

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Book of Plans

Doc Ref: **2.15**

Kirtling Street

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

Hard copy available in
Box **61** Folder **C**
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

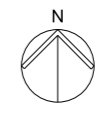
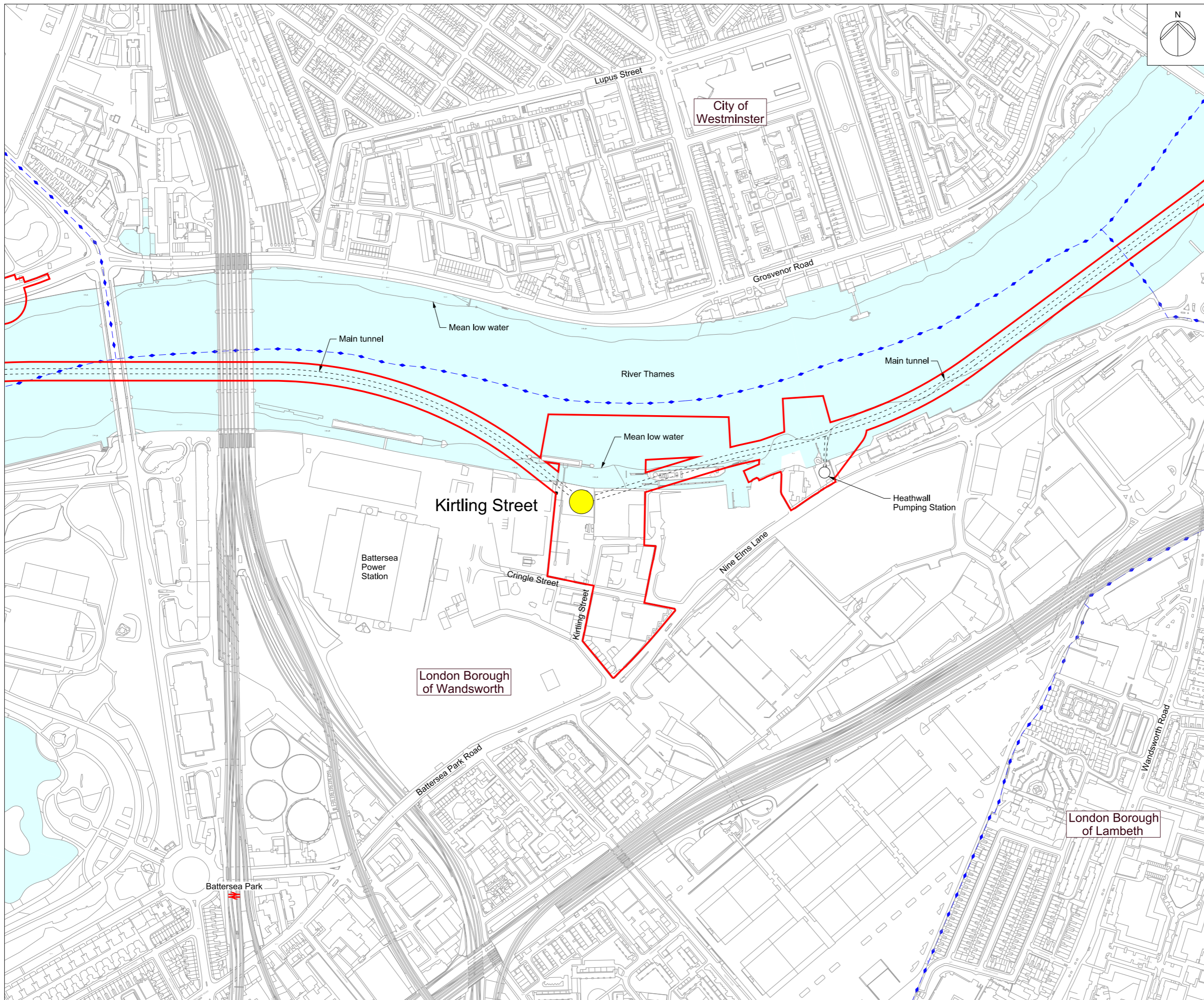
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Volume 3

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Highway layout during construction (Area 1) Ph 1 - 3 (With Battersea PS)*		DCO-PP-13X-KRTST-150022
Permanent highway layout - Area 1 work*		DCO-PP-13X-KRTST-150023
Permanent highway layout - Area 1 work (With Battersea PS)*		DCO-PP-13X-KRTST-150024

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



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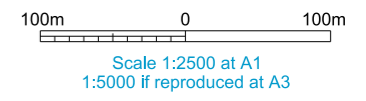


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

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

Notes:

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



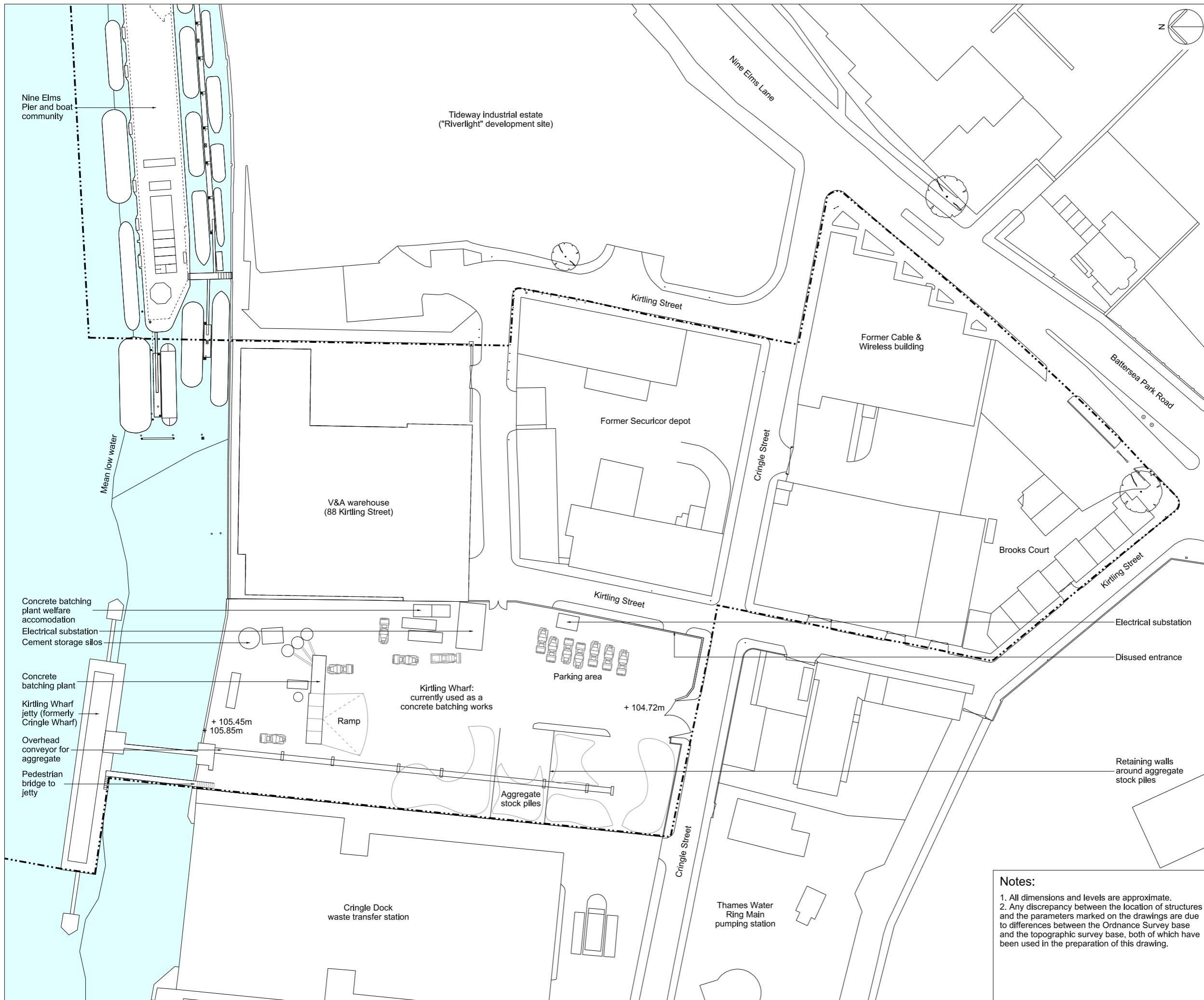
FOR INFORMATION

Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Location plan

Book of plans - section 15
 DCO-PP-13X-KRTST-150001
 January 2013



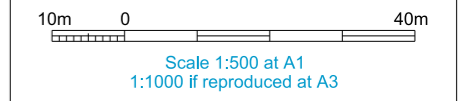


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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - + 105.40m Existing levels (shown in metres above tunnel datum)
 - ⊙ Existing trees within surveyed area (trunk sizes vary)



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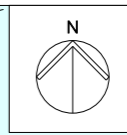
Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 As existing
 Site features plan
 Book of plans - section 15
 DCO-PP-13X-KRTST-150002
 January 2013

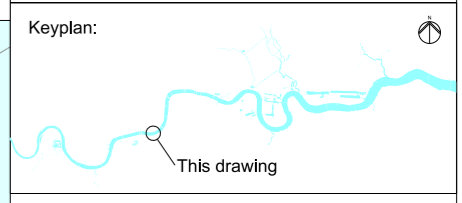
Notes:

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.





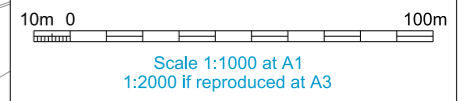
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- 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
 - Ap ● Access to permanent works
 - Ac ● Access to construction works

- Notes:**
1. This plan does not show stopping up and diversions of limited duration (e.g. hoarding erection, minor utility diversions and minor highway works).
 2. Only rights of way in or close to worksites are shown. The full extents of rights of way are not shown where they cease to be relevant to the project.
 3. This drawing shows the LLAU associated with the Kirtling Street site only.



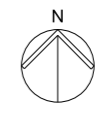
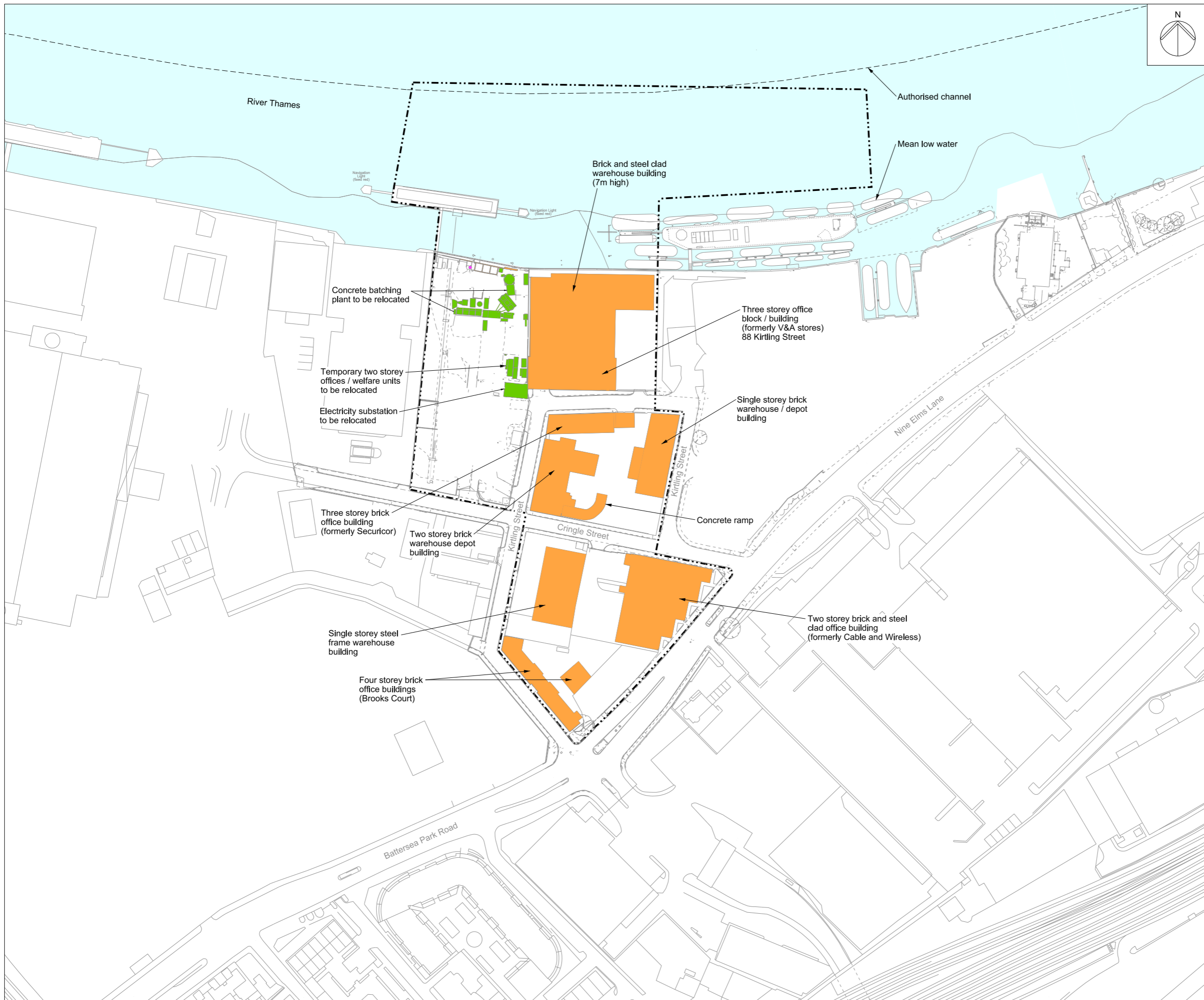
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Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Access plan

