



Development Consent Order

Application Reference Number: WW010001

Documents for Certification September 2014

We, Lindsay Speed and Sarah Fairbrother hereby certify that this is a true copy of the environmental statement referred to in Article 61 (1) (f) of the Thames Water Utilities Limited (Thames Tideway Tunnel) Order 2014.

Lindsay Speed

Sarah Fairbrother

September 2014

**Thames
Tideway Tunnel**



Creating a cleaner, healthier River Thames

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Environmental Statement

Doc Ref: **6.2.23**

Volume 23: Deptford Church Street figures

APFP Regulations 2009: Regulation **5(2)(a)**

Hard copy available in
Box **68** Folder **B**
January 2013

Thames
Tideway Tunnel 
Creating a cleaner, healthier River Thames

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Thames Tideway Tunnel

Environmental Statement

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Thames Tideway Tunnel

Environmental Statement

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Thames Tideway Tunnel

Environmental Statement

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1 Plans from the Book of Plans

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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 (6.0m)
Ventilation column(s) serving the interception chamber	6.0m
Electrical and control kiosk(s)	3.0m (2.8m)

Table 2

Above ground permanent structure	Maximum plan dimension (Minimum in brackets where applicable)
Electrical and control kiosk(s)	length 8.0m (5.9m) Width 5.0m (2.3m)



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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)
- Zone within which required landscaping would be located

Notes:

1. All dimensions and levels are approximate.
2. The Site Works Parameter Key Plan identifies each zone independently.
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.



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

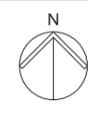
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Location
Deptford Church Street
London Borough of Lewisham

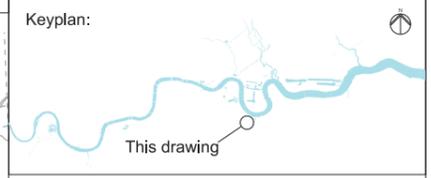
Document Information
Application for Development Consent
Site works parameter plan

Book of plans - section 23
DCO-PP-22X-DEPCS-230005
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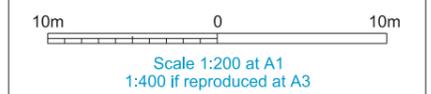
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Trees to be removed
 - Above ground structures to be removed

- 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.



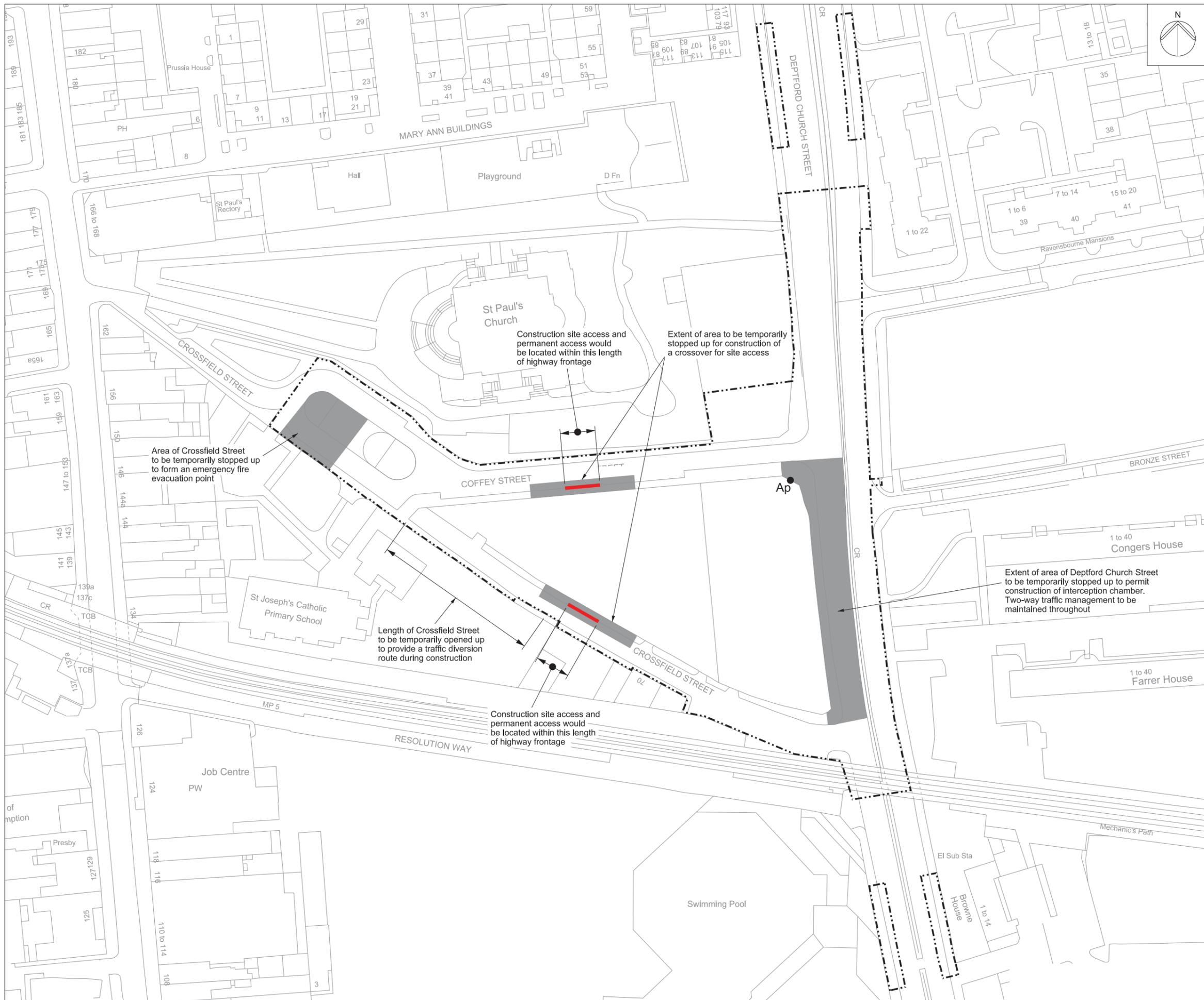
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Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Application for Development Consent
 Demolition and site clearance

Book of plans - section 23
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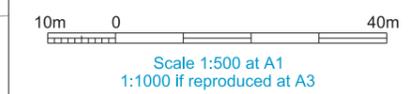


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key:**
- Limits of land to be acquired or used (LLAU)
 - Area of highway to be temporarily stopped up
 - Ap** ● Access to permanent works
 - Ac** ● Access to construction works
 - Highway frontage within which access would be located

Notes:

- This plan does not show stopping up and diversions of limited duration (eg hoarding erection, minor utility diversions and minor highway works).



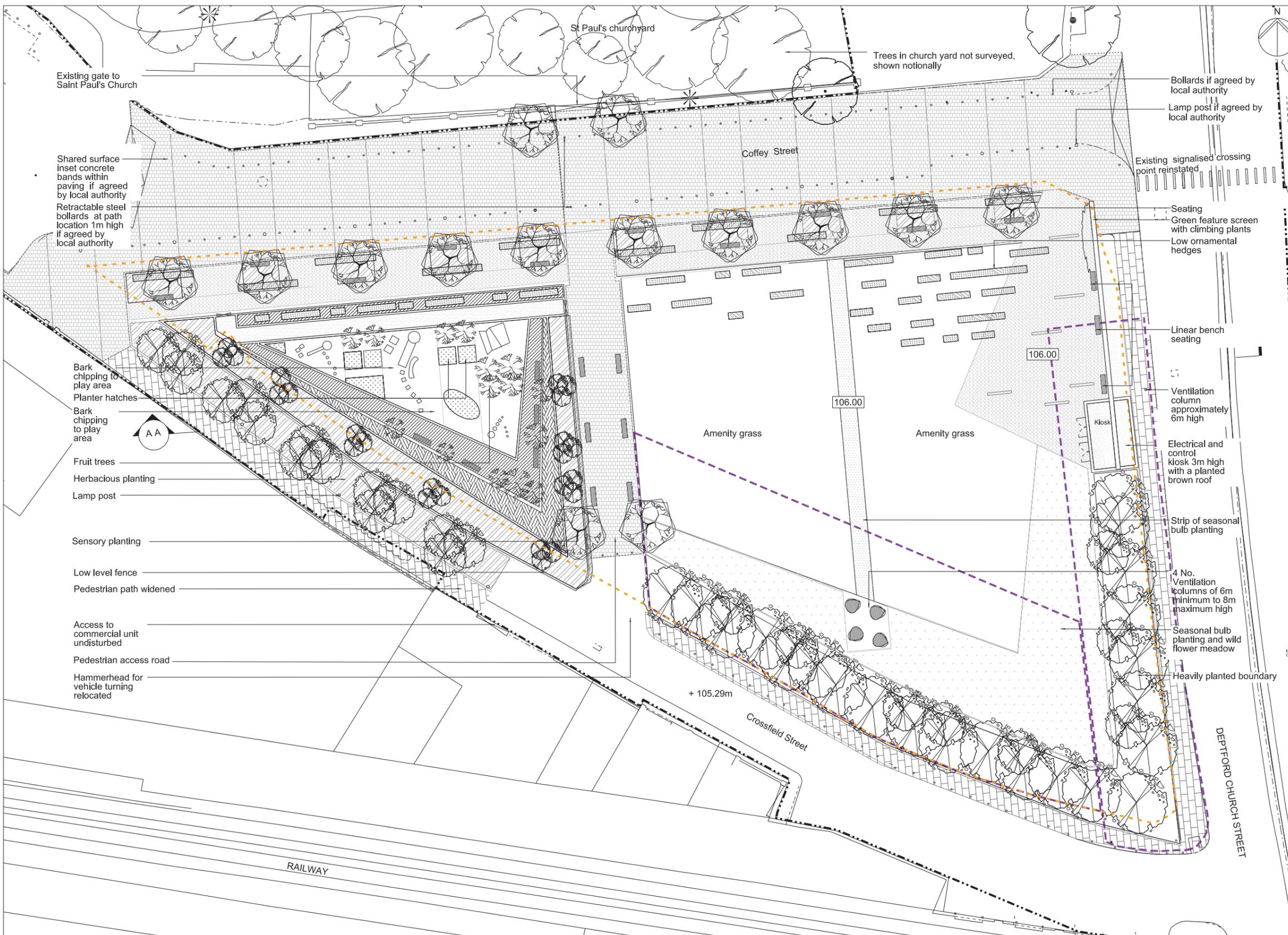
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London Borough of Lewisham

Document Information
Application for Development Consent
Access plan

Book of plans - section 23
DCO-PP-22X-DEPCS-230003
January 2013



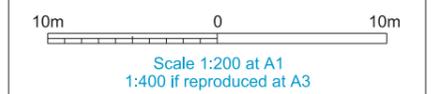


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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Zone within which permanent above ground structures would be located
 - Zone within which required landscaping would be located
 - + 105.40m Existing levels (shown in metres above tunnel datum)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



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

Location
Deptford Church Street
London Borough of Lewisham

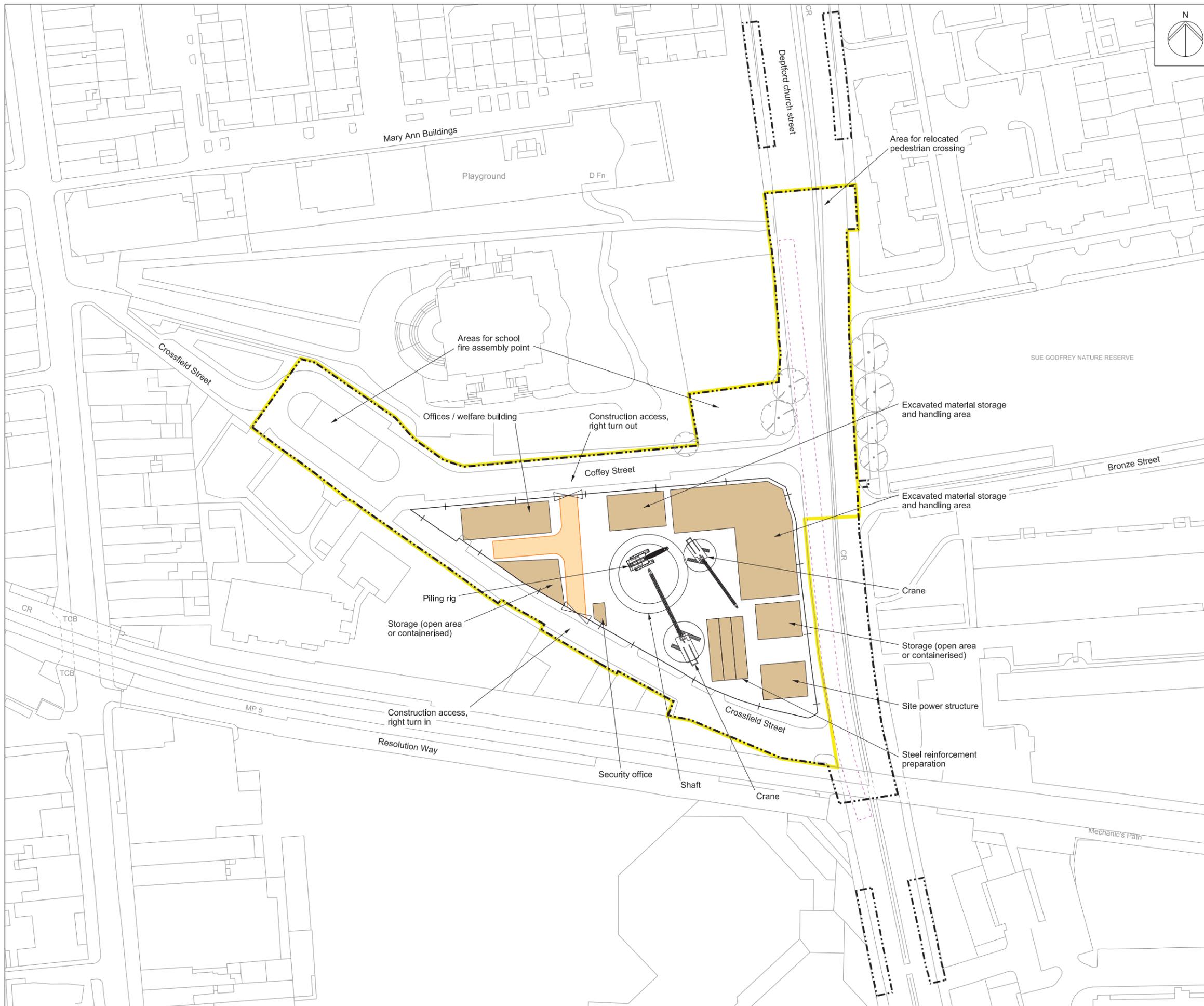
Document Information
Application for Development Consent
Proposed
Landscape plan
Book of plans - section 23
DCO-PP-22X-DEPCS-230008
January 2013



Landscape key		Proposed soft landscaping	
	Natural stone paving		Semi-mature tree planting
	Timber decking		Native tree planting
	Herbaceous perennial planting		Fruit trees
	Bound gravel		Retinstated paving
	Ground cover planting		Benches
	Herbaceous planting		Natural Play equipment
	Wildflower meadow		Bollards
	Seasonal bulb planting		Hedging
	Lighting		Fencing
	Gate		Planter
	Strip recessed lighting		Strip recessed lighting

Notes:

- All dimensions and levels are approximate.
- 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.
- Some planted areas around the shaft will have to be temporarily taken up to allow safe access for operation and maintenance access. Any areas that are moved will be reinstated upon completion.
- 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.



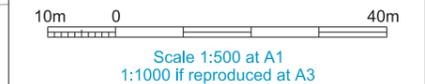
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- Key:**
- Limits of land to be acquired or used (LLAU)
 - Hoarding
 - Maximum extent of working area
 - Site access
 - Access / haul route
 - Existing sewers

- 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.

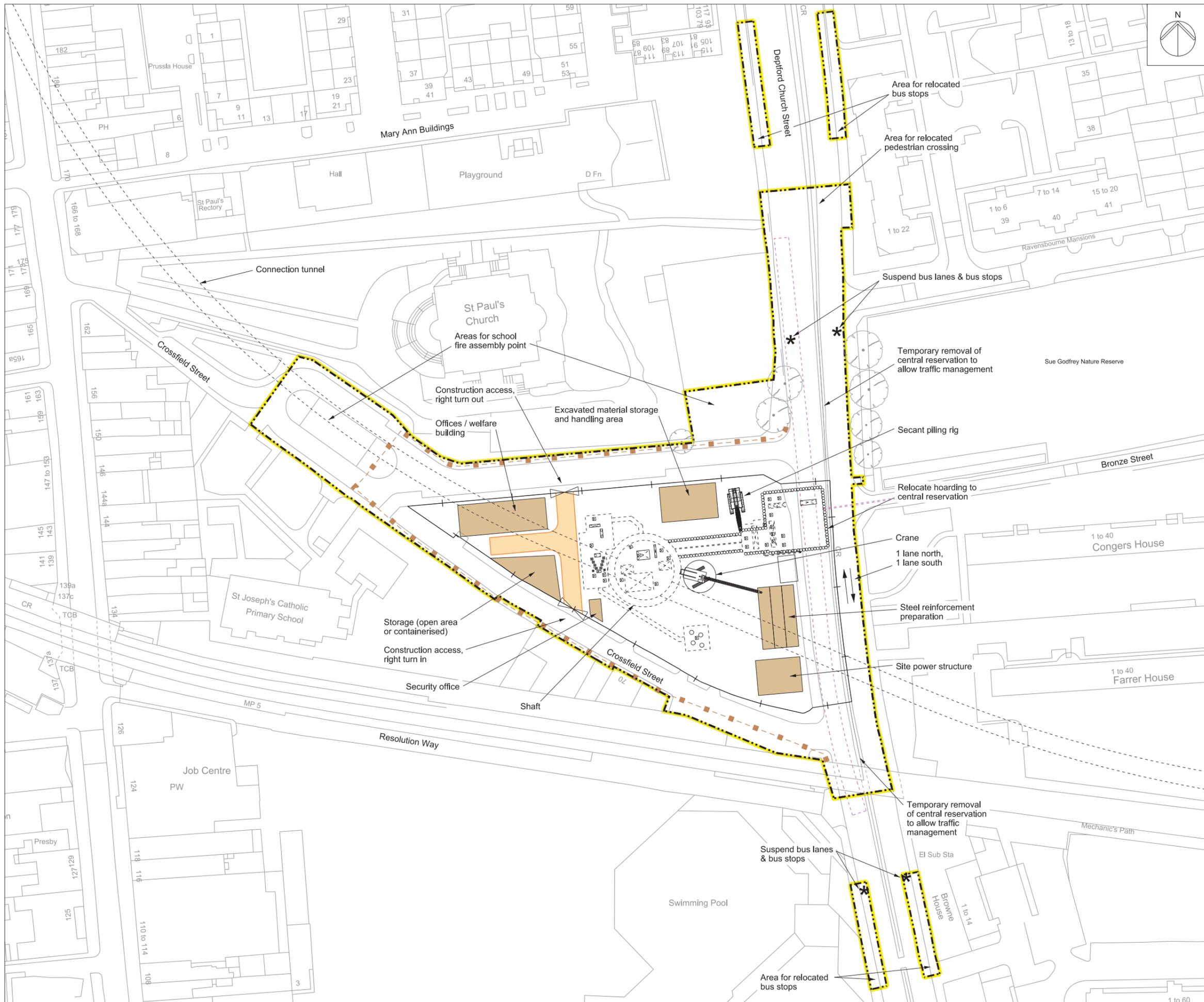


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Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Application for Development Consent
 Construction phases - phase 1
 Site setup & shaft construction
 Book of plans - section 23
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Keyplan:

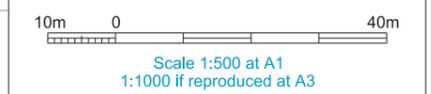
This drawing

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Key:

- Limits of land to be acquired or used (LLAU)
- Hoarding
- Maximum extent of working area
- Route of temporary diversion of footway
- Site access
- Access / haul route
- Existing sewers

- 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.

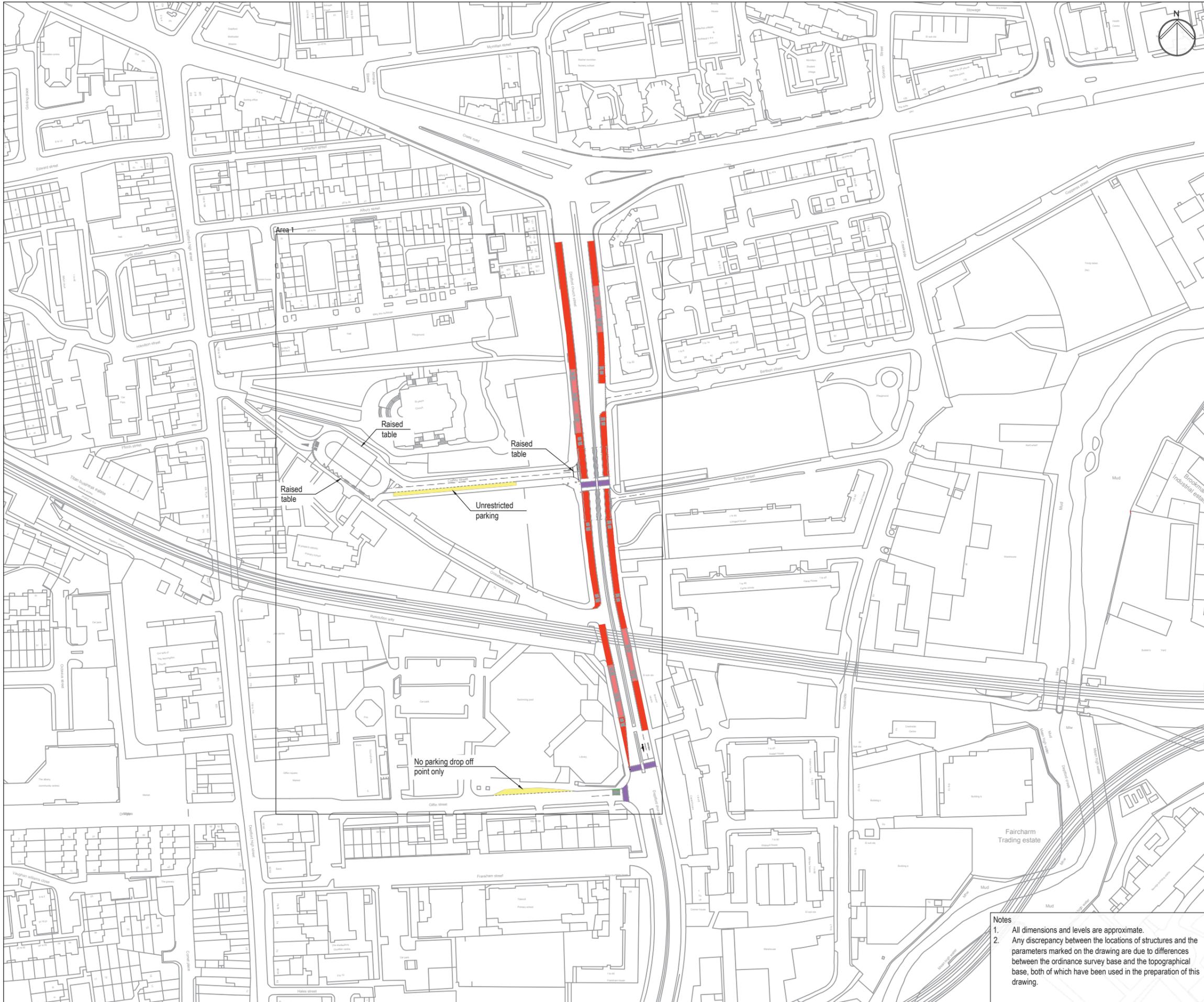


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Location
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London Borough of Lewisham

Document Information
Application for Development Consent
Construction phases - phase 2
Construction of other structures
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Keyplan:

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Key

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

On street parking
Bus lane
 bus / cycle / taxi lane
 7:00am - 7:00pm
On street parking
 unrestricted parking
 at all times

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
 Existing

10m 0 100m
 Scale 1:1000 at A1
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FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Application for Development Consent
 Existing highway layout

DCO-PP-22X-DEPCS-230016
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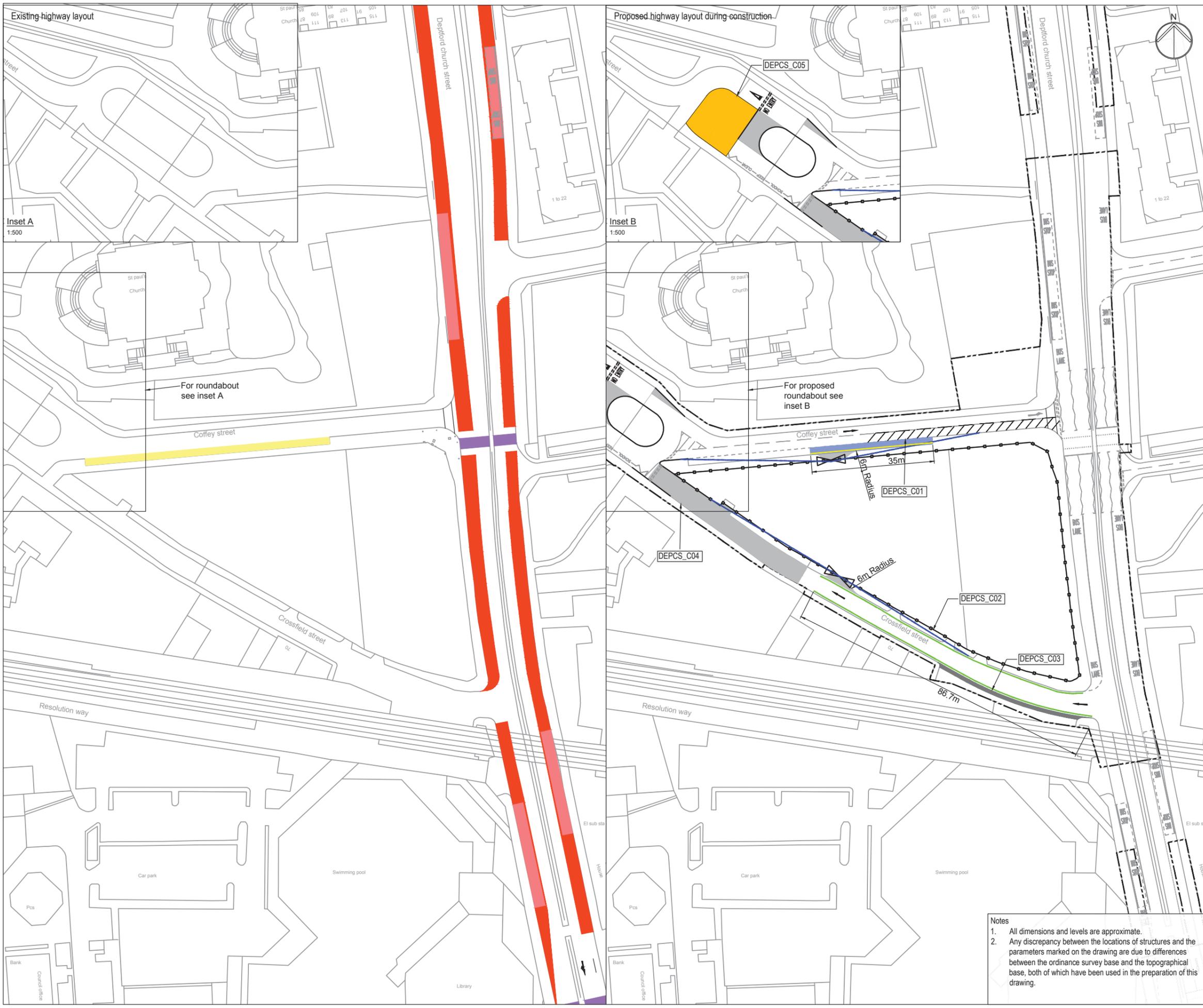
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 Creating a cleaner, healthier River Thames

Thames Water

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Existing highway layout

Inset A
1:500

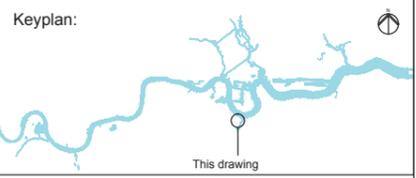
Proposed highway layout during construction

Inset B
1:500

For roundabout see inset A

For proposed roundabout see inset B

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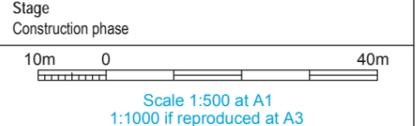


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key**
- Existing
 - On street parking
 - Bus stop / stand
 - Bus lane
 - Pedestrian crossing
 - Cycle lane / advance stop line
 - Revised
 - L.L.A.U.
 - Removal of footway / central reserve / pedestrian refuge / verge
 - Suspended on street parking
 - Temporary pedestrian area
 - DEPCS CODES
 - See schedule of works
 - Hoarding line
 - Site access
 - Temporary parking restrictions
 - Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
 - Temporary footway

On street parking
Bus lane
bus / cycle / taxi lane
7:00am - 7:00pm
On street parking
unrestricted parking
at all times

- 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



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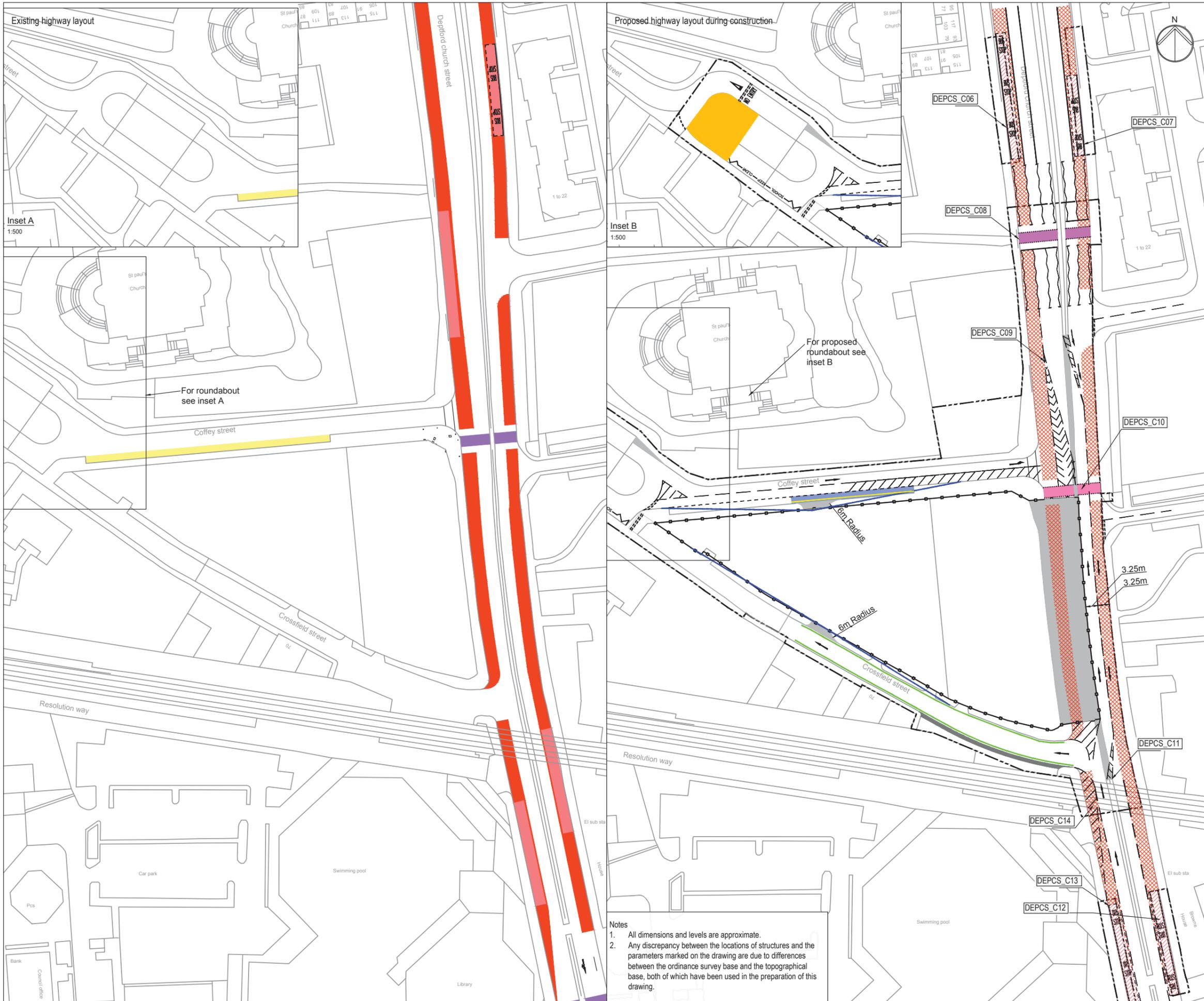
Document Information
Application for Development Consent
Highway layout during construction
Phase 1

DCO-PP-22X-DEPCS-230017
January 2013



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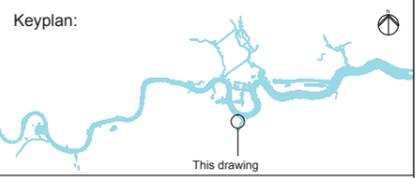
Existing highway layout

Proposed highway layout during construction

Inset A
1:500

Inset B
1:500

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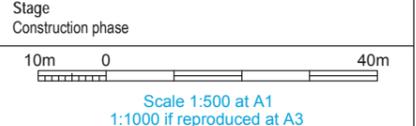


Coordinates are to be Ordnance Survey Datum OSGB36. All levels are in metres and relate to the Tunnel Datum which is 100 metres below Ordnance Datum Newlyn.

- Key**
- Existing**
- On street parking
 - Bus stop / stand
 - Bus lane
 - Pedestrian crossing
 - Cycle lane / advance stop line
- Revised**
- L.L.A.U.
- Removal of footway / central reserve / carriageway / verge
 - Suspended on street parking
 - Relocated pedestrian crossing
 - Suspended pedestrian crossing
 - Temporary pedestrian area
 - Suspended bus stop / bus lane
 - Temporary bus stop
 - See schedule of works
 - Hoarding line
 - Site access
 - Temporary parking restrictions
 - Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)
 - Temporary footway

- On street parking
Bus lane
bus / cycle / taxi lane
7:00am - 7:00pm
On street parking
unrestricted parking
at all times

- 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
Deptford Church Street
London Borough of Lewisham

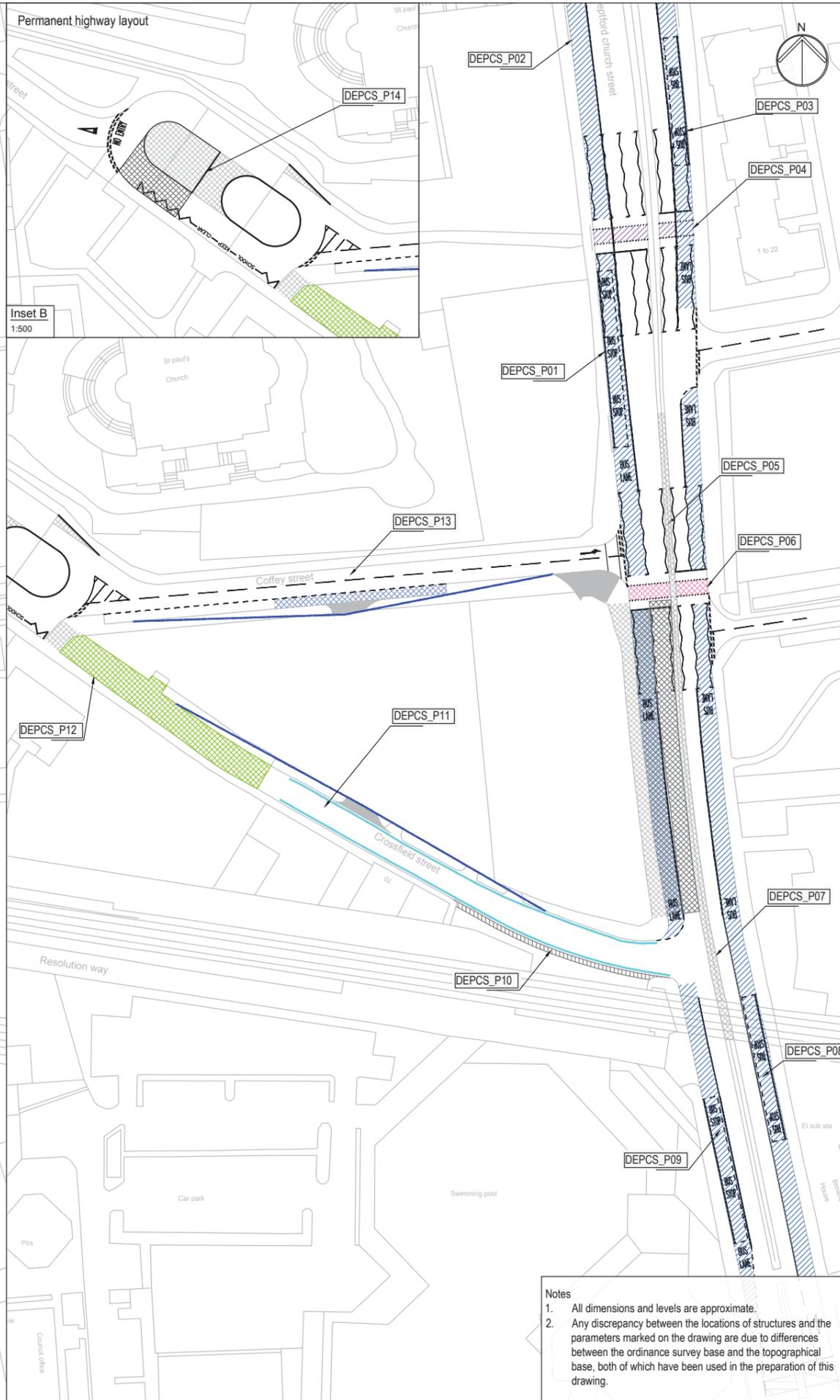
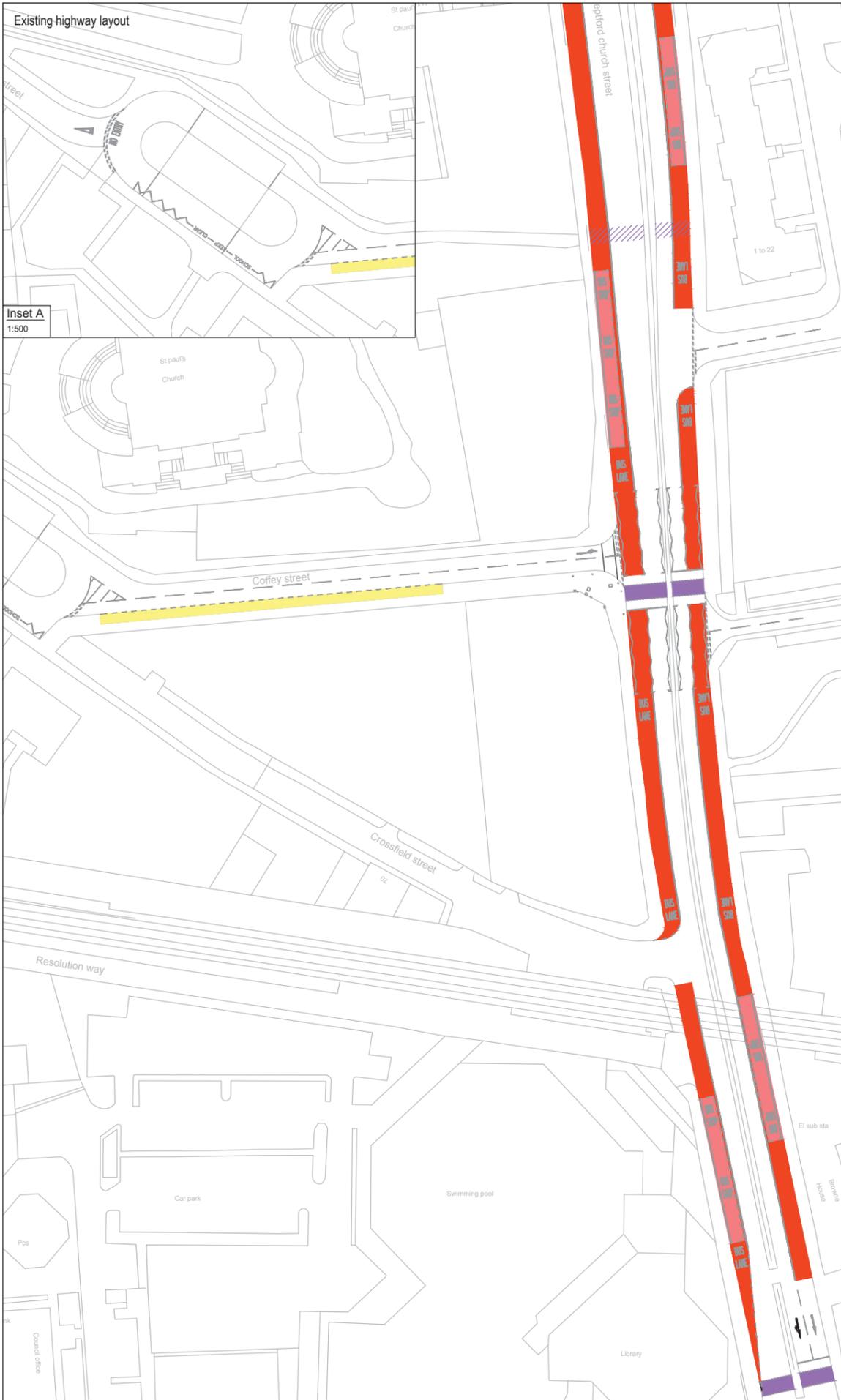
Document Information
Application for Development Consent
Highway layout during construction
Phase 2

DCO-PP-22X-DEPCS-230018
January 2013



Notes

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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

Existing

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

Revised

- Reinstated footway / central reserve / pedestrian refuge / verge
- Reinstated verge
- Reinstated carriageway
- Reinstated on street parking
- Reinstated pedestrian crossing
- Reinstated bus stop / bus lane
- Pedestrian crossing removed
- Temporary footway route removed

DEPCS P00

- See schedule of works
- Remove temporary parking restrictions
- Vehicle crossover
- Visibility splay - 2.4m x 43m (ssd adjust for bonnet length)

On street parking
Bus lane
bus / cycle / taxi lane
7:00am - 7:00pm
On street parking
unrestricted parking
at all times

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
Permanent phase

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

ILLUSTRATIVE

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Application for Development Consent
Permanent highway layout

DCO-PP-22X-DEPCS-230019
January 2013

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.

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames

Thames Water

© Thames Water Utilities Ltd 2008

2 Environmental impact assessment figures

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Keyplan:



Key

- Limits of Land to be Acquired or Used
- Local Authority Boundary
- River Thames



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

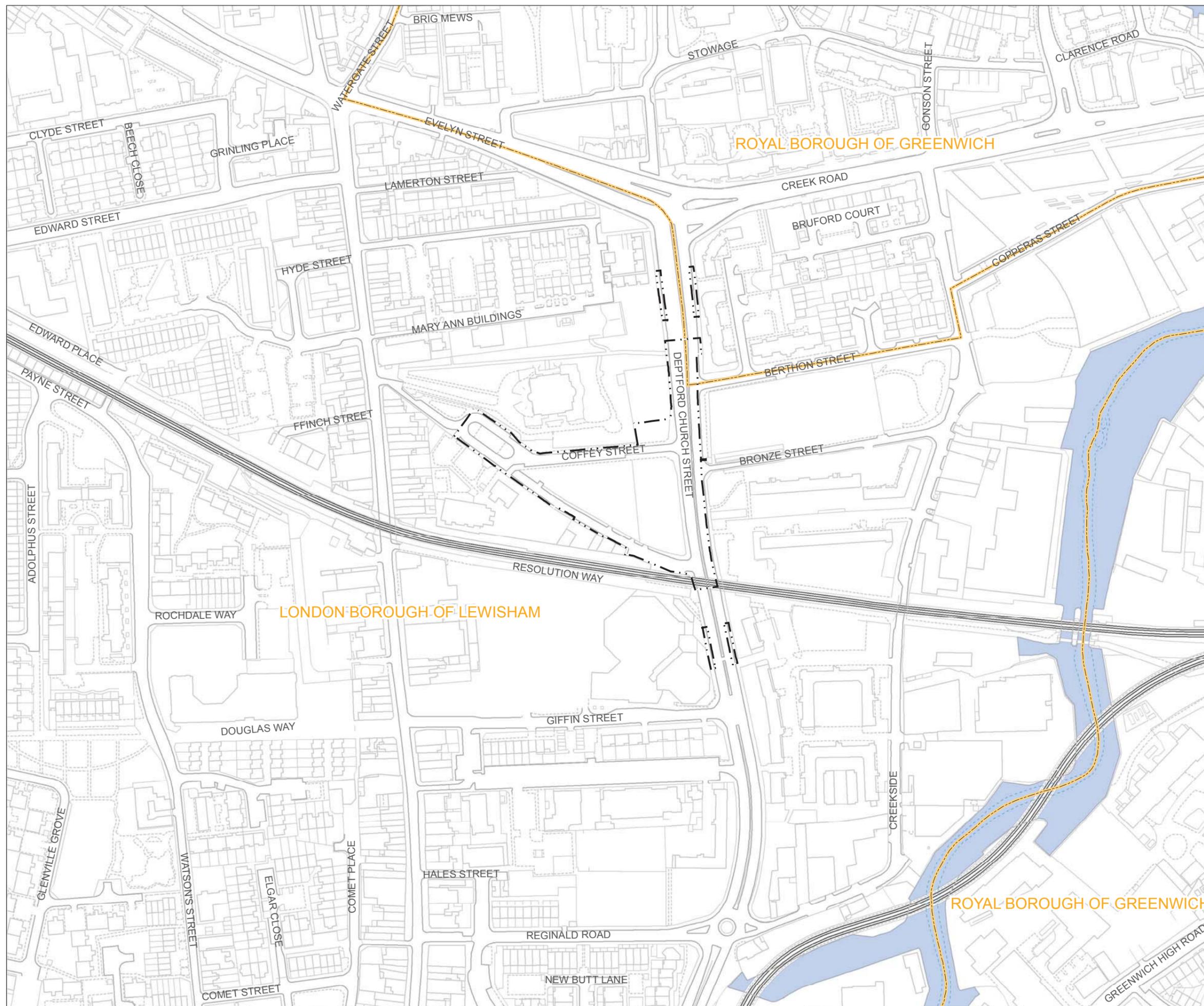
Document Information

Environmental Statement

Site location plan
Vol. 23 Figure 2.1.1

1PL03-MG-00715
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames





Key

- Limits of Land to be Acquired or Used
- Local Authority Boundary

Land Use

- Class A1-A5 (Shops, Financial & Professional Services, Restaurants, Drinking Establishments and Hot Food Takeaways)
- Class B1 (Business (Offices except A2) Research and Development, Light Industry)
- Class B2-B8 (General Industrial / Storage or Distribution)
- Class C1 (Hotels)
- Class C3-C4 (Dwelling Houses)
- Class D1-D2 (Non Residential Institutions (Community Facilities) and Assembly and Leisure)
- Mixed Use
- Other
- Open Space



