

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Book of Plans

Doc Ref: **2.14**

Chelsea Embankment Foreshore

APFP Regulations 2009: Regulation **5(2)(k), (o)**

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January 2013

Thames
Tideway Tunnel 
Creating a cleaner, healthier River Thames

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Application for Development Consent: Book of Plans

List of Volumes

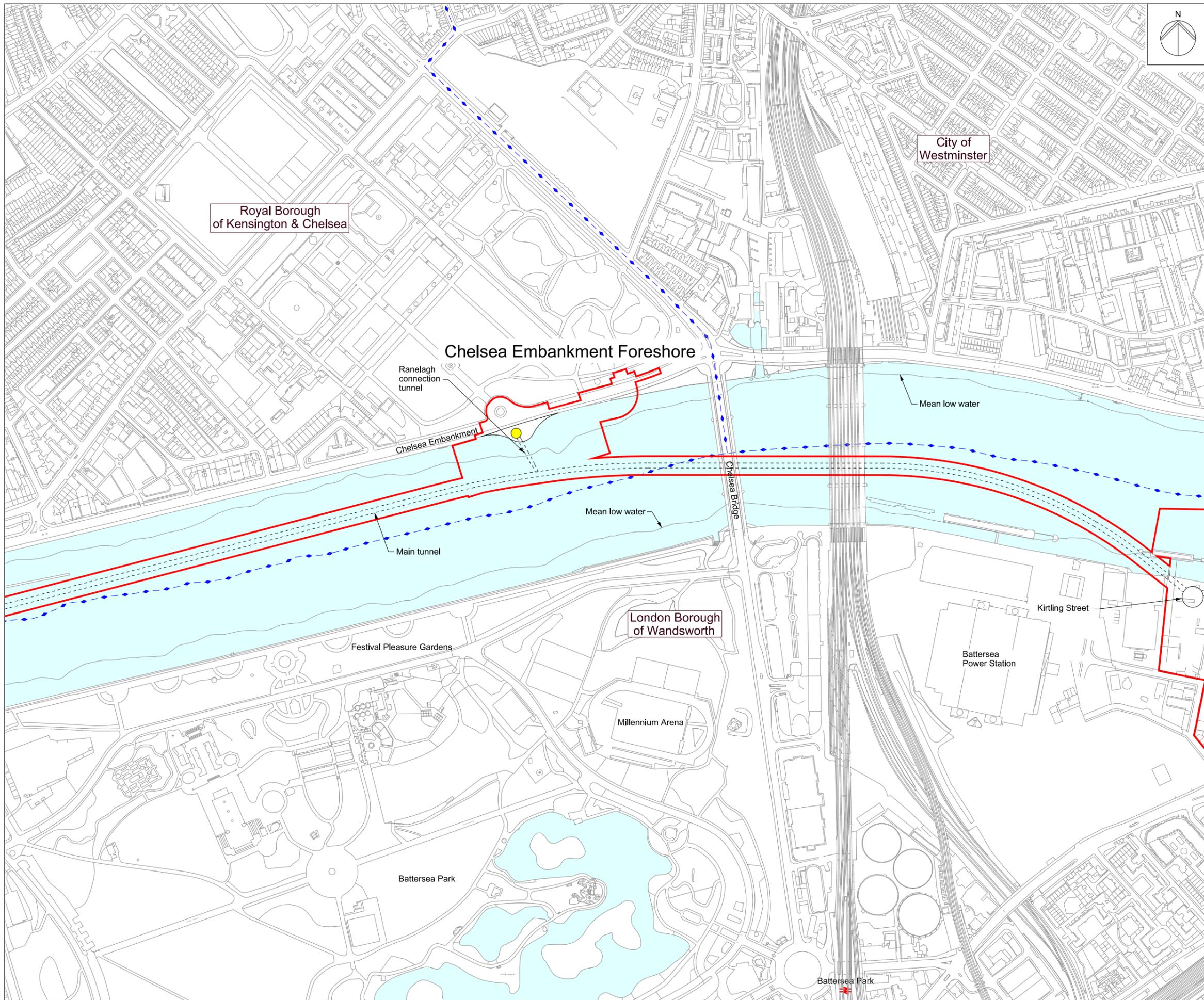
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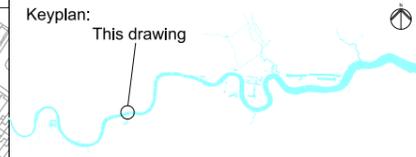
Volume 3

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Highway layout during construction - Bull ring resurfacing*		DCO-PP-12X-CHEEF-140030
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* Schedules of associated highway works are located in the *Transport Assessment*



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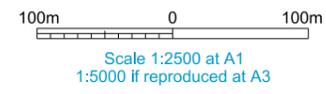


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Local authority boundary
 - Order limits
 - Tunnel
 - Shaft

Notes:

- The alignment of the tunnels are illustrative within limits of deviation.



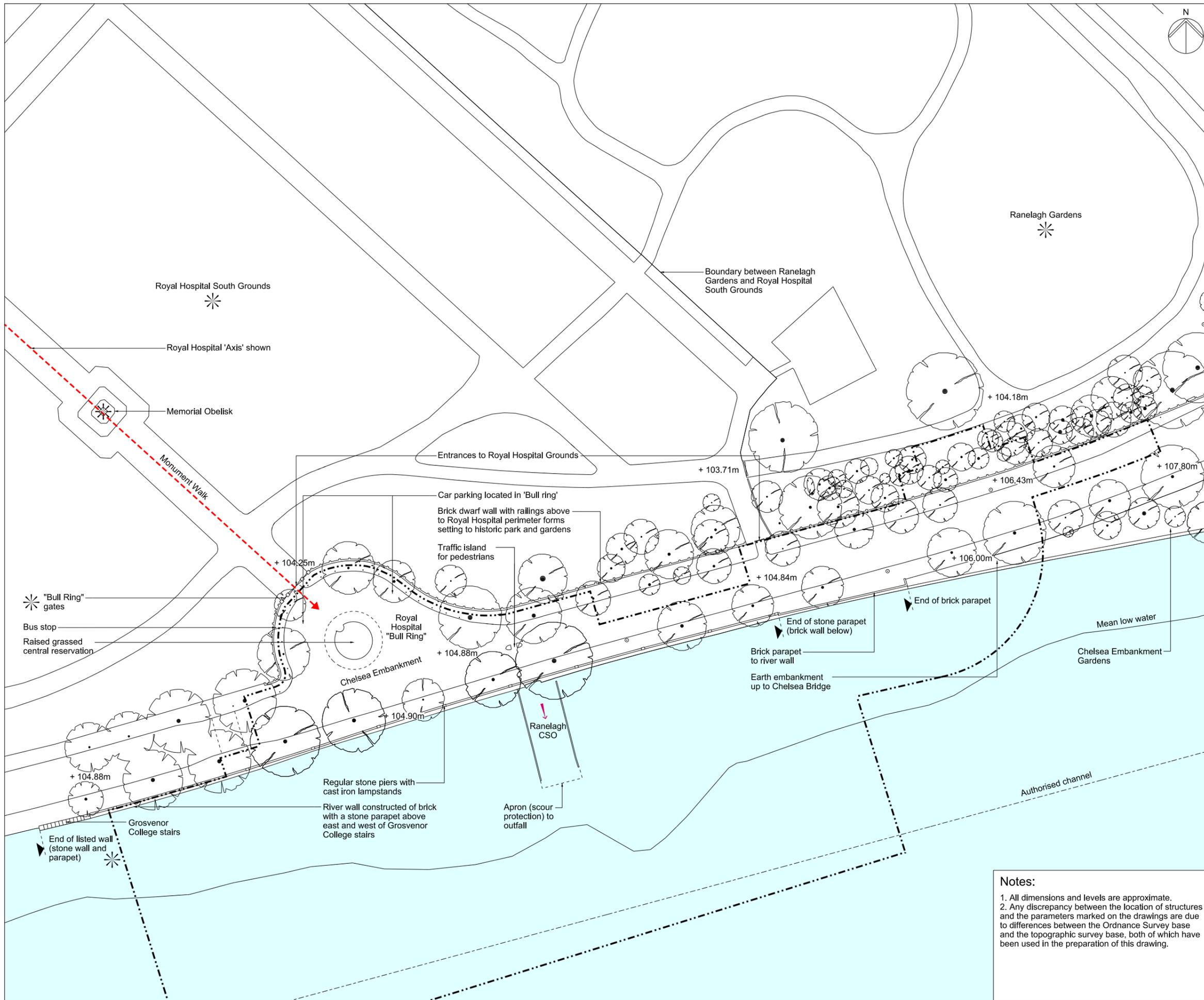
FOR INFORMATION

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Location plan

Book of plans - section 14
DCO-PP-12X-CHEEF-140001
January 2013



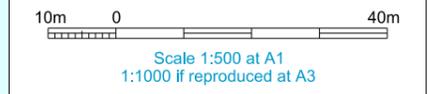


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Keyplan:
This drawing

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:**
- Limits of land to be acquired or used (LLAU)
 - - - - - Authorised channel
 - + 105.40m Existing levels (shown in metres above tunnel datum)
 - * Listed buildings/structures
 - Approximate position of CSO outlet
 - ⊙ Existing trees within surveyed area (trunk sizes vary)



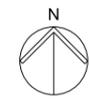
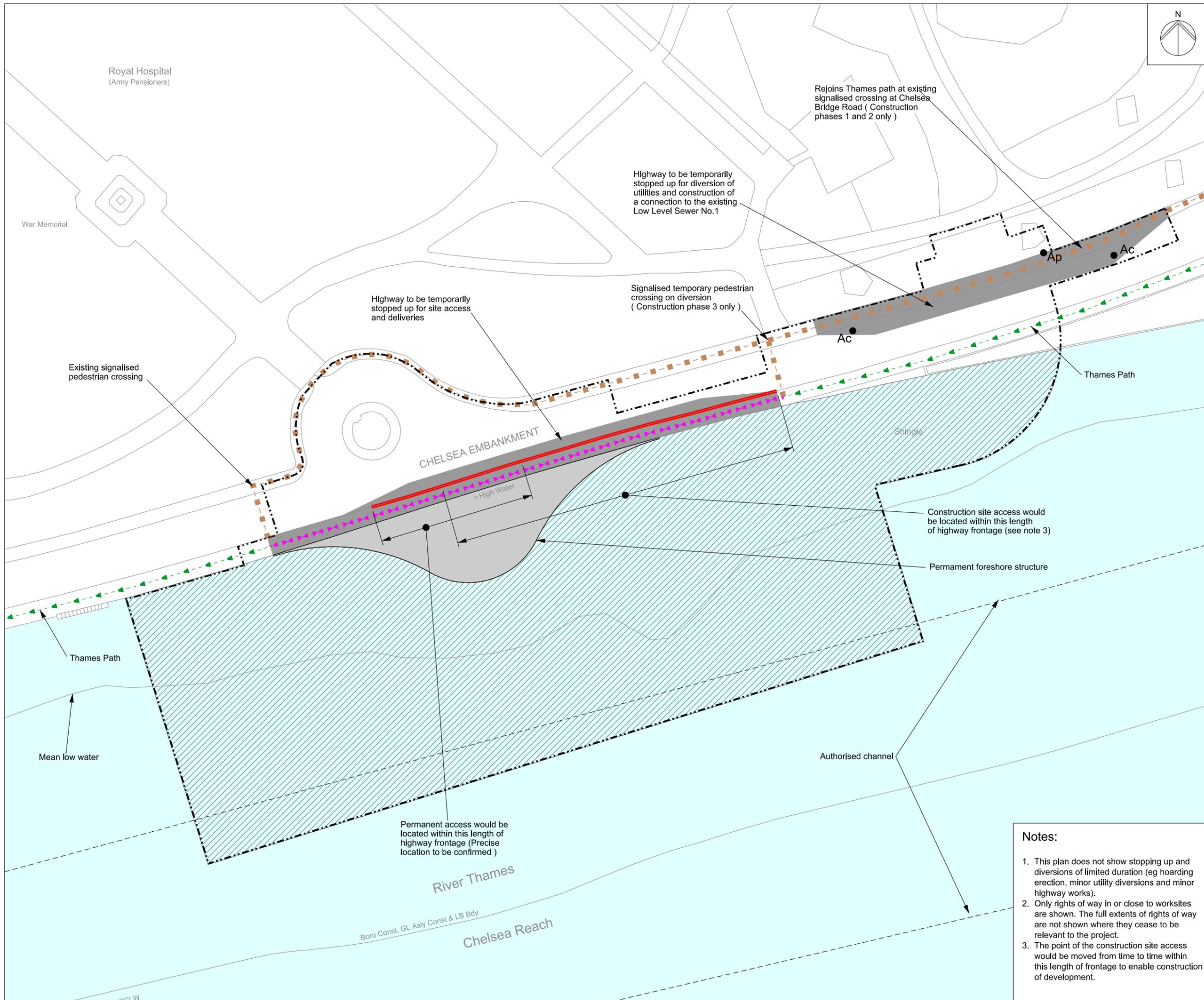
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Location
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Royal Borough of Kensington & Chelsea

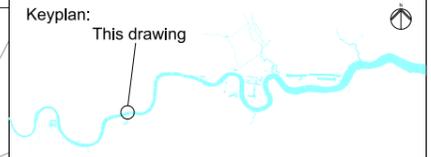
Document Information
Application for Development Consent
As existing
Site features plan
Book of plans - section 14
DCO-PP-12X-CHEEF-140002
January 2013

Notes:

1. All dimensions and levels are approximate.
2. Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.

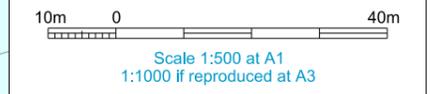


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Existing public right of way
 - Route of temporary diversion of right of way
 - Existing right of way temporarily stopped up
 - Area of highway to be temporarily stopped up
 - Area of temporary suspension of public rights of navigation
 - Area of permanent extinguishment of public rights of navigation
 - Ap** ● Access to permanent works
 - Ac** ● Access to construction works
 - Highway frontage within which access would be located



FOR APPROVAL

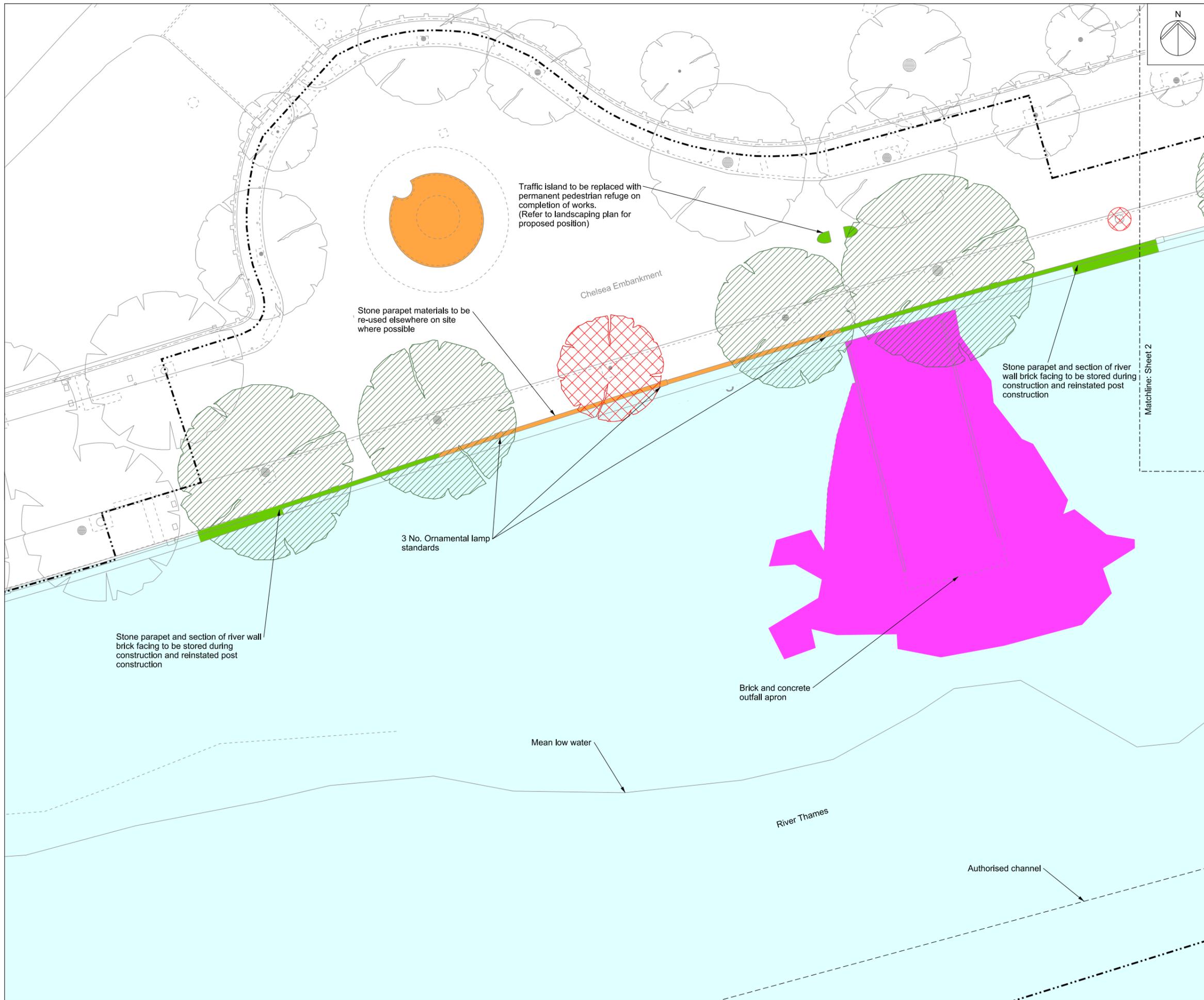
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Access plan

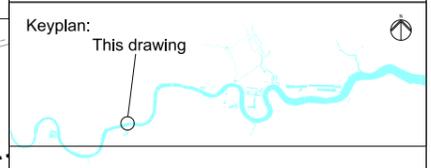
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January 2013



- Notes:**
1. This plan does not show stopping up and diversions of limited duration (eg hoarding erection, minor utility diversions and minor highway works).
 2. Only rights of way in or close to worksites are shown. The full extents of rights of way are not shown where they cease to be relevant to the project.
 3. The point of the construction site access would be moved from time to time within this length of frontage to enable construction of development.