Book of plans - section 15
DCO-PP-13X-KRTST-150003
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



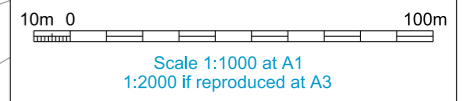
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - 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.



FOR APPROVAL

Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Demolition and site clearance

Book of plans - section 15
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January 2013



Table 1

Above ground permanent structure	Maximum height above finished ground level (Minimum heights are in brackets where applicable)
Combined ventilation column(s) and electrical and control kiosk(s)	6.0m (4.0m)
Water tanks and wedge pit	10.0m
Aggregate storage bins, cement silos, concrete plant, water tanks, wedge pit, conveyor, blowing shed and hopper.	30.0m
Tanks, bays and substation.	5.0m
Offices and welfare , blowing shed.	5.0m

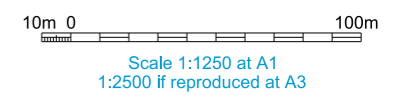
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Zone within which 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)

- 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.

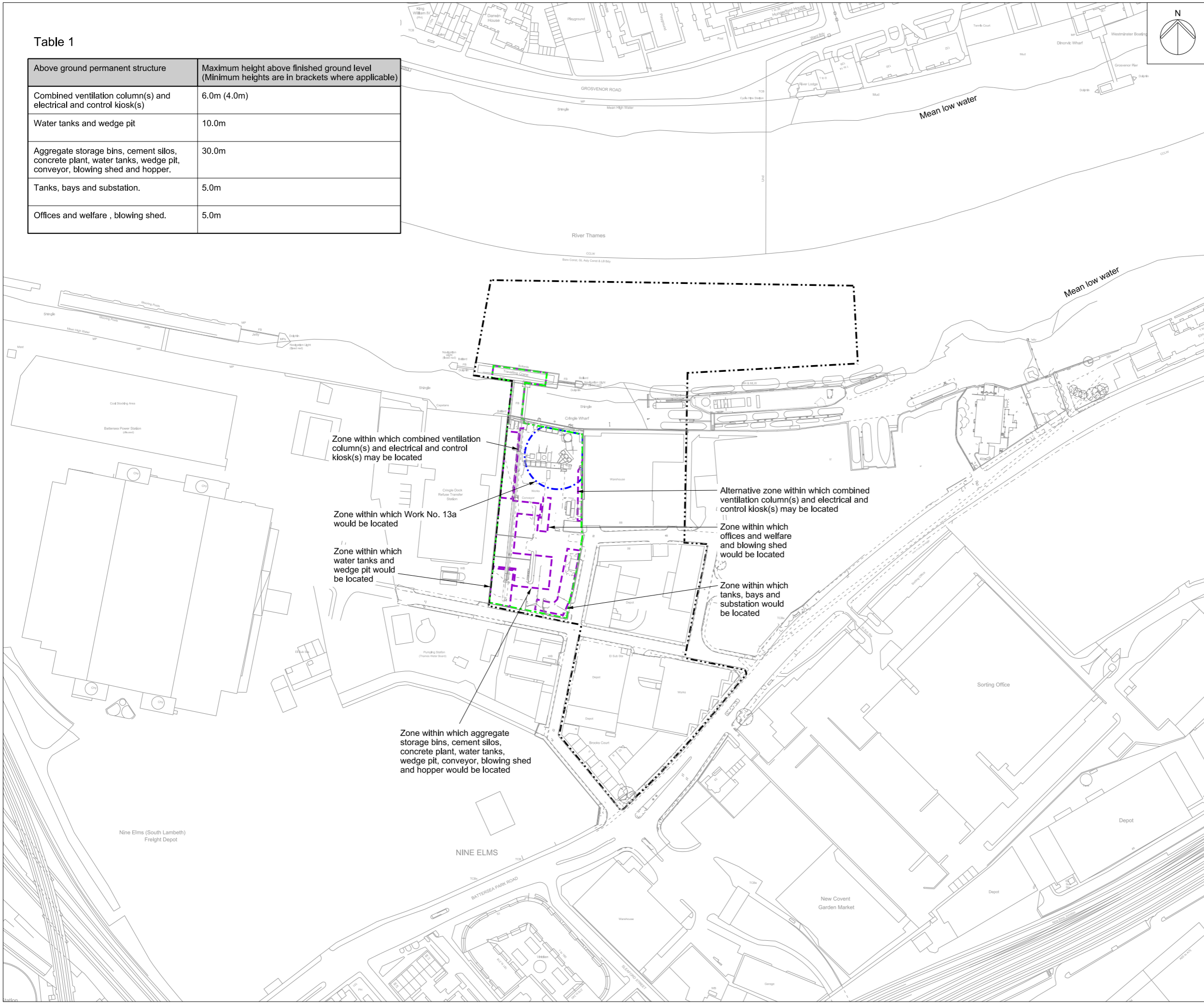


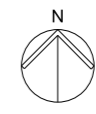
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Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Site works parameter plan

Book of plans - section 15
 DCO-PP-13X-KRTST-150005
 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

- 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 plan.
 3. The zone within which the shaft would be located would include all permanent works including shaft walls (including appropriate allowances for construction tolerances) and if applicable under-reaming. Shaft construction temporary works may be located within or outside this zone provided they are located within the Limits of land to be acquired or used.

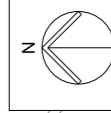
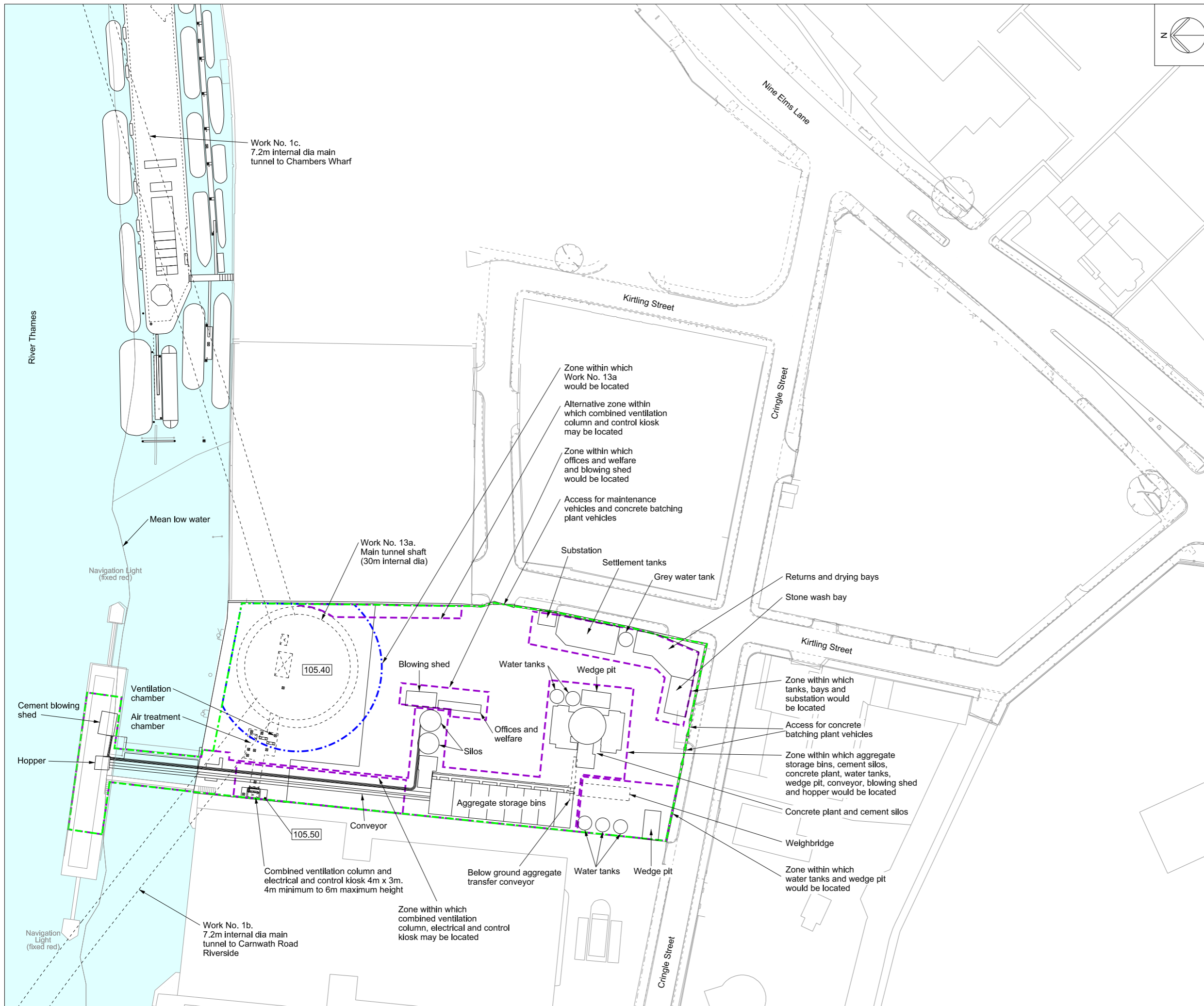
FOR INFORMATION

Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Site works parameter key plan

Book of plans - section 15
 DCO-PP-13X-KRTST-150006
 January 2013





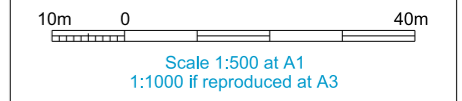
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Proposed access cover
 - Proposed level (shown in metres above tunnel datum)
 - Zone within which all permanent site structures would be located
 - Zone within which the shaft would be located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