Scale 1 : 2,500 at A3

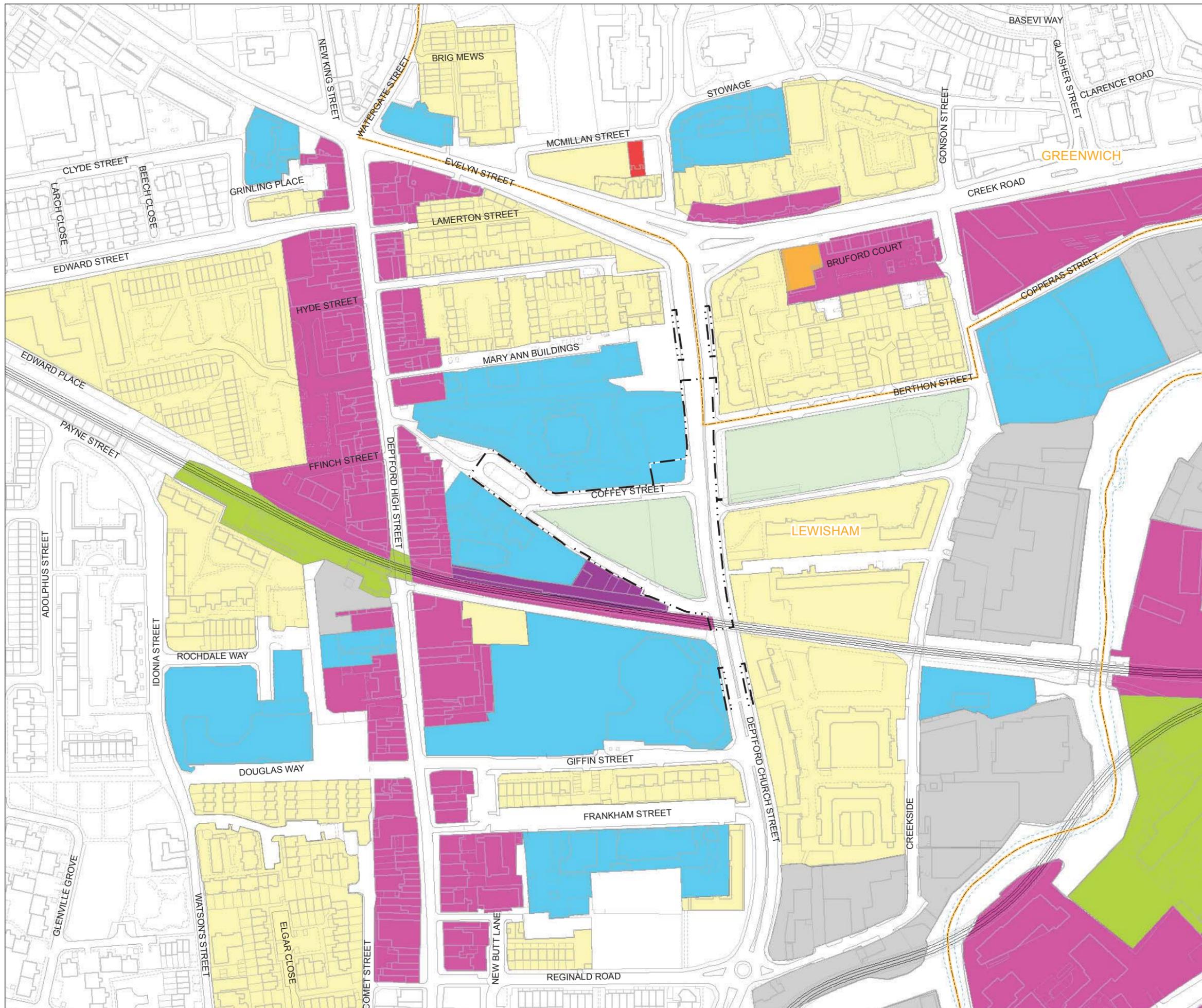
FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement

Land use
Vol. 23 Figure 2.1.2

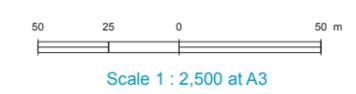
1PL03-MG-00761
January 2013



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- Key**
- Limits of Land to be Acquired or Used
 - Listed Building Area
 - LPA Conservation Area
 - Tree Preservation Order Area
 - Local Nature Reserve
 - LPA Archaeological Area
 - Local Authority Boundary
 - River Thames
- Sites of Importance for Nature Conservation (SINC)**
- Metropolitan Importance
 - Borough Importance
 - Local Importance

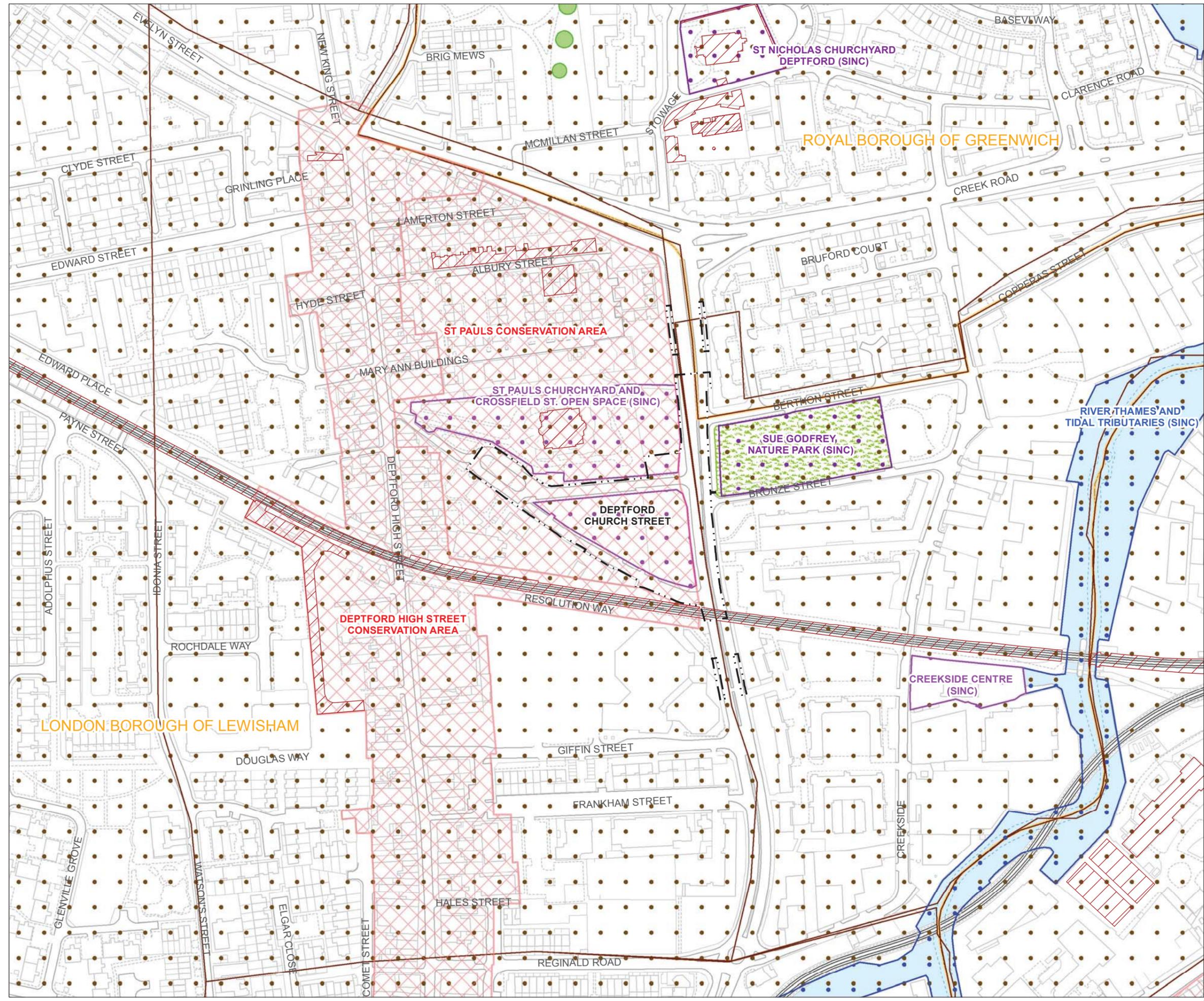


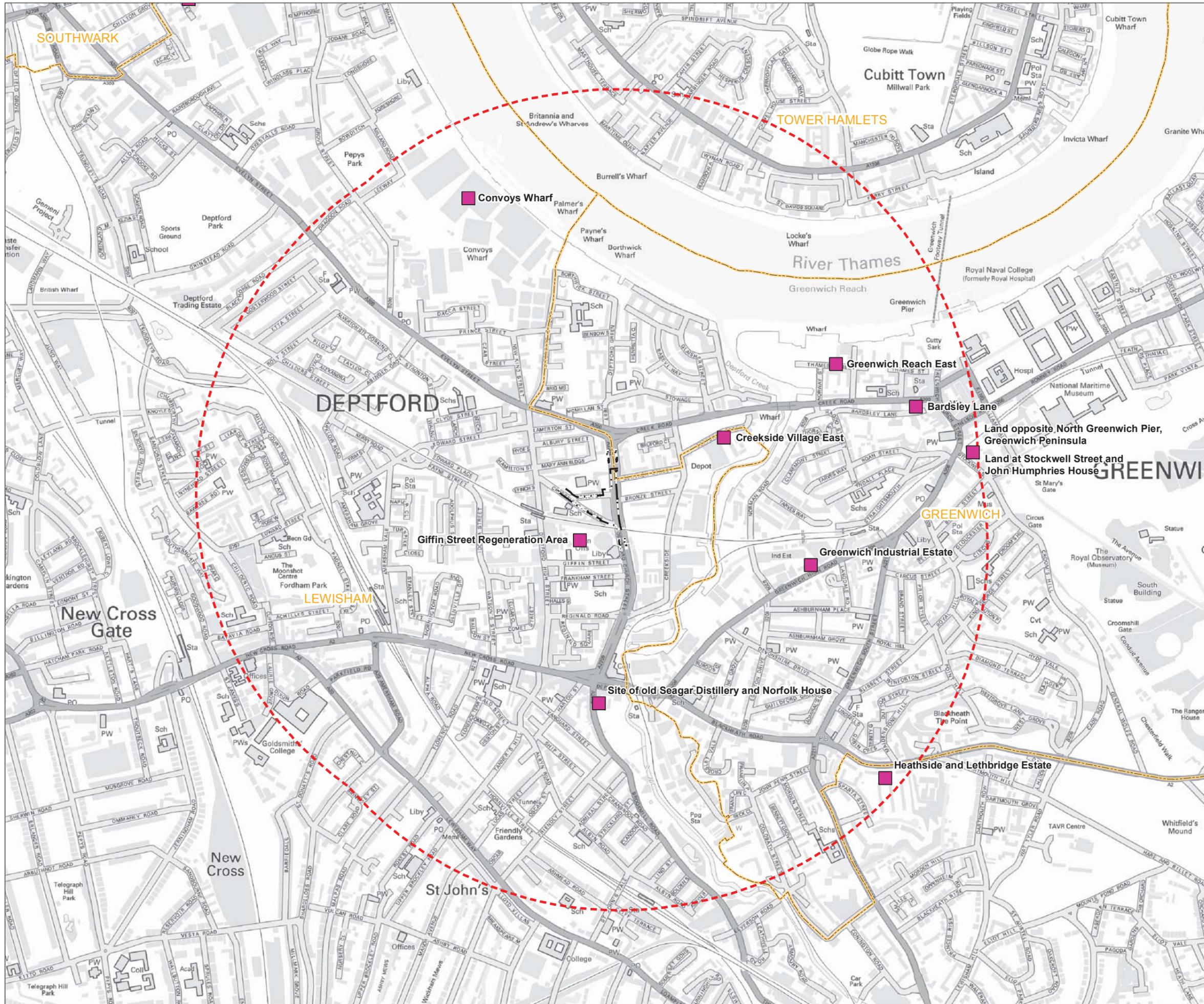
FOR INFORMATION

Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Environmental setting
 Vol. 23 Figure 2.1.3

1PL03-MG-00683
 January 2013





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- Key
- Planning Application
 - Limits of Land to be Acquired or Used
 - Planning Application (1km Boundary)
 - Local Authority Boundary

Note: This plan does not show the full extent for each planning application, but a single point within the application site.

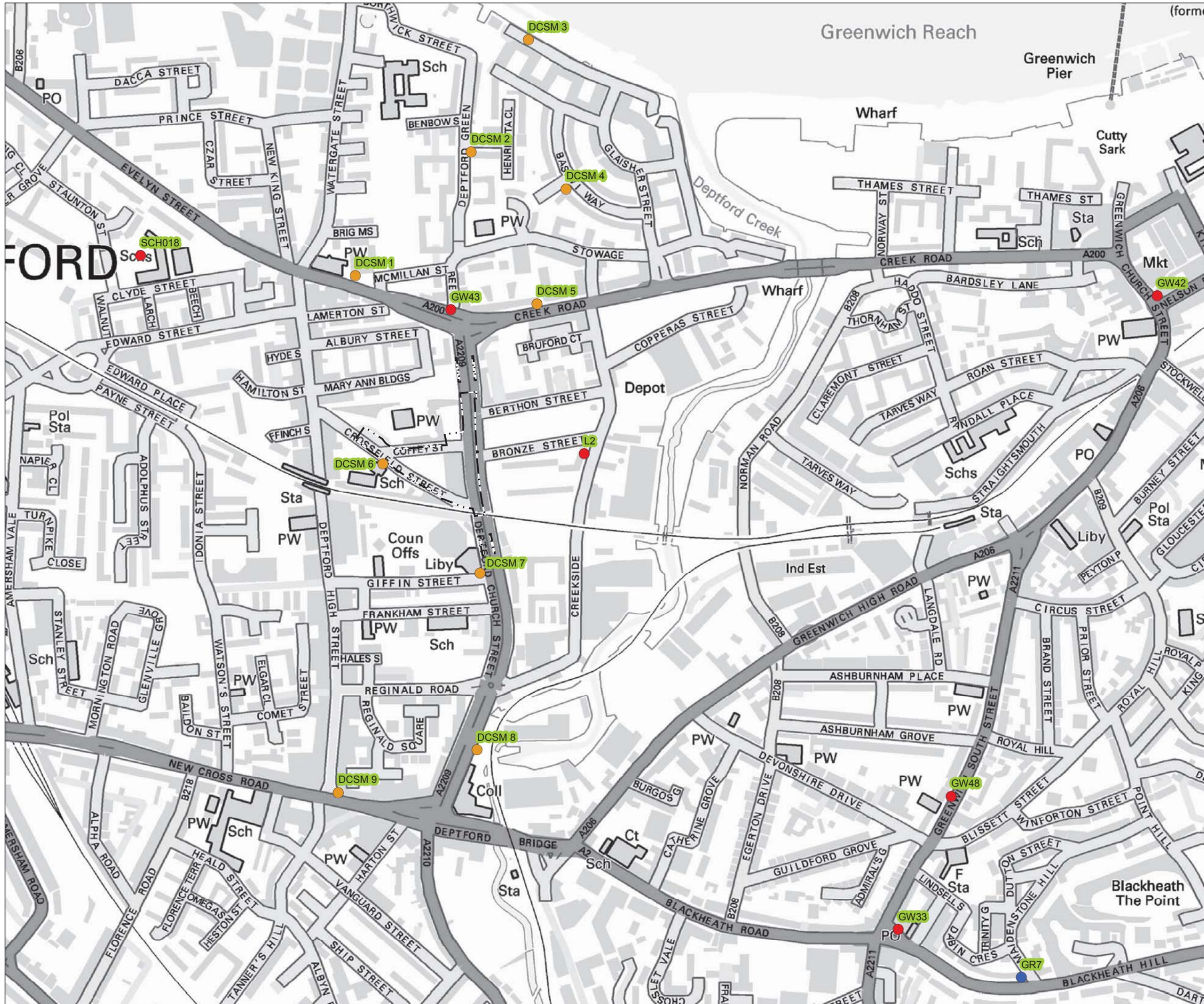


FOR INFORMATION

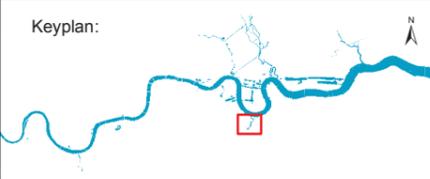
Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Base case and cumulative development projects
 Vol. 23 Figure 3.5.1
 1PL03-MG-00738
 January 2013





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- Key
- Limits of Land to be Acquired or Used
 - Existing Local Authority Continuous Monitors
 - Existing Local Authority Diffusion Tubes
 - New Diffusion Tubes (Project)

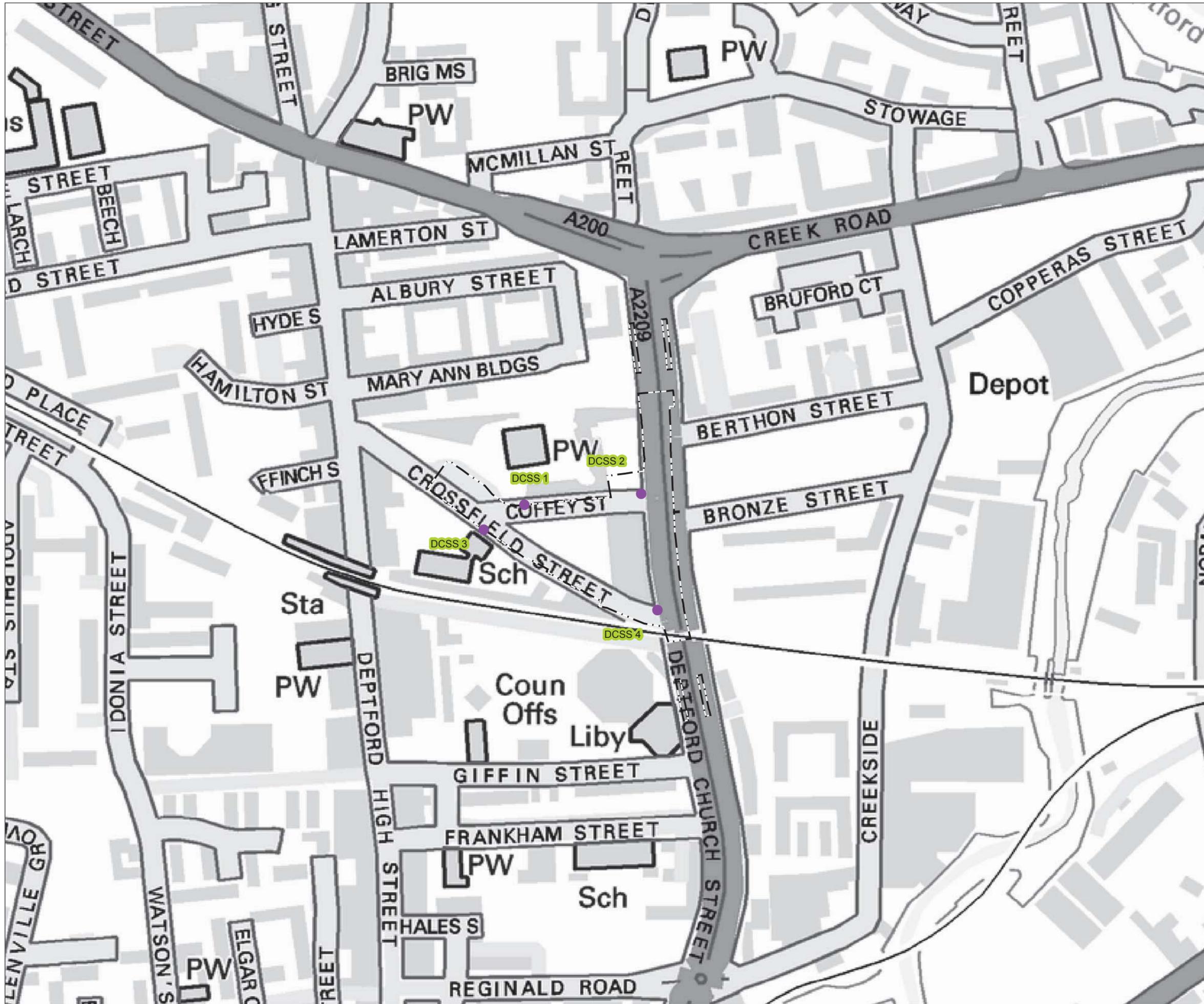


FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Air quality and odour - air quality monitoring sites
 Vol.23 Figure 4.4.1
 1PL03-AQ-10871
 January 2013





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Key

- Limits of Land to be Acquired or Used
- H₂S Monitoring Locations



FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Air quality and odour - H₂S monitoring locations
 Vol.23 Figure 4.4.2
 1PL03-AQ-10872
 January 2013



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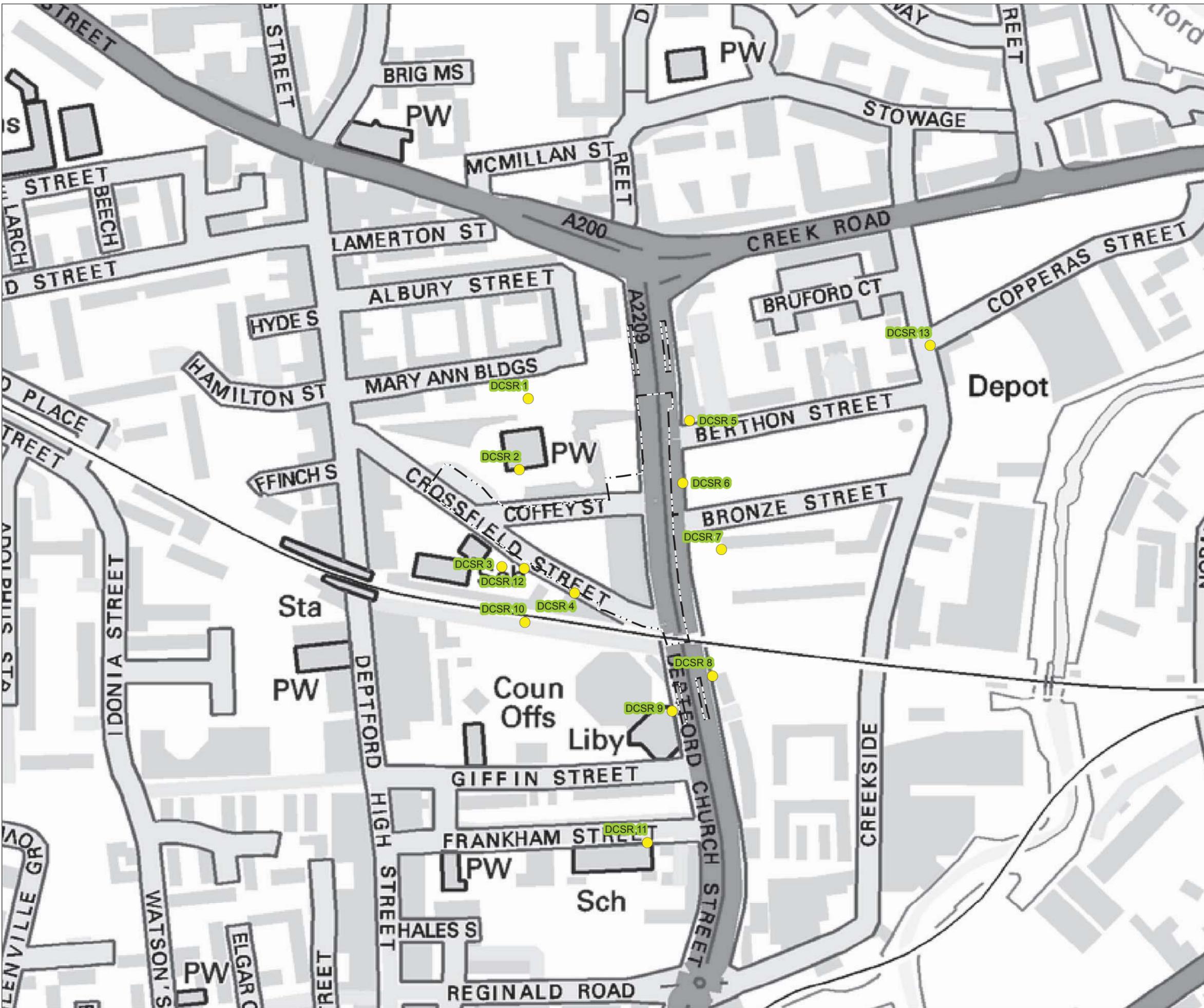


Key

- - - Limits of Land to be Acquired or Used
- Modelled Receptors

Note: The receptors are selected on the basis that they are representative of sensitive land uses closest to the site.