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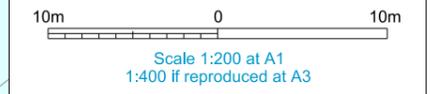
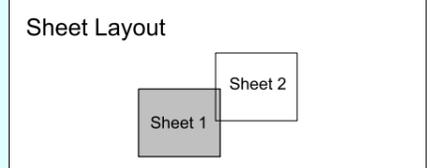


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Key:

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

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

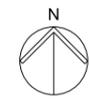


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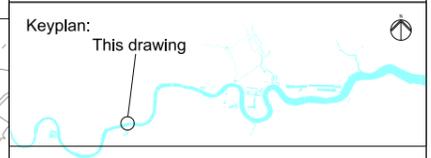
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Demolition and site clearance
Sheet 1 of 2
Book of plans - section 14
DCO-PP-12X-CHEEF-140004
January 2013





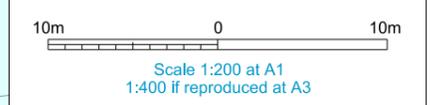
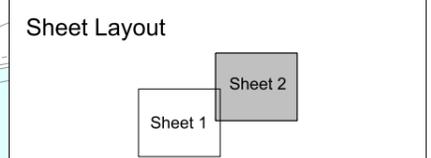
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Trees to be removed
 - Trees to be pruned
 - Above ground structures to be removed
 - Structure to be removed and relocated or reinstated

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



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Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

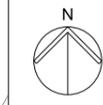
Document Information
Application for Development Consent
Demolition and site clearance
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January 2013



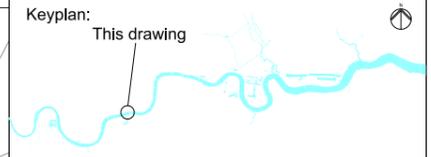
Matchline: Sheet 1

Table 1

Above ground permanent structure	Maximum height above finished ground level (Minimum heights are in brackets where applicable)
Ventilation column(s) serving the shaft	8.0m (4.0m)
Ventilation column(s) serving interception and overflow weir chambers	6.0m
Electrical and control kiosk(s)	1.5m



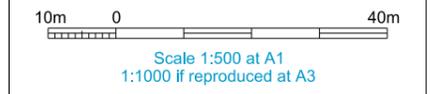
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - - - Zone within which all permanent site structures would be located
 - - - Zone within which the shaft would be located
 - - - Zone within which permanent above ground structures would be located (those listed in Table 1)
 - ▨ Zone within which required landscaping would be located
 - Maximum extent of intertidal terracing
 - ⋯ Maximum extent of temporary works platform

- Notes:**
- All dimensions and levels are approximate.
 - The Site Works Parameter Key Plan identifies each zone independently.
 - The zone within which the shaft would be located would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and if applicable under-reaming. Shaft construction temporary works may be located within or outside this zone provided they are located within the Limits of land to be acquired or used.

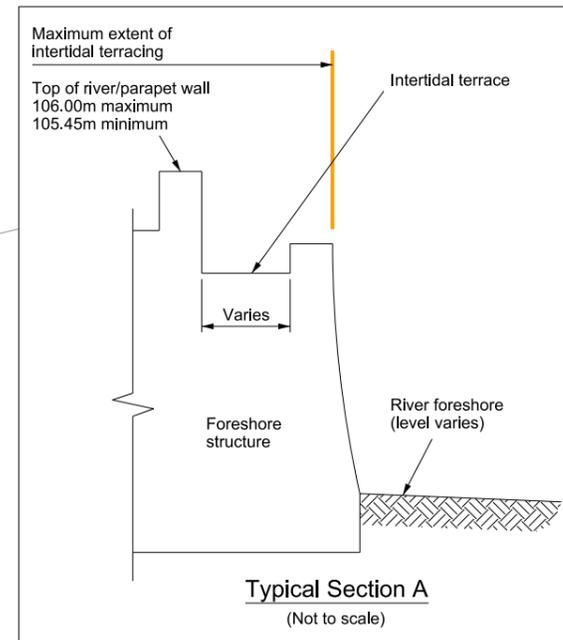
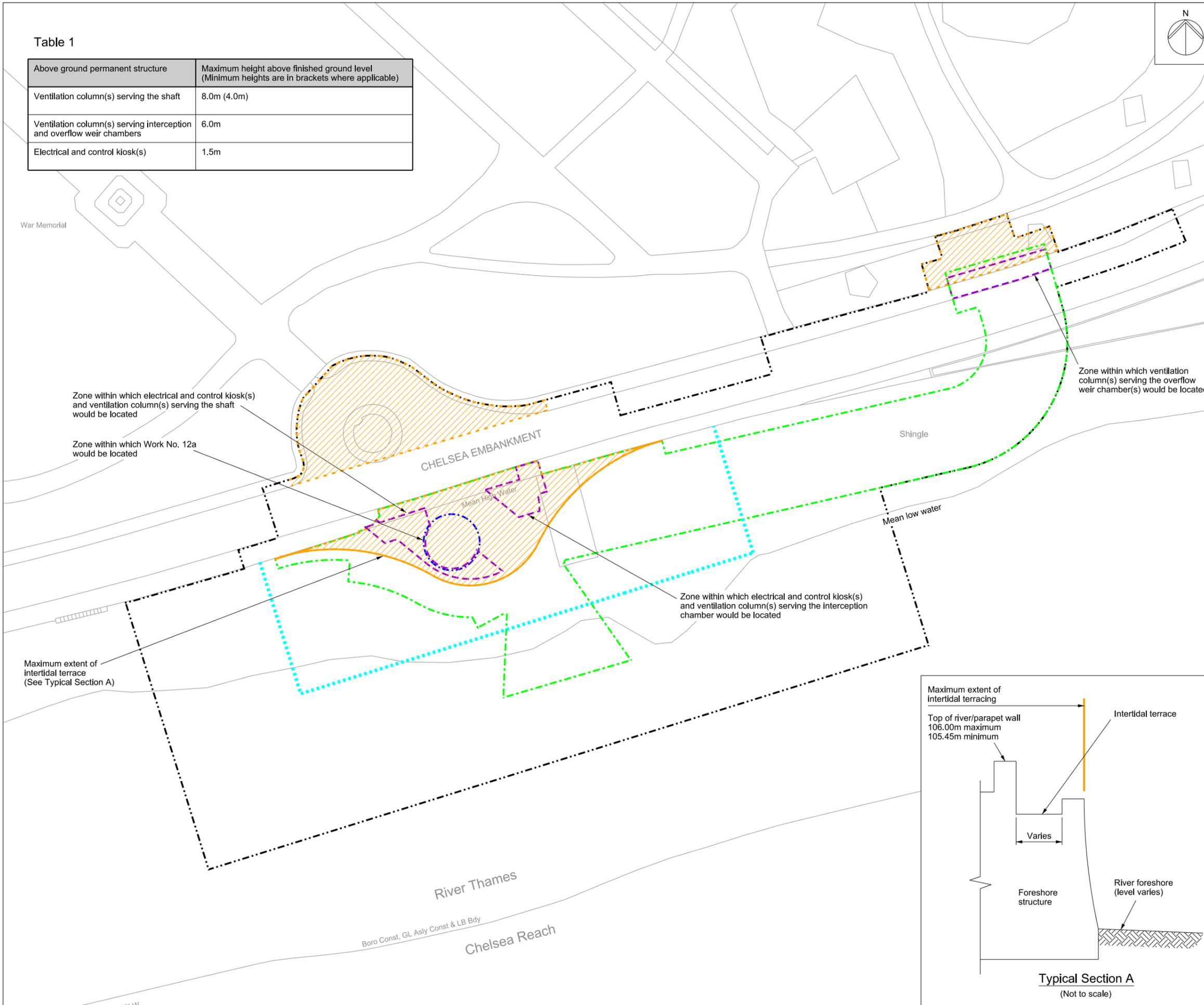


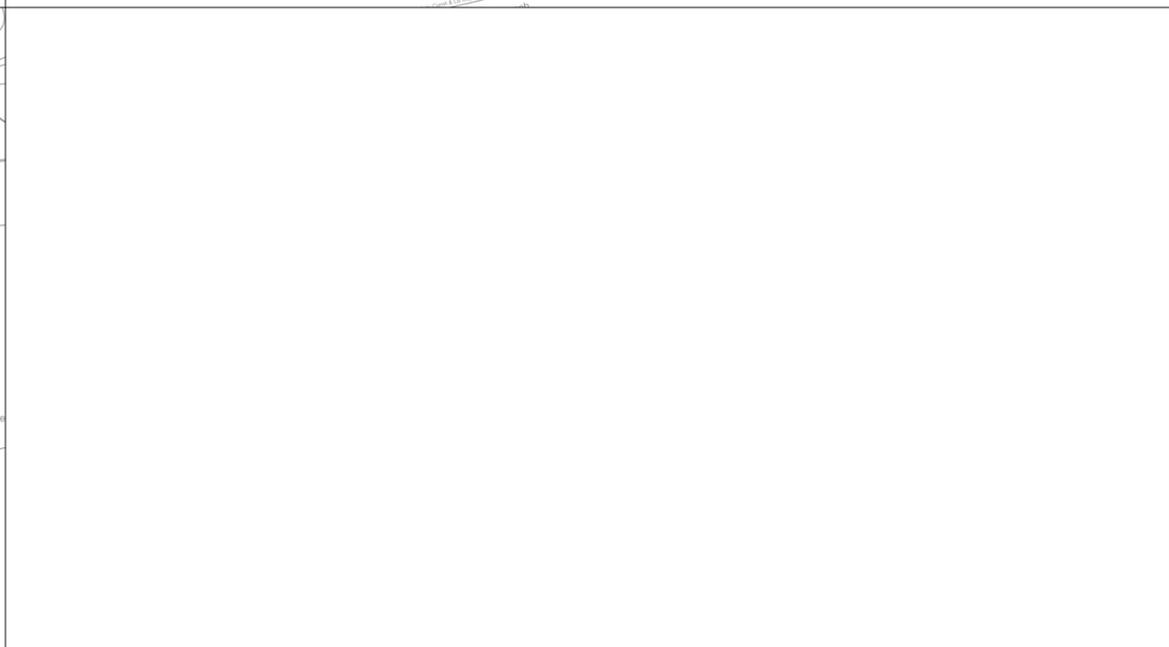
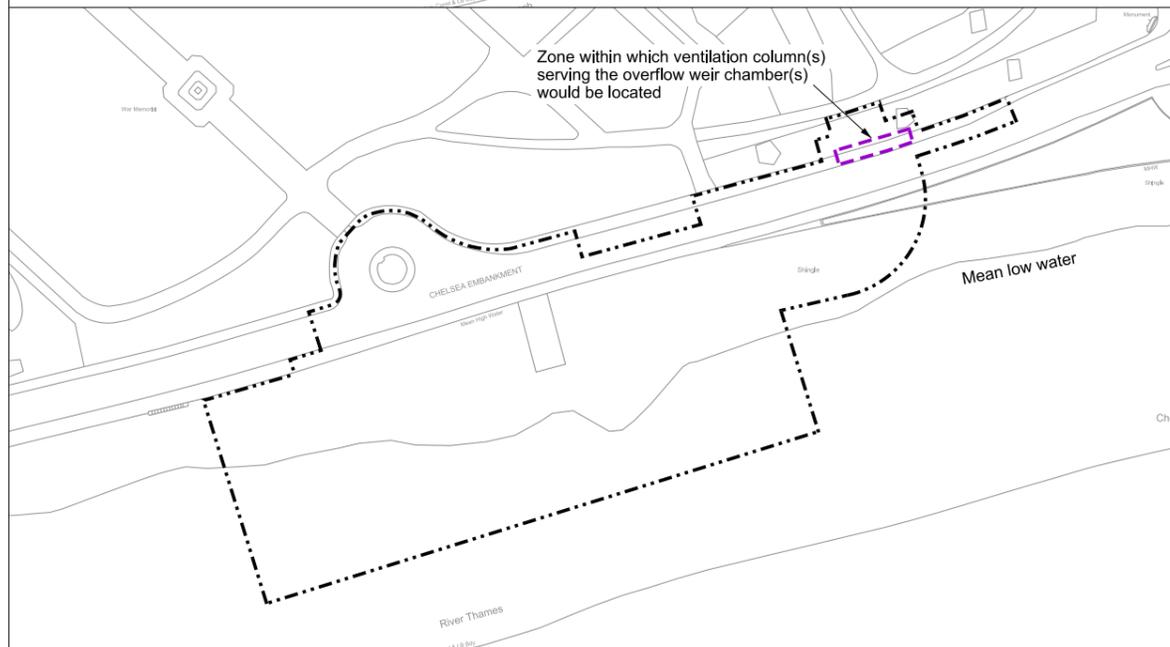
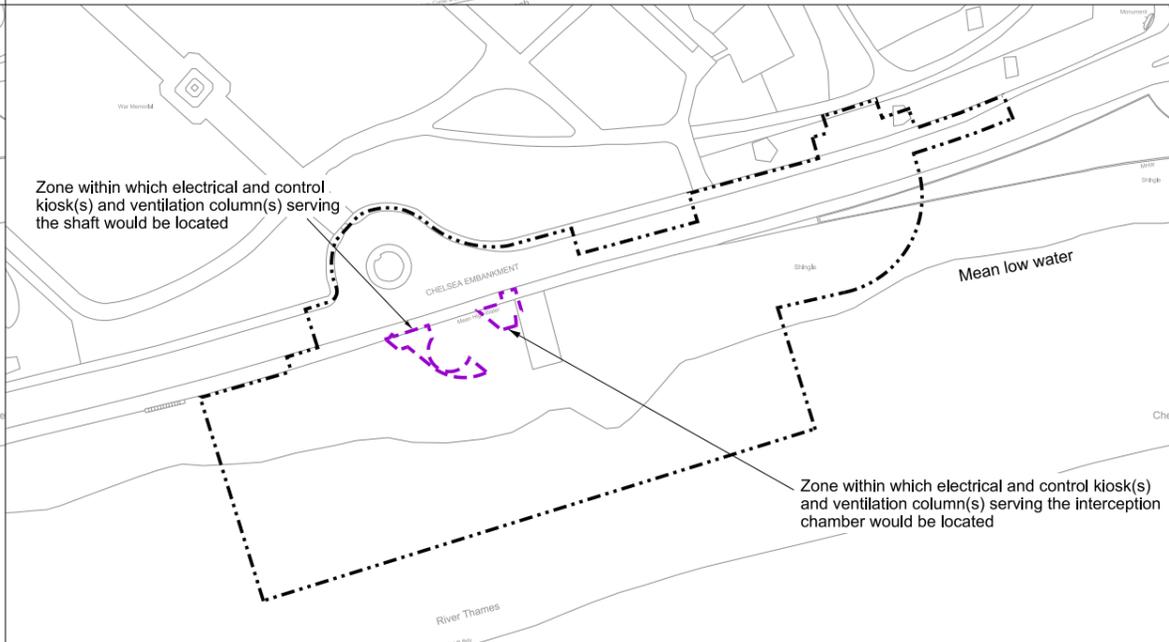
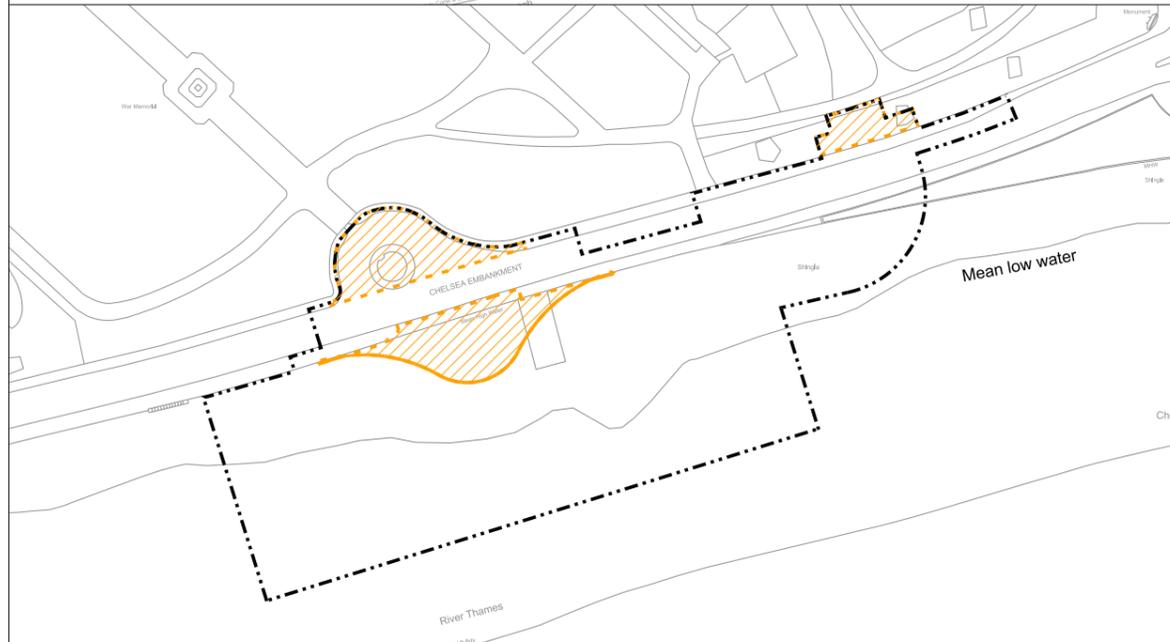
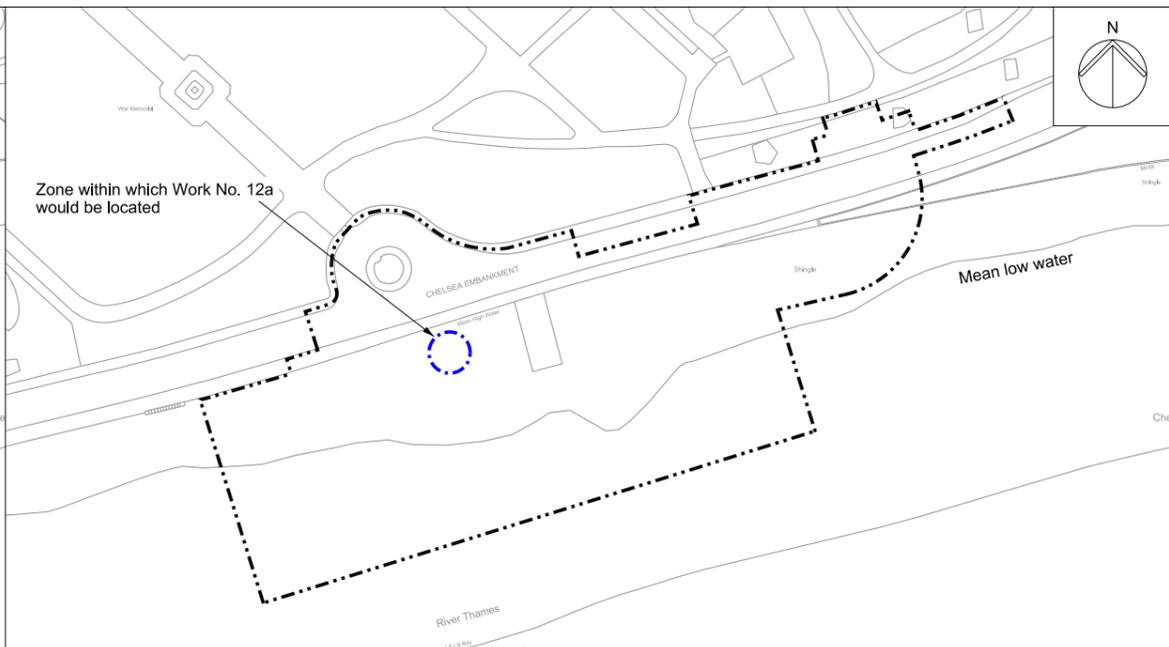
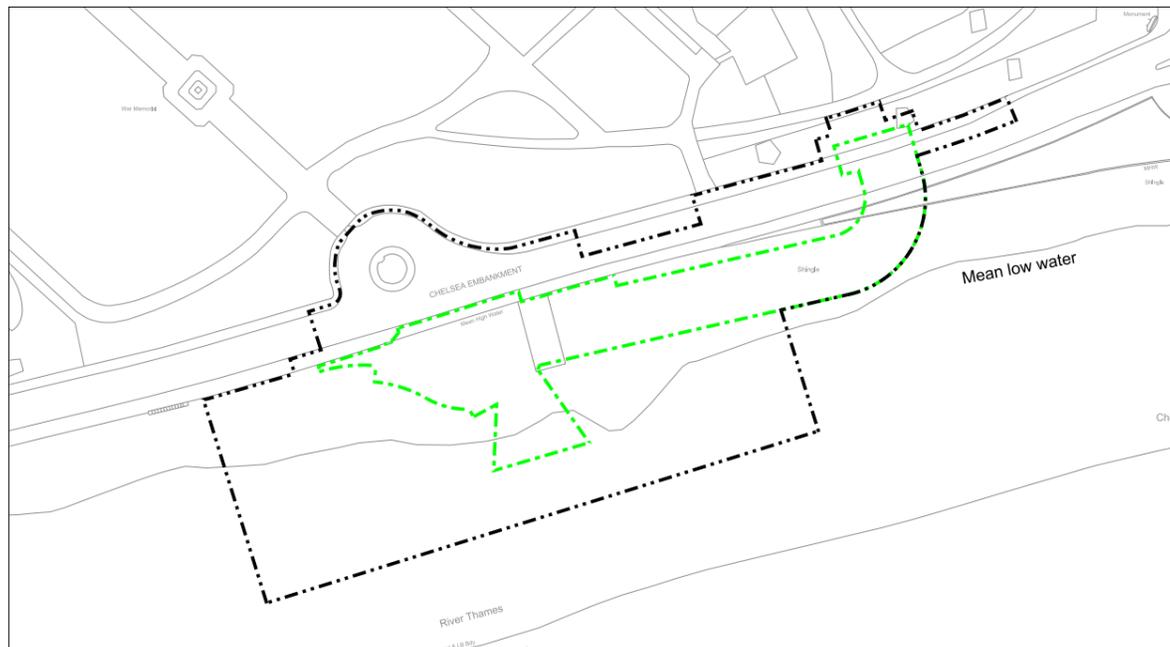
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Location
Chelsea Embankment Foreshore
 Royal Borough of Kensington & Chelsea

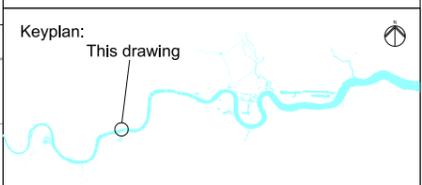
Document Information
Application for Development Consent
 Site works parameter plan

Book of plans - section 14
 DCO-PP-12X-CHEEF-140006
 January 2013





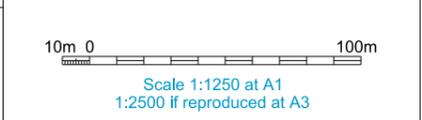
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Zone within which all permanent site structures would be located
 - Zone within which the shaft would be located
 - Zone within which permanent above ground structures would be located
 - Zone within which required landscaping would be located
 - Maximum extent of intertidal terracing

- Notes:**
1. All dimensions and levels are approximate.
 2. The Site Works Parameter Key Plan identifies each zone independently. The zones are identical to those shown on the Site works parameter plans.
 3. The zone within which the shaft would be located would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and if applicable under-reaming. Shaft construction temporary works may be located within or outside this zone provided they are located within the Limits of land to be acquired or used.