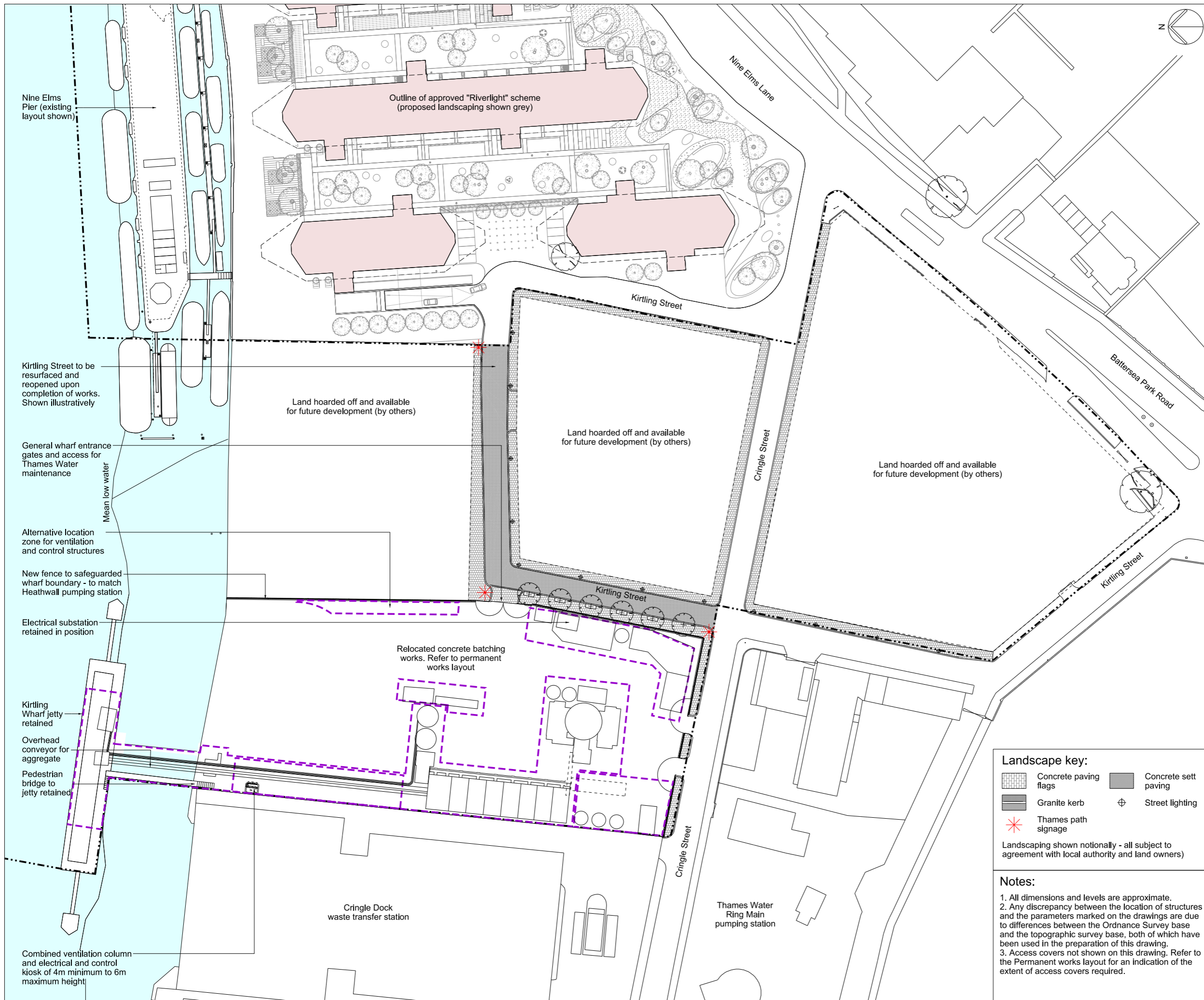
ILLUSTRATIVE

Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Permanent works layout

Book of plans - section 15
DCO-PP-13X-KRTST-150007
January 2013





Nine Elms Pier (existing layout shown)

Outline of approved "Riverlight" scheme (proposed landscaping shown grey)

Nine Elms Lane

Kirtling Street

Kirtling Street to be resurfaced and reopened upon completion of works. Shown illustratively

Land hoarded off and available for future development (by others)

Land hoarded off and available for future development (by others)

General wharf entrance gates and access for Thames Water maintenance

Land hoarded off and available for future development (by others)

Battersea Park Road

Alternative location zone for ventilation and control structures

New fence to safeguard wharf boundary - to match Heathwall pumping station

Electrical substation retained in position

Relocated concrete batching works. Refer to permanent works layout

Kirtling Wharf jetty retained

Overhead conveyor for aggregate

Pedestrian bridge to jetty retained

Combined ventilation column and electrical and control kiosk of 4m minimum to 6m maximum height

Cringle Dock waste transfer station

Thames Water Ring Main pumping station

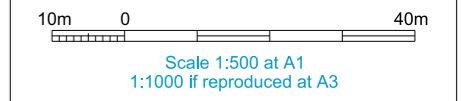
Cringle Street

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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
 - Consented development footprint (by others)
 - Existing trees within surveyed area (trunk sizes vary)
 - Proposed trees



- Landscape key:**
- Concrete paving flags
 - Concrete sett paving
 - Granite kerb
 - Street lighting
 - Thames path signage
- Landscaping shown notionally - all subject to agreement with local authority and land owners)

- 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. Access covers not shown on this drawing. Refer to the Permanent works layout for an indication of the extent of access covers required.

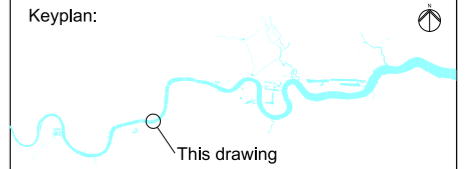
INDICATIVE
Save for layout of above ground structures which is illustrative

Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Proposed Landscape plan
Book of plans - section 15
DCO-PP-13X-KRTST-150008
January 2013



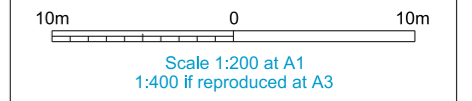
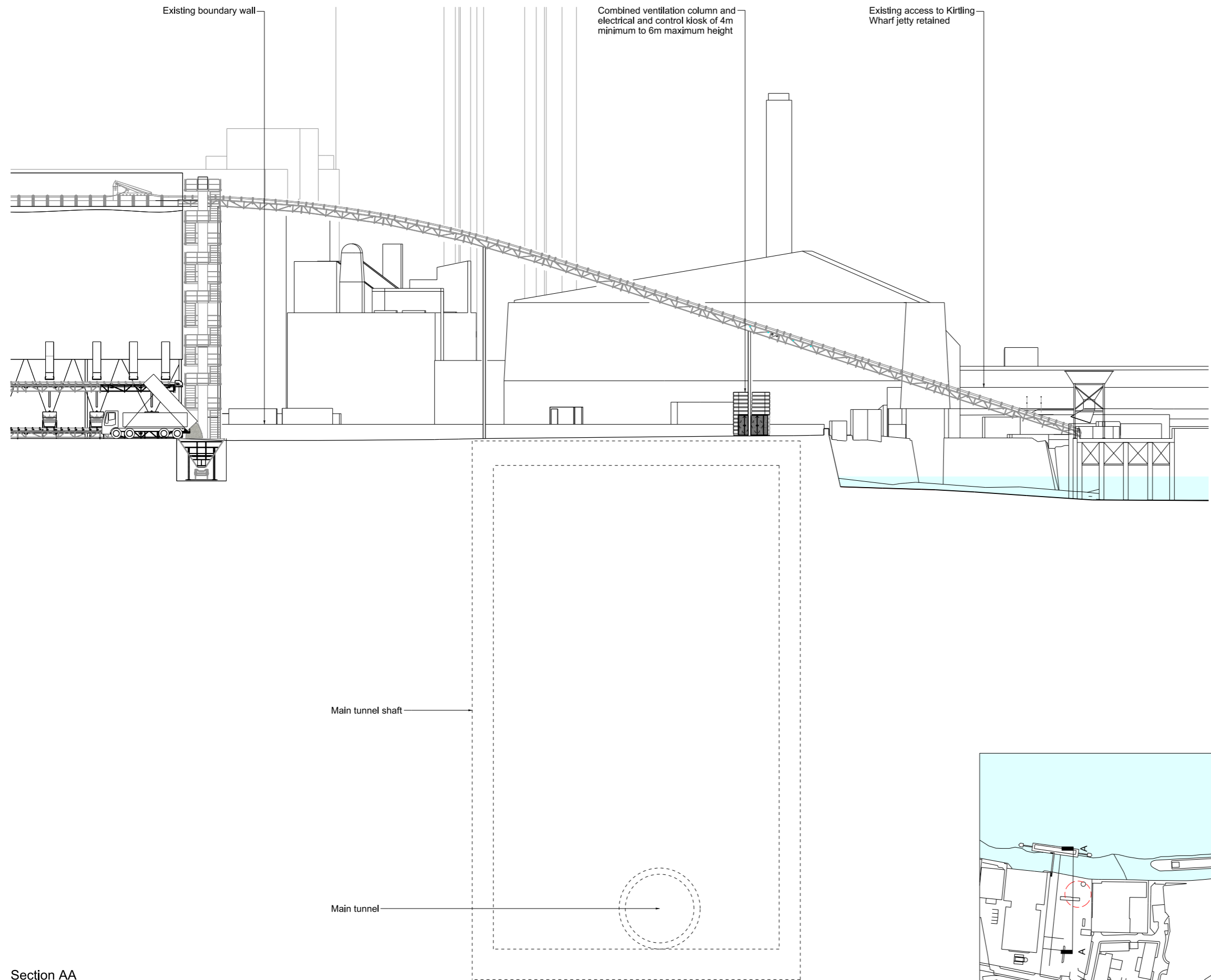
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Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

Notes:

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

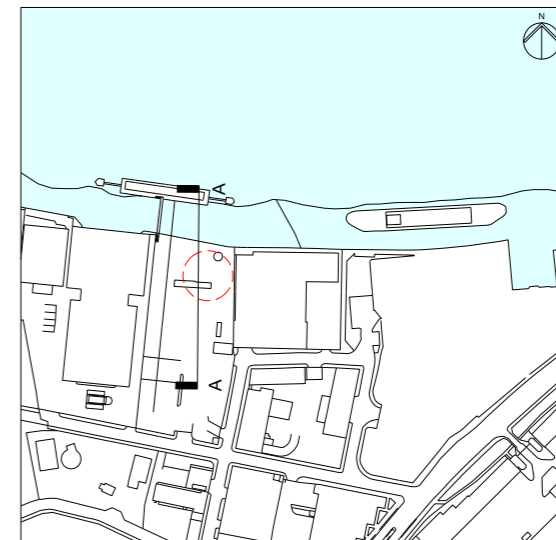


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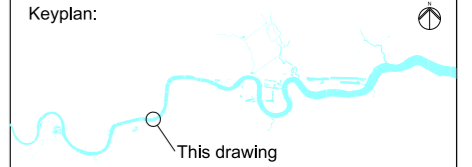
Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Section AA

