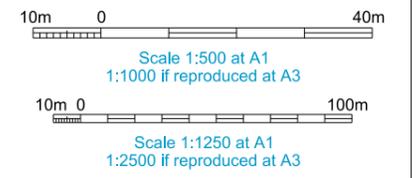
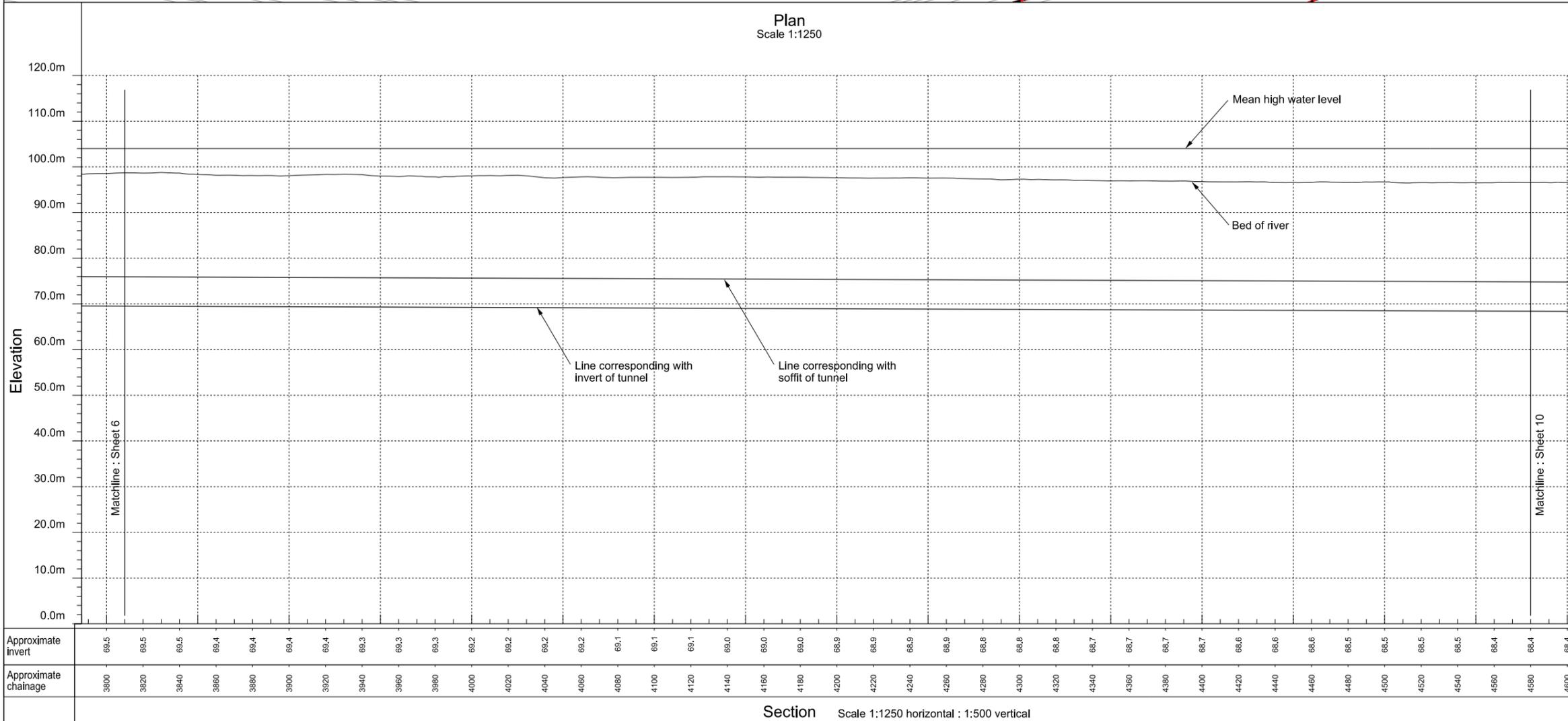
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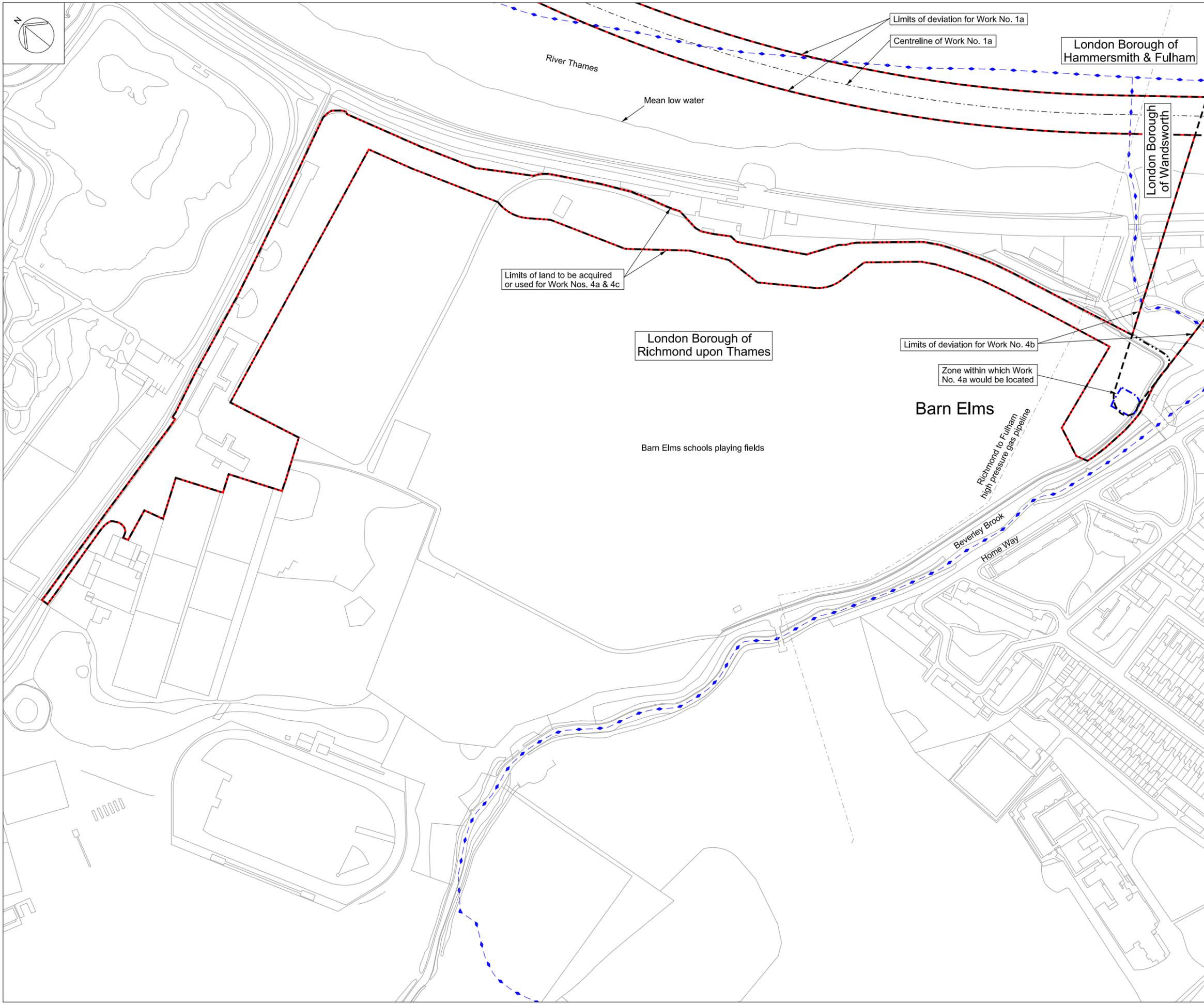


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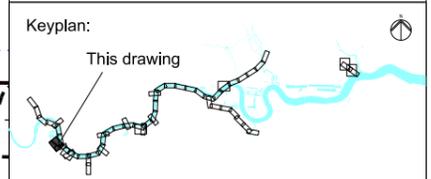
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 7
Book of plans - section 1
DCO-WP-000-ZZZZ-010008
January 2013



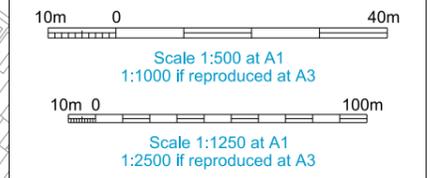


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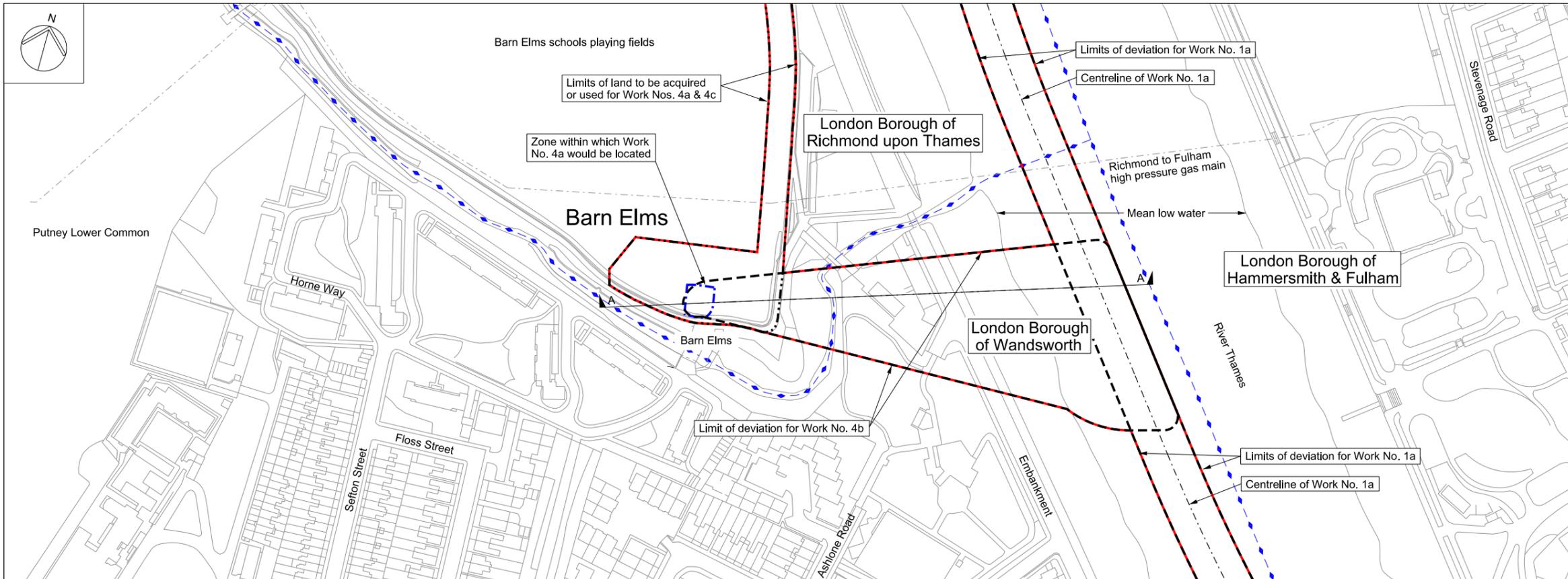


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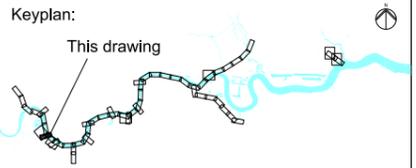
[Location](#)
Project wide
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[Document Information](#)
Application for Development Consent
 Works plan
 Barn Elms site sheet 8
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010009
 January 2013





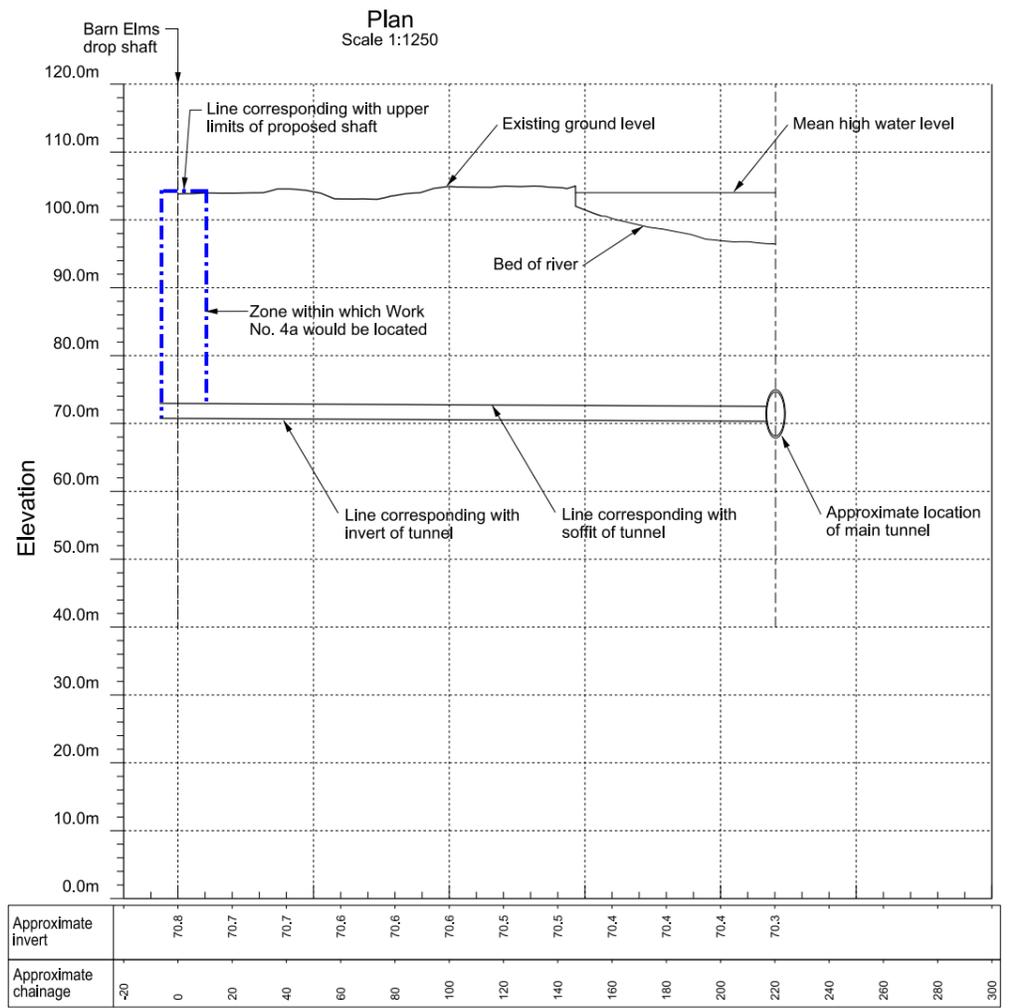
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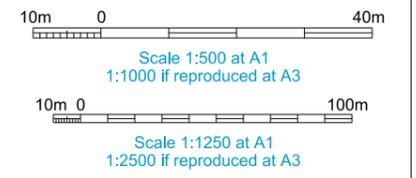
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Section A - A Scale 1:1250 horizontal : 1:500 vertical

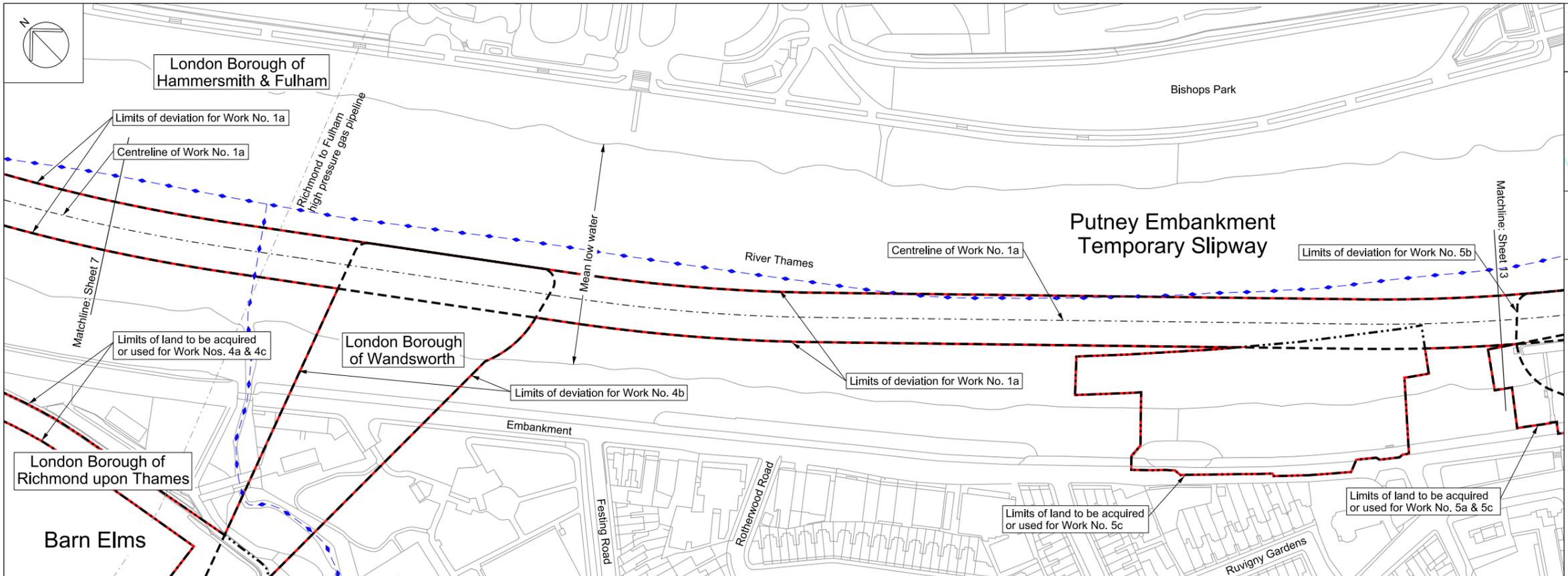


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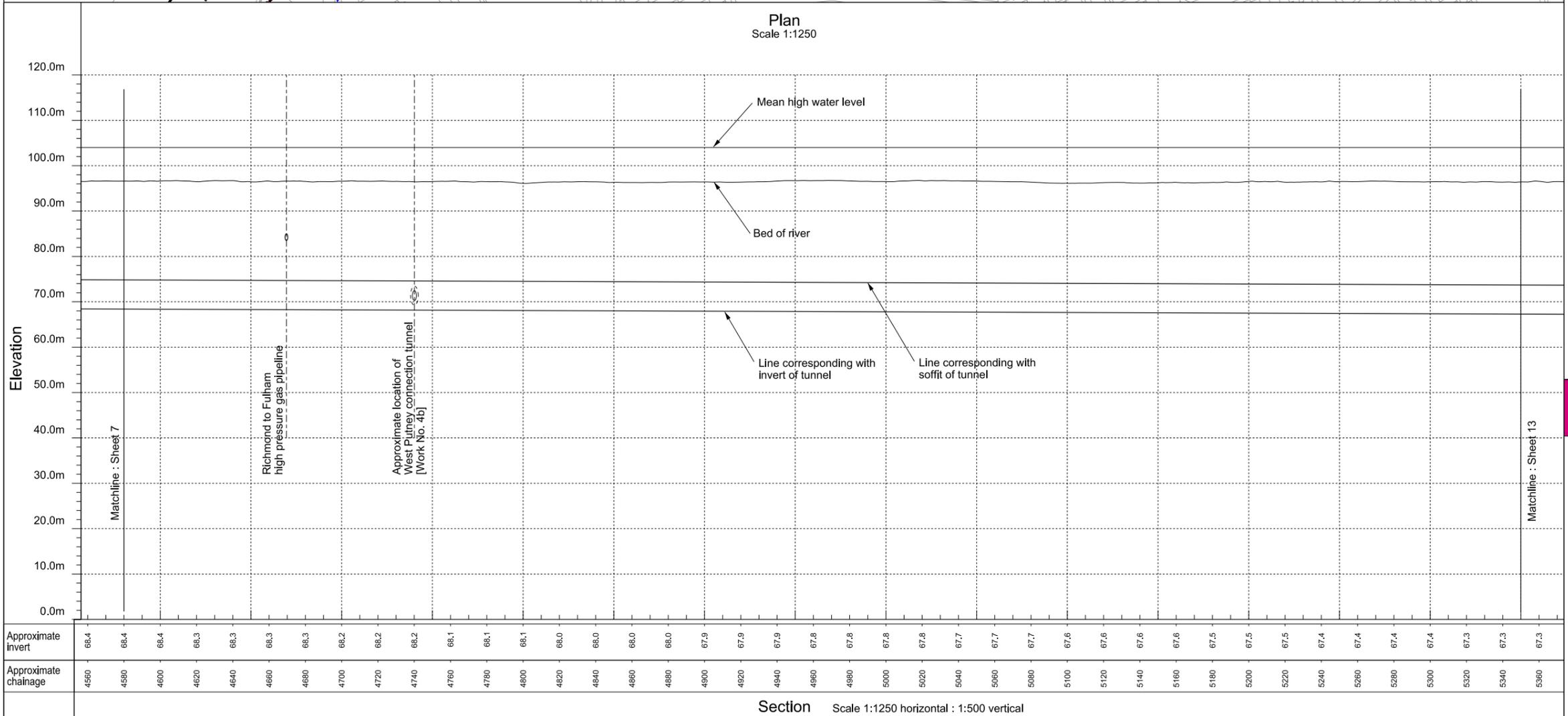
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
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 West Putney connection tunnel sheet 9
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010010
 January 2013



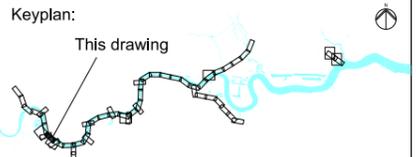


Plan
Scale 1:1250



Section Scale 1:1250 horizontal : 1:500 vertical

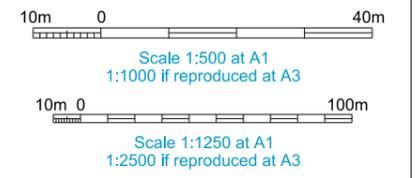
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:
- Local authority boundary
 - Order limits
 - - - Limits of land to be acquired or used (LLAU)
 - - - Tunnel limits of deviation (LOD)
 - - - Works centreline

- Notes:
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
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 3. This section is drawn along the centreline of Work No. 1a.

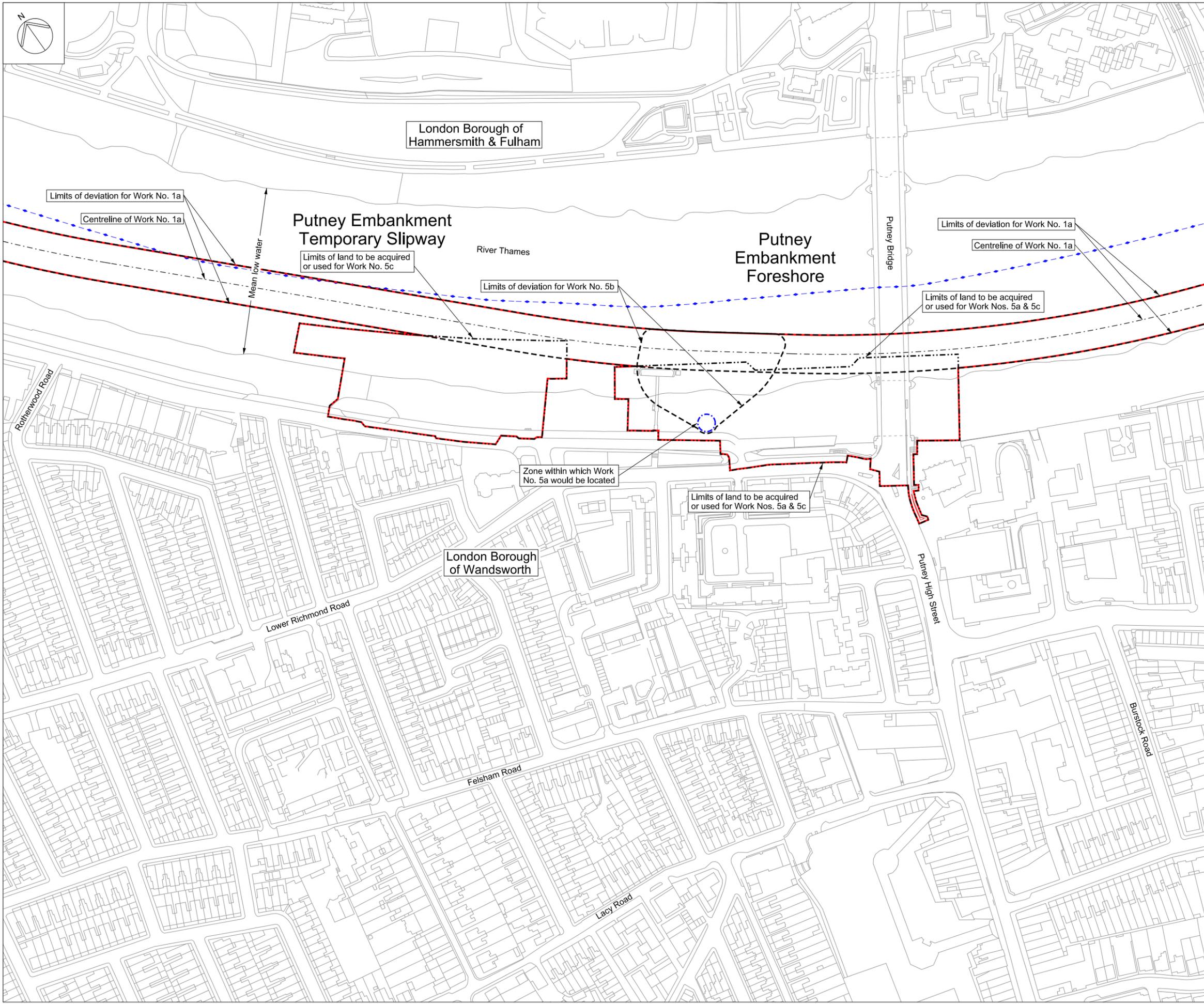


FOR APPROVAL

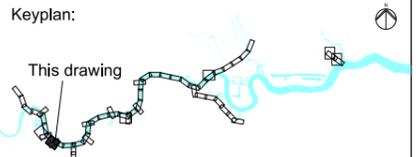
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 10
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010011
 January 2013



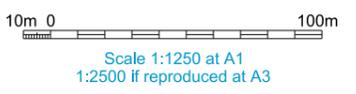


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

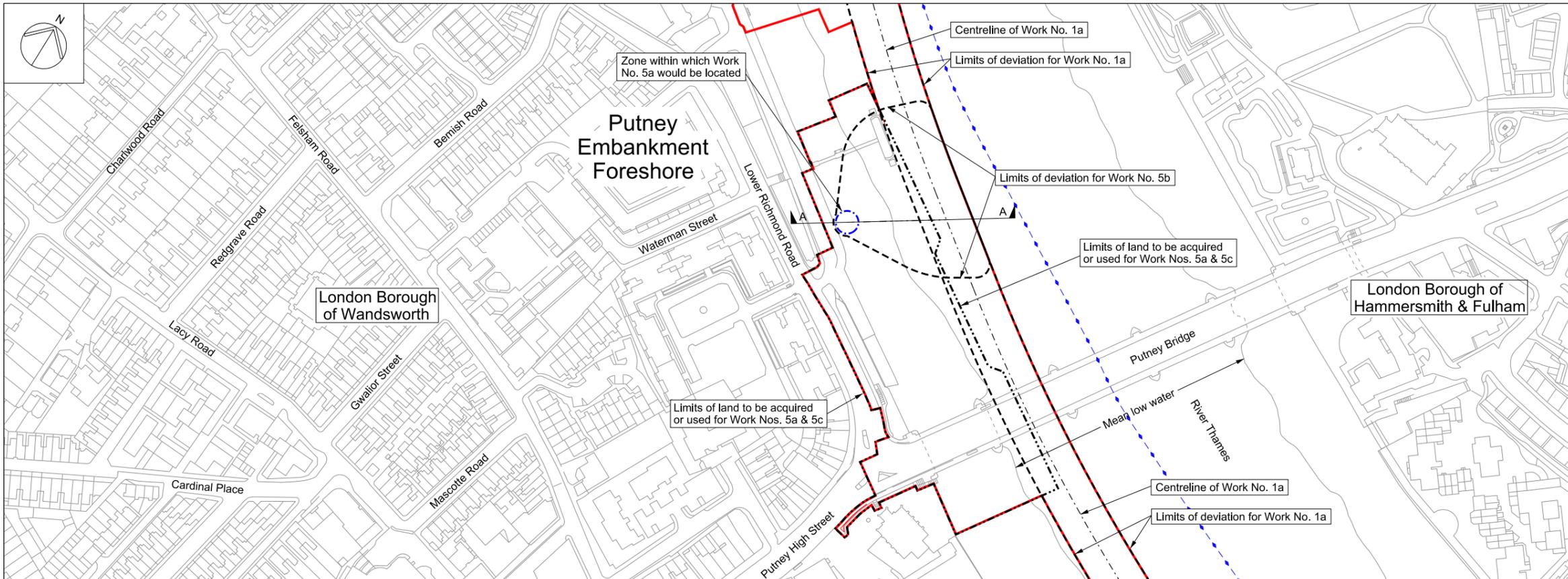


FOR APPROVAL

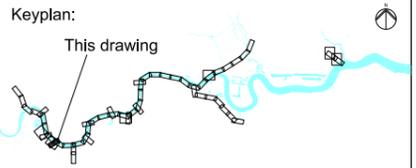
Location
Project wide
London

Document Information
Application for Development Consent
Works plan - Putney Embankment
Foreshore site sheet 11
Book of plans - section 1
DCO-WP-000-ZZZZ-010012
January 2013





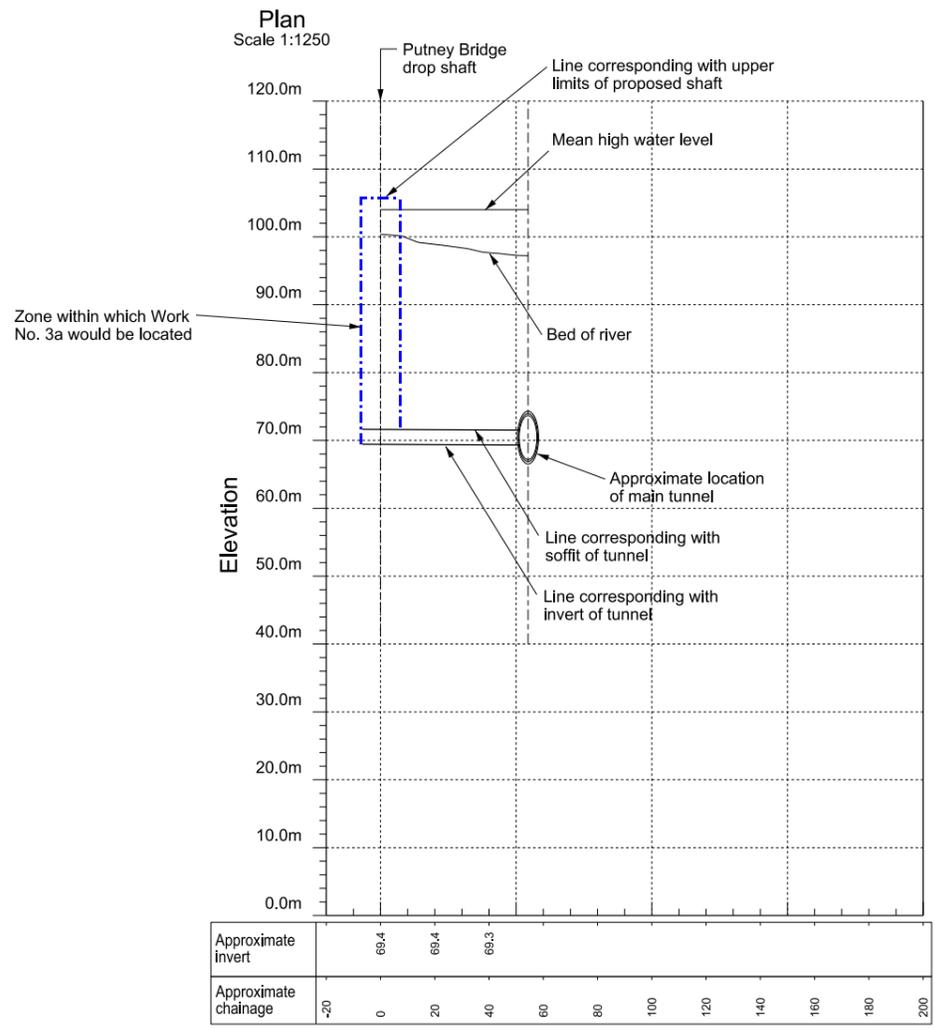
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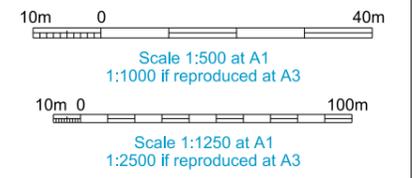
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - - - - Limits of land to be acquired or used (LLAU)
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Section A - A Scale 1:1250 horizontal : 1:500 vertical

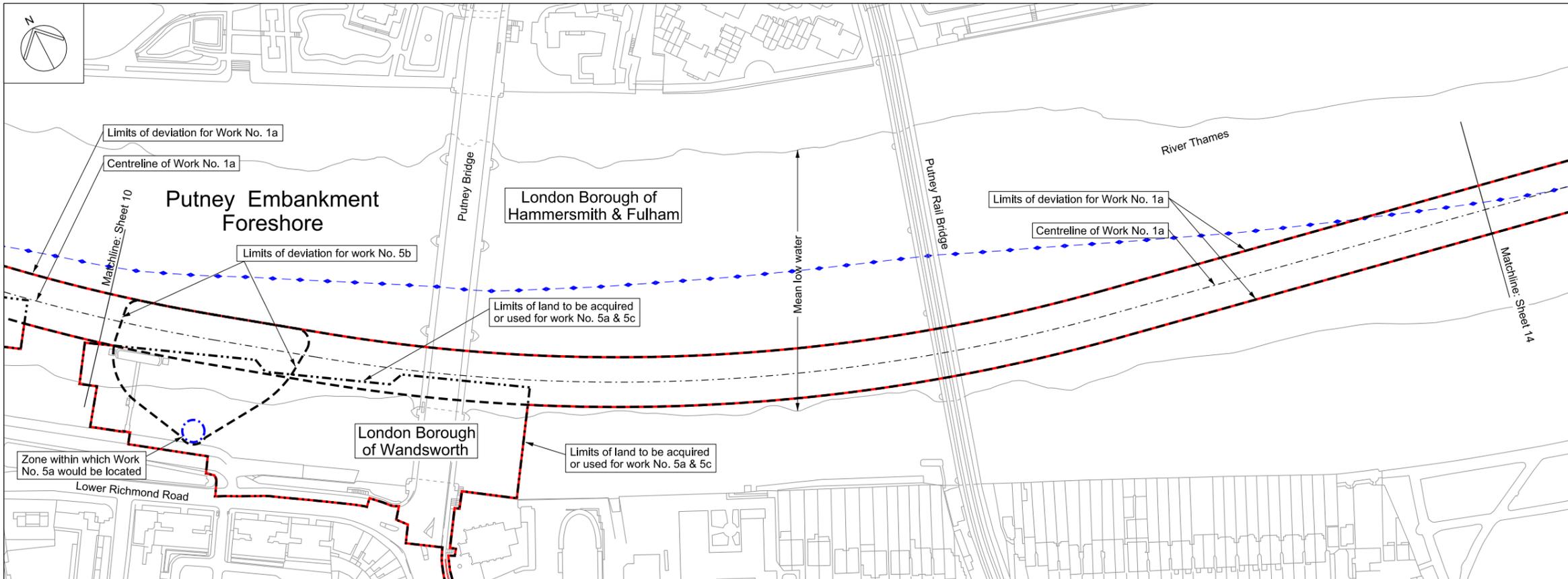


FOR APPROVAL

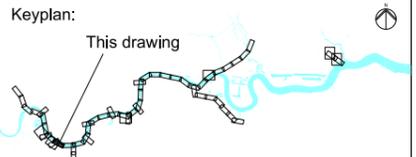
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section - Putney Bridge
 Connection tunnel sheet 12
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010013
 January 2013





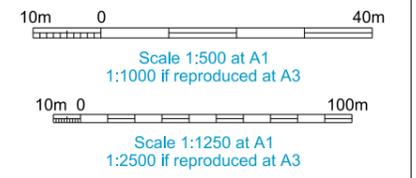
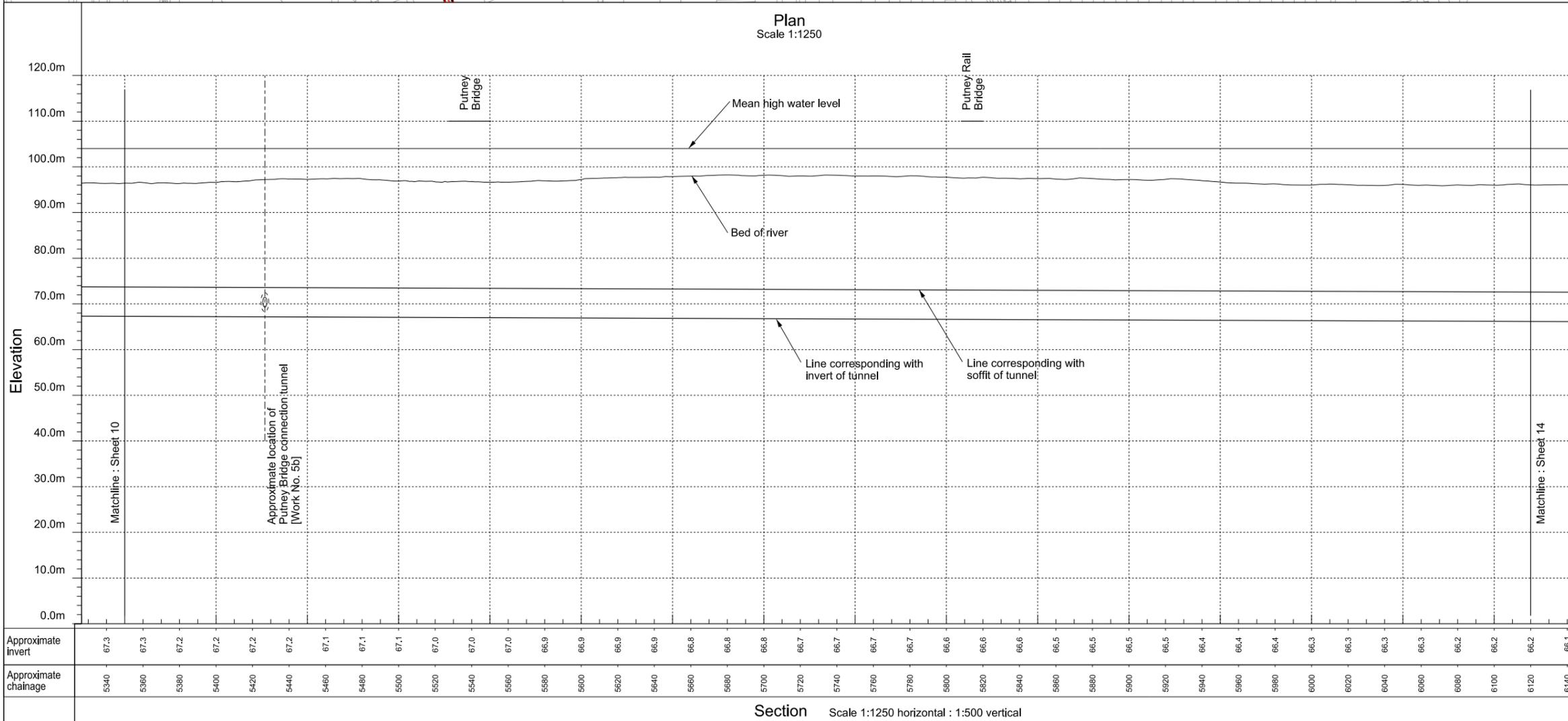
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- Key:**
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 - Order limits
 - Limits of land to be acquired or used (LLAU)
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 - Works centreline
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 3. This section is drawn along the centreline of Work No. 1a.