- DCSR 1 - Playground
- DCSR 2 - St Paul's Church
- DCSR 3 - St Joseph's Catholic Primary School Building
- DCSR 4 - Commercial/Retail, Berhams Plumbers Merchant
- DCSR 5 - Residential, Berthon St
- DCSR 6 - Sue Godfrey Local Nature Reserve
- DCSR 7 - Residential, Congers House
- DCSR 8 - Residential, Browne House
- DCSR 9 - Wavelengths Library
- DCSR 10 - Giffin Street Regeneration Area (Proposed)
- DCSR 11 - Tidemill Primary School
- DCSR 12 - St Joseph's Catholic Primary School Playground
- DCSR 13 - Creekside Village East (Proposed)



FOR INFORMATION

Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Air quality and odour - modelled air quality receptors
 Vol.23 Figure 4.4.3
 1PL03-AQ-10873
 January 2013



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Keyplan:



Key

- Limits of Land
- - - to be Acquired or Used
- Predicted Annual Mean NO₂ Concentration (µg/m³)
- 40 - 50
- 50 - 60
- 60 - 80
- 80 - 100



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean NO₂ for 2010 baseline
Vol.23 Figure 4.5.1

1PL03-AQ-10874
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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Keyplan:



Key

- Limits of Land
- - - to be Acquired or Used
- Predicted Annual Mean NO₂ Concentration (µg/m³)
- < 40
- 40 - 50
- 50 - 60
- 60 - 80
- 80 - 100



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean NO₂ for peak construction year base case
Vol.23 Figure 4.5.2

1PL03-AQ-10875
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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Keyplan:



Key

- Limits of Land
- - - to be Acquired or Used
- Predicted Annual Mean NO₂ Concentration (µg/m³)
- < 40
- 40 - 50
- 50 - 60
- 60 - 80
- 80 - 100



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean NO₂ for peak construction year development case Vol.23 Figure 4.5.3

1PL03-AQ-10876
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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Keyplan:



Key

- Limits of Land
 - - - to be Acquired or Used
- Predicted Annual Mean NO₂ Impact (µg/m³)
- < 0.4
 - 0.4 - 1
 - 1 - 1.4
 - 1.4 - 1.8



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean NO₂ impact for peak construction year
Vol.23 Figure 4.5.4

1PL03-AQ-10877
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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Keyplan:



Key

- Limits of Land
 - to be Acquired or Used
- Predicted Annual Mean PM₁₀ Concentration (µg/m³)
- 21 - 23
 - 23 - 25
 - 25 - 28
 - 28 - 32



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean PM₁₀
for 2010 baseline
Vol.23 Figure 4.5.5

1PL03-AQ-10878
January 2013



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Keyplan:



Key

- Limits of Land to be Acquired or Used
- Predicted Annual Mean PM₁₀ Concentration (µg/m³)**
- < 21
- 21 - 23
- 23 - 25
- 25 - 28
- 28 - 32



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Air quality and odour - annual mean PM₁₀ for peak construction year base case
Vol.23 Figure 4.5.6

1PL03-AQ-10879
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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Keyplan:



Key

- Limits of Land
- - - to be Acquired or Used
- Predicted Annual Mean PM₁₀ Concentration (µg/m³)
- < 21
- 21 - 23
- 23 - 25
- 25 - 28
- 28 - 32



Scale 1 : 2,500 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

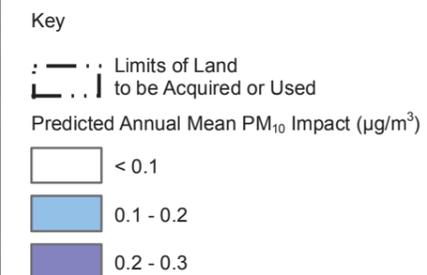
Air quality and odour - annual mean PM₁₀
for peak construction year development case
Vol.23 Figure 4.5.7

1PL03-AQ-10880
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames



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FOR INFORMATION

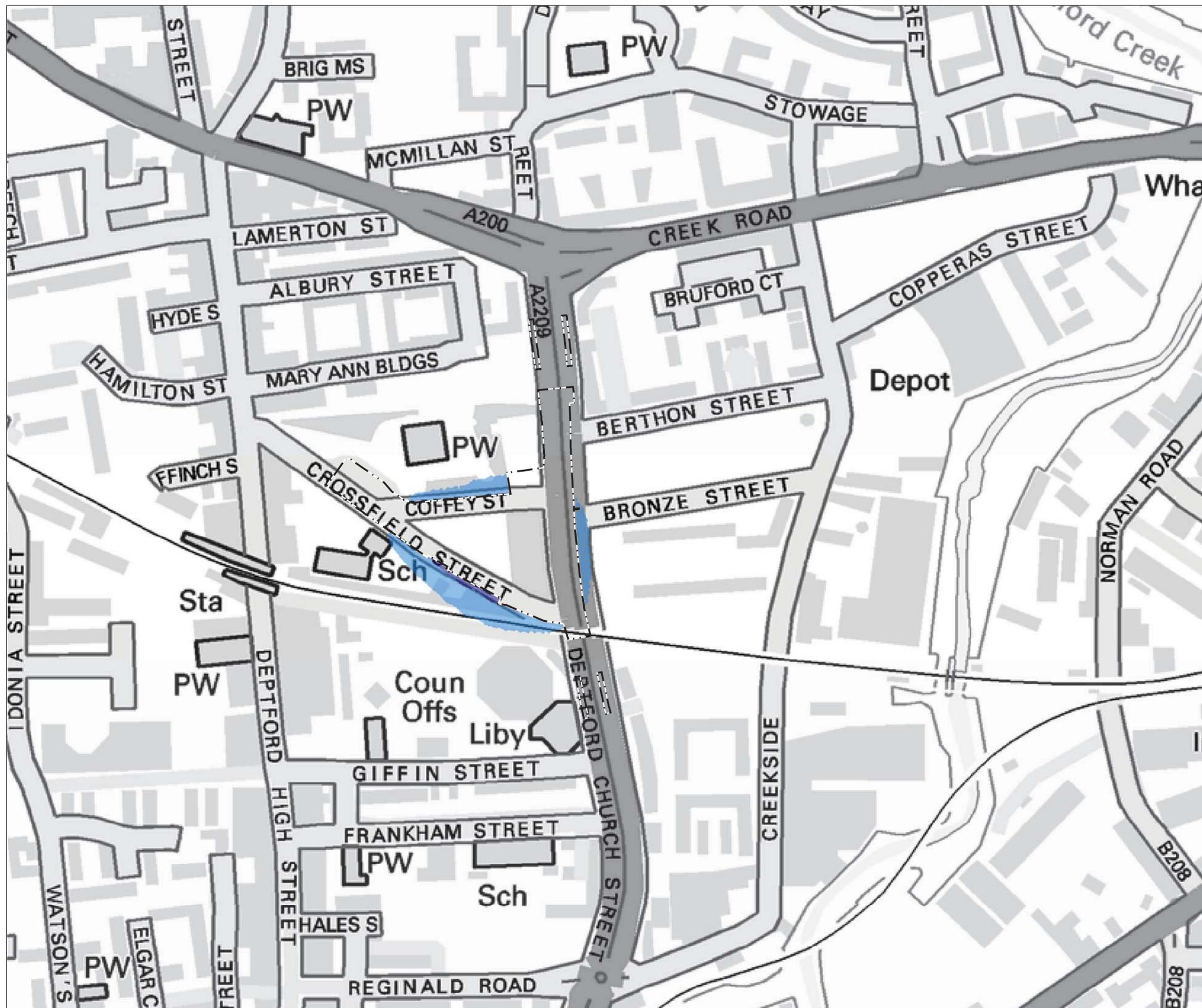
Location
Deptford Church Street
London Borough of Lewisham

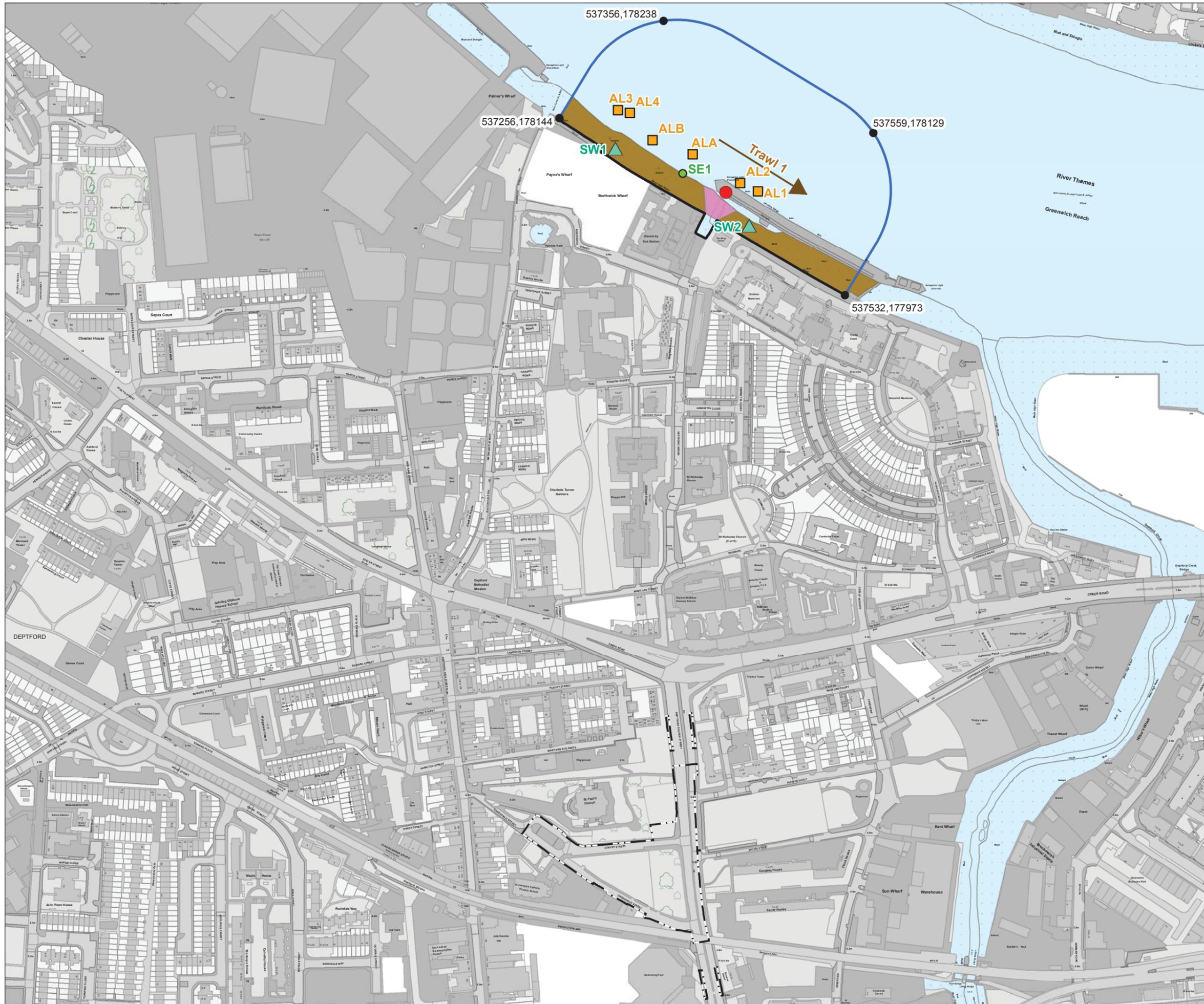
Document Information
Environmental Statement

Air quality and odour - annual mean PM₁₀ impact for peak construction year
Vol.23 Figure 4.5.8

1PL03-AQ-10881
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames

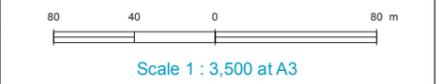




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- Key**
- Limits of Land to be Acquired or Used
 - Sampling Area for Fish and Benthic Invertebrates
 - Coordinates of Sampling Area
 - CSO (Directly Controlled)
 - River Wall
- Habitats**
- Pebbles Dominant
 - Gravel Dominant with Pebbles and Cobble
- Fish**
- Seine Netting
 - Boat Fish Trawl
- Invertebrates**
- Airlift
 - Sweep Sample



FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Aquatic ecology - habitats and sampling locations
 Vol.23 Figure 5.4.1
 1PL03-AE-20091
 January 2013



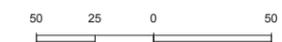
Keyplan:



Key

- Limits of Land
- to be Acquired or Used
- 250m from Site
- Local Authority Boundary
- Sites of Importance for Nature Conservation (SINC)
 - Metropolitan Importance
 - Borough Importance
 - Local Importance
 - Local Nature Reserves

Note:
Aerial Imagery taken in 2010, before assessment.



Scale 1 : 3,000 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Terrestrial ecology - designated sites

Vol. 23 Figure 6.4.1

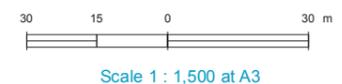
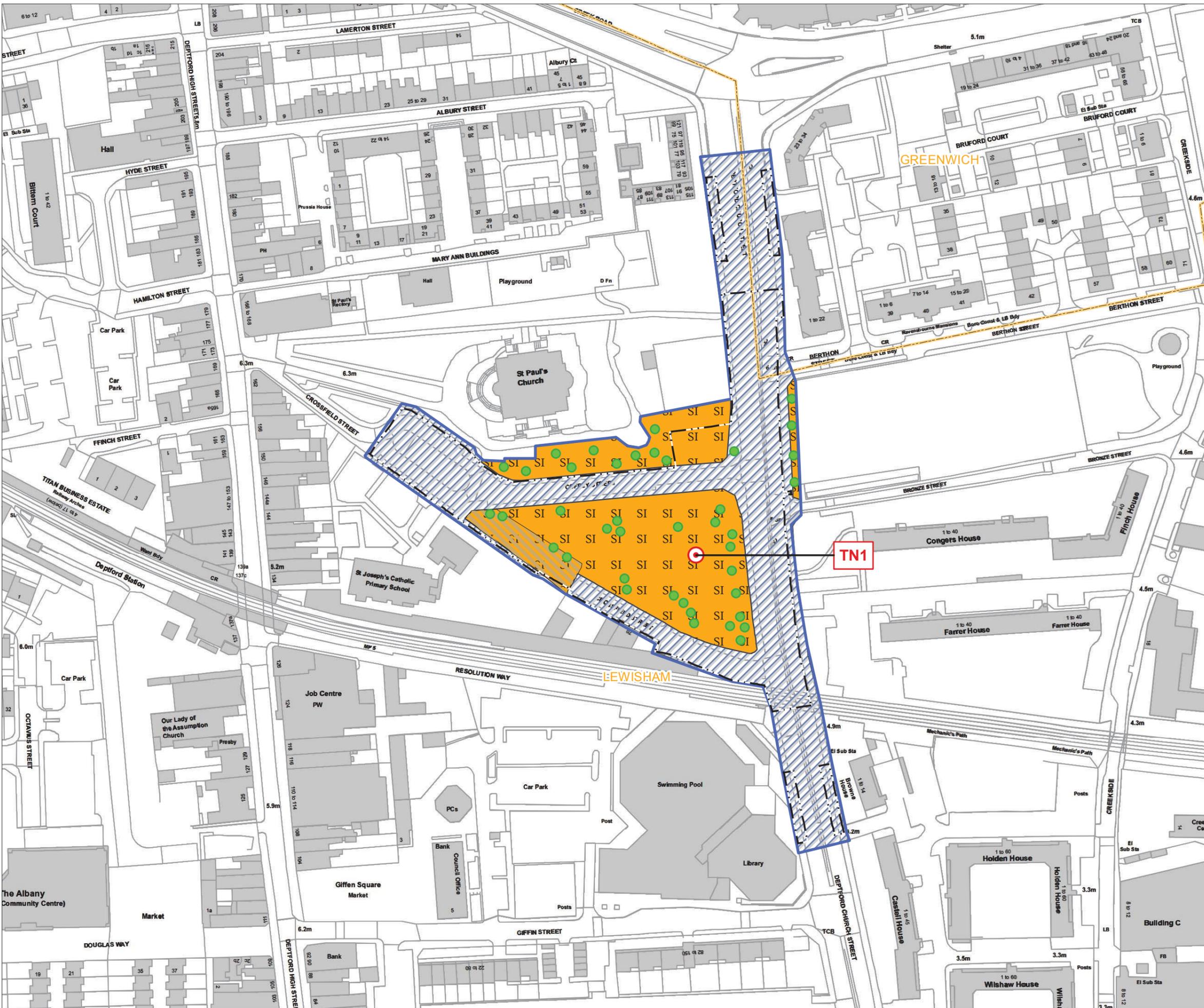
1PL03-TE-40151
January 2013

Thames Tideway Tunnel
Creating a cleaner, healthier River Thames





- Key**
- Limits of Land to be Acquired or Used
 - Survey Area
 - Local Authority Boundary
 - SI Neutral Grassland - Semi-Improved
 - Other - Tall Ruderal
 - Hard Standing
 - Target Node
 - Scattered Trees



Scale 1 : 1,500 at A3

FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Terrestrial ecology – Phase 1 Habitat Survey

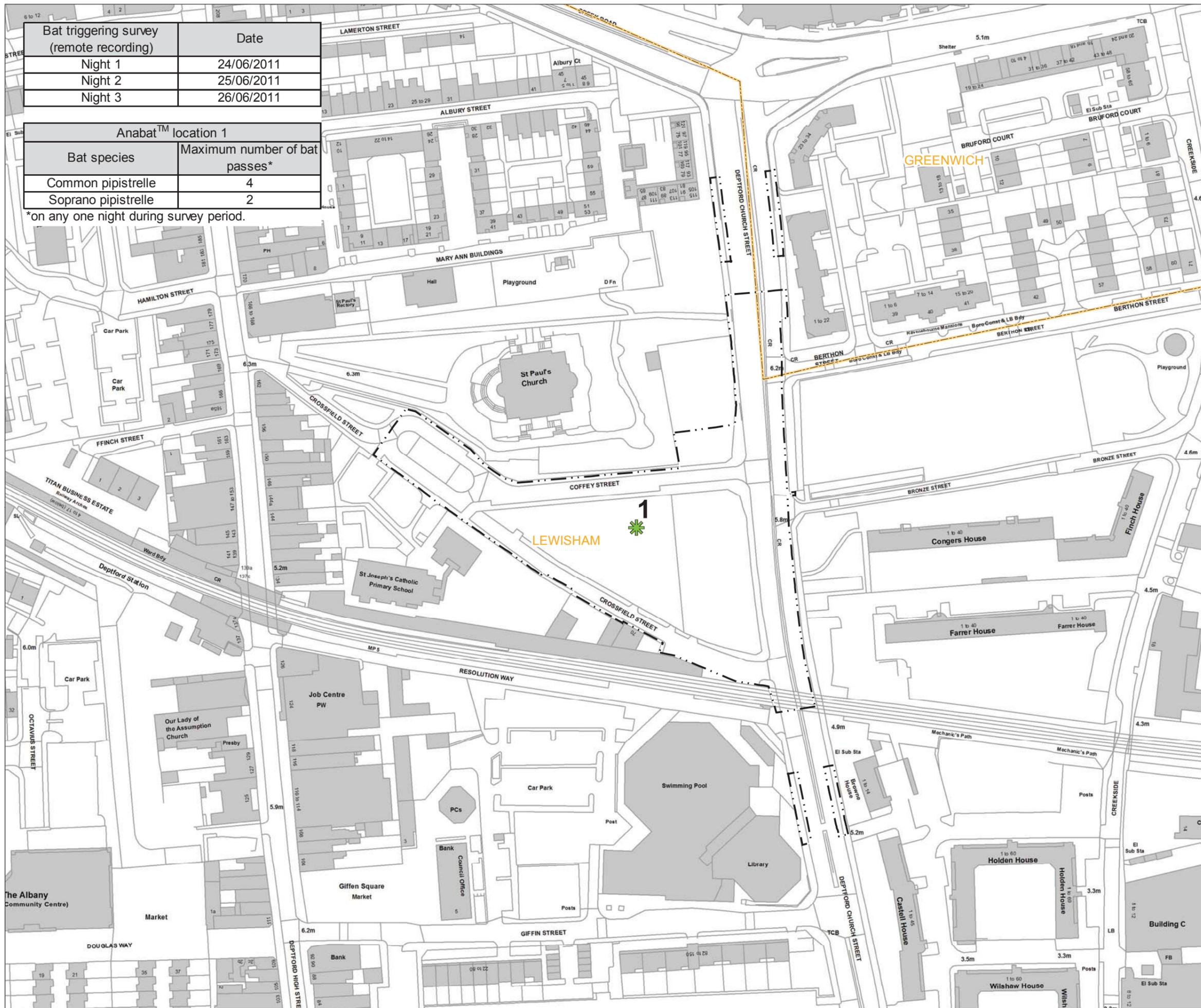
Vol. 23 Figure 6.4.2
 1PL03-TE-40183
 January 2013



Bat triggering survey (remote recording)	Date
Night 1	24/06/2011
Night 2	25/06/2011
Night 3	26/06/2011

Anabat™ location 1	
Bat species	Maximum number of bat passes*
Common pipistrelle	4
Soprano pipistrelle	2

*on any one night during survey period.