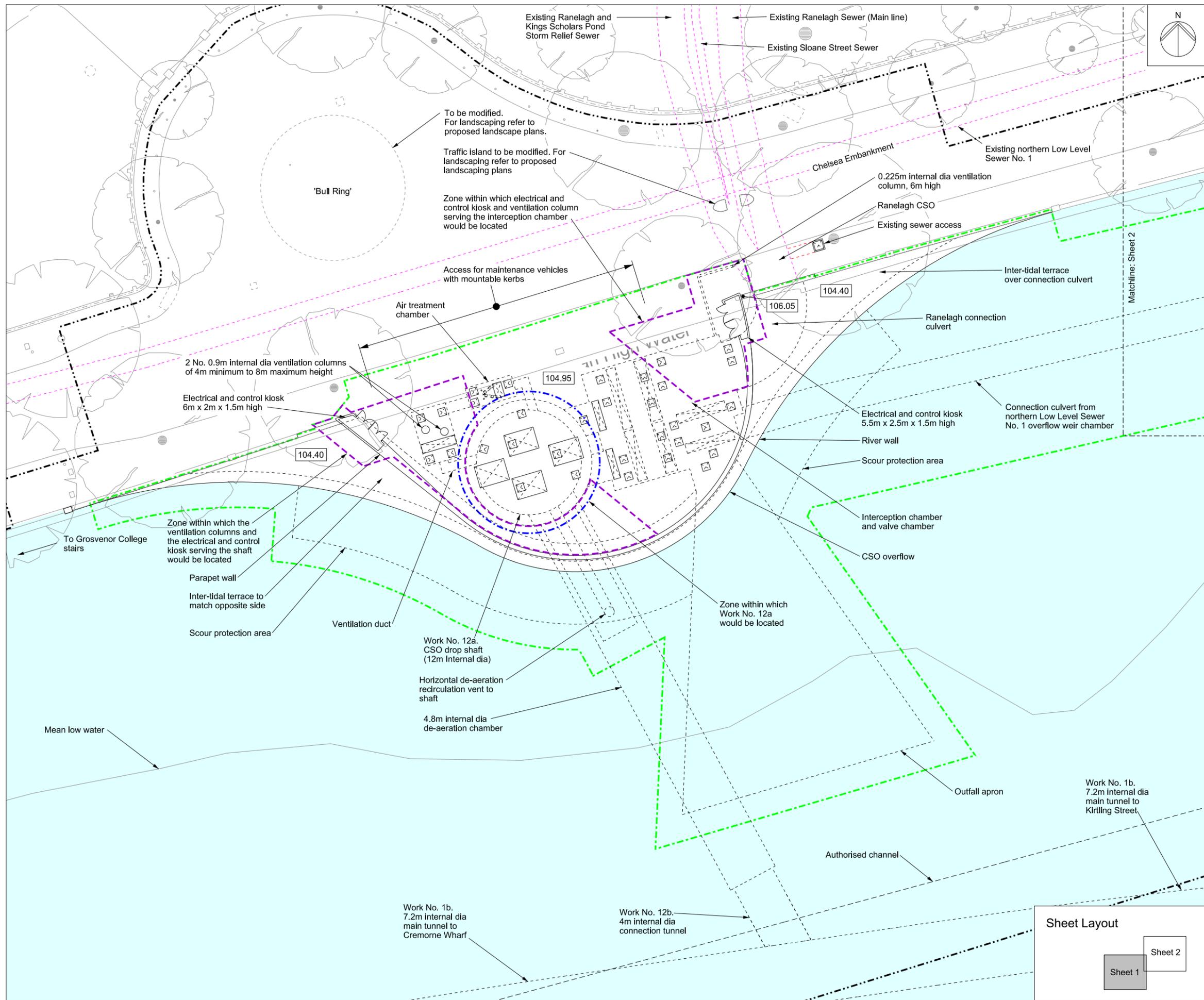
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Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

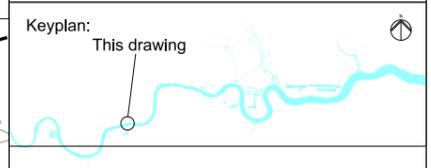
Document Information
Application for Development Consent
Site works parameter key plan

Book of plans - section 14
DCO-PP-12X-CHEEF-140007
January 2013





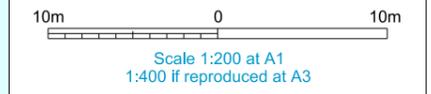
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Existing sewers
 - Proposed access cover
 - Proposed level (shown in metres above tunnel datum)
 - Zone within which all permanent site structures would be located
 - Zone within which the shaft would be located
 - Zone within which permanent above ground structures would be located

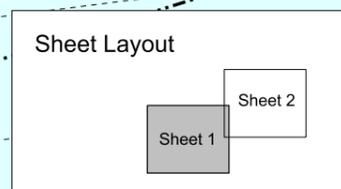
- Notes:**
1. All dimensions and levels are approximate.
 2. Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and topographical survey base, both of which have been used in the preparation of this drawing.
 3. This drawing shows permanent site structures only. Landscaping hard works and soft works are shown on the Proposed landscape plan and/or Proposed site features plan.

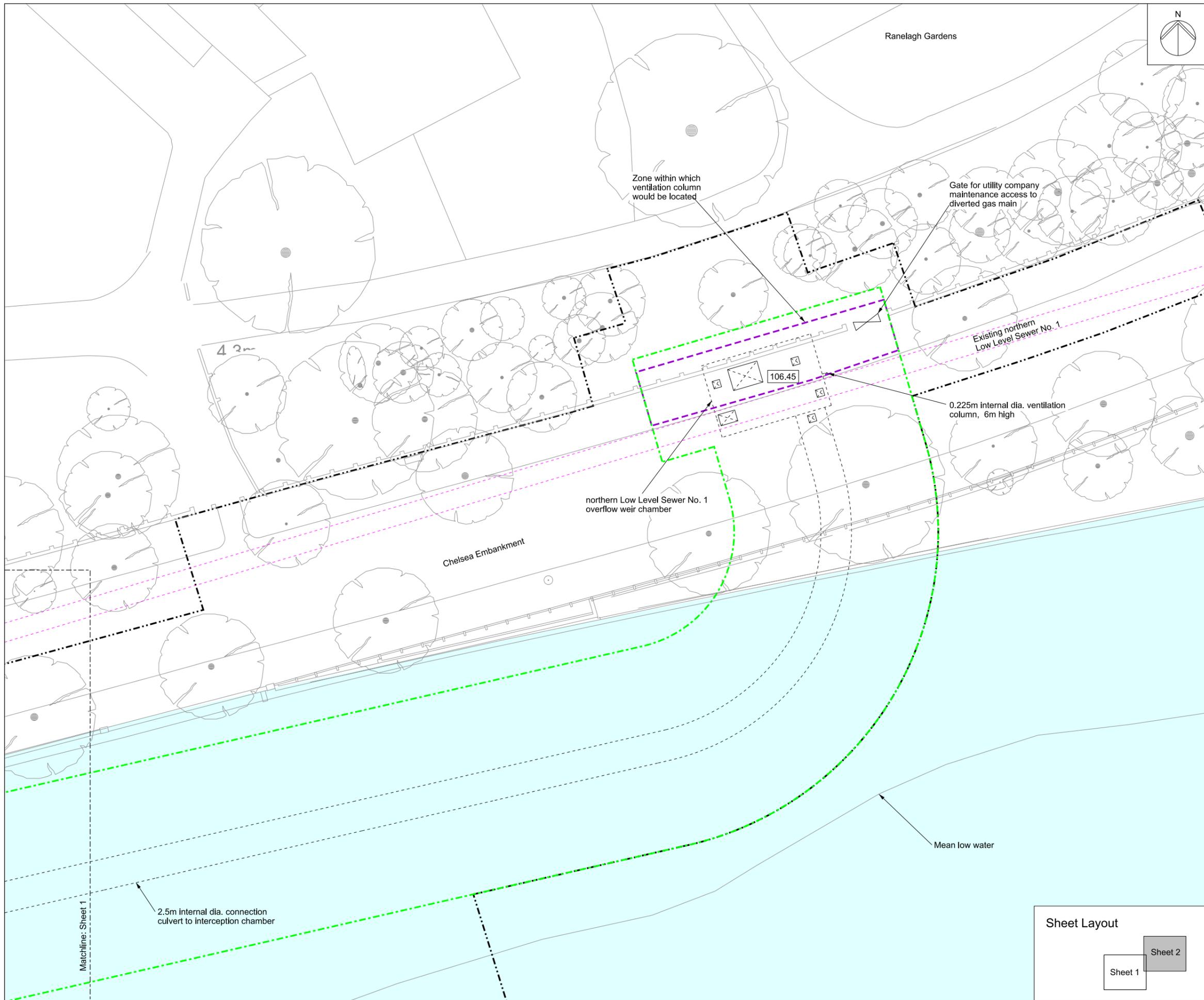


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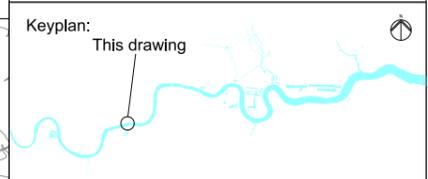
Location
 Chelsea Embankment Foreshore
 Royal Borough of Kensington & Chelsea

Document Information
 Application for Development Consent
 Permanent works layout
 Sheet 1 of 2
 Book of plans - section 14
 DCO-PP-12X-CHEEF-140008
 January 2013





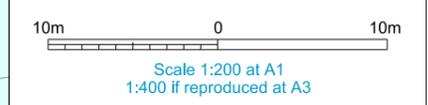
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Existing sewers
 - Proposed access cover
 - Proposed level (shown in metres above tunnel datum)
 - Zone within which all permanent site structures would be located
 - Zone within which permanent above ground structures would be located

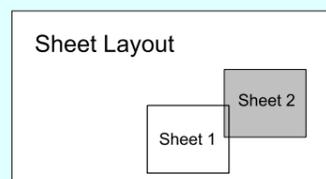
- Notes:**
1. All dimensions and levels are approximate.
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 3. This drawing shows permanent site structures only. Landscaping hard works and soft works are shown on the Proposed landscape plan and/or Proposed site features plan.

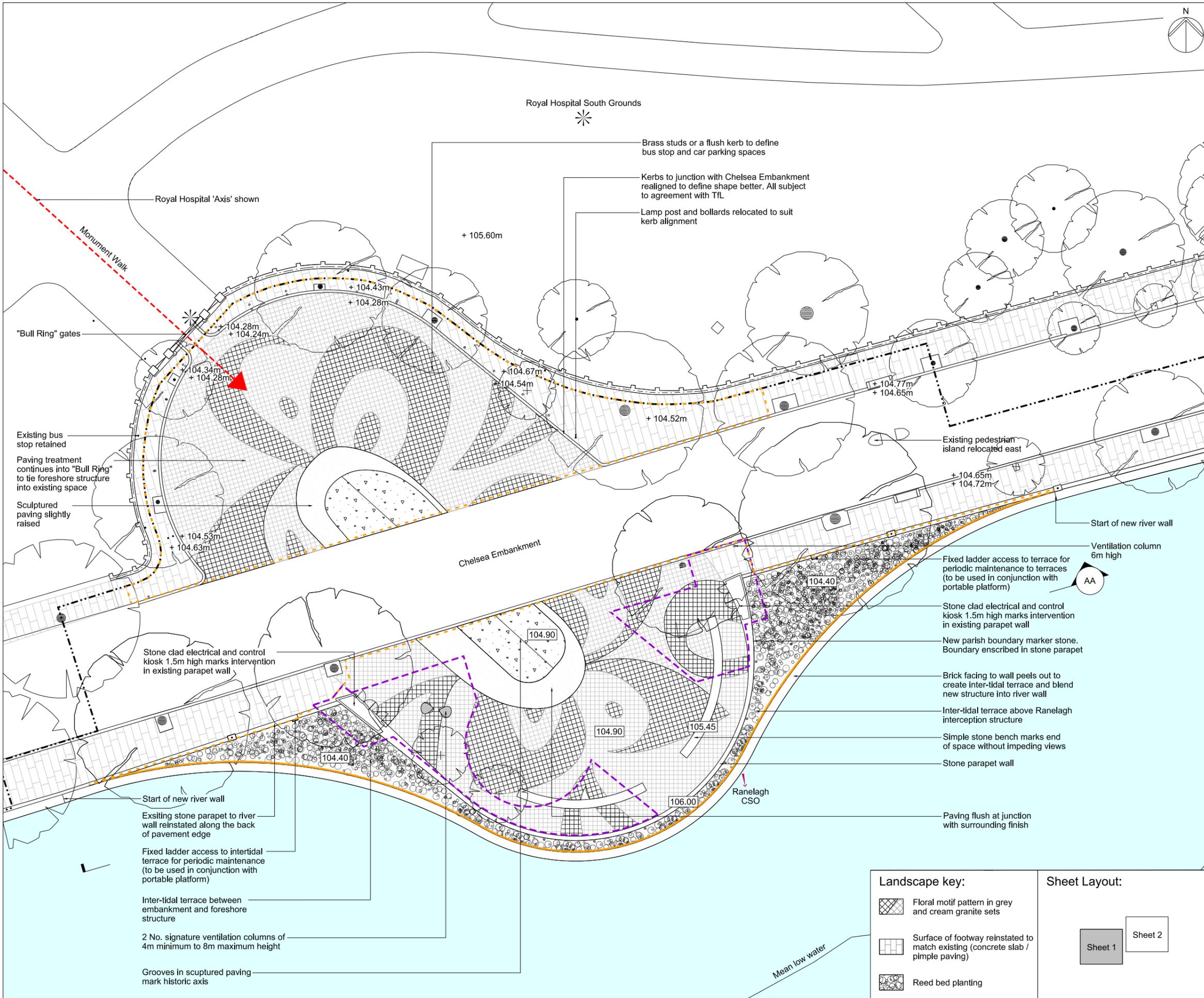


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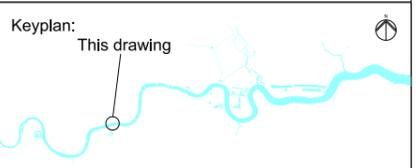
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

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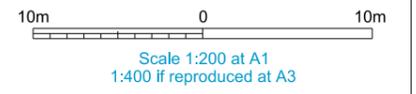
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Zone within which permanent above ground structures would be located
 - Zone within which required landscaping would be located
 - Maximum extent of foreshore structure
 - + 105.40m Existing levels (shown in metres above tunnel datum)
 - Proposed levels (shown in metres above tunnel datum)
 - Listed buildings/structures
 - Approximate position of CSO outlet
 - Existing trees within surveyed area (trunk sizes vary)
 - Proposed trees

- Notes:**
1. All dimensions and levels are approximate.
 2. Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.
 3. The above ground structures in the "Save for the scale of above ground structures which is indicative" statement are those listed in table 1 on the Site works parameter plan.
 4. Access covers not shown on this drawing. Refer to the Permanent works layout for an indication of the extent of access covers required.