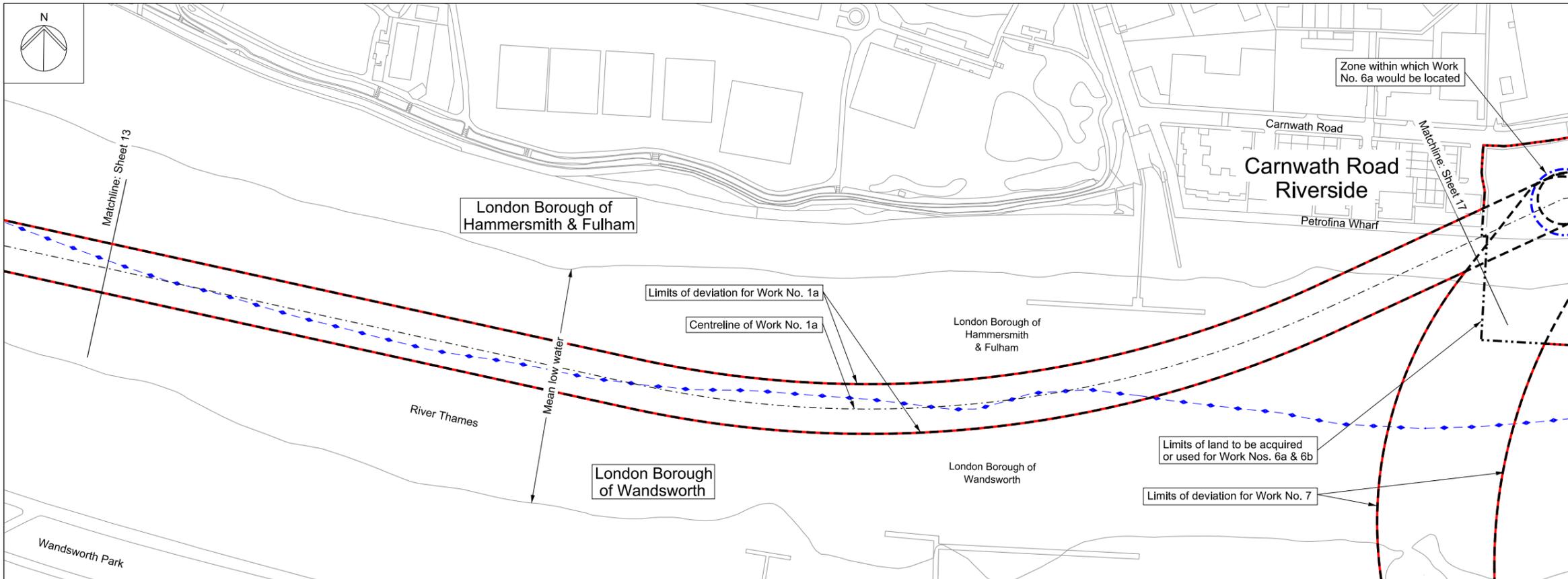
FOR APPROVAL

[Location](#)
Project wide
 London

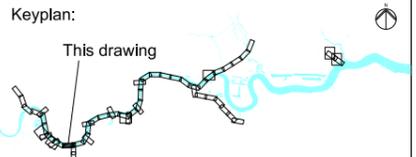
[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 13
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010014
 January 2013



Approximate invert	67.3	67.3	67.2	67.2	67.2	67.1	67.1	67.1	67.0	67.0	67.0	66.9	66.9	66.9	66.8	66.8	66.8	66.7	66.7	66.7	66.7	66.6	66.6	66.6	66.5	66.5	66.5	66.5	66.4	66.4	66.4	66.3	66.3	66.3	66.2	66.2	66.2	66.1			
Approximate chainage	5340	5360	5380	5400	5420	5440	5460	5480	5500	5520	5540	5560	5580	5600	5620	5640	5660	5680	5700	5720	5740	5760	5780	5800	5820	5840	5860	5880	5900	5920	5940	5960	5980	6000	6020	6040	6060	6080	6100	6120	6140



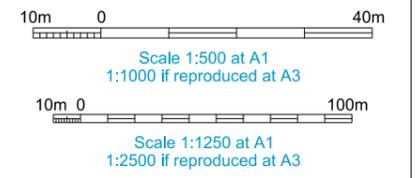
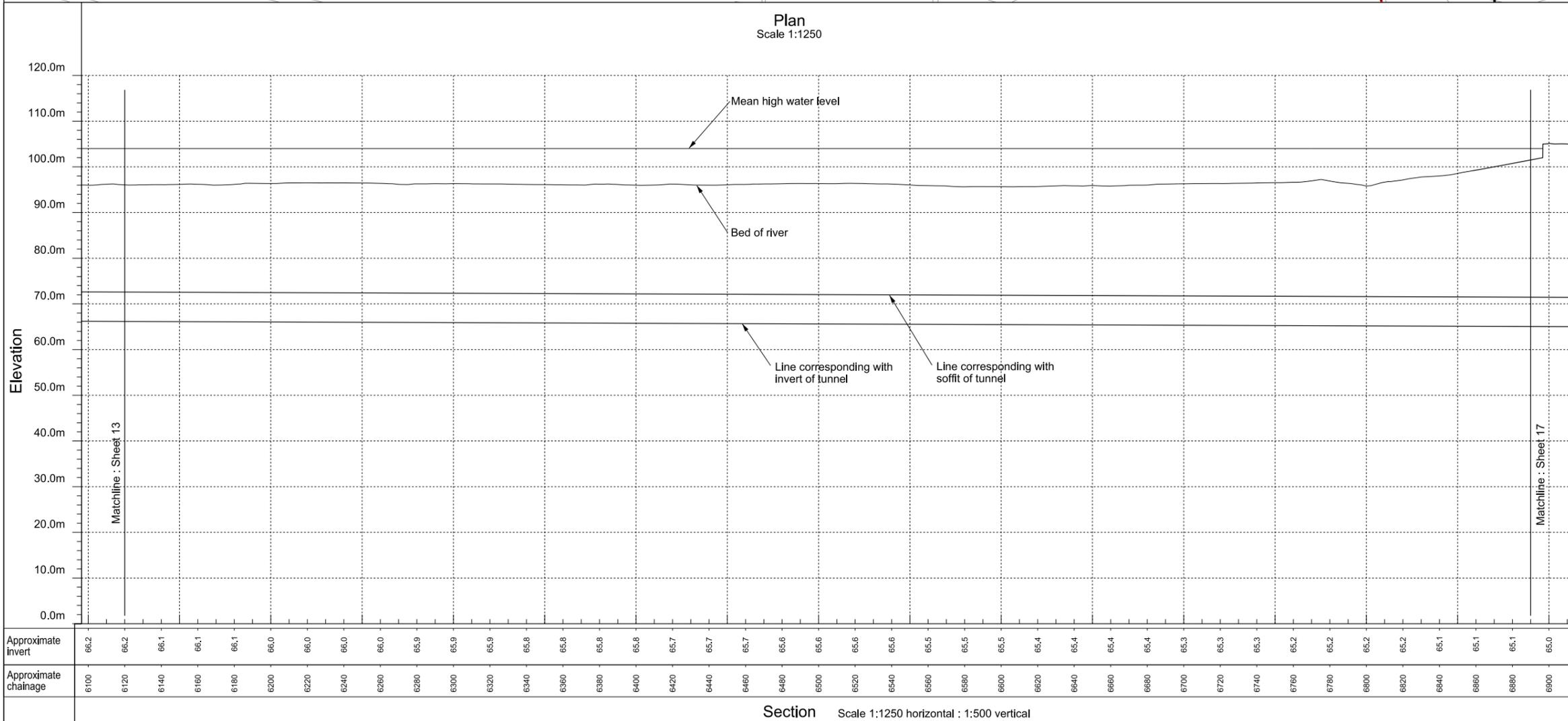
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
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 - Works centreline
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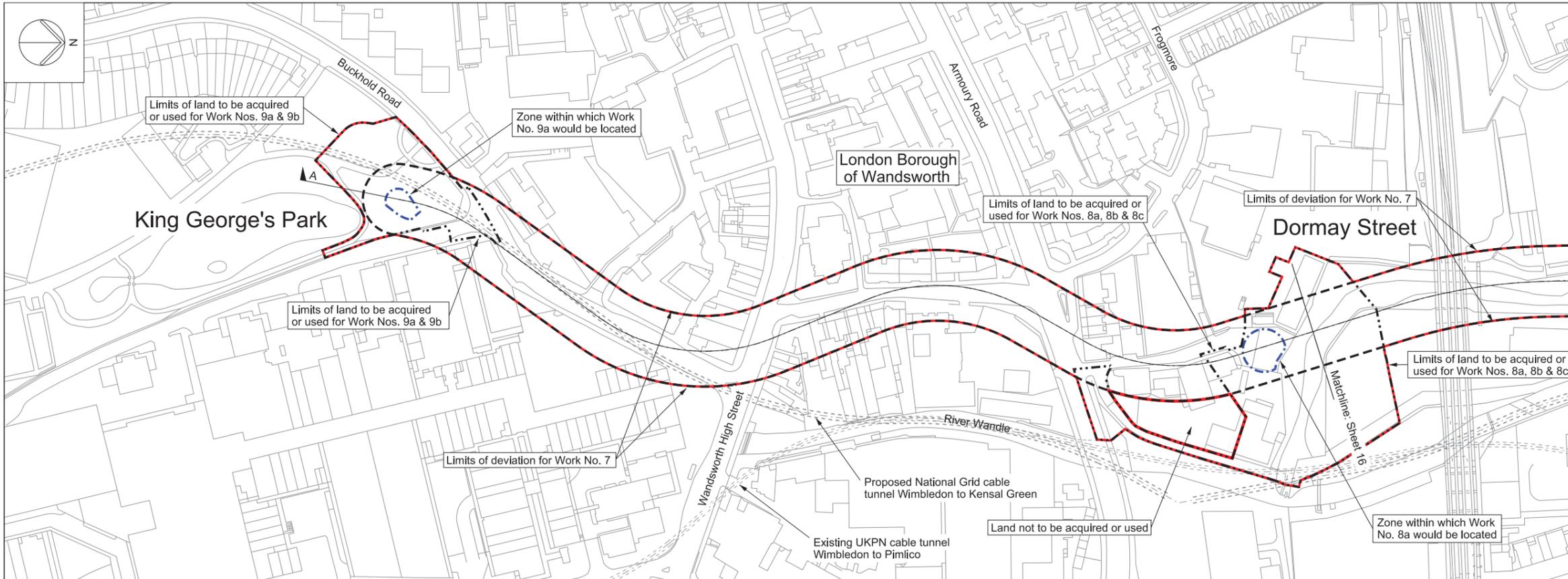


FOR APPROVAL

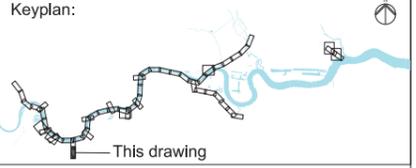
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 14
Book of plans - section 1
DCO-WP-000-ZZZZ-010015
January 2013





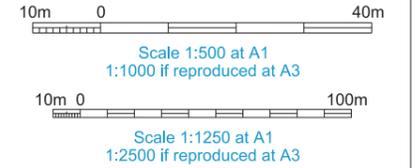
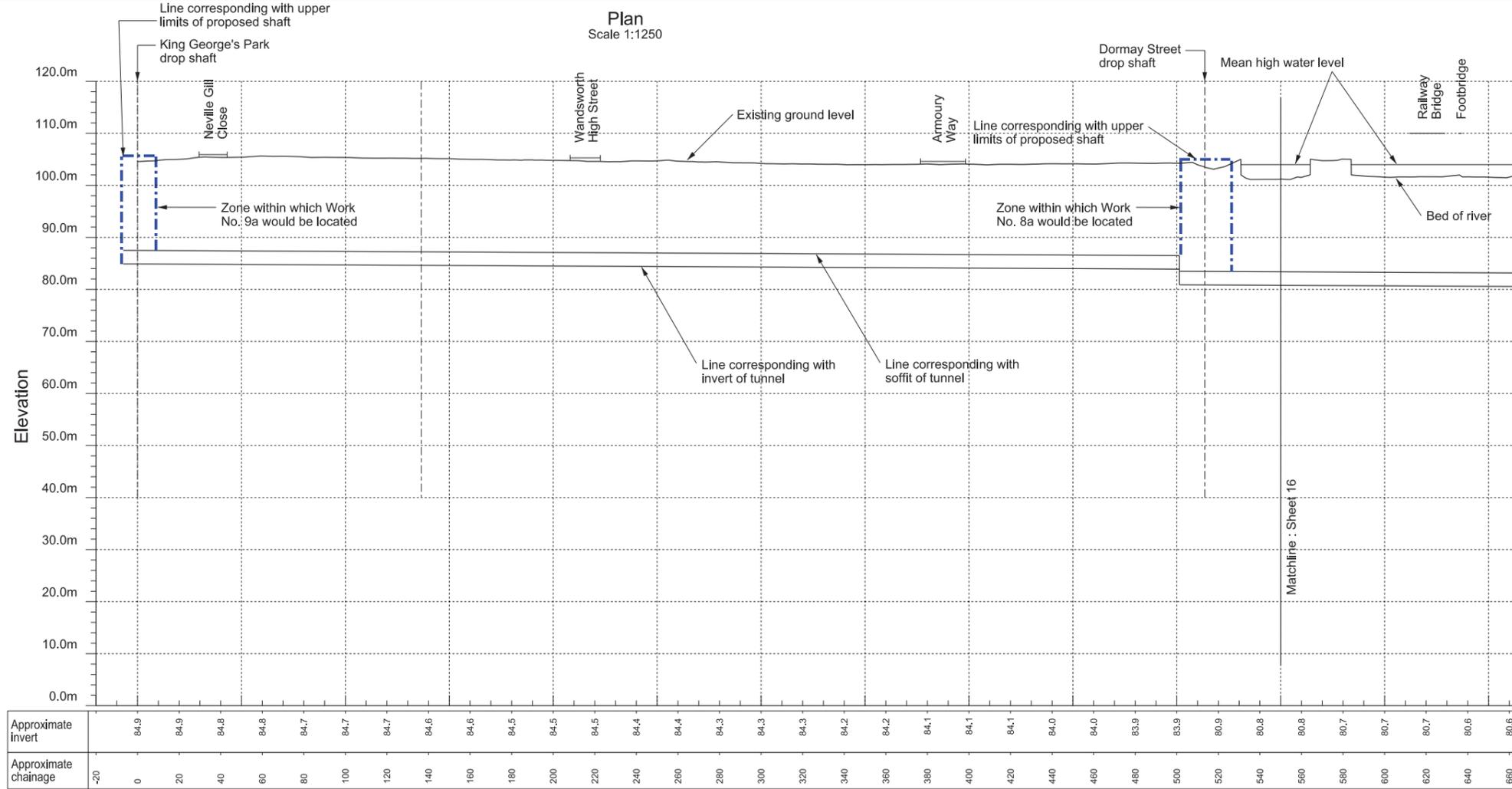
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- Key:**
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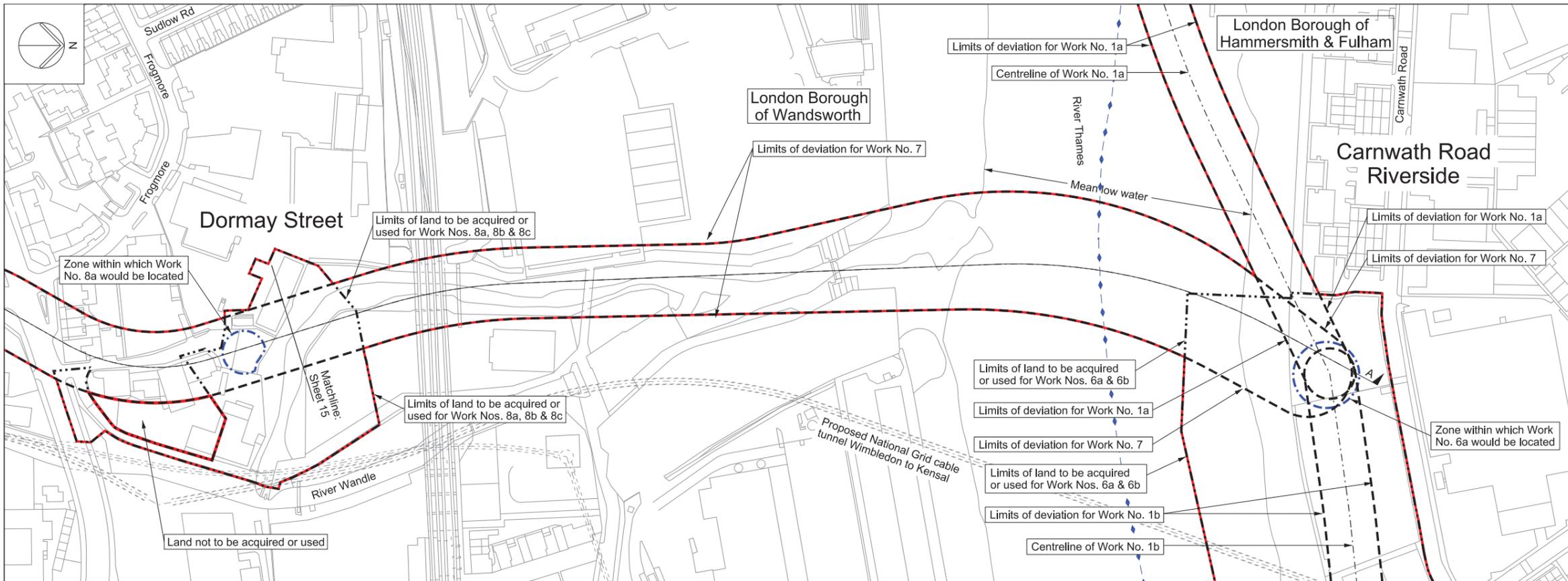


FOR APPROVAL

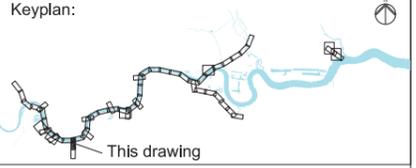
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Frogmore connection tunnel sheet 15
Book of plans - section 1
DCO-WP-000-ZZZZ-010016
January 2013





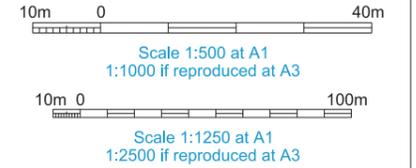
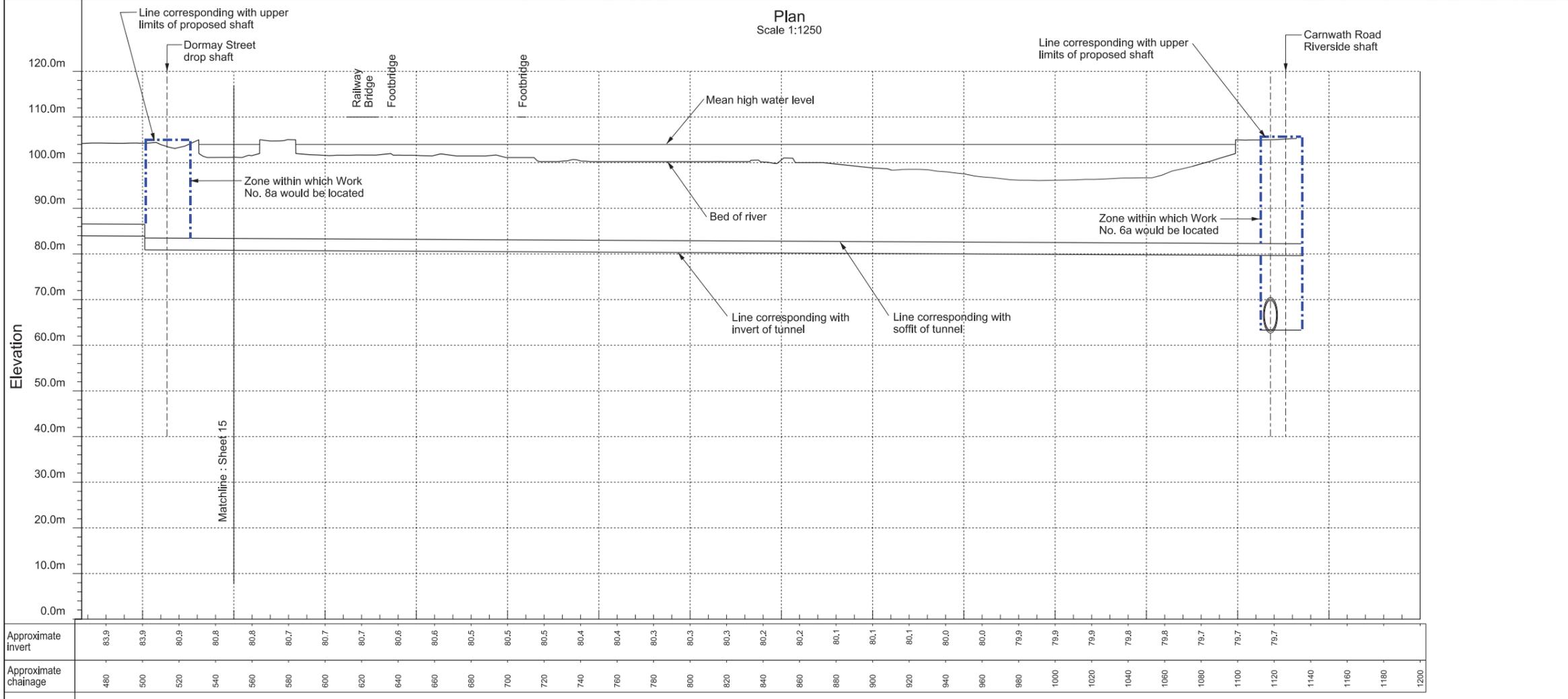
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- Key:**
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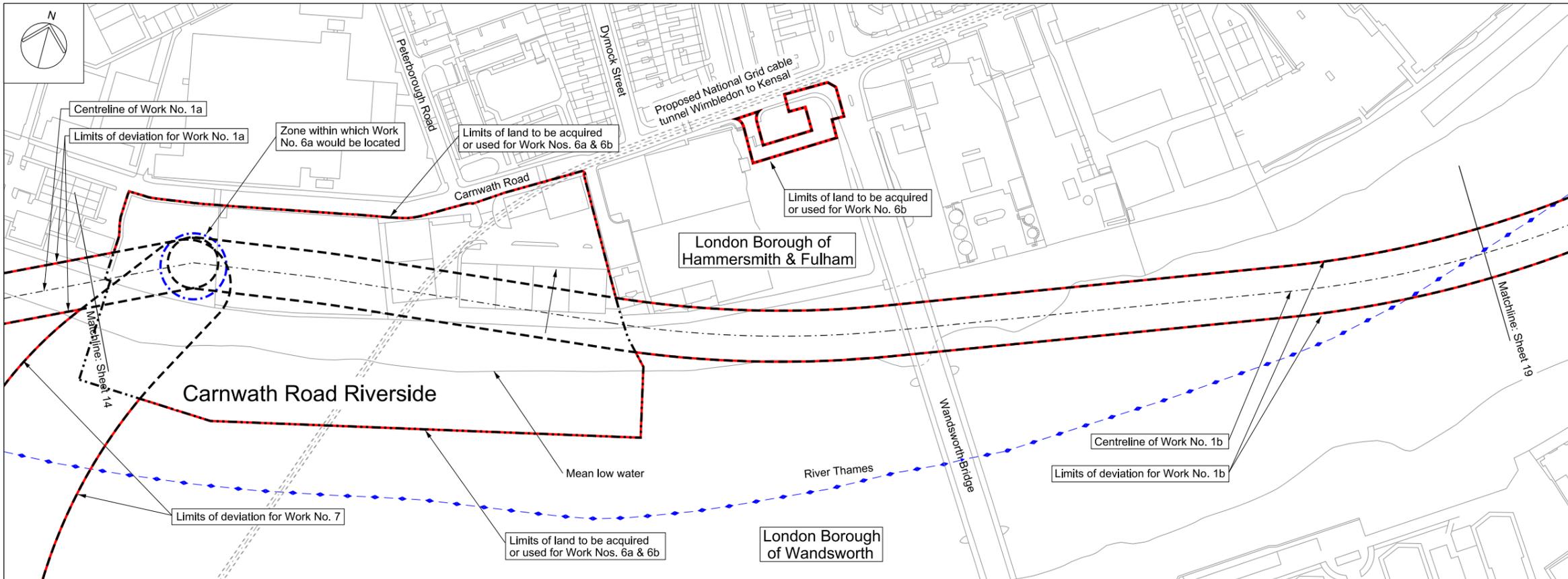
FOR APPROVAL

Location
Project wide
London

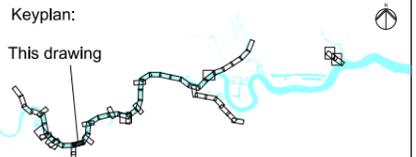
Document Information
Application for Development Consent
Works plan and section
Frogmore connection tunnel sheet 16
Book of plans - section 1
DCO-WP-000-ZZZZ-010017
January 2013



Section A - A Scale 1:1250 horizontal : 1:500 vertical



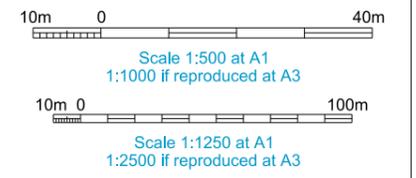
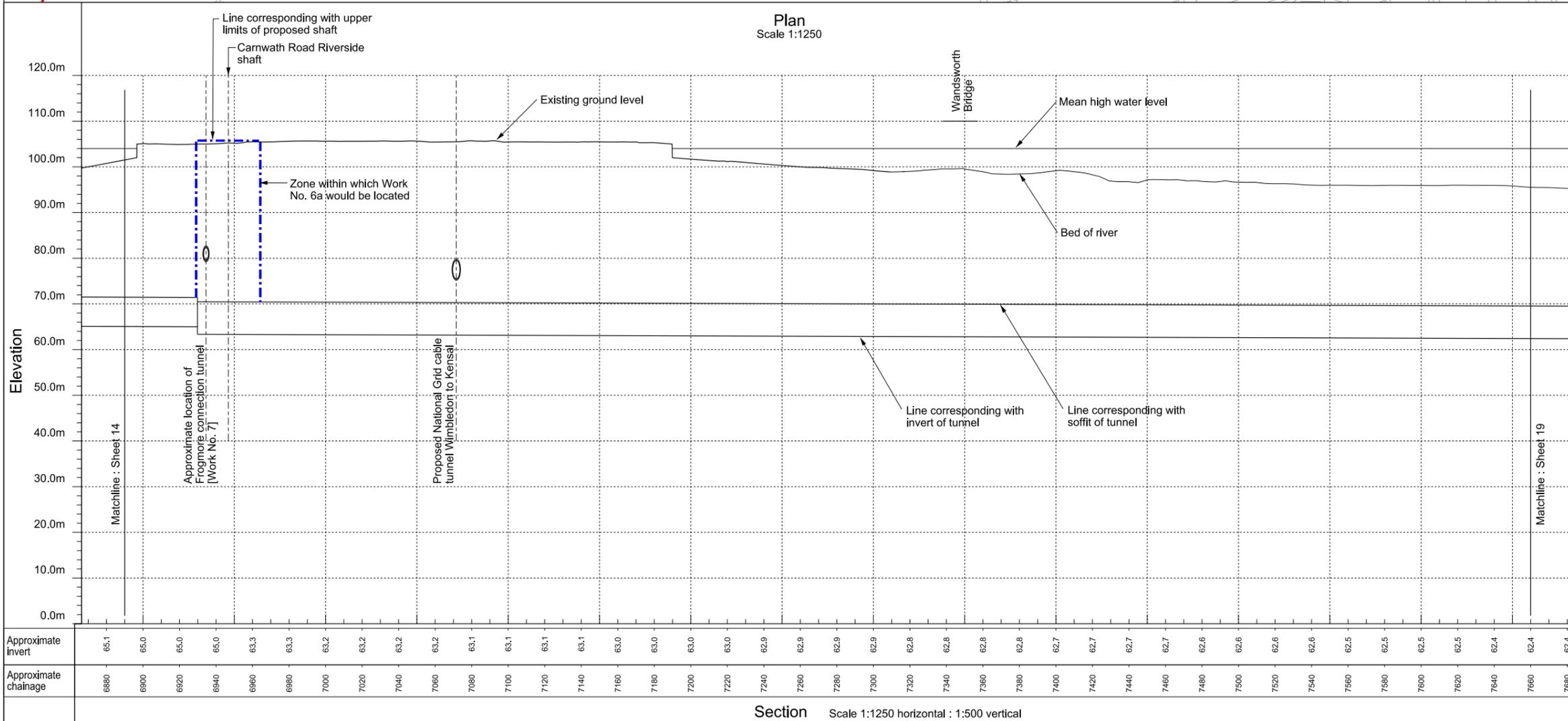
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- Key:**
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 - Order limits
 - Limits of land to be acquired or used (LLAU)
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 - Works centreline
 - Zone within which the shaft would be located

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 3. This section is drawn along the centreline of Work No. 1a / 1b.

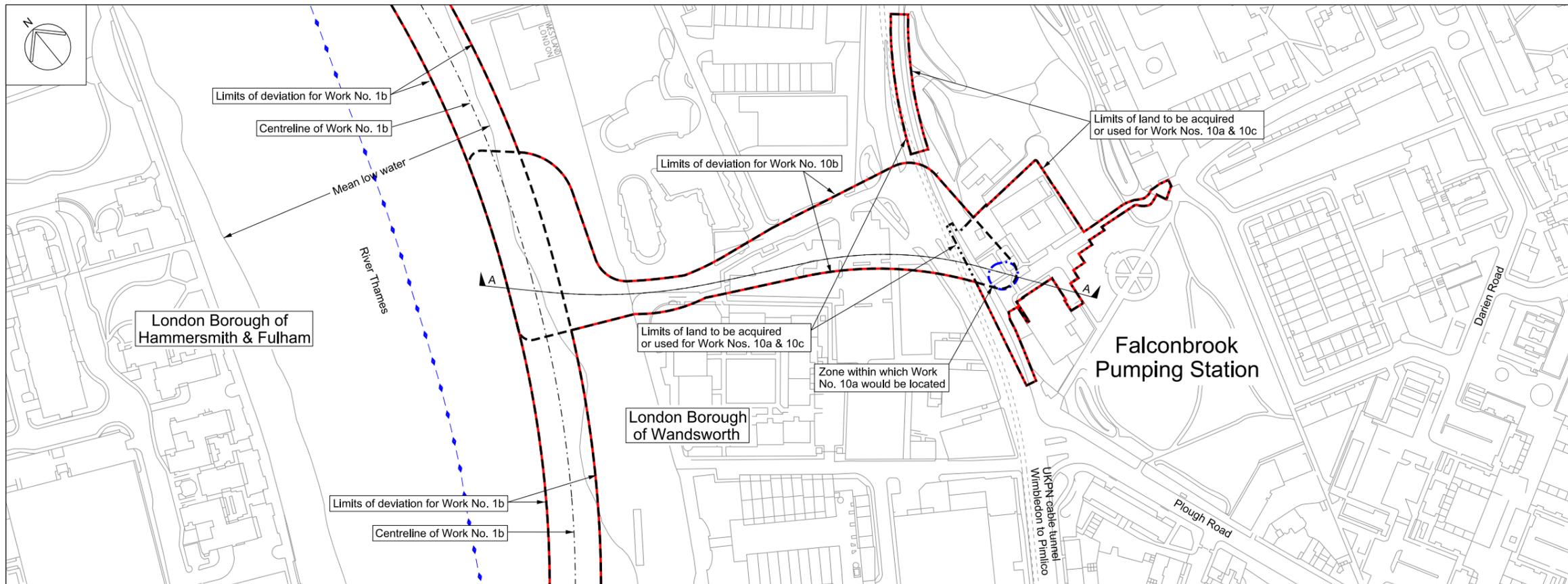


FOR APPROVAL

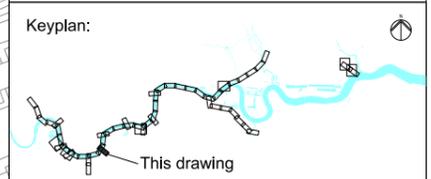
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 17
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010018
 January 2013





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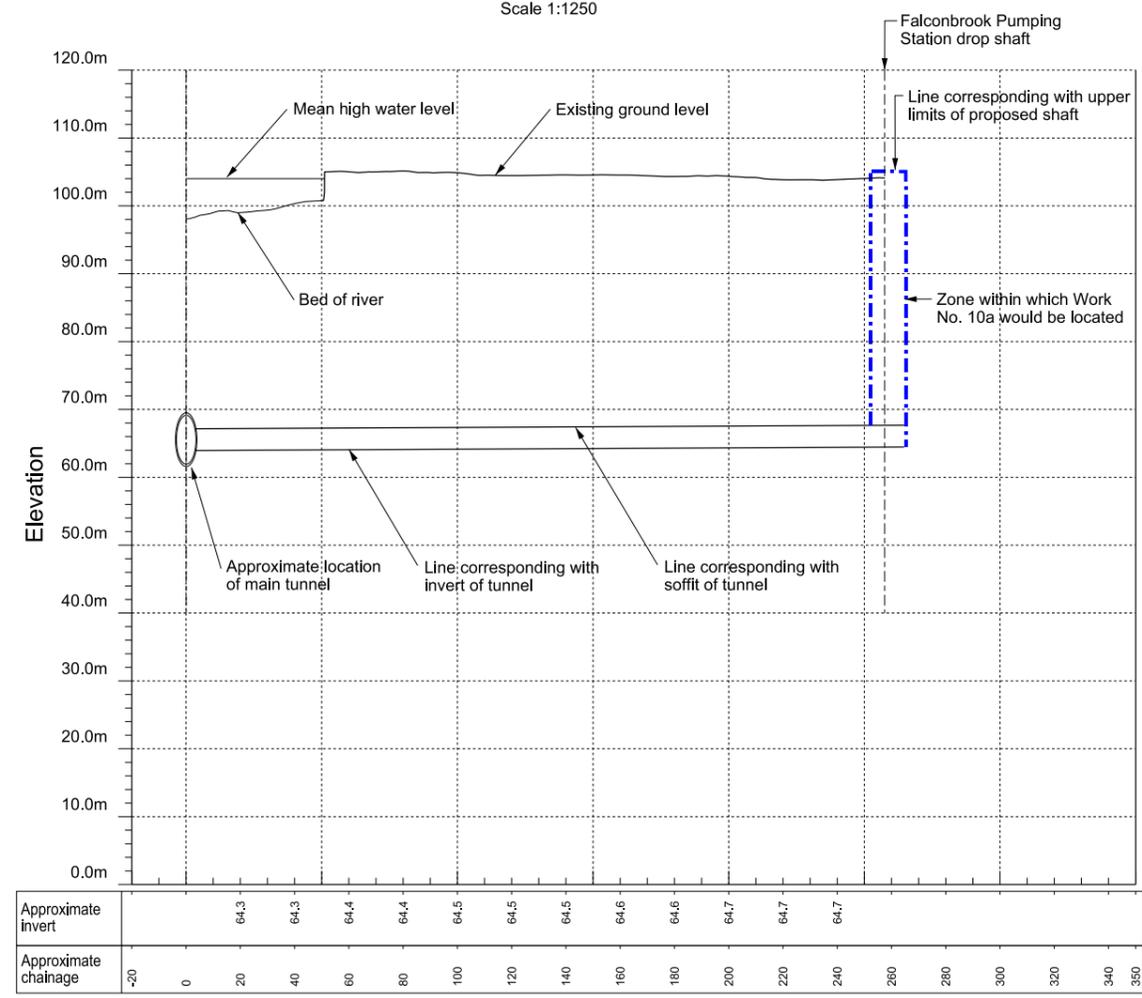


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

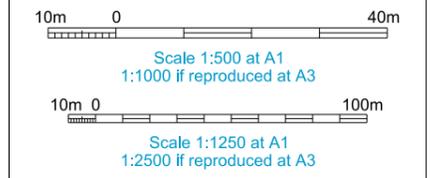
- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

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Plan
Scale 1:1250



Section A - A Scale 1:1250 horizontal : 1:500 vertical

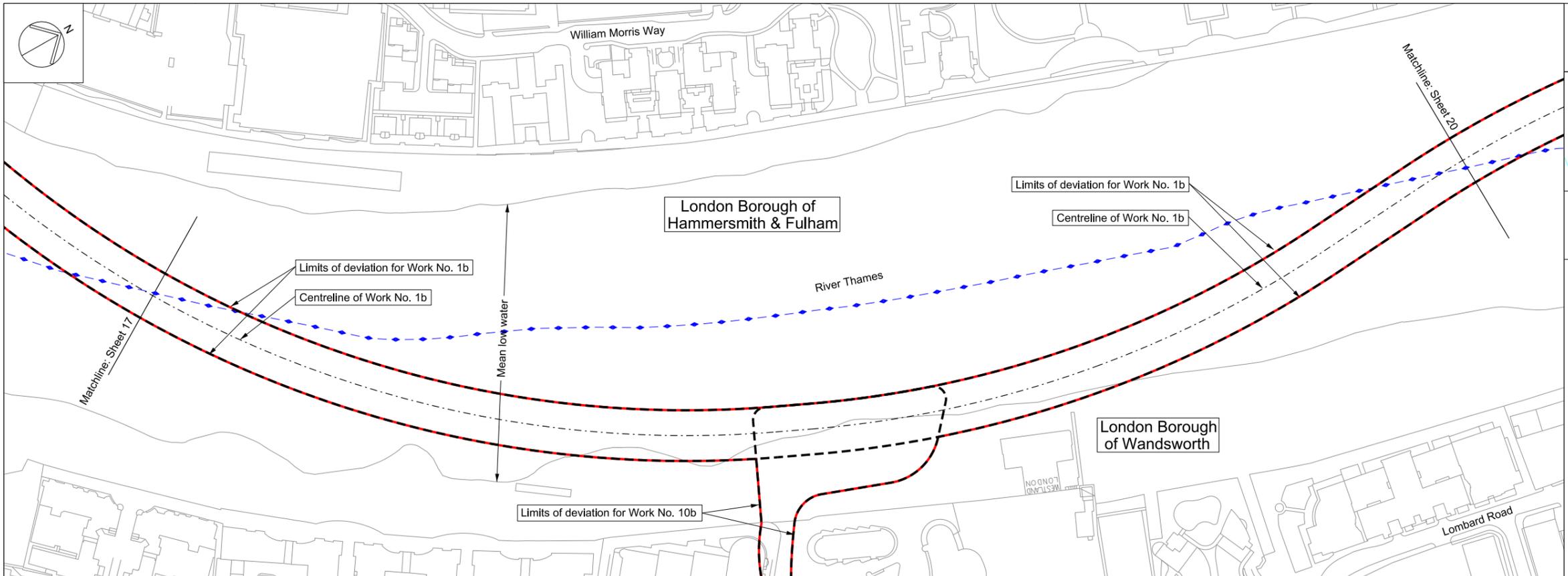


FOR APPROVAL

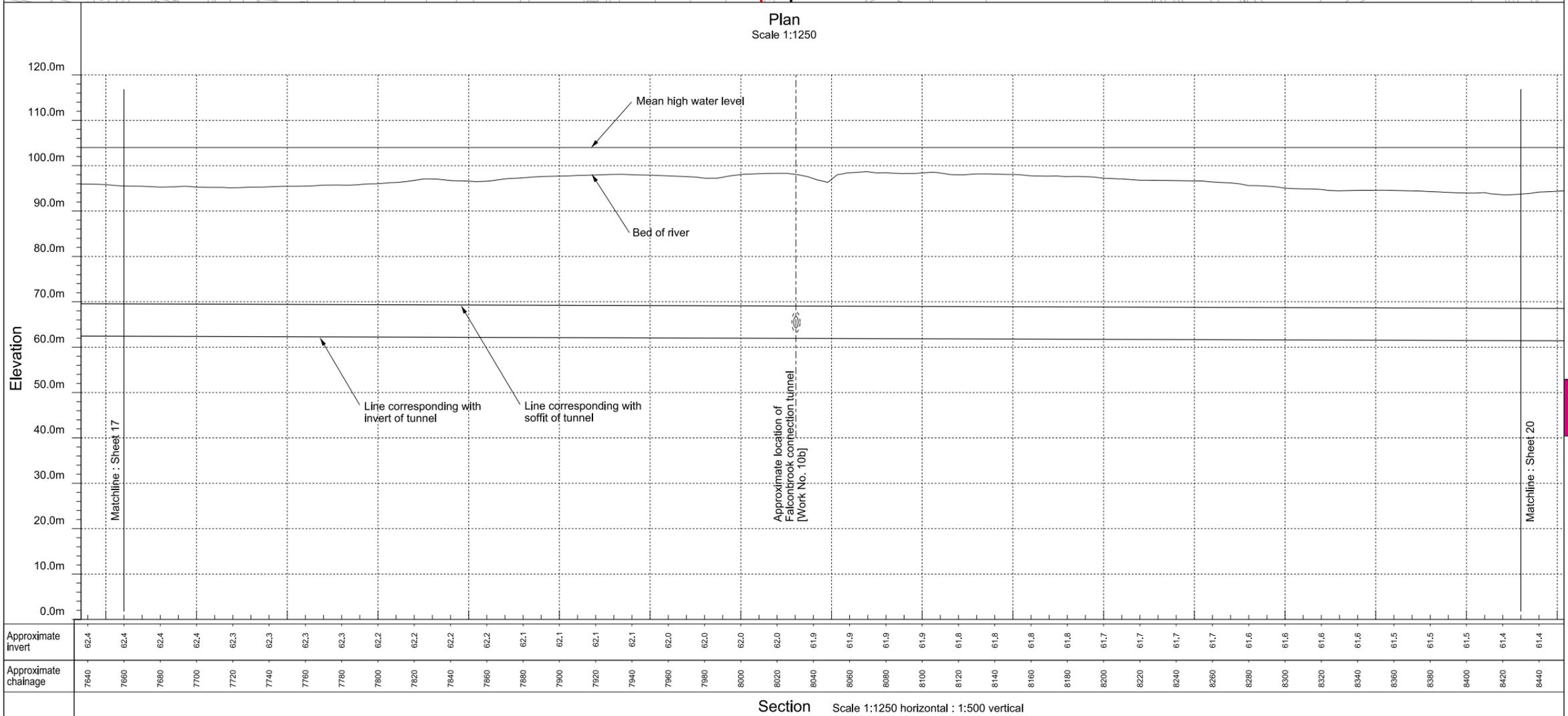
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Falconbrook connection tunnel sheet 18
Book of plans - section 1
DCO-WP-000-ZZZZ-010019
January 2013



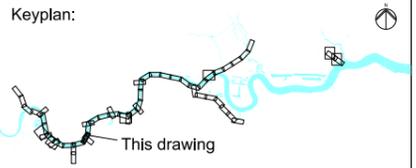


Plan
Scale 1:1250



Section Scale 1:1250 horizontal : 1:500 vertical

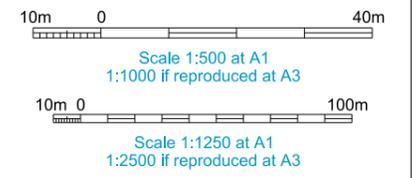
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- Key:**
- Local authority boundary
 - Order limits
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 - Tunnel limits of deviation (LOD)
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 3. This section is drawn along the centreline of Work No. 1b.