Book of plans - section 15
DCO-PP-13X-KRTST-150009
January 2013

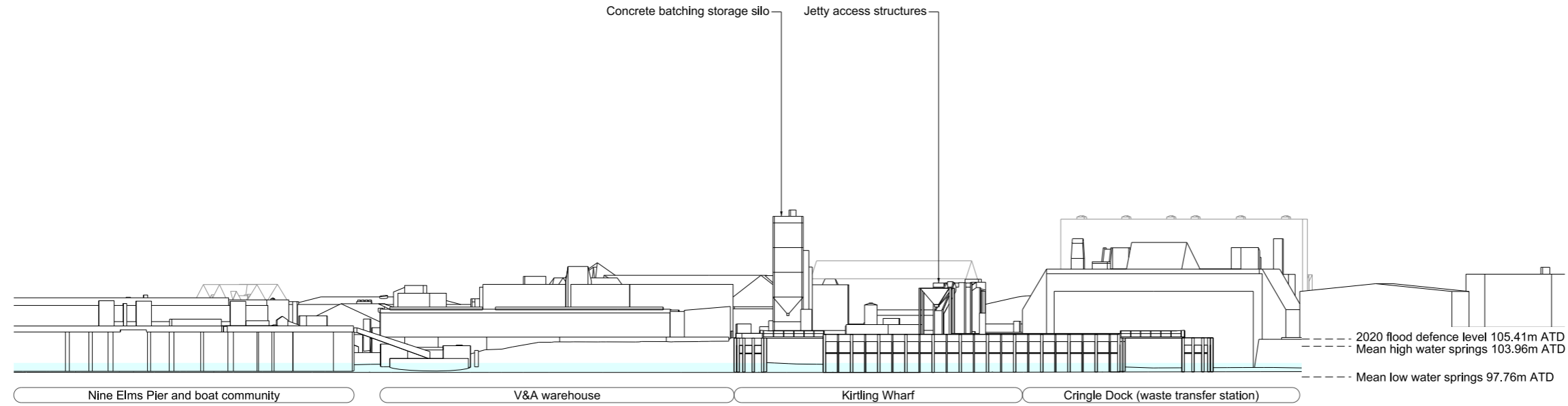


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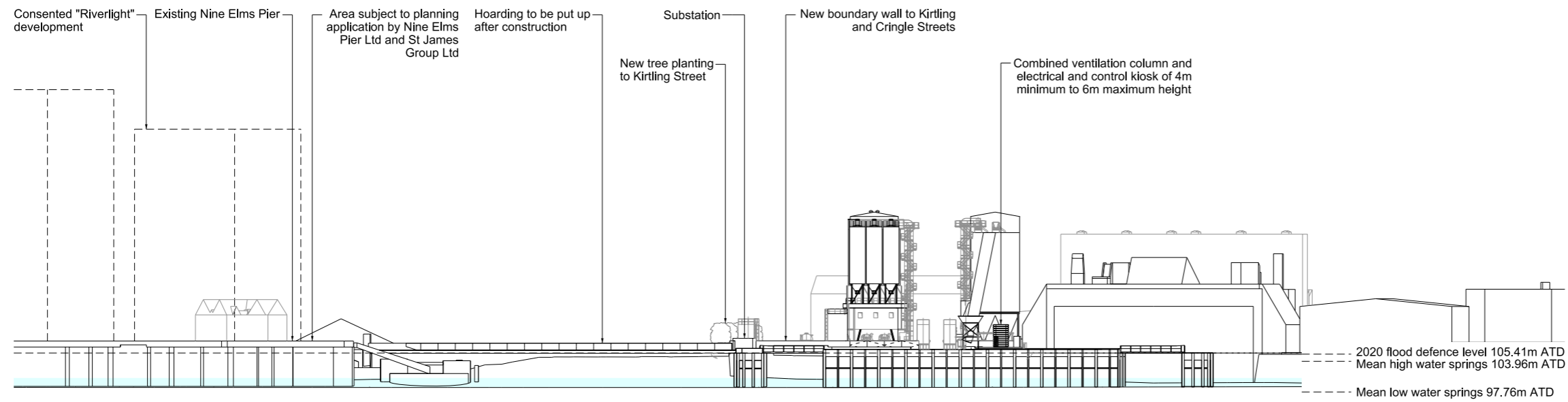


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

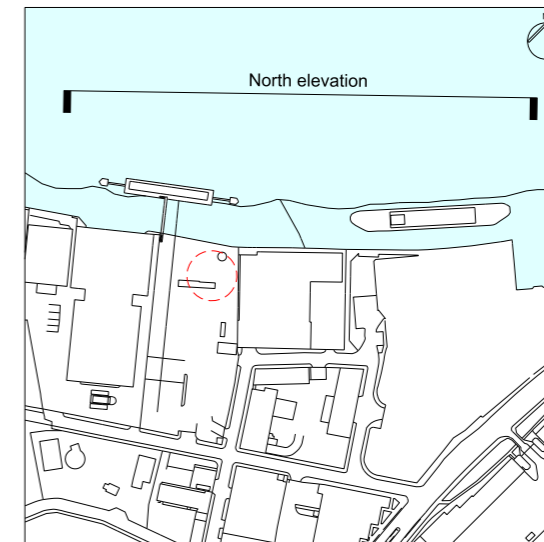
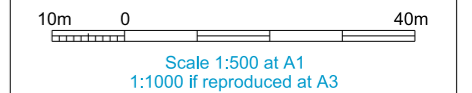
Notes:
1. All dimensions and levels are approximate.



As existing North elevation



Proposed North elevation

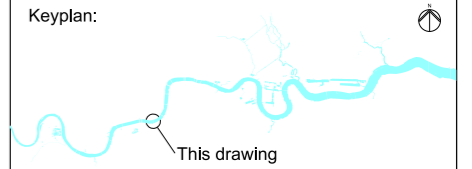


ILLUSTRATIVE

Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
As existing & proposed
North elevation
Book of plans - section 15
DCO-PP-13X-KRTST-150010
January 2013

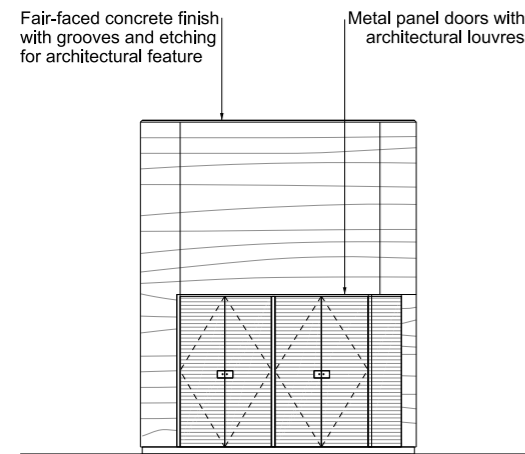




Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

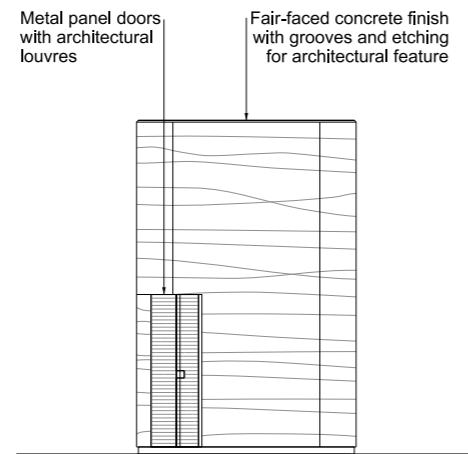
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1. All dimensions and levels are approximate.