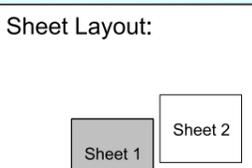
ILLUSTRATIVE
Save for the scale of above ground structures which is indicative

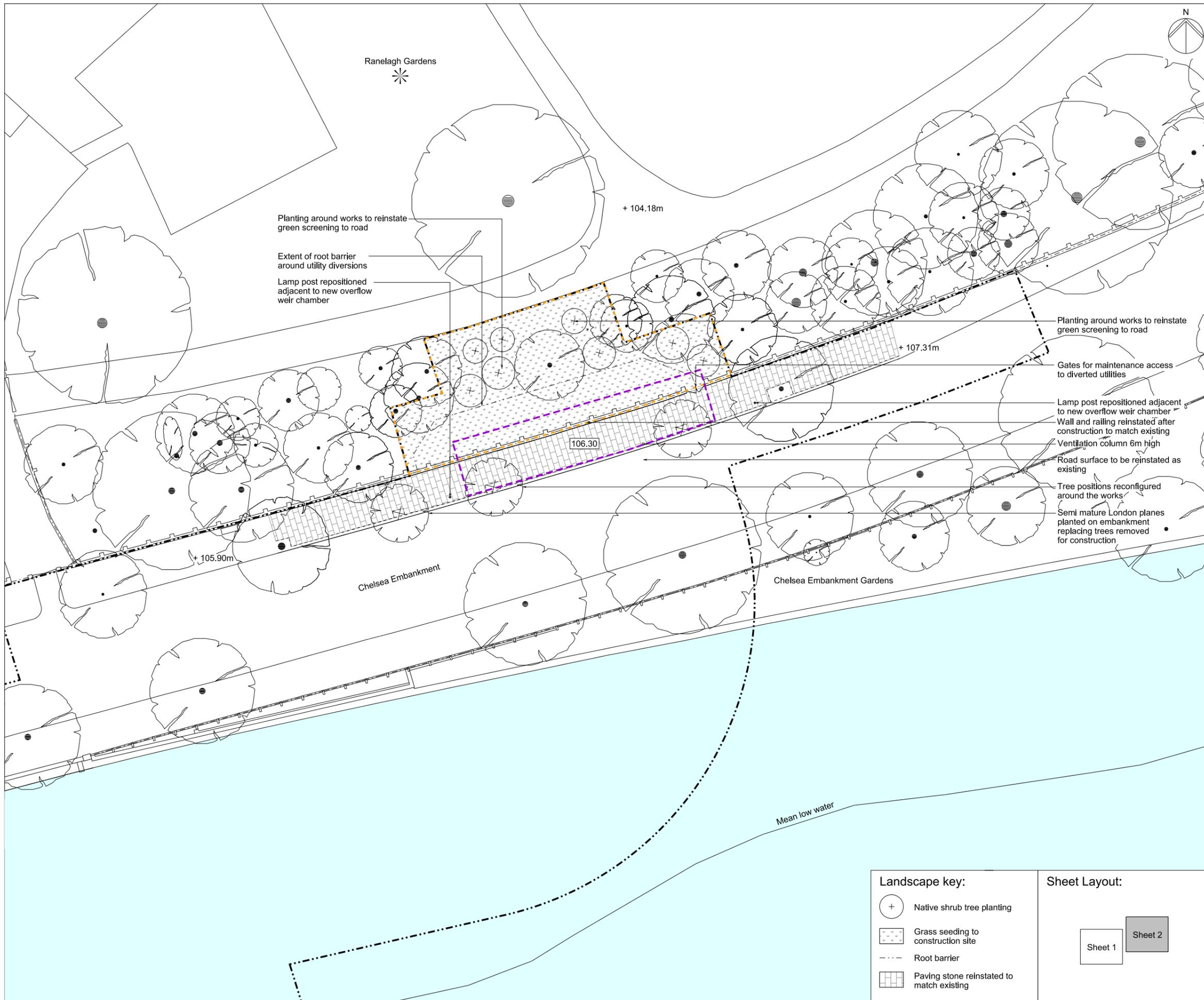
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Proposed
Landscape plan sheet 1 of 2
Book of plans - section 14
DCO-PP-12X-CHEEF-140010
January 2013

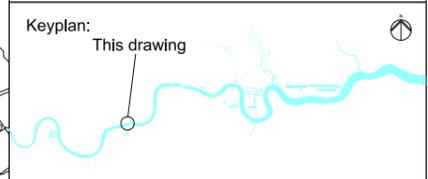


- Landscape key:**
- Floral motif pattern in grey and cream granite sets
 - Surface of footway reinstated to match existing (concrete slab / pimple paving)
 - Reed bed planting





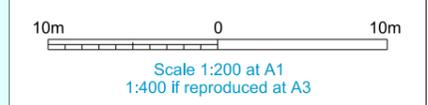
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Zone within which permanent above ground structures would be located
 - Zone within which required landscaping would be located
 - +105.40m Existing levels (shown in metres above tunnel datum)
 - 105.40 Proposed levels (shown in metres above tunnel datum)
 - ☼ Listed buildings/structures
 - ⊙ Existing trees within surveyed area (trunk sizes vary)
 - ⊕ Proposed trees

- Notes:**
1. All dimensions and levels are approximate.
 2. Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.
 3. The above ground structures in the "Save for the scale of above ground structures which is indicative" statement are those listed in table 1 on the Site works parameter plan.
 4. Access covers not shown on this drawing. Refer to the Permanent works layout for an indication of the extent of access covers required.



ILLUSTRATIVE
Save for the scale of above ground structures which is indicative

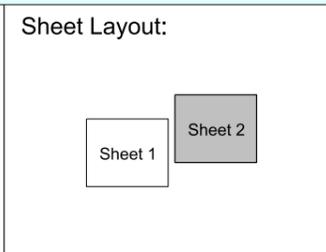
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent

Proposed
Landscape plan sheet 2 of 2
Book of plans - section 14
DCO-PP-12X-CHEEF-140011
January 2013



- Landscape key:**
- ⊕ Native shrub tree planting
 - ⊕ Grass seeding to construction site
 - Root barrier
 - ⊕ Paving stone reinstated to match existing



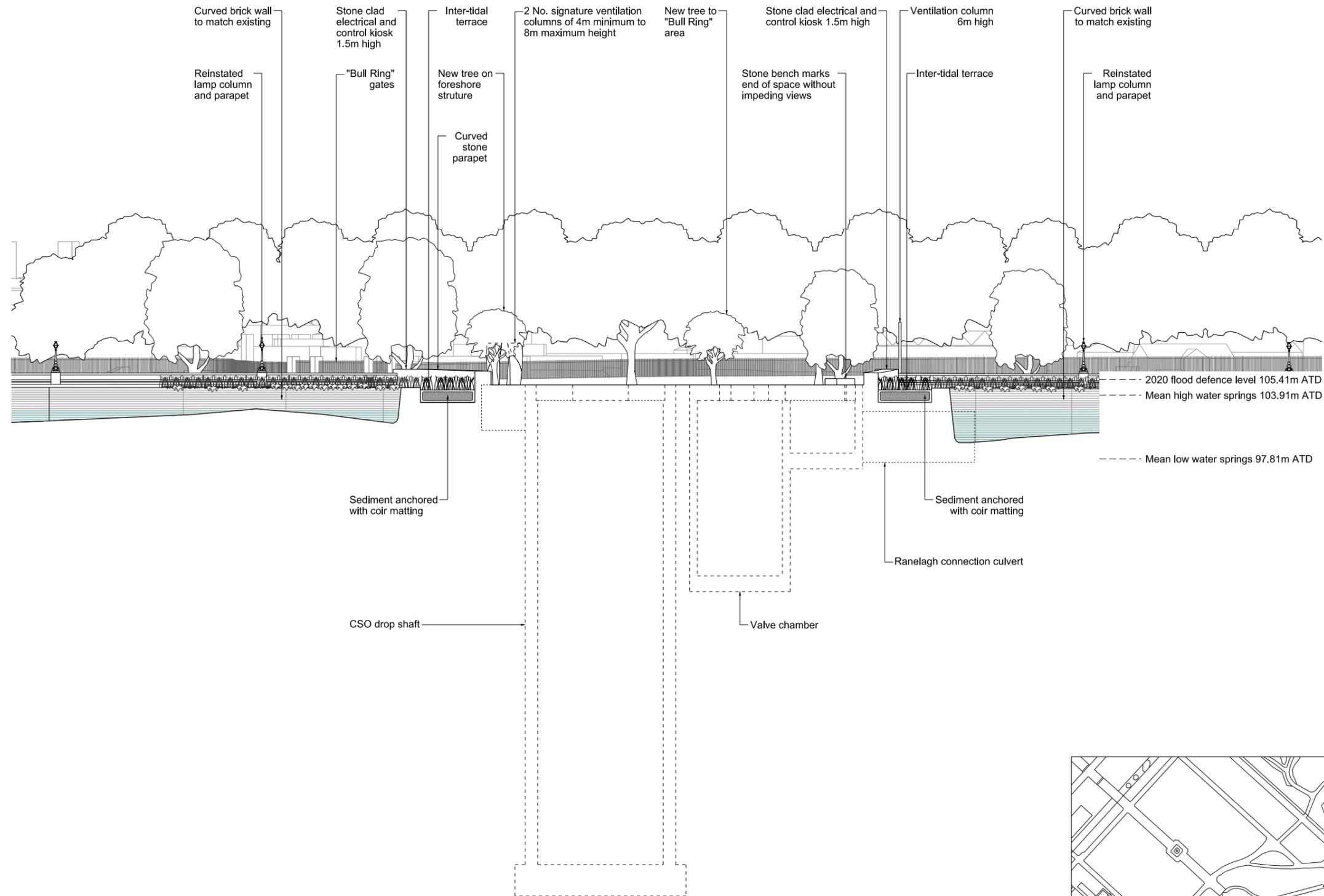
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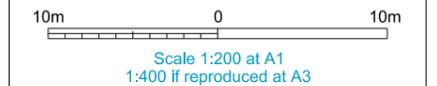
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

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



Section AA



ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Section AA

Book of plans - section 14
DCO-PP-12X-CHEEF-140012
January 2013



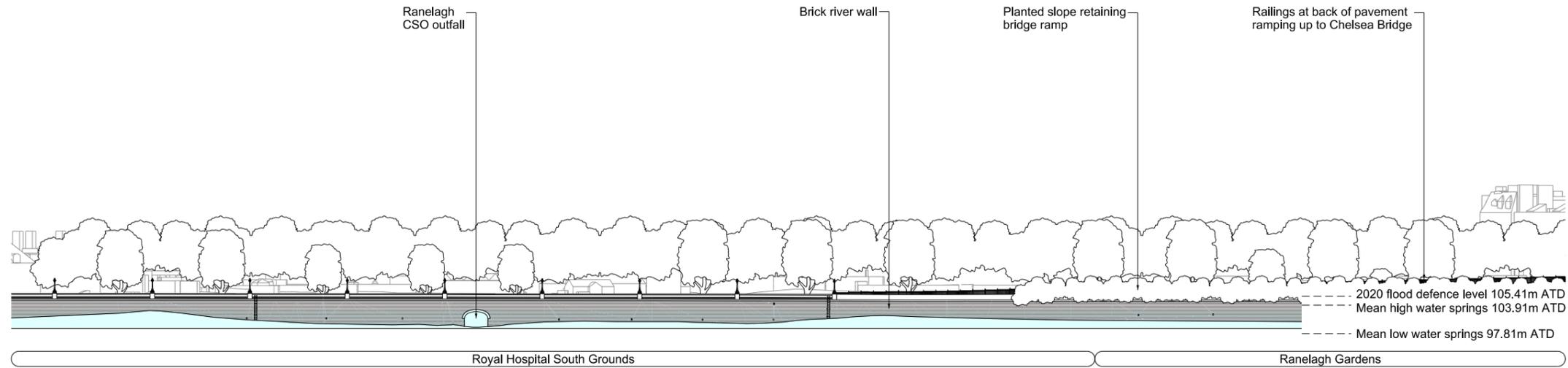
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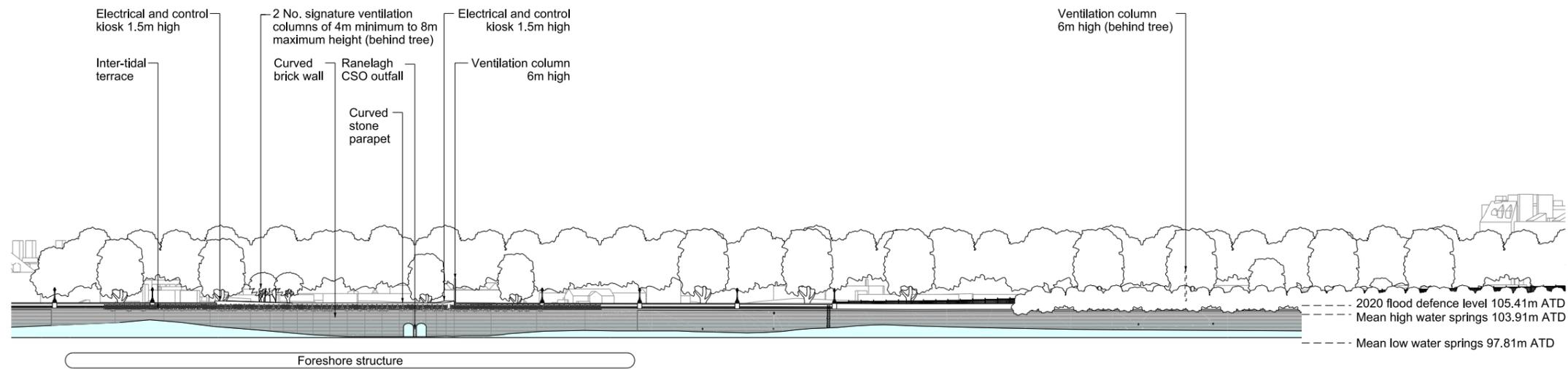
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

1. All dimensions and levels are approximate.



As existing South (river) elevation



Proposed South (river) elevation



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

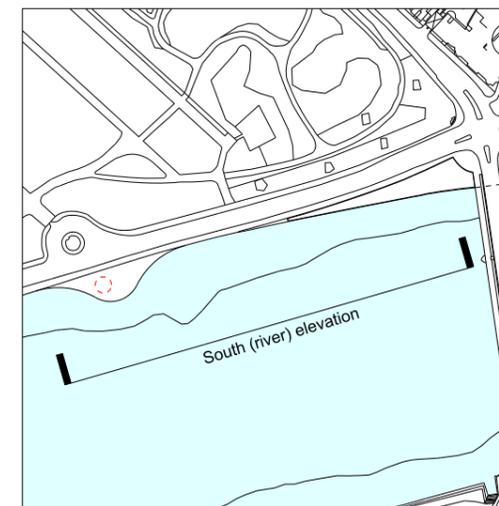
ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent

As existing and proposed
South (river) elevation
Book of plans - section 14
DCO-PP-12X-CHEEF-140013
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



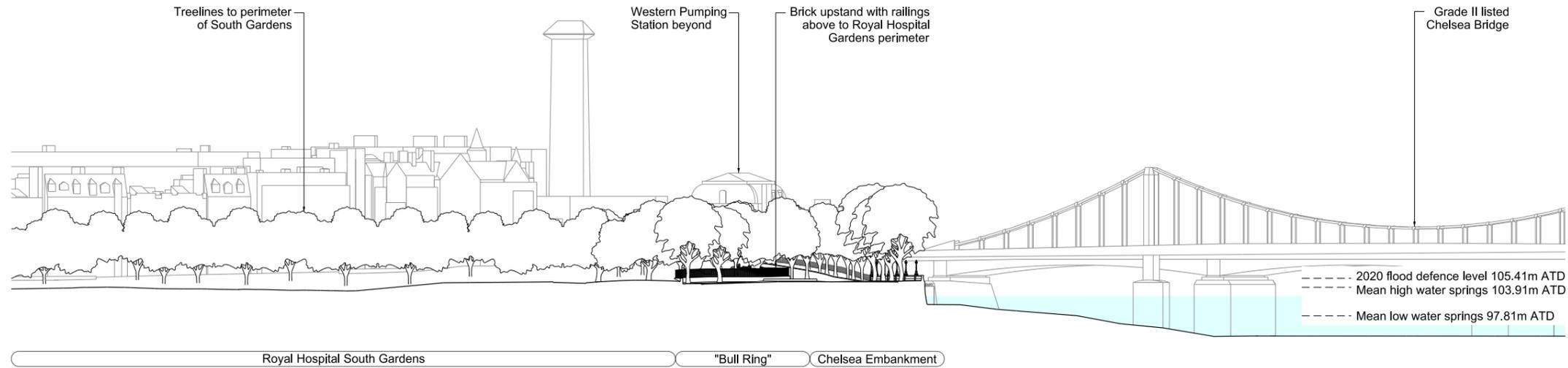
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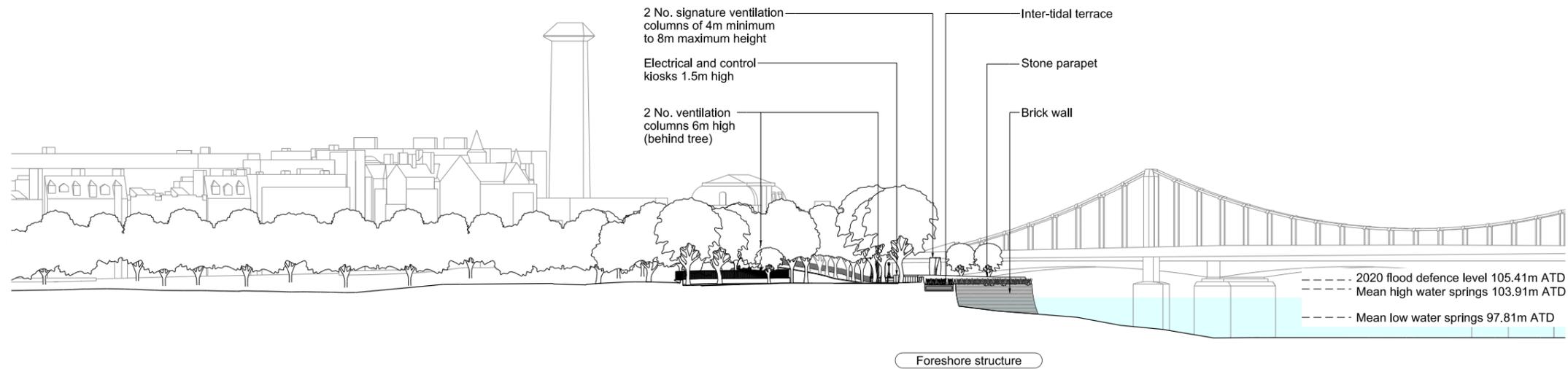
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

1. All dimensions and levels are approximate.



As existing West elevation



Proposed West elevation



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

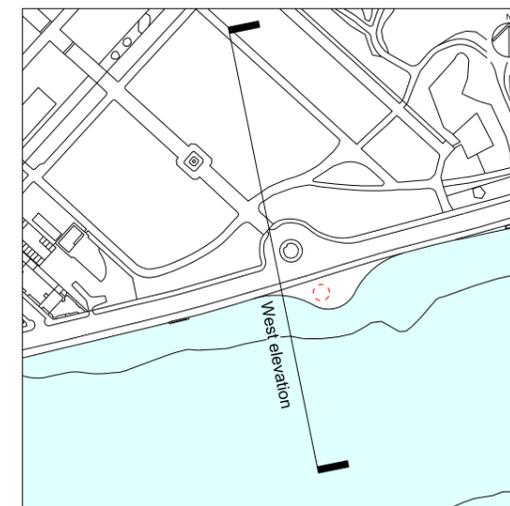
ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent

As existing and proposed
West elevation
Book of plans - section 14
DCO-PP-12X-CHEEF-140014
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



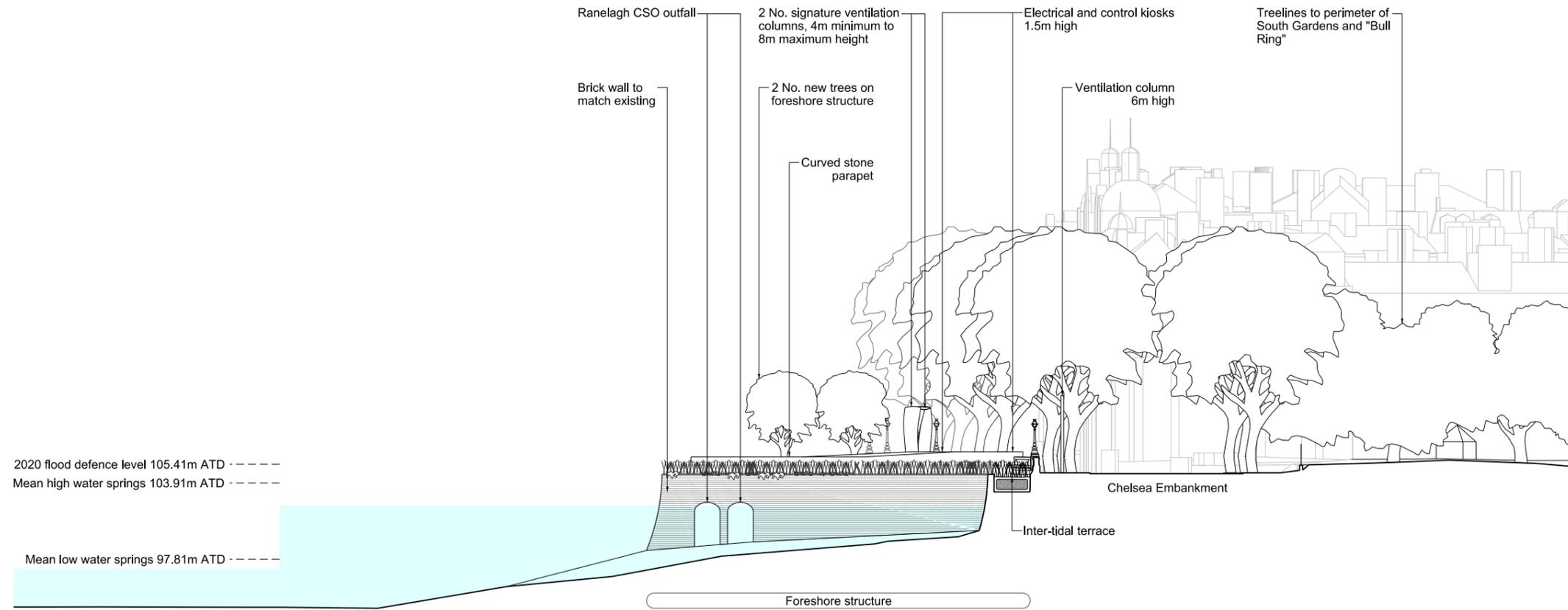
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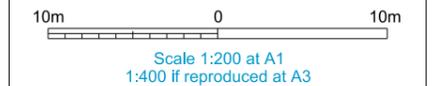
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