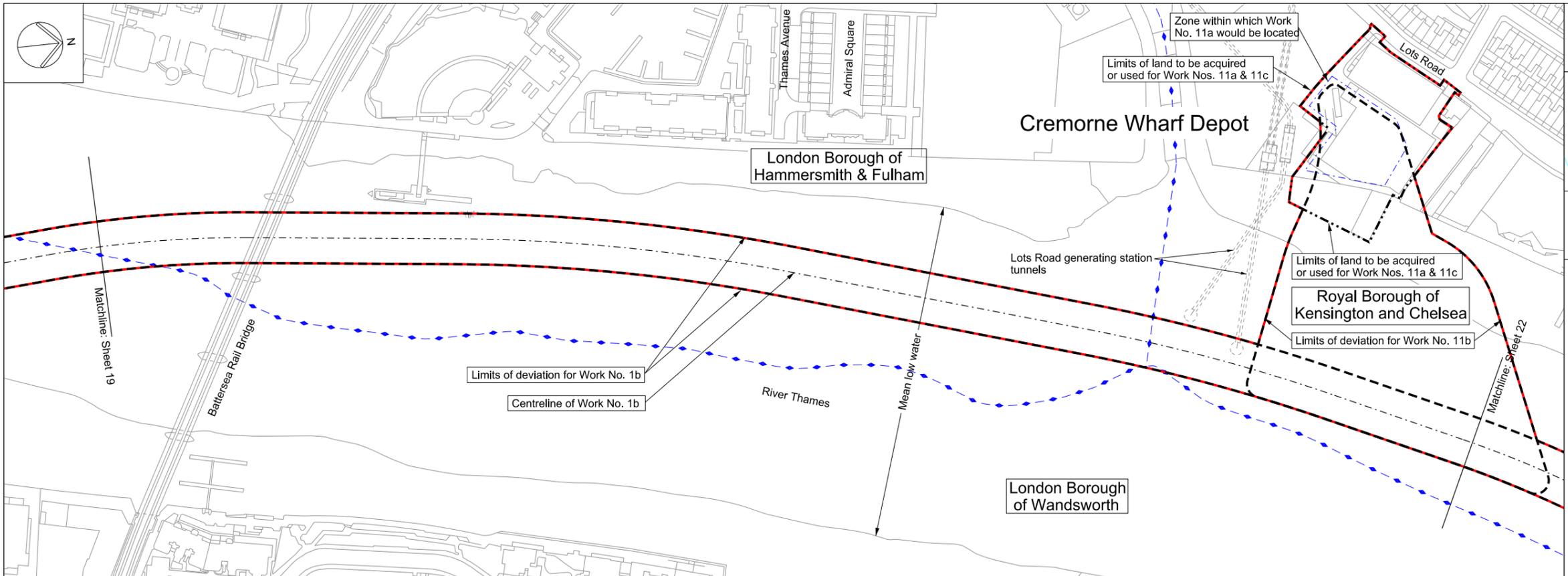


FOR APPROVAL

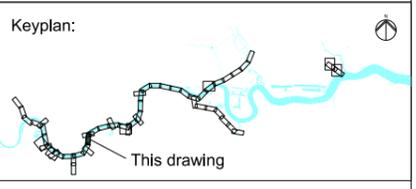
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 19
Book of plans - section 1
DCO-WP-000-ZZZZ-010020
January 2013





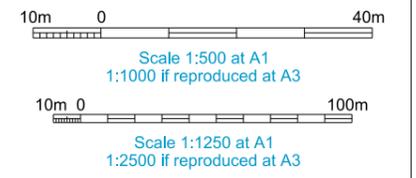
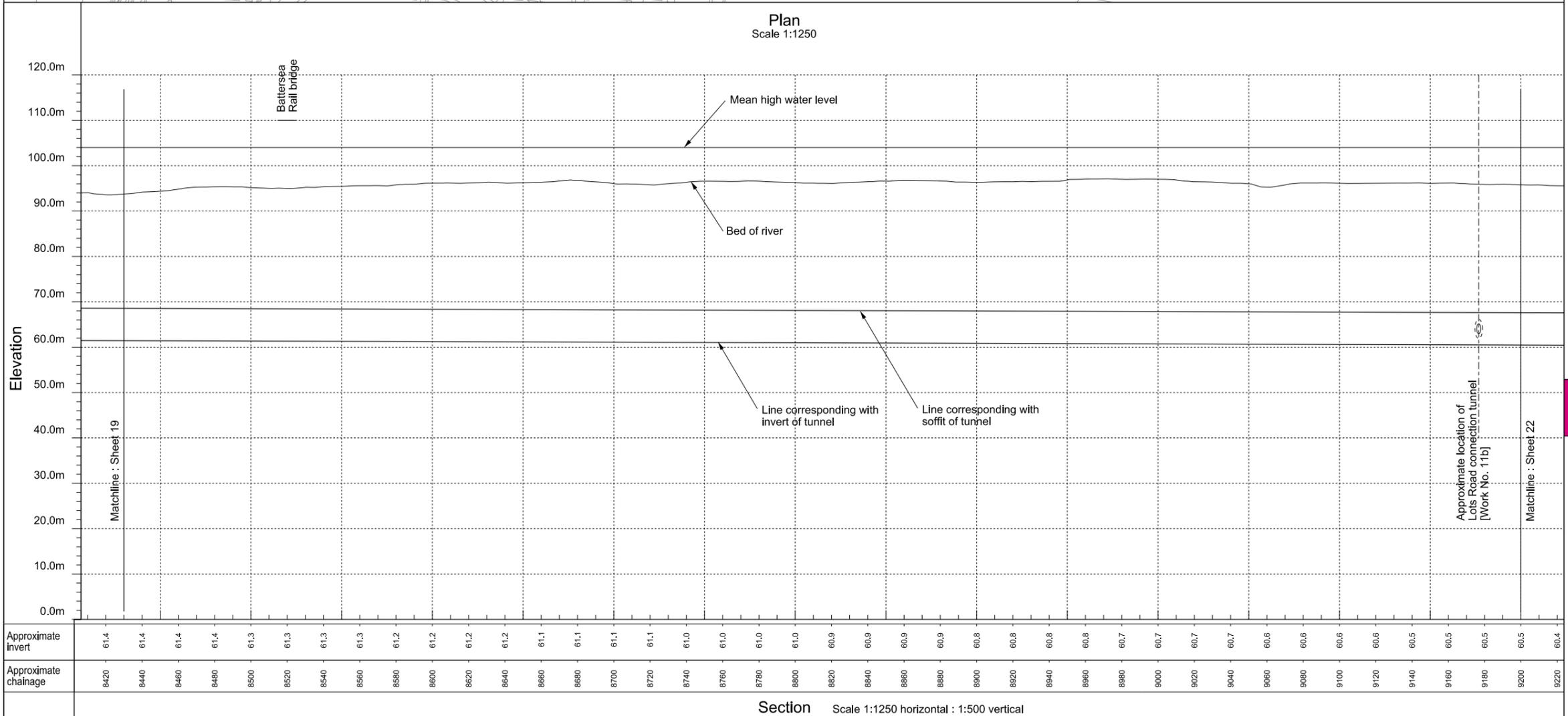
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- Key:**
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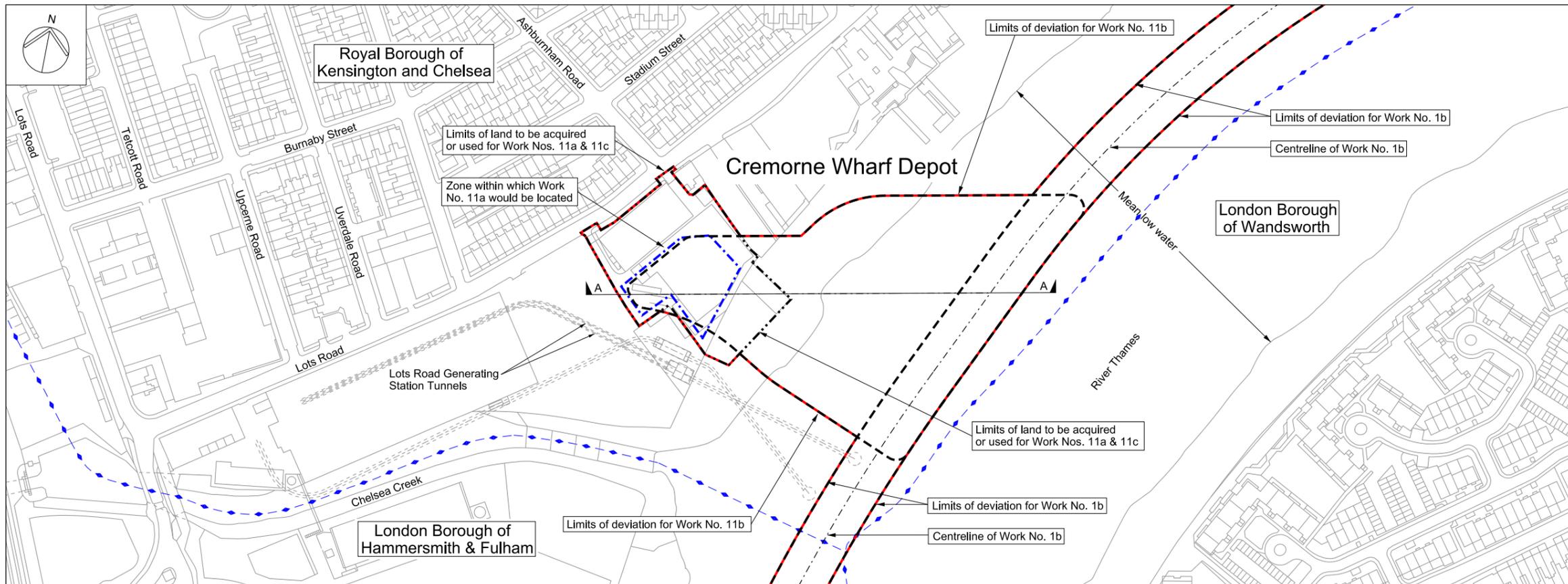


FOR APPROVAL

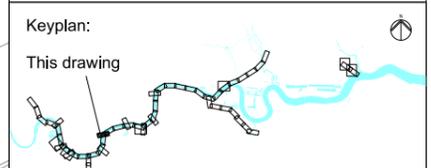
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 20
Book of plans - section 1
DCO-WP-000-ZZZZ-010021
January 2013





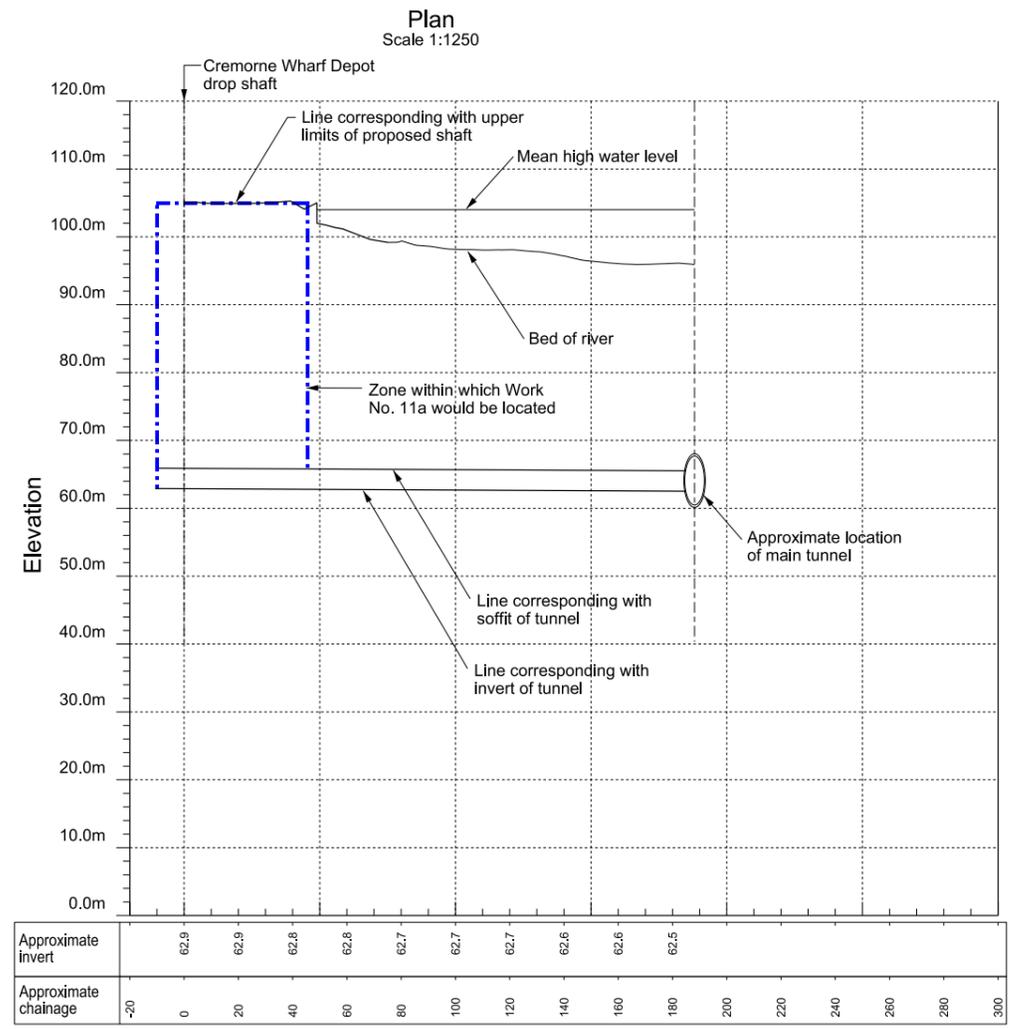
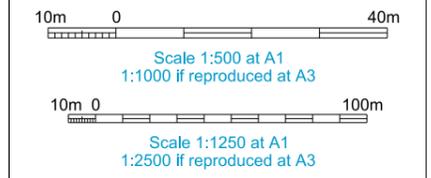
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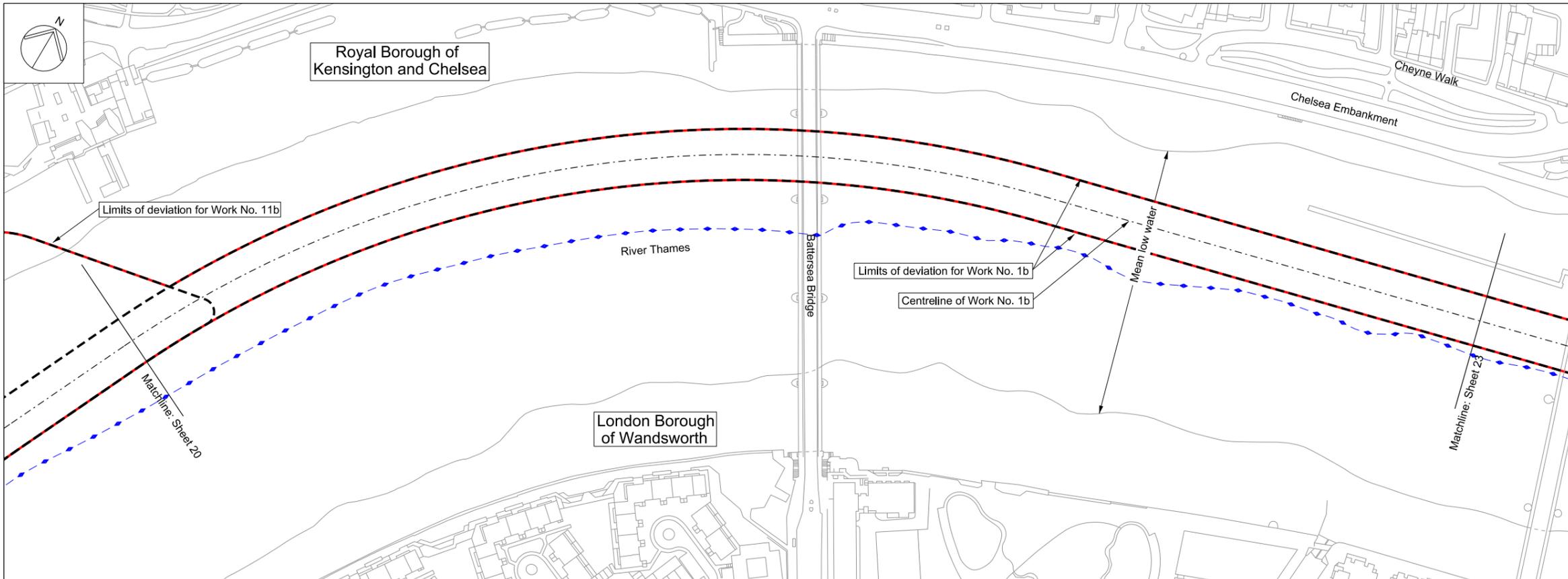
Section A - A Scale 1:1250 horizontal : 1:500 vertical

FOR APPROVAL

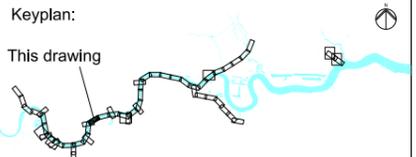
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Lots road connection tunnel sheet 21
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010022
 January 2013





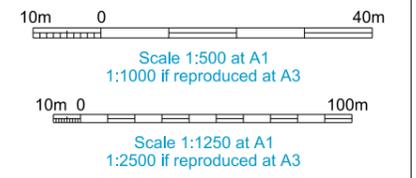
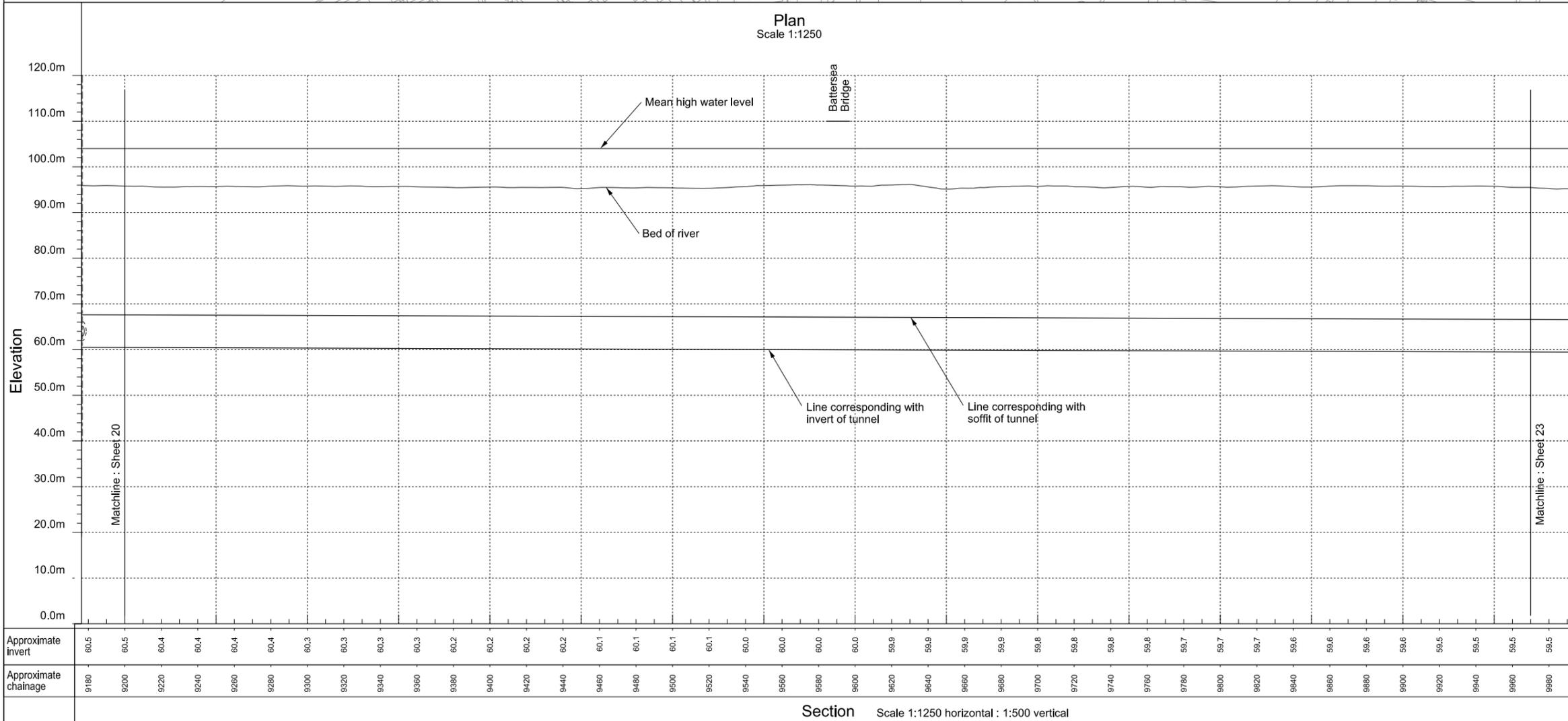
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1b.

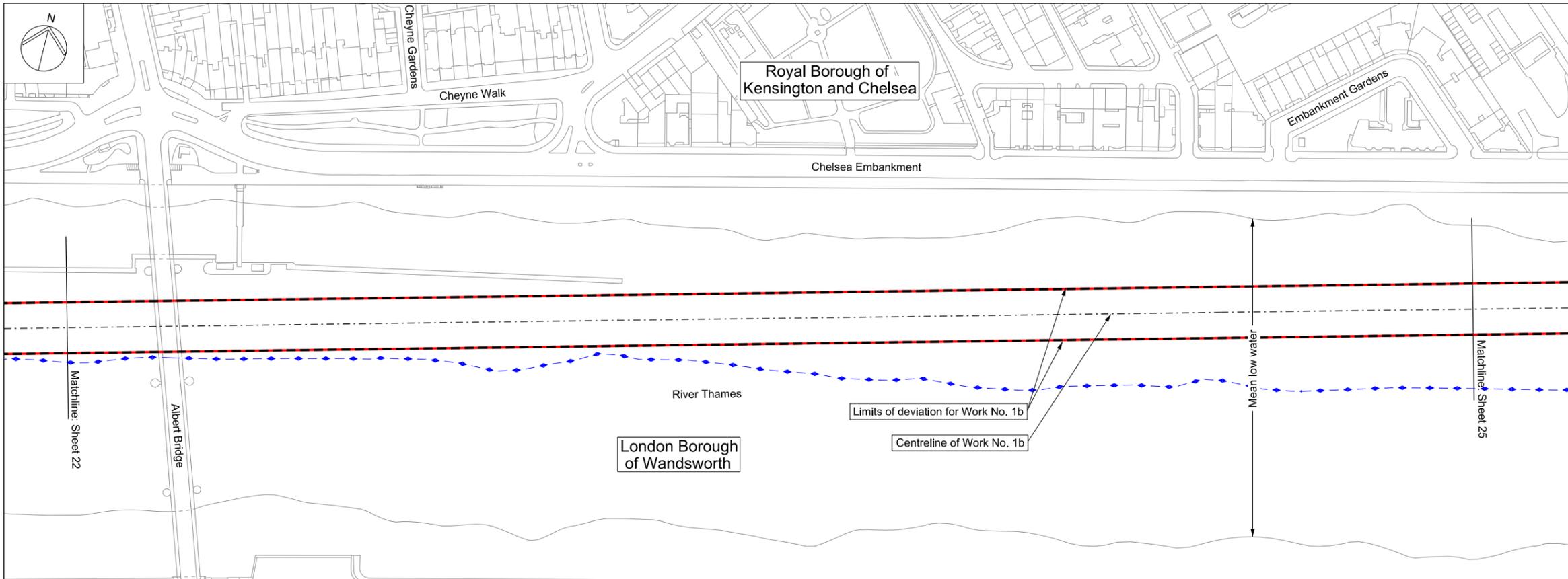


FOR APPROVAL

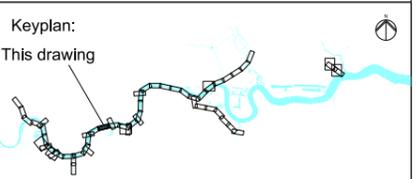
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 22
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010023
 January 2013





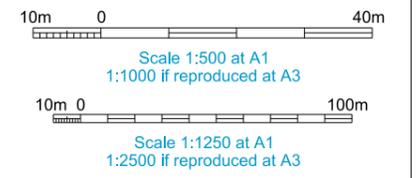
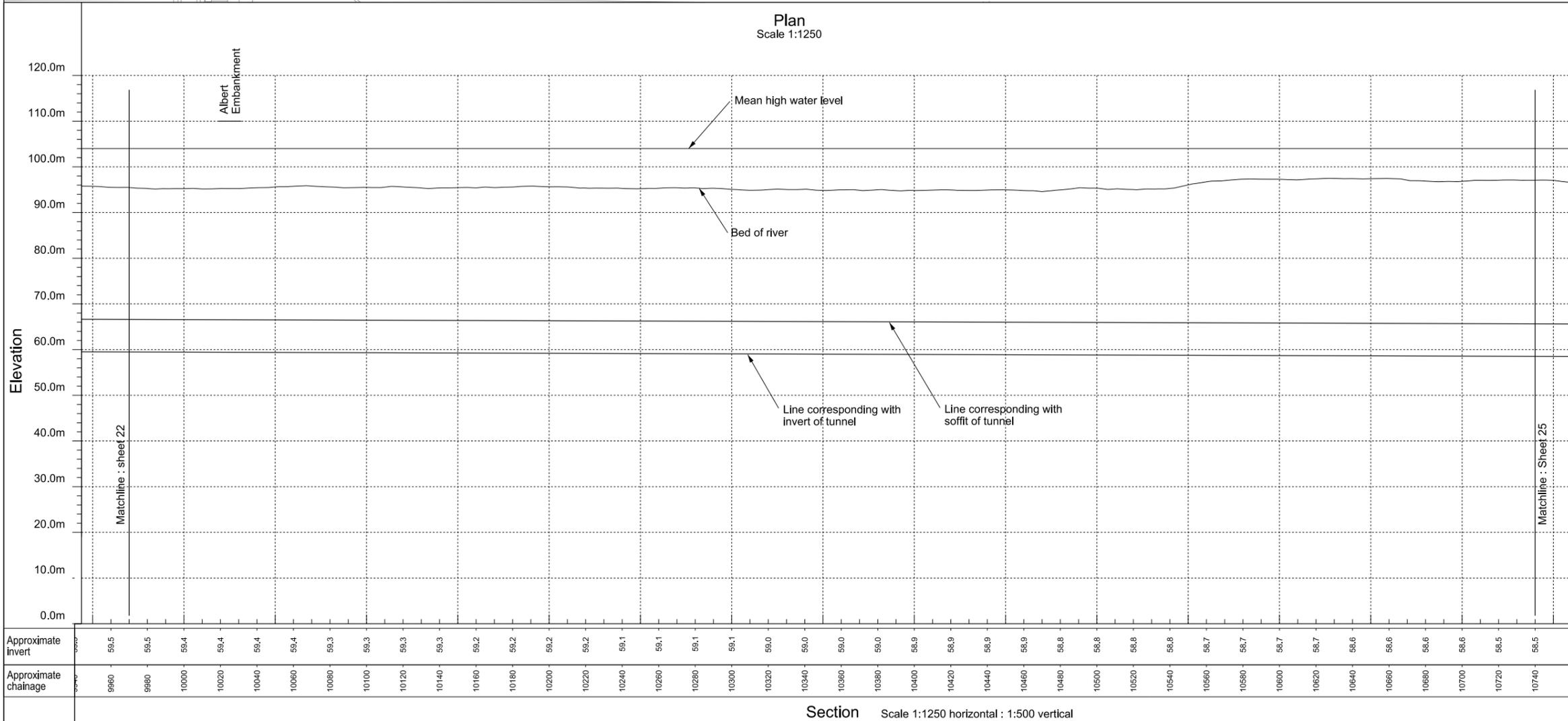
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline

- Notes:**
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 3. This section is drawn along the centreline of Work No. 1b.

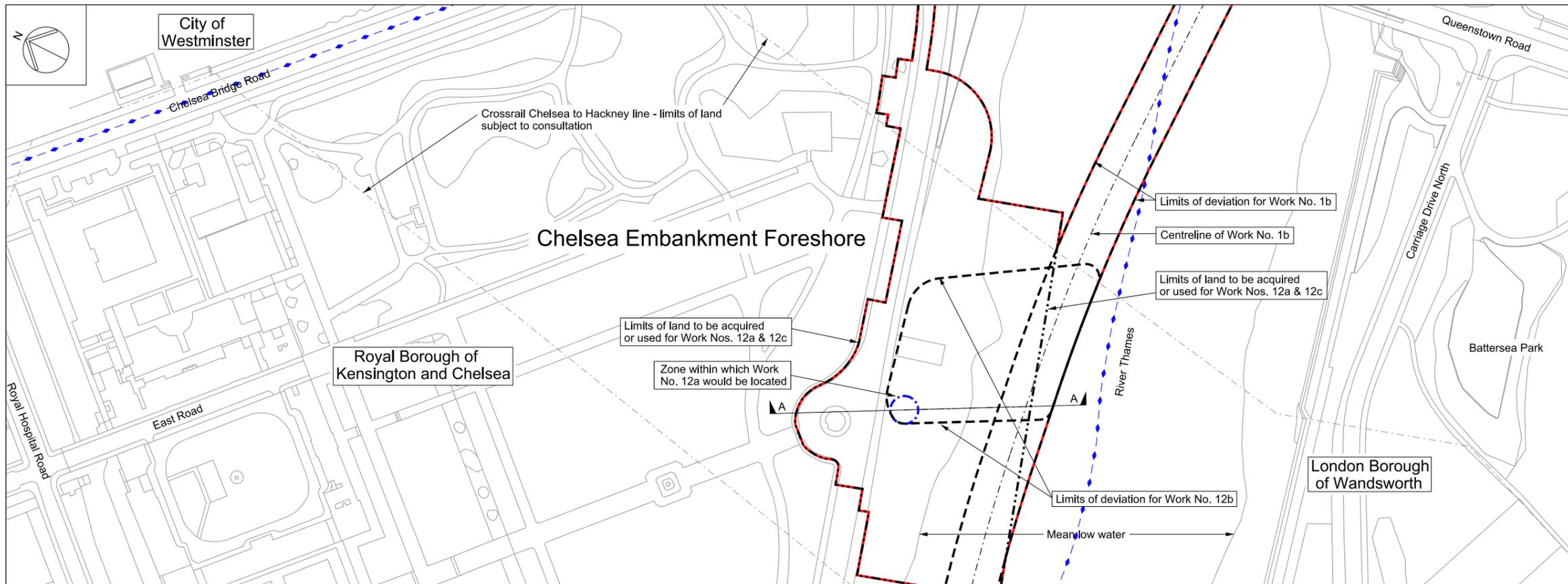


FOR APPROVAL

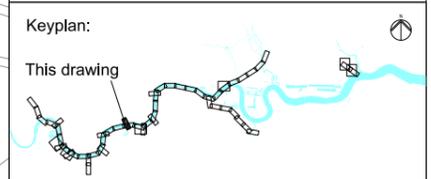
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 23
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010024
 January 2013





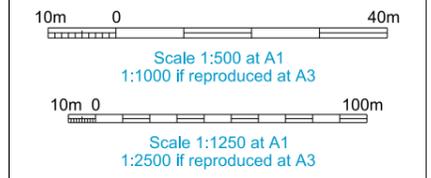
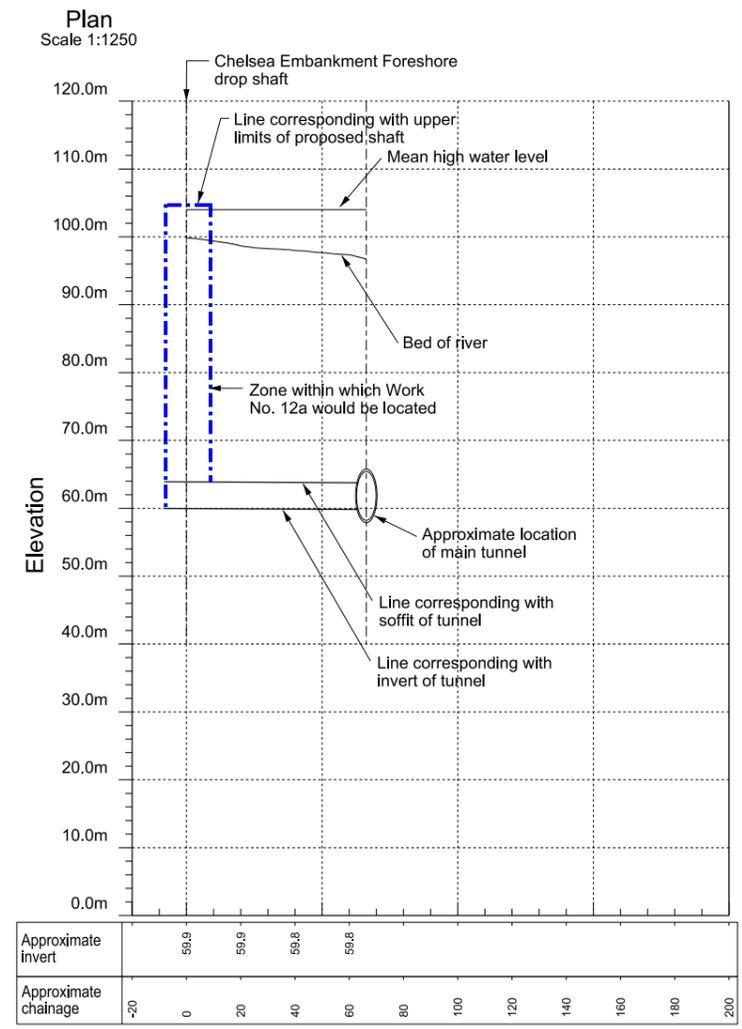
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
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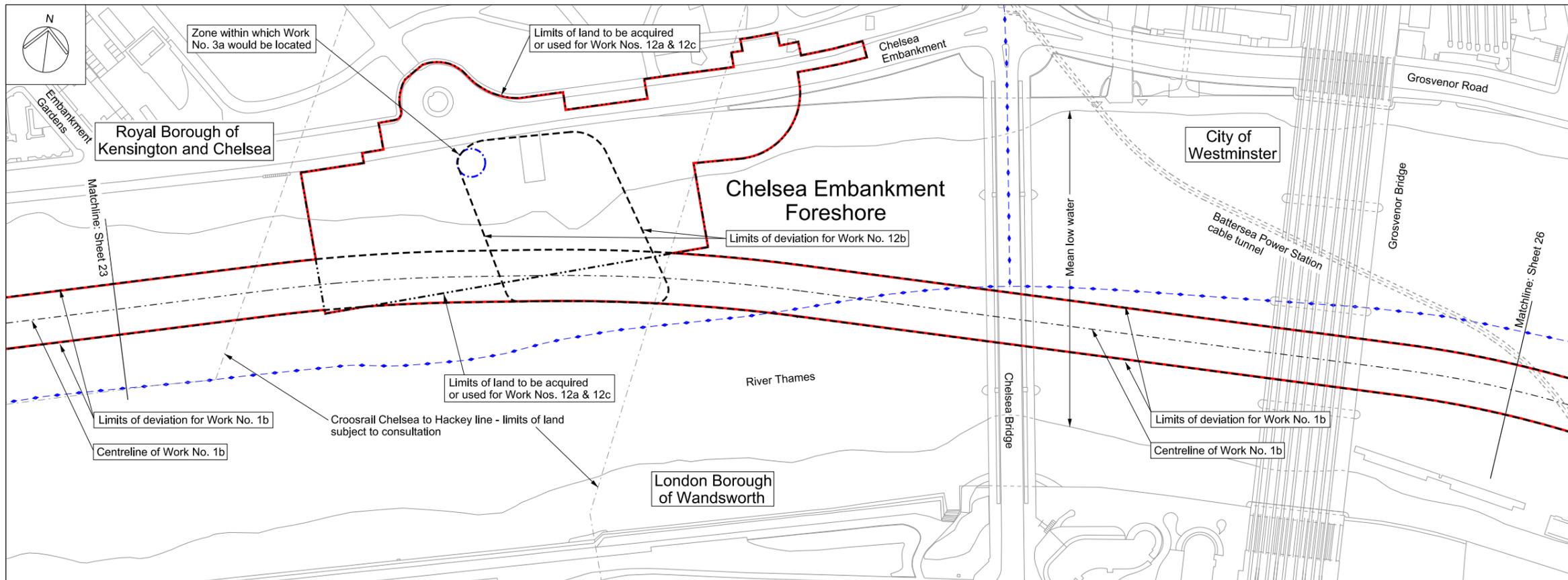
FOR APPROVAL

[Location](#)
Project wide
London

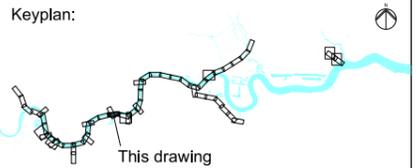
[Document Information](#)
Application for Development Consent
Works plan and section
Ranelagh connection tunnel sheet 24
Book of plans - section 1
DCO-WP-000-ZZZZ-010025
January 2013



Section A - A Scale 1:1250 horizontal : 1:500 vertical



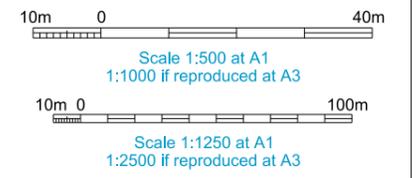
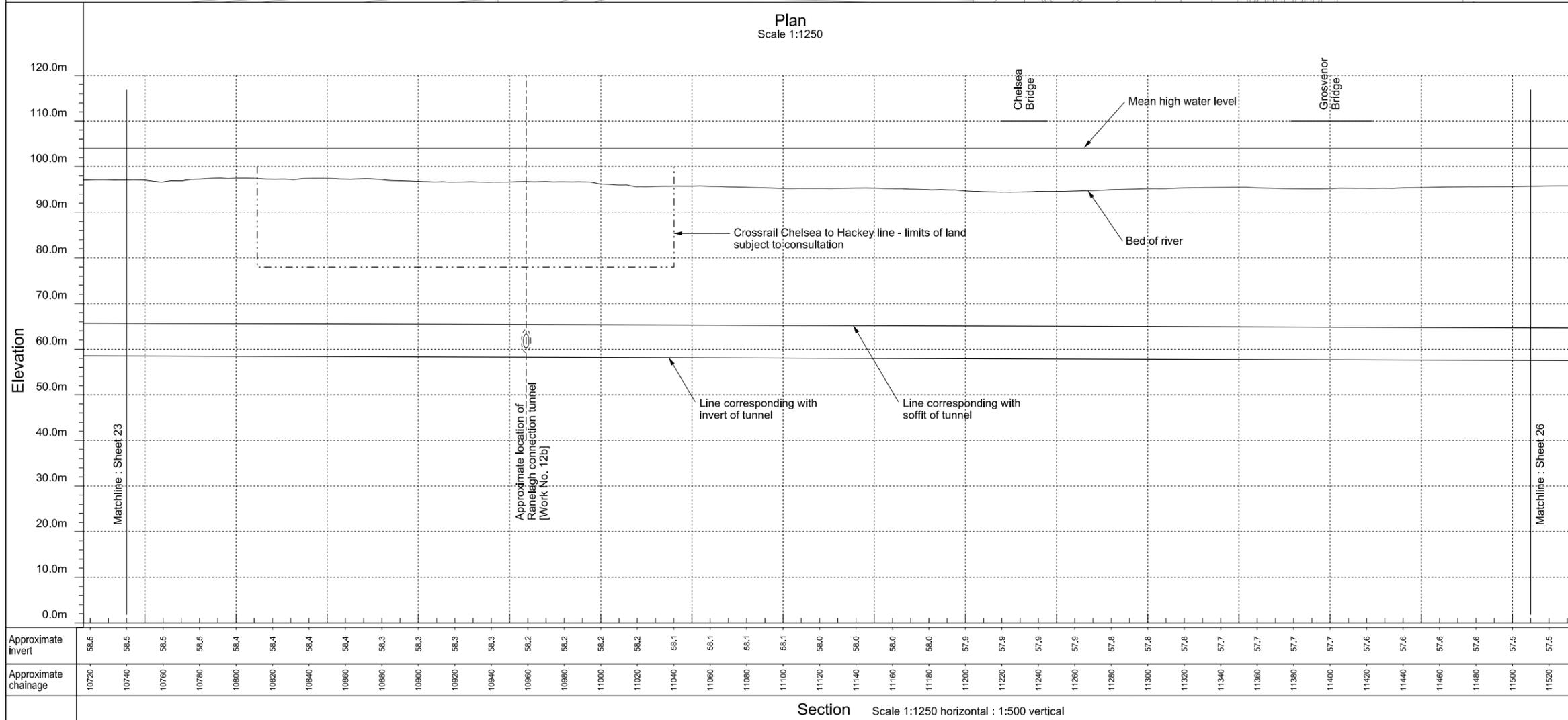
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- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:**
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 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1b.