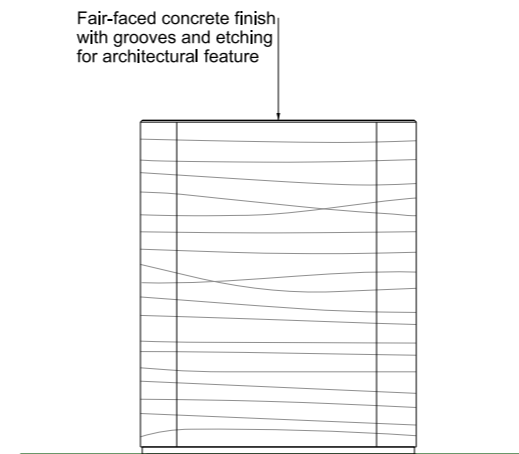
East elevation

Scale 1:50



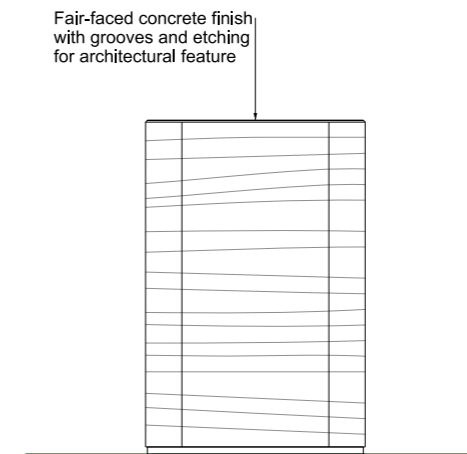
North elevation

Scale 1:50



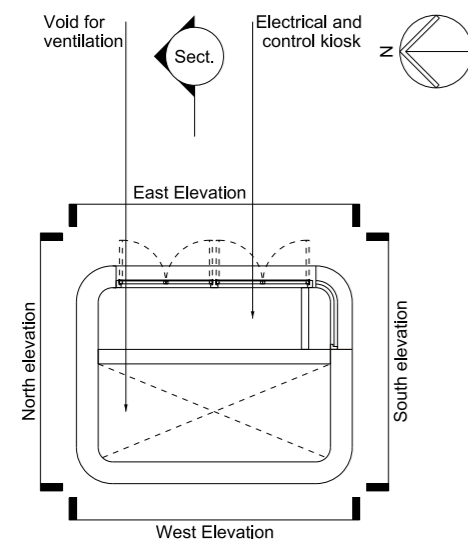
West elevation

Scale 1:50



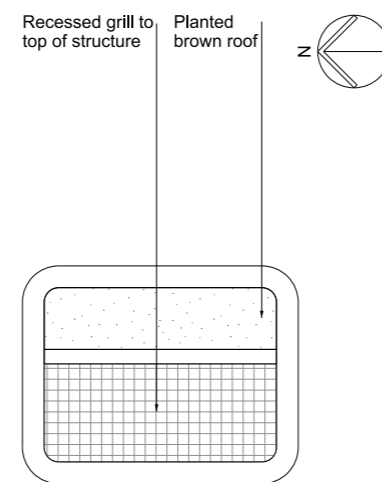
North elevation

Scale 1:50



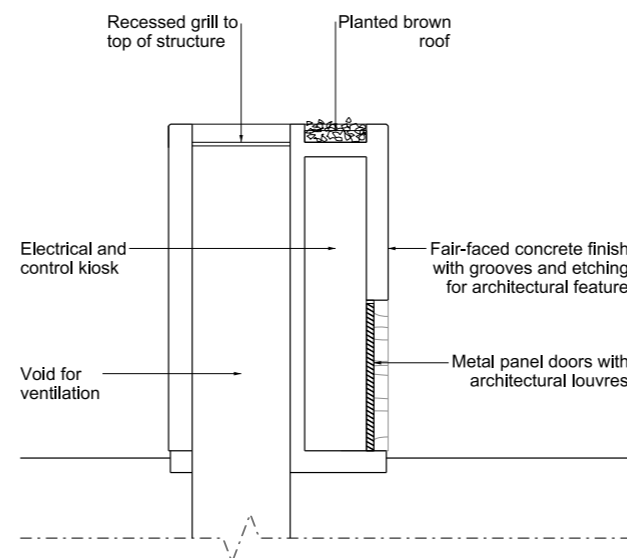
Floor plan

Scale 1:50



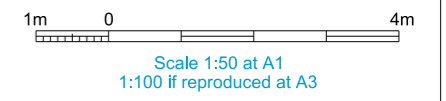
Roof plan

Scale 1:50



Section

Scale 1:50



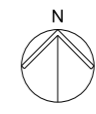
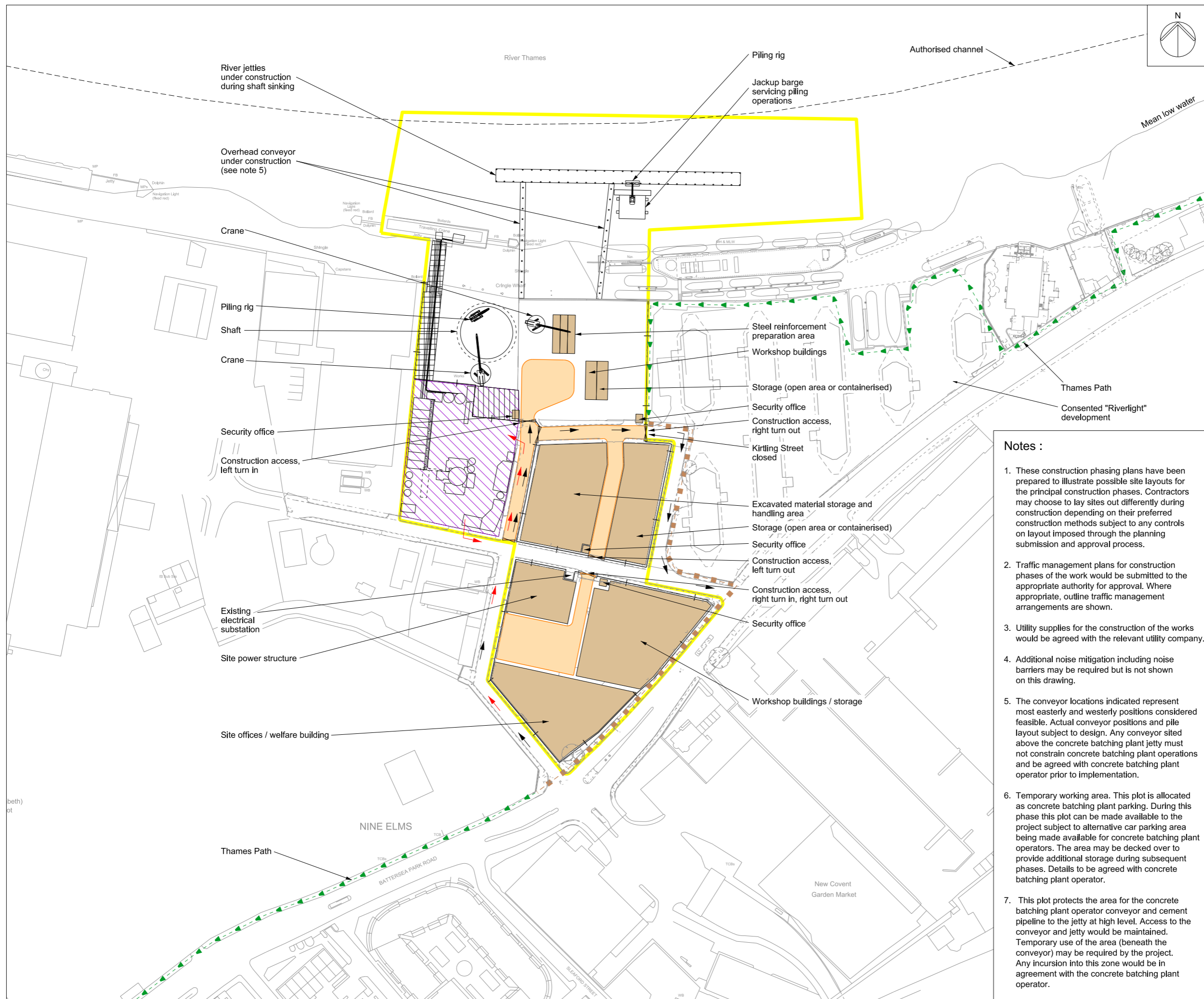
ILLUSTRATIVE

Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent

Kiosk and ventilation column
 Design intent
 Book of plans - section 15
 DCO-PP-13X-KRTST-150011
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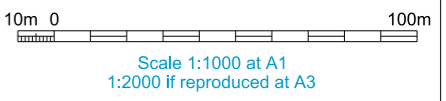


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- 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
 - Concrete batching plant site
 - Project traffic
 - Concrete batching plant traffic (others)
 - See note 6 for details of this plot
 - See note 7 for details of this plot

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. The conveyor locations indicated represent most easterly and westerly positions considered feasible. Actual conveyor positions and pile layout subject to design. Any conveyor sited above the concrete batching plant jetty must not constrain concrete batching plant operations and be agreed with concrete batching plant operator prior to implementation.
6. Temporary working area. This plot is allocated as concrete batching plant parking. During this phase this plot can be made available to the project subject to alternative car parking area being made available for concrete batching plant operators. The area may be decked over to provide additional storage during subsequent phases. Details to be agreed with concrete batching plant operator.
7. This plot protects the area for the concrete batching plant operator conveyor and cement pipeline to the jetty at high level. Access to the conveyor and jetty would be maintained. Temporary use of the area (beneath the conveyor) may be required by the project. Any incursion into this zone would be in agreement with the concrete batching plant operator.

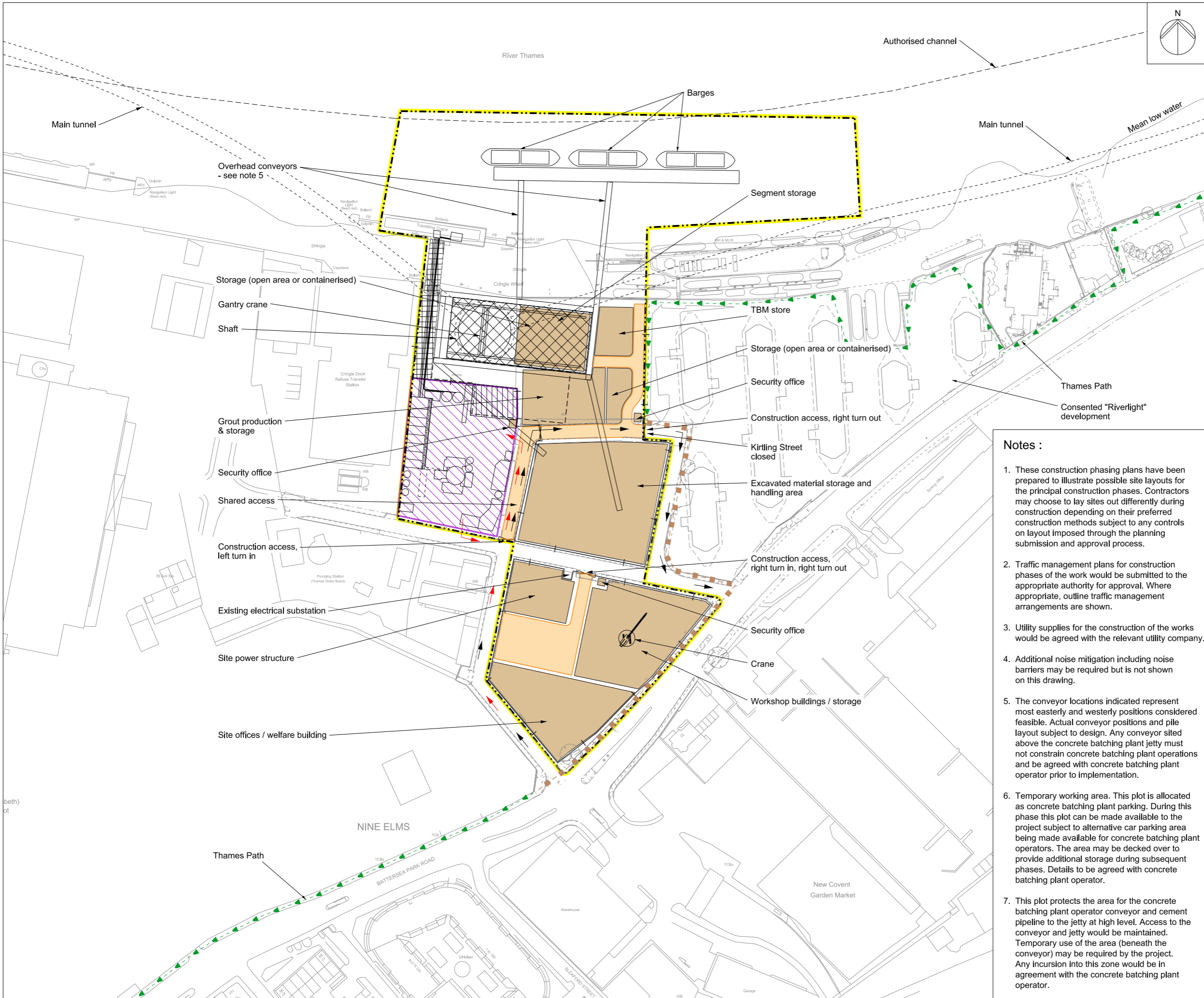


ILLUSTRATIVE

Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Construction phases - phase 1
 Site setup and shaft construction
 Book of plans - section 15
 DCO-PP-13X-KRTST-150012
 January 2013





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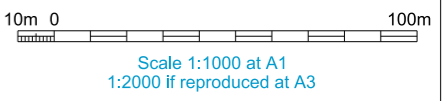


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- 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
 - Concrete batching plant site
 - Project traffic
 - Concrete batching plant traffic (others)
 - See note 6 for details of this plot
 - See note 7 for details of this plot
 - Acoustic enclosure over shaft and gantry crane

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.
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6. Temporary working area. This plot is allocated as concrete batching plant parking. During this phase this plot can be made available to the project subject to alternative car parking area being made available for concrete batching plant operators. The area may be decked over to provide additional storage during subsequent phases. Details to be agreed with concrete batching plant operator.
7. This plot protects the area for the concrete batching plant operator conveyor and cement pipeline to the jetty at high level. Access to the conveyor and jetty would be maintained. Temporary use of the area (beneath the conveyor) may be required by the project. Any incursion into this zone would be in agreement with the concrete batching plant operator.

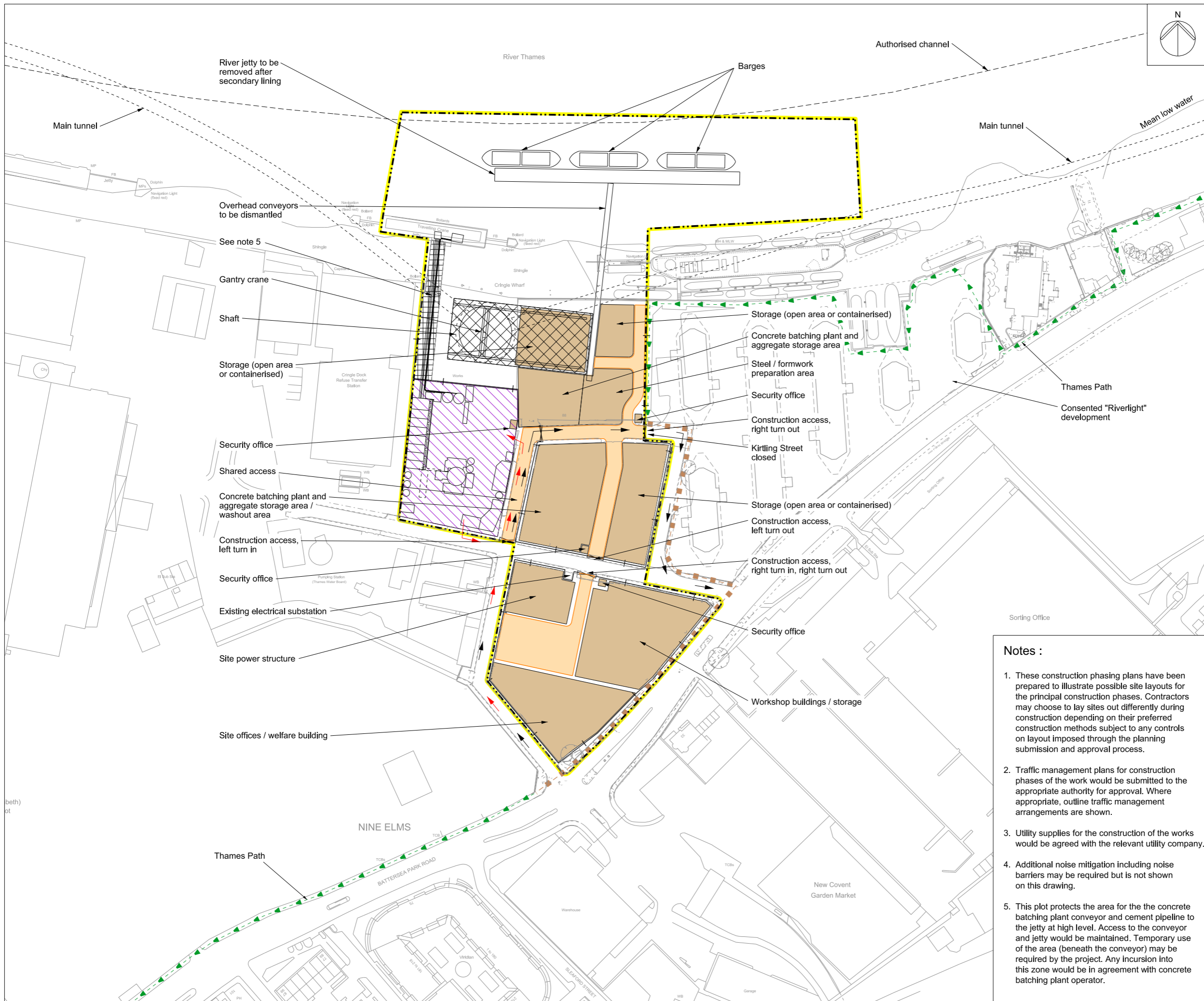


ILLUSTRATIVE

Location
Kirtling Street
London Borough of Wandsworth

Document Information
Application for Development Consent
Construction phases - phase 2
Tunnelling
Book of plans - section 15
DCO-PP-13X-KRTST-150013
January 2013

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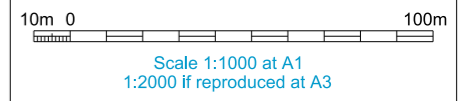
Keyplan:

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
 - Concrete batching plant site
 - Project traffic
 - Concrete batching plant traffic (others)
 - See note 5 for details of this plot
 - Acoustic enclosure over shaft and gantry crane

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. This plot protects the area for the concrete batching plant conveyor and cement pipeline to the jetty at high level. Access to the conveyor and jetty would be maintained. Temporary use of the area (beneath the conveyor) may be required by the project. Any incursion into this zone would be in agreement with concrete batching plant operator.