1. All dimensions and levels are approximate.



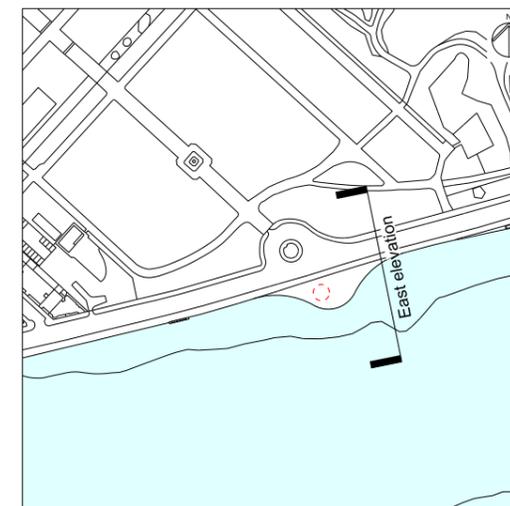
East elevation



ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Proposed
East elevation
Book of plans - section 14
DCO-PP-12X-CHEEF-140015
January 2013



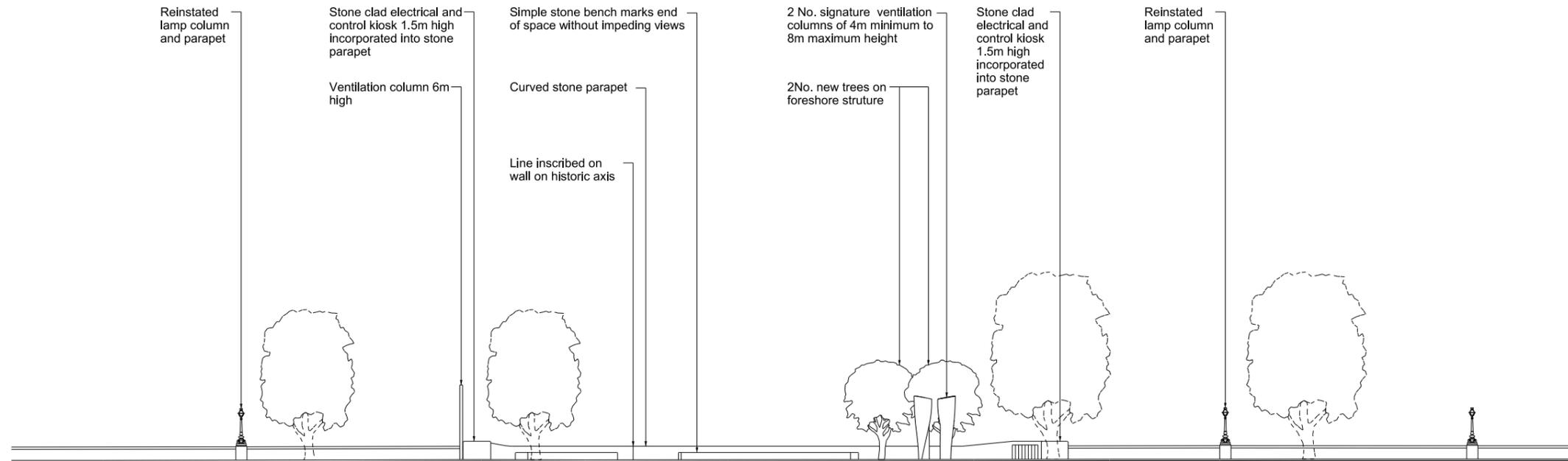
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

- 1. All dimensions and levels are approximate.



North elevation



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

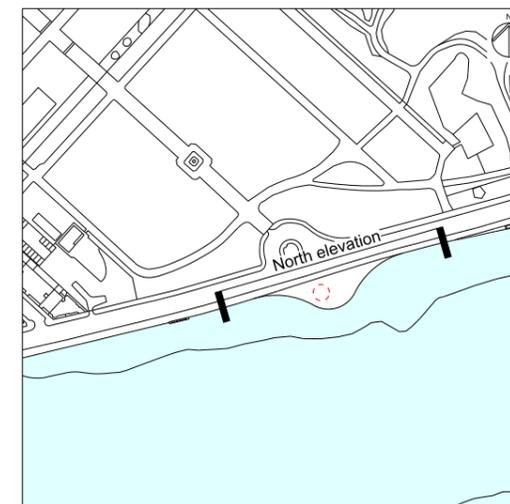
ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent

Proposed
North elevation
Book of plans - section 14
DCO-PP-12X-CHEEF-140016
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames

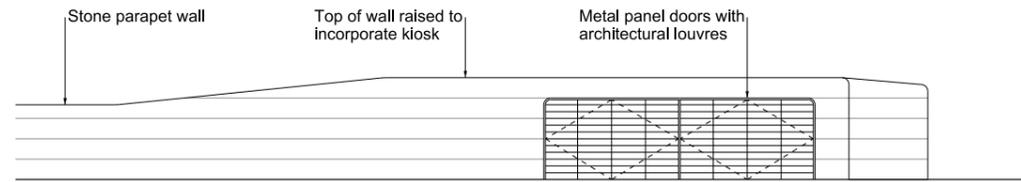


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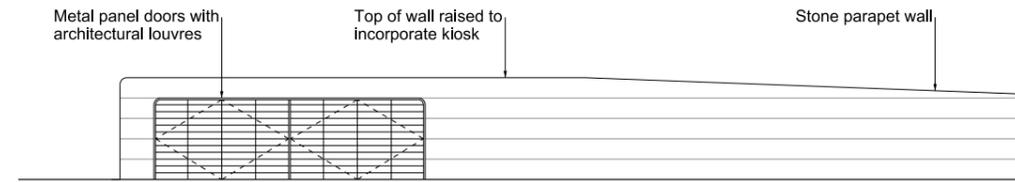
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:
1. All dimensions and levels are approximate.



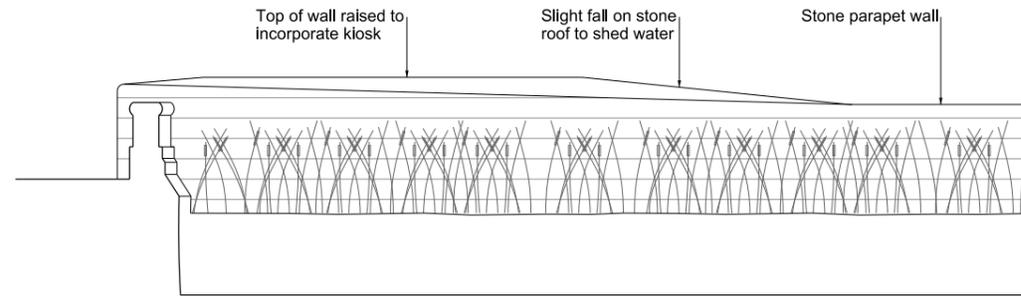
West kiosk East elevation

Scale 1:50



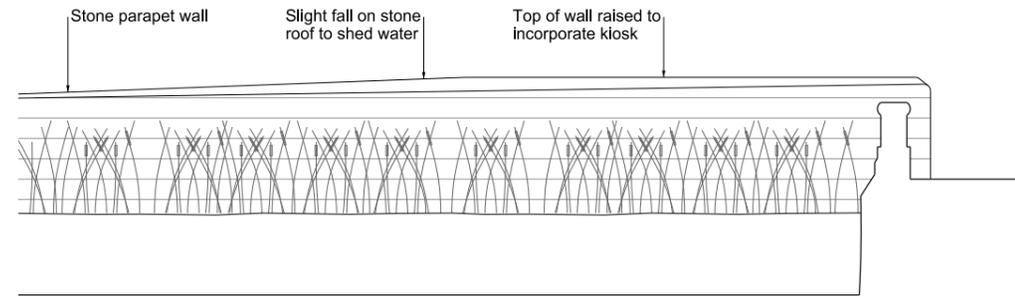
East kiosk West elevation

Scale 1:50



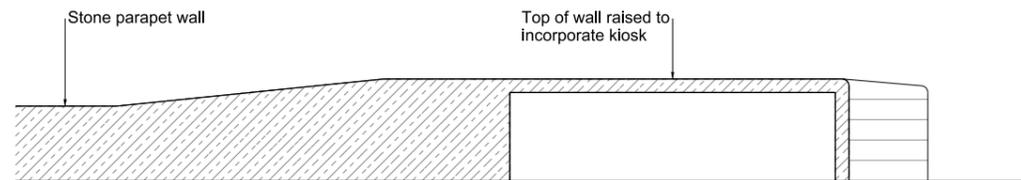
West kiosk West elevation

Scale 1:50



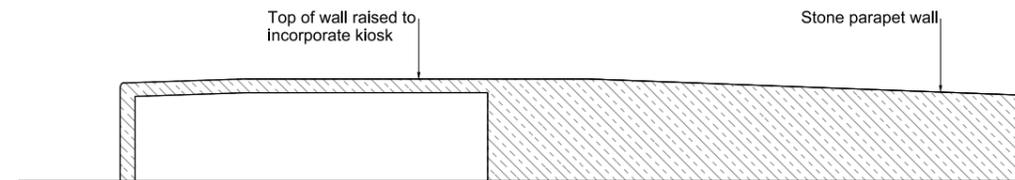
East kiosk East elevation

Scale 1:50



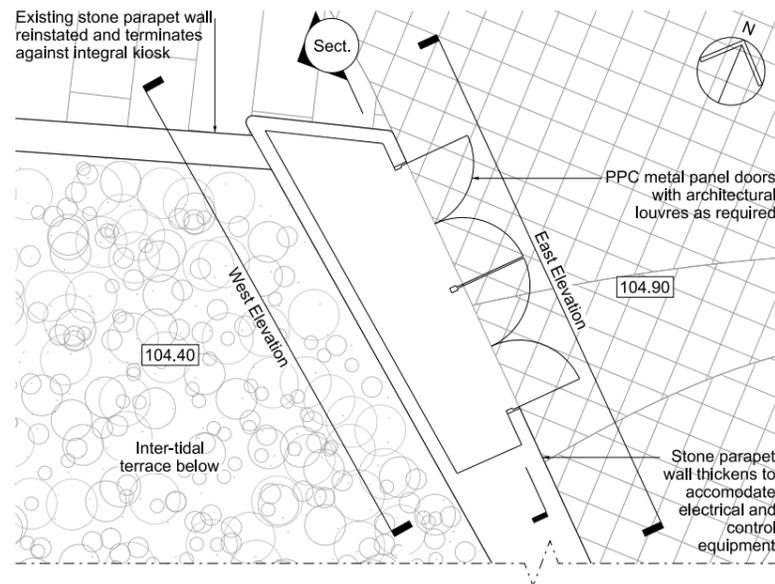
West kiosk section

Scale 1:50



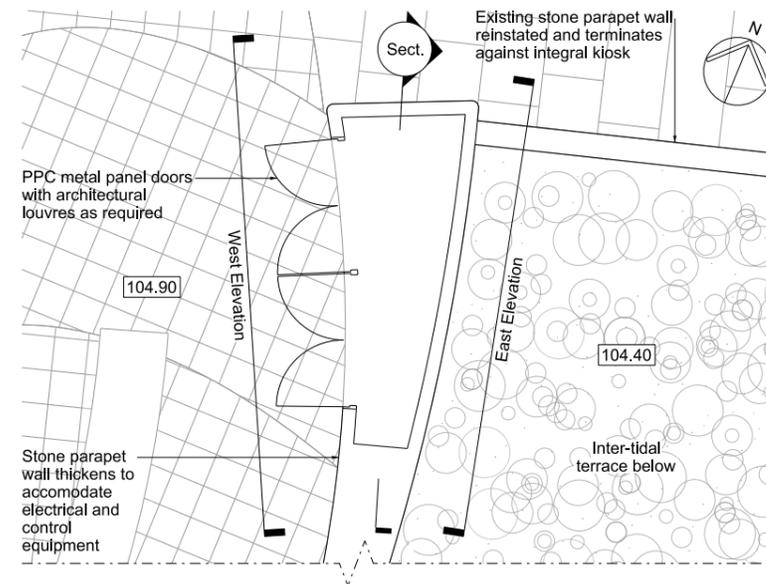
East kiosk section

Scale 1:50



West kiosk plan

Scale 1:50



East kiosk plan

Scale 1:50



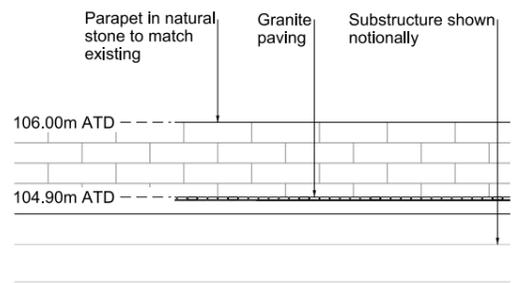
ILLUSTRATIVE
Save for the scale of the kiosk which is indicative

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

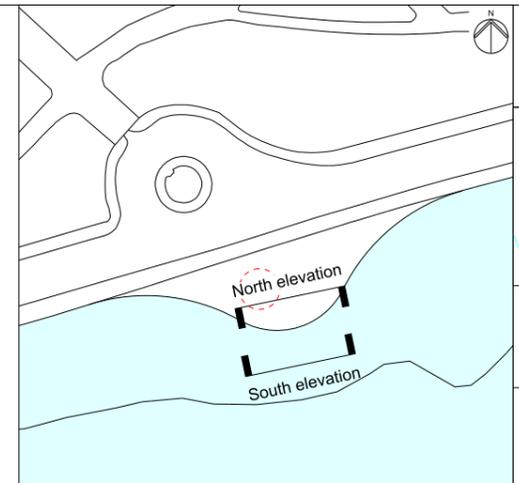
Document Information
Application for Development Consent
Kiosk design intent

Book of plans - section 14
DCO-PP-12X-CHEEF-140017
January 2013





North elevation
Scale 1:50

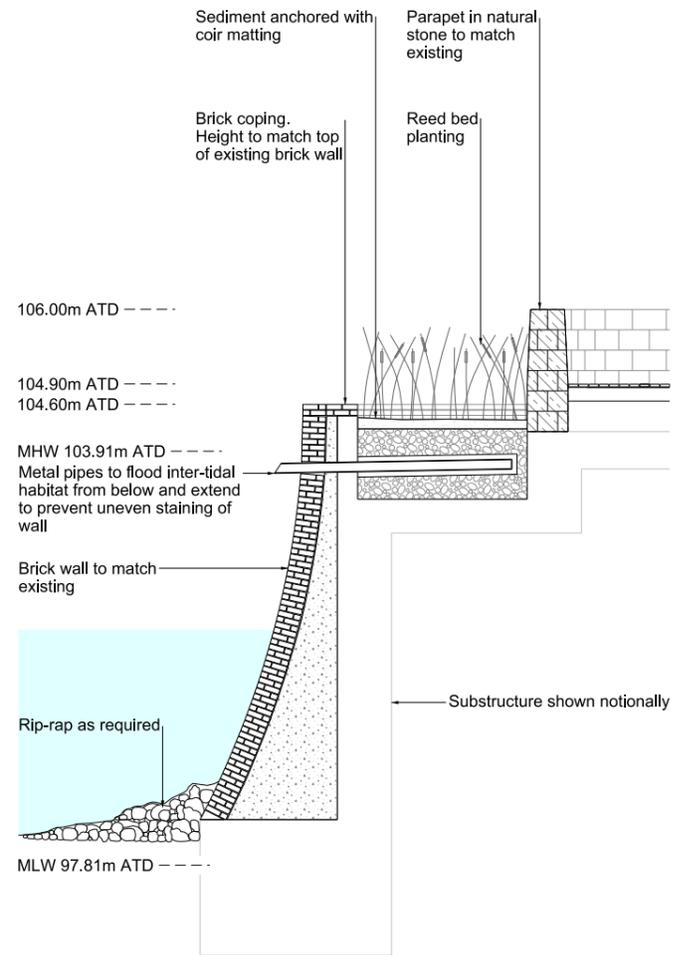


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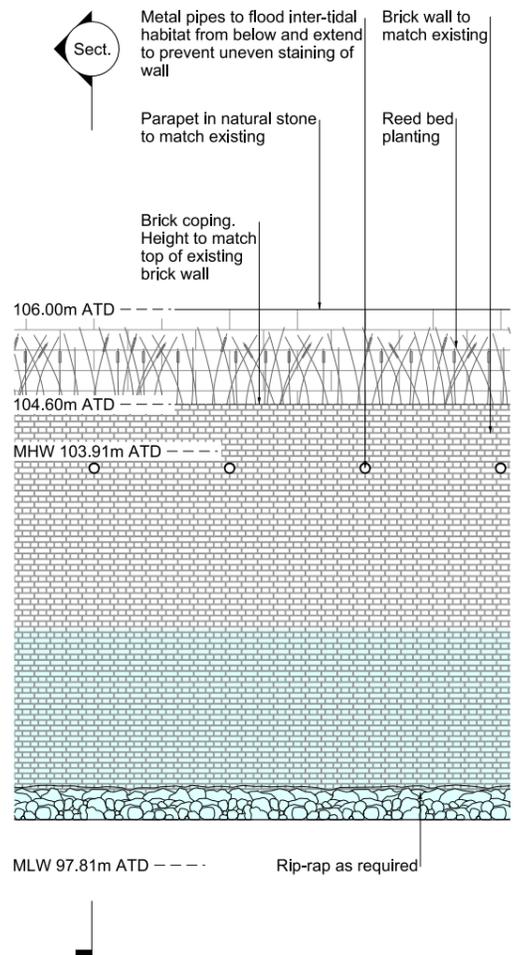


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

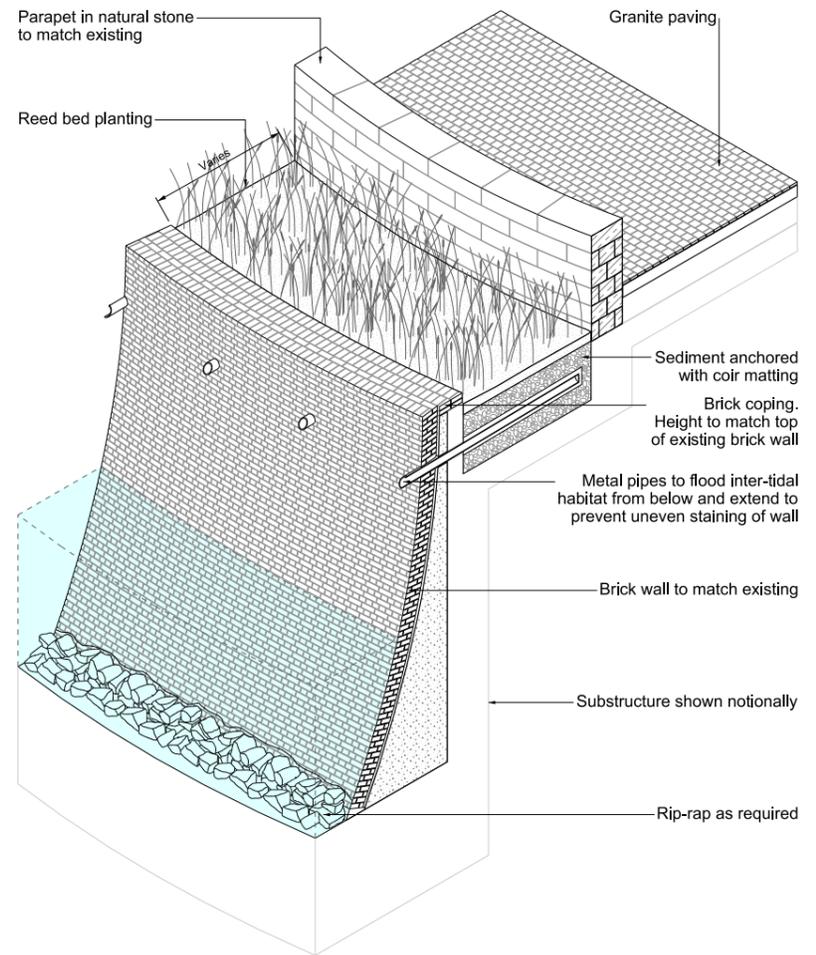
Notes:
1. All dimensions and levels are approximate.