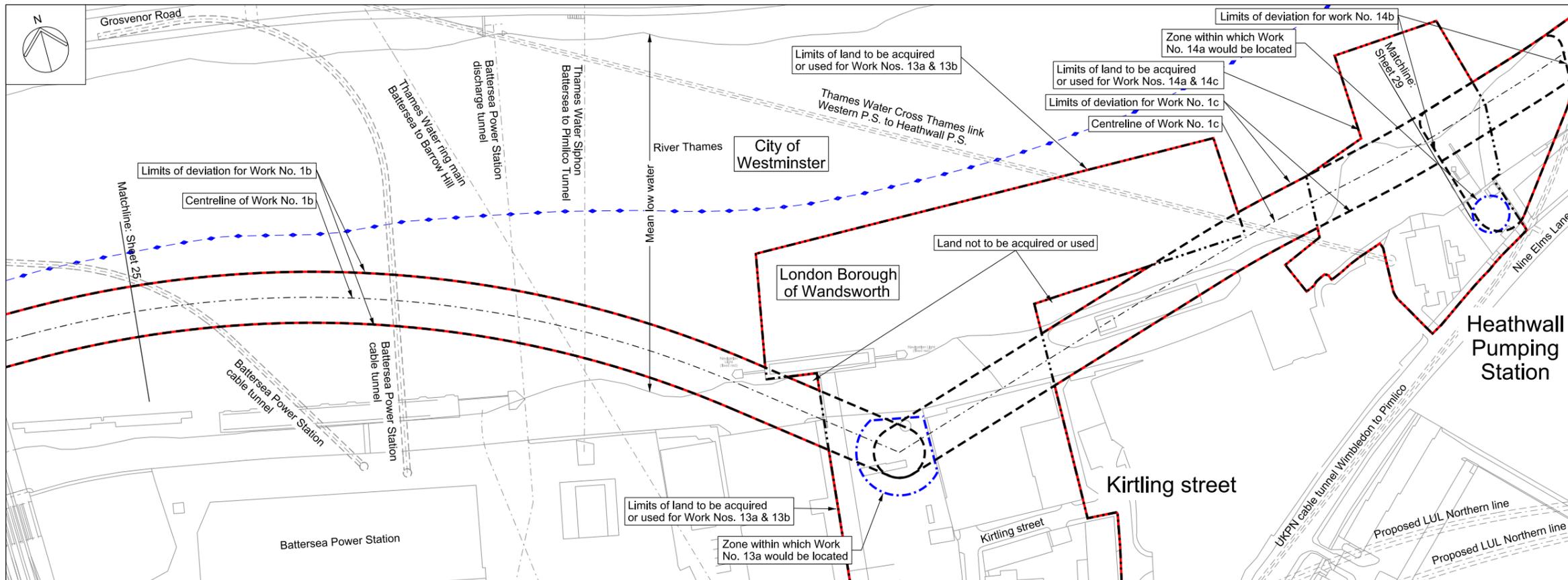


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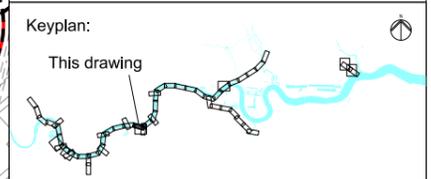
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 25
Book of plans - section 1
DCO-WP-000-ZZZZ-010026
January 2013





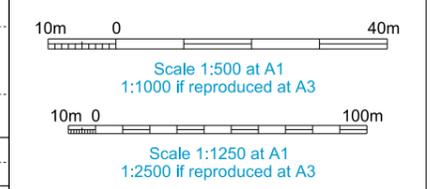
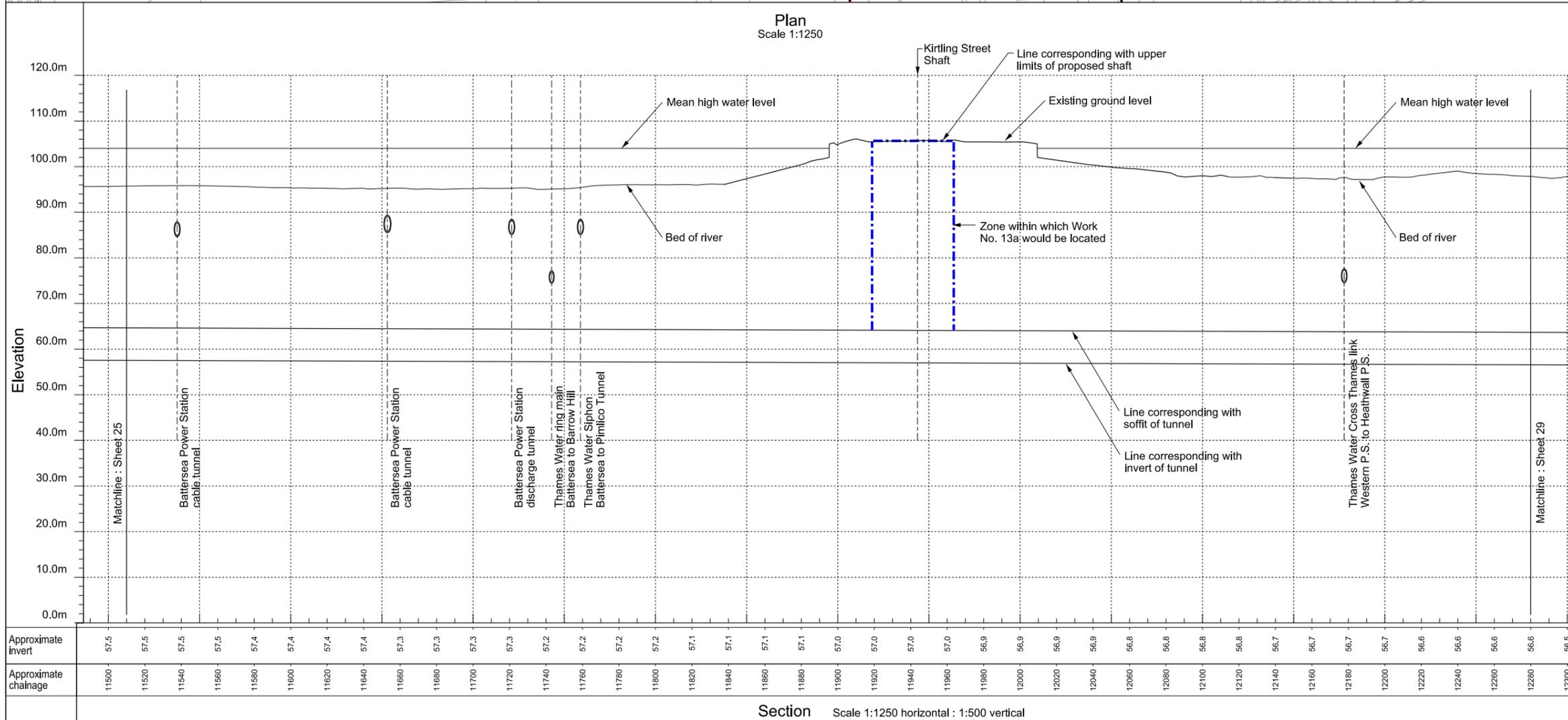
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- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1b / 1c.

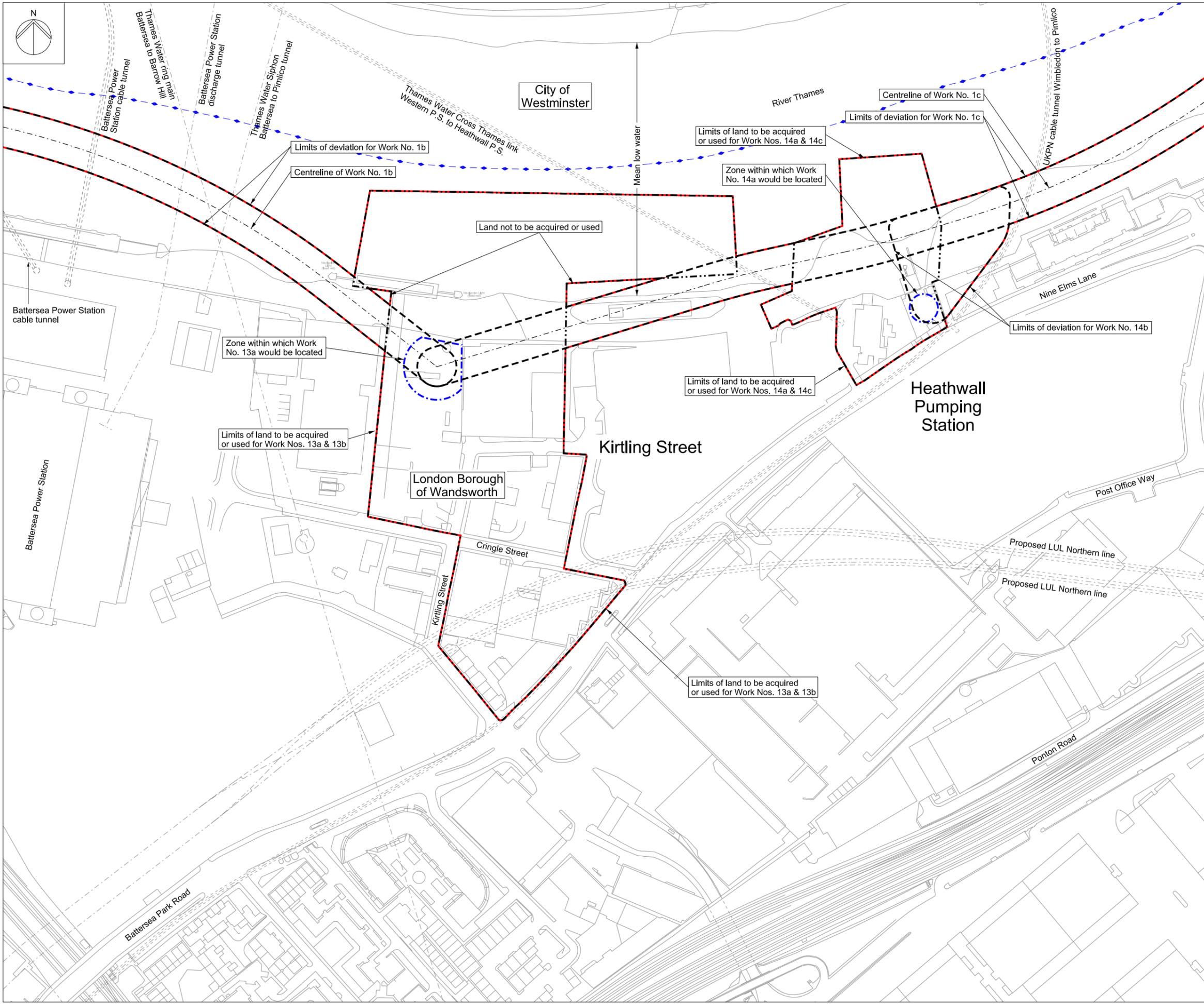


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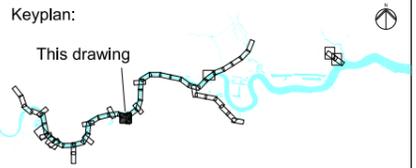
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 26
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010027
 January 2013



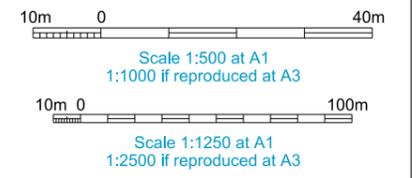


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- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

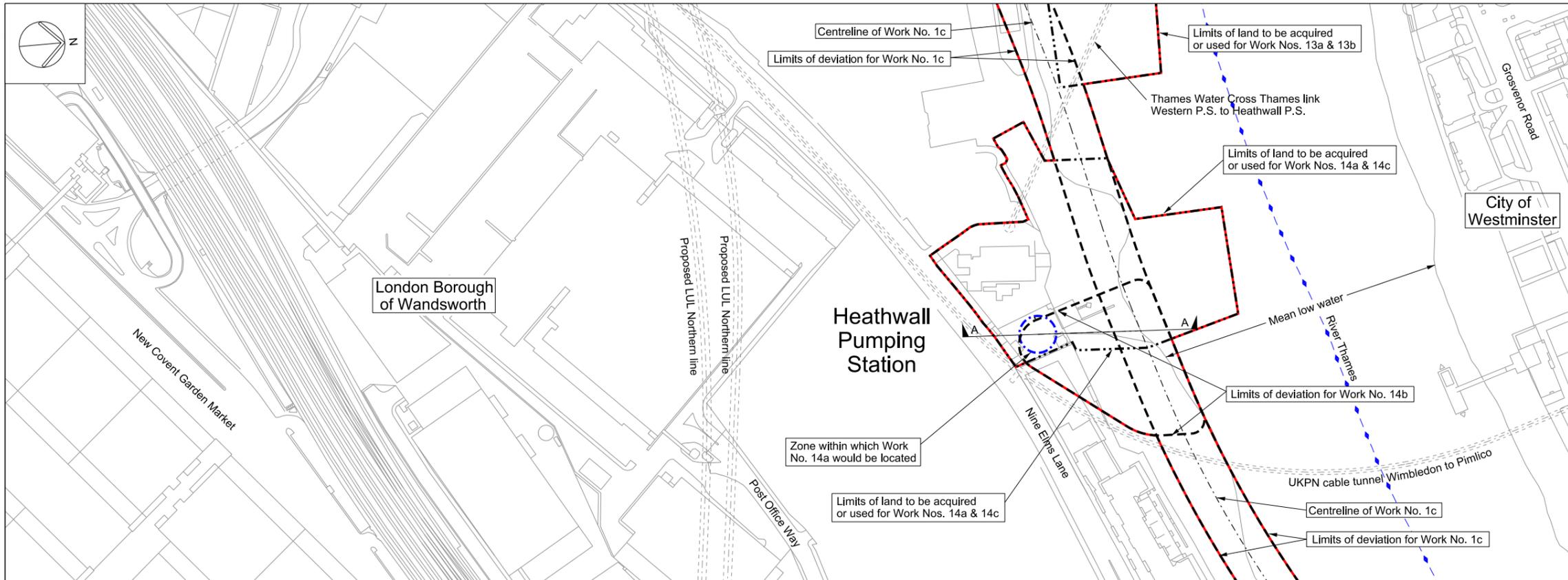


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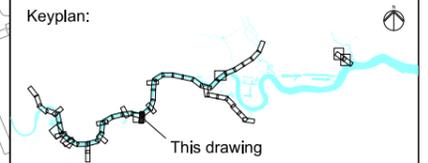
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan
 Kirtling Street site sheet 27
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010028
 January 2013





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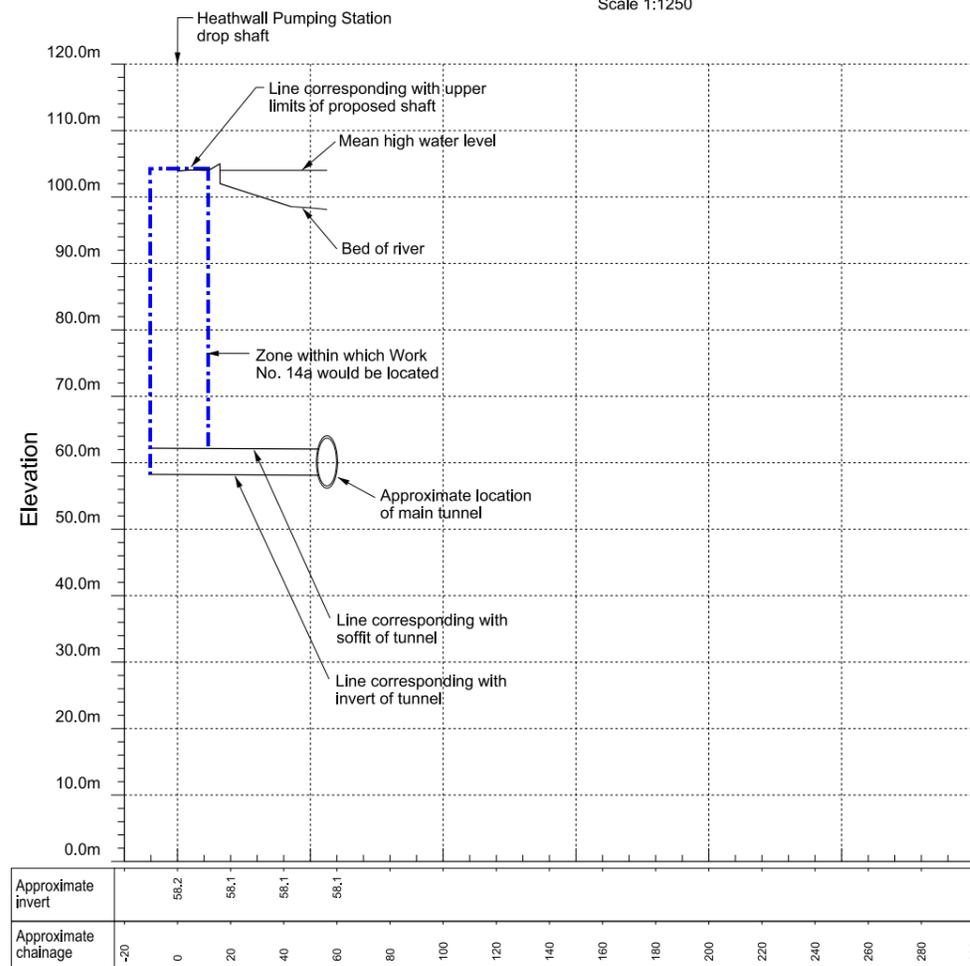


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

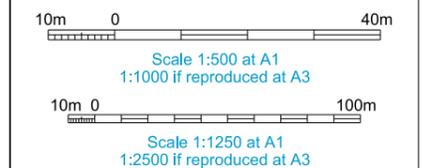
- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
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Plan
Scale 1:1250



Section A - A Scale 1:1250 horizontal : 1:500 vertical

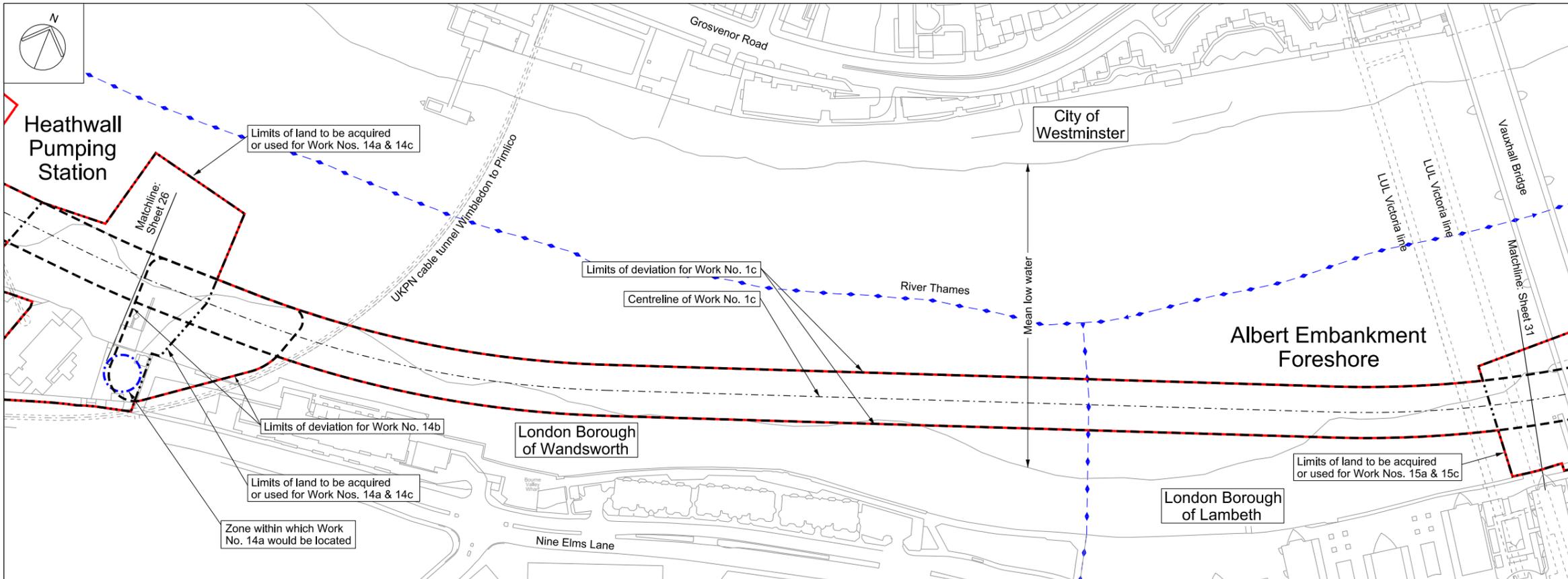


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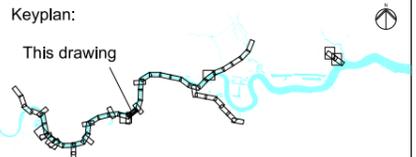
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Heathwall connection tunnel sheet 28
Book of plans - section 1
DCO-WP-000-ZZZZ-010029
January 2013





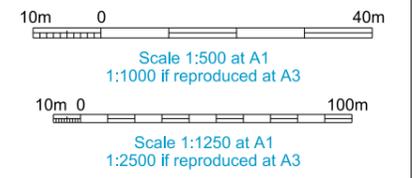
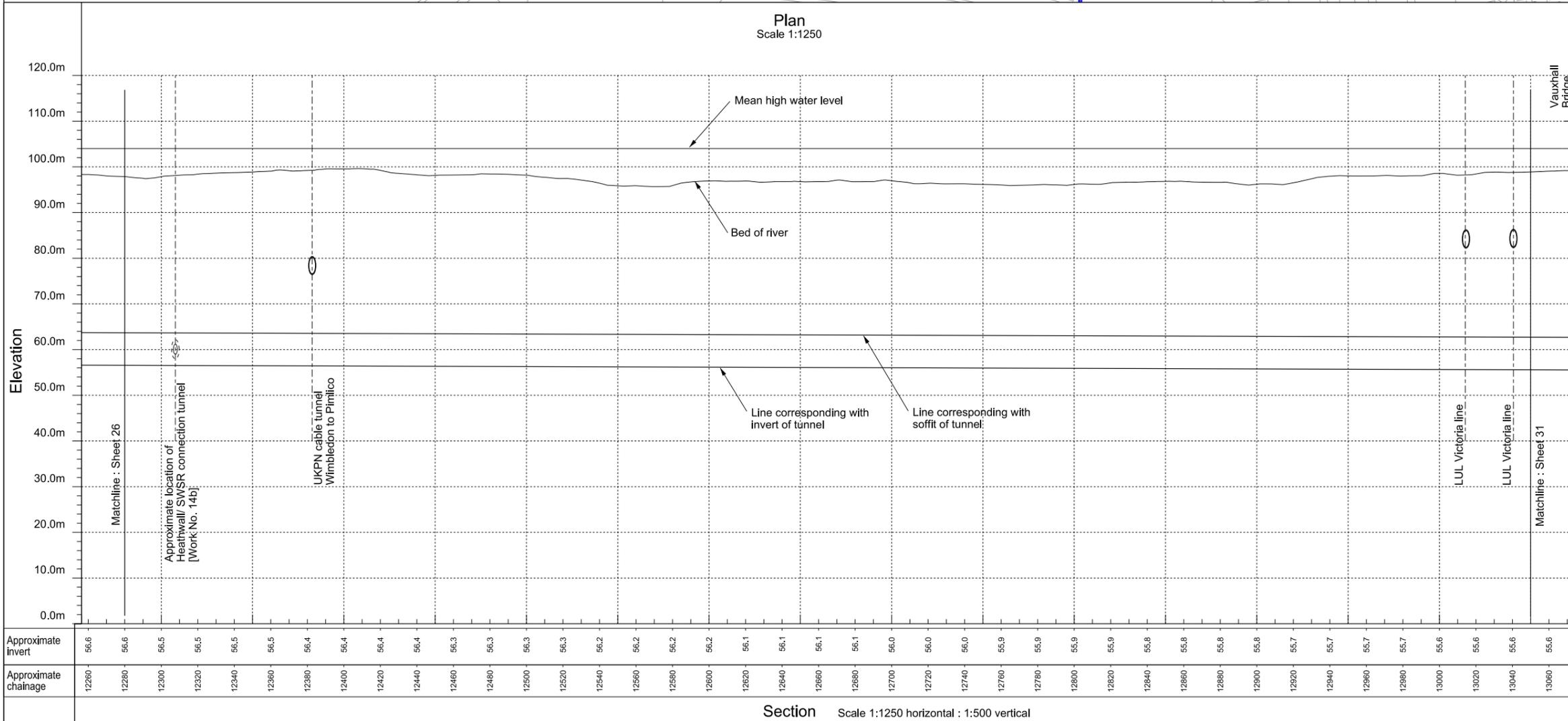
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- Key:**
- Local authority boundary
 - Order limits
 - - - Limits of land to be acquired or used (LLAU)
 - . - . - Tunnel limits of deviation (LOD)
 - - - Works centreline
 - - - Zone within which the shaft would be located

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1c.

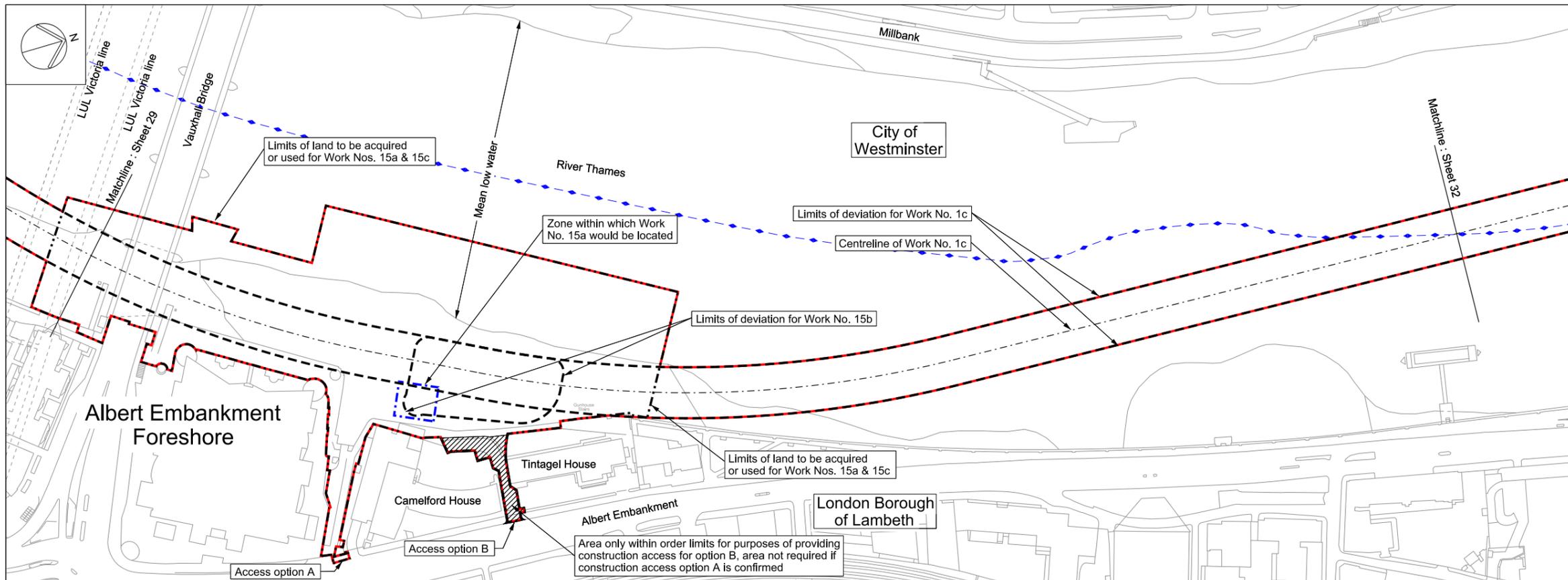


FOR APPROVAL

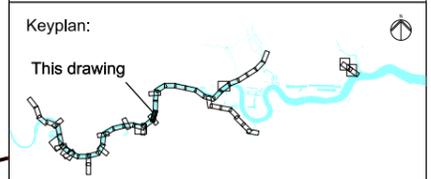
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 29
Book of plans - section 1
DCO-WP-000-ZZZZ-010030
January 2013





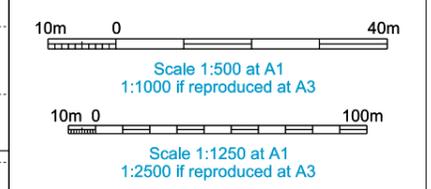
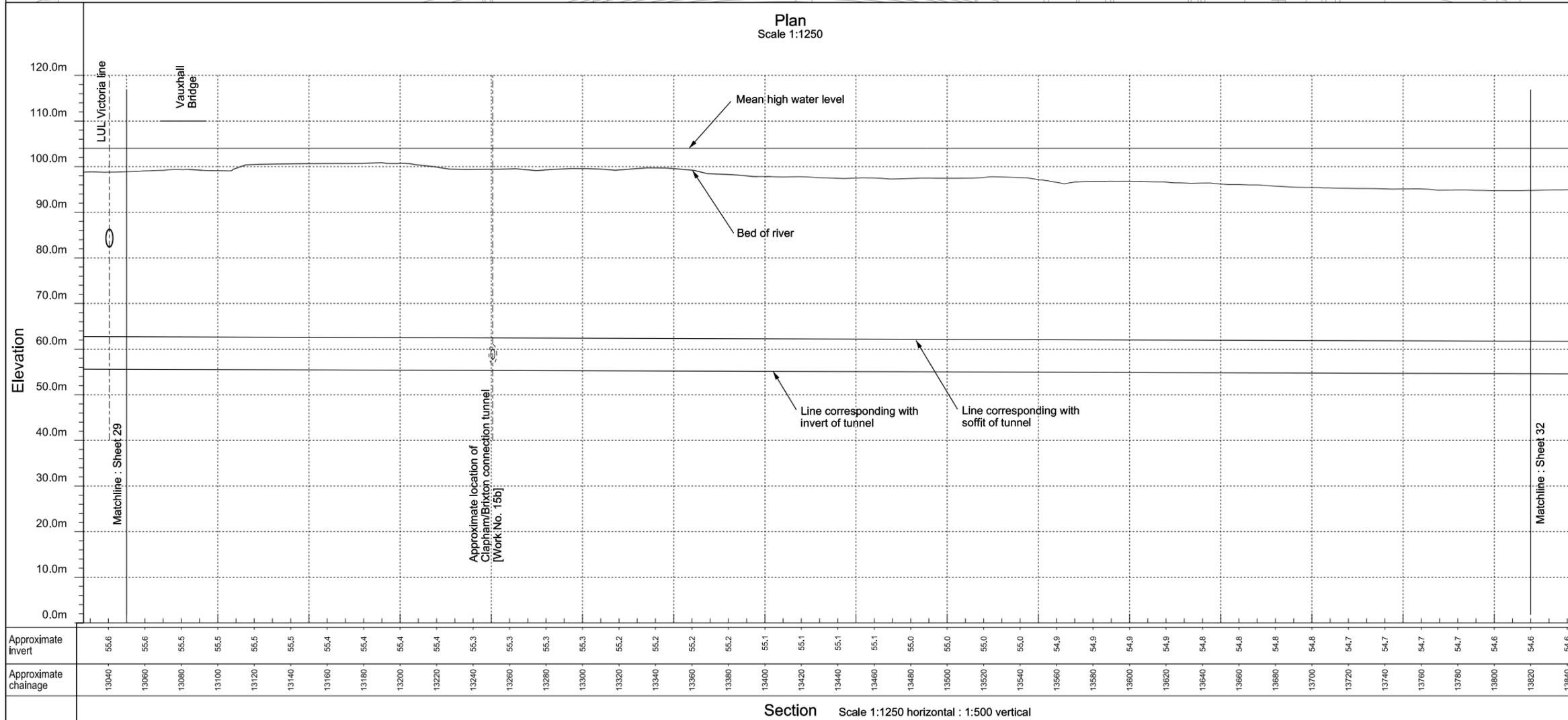
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- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline
 - - - - - Zone within which the shaft would be located

- Notes:**
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 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1c.
 4. Option A refers to construction access from Lack's Dock. Option B refers to construction access between Camelford House and Tintagel House. Access to permanent works would be via Lack's Dock.

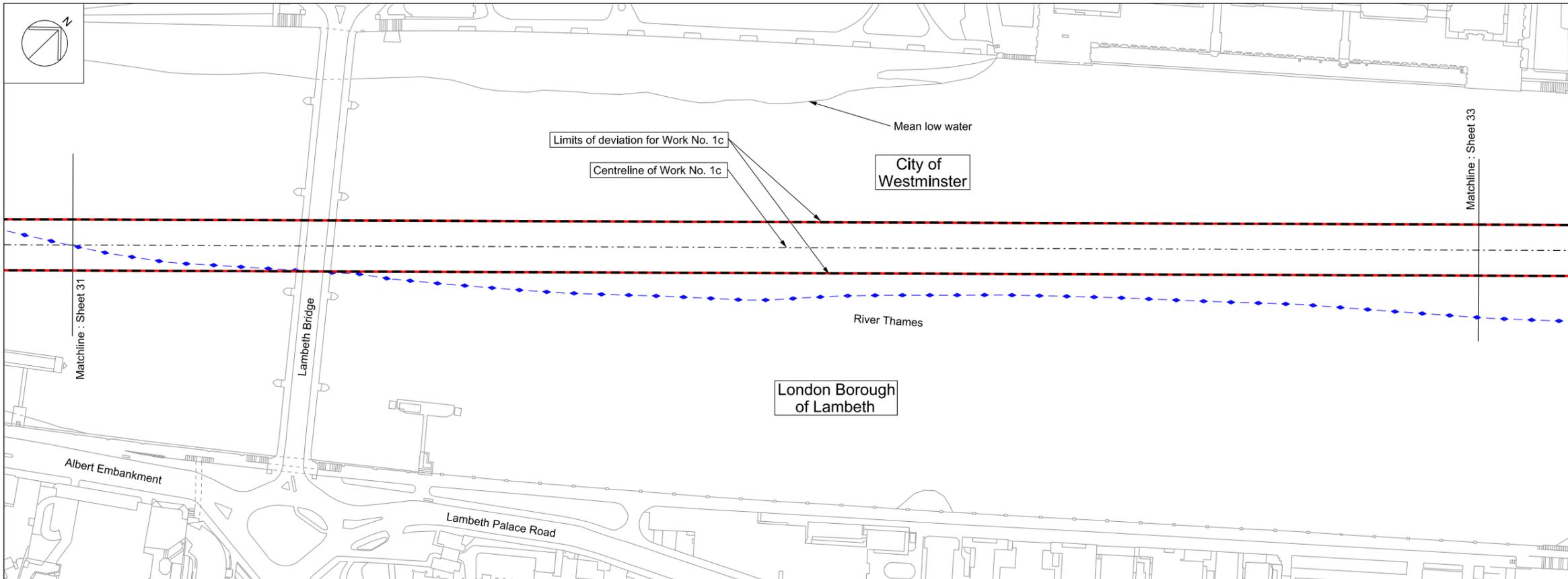


FOR APPROVAL

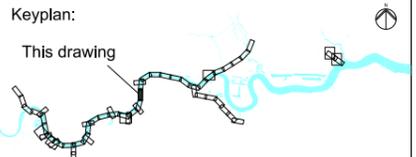
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 31
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010032
 January 2013





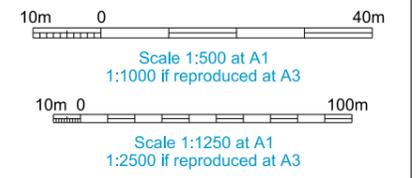
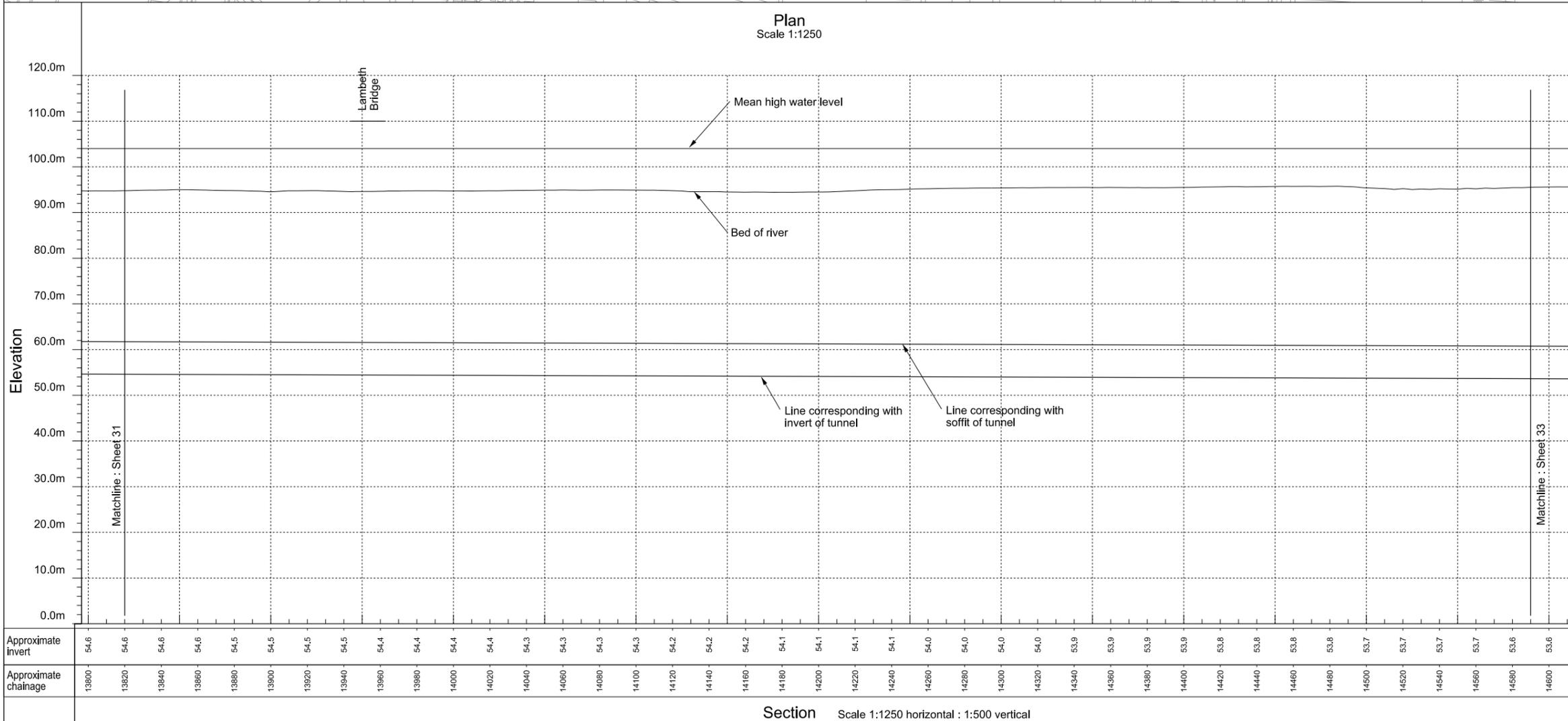
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- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:**
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 3. This section is drawn along the centreline of Work No. 1c.