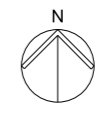
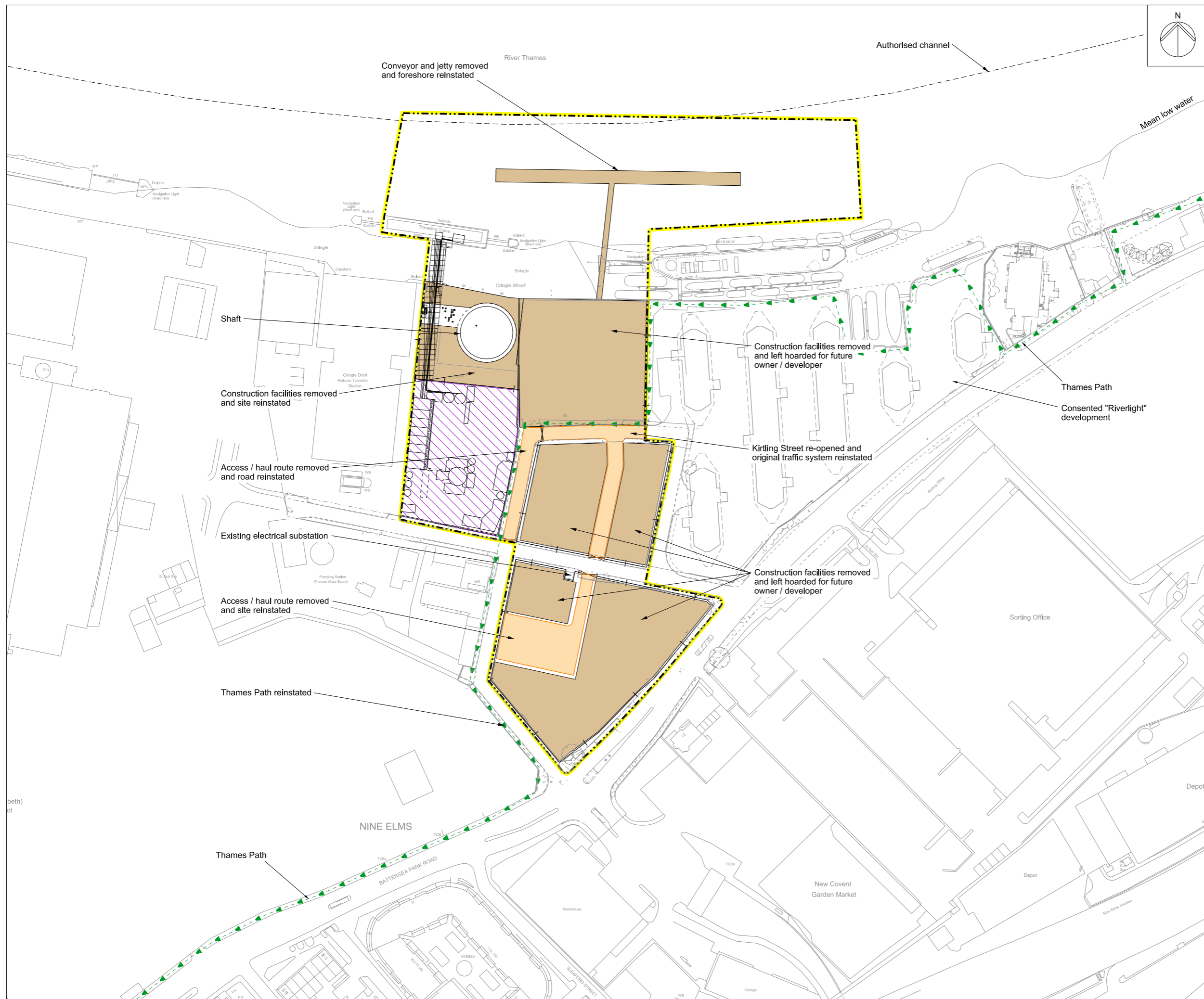


ILLUSTRATIVE

Location
Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Construction phases - phase 3
 Secondary lining
 Book of plans - section 15
 DCO-PP-13X-KRTST-150014
 January 2013





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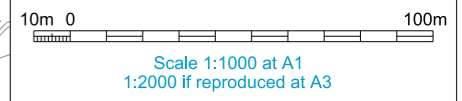


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Hoarding
 - Maximum extent of working area
 - Existing public right of way
 - Site access
 - Access / haul route
 - Concrete batching plant site
 - See note 5 for details of this plot

Notes :

- This plot protects the area for the the concrete batching plant conveyor and cement pipeline to the jetty at high level. Access to the conveyor and jetty would be maintained. Temporary use of the area (beneath the conveyor) may be required by the project. Any incursion into this zone would be in agreement with concrete batching plant operator.



ILLUSTRATIVE

Location
Kirtling Street
 London Borough of Wandsworth

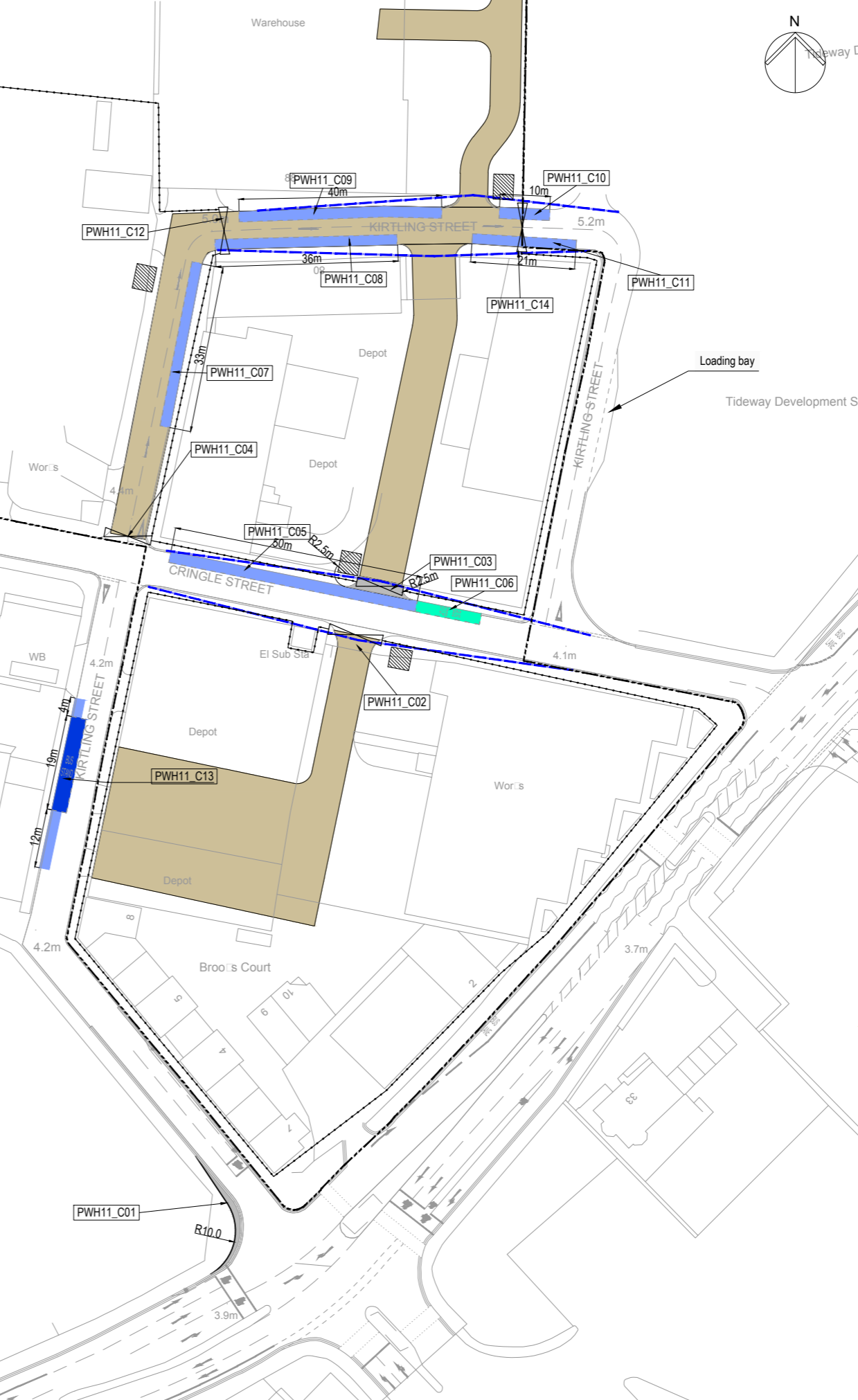
Document Information
Application for Development Consent
 Construction phases - phase 4
 Site demobilisation
 Book of plans - section 15
 DCO-PP-13X-KRTST-150015
 January 2013



Construction base case highway layout



Highway layout during construction



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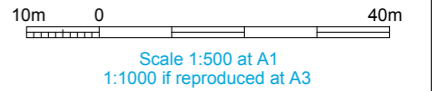
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key**
- Existing**
- Parking restrictions
 - On street parking
 - Bus lane
 - Bus stop/ stand
 - Pedestrian crossing
 - Cycle lane / advance stop line
- Revised**
- Removal of footway
 - Suspended on-street parking
 - Suspended bus stand
 - Temporary bus stand
 - Illustrative on-site manoeuvring zone
 - Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
 - Site hut
 - Site hoarding
 - Access gate
 - Limit of land to be acquired or used (LLAU)
- PWH11_C01 See schedule of works

On Street Parking
 Unrestricted parking - Parking at any time
 Loading bay - Drop off for coaches and taxis

- 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 on the use of Tactile Paving Surfaces, DfT, 1998
 - Accessible Bus Stop Design Guidance, TfL, 2006