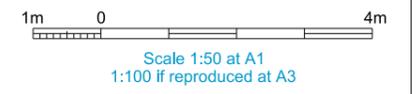
Detail section
Scale 1:50



South elevation
Scale 1:50



Isometric
NTS



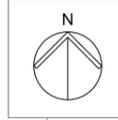
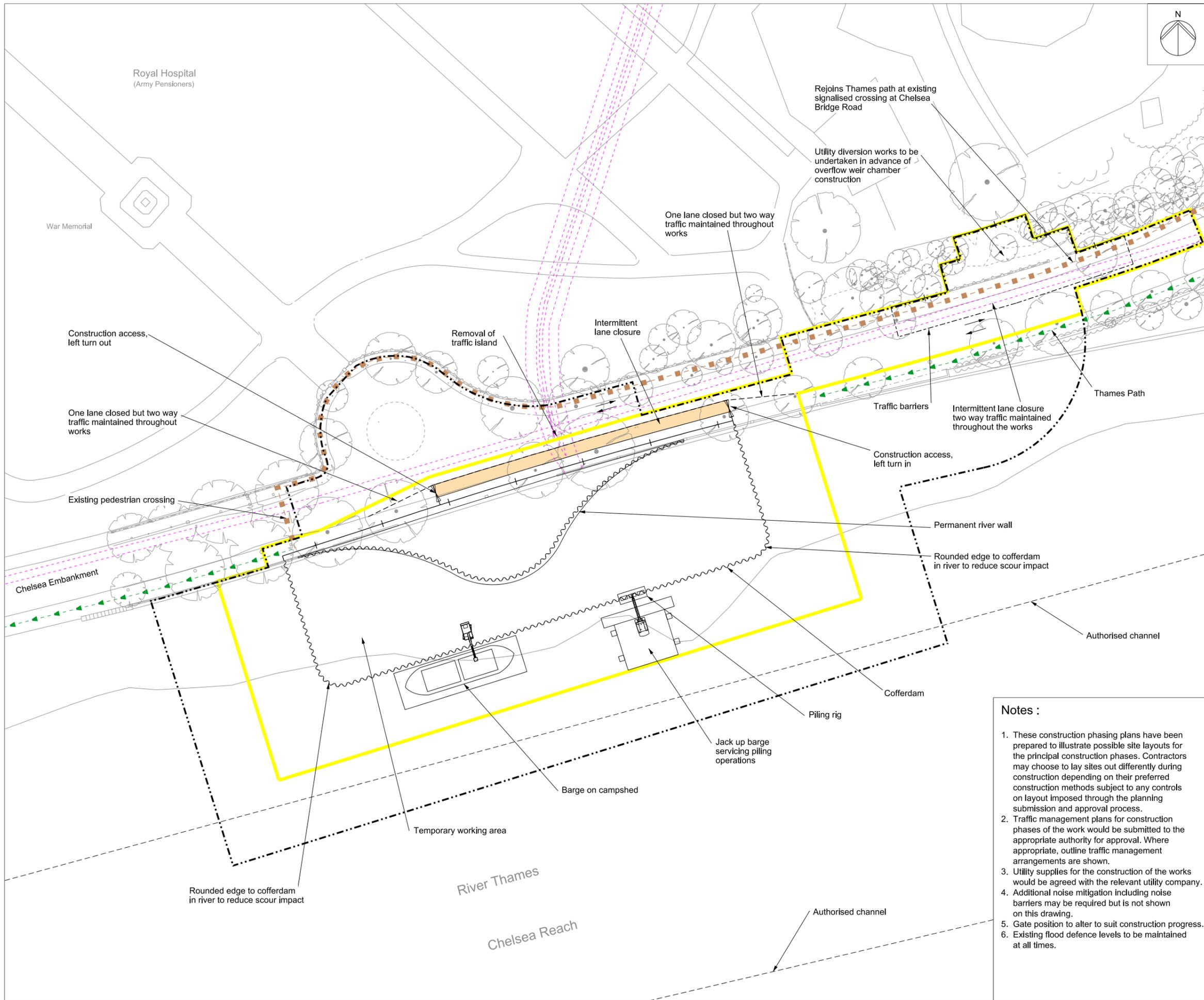
ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Typical river wall design intent

Book of plans - section 14
DCO-PP-12X-CHEEF-140018
January 2013





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Key:

	Limits of land to be acquired or used (LLAU)
	Hoarding
	Maximum extent of working area
	Existing public right of way
	Route of temporary diversion of right of way
	Site access
	Access / haul route
	Existing sewers
	Sheet piles



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

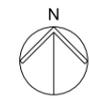
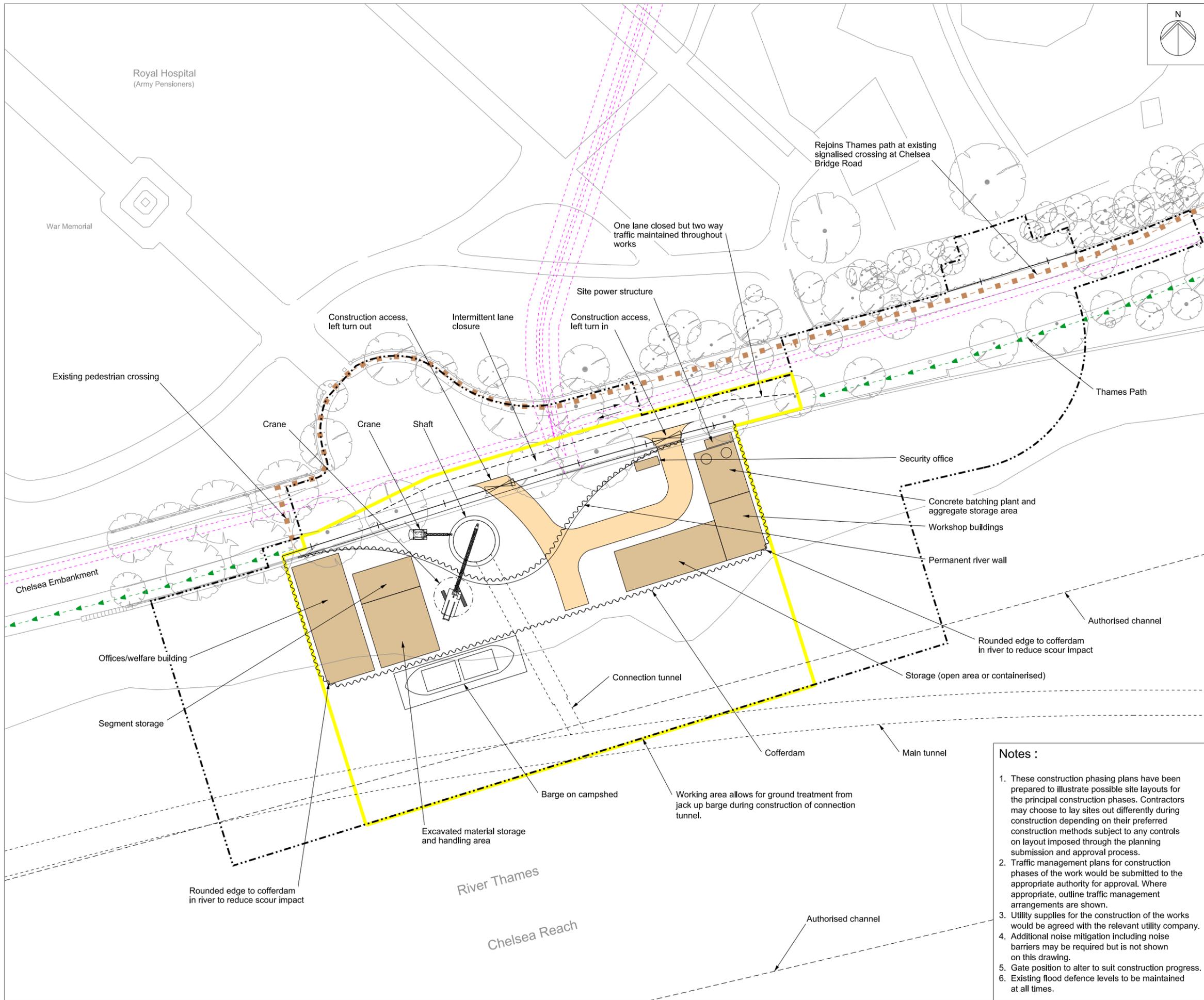
ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

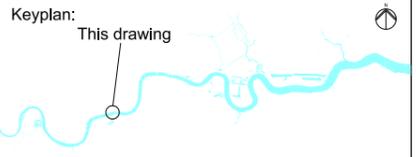
Document Information
Application for Development Consent
Construction phases - phase 1
Site setup
Book of plans - section 14
DCO-PP-12X-CHEEF-140019
January 2013



- Notes :**
1. These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay sites out differently during construction depending on their preferred construction methods subject to any controls on layout imposed through the planning submission and approval process.
 2. Traffic management plans for construction phases of the work would be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.
 3. Utility supplies for the construction of the works would be agreed with the relevant utility company.
 4. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.
 5. Gate position to alter to suit construction progress.
 6. Existing flood defence levels to be maintained at all times.



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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:**
- Limits of land to be acquired or used (LLAU)
 - Hoarding
 - Maximum extent of working area
 - Existing public right of way
 - Route of temporary diversion of right of way
 - Site access
 - Access / haul route
 - Existing sewers
 - Sheet piles



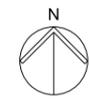
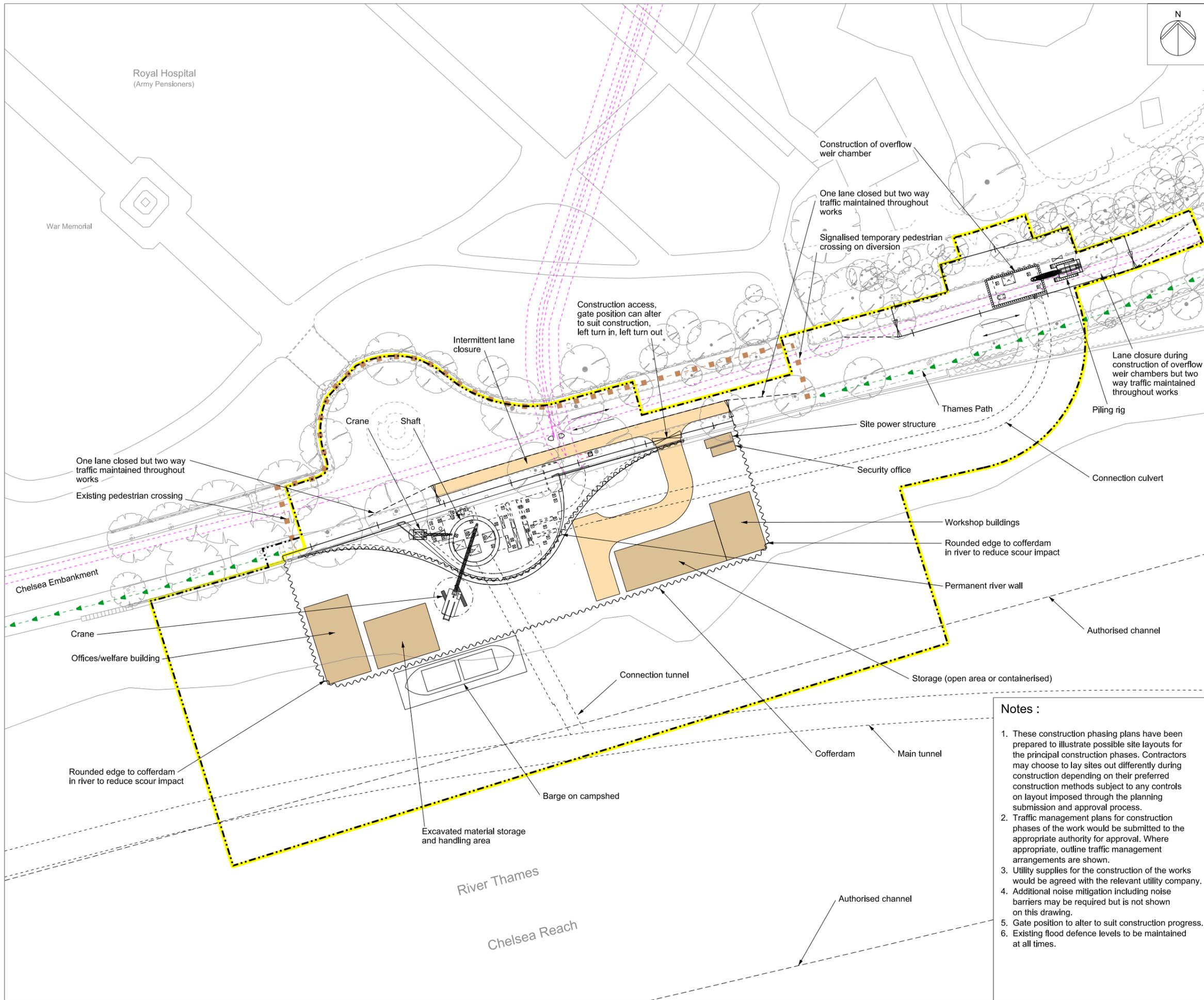
- Notes :**
- These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay sites out differently during construction depending on their preferred construction methods subject to any controls on layout imposed through the planning submission and approval process.
 - Traffic management plans for construction phases of the work would be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.
 - Utility supplies for the construction of the works would be agreed with the relevant utility company.
 - Additional noise mitigation including noise barriers may be required but is not shown on this drawing.
 - Gate position to alter to suit construction progress.
 - Existing flood defence levels to be maintained at all times.

ILLUSTRATIVE

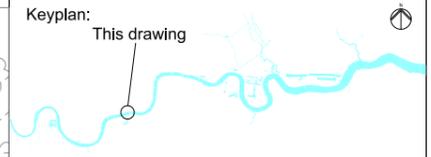
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Construction phases - phase 2
Shaft construction & tunnelling
Book of plans - section 14
DCO-PP-12X-CHEEF-140020
January 2013





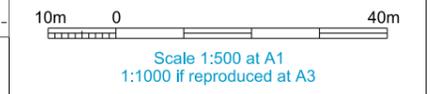
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Key:

	Limits of land to be acquired or used (LLAU)
	Hoarding
	Maximum extent of working area
	Existing public right of way
	Route of temporary diversion of right of way
	Site access
	Access / haul route
	Existing sewers
	Sheet piles



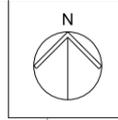
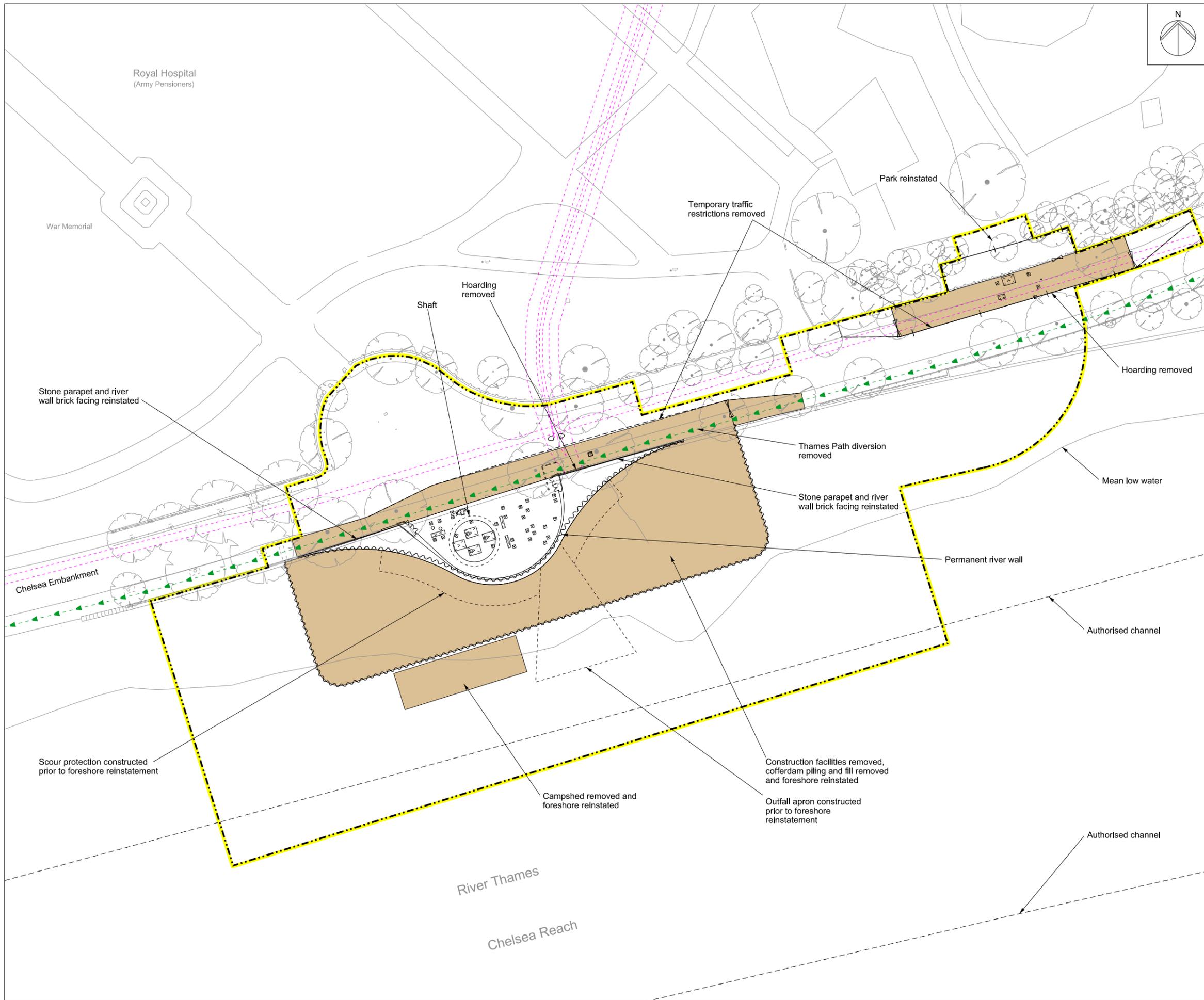
- Notes :**
1. These construction phasing plans have been prepared to illustrate possible site layouts for the principal construction phases. Contractors may choose to lay sites out differently during construction depending on their preferred construction methods subject to any controls on layout imposed through the planning submission and approval process.
 2. Traffic management plans for construction phases of the work would be submitted to the appropriate authority for approval. Where appropriate, outline traffic management arrangements are shown.
 3. Utility supplies for the construction of the works would be agreed with the relevant utility company.
 4. Additional noise mitigation including noise barriers may be required but is not shown on this drawing.
 5. Gate position to alter to suit construction progress.
 6. Existing flood defence levels to be maintained at all times.