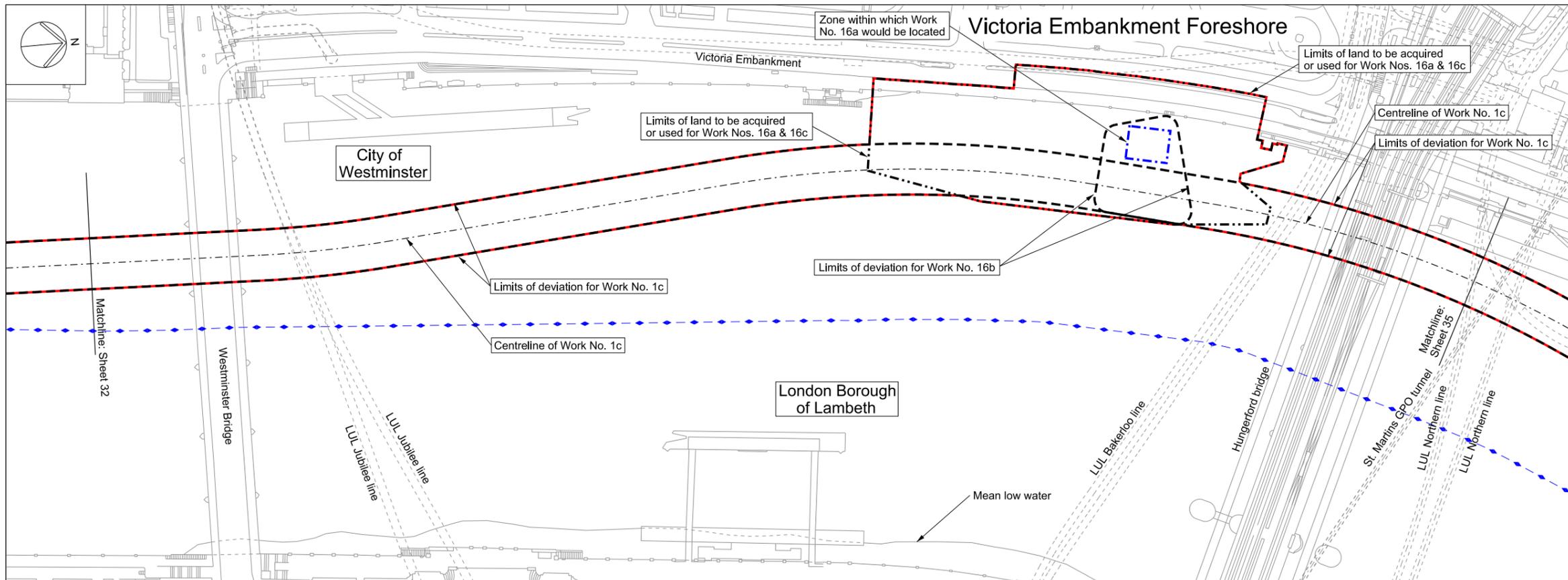


FOR APPROVAL

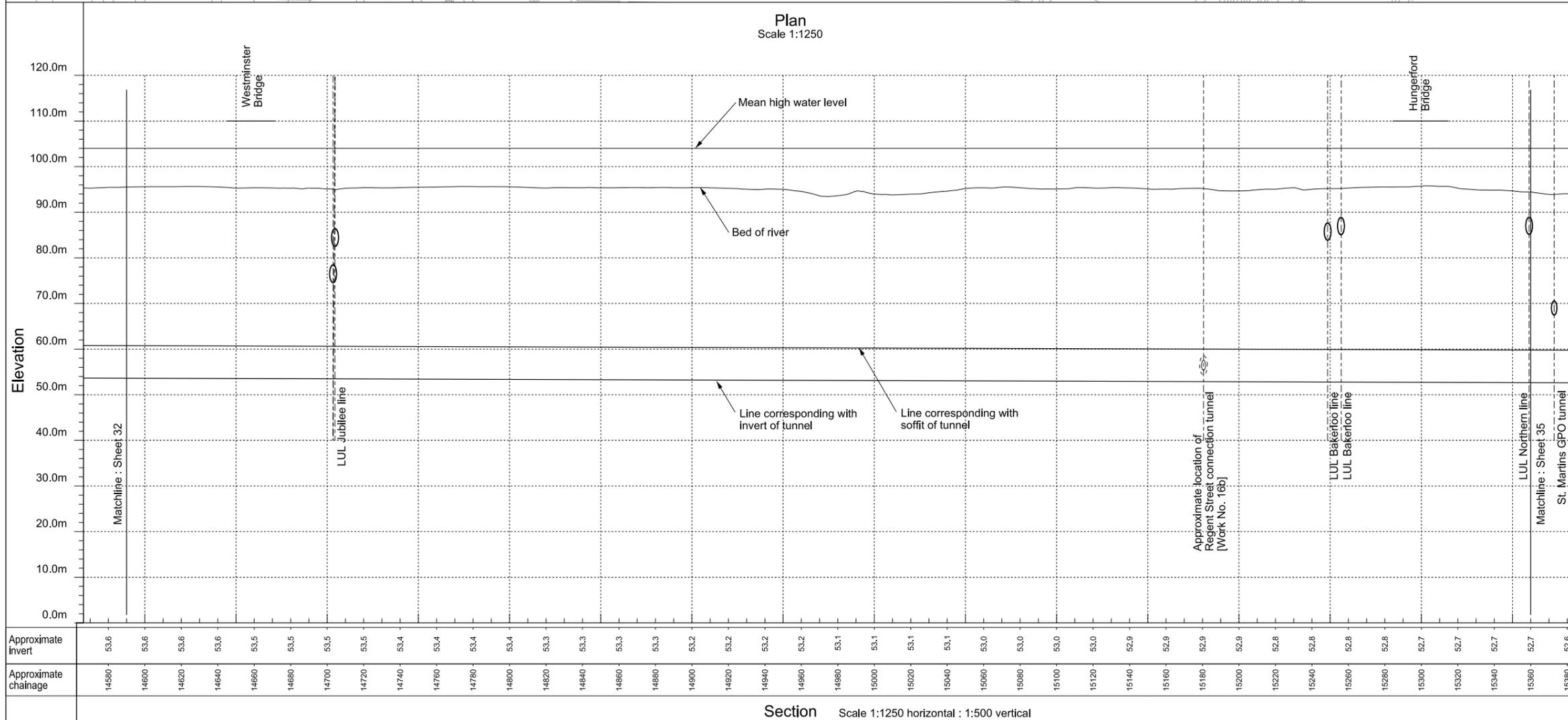
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 32
Book of plans - section 1
DCO-WP-000-ZZZZ-010033
January 2013



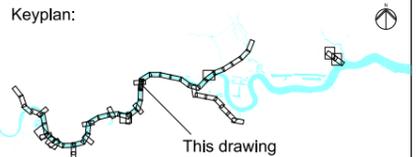


Plan
Scale 1:1250



Section Scale 1:1250 horizontal : 1:500 vertical

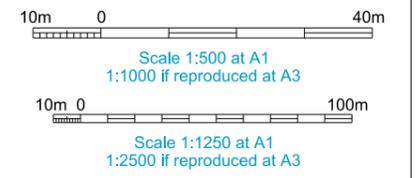
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- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

- Notes:
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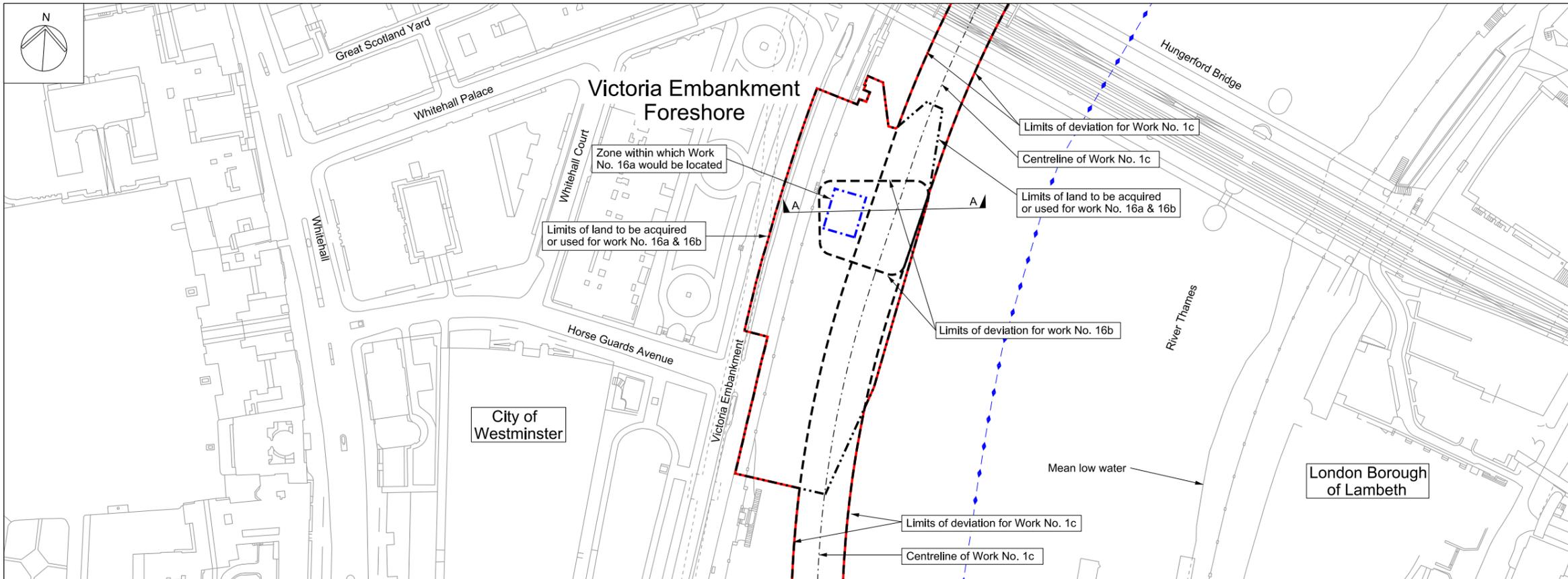


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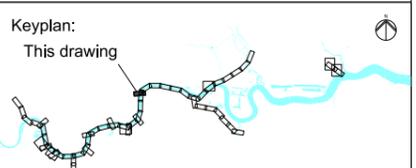
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 33
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010034
 January 2013





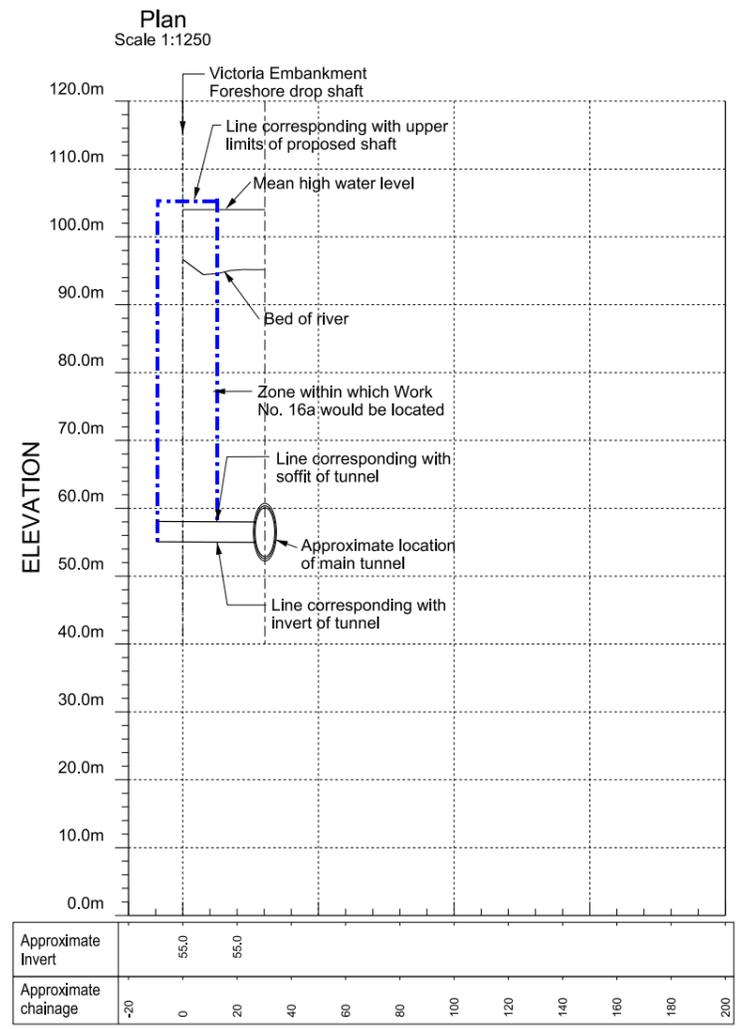
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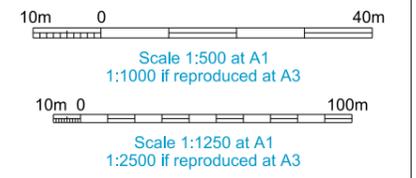
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
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Section A - A Scale 1:1250 horizontal : 1:500 vertical

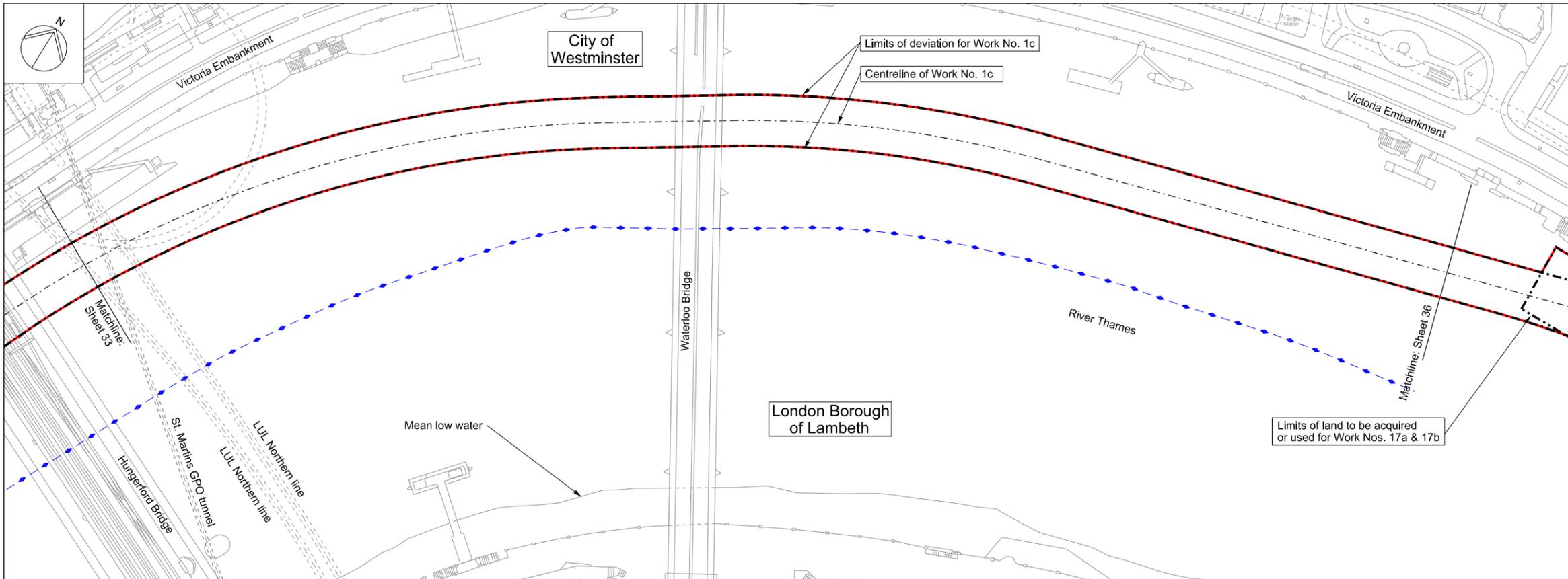


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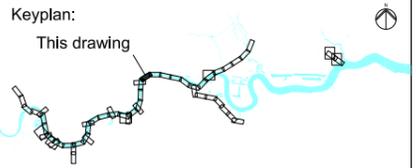
[Location](#)
Project wide
London

[Document Information](#)
Application for Development Consent
Works plan and section
Regent st. connection tunnel sheet 34
Book of plans - section 1
DCO-WP-000-ZZZZ-010035
January 2013





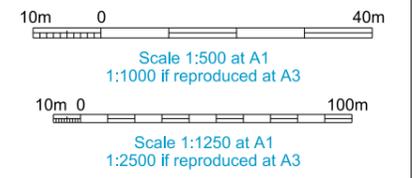
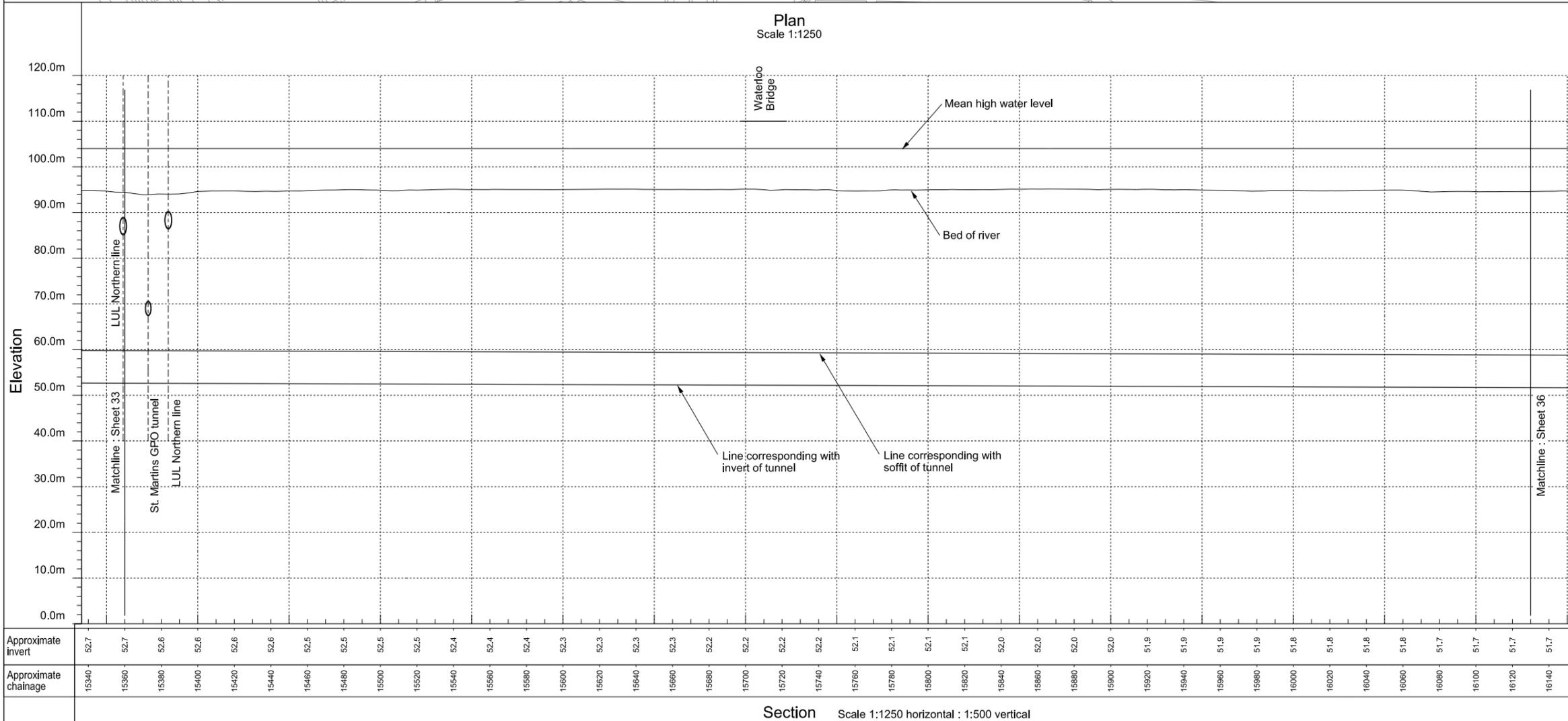
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
 2. Chainages are calculated from the centre of the anticipated location of the shafts within the zones within which they would be located and are subject to the horizontal limits of deviation shown on the Works Plans.
 3. This section is drawn along the centreline of Work No. 1c.

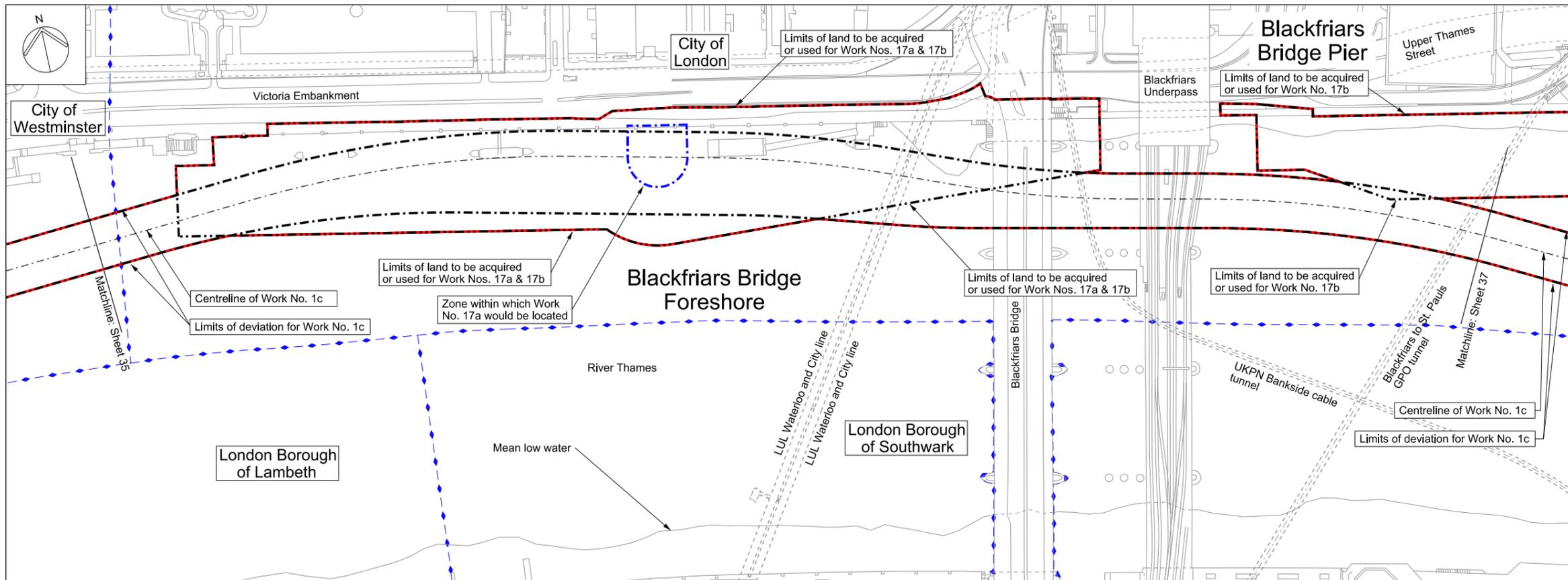


FOR APPROVAL

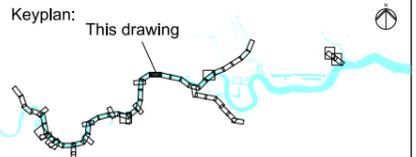
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 35
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010036
 January 2013





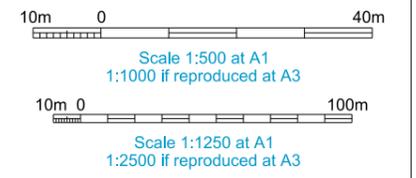
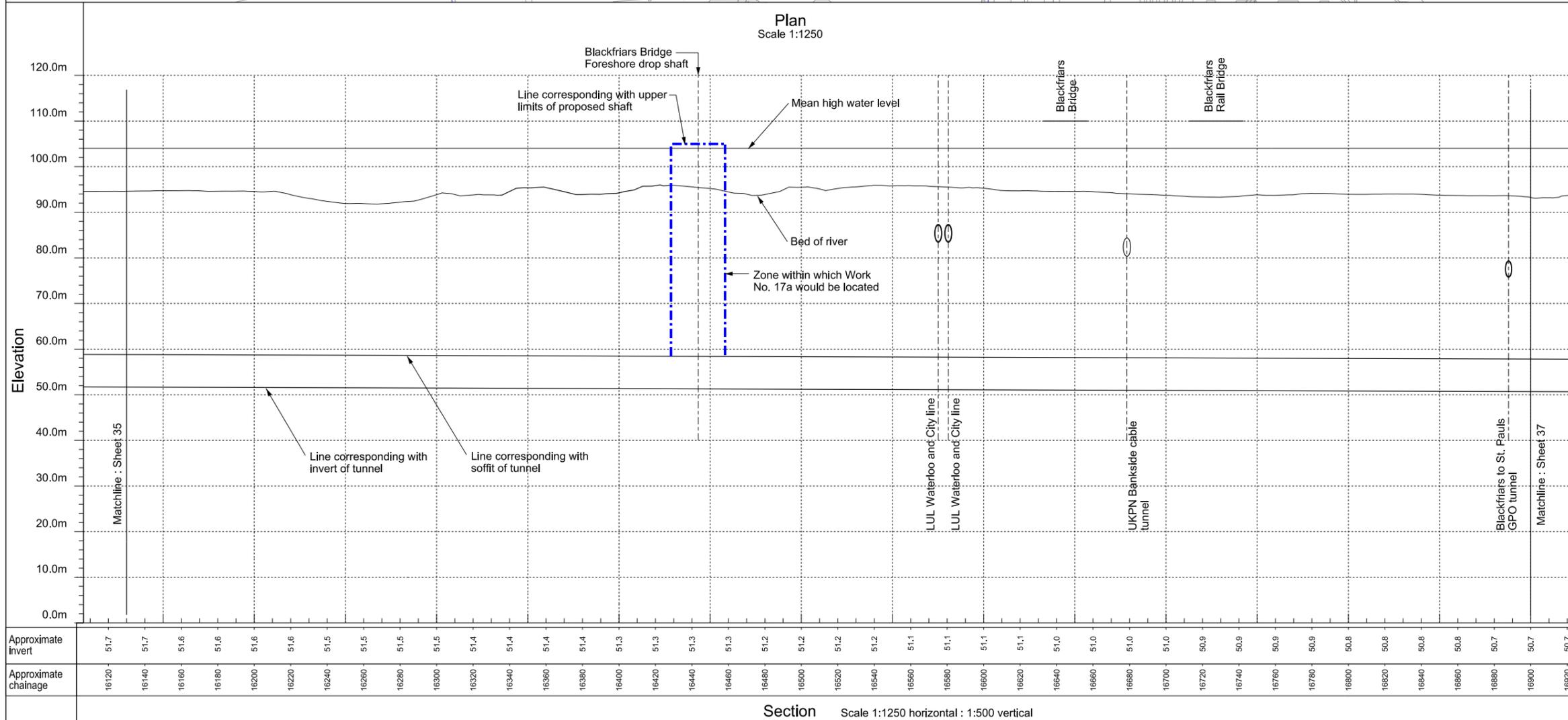
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - - - Limits of land to be acquired or used (LLAU)
 - - - Tunnel limits of deviation (LOD)
 - - - Works centreline
 - - - Zone within which the shaft would be located

- Notes:**
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 3. This section is drawn along the centreline of Work No. 1c.

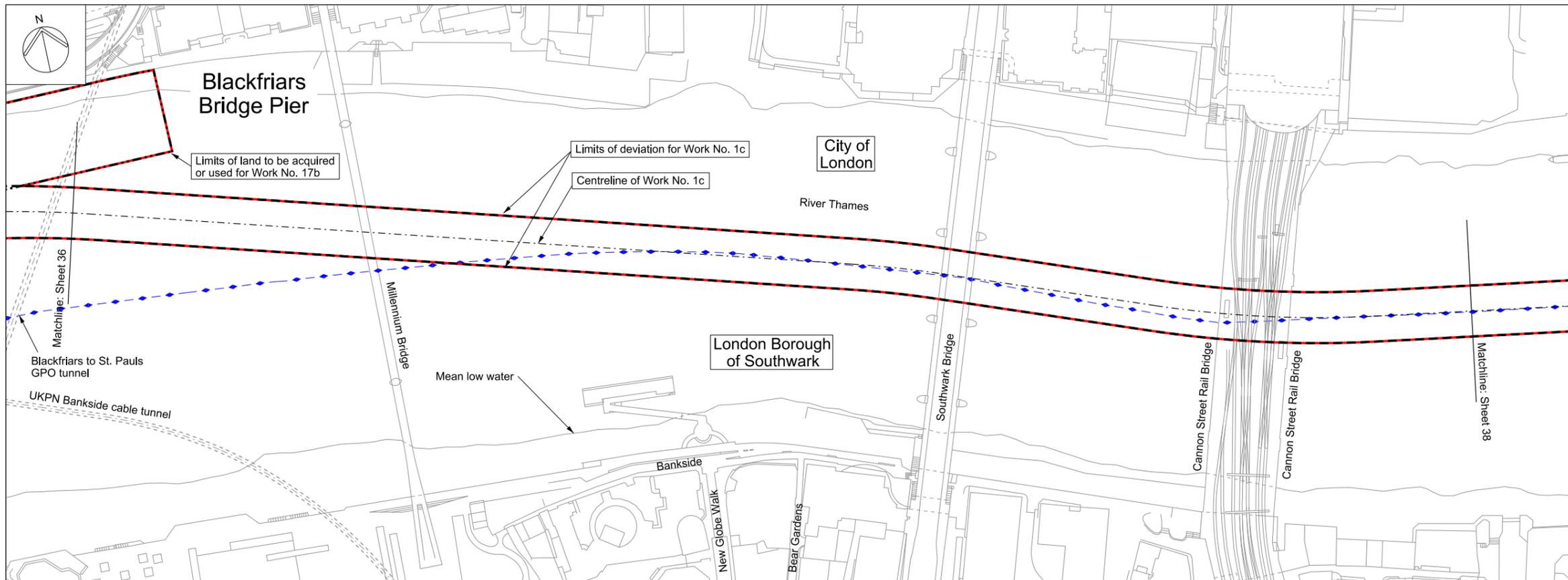


FOR APPROVAL

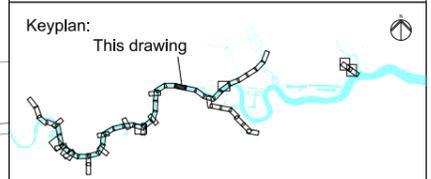
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 36
Book of plans - section 1
DCO-WP-000-ZZZZ-010037
January 2013





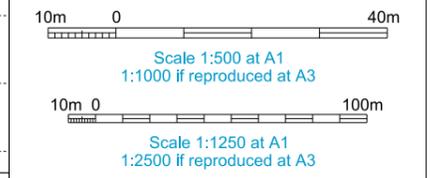
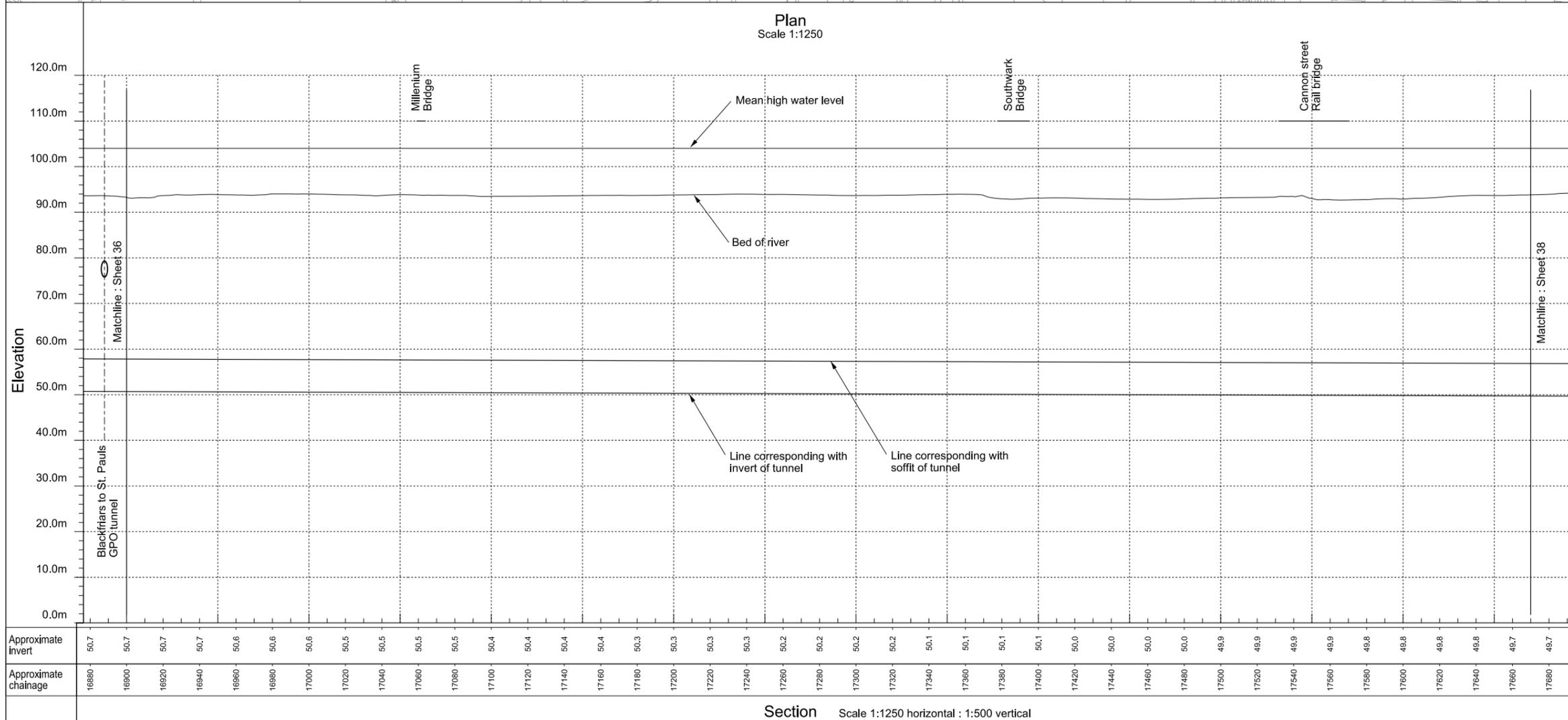
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:**
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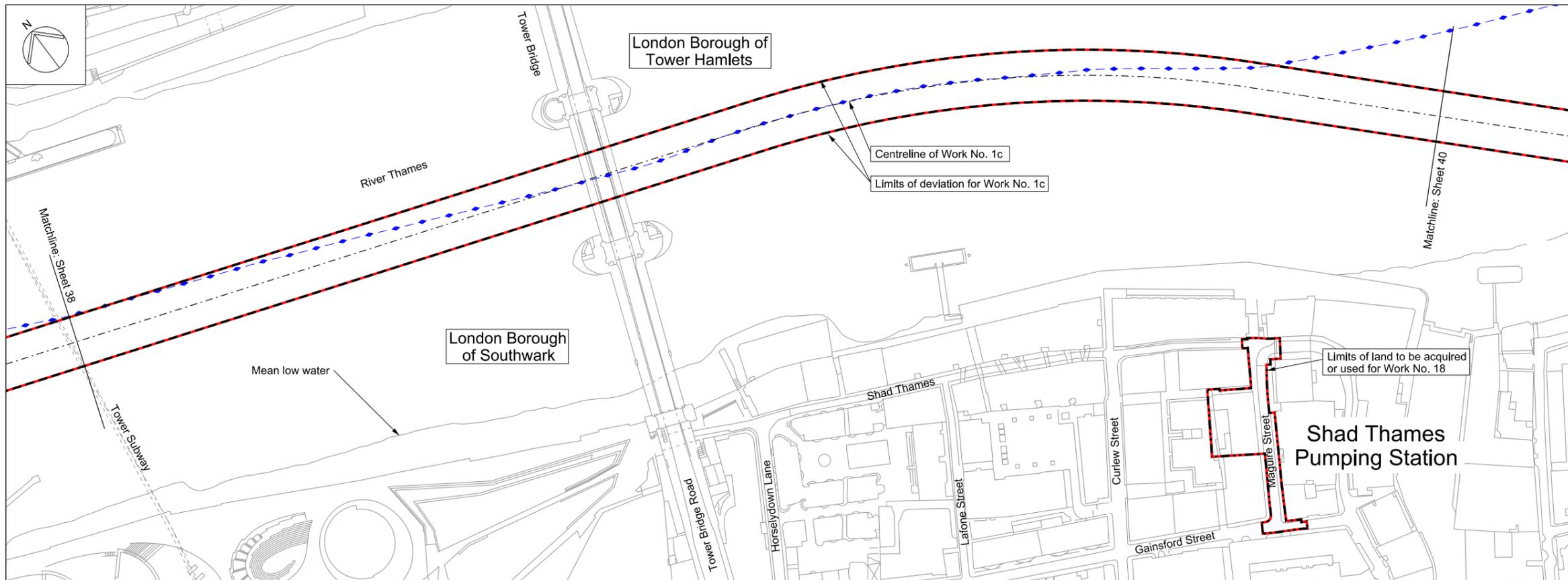


FOR APPROVAL

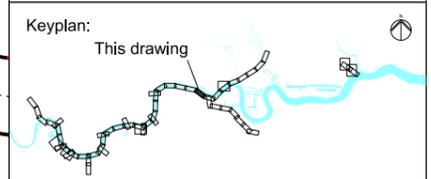
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 37
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010038
 January 2013





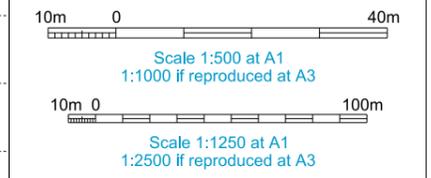
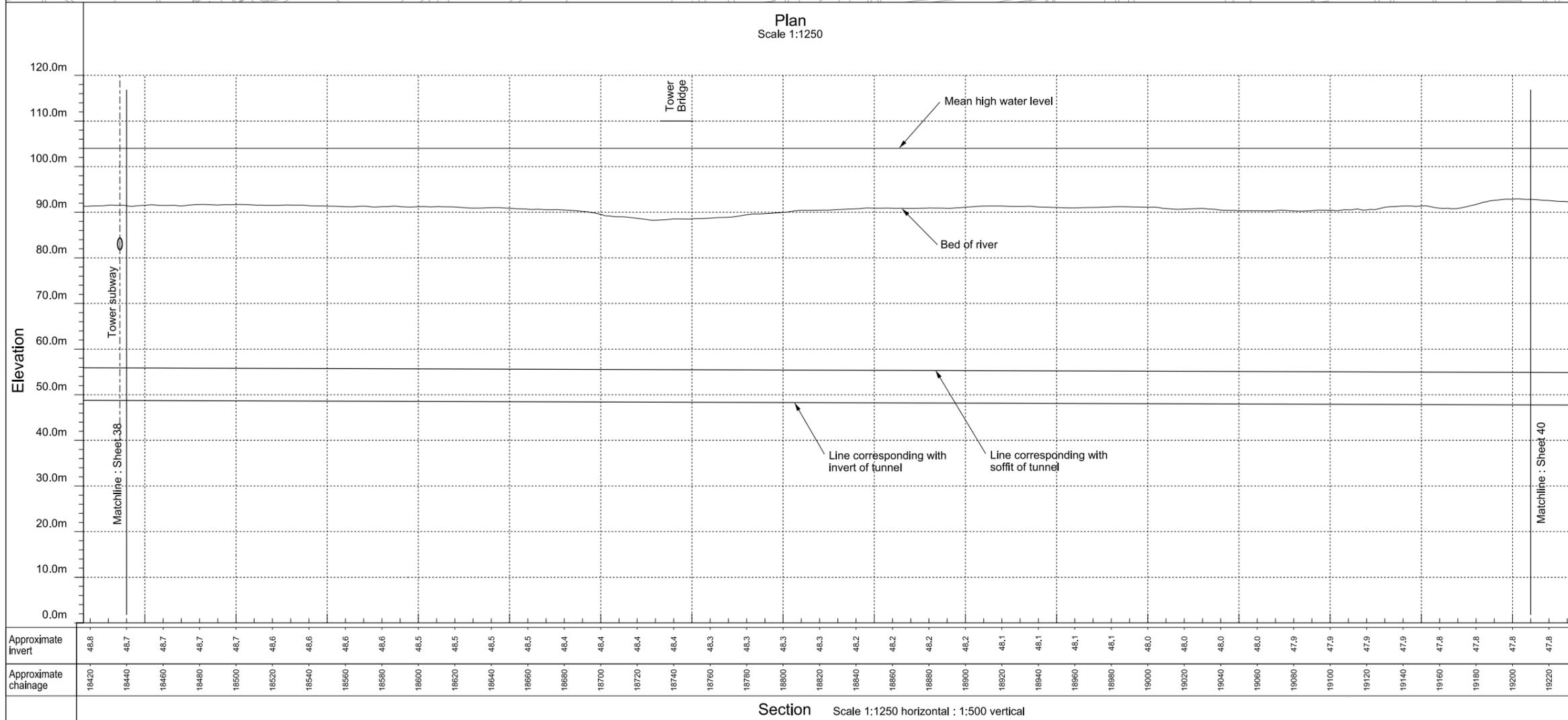
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:**
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 3. This section is drawn along the centreline of Work No. 1c.



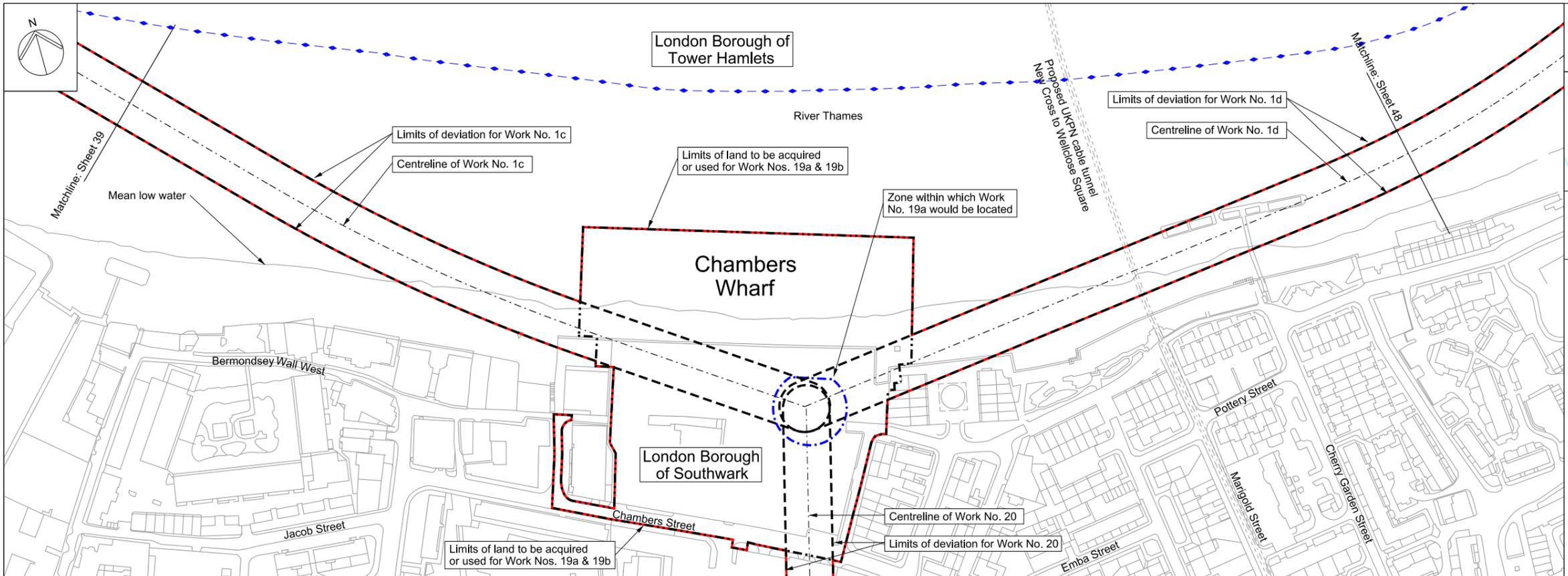
FOR APPROVAL

[Location](#)
Project wide
 London

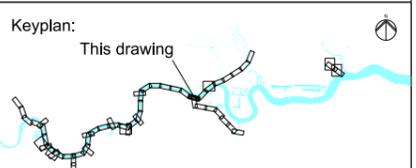
[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 39
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010040
 January 2013



Approximate invert	Approximate chainage
48.8	18420
48.7	18440
48.7	18460
48.7	18480
48.7	18500
48.6	18520
48.6	18540
48.6	18560
48.6	18580
48.5	18600
48.5	18620
48.5	18640
48.5	18660
48.4	18680
48.4	18700
48.4	18720
48.4	18740
48.3	18760
48.3	18780
48.3	18800
48.3	18820
48.2	18840
48.2	18860
48.2	18880
48.2	18900
48.1	18920
48.1	18940
48.1	18960
48.1	18980
48.0	19000
48.0	19020
48.0	19040
48.0	19060
47.9	19080
47.9	19100
47.9	19120
47.9	19140
47.8	19160
47.8	19180
47.8	19200
47.8	19220



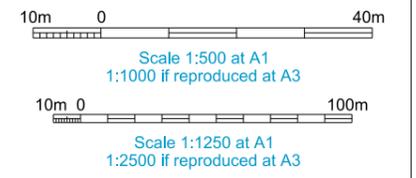
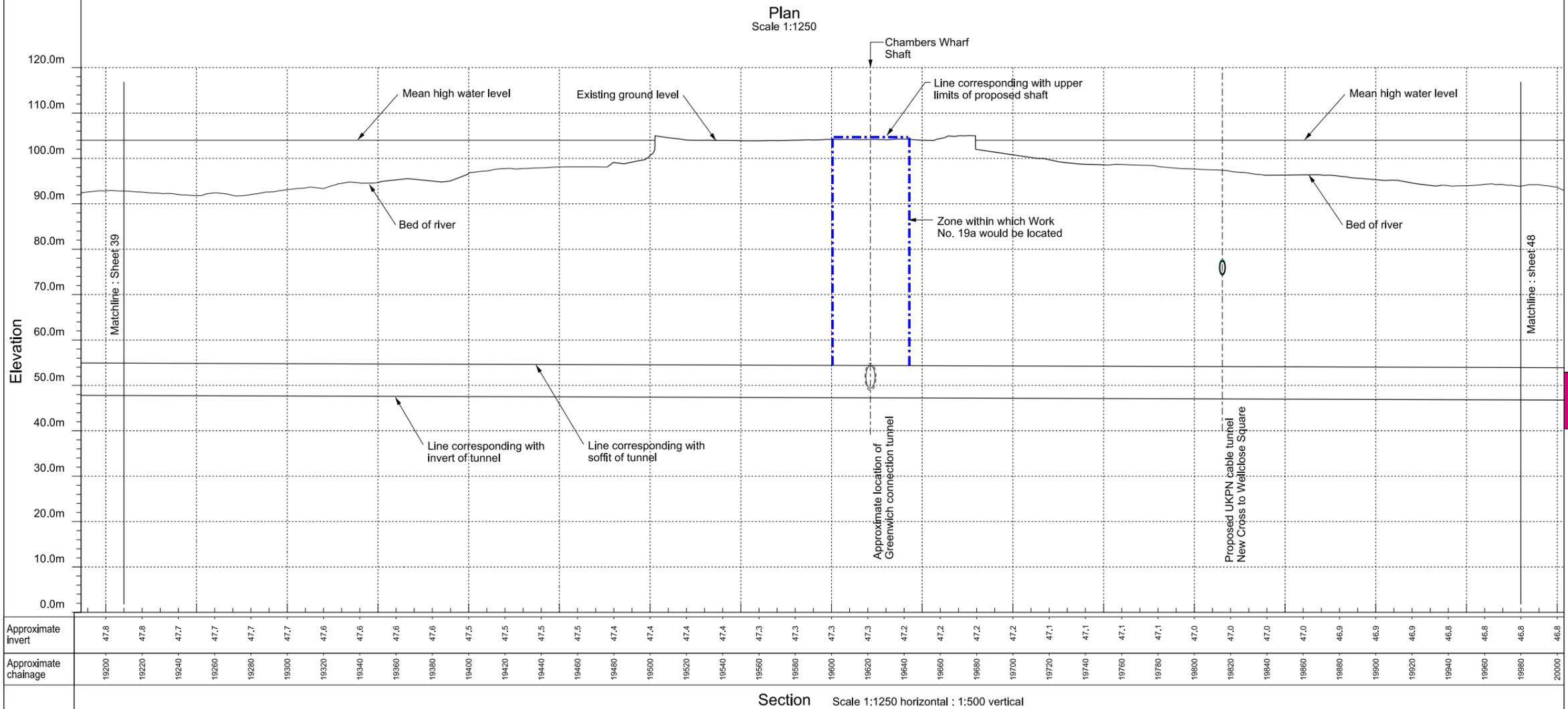
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline
 - - - - - Zone within which the shaft would be located

- Notes:**
1. Invert and soffit levels are applied to the internal surface of the finished tunnel lining and are subject to the vertical limits of deviation specified in the Draft Development Consent Order.
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 3. This section is drawn along the centreline of Work No. 1c / 1d.