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- Key
- Limits of Land
 - - - to be Acquired or Used
 - Local Authority Boundary

- Bat Triggering Survey (Remote Recording)
- ★ Anabat™ Location (1)



FOR INFORMATION

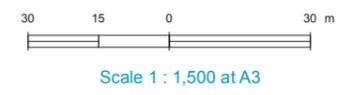
Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Terrestrial ecology – bat triggering (remote recording) survey
 Vol. 23 Figure 6.4.3
 1PL03-TE-40197
 January 2013





- Key
- Limits of Land to be Acquired or Used
 - Survey Area
 - Local Authority Boundary
 - Tall Sward

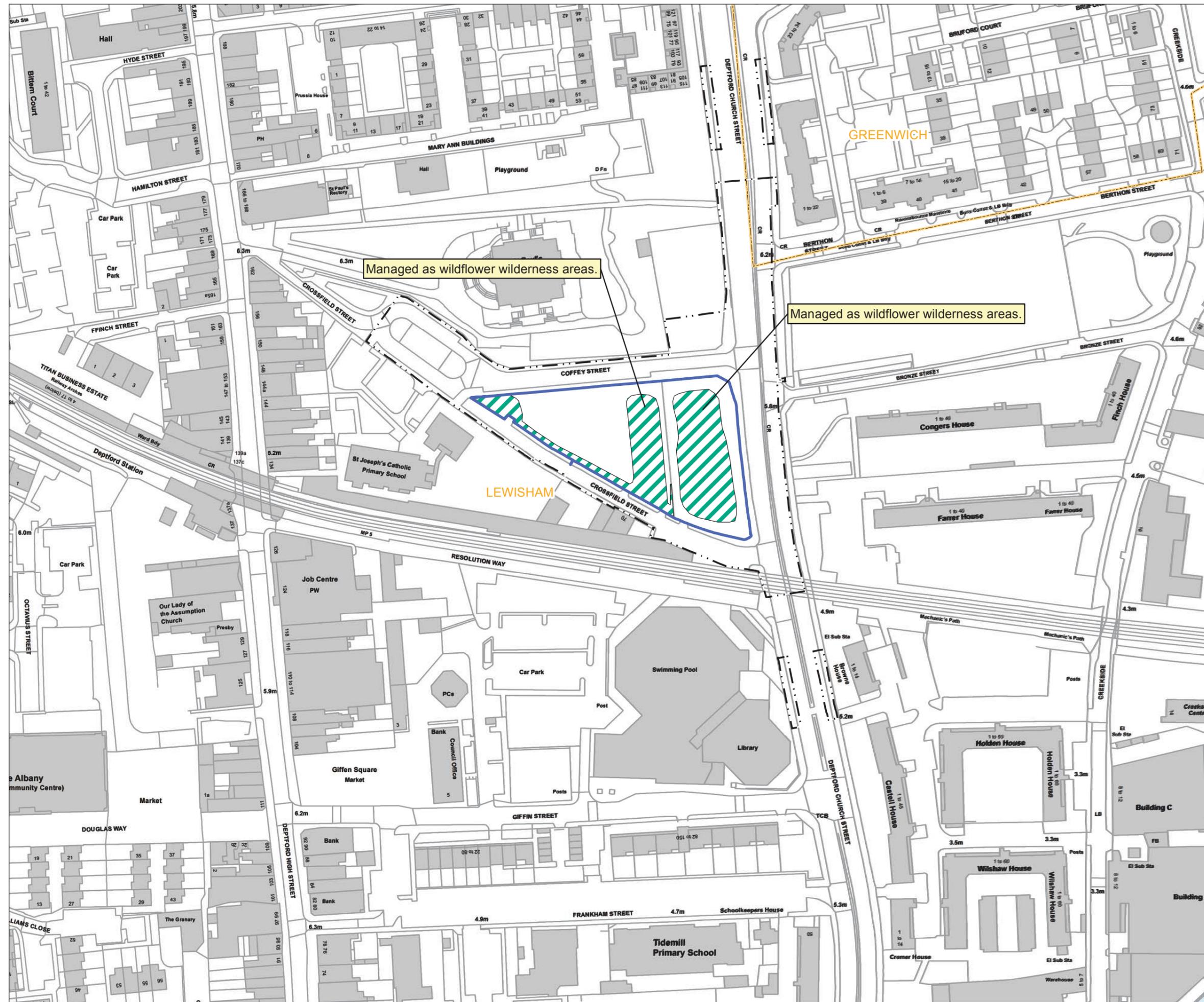


FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Terrestrial ecology – botanical survey

Vol. 23 Figure 6.4.4
1PL03-TE-40228
January 2013



Managed as wildflower wilderness areas.

Managed as wildflower wilderness areas.

Keyplan:

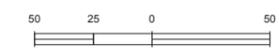


Key

- Limits of Land to be Acquired or Used
- Assessment Area
- Heritage Feature/Findspot
- Past Archaeological Investigation
- Statutorily Listed Building
- Bazalgette Sewer

The reference numbers for historic environment features correspond to the descriptions in the 'Gazetteer of known heritage assets' in Environmental Statement Vol. 23 Appendix E.1

Note: Archaeological Priority Zones/Conservation Areas not shown



Scale 1 : 3,000 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Historic environment -
historic environment features map
Vol.23 Figure 7.4.1

1PL03-HE-60072
January 2013



- Key
- Limits of Land to be Acquired or Used
 - Local Authority Boundary
 - HE Feature/Findspot
 - Statutorily Listed Building
 - Locally Listed Building
 - Conservation Areas
 - Operational phase ZTV
 - Construction phase ZTV



The reference number for historic environment features correspond to the descriptions in the 'Gazetteer of known heritage assets' in Environmental Statement Vol. 23 Appendix E.1



Scale 1 : 2,500 at A3

FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Historic environment - historic character and setting of heritage assets
Vol. 23 Figure 7.4.2
1PL03-HE-65208
January 2013



Keyplan:



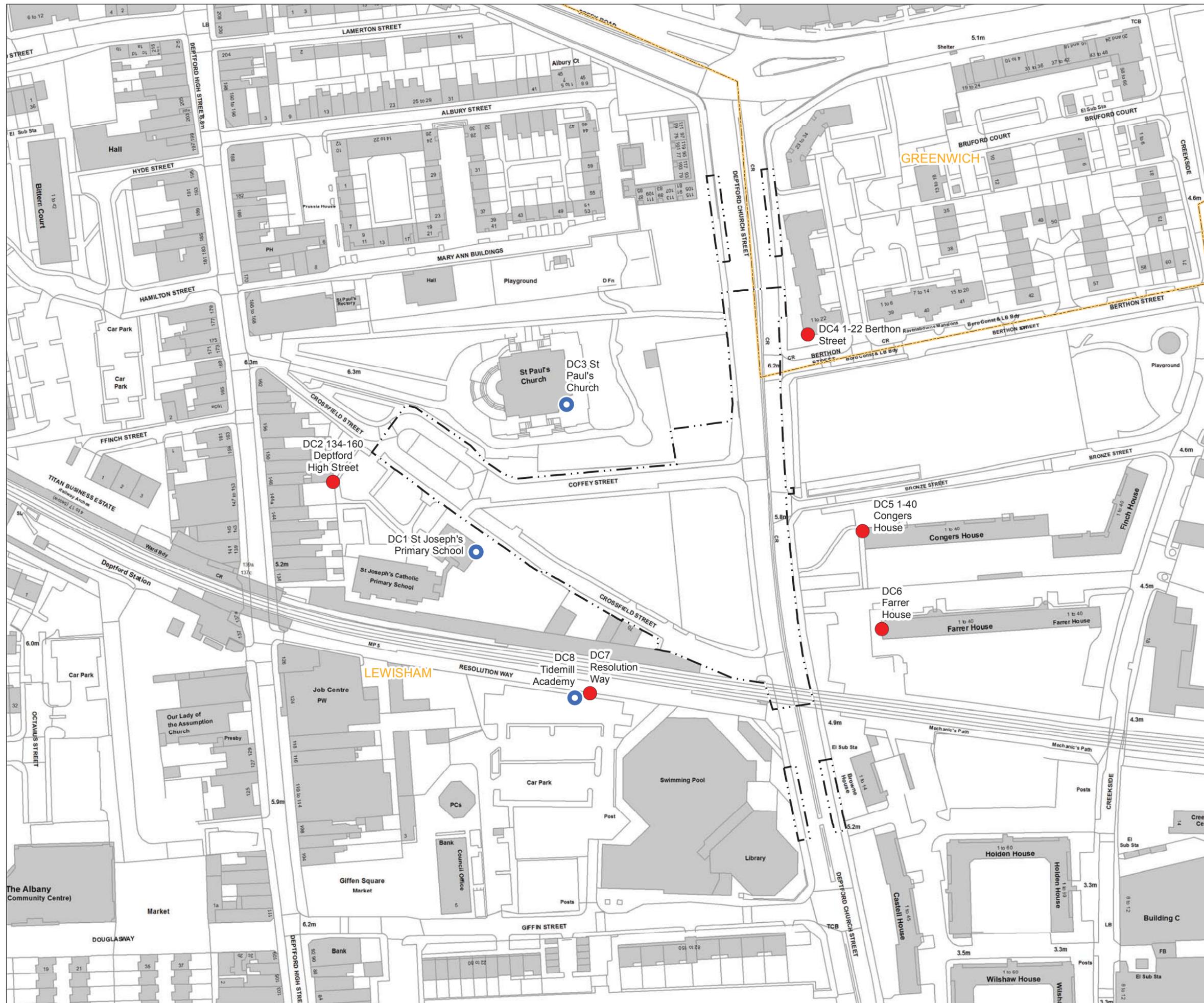
Key

--- Limits of Land to be Acquired or Used

--- Local Authority Boundary

Representative Receptor Locations:

- Residential
- Non-Residential



Note:
The receptors are selected on the basis that they are representative of sensitive land uses closest to the site.



Scale 1 : 1,500 at A3

FOR INFORMATION

Location

Deptford Church Street
Royal Borough of Greenwich

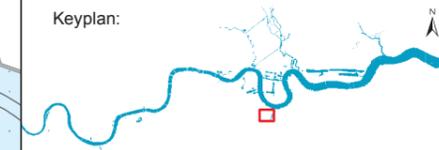
Document Information
Environmental Statement

Noise and vibration - receptor locations

Vol.23 Figure 9.4.1

1PL03-NV-40197
January 2013

Keyplan:



Key

- Limits of Land to be Acquired or Used
- Thames Path
- Receptors and Site Context Features

Receptors and Site Context Features

1. Crossfield Street Open Space
2. St. Paul's Churchyard
3. Sue Godfrey Local Nature Reserve
4. St. Paul's Church
5. St. Joseph's RC Primary School
6. Industrial Units
7. Ferranti Park
8. School Pick-up and Drop-off Zone
9. Greenwich Pumping Station Proposed Construction Site
10. Playground (Mary Ann Buildings)
11. Trinity Laban Conservatoire
12. Deptford High Street
13. Giffin Street Regeneration Area and Tidemill Academy
14. Wavelengths Leisure Centre and Library
15. Charlotte Turner Gardens

Note: Residential receptors have been identified on land use plans for this site.



Scale 1 : 3,000 at A3

FOR INFORMATION

Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement

Socio-economics - context plan

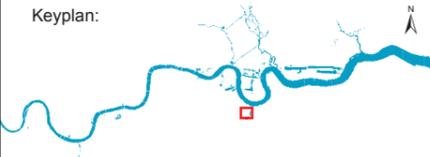
Vol.23 Figure 10.4.1

1PL03-SE-20053

January 2013



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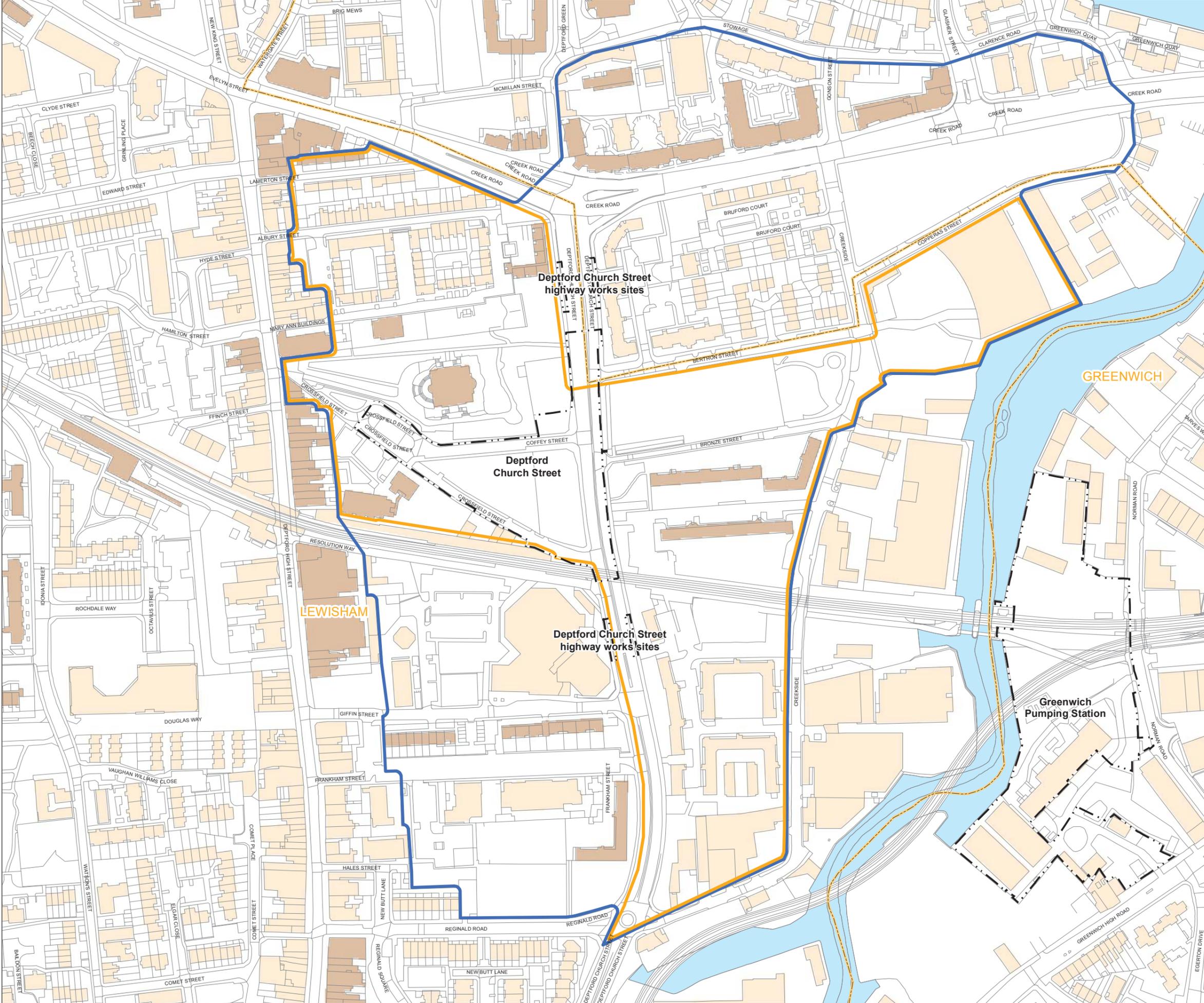
- Key:**
- Limits of Land
 - - - to be Acquired or Used
 - Local Authority boundary
 - Extents of construction phase townscape assessment area
 - Extents of operational phase townscape assessment area
 - River Thames and tidal tributaries
- Building heights**
- 0 - 20m
 - 20 - 40m
 - 40 - 60m
 - 60 - 80m
 - 80 - 100m
 - >100m



FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Townscape and visual
 Development pattern and scale
 Vol. 23 Figure 11.4.1
 1PL03-TS-40507
 January 2013





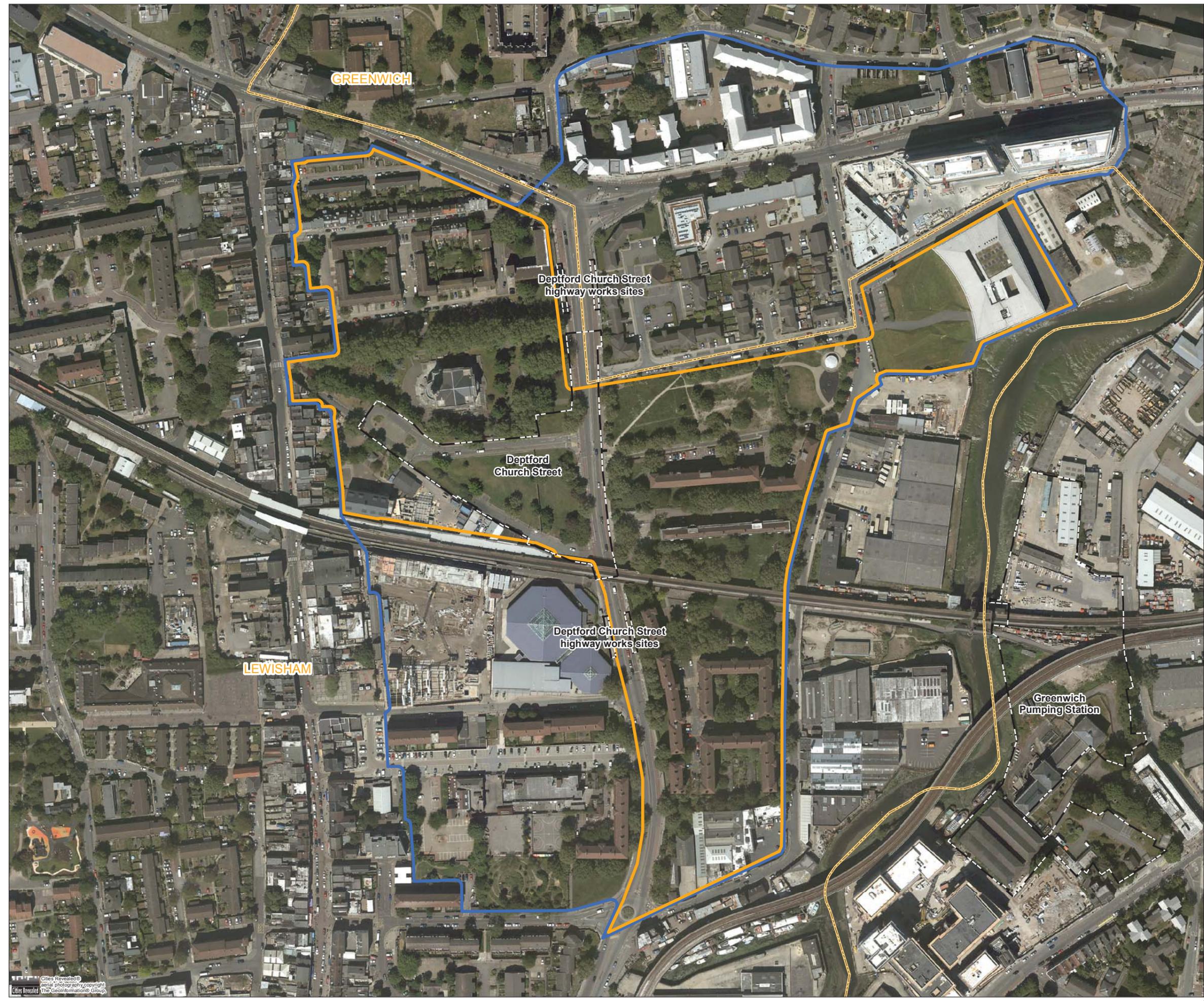
- Key:
- Limits of Land to be Acquired or Used
 - Local Authority boundary
 - Extents of construction phase townscape assessment area
 - Extents of operational phase townscape assessment area



FOR INFORMATION

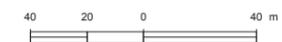
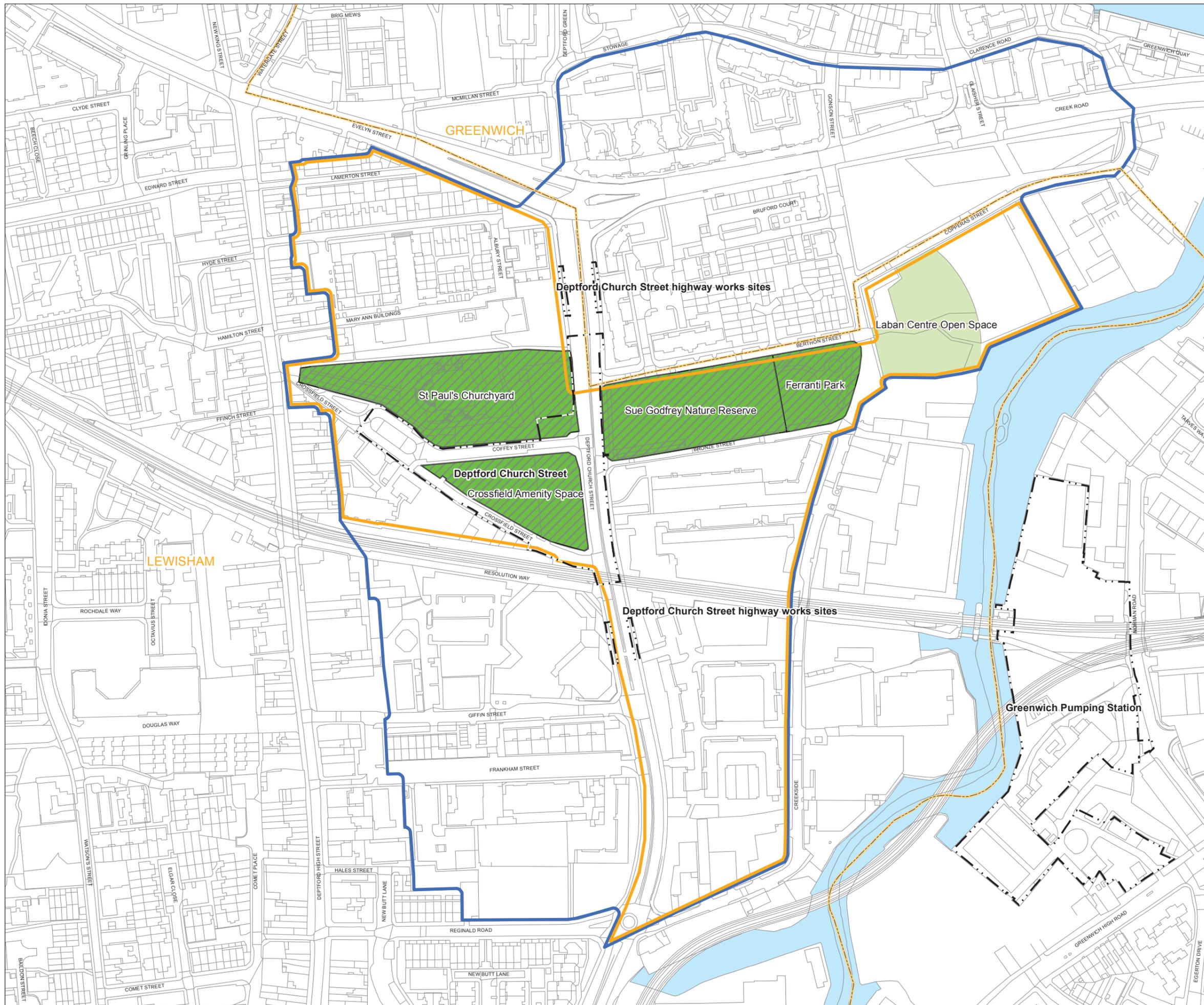
Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Townscape and visual
Aerial photo showing pattern of vegetation
Vol. 23 Figure 11.4.2
1PL03-TS-40508
January 2013





- Key:**
- Limits of Land
 - - - to be Acquired or Used
 - Local Authority boundary
 - Extents of construction phase townscape assessment area
 - Extents of operational phase townscape assessment area
 - Designated open space
 - Public open space
 - Private open space
 - River Thames and tidal tributaries



Scale 1 : 2,500 at A3

FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Townscape and visual
 Open spaces
 Vol. 23 Figure 11.4.3
 1PL03-TS-40509
 January 2013



Keyplan:



Key:

- Limits of Land to be Acquired or Used
- Local Authority boundary
- Extents of construction phase townscape assessment area
- Extents of operational phase townscape assessment area
- National Rail stations
- Thames Path
- Provision for cyclists alongside busy roads
- London cycle routes
- Rail
- A roads
- River Thames and tidal tributaries