ILLUSTRATIVE

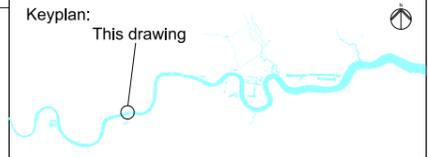
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Construction phases - phase 3
Construction of other structures
Book of plans - section 14
DCO-PP-12X-CHEEF-140021
January 2013



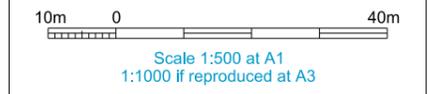


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Hoarding
 - Maximum extent of working area
 - Existing public right of way
 - Site access
 - Existing sewers
 - Sheet piles



ILLUSTRATIVE

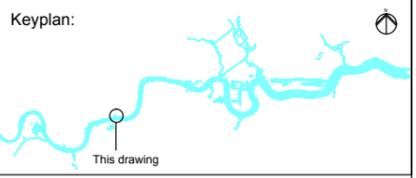
Location
Chelsea Embankment Foreshore
Royal Borough of Kensington & Chelsea

Document Information
Application for Development Consent
Construction phases - phase 4
Site demobilisation
Book of plans - section 14
DCO-PP-12X-CHEEF-140022
January 2013



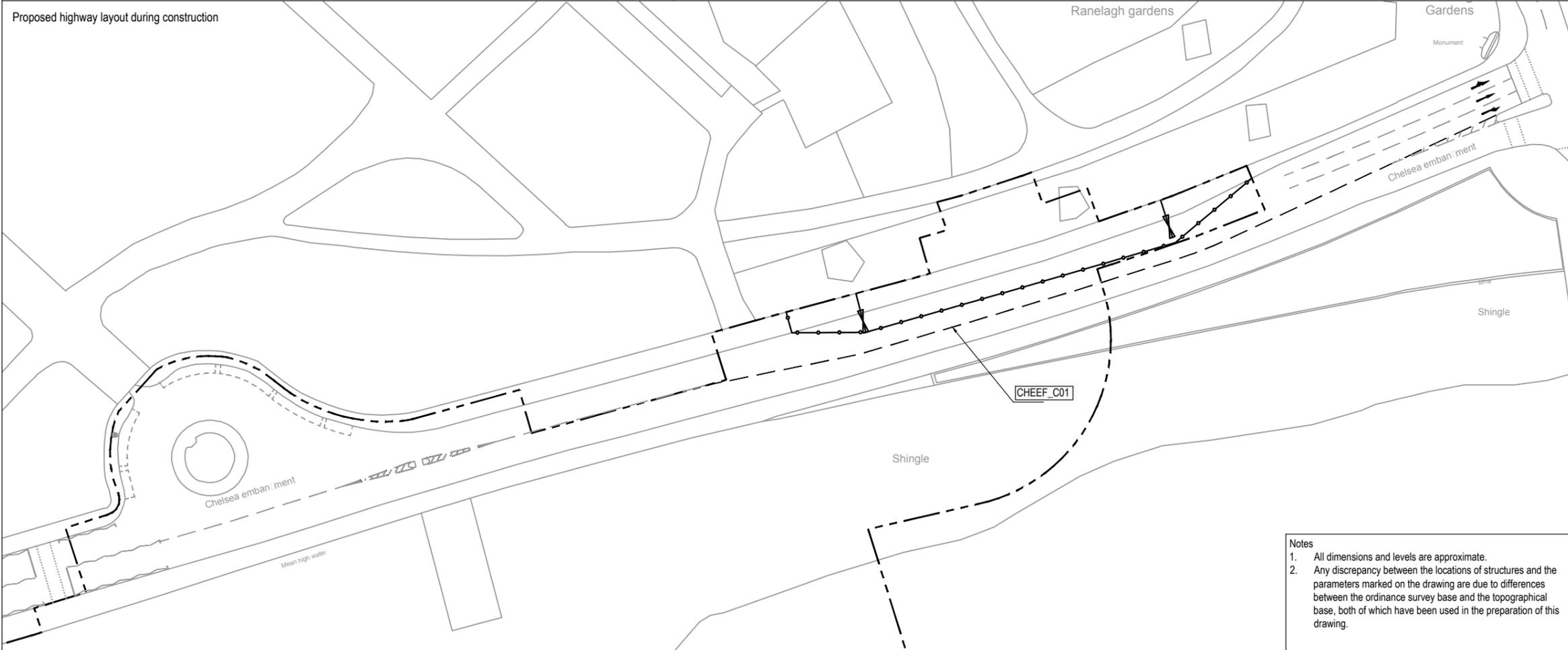


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

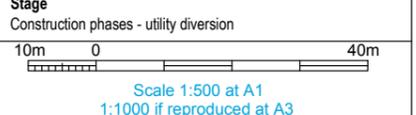
Key	
Existing	Revised
On street parking	L.L.A.U.
Bus stop / stand	See schedule of works
Pedestrian crossing	Traffic barrier
	Site access point



On street parking

Cycle lane	Permit holders
barclays cycle superhighways	resident permit holders only
mon - fri 7.00am - 7.00pm	mon - fri 8.30am - 10.00pm
cycle lane mon - fri 8.00am - 6.30pm	sat 8.30am - 1.30pm

- Standards**
- Design manual for roads and bridges, DfT, 1992
 - Traffic signs regulations & general directions, TSO, 2002
 - Traffic signs manual, DfT, 2006
 - Manual for streets, DfT, 2007
 - Manual for streets 2, CIHT, 2010
 - Designing for deliveries, Fta, 1998
 - Cycle infrastructure design Ltn 2/08, DfT, 2008
 - Design of pedestrian crossings Ltn 2/95, DfT, 1995
 - Guidance for the use of tactile paving, DfT, 1998
 - Accessible bus stop design guidance, TfL, 2006



ILLUSTRATIVE

Location
Chelsea Embankment Foreshore
RB Kensington and Chelsea

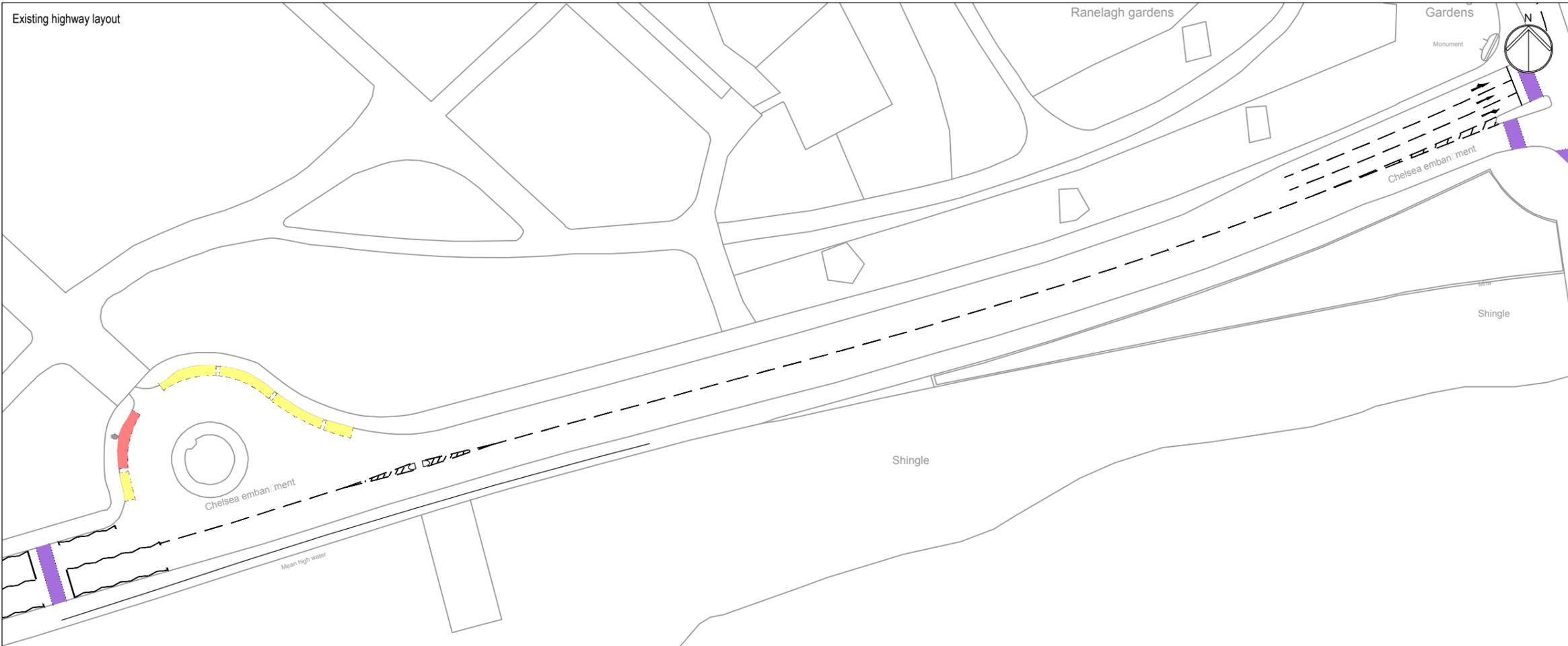
Document Information
Application for Development Consent
Highway layout during construction
(Utility diversion phase)

DCO-PP-12X-CHEEF-140027
January 2013

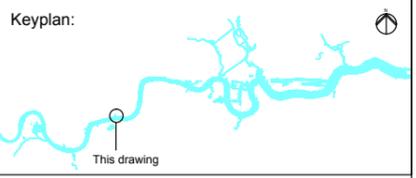
Creating a cleaner, healthier River Thames

Notes

1. All dimensions and levels are approximate.
2. Any discrepancy between the locations of structures and the parameters marked on the drawing are due to differences between the ordnance survey base and the topographical base, both of which have been used in the preparation of this drawing.

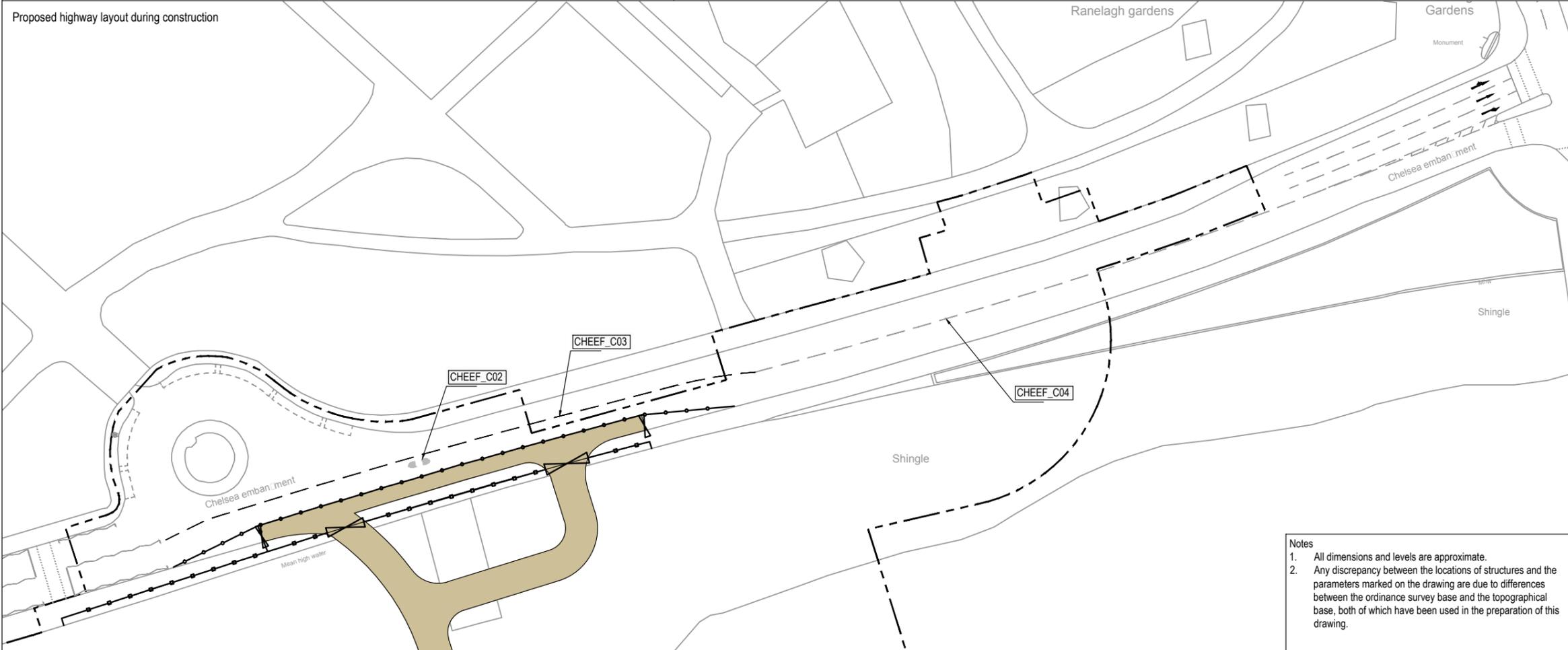


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Key	
Existing	Revised
On street parking	L.L.A.U.
Bus stop / stand	See schedule of works
Pedestrian crossing	Traffic barrier
	Site access point
	Site hoarding



On street parking

Permit holder
 permit holders only
 mon - fri 8:30am - 10.00pm
 sat - 8.30am - 1.30pm

Standards

- Design manual for roads and bridges, Dft, 1992
- Traffic signs regulations & general directions, TSO, 2002
- Traffic signs manual, Dft, 2006
- Manual for streets, Dft, 2007
- Manual for streets 2, CiHT, 2010
- Designing for deliveries, Fta, 1998
- Cycle infrastructure design Ltn 2/08, Dft, 2008
- Design of pedestrian crossings Ltn 2/95, Dft, 1995
- Guidance for the use of tactile paving, Dft, 1998
- Accessible bus stop design guidance, TfL, 2006

Stage

Construction phases



ILLUSTRATIVE

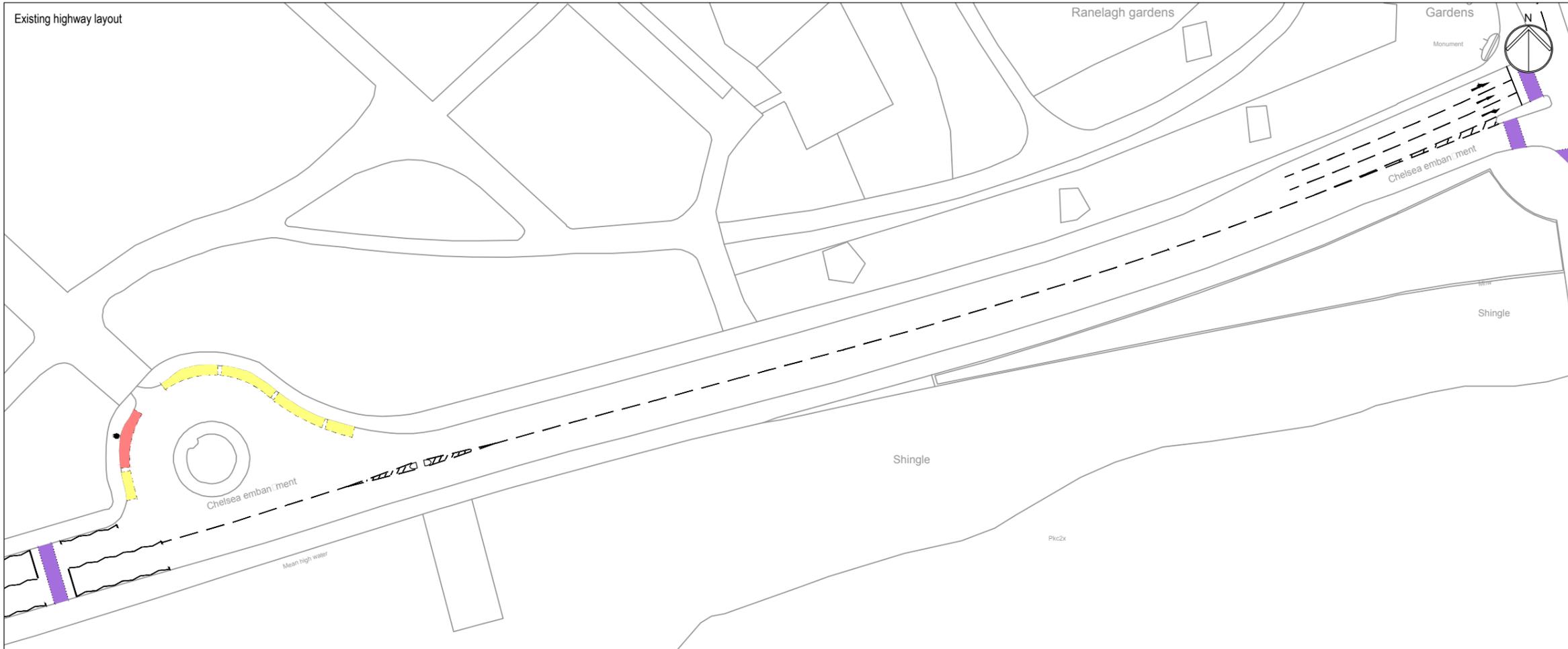
Location
 Chelsea Embankment Foreshore
 RB Kensington and Chelsea

Document Information
 Application for Development Consent
 Highway layout during construction
 Phase 1 - 2