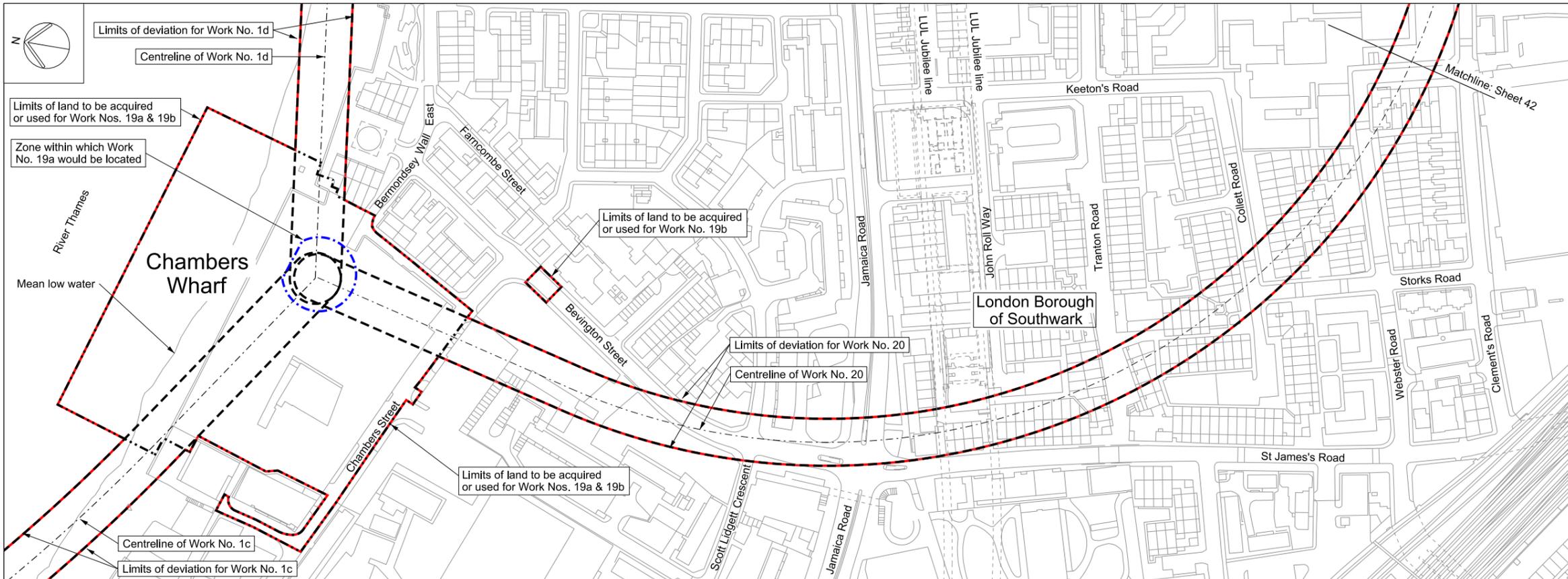


FOR APPROVAL

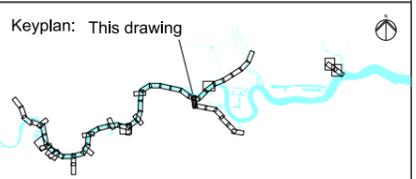
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 40
Book of plans - section 1
DCO-WP-000-ZZZZ-010041
January 2013





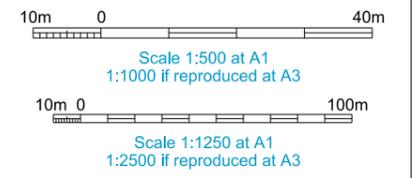
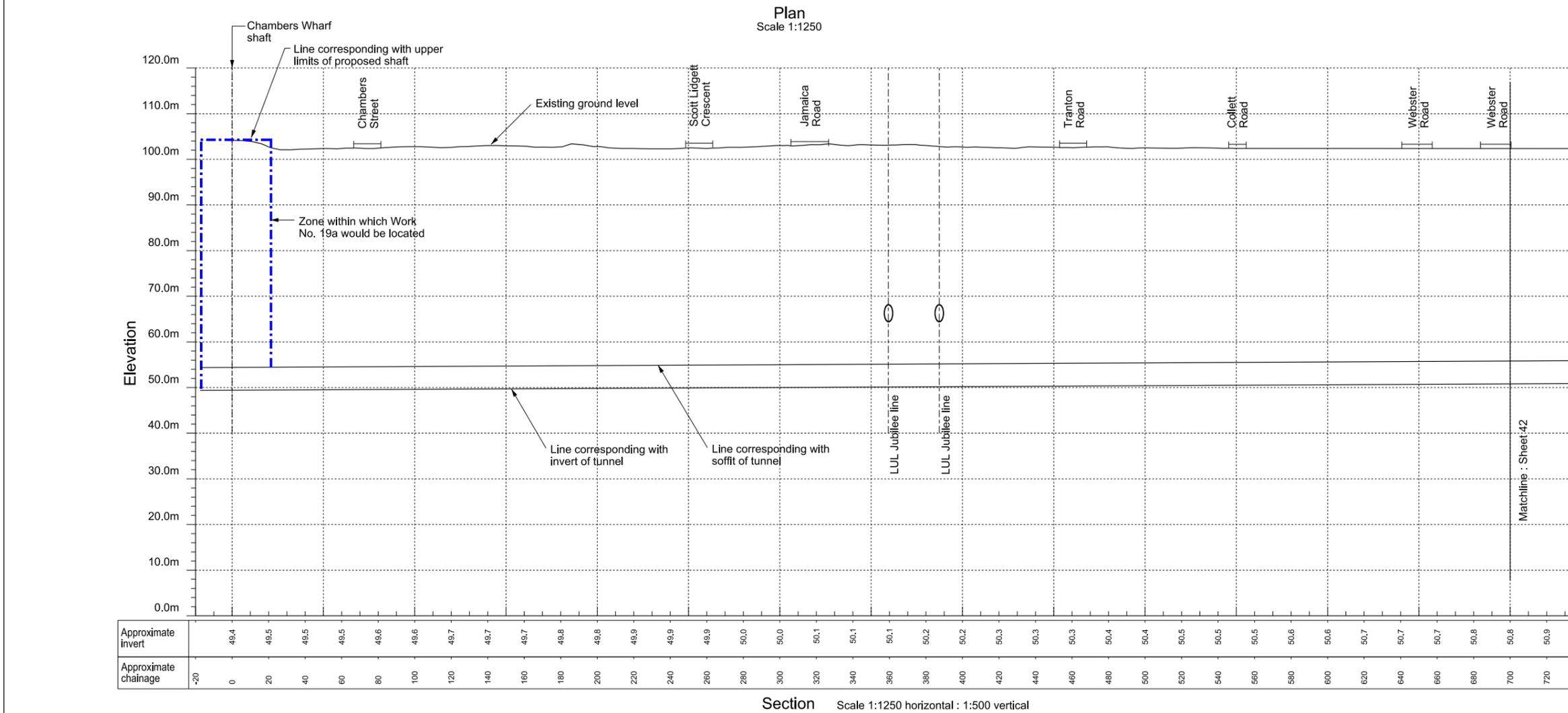
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline
 - - - - - Zone within which the shaft would be located

- Notes:**
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 3. This section is drawn along the centreline of Work No. 20.

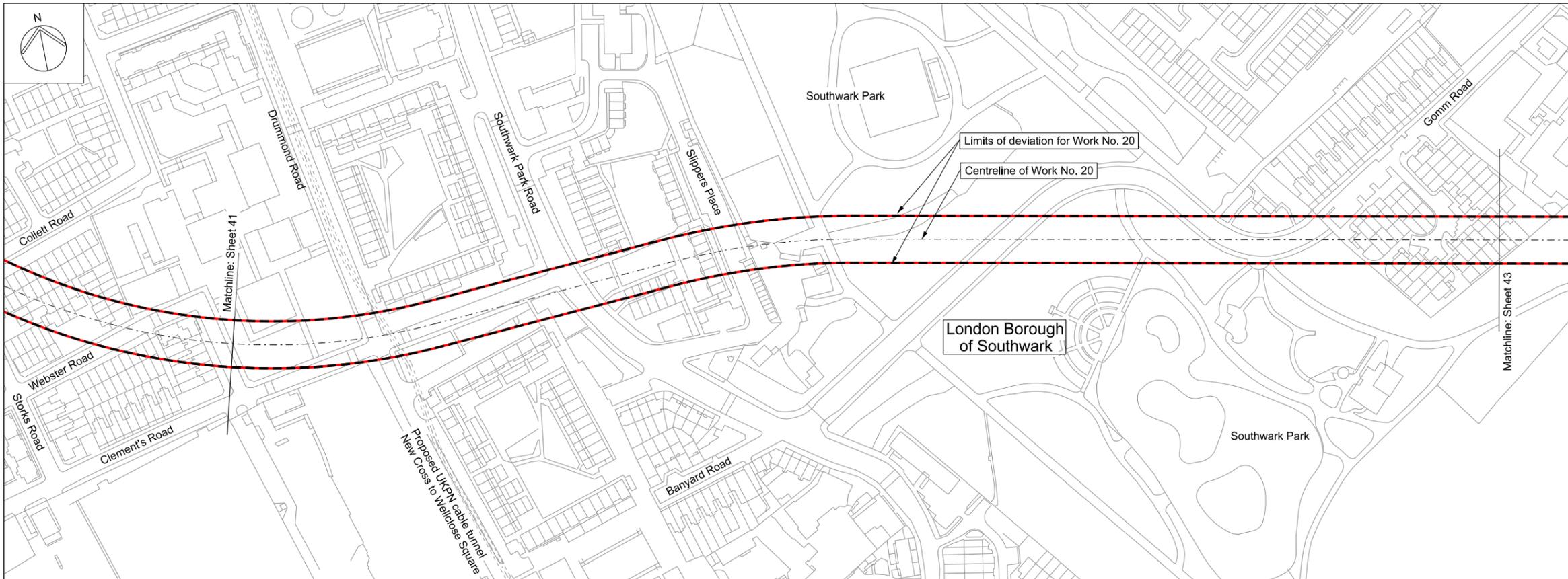


FOR APPROVAL

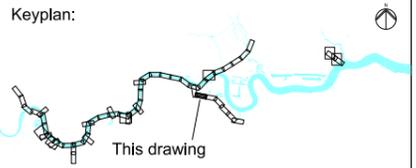
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Greenwich connection tunnel sheet 41
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010042
 January 2013





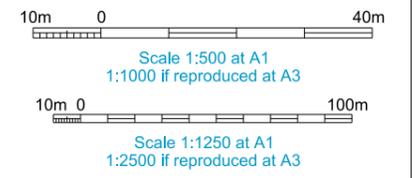
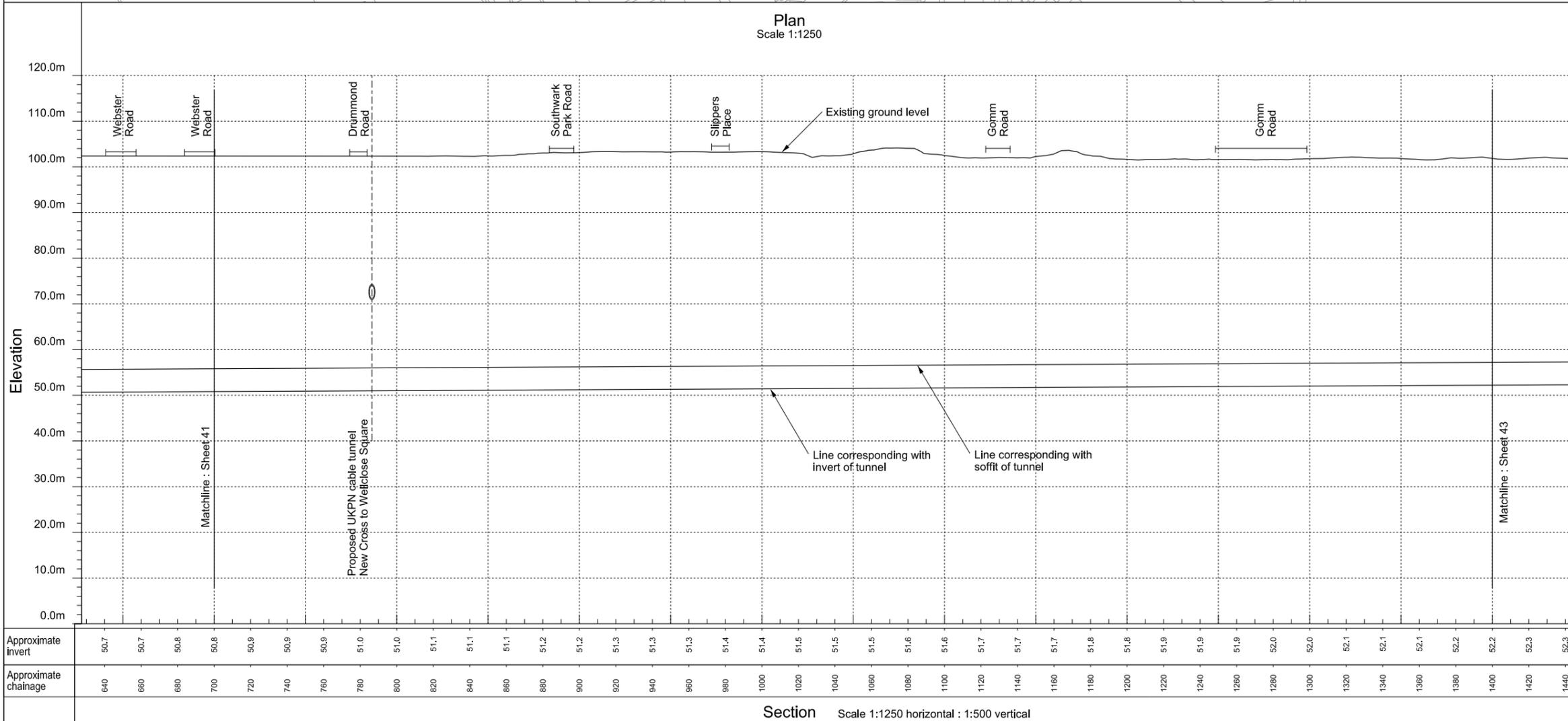
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:**
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 3. This section is drawn along the centreline of Work No. 20.



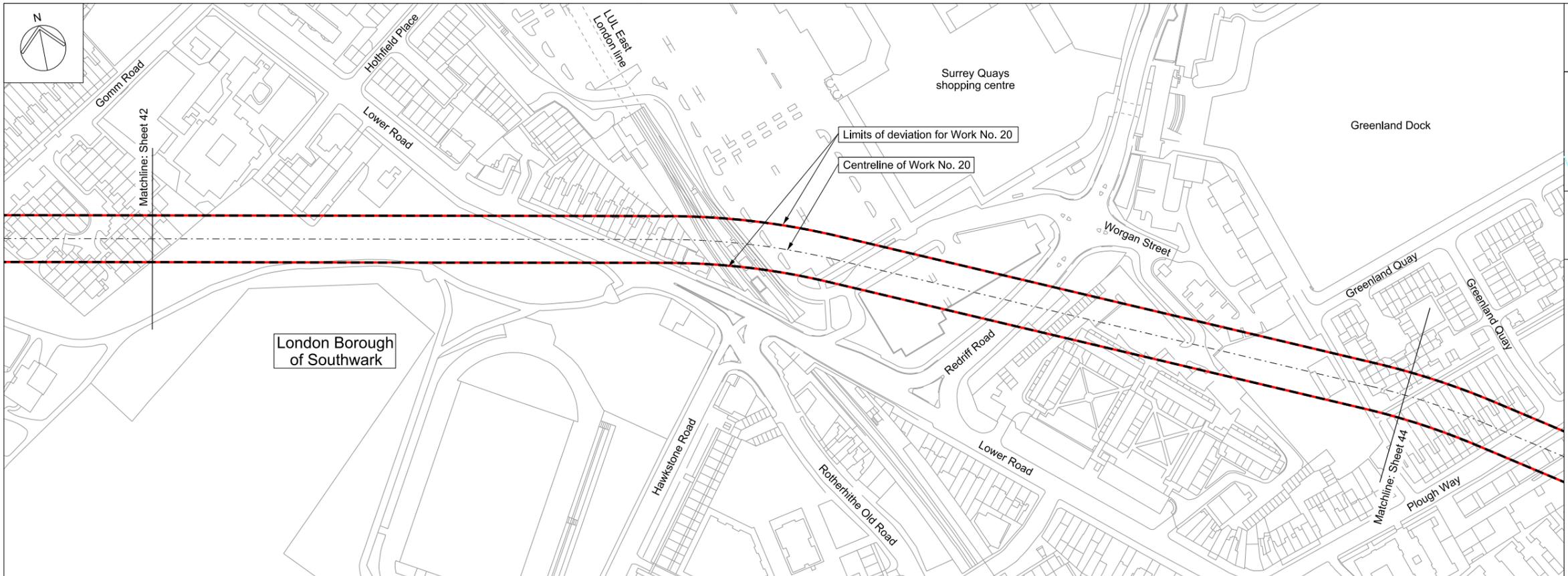
FOR APPROVAL

[Location](#)
Project wide
 London

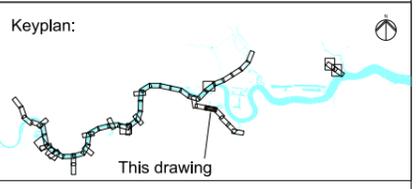
[Document Information](#)
Application for Development Consent
 Works plan and section
 Greenwich connection tunnel sheet 42
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010043
 January 2013



Approximate invert	640	660	680	700	720	740	760	780	800	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1080	1100	1120	1140	1160	1180	1200	1220	1240	1260	1280	1300	1320	1340	1360	1380	1400	1420	1440
50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.3	52.3	52.3



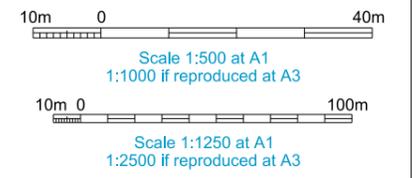
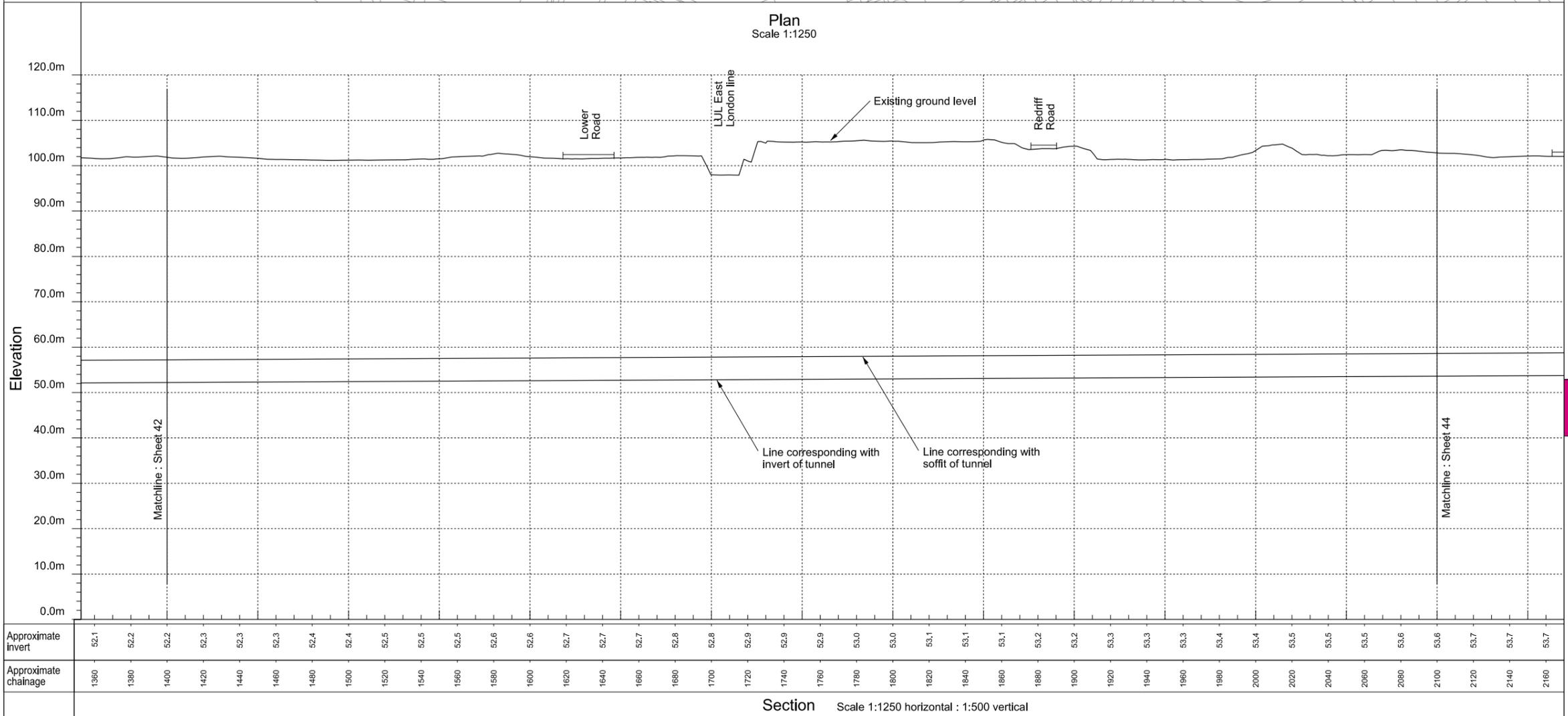
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:
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 3. This section is drawn along the centreline of Work No. 20.

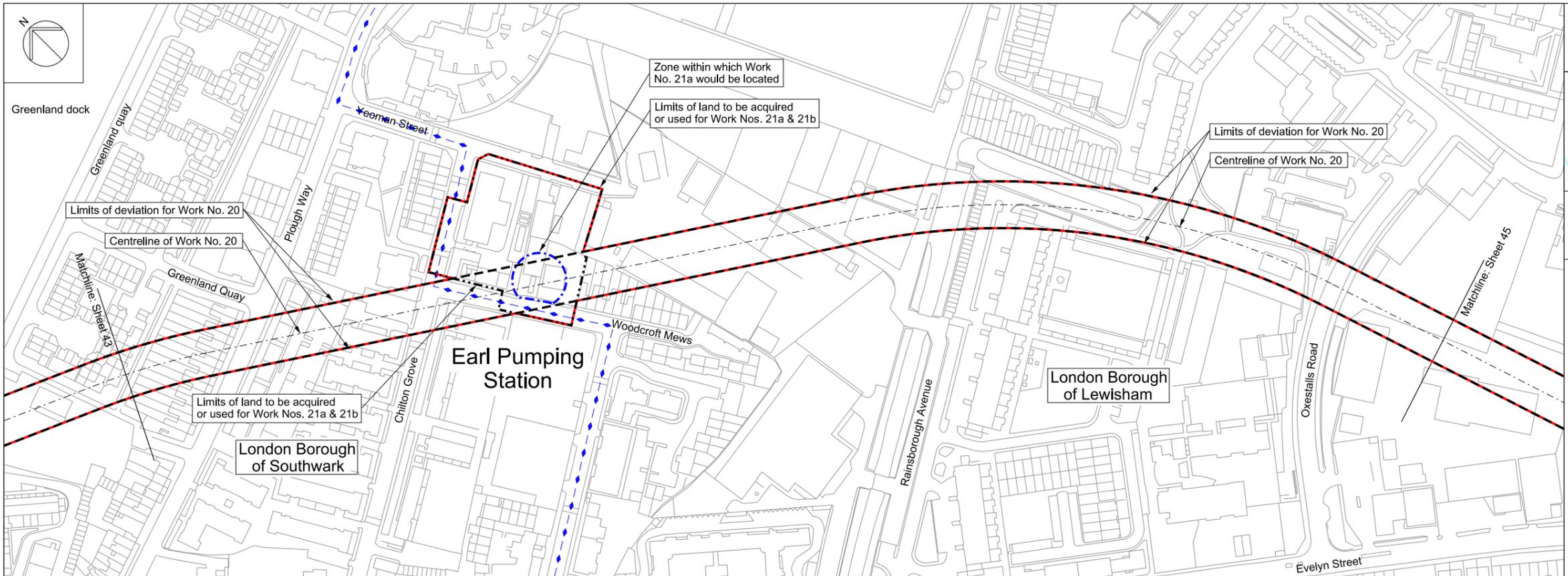


FOR APPROVAL

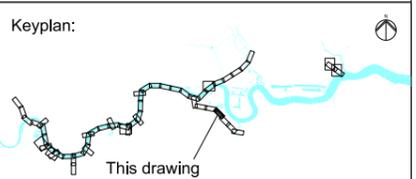
[Location](#)
Project wide
London

[Document Information](#)
Application for Development Consent
Works plan and section
Greenwich connection tunnel sheet 43
Book of plans - section 1
DCO-WP-000-ZZZZ-010044
January 2013





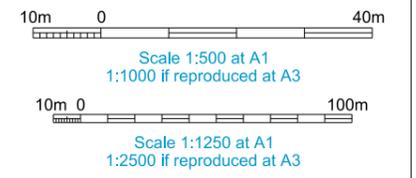
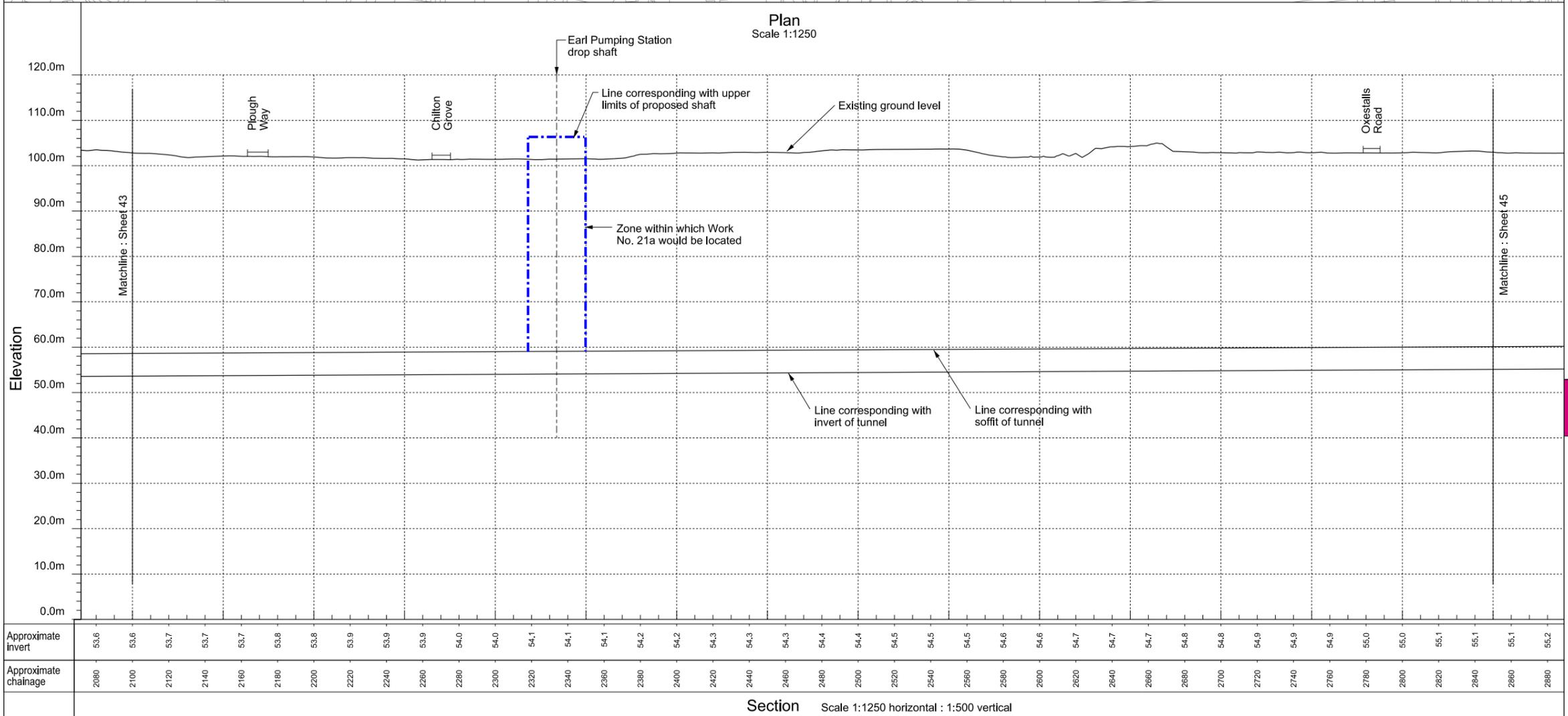
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- Key:**
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
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 3. This section is drawn along the centreline of Work No. 20.



FOR APPROVAL

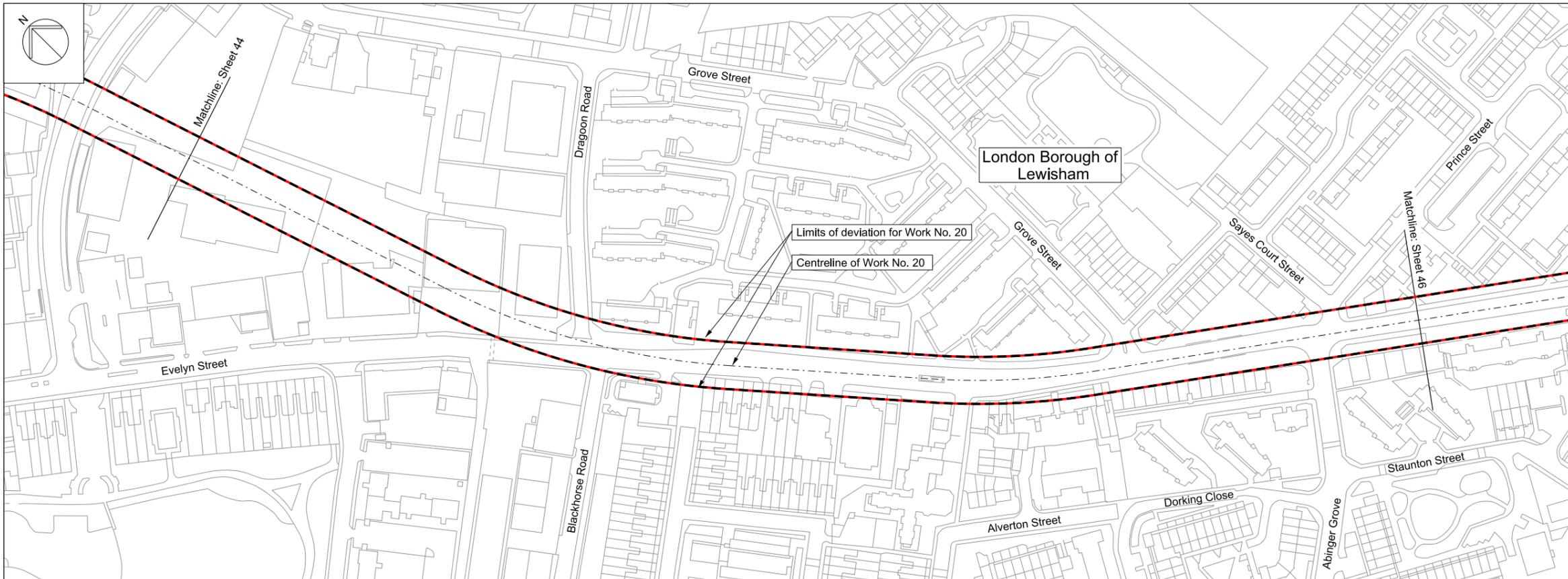
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Greenwich connection tunnel sheet 44
Book of plans - section 1
DCO-WP-000-ZZZZ-010045
January 2013

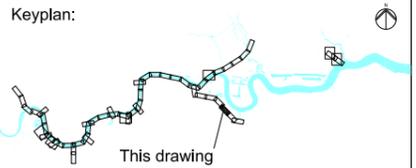


Approximate invert	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2
Approximate chainage	2080	2100	2120	2140	2160	2180	2200	2220	2240	2260	2280	2300	2320	2340	2360	2380	2400	2420	2440	2460	2480	2500	2520	2540	2560	2580	2600	2620	2640	2660	2680	2700	2720	2740	2760	2780	2800	2820	2840	2860	2880				

Section Scale 1:1250 horizontal : 1:500 vertical



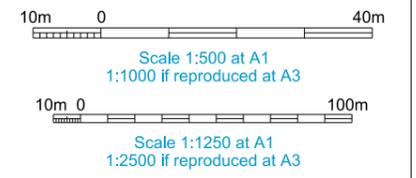
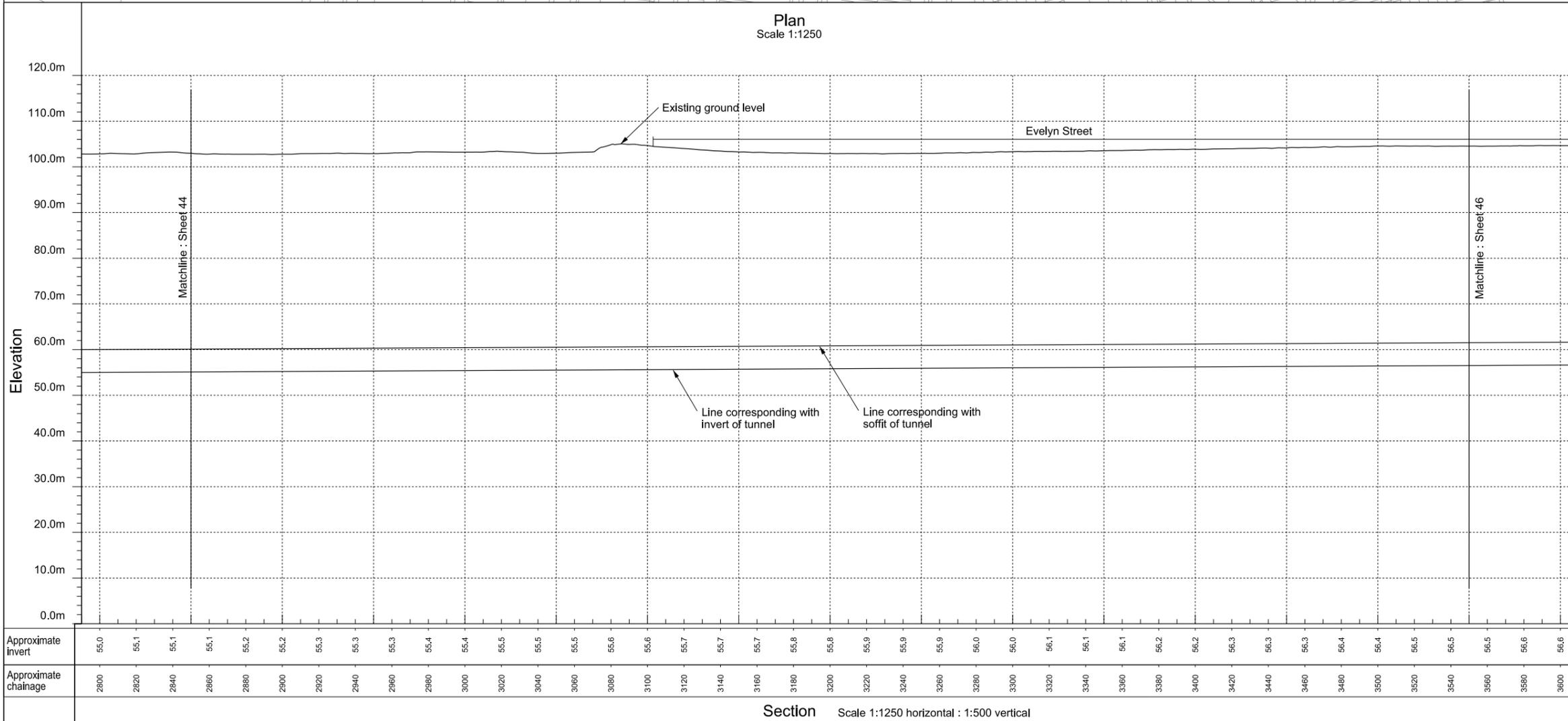
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
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 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

- Notes:**
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 3. This section is drawn along the centreline of Work No. 20.