Stage
 Phase 1 and 3

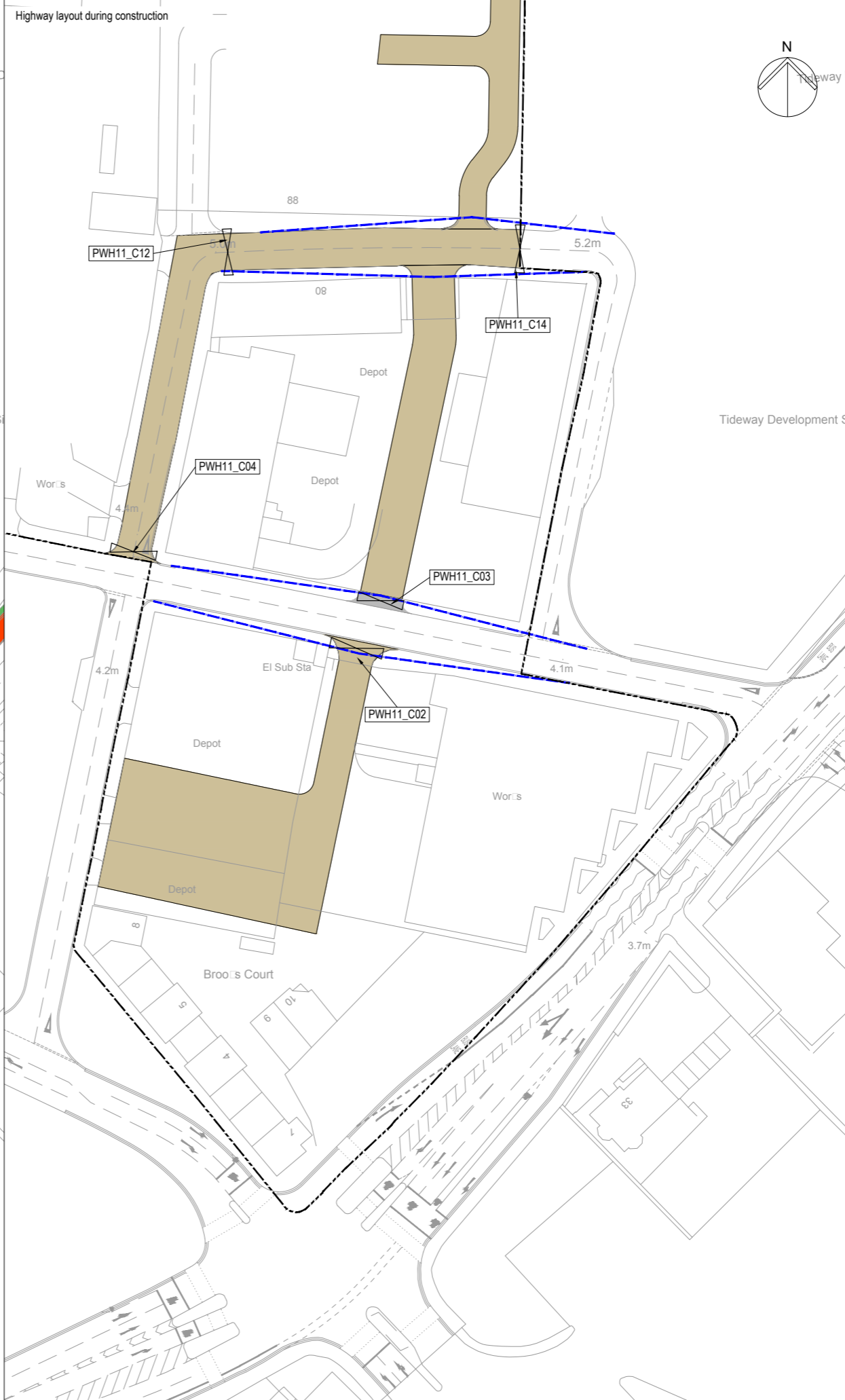


ILLUSTRATIVE

Location
 Kirtling Street
 London Borough of Wandsworth

Document Information
 Application for Development Consent
 Highway layout during construction
 (Area 1)
 Ph 1 - 3
 DCO-PP-13X-KRTST-150021
 January 2013





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Keyplan:

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

- Parking restrictions
- On street parking
- Bus lane
- Pedestrian crossing
- Cycle lane / advance stop line

Revised

- Removal of footway
- Illustrative on-site manoeuvring zone
- Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
- Access gate
- Limit of land to be acquired or used (LLAU)
- See schedule of works

On Street Parking

Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Phases 1 & 3

10m 0 40m

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

ILLUSTRATIVE

Location

Kirtling Street
London Borough of Wandsworth

Document Information

Application for Development Consent
Highway layout during construction
(Area 1) Ph 1 - 3
(With Battersea PS)
DCO-PP-13X-KRTST-150022
January 2013

Thames Tideway Tunnel
Creating a cleaner healthier River Thames

Thames Water

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Keyplan:

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

- Parking restrictions
- Yellow On street parking
- Red Bus lane
- Red Bus stop/stand
- Purple Pedestrian crossing
- Green Cycle lane / advance stop line

Revised

- Reinstated footway
- Blue Reinstated on-street parking
- Green Reinstated bus stand
- Orange Removal of temporary bus stand
- PWH11_P01 See schedule of works

On Street Parking

Unrestricted parking - Parking at any time
Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Permanent phase

10m 0 40m
Scale 1:500 at A1
1:1000 if reproduced at A3

ILLUSTRATIVE

Location

Kirtling Street
London Borough of Wandsworth

Document Information

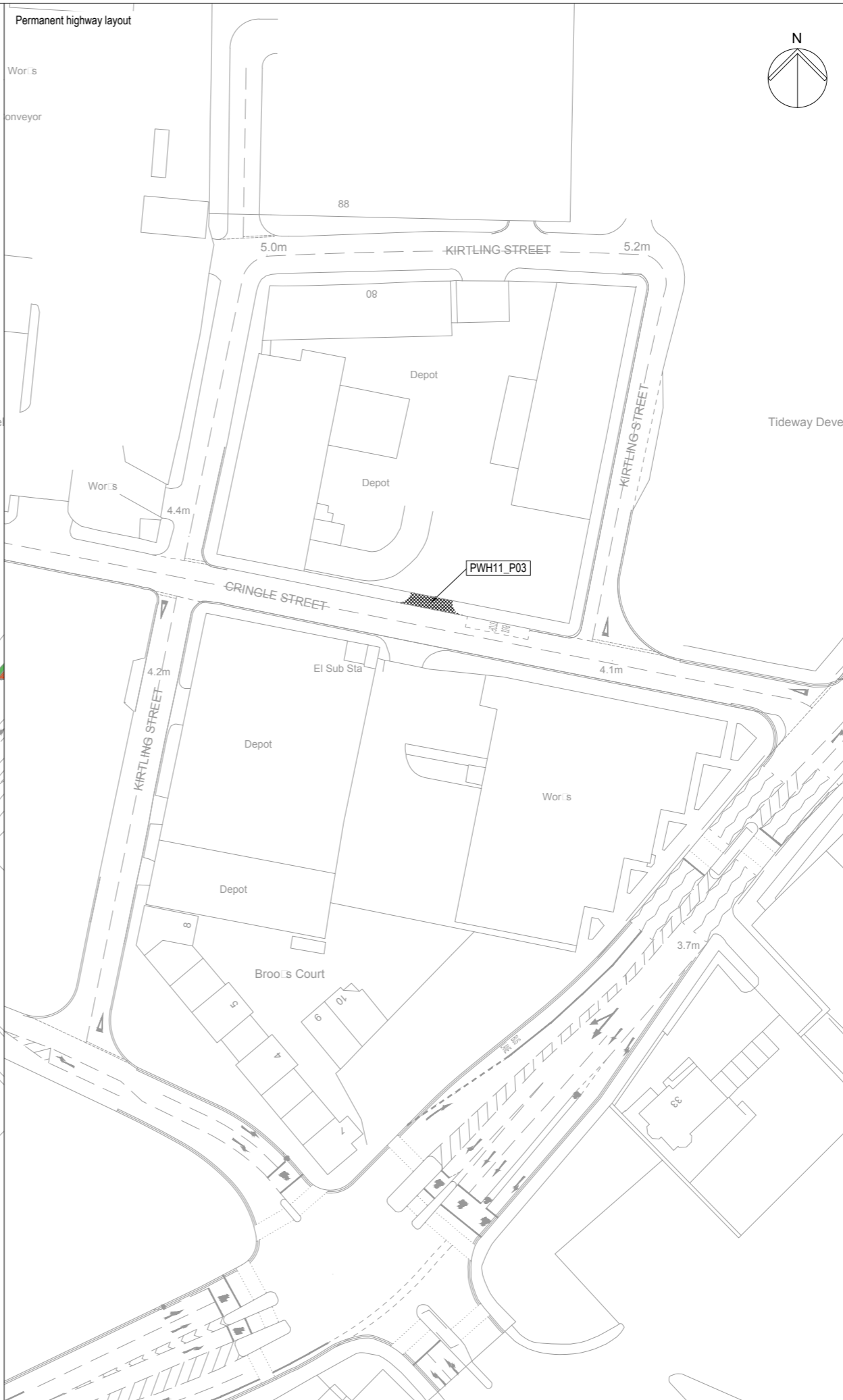
Application for Development Consent
Permanent highway layout
Area 1 work

DCO-PP-13X-KRTST-150023
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames

Thames Water

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Keyplan:

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Key

Existing

- Parking restrictions
- On street parking
- Bus lane
- Pedestrian crossing
- Cycle lane / advance stop line

Revised

- Reinstated footway
- PW111_P03 See schedule of works

On Street Parking

Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Permanent phase

10m 0 40m

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

ILLUSTRATIVE

Location

Kirtling Street
London Borough of Wandsworth

Document Information

Application for Development Consent

Permanent highway layout
Area 1 work
(With Battersea PS)
DCO-PP-13X-KRTST-150024
January 2013

Thames Tideway Tunnel
Creating a cleaner healthier River Thames

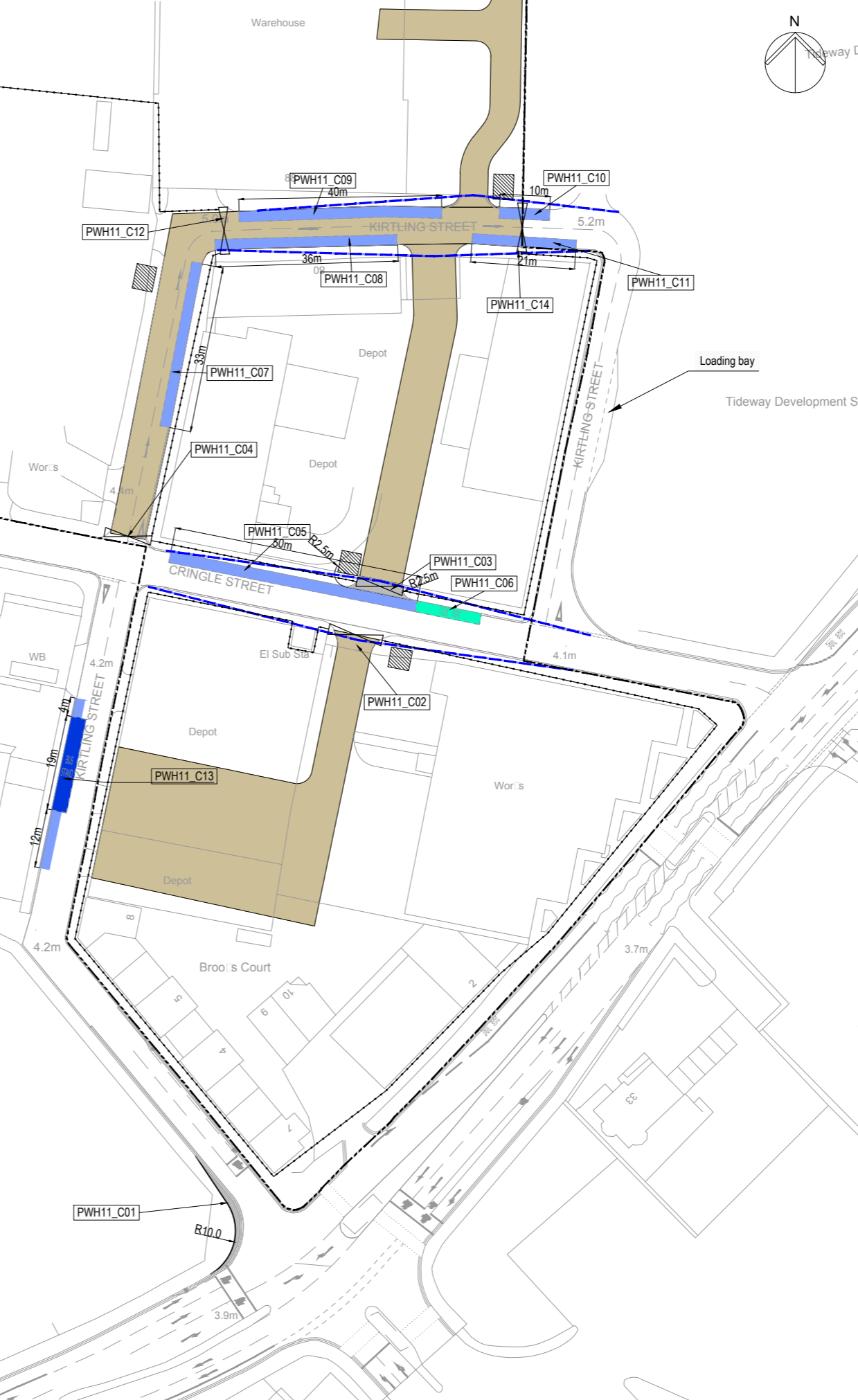
Thames Water

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Construction base case highway layout