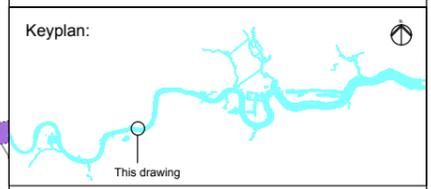
DCO-PP-12X-CHEEF-140028
 January 2013



Notes
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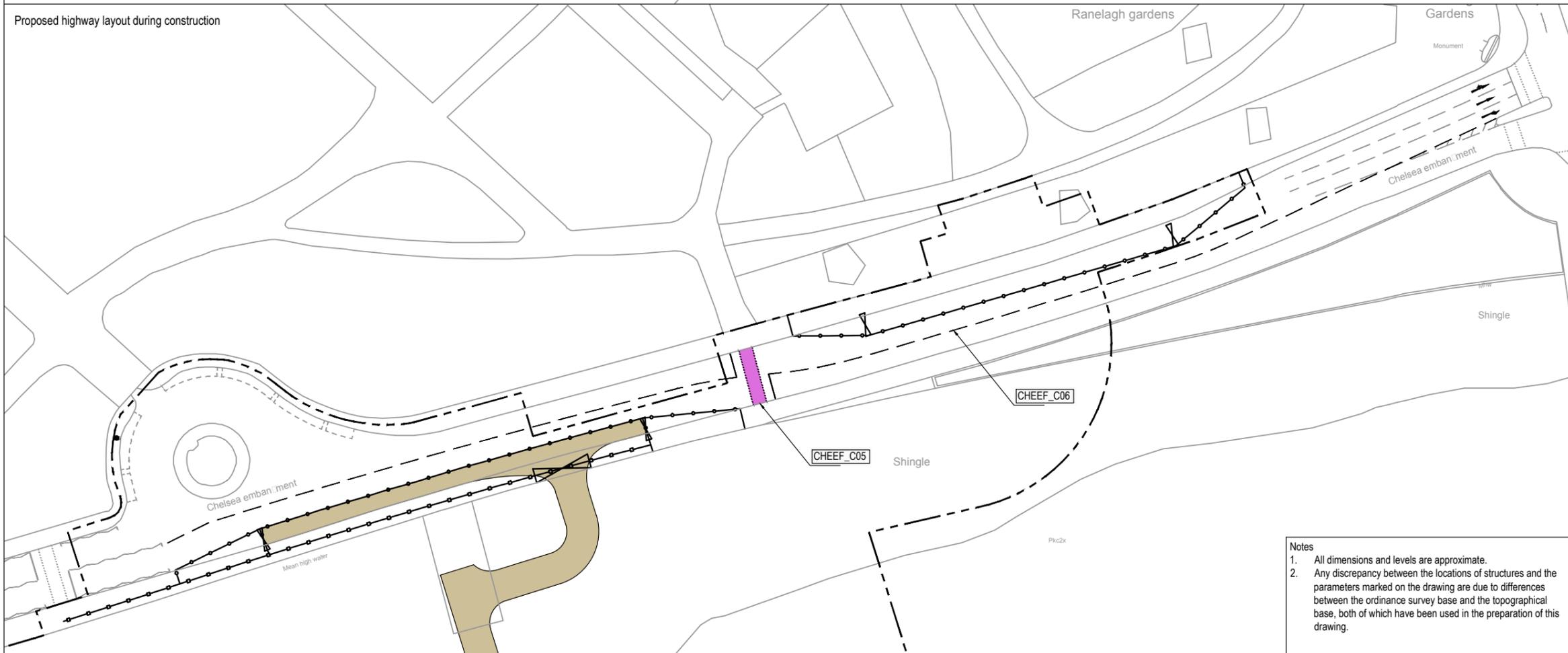


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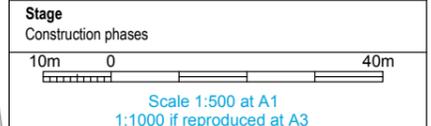
- Key**
- Existing**
- On street parking
 - Bus stop / stand
 - Pedestrian crossing
- Revised**
- L.L.A.U.
 - Site hoarding
 - See schedule of works
 - Temporary pedestrian crossing
 - Illustrative on-site manoeuvring zone
 - Traffic barrier
 - Site access point



On street parking

Permit holder
 permit holders only
 mon - fri 8:30am - 10.00pm
 sat - 8.30am - 1.30pm

- Standards**
- Design manual for roads and bridges, Dft, 1992
 - Traffic signs regulations & general directions, TSO, 2002
 - Traffic signs manual, Dft, 2006
 - Manual for streets, Dft, 2007
 - Manual for streets 2, CiHT, 2010
 - Designing for deliveries, Fta, 1998
 - Cycle infrastructure design Ltn 2/08, Dft, 2008
 - Design of pedestrian crossings Ltn 2/95, Dft, 1995
 - Guidance for the use of tactile paving, Dft, 1998
 - Accessible bus stop design guidance, TfL, 2006



ILLUSTRATIVE

Location
 Chelsea Embankment Foreshore
 RB Kensington and Chelsea

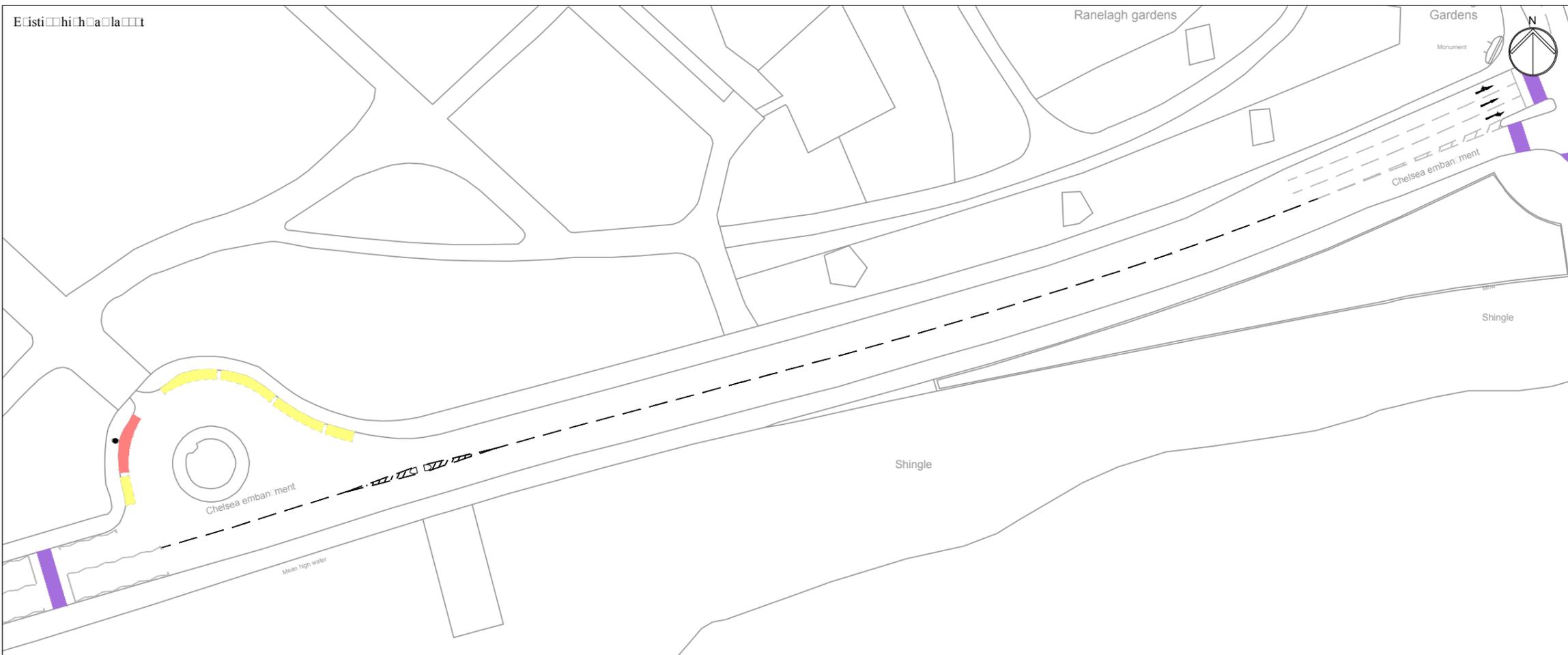
Document Information
 Application for Development Consent
 Highway layout during construction
 Phase 3

DCO-PP-12X-CHEEF-140029
 January 2013

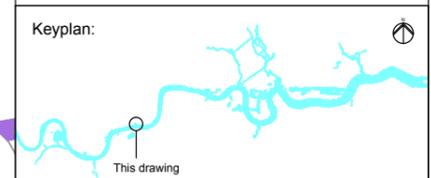
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Notes

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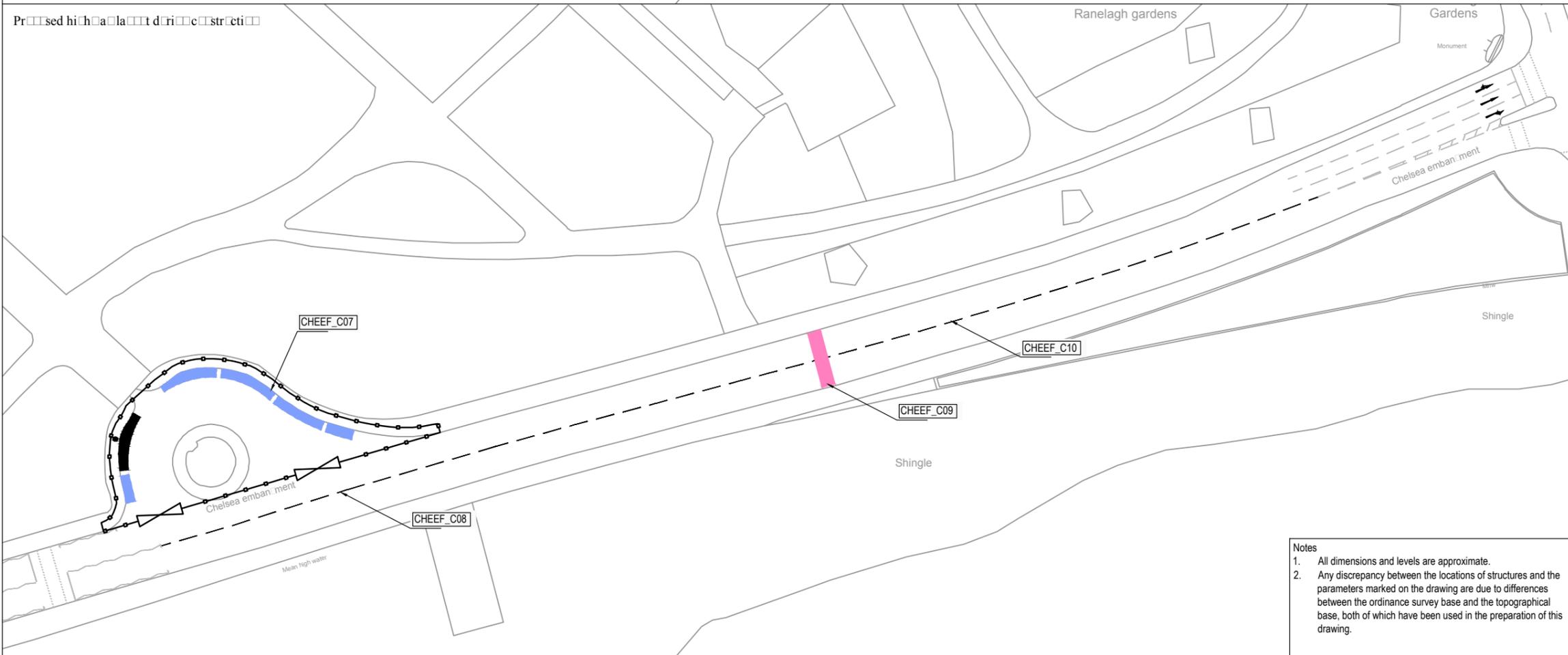


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- Key**
- Existing
- On street parking
 - Bus stop / stand
 - Pedestrian crossing
- Revised
- LL.A.U.
 - See schedule of works
 - Temporary pedestrian crossing
 - Traffic barrier
 - Site access point
 - Temporary parking restriction
 - Temporary bus stop restriction
 - Removed pedestrian crossing



On street parking

Permit holder
 permit holders only
 mon - fri 8.30am - 10.00pm
 sat - 8.30am - 1.30pm

- Standards**
- Design manual for roads and bridges, Dft, 1992
 - Traffic signs regulations & general directions, TSO, 2002
 - Traffic signs manual, Dft, 2006
 - Manual for streets, Dft, 2007
 - Manual for streets 2, CIHT, 2010
 - Designing for deliveries, Fta, 1998
 - Cycle infrastructure design Ltn 2/08, Dft, 2008
 - Design of pedestrian crossings Ltn 2/95, Dft, 1995
 - Guidance for the use of tactile paving, Dft, 1998
 - Accessible bus stop design guidance, TfL, 2006

Stage
 Construction phases

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

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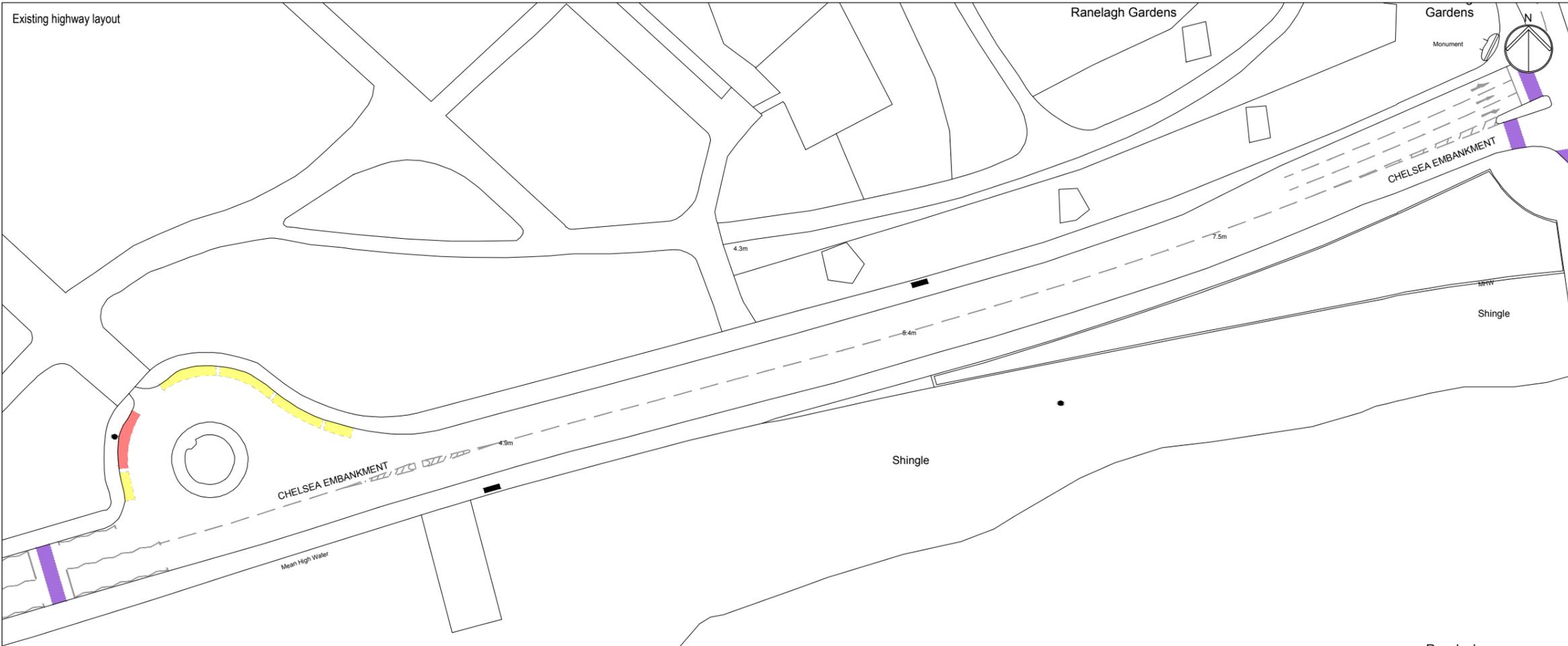
Location
 Chelsea Embankment Foreshore
 RB Kensington and Chelsea

Document Information
 Application for Development Consent
 Highway layout during construction
 Bullring resurfacing

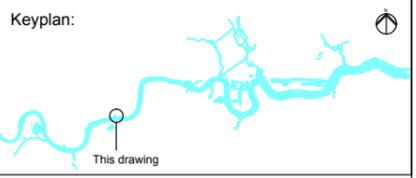
DCO-PP-12X-CHEEF-140030
 January 2013

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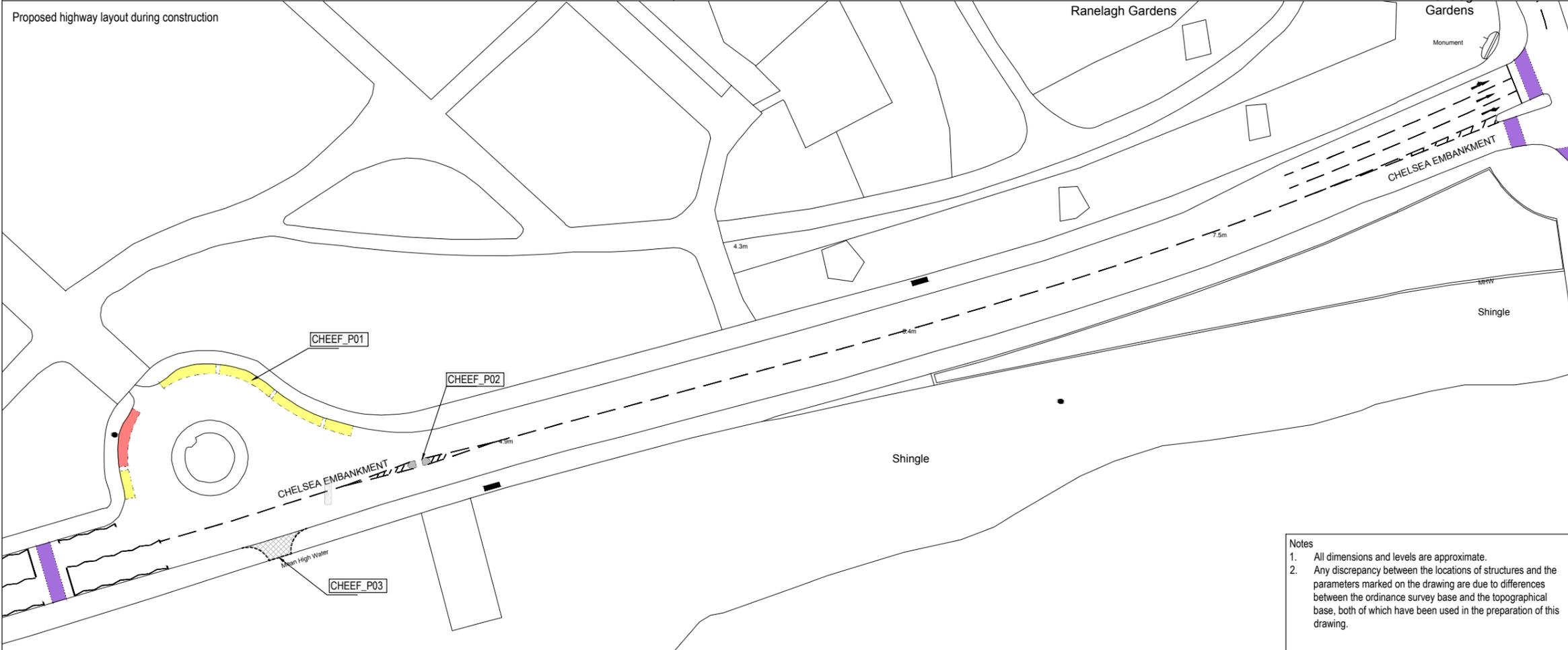


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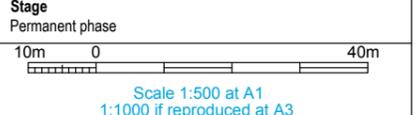
- Key**
- Existing**
- On street parking
 - Bus stop / stand
 - Pedestrian crossing
- Revised**
- See schedule of works
 - Pedestrian refuge
 - Strengthen footway / vehicle crossover area



On street parking

Permit holder
 permit holders only
 mon - fri 8:30am - 10.00pm
 sat - 8.30am - 1.30pm

- Standards**
- Design manual for roads and bridges, Dft, 1992
 - Traffic signs regulations & general directions, TSO, 2002
 - Traffic signs manual, Dft, 2006
 - Manual for streets, Dft, 2007
 - Manual for streets 2, CIHT, 2010
 - Designing for deliveries, Fta, 1998
 - Cycle infrastructure design Ltn 2/08, Dft, 2008
 - Design of pedestrian crossings Ltn 2/95, Dft, 1995
 - Guidance for the use of tactile paving, Dft, 1998
 - Accessible bus stop design guidance, TfL, 2006



ILLUSTRATIVE

Location
 Chelsea Embankment Foreshore
 RB Kensington and Chelsea

Document Information
 Application for Development Consent
 Permanent highway layout

DCO-PP-12X-CHEEF-140031
 January 2013



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