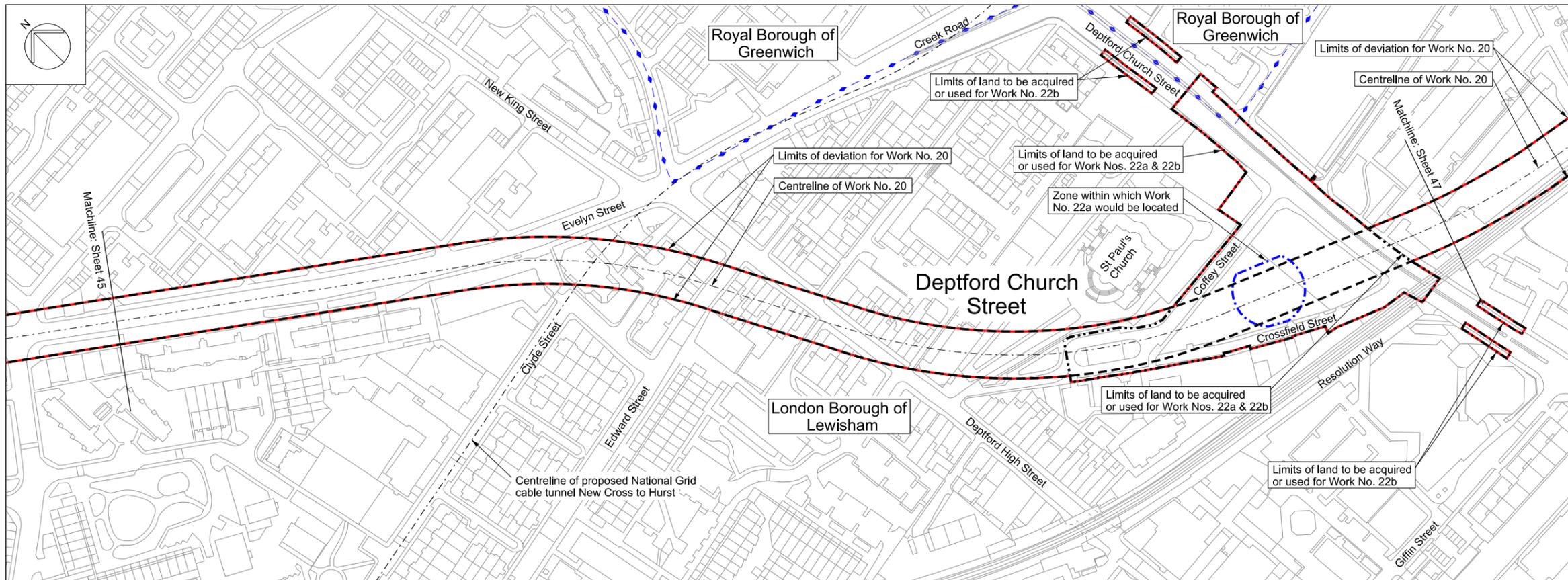


FOR APPROVAL

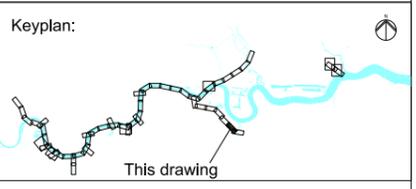
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Greenwich connection tunnel sheet 45
Book of plans - section 1
DCO-WP-000-ZZZZ-010046
January 2013





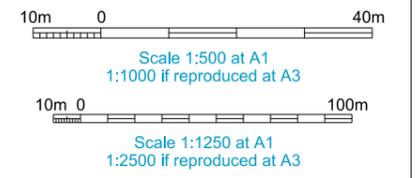
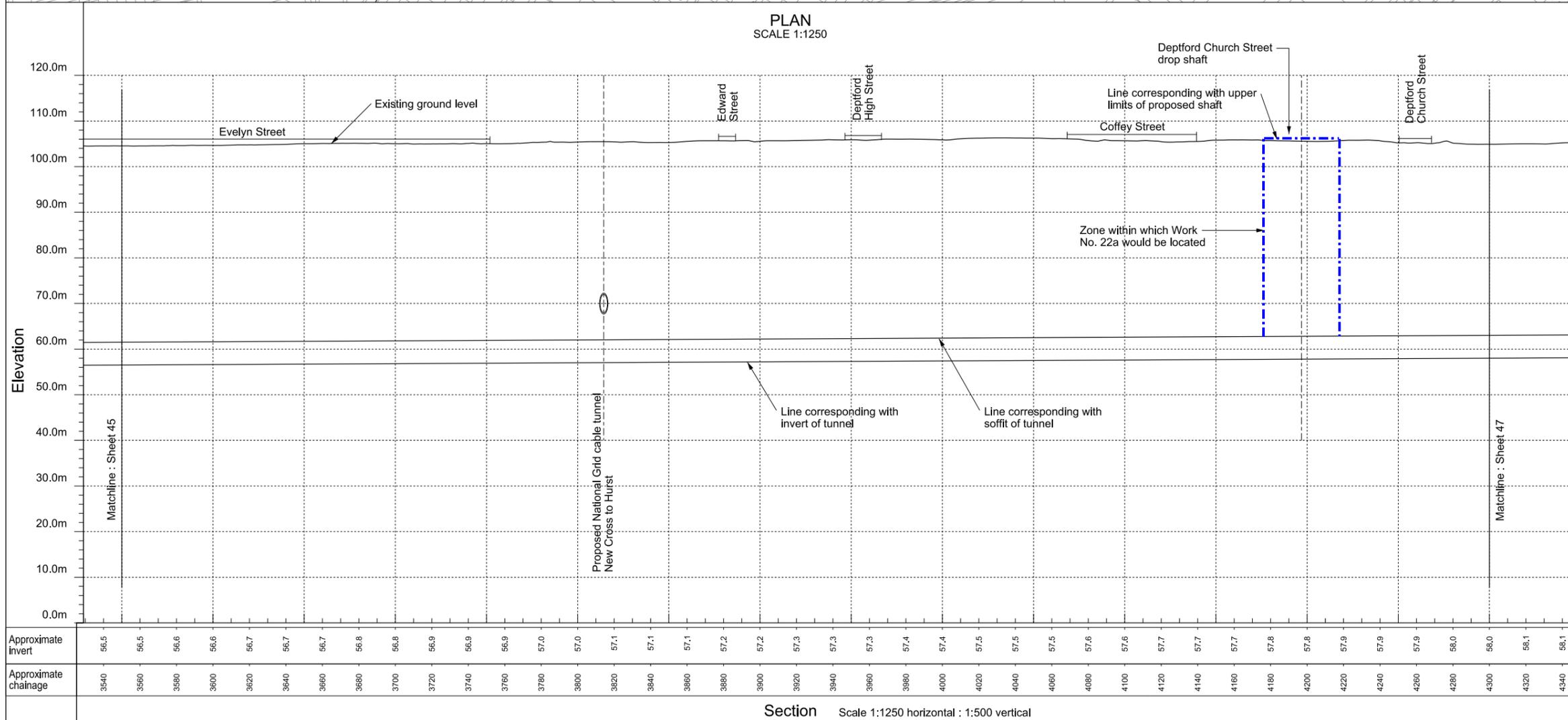
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- Key:**
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 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
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 3. This section is drawn along the centreline of Work No. 20.

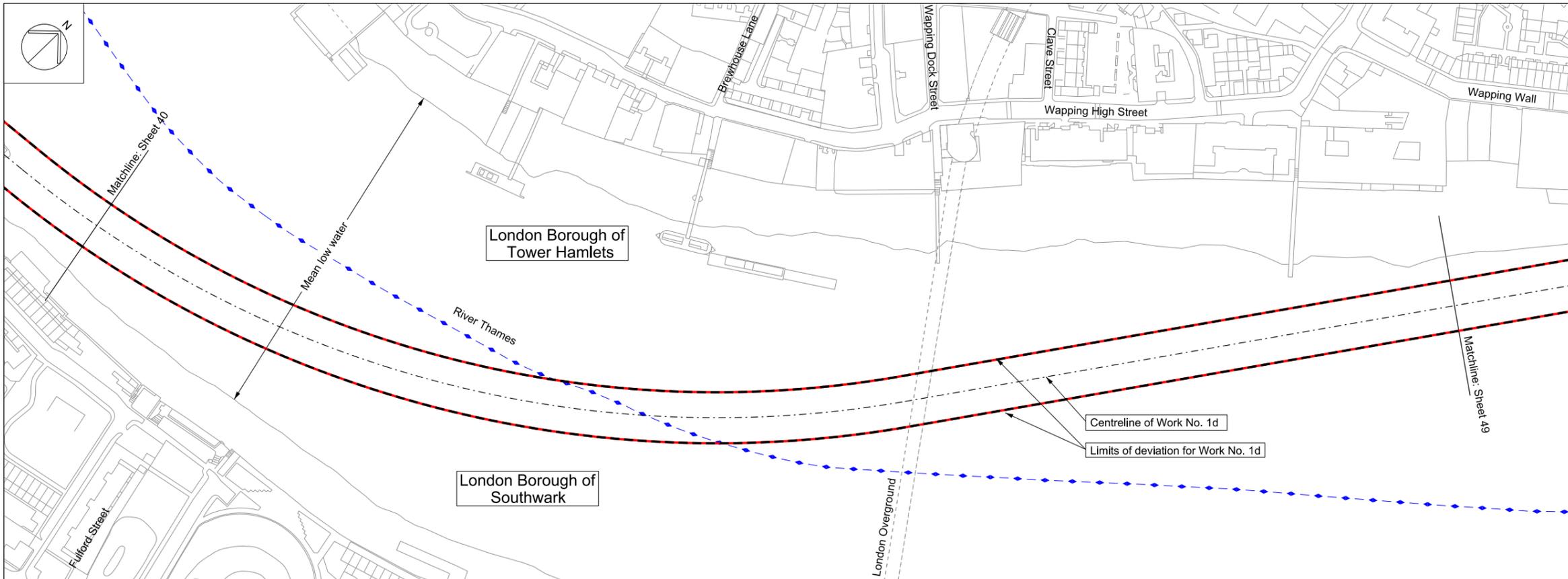


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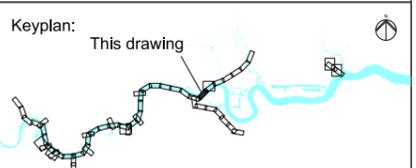
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Greenwich connection tunnel sheet 46
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010047
 January 2013





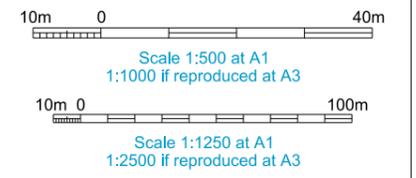
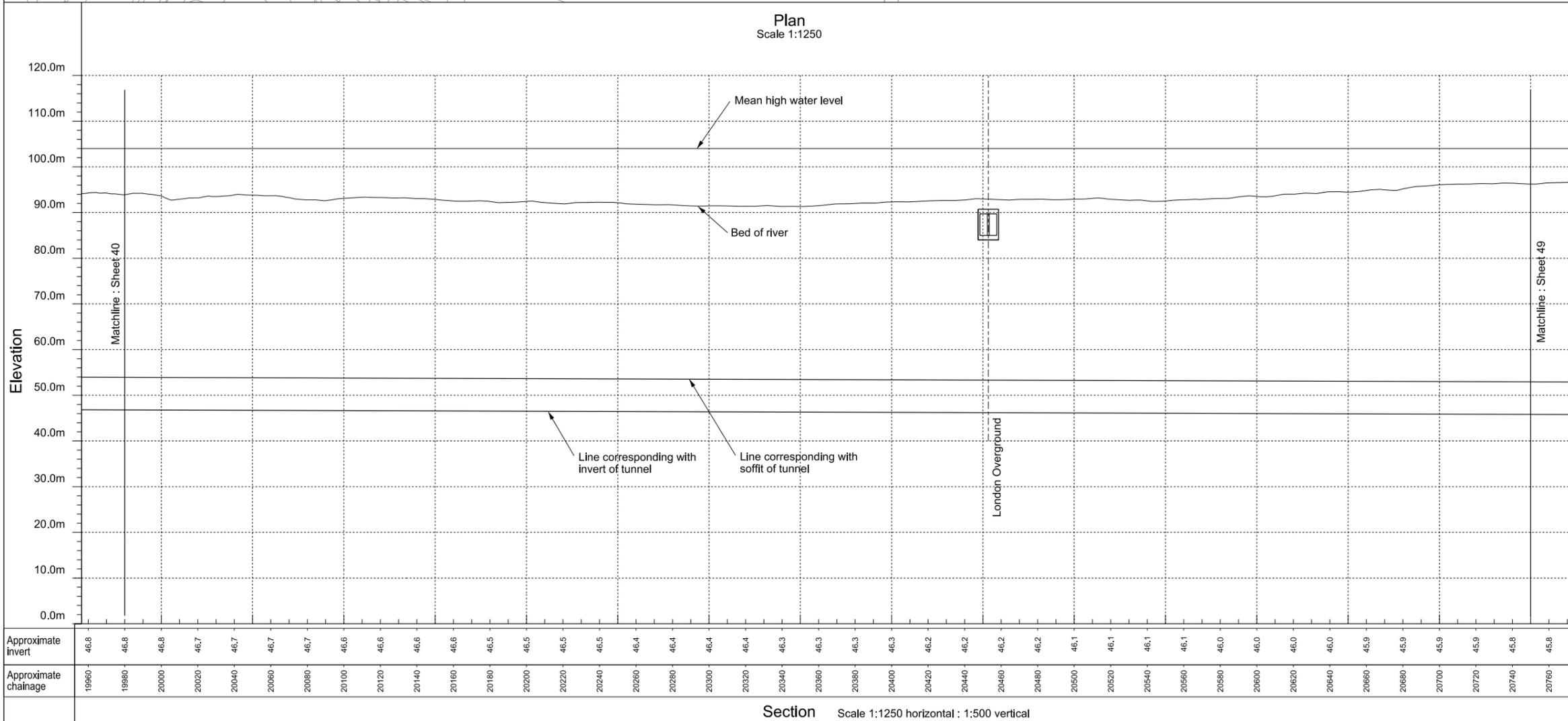
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

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 - Order limits
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 3. This section is drawn along the centreline of Work No. 1d.

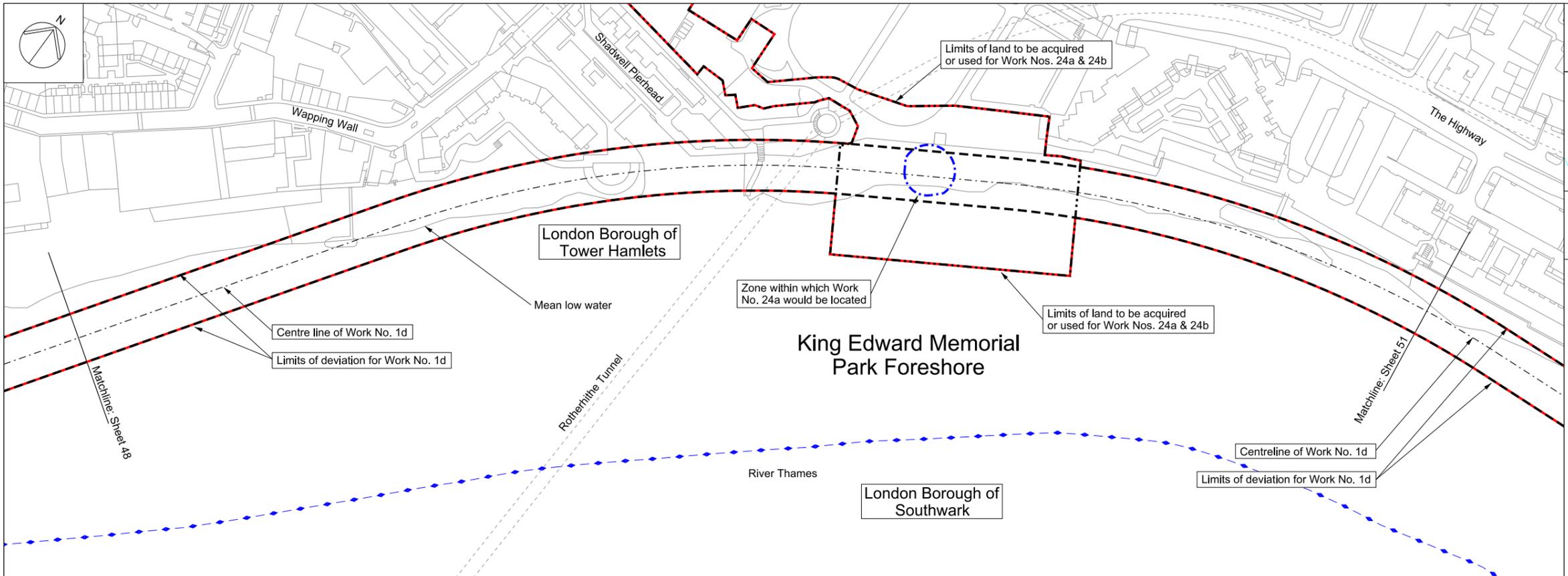


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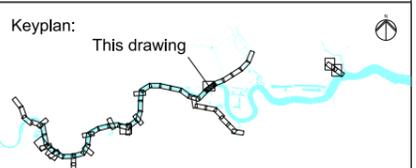
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 48
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010049
 January 2013





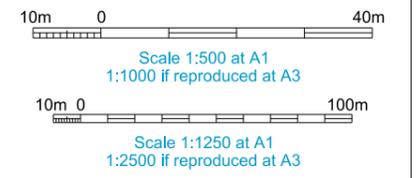
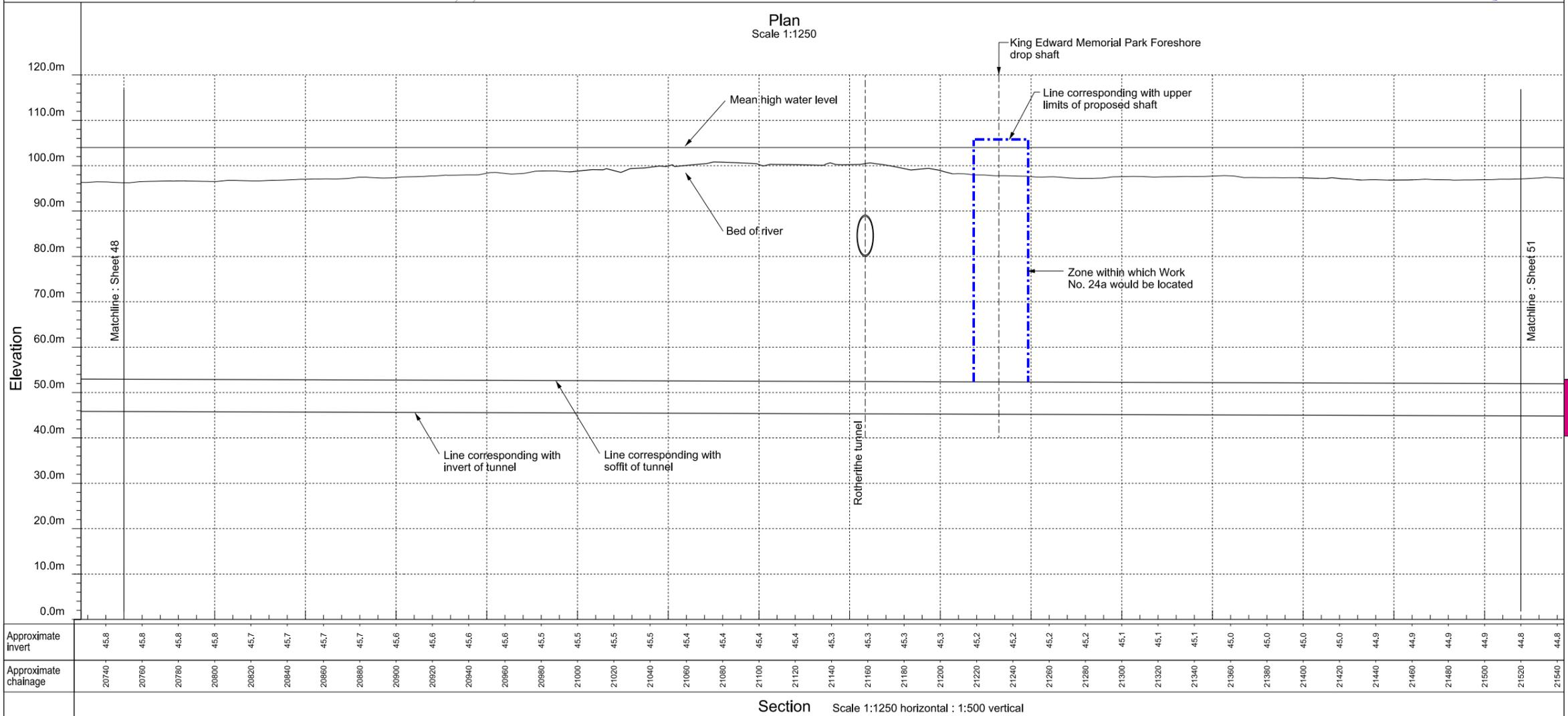
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- ◆— Local authority boundary
 - Order limits
 - - - - - Limits of land to be acquired or used (LLAU)
 - - - - - Tunnel limits of deviation (LOD)
 - - - - - Works centreline
 - - - - - Zone within which the shaft would be located

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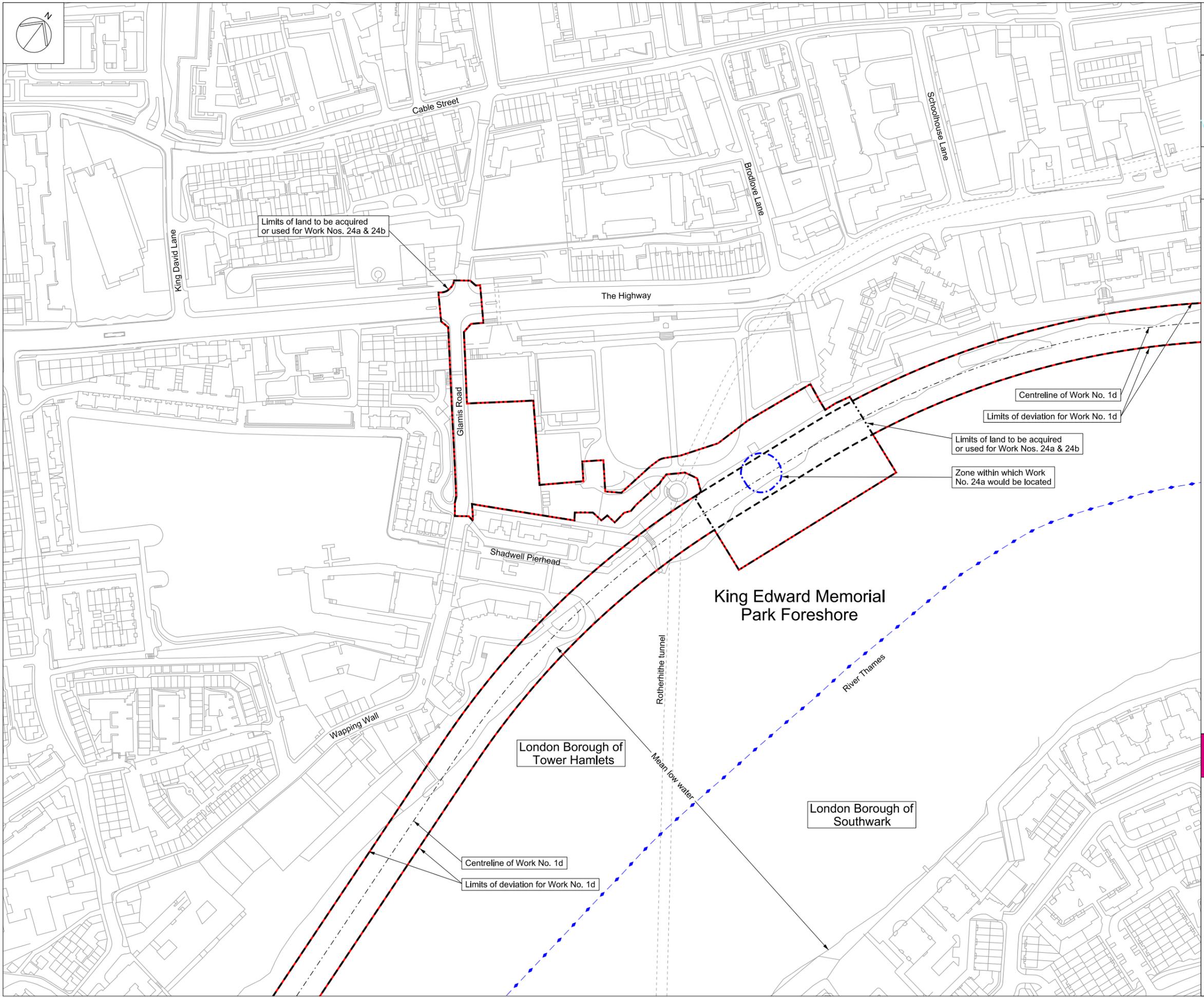


FOR APPROVAL

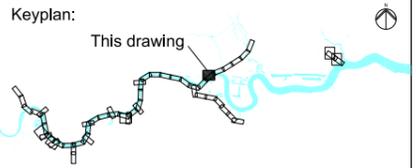
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 49
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010050
 January 2013



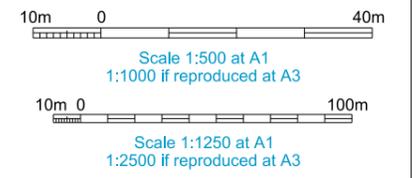


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- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

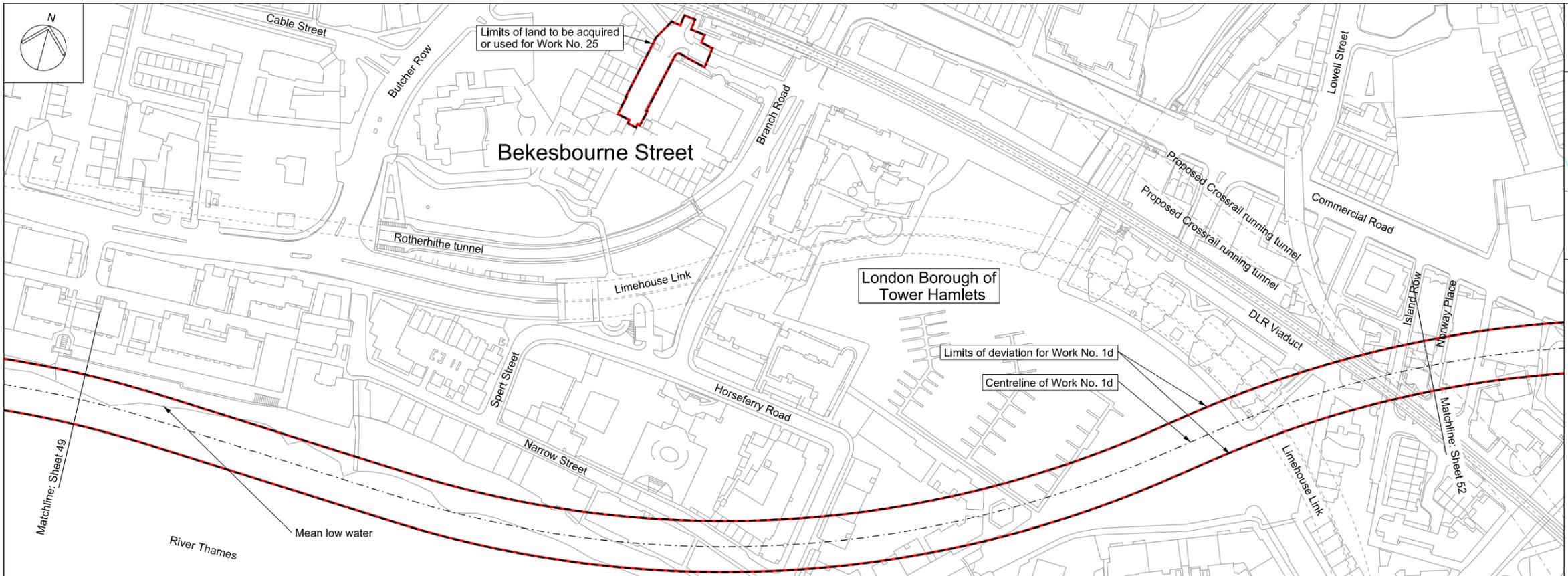


FOR APPROVAL

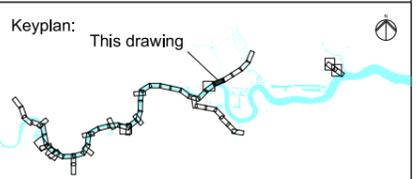
Location
Project wide
 London

Document Information
Application for Development Consent
 Works plan - King Edward Memorial Park Foreshore site sheet 50
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010051
 January 2013





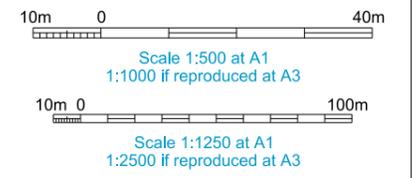
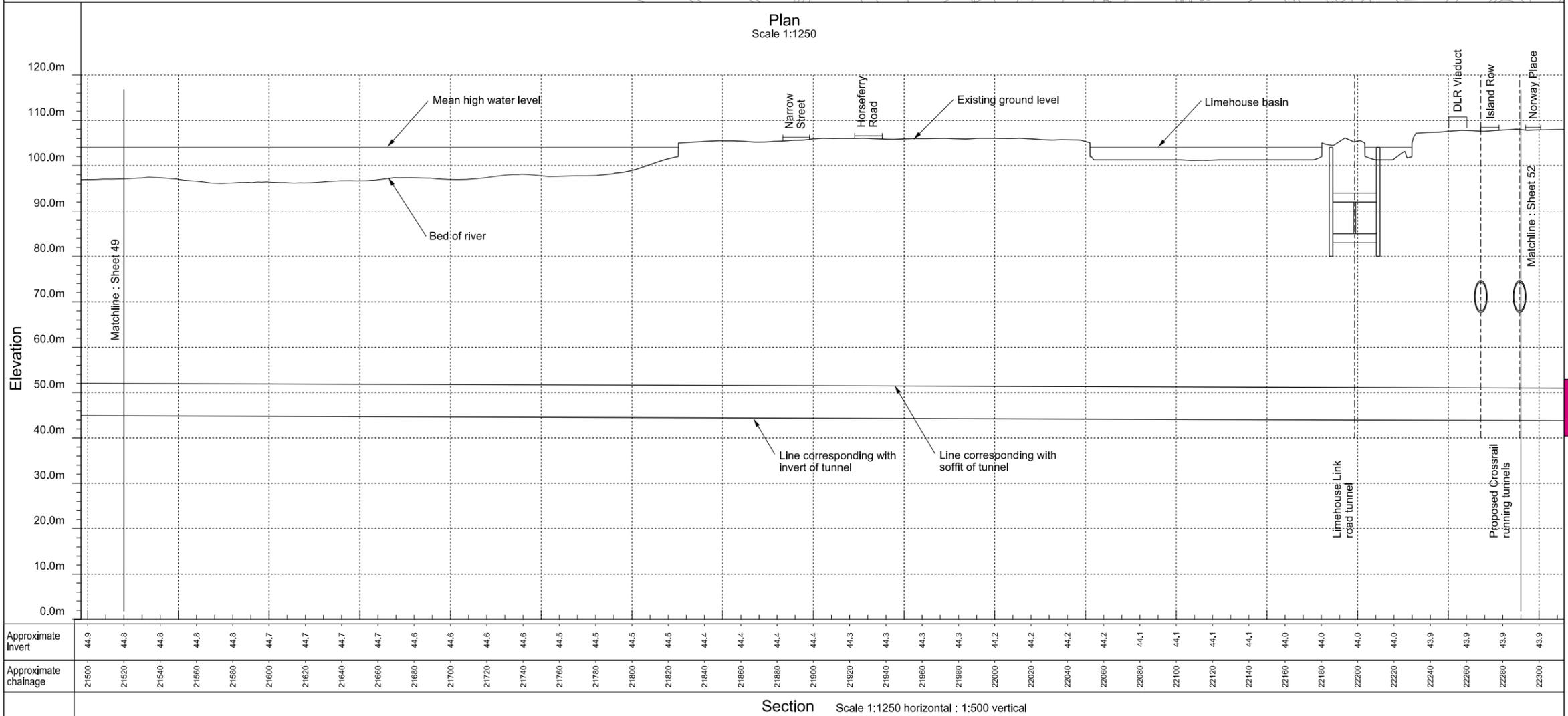
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FOR APPROVAL

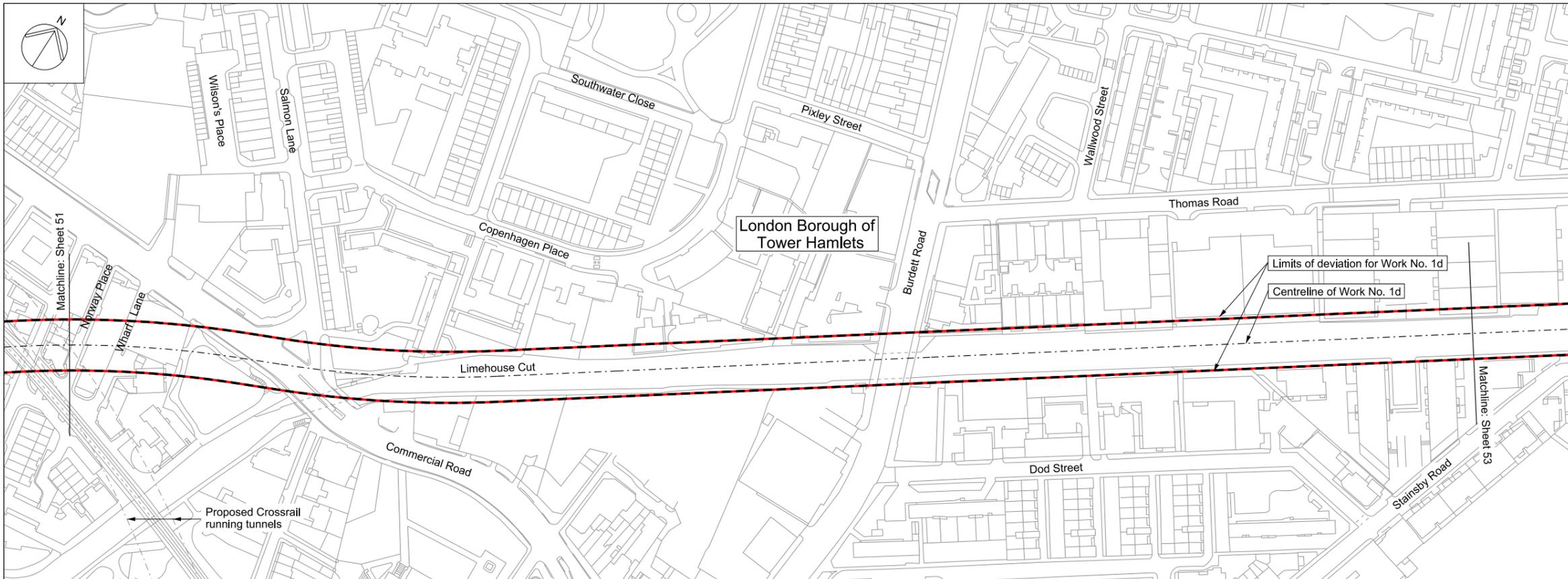
Location
Project wide
 London

Document Information
Application for Development Consent
 Works plan and section
 Main tunnel sheet 51
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010052
 January 2013

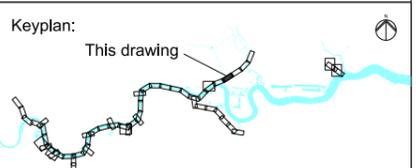


Approximate invert	Approximate chainage
44.9	21500
44.8	21520
44.8	21540
44.8	21560
44.8	21580
44.7	21600
44.7	21620
44.7	21640
44.7	21660
44.6	21680
44.6	21700
44.6	21720
44.6	21740
44.5	21760
44.5	21780
44.5	21800
44.5	21820
44.4	21840
44.4	21860
44.4	21880
44.4	21900
44.3	21920
44.3	21940
44.3	21960
44.3	21980
44.2	22000
44.2	22020
44.2	22040
44.2	22060
44.1	22080
44.1	22100
44.1	22120
44.1	22140
44.0	22160
44.0	22180
44.0	22200
44.0	22220
43.9	22240
43.9	22260
43.9	22280
43.9	22300

Section Scale 1:1250 horizontal : 1:500 vertical



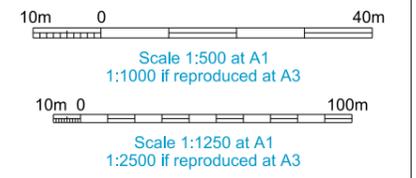
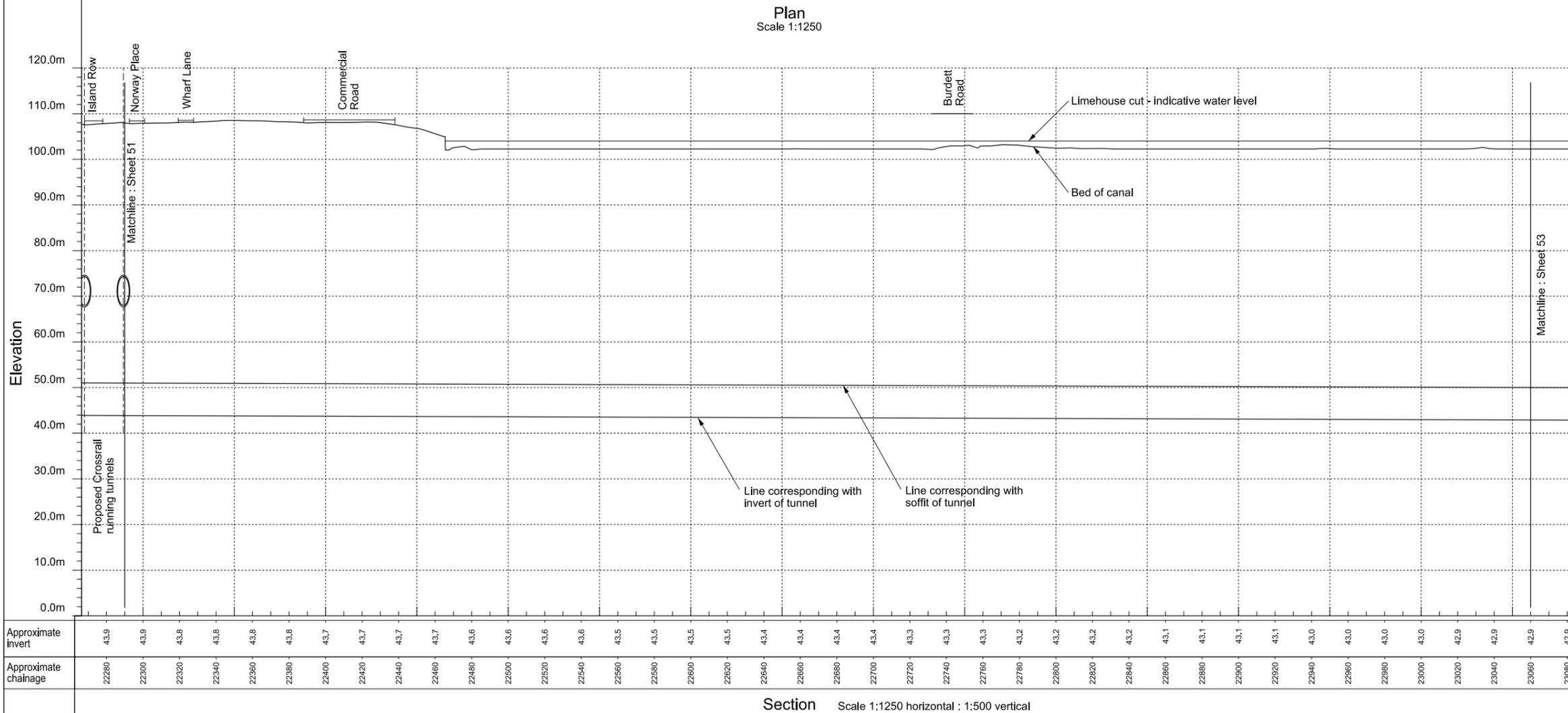
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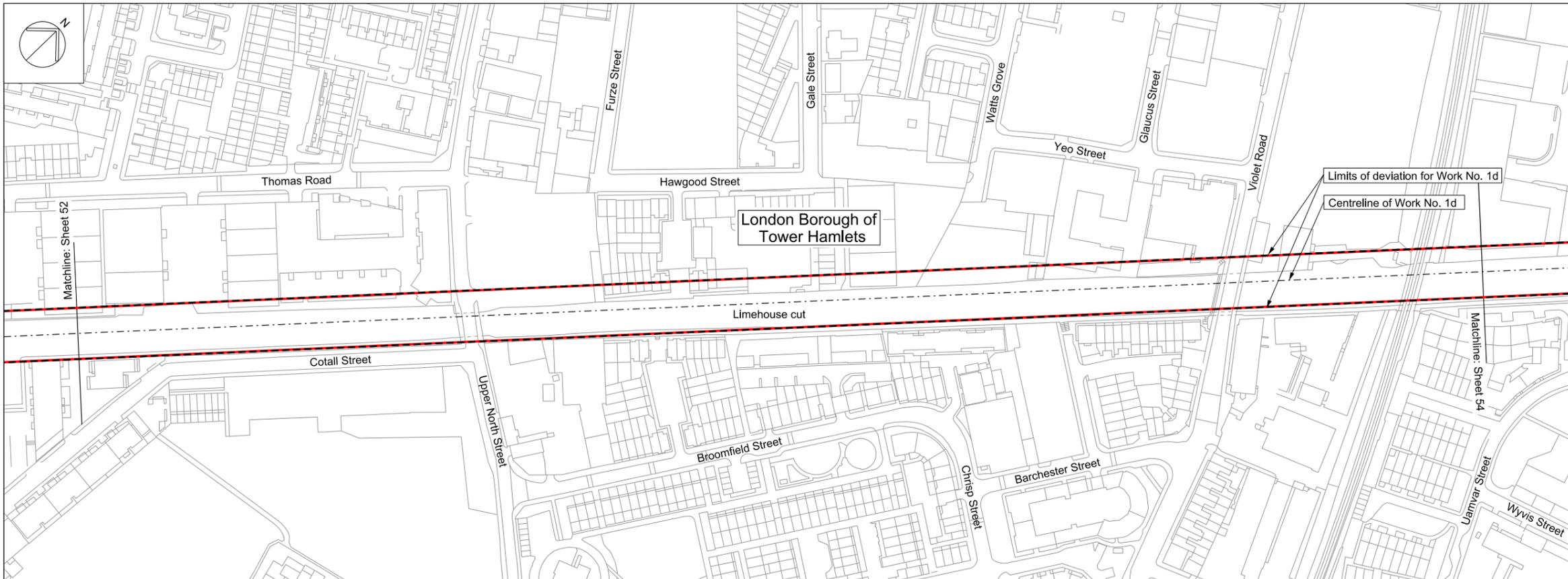


FOR APPROVAL

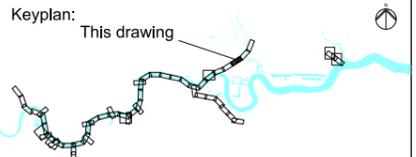
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 52
 Book of plans - section 1
 DCO-WP-000-ZZZZZ-010053
 January 2013