Highway layout during construction



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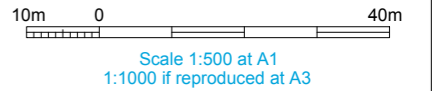
Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key**
- Existing**
- Parking restrictions
 - On street parking
 - Bus lane
 - Bus stop/ stand
 - Pedestrian crossing
 - Cycle lane / advance stop line
- Revised**
- Removal of footway
 - Suspended on-street parking
 - Suspended bus stand
 - Temporary bus stand
 - Illustrative on-site manoeuvring zone
 - Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
 - Site hut
 - Site hoarding
 - Access gate
 - Limit of land to be acquired or used (LLAU)
- PWH11_C01 See schedule of works

On Street Parking
 Unrestricted parking - Parking at any time
 Loading bay - Drop off for coaches and taxis

- 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 on the use of Tactile Paving Surfaces, DfT, 1998
 - Accessible Bus Stop Design Guidance, TfL, 2006

Stage
 Phase 1 and 3

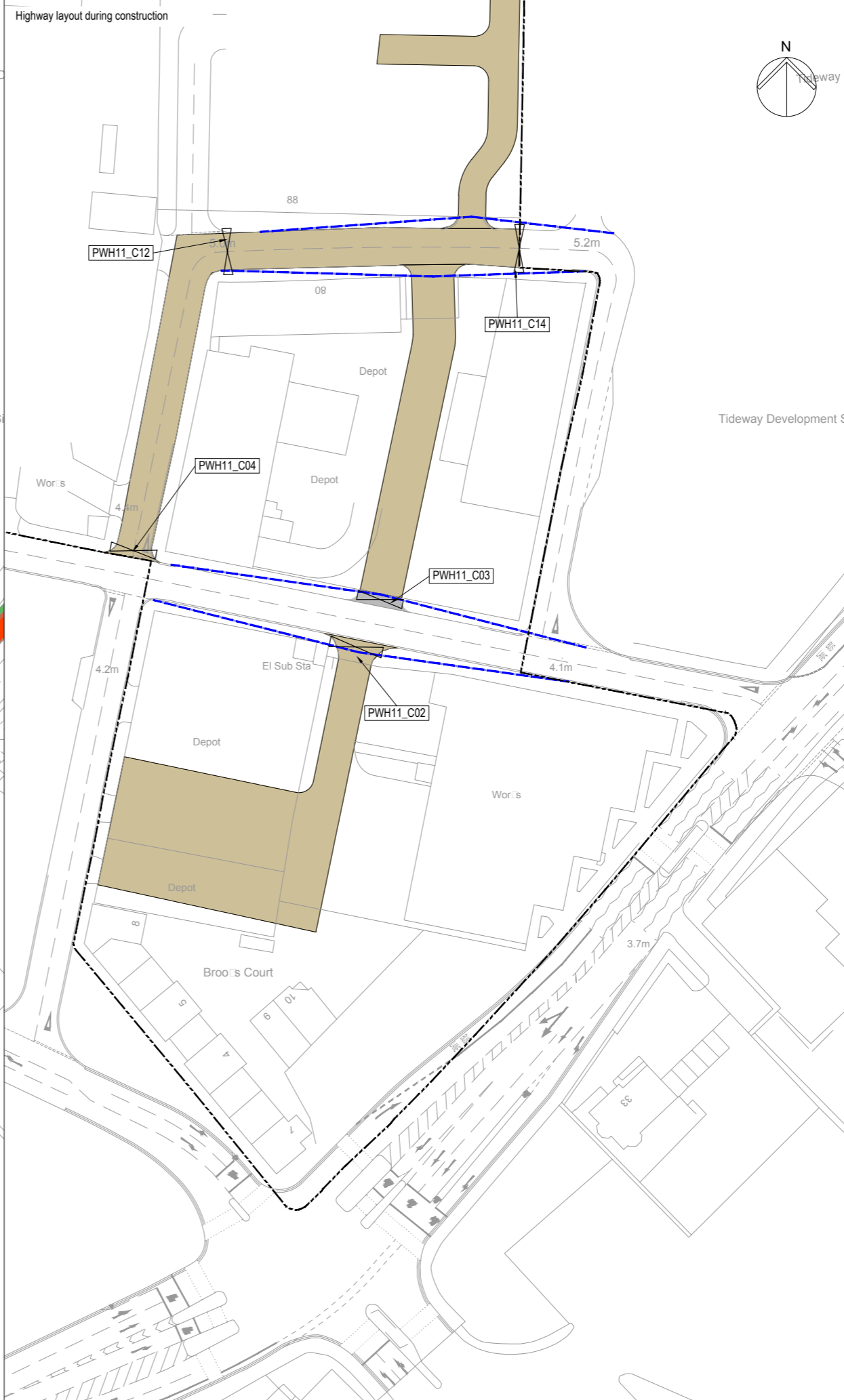


ILLUSTRATIVE

Location
 Kirtling Street
 London Borough of Wandsworth

Document Information
Application for Development Consent
 Highway layout during construction
 (Area 1)
 Ph 1 - 3
 DCO-PP-13X-KRTST-150021
 January 2013





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Keyplan:

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Key

Existing

- Parking restrictions
- On street parking
- Bus lane
- Pedestrian crossing
- Cycle lane / advance stop line

Revised

- Removal of footway
- Illustrative on-site manoeuvring zone
- Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
- Access gate
- Limit of land to be acquired or used (LLAU)
- See schedule of works

On Street Parking

Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Phases 1 & 3

10m 0 40m

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

ILLUSTRATIVE

Location

Kirtling Street
London Borough of Wandsworth

Document Information

Application for Development Consent
Highway layout during construction
(Area 1) Ph 1 - 3
(With Battersea PS)
DCO-PP-13X-KRTST-150022
January 2013

Thames Tideway Tunnel
Creating a cleaner healthier River Thames

Thames Water

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Keyplan:

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

- Parking restrictions
- Yellow hatched — On street parking
- Red hatched — Bus lane
- Red hatched — Bus stop/ stand
- Purple hatched — Pedestrian crossing
- Green hatched — Cycle lane / advance stop line

Revised

- Blue hatched — Reinstated footway
- Blue hatched — Reinstated on-street parking
- Green hatched — Reinstated bus stand
- Orange hatched — Removal of temporary bus stand
- PWH11_P01 — See schedule of works

On Street Parking

Unrestricted parking - Parking at any time
 Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Permanent phase

10m 0 40m
 Scale 1:500 at A1
 1:1000 if reproduced at A3

ILLUSTRATIVE

Location

Kirtling Street
 London Borough of Wandsworth

Document Information

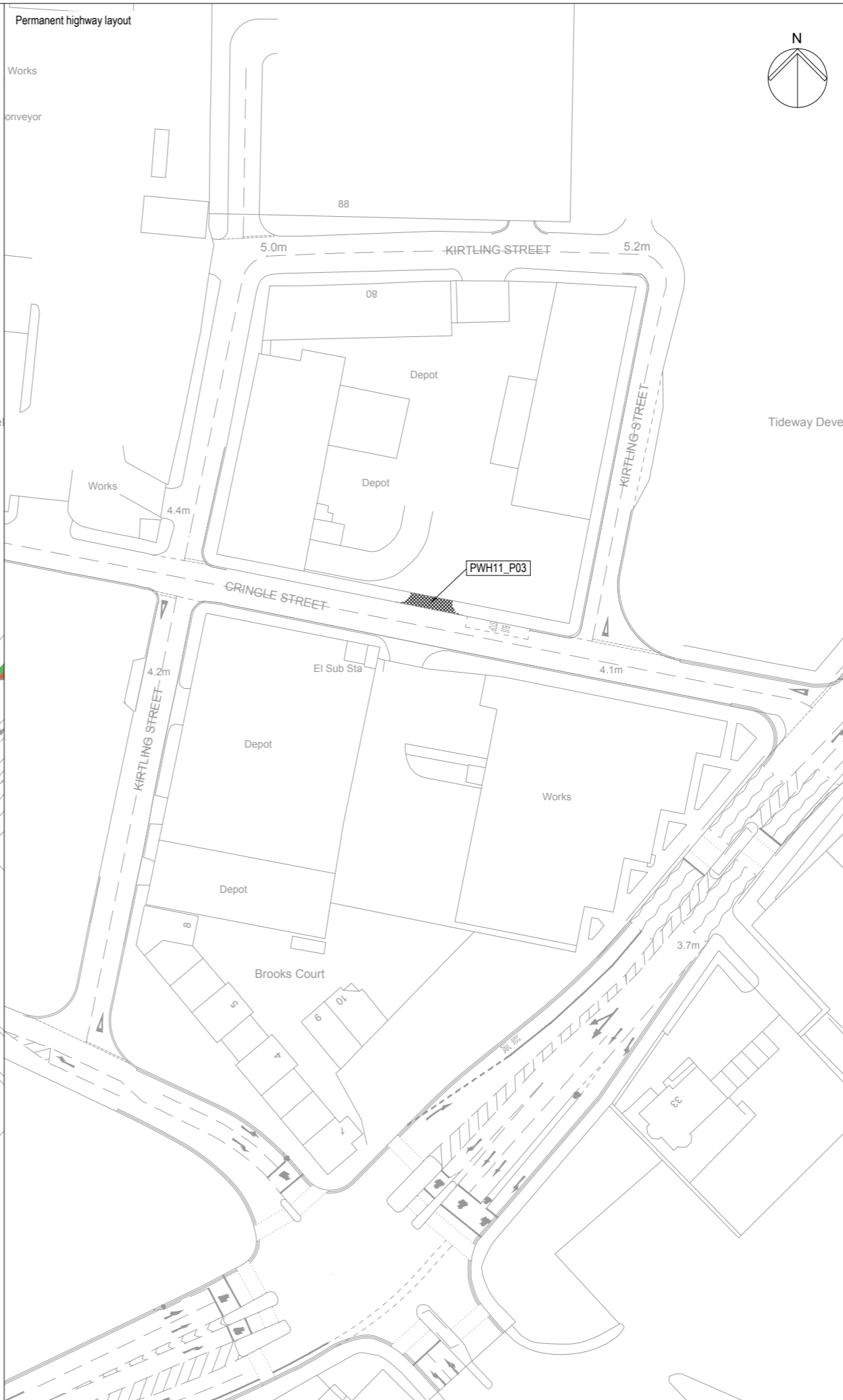
Application for Development Consent
 Permanent highway layout
 Area 1 work

DCO-PP-13X-KRTST-150023
 January 2013

Thames Tideway Tunnel
 Creating a cleaner, healthier River Thames

Thames Water

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Keyplan:

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

- Parking restrictions
- On street parking
- Bus lane
- Pedestrian crossing
- Cycle lane / advance stop line

Revised

- Reinstated footway
- PWH11_P03 See schedule of works

On Street Parking

Loading bay - Drop off for coaches and taxis

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 on the use of Tactile Paving Surfaces, DfT, 1998
- Accessible Bus Stop Design Guidance, TfL, 2006

Stage

Permanent phase

10m 0 40m

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

ILLUSTRATIVE

Location

Kirtling Street
London Borough of Wandsworth

Document Information

Application for Development Consent

Permanent highway layout
Area 1 work
(With Battersea PS)
DCO-PP-13X-KRTST-150024
January 2013

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Thames Water

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DCO-DT-000-ZZZZZ-021500