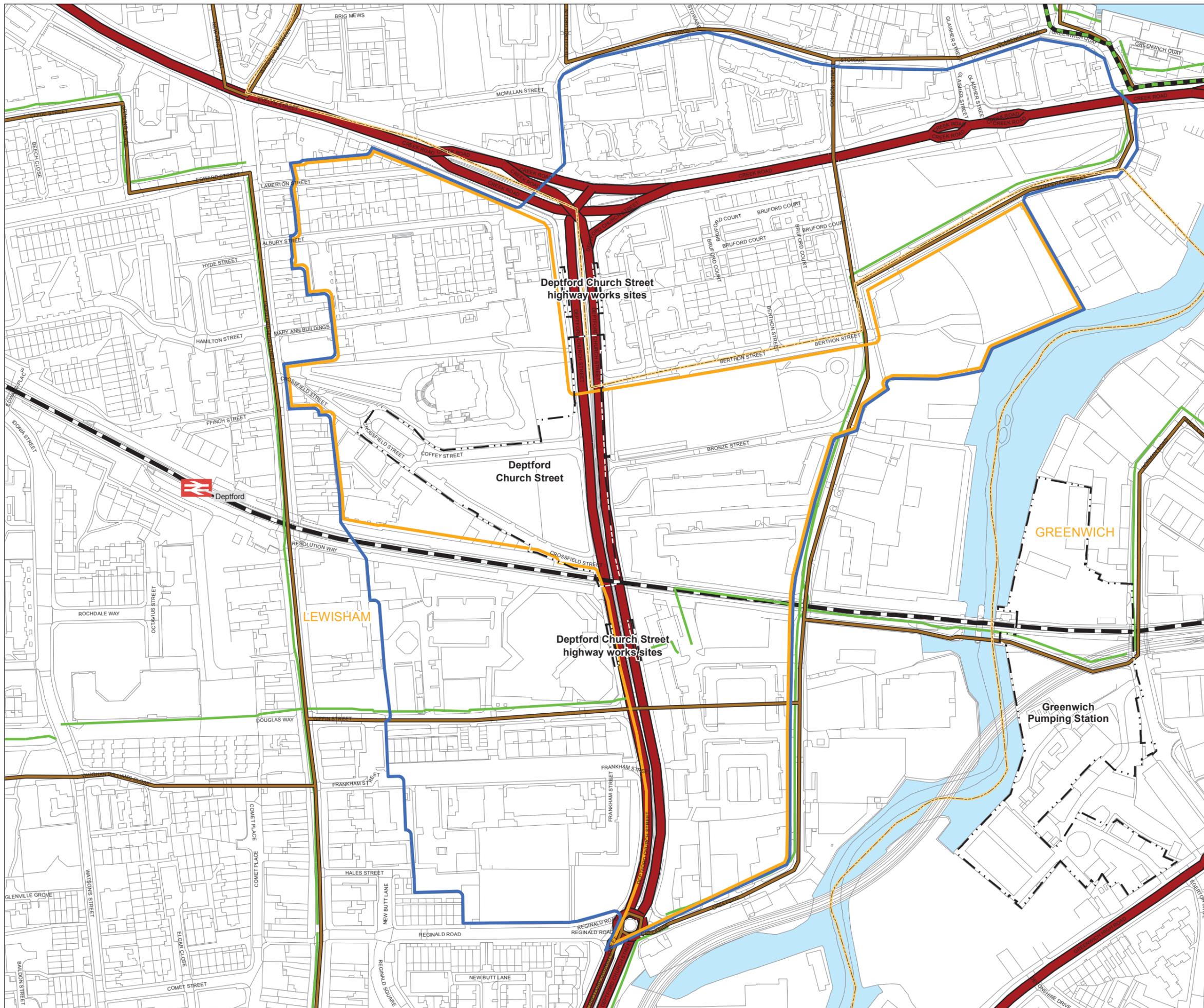


Scale 1 : 2,500 at A3

FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

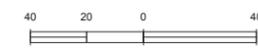
Document Information
Environmental Statement
 Townscape and visual
 Transport routes
 Vol. 23 Figure 11.4.4
 1PL03-TS-40510
 January 2013





- Key:**
- Limits of Land
 - - - to be Acquired or Used
 - Local Authority boundary
 - Extents of construction phase townscape assessment area
 - Extents of operational phase townscape assessment area
 - Conservation areas

The colour fills shown on the plan are used to differentiate between townscape character areas

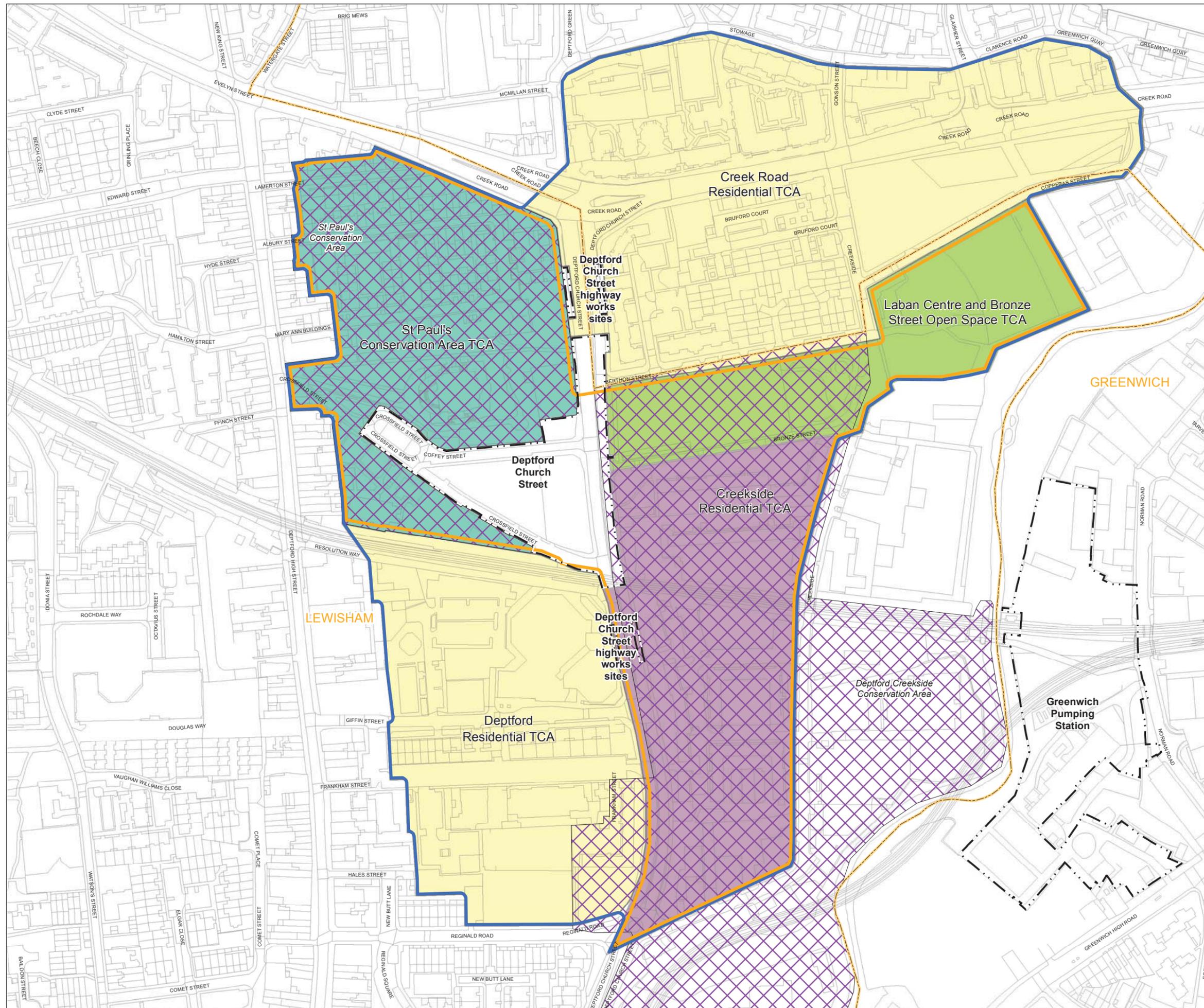


Scale 1 : 2,500 at A3

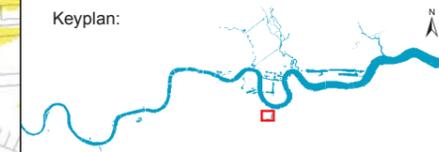
FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Townscape and visual
 Townscape character areas
 Vol. 23 Figure 11.4.5
 1PL03-TS-40511
 January 2013



Keyplan:



Key:

The zone of theoretical visibility (ZTV) is a computer generated model which indicates the theoretical visibility of the construction works (including cranes) and operational structures. As described in Volume 2 the ZTV is a starting point for defining the assessment area and for informing the assessment of likely significant effects. Theoretical visibility does not necessarily mean a location would be subject to adverse effects.

- Limits of Land
- to be Acquired or Used
- Local Authority boundary
- Visual assessment points
- Verifiable photomontage locations
- London View Management Framework (LVMF) London Panorama
- Construction phase ZTV
- Operational phase ZTV
- River Thames and tidal tributaries



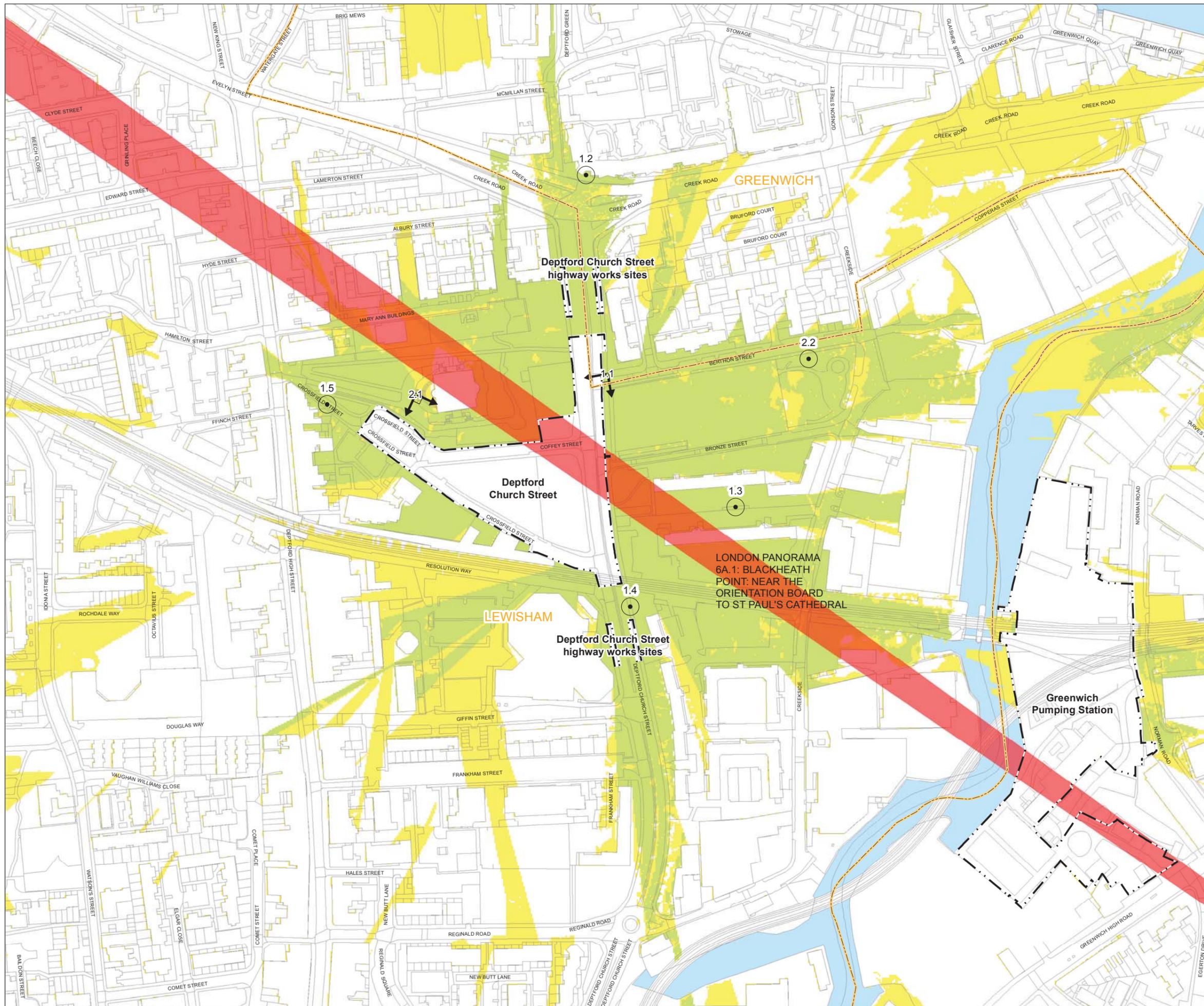
Scale 1 : 2,500 at A3

FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement

Townscape and visual
Viewpoints
Vol. 23 Figure 11.4.6
1PL03-TS-40512
January 2013



Current baseline

Tide Mill Way residential development Deptford Church Street (A2209) St Paul's Church



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Keyplan:



Technical information

Location: Viewpoint 1.1: View southwest from residences on Berthon Street at the junction with Deptford Church Street
 Date taken: 7 December 2011
 Time taken: 11.39
 Focal length: 51.702mm

This verifiable photomontage shows an illustration of how the construction site may be set up during phase 2 (tunnelling). The layout of the construction activities may change within the maximum extent of working area (see Construction phases – phase 2 tunnelling [see volume of figures - Section 1]), however the assessment of effects would be no worse than that described in the Environmental Statement Vol 23 Deptford Church Street – Section 11 Townscape and visual.

Expanded image



Construction phase verifiable photomontage



FOR INFORMATION

Expanded image

Site hoardings

Construction plant

Storage

Welfare and office facilities



Location

Deptford Church Street
 London Borough of Lewisham

Document Information

Environmental Statement

Townscape and visual
 Viewpoint 1.1
 Construction phase verifiable photomontage
 Vol 23 Figure 11.5.1
 1PL03-TS-40513
 January 2013

Thames Tideway Tunnel
 Creating a cleaner, healthier River Thames



Current baseline

Tide Mill Way residential development

St Joseph's RC Primary School

St Paul's Churchyard

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Keyplan:



Technical information

Location: Viewpoint 2.1: View southeast from the steps of St Paul's Church
 Date taken: 7 December 2011
 Time taken: 11.09
 Focal length: 51.692mm

This verifiable photomontage shows an illustration of how the construction site may be set up during phase 2 (tunnelling). The layout of the construction activities may change within the maximum extent of working area (see Construction phases – phase 2 tunnelling [see volume of figures - Section 1]), however the assessment of effects would be no worse than that described in the Environmental Statement Vol 23 Deptford Church Street – Section 11 Townscape and visual.



St Pauls Church

Expanded image



Construction phase verifiable photomontage



Expanded image

Welfare and office facilities

Site hoardings



Construction plant

FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement

Townscape and visual
 Viewpoint 2.1
 Construction phase verifiable photomontage
 Vol 23 Figure 11.5.2
 1PL03-TS-40514
 January 2013



Current baseline

Tide Mill Way residential development Deptford Church Street (A2209) St Paul's Church (Grade I listed)

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Keyplan:



Technical information

Location: Viewpoint 1.1: View southwest from residences on Berthon Street at the junction with Deptford Church Street
Date taken: 7 December 2011
Time taken: 11.39
Focal length: 51.702mm

This verifiable photomontage shows an illustration of the site in Year 1 of operation. The layout of the proposed development may change within the zones shown on the Site works parameter plan [see volume of figures – Section 1], however the assessment of effects would be no worse than that described in the Environmental Statement Vol 23 Deptford Church Street - Section 11 Townscape and visual.



Expanded image



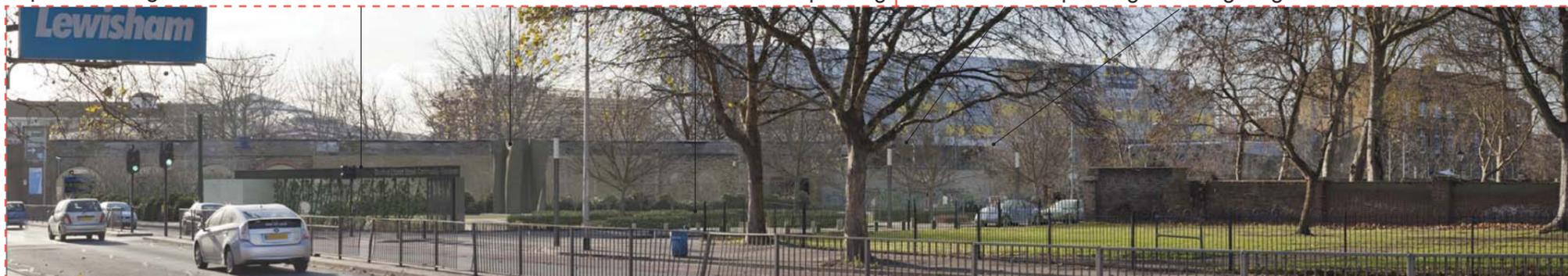
Operational phase verifiable photomontage



FOR INFORMATION

Expanded image

Park entrance Ventilation columns New low level planting Reinstated tree planting New lighting



Location

Deptford Church Street
London Borough of Lewisham

Document Information

Environmental Statement
Townscape and visual
Viewpoint 1.1
Operational phase verifiable photomontage
Vol 23 Figure 11.6.1
1PL03-TS-40515
January 2013



Current baseline

Tide Mill Way residential development

St Joseph's RC Primary School

St Paul's Churchyard

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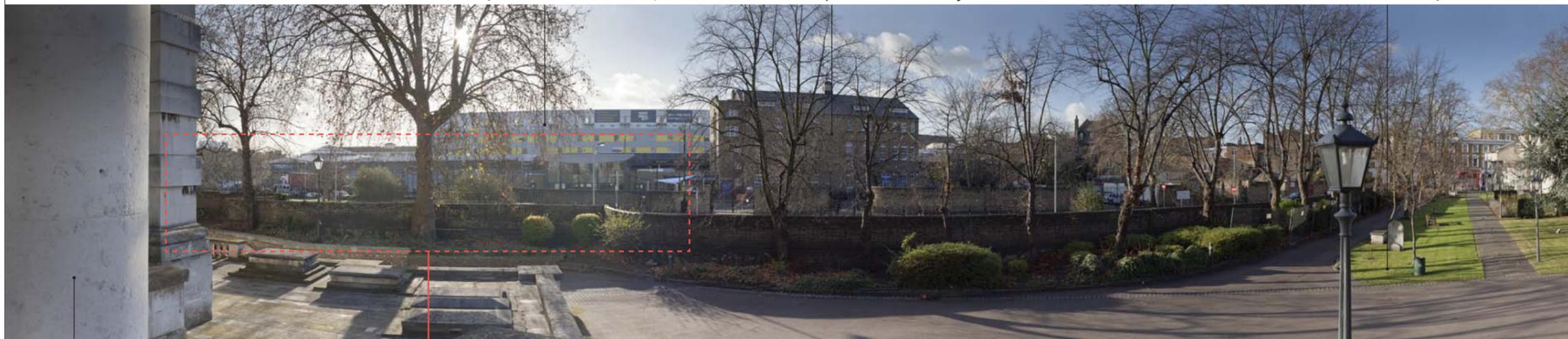
Keyplan:



Technical information

Location: Viewpoint 2.1: View southeast from the steps of St Paul's Church
 Date taken: 7 December 2011
 Time taken: 11.09
 Focal length: 51.692mm

This verifiable photomontage shows an illustration of the site in Year 1 of operation. The layout of the proposed development may change within the zones shown on the Site works parameter plan [see volume of figures – Section 1], however the assessment of effects would be no worse than that described in the Environmental Statement Vol 23 Deptford Church Street - Section 11 Townscape and visual.

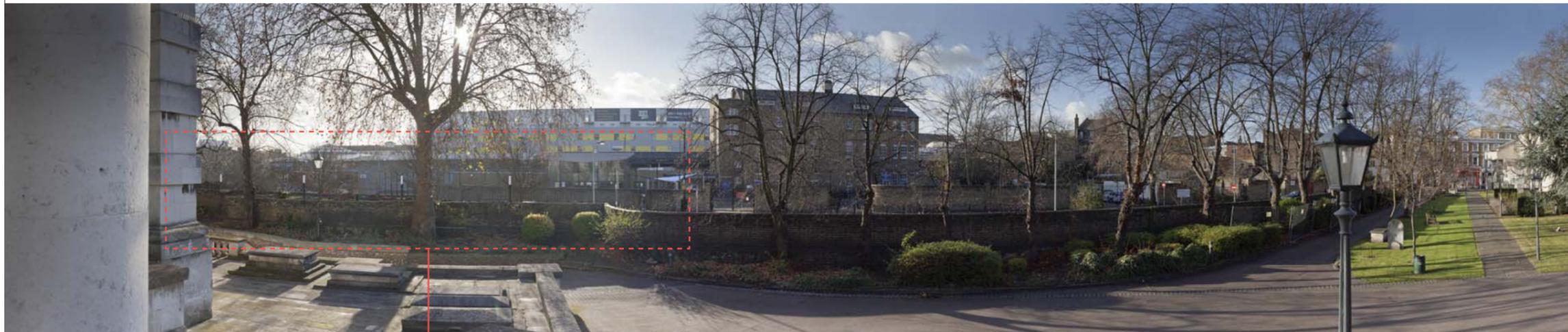


St Pauls Church

Expanded image



Operational phase verifiable photomontage



Expanded image

New lighting columns New low level planting



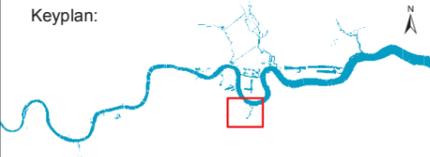
Reinstated tree planting

FOR INFORMATION

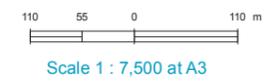
Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Townscape and visual
 Viewpoint 2.1
 Operational phase verifiable photomontage
 Vol 23 Figure 11.6.2
 1PL03-TS-40516
 January 2013





- Key**
- * Site access
 - TFL road network
 - Strategic road network
 - Primary construction route
 - Limits of Land to be Acquired or Used
 - Local authority boundary



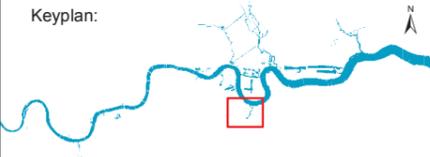
FOR INFORMATION

Location
 Deptford Church Street
 London Borough Of Lewisham

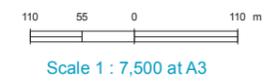
Document Information
Environmental Statement
 Transport - construction traffic routes

Vol.23 Figure 12.2.1
 1PL03-TT-50451
 January 2013





- Key**
- Pumping station
 - TFL road network
 - Strategic road network
 - Limits of Land to be Acquired or Used
 - Local authority boundary



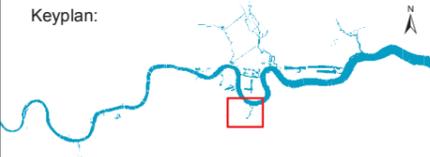
FOR INFORMATION

Location
 Deptford Church Street
 London Borough Of Lewisham

Document Information
 Environmental Statement
 Transport - site location plan

Vol.23 Figure 12.4.1
 1P103-TT-50459
 January 2013





- Key**
- TFL bus stops
 - Pier locations
 - National rail stations
 - Docklands light railway stations
 - London overground stations
 - TfL bus routes
 - Limits of Land to be Acquired or Used
 - Local authority boundary