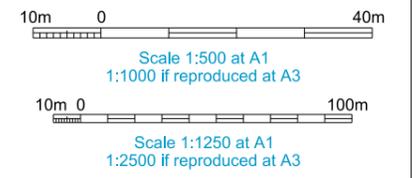
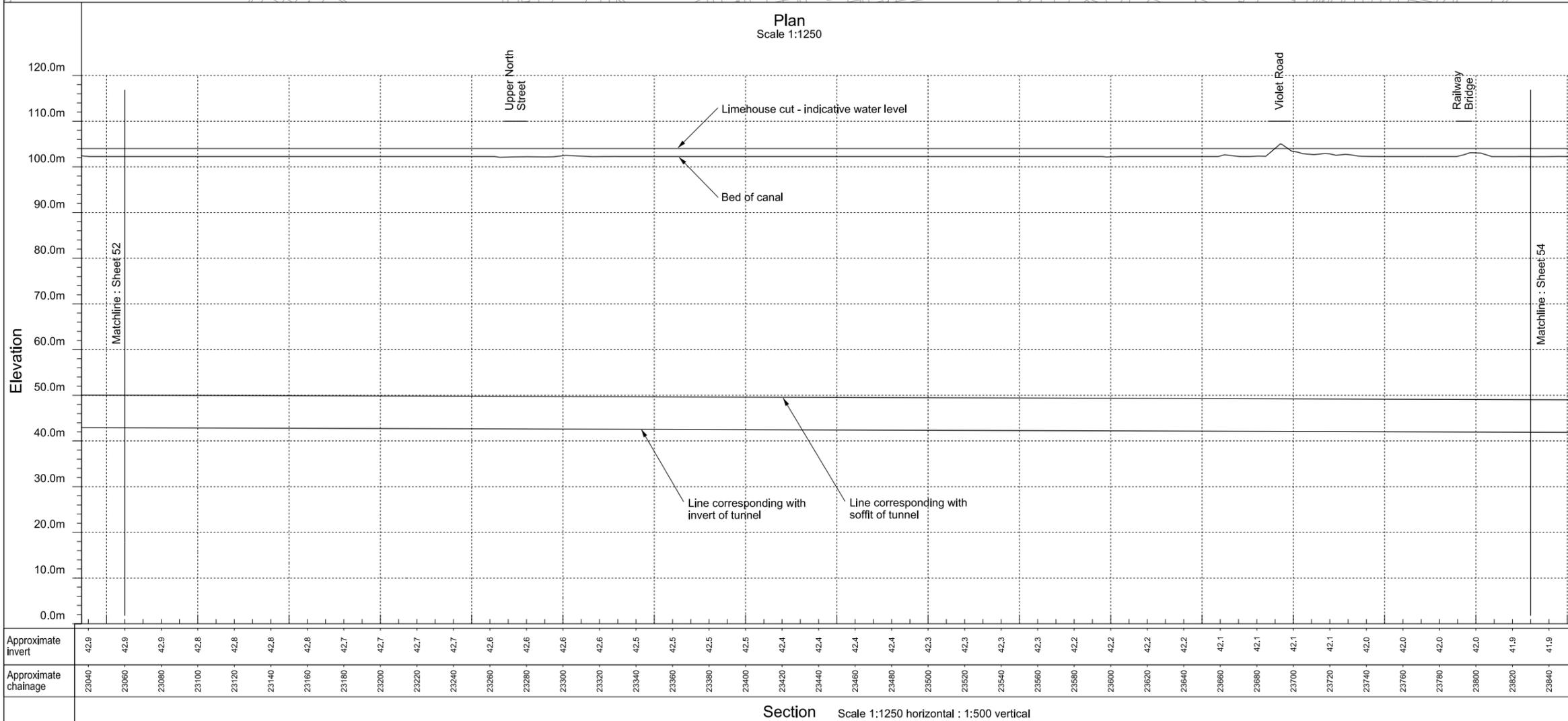
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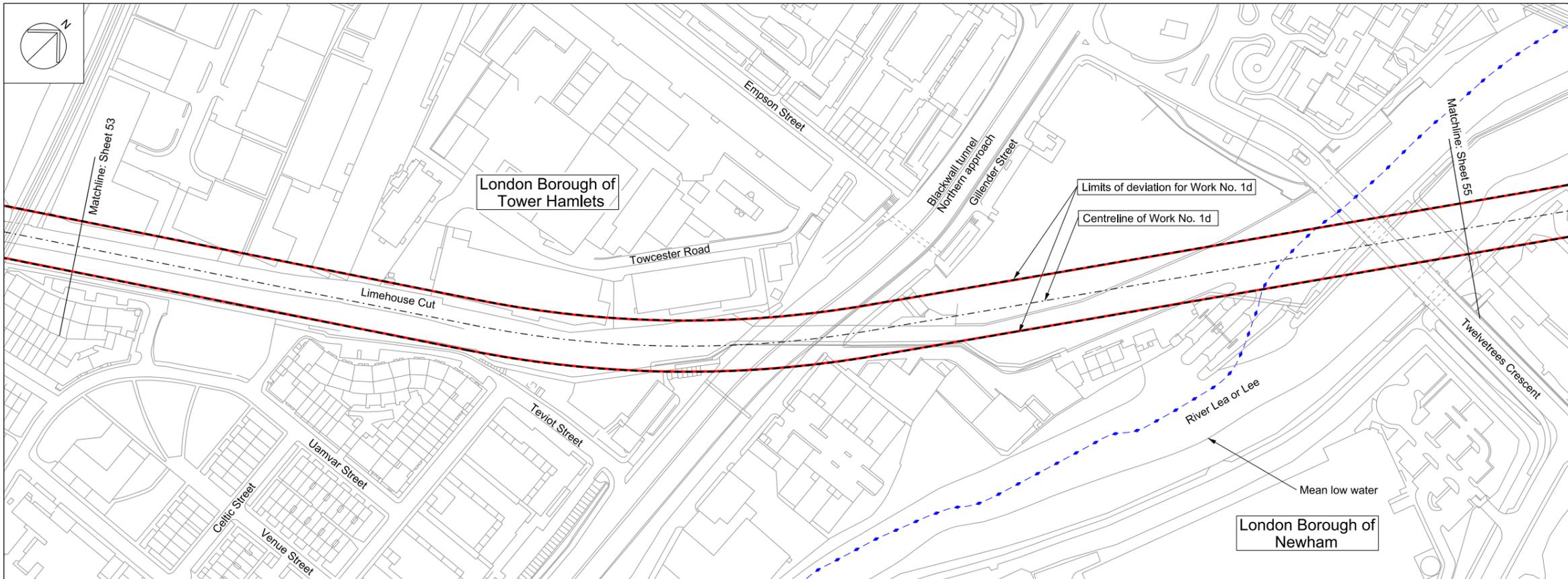
FOR APPROVAL

[Location](#)
Project wide
 London

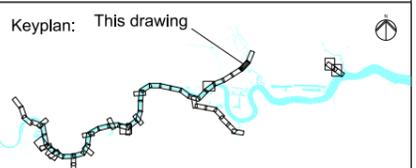
[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 53
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010054
 January 2013



Approximate invert	Approximate chainage
42.9	23040
42.9	23060
42.9	23080
42.8	23100
42.8	23120
42.8	23140
42.8	23160
42.7	23180
42.7	23200
42.7	23220
42.7	23240
42.6	23260
42.6	23280
42.6	23300
42.6	23320
42.5	23340
42.5	23360
42.5	23380
42.5	23400
42.4	23420
42.4	23440
42.4	23460
42.4	23480
42.3	23500
42.3	23520
42.3	23540
42.3	23560
42.2	23580
42.2	23600
42.2	23620
42.2	23640
42.1	23660
42.1	23680
42.1	23700
42.1	23720
42.0	23740
42.0	23760
42.0	23780
42.0	23800
41.9	23820
41.9	23840



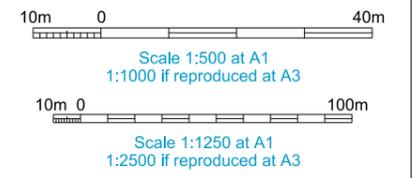
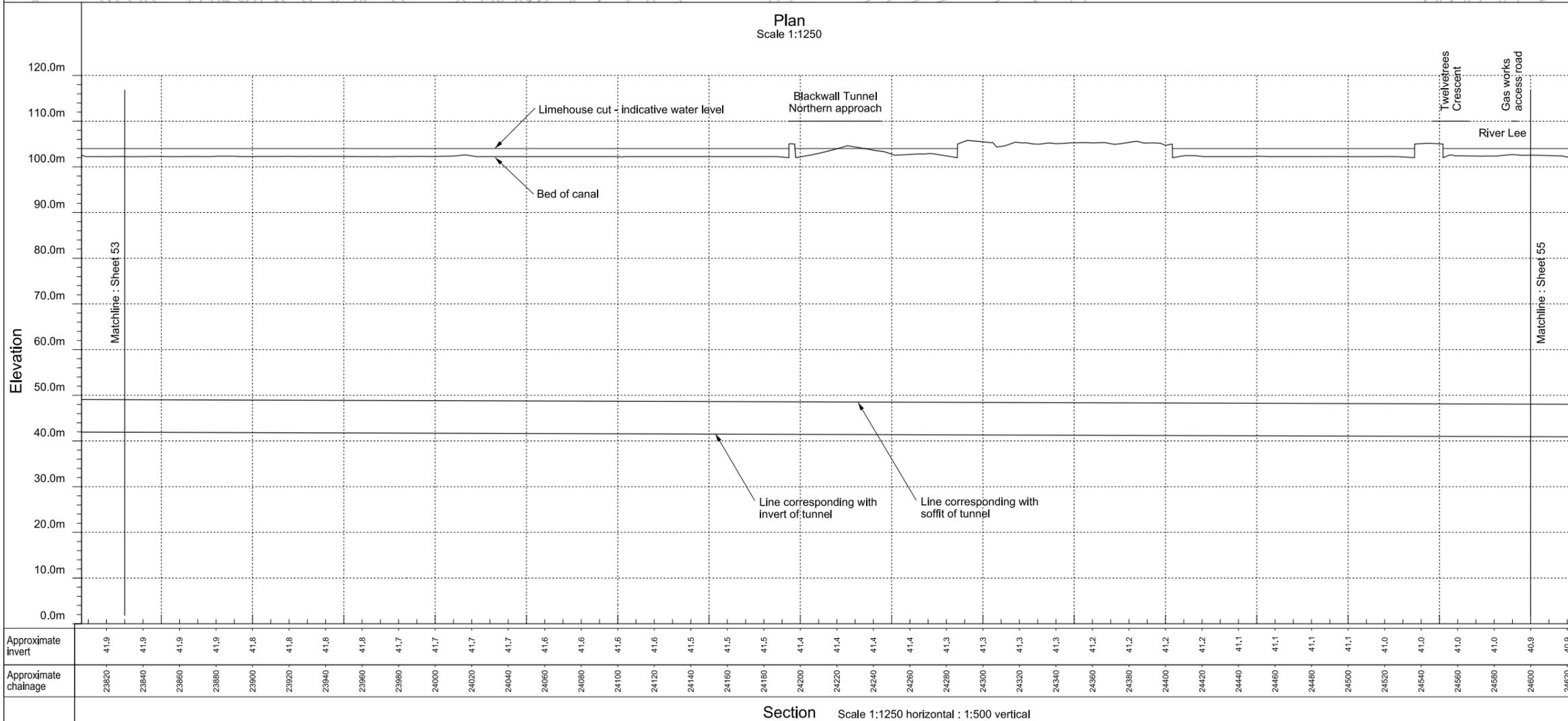
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
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 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline

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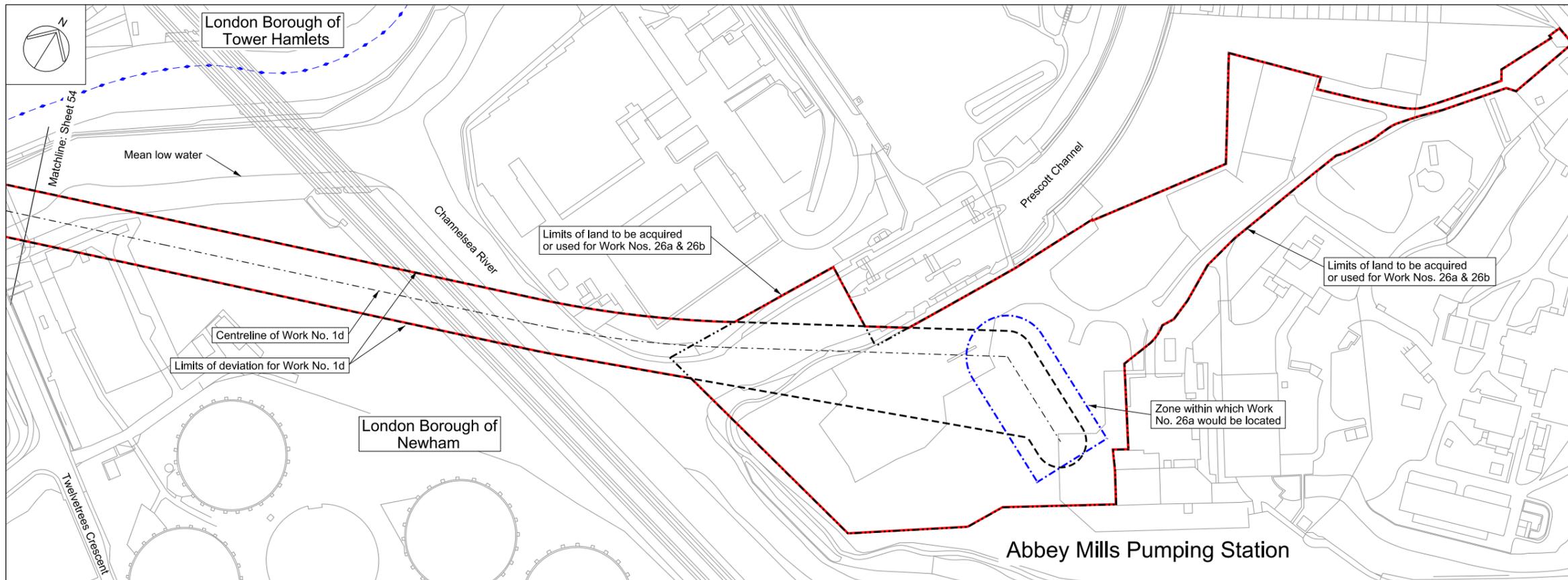


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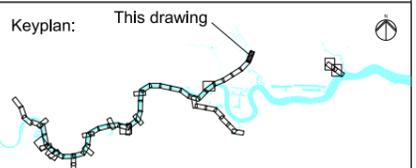
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Main tunnel sheet 54
Book of plans - section 1
DCO-WP-000-ZZZZ-010055
January 2013





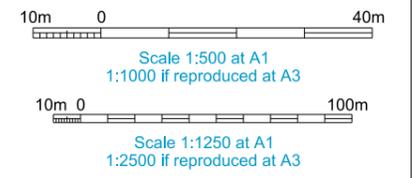
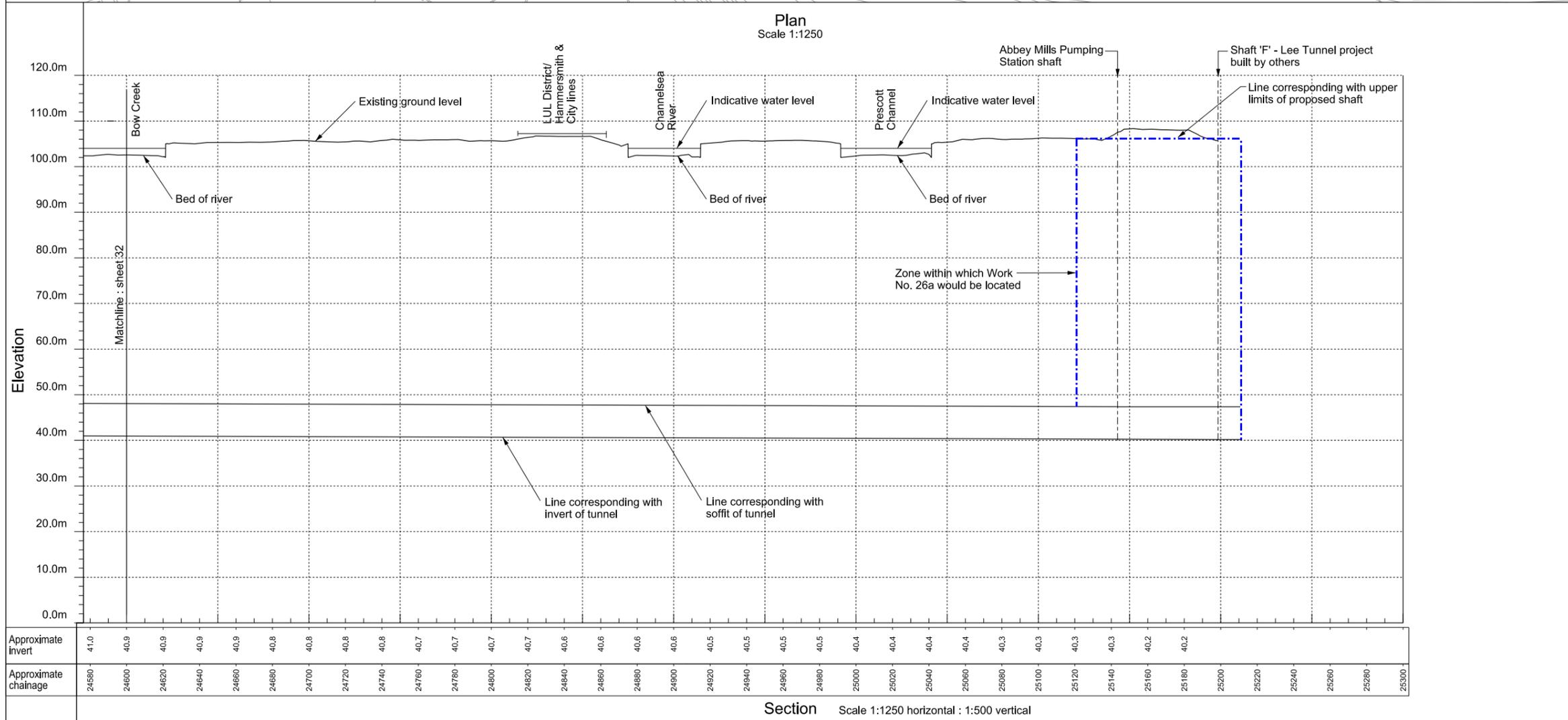
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- Key:**
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 - - - - - Tunnel limits of deviation (LOD)
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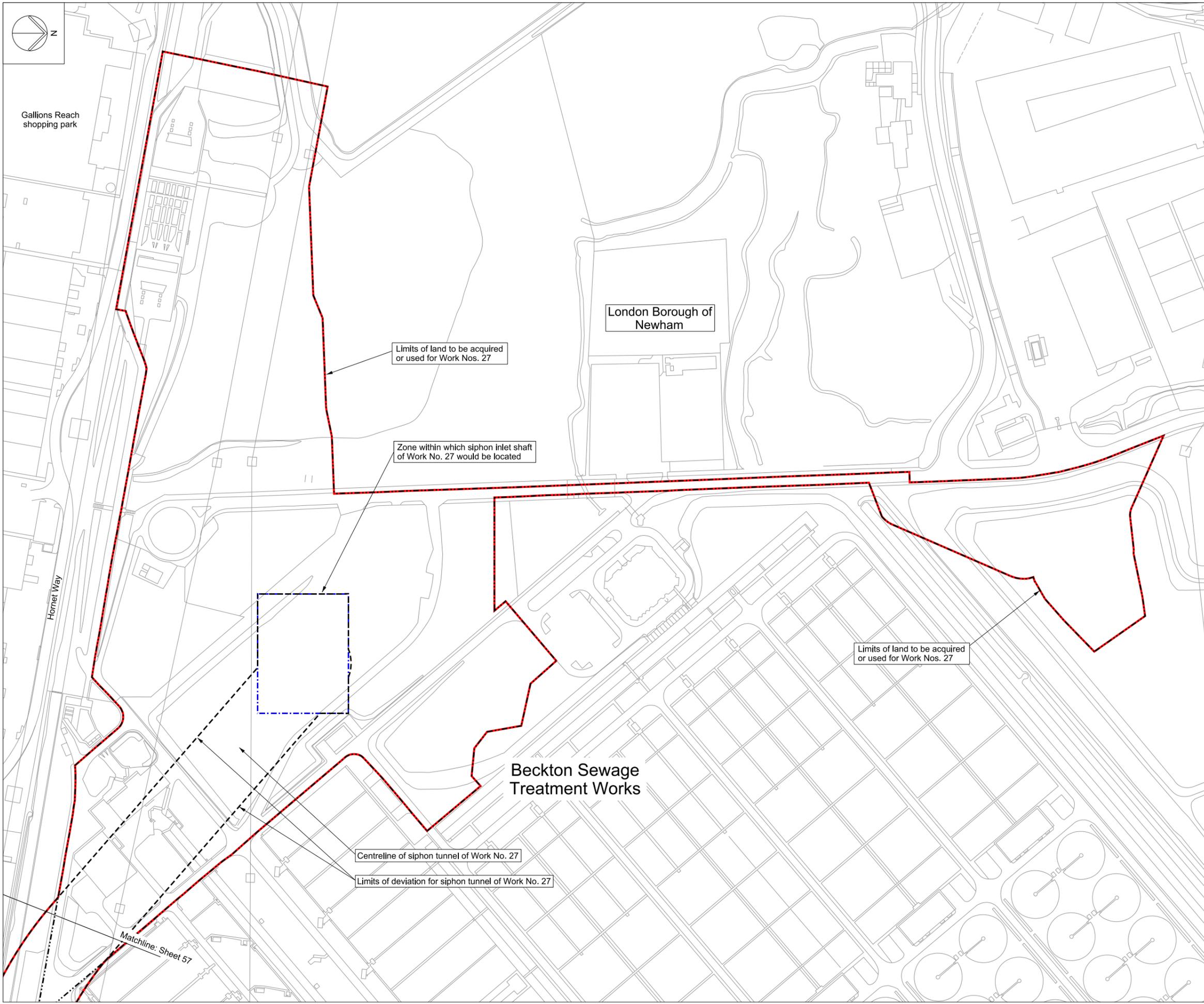


FOR APPROVAL

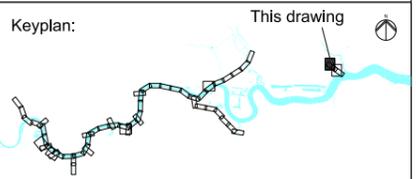
[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
 Works plan and section
 Main tunnel sheet 55
 Book of plans - section 1
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 January 2013



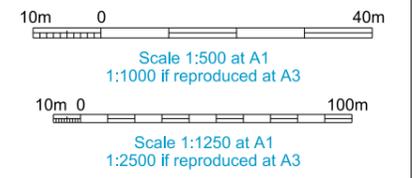


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 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

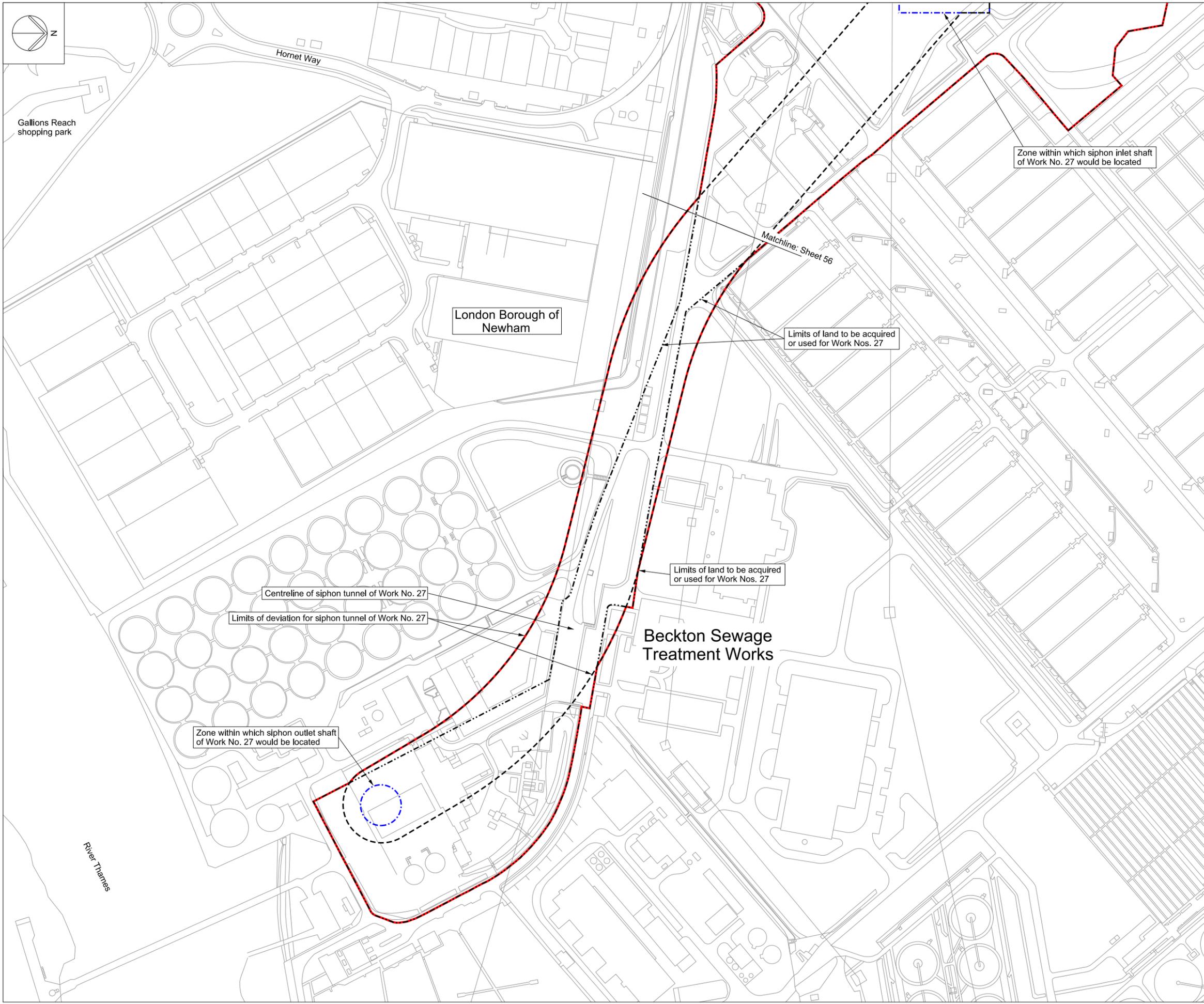


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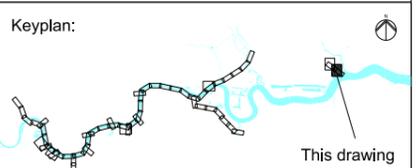
Location
Project wide
 London

Document Information
Application for Development Consent
 Works plan
 Beckton STW site sheet 56
 Book of plans - section 1
 DCO-WP-000-ZZZZ-010057
 January 2013



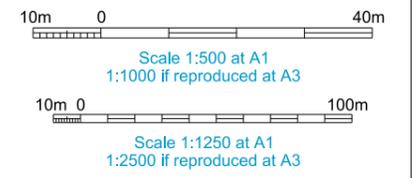


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- Key:
- Local authority boundary
 - Order limits
 - Limits of land to be acquired or used (LLAU)
 - Tunnel limits of deviation (LOD)
 - Works centreline
 - Zone within which the shaft would be located

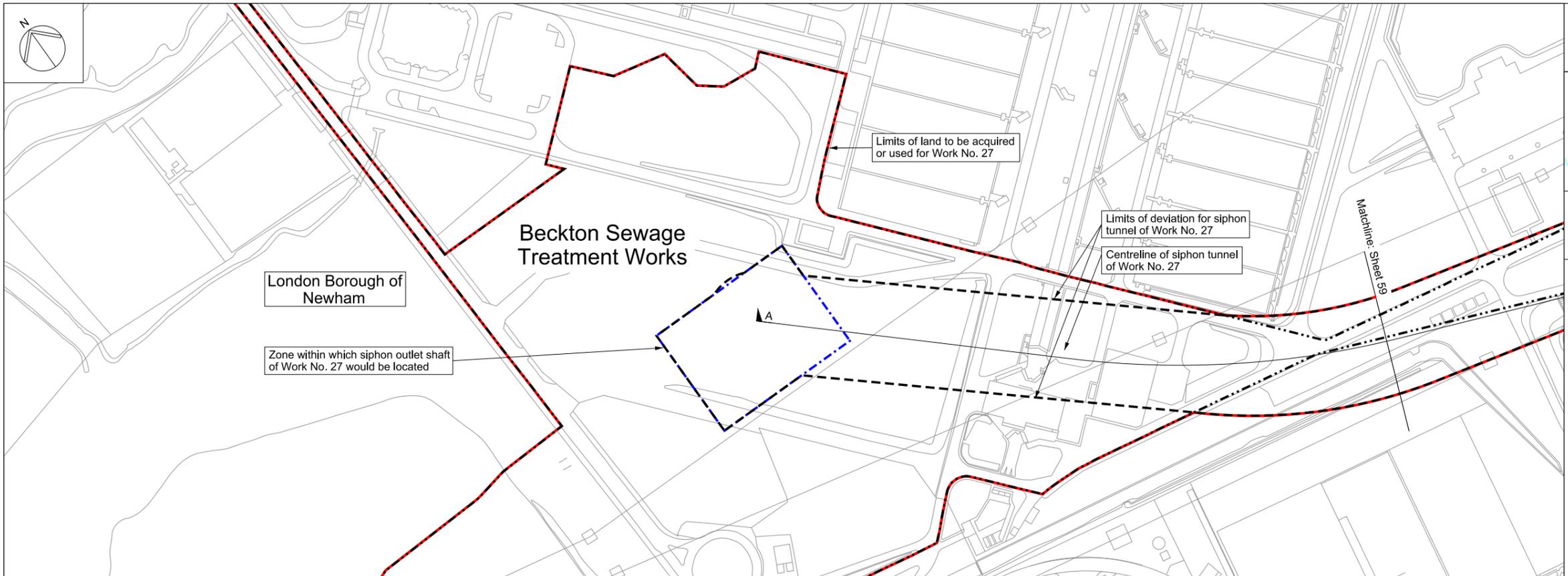


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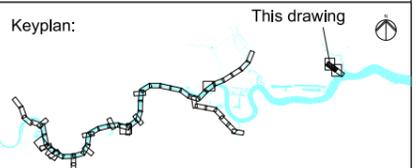
Location
Project wide
London

Document Information
Application for Development Consent
Works plan
Beckton STW site sheet 57
Book of plans - section 1
DCO-WP-000-ZZZZ-010058
January 2013





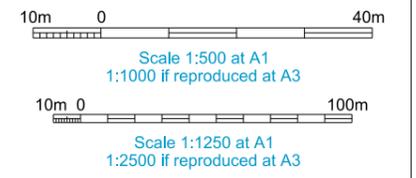
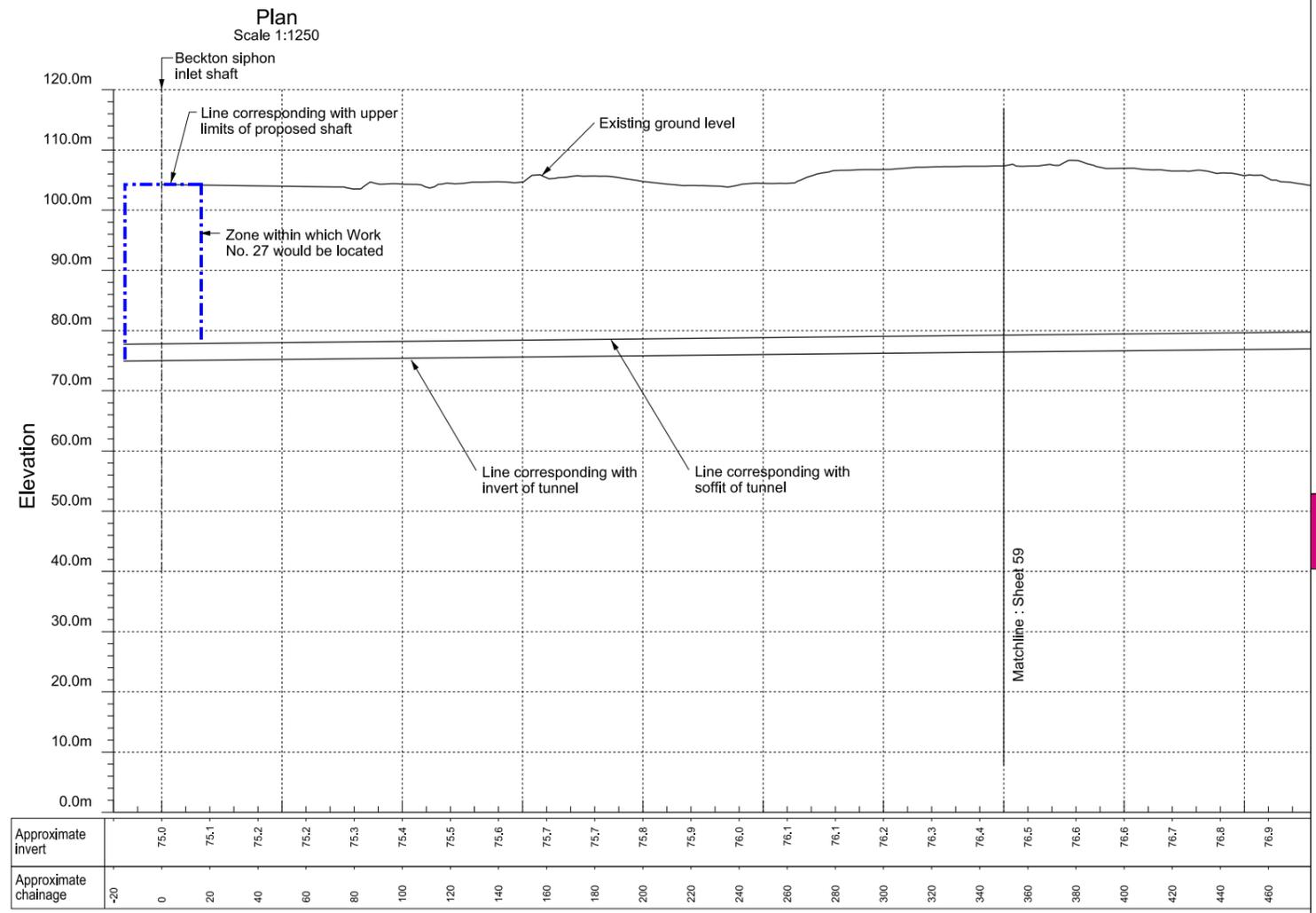
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 - - - - - Limits of land to be acquired or used (LLAU)
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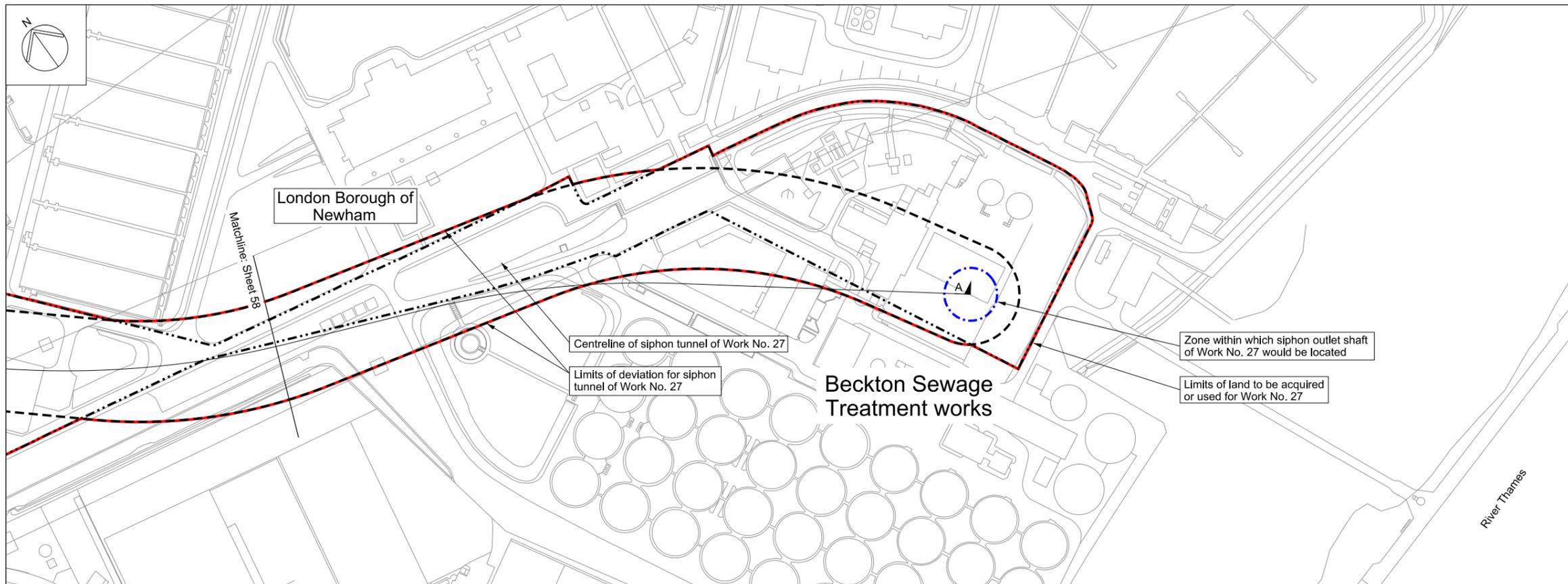


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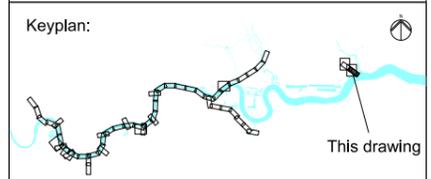
Location
Project wide
London

Document Information
Application for Development Consent
Works plan and section
Beckton tunnel sheet 58
Book of plans - section 1
DCO-WP-000-ZZZZ-010059
January 2013





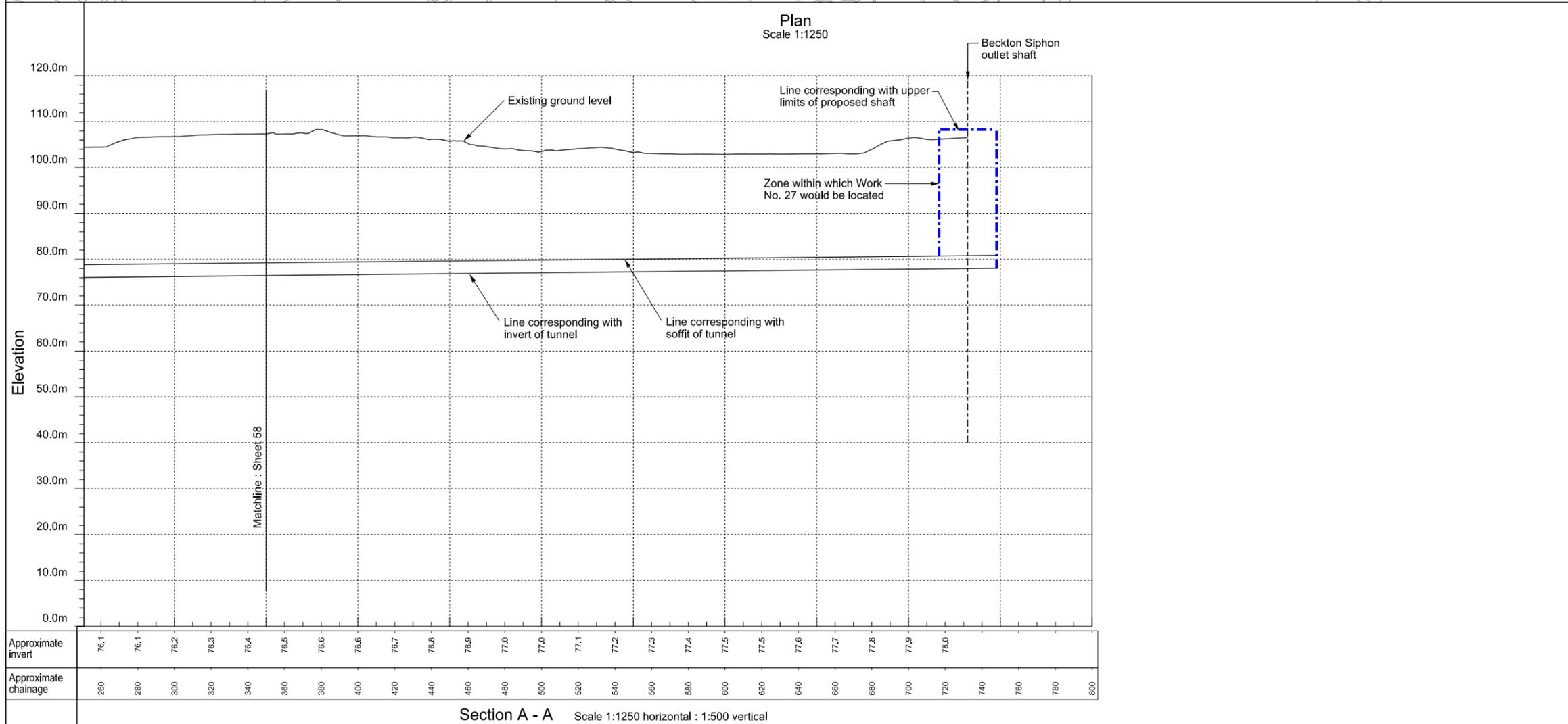
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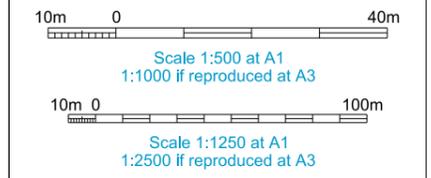
- Key:**
- Local authority boundary
 - Order limits
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Plan Scale 1:1250

Section A - A Scale 1:1250 horizontal : 1:500 vertical



FOR APPROVAL

[Location](#)
Project wide
 London

[Document Information](#)
Application for Development Consent
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 Book of plans - section 1
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 January 2013



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Thames Water Utilities Limited

Clearwater Court, Vastern Road, Reading RG1 8DB

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DCO-DT-000-ZZZZZ-020100