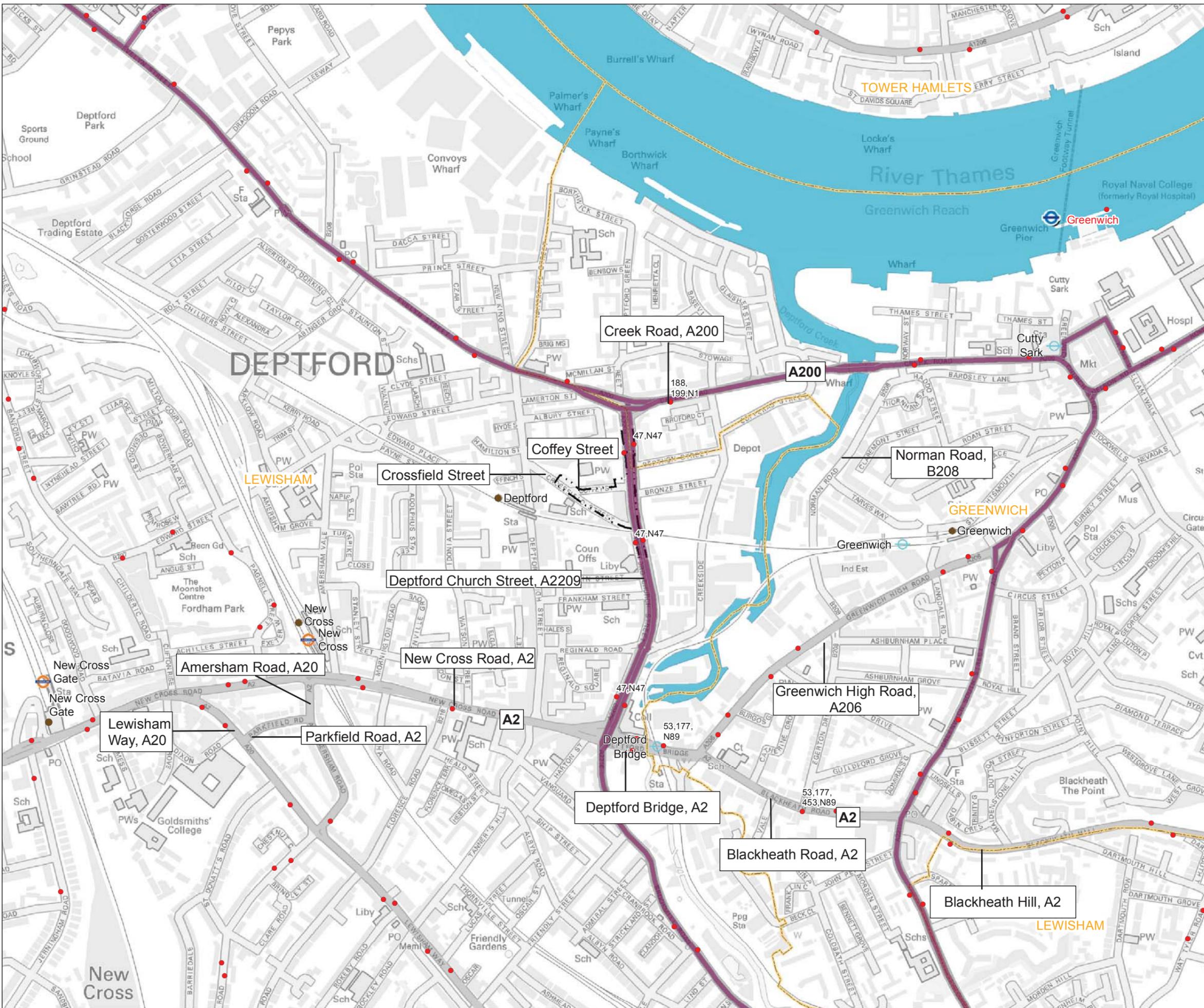


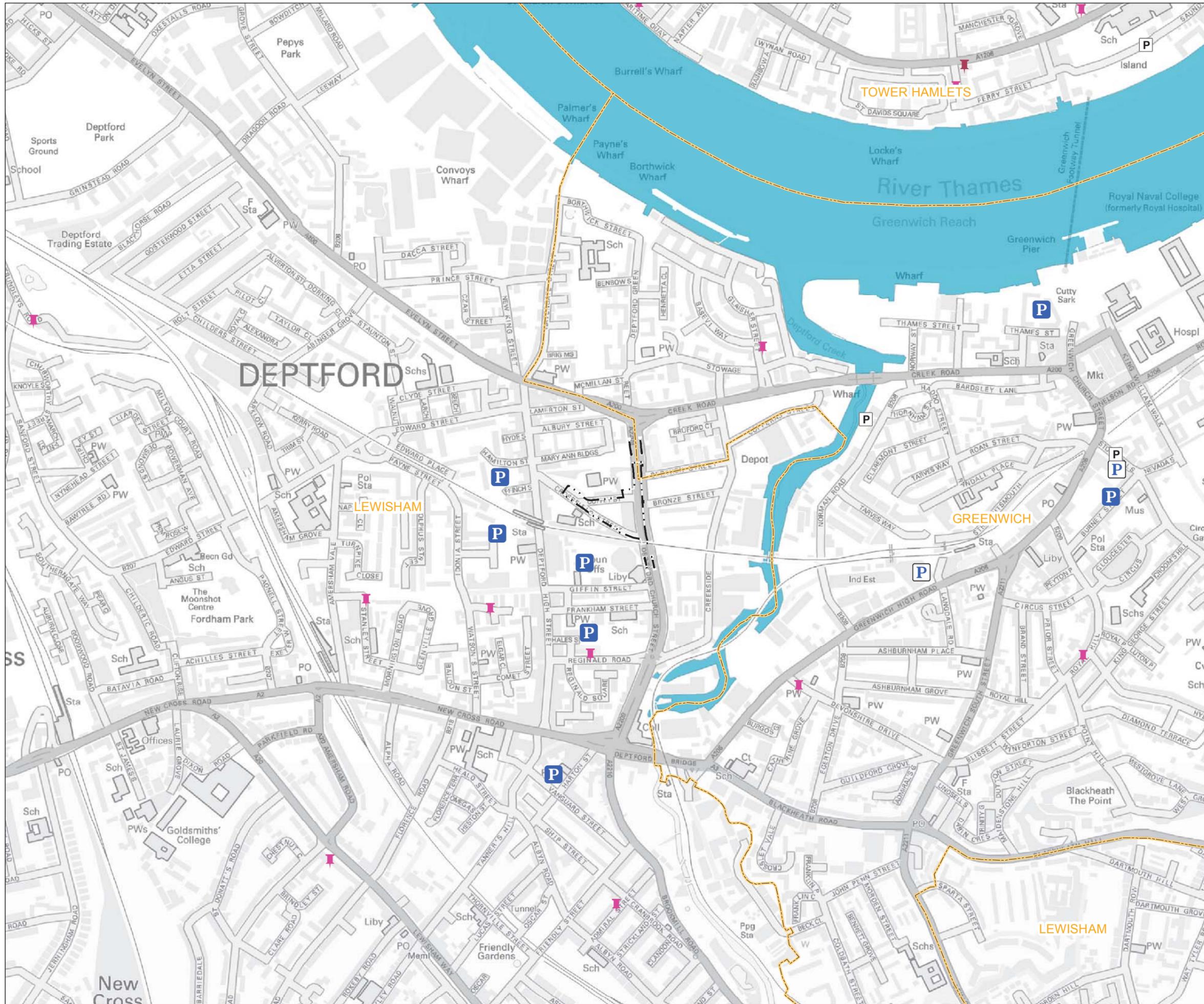
FOR INFORMATION

Location
Deptford Church Street
 London Borough Of Lewisham

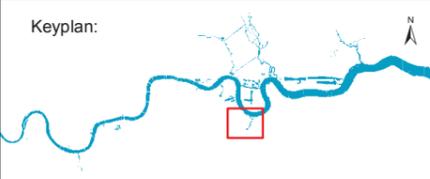
Document Information
Environmental Statement
 Transport - public transport

Vol.23 Figure 12.4.3
 1PL03-TT-50475
 January 2013





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- Key**
- Council parking
 - Private car parking
 - Coach Parking
 - Zip Car
 - Hertz on Demand
 - Limits of Land to be Acquired or Used
 - Local authority boundary



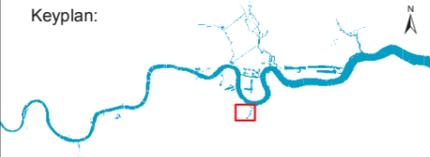
FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

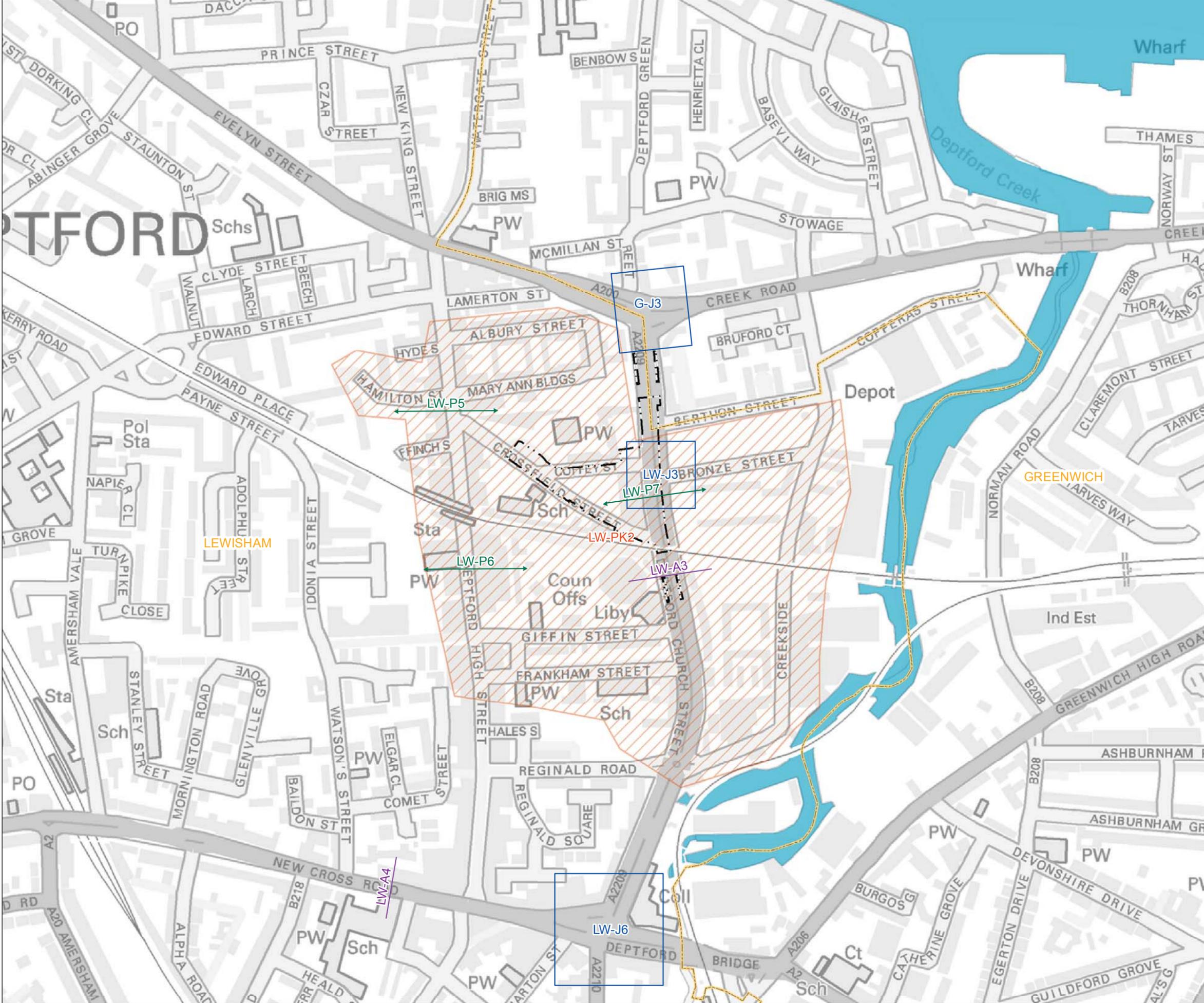
Document Information
 Environmental Statement
 Transport - parking

Vol.23 Figure 12.4.4
 1PL03-TT-50483
 January 2013





- Key**
- Automatic traffic count surveys
 - Pedestrian and cycle surveys
 - Junction surveys
 - Parking surveys
 - Limits of Land to be Acquired or Used
 - Local authority boundary



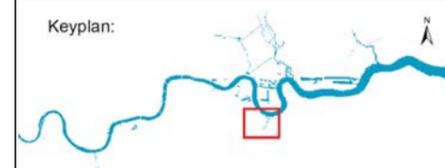
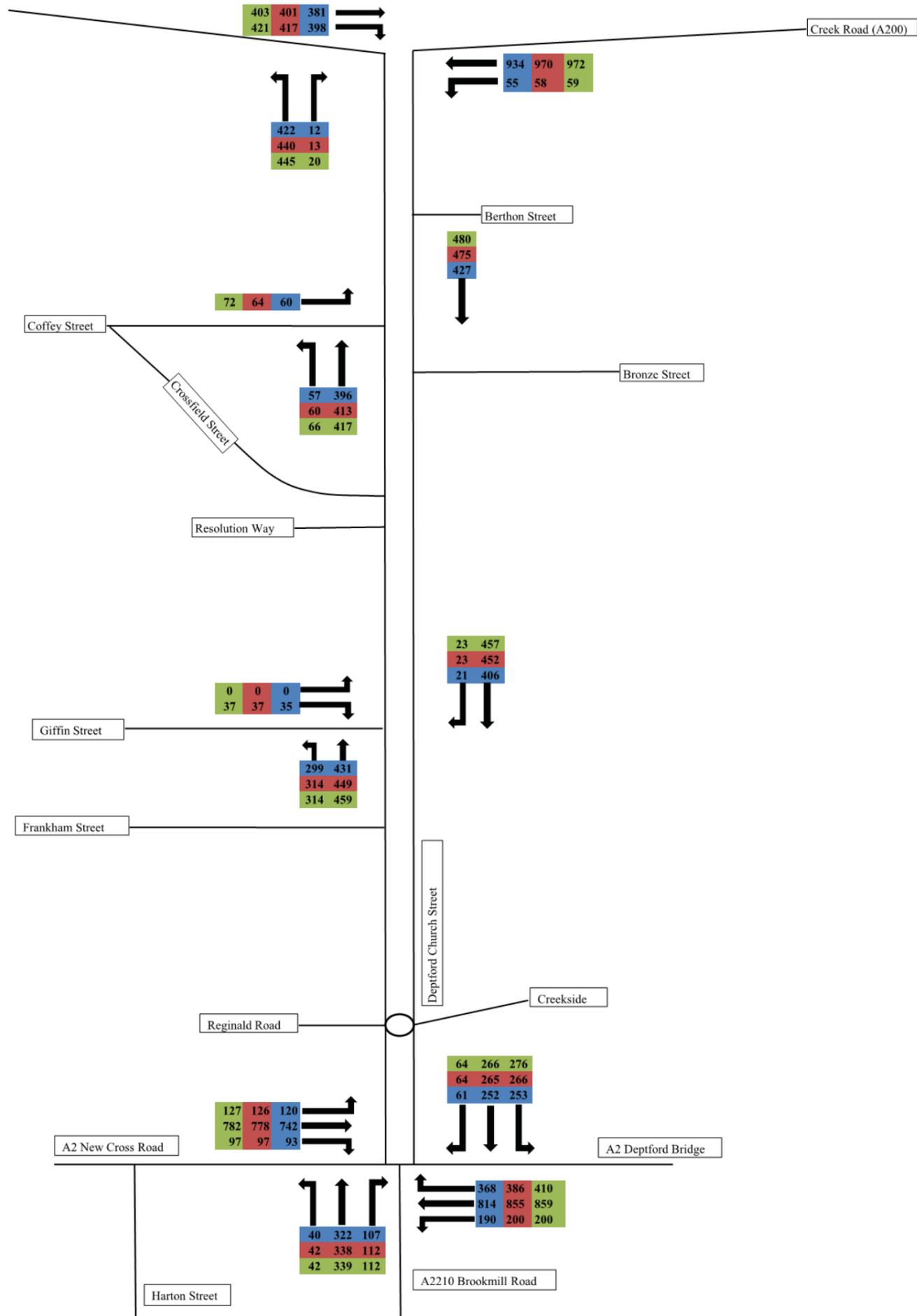
FOR INFORMATION

Location
Deptford Church Street
 London Borough Of Lewisham

Document Information
Environmental Statement
 Transport - survey locations

Vol.23 Figure 12.4.5
 1PL03-TT-50491
 January 2013



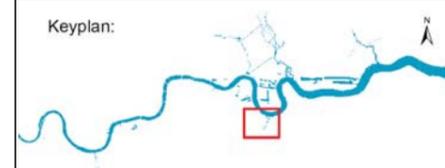
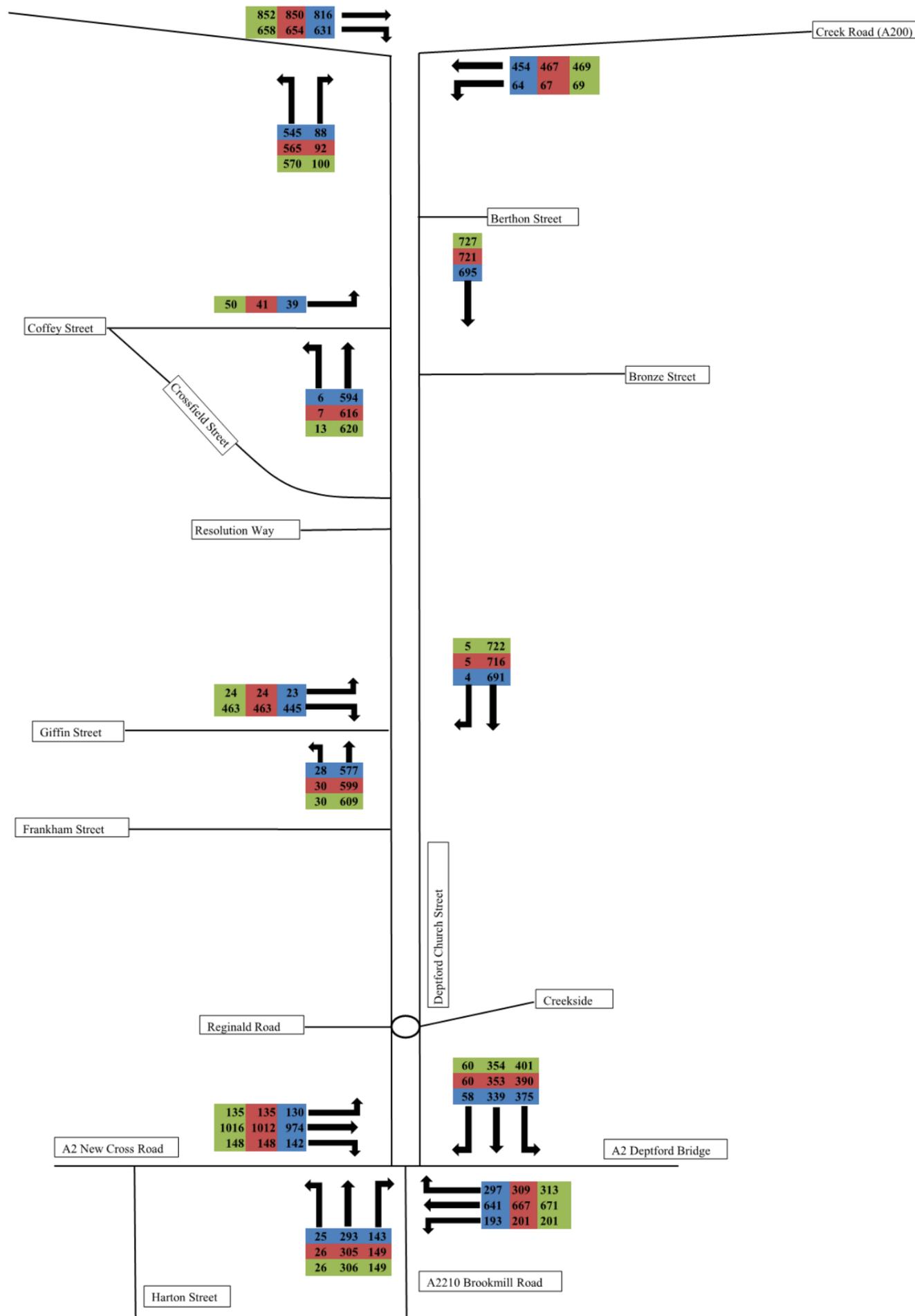


FOR INFORMATION

Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Transport - Baseline, Construction and Development case traffic flow (AM peak hour)
 Vol.23 Figure 12.4.6
 1PL03-TT-50862
 January 2013





FOR INFORMATION

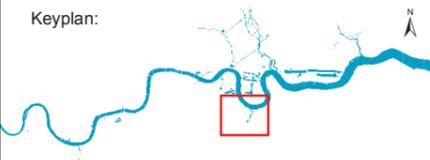
Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Transport - Baseline, Construction and Development case traffic flow (PM peak hour)
 Vol.23 Figure 12.4.7

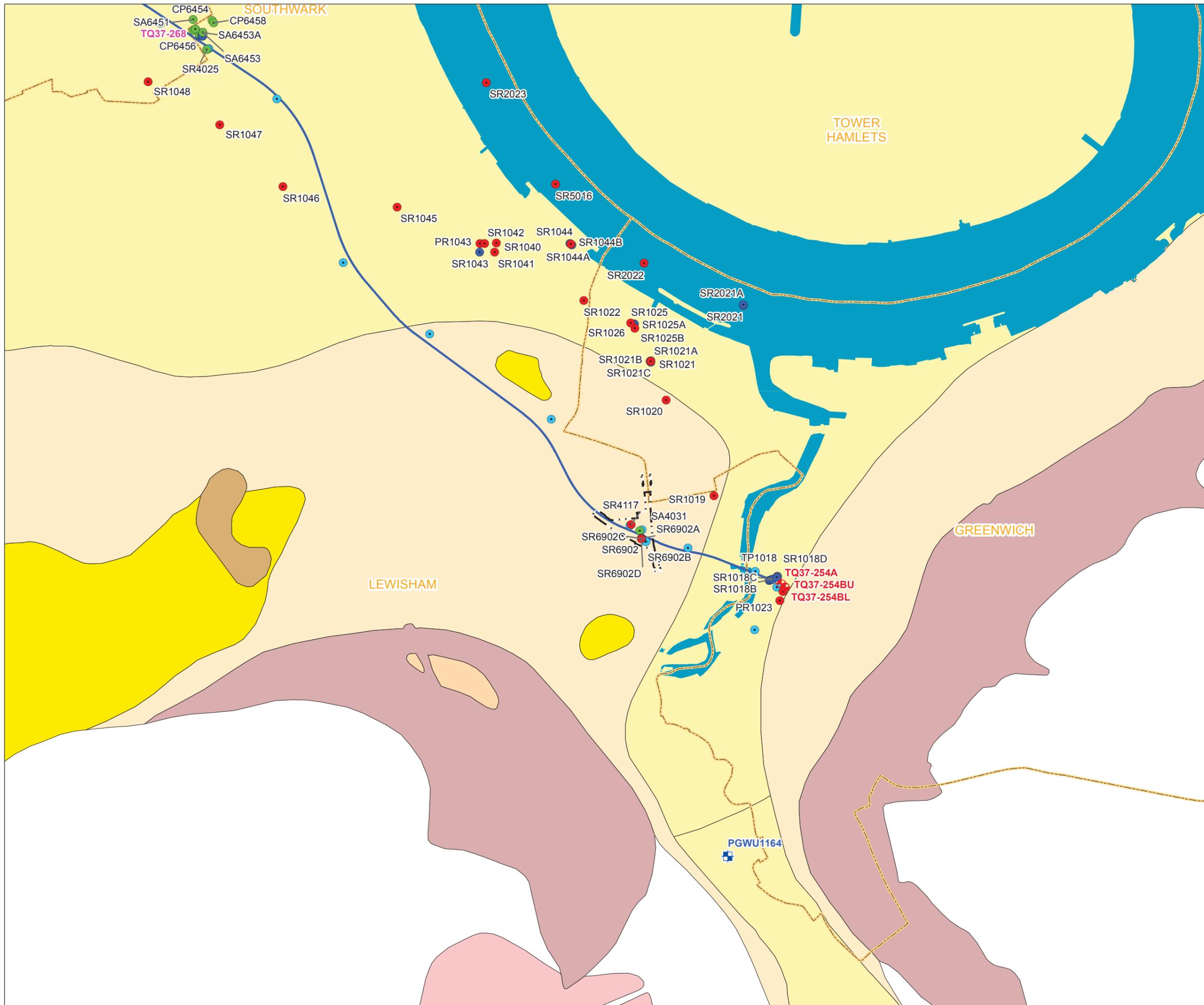
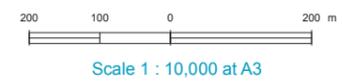
1PL03-TT-50886
 January 2013



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- Key**
- Limits of Land to be Acquired or Used
 - Connection Tunnel
 - Local Authority Boundary
 - Drilled Boreholes
 - Depth (m)
 - 0 - 10
 - 10 - 30
 - 30+
 - Proposed Boreholes
 - Land
 - EA Groundwater Monitoring Locations
 - Recent data available
 - EA Water Quality Monitoring Locations
 - Superficial Geology
 - Peat
 - Head
 - Alluvium
 - Kempton Park Gravel Member
 - Langley Silt Member
 - Taplow Gravel Formation
 - Boyn Hill Gravel Member



FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

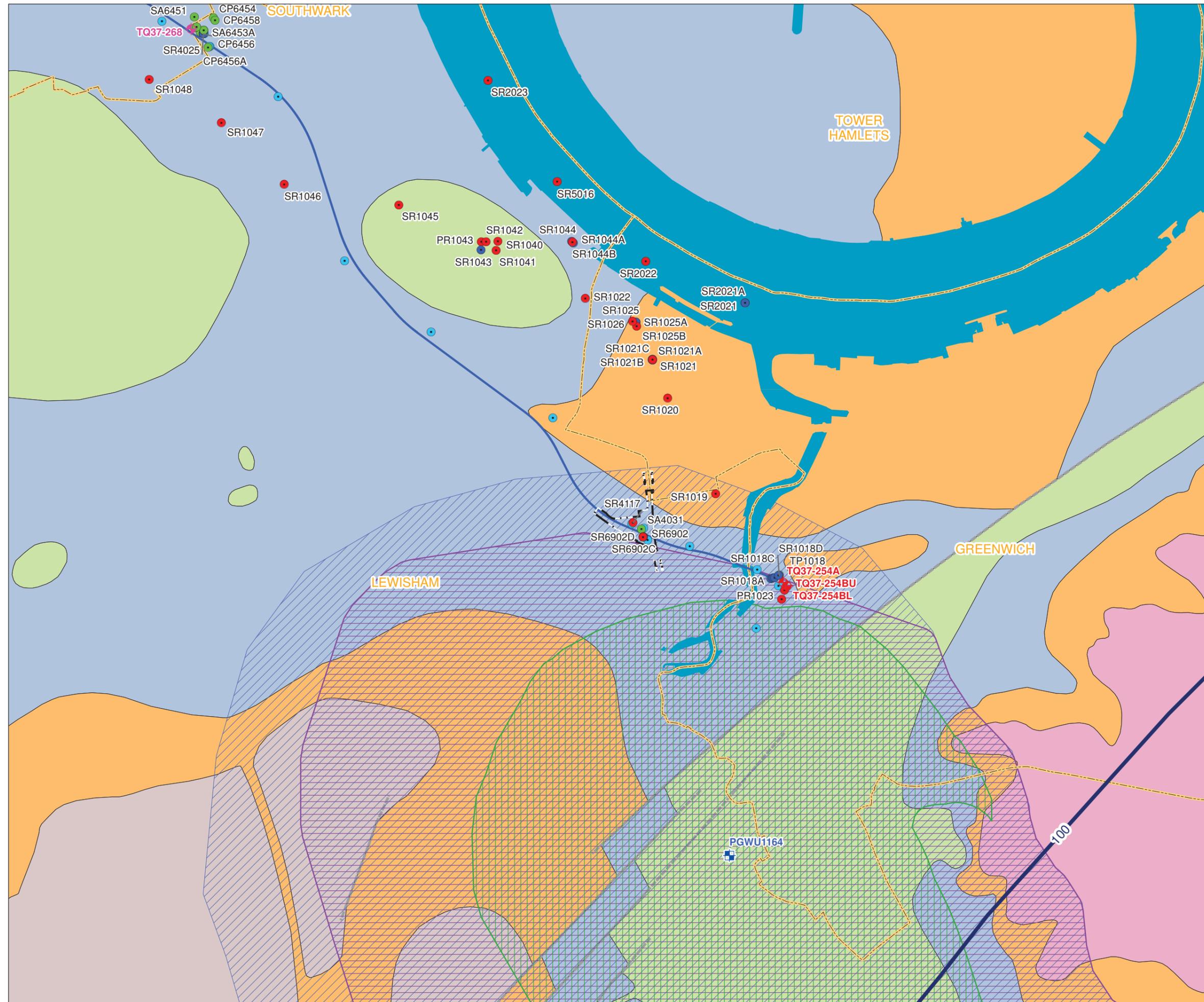
Document Information
Environmental Statement
 Water resources – groundwater - superficial geology
 Vol.23 Figure 13.4.1
 1PL03-WR-20180
 January 2013



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- Key**
- Limits of Land to be Acquired or Used
 - Thames Tideway Tunnel
 - Connection Tunnel
 - Local Authority Boundary
 - Drilled Boreholes**
 - Depth (m)
 - 0 - 10
 - 10 - 30
 - 30+
 - Proposed Boreholes**
 - Land
 - EA Groundwater Level Monitoring Locations**
 - ◆ Recent Data Available
 - ◆ Historical Data Available
 - ◆ EA Water Quality Monitoring Locations
 - ◆ EA Chalk Piezometric Level (mATD) - Jan 11
 - Source Protection Zones**
 - Zone I (Inner Protection Zone)
 - Zone II (Outer Protection Zone)
 - Zone III (Total Catchment)
 - Solid Geology**
 - London Clay Formation
 - Harwich Group
 - Lambeth Group
 - Thanet Sand
 - Chalk Formation
 - Faults**
 - Normal Fault (inferred)



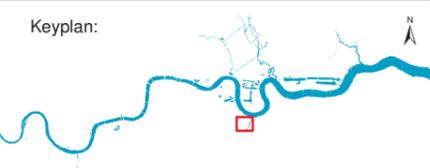
FOR INFORMATION

Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Water resources – groundwater - solid geology
 Vol 23 Figure 13.4.2
 1PL03-WR-20181
 January 2012



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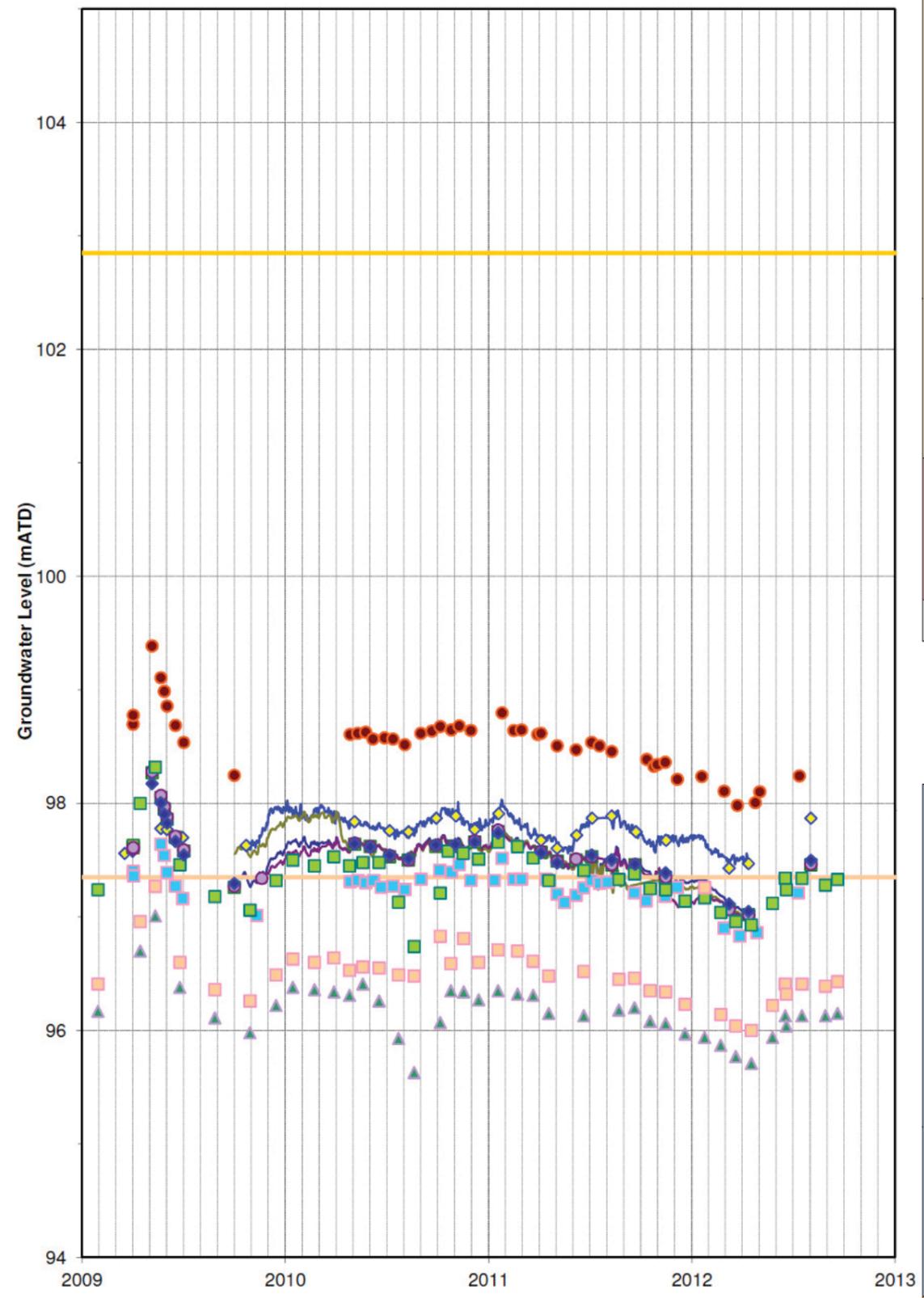
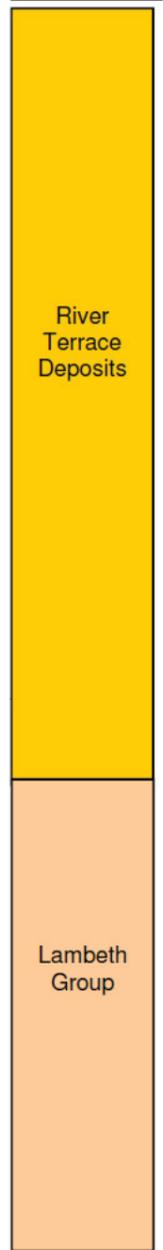


Key

- Limits of Land to be Acquired or Used
- Thames Tideway Tunnel
 - Connection Tunnel
- Local Authority Boundary
- Drilled Boreholes Upper Aquifer Water Levels
 - PR1023
- Drilled Boreholes Lower Aquifer Water Levels
 - SR1018D
 - SR1019
 - SR1020
 - PR1023
 - SR1024
- EA Groundwater Level Monitoring Locations
 - Recent Data Available
- Superficial Geology
 - Head
 - Alluvium
 - Kempton Park Gravel Member
 - Langley Silt Member
 - Taplow Gravel Formation
- Solid Geology
 - London Clay Formation
 - Lambeth Group
 - Thanet Sand
 - Chalk Formation
- Faults
 - Normal Fault (inferred)

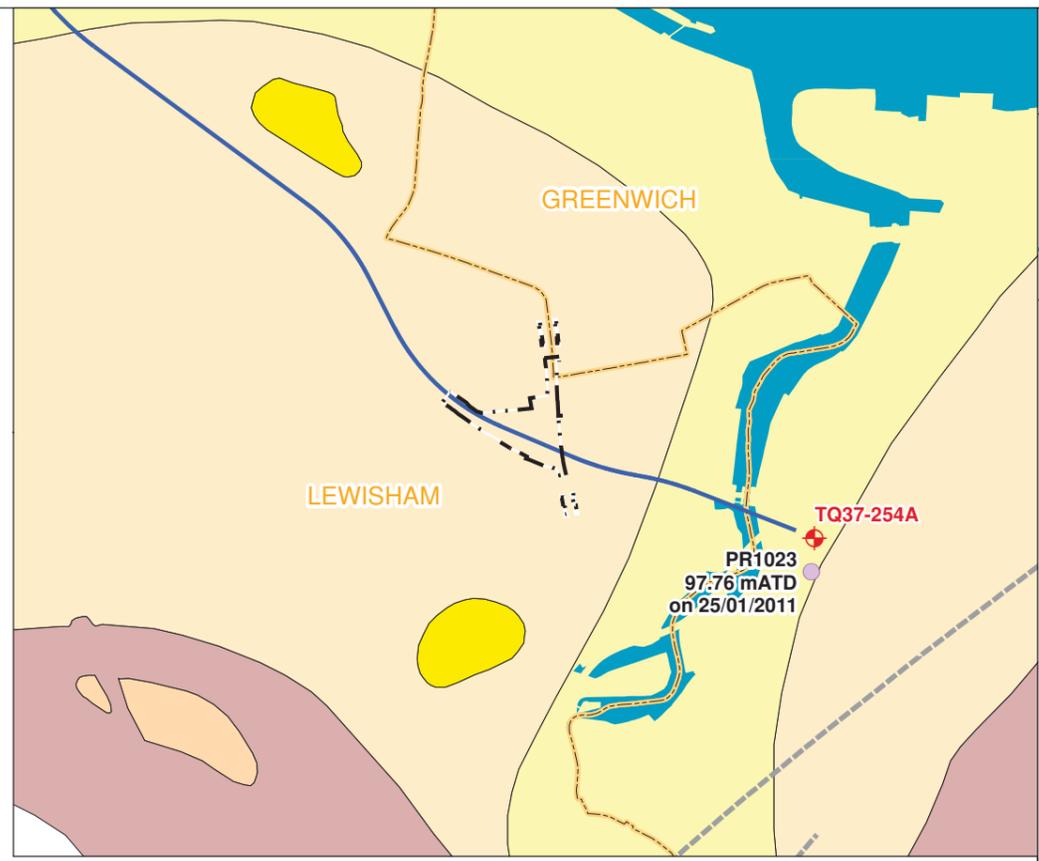
Scale 1 : 10,000 at A3

Anticipated Geology at shaft site

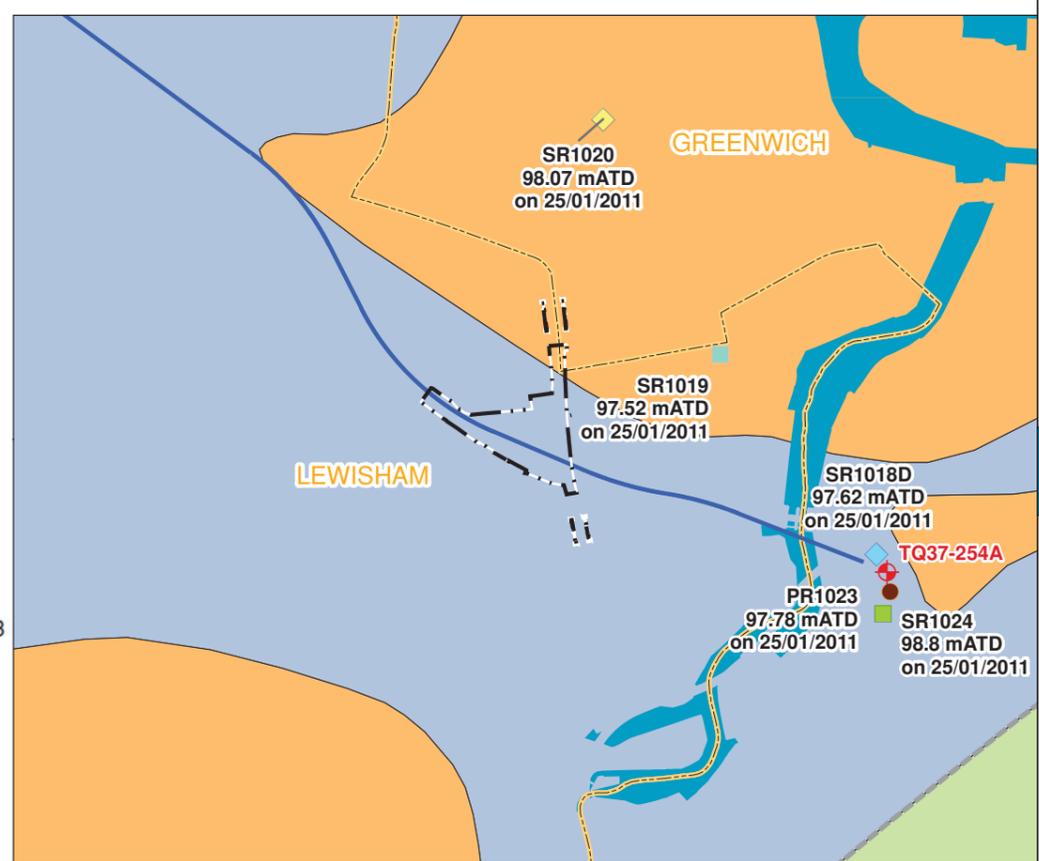


- SR1018D TSF-SD(Logger)
- SR1020 SCK-A2(Dip)
- PR1023 TSF-SD(Dip)
- PR1023 RTD-SDGR(Dip)
- SR1024 SCK-A1(Dip)
- Lambeth Group (LG)
- SR1019 SCK-A2(Dip)
- SR1020 SCK-A2(Logger)
- PR1023 TSF-SD(Logger)
- PR1023 RTD-SDGR(Logger)
- TQ37/254A

No Geological Information Available
Depth to strata relative to below groundlevel. Surveying required.



Upper aquifer monitoring locations



Lower aquifer monitoring locations

FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

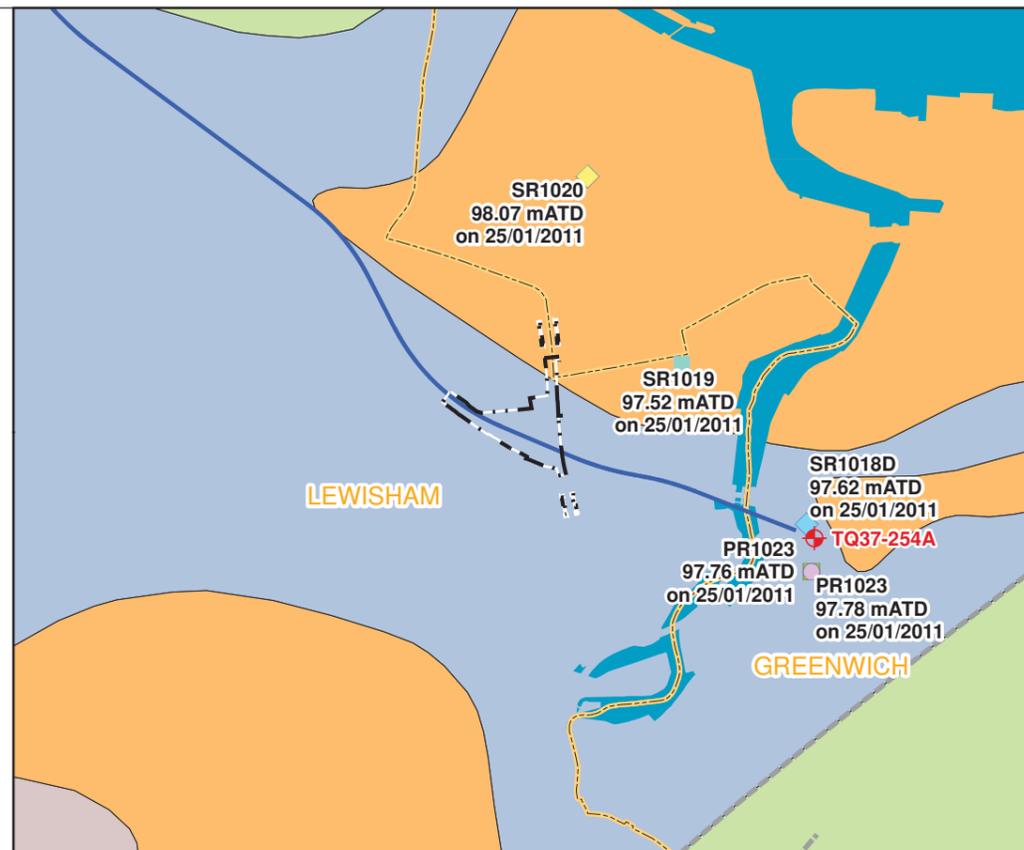
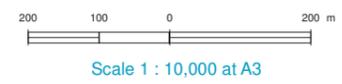
Document Information
Environmental Statement
Water resources – groundwater - monitoring location
Vol.23 Figure 13.4.3
1PL03-WR-20182
January 2013



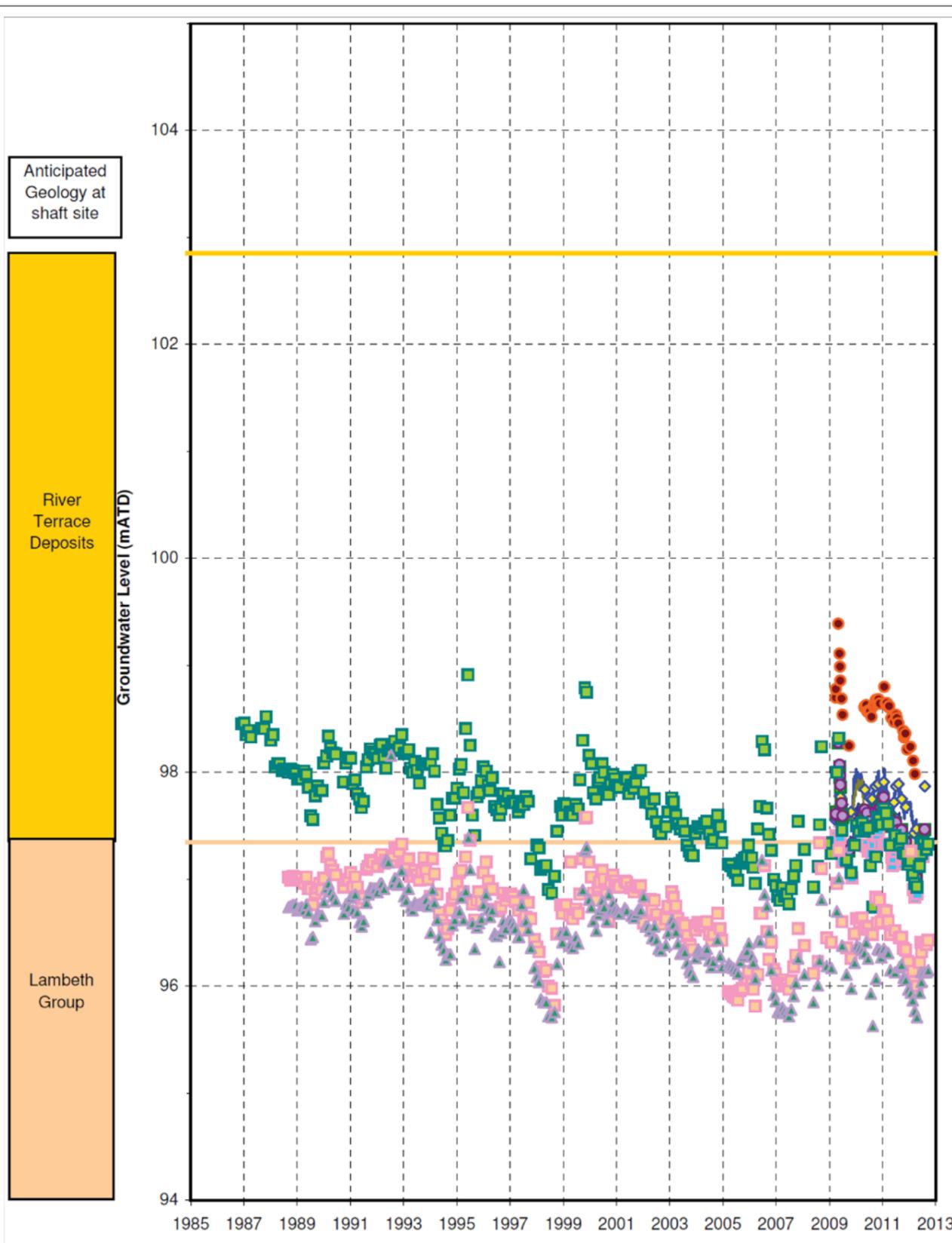
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- Key**
- Limits of Land to be Acquired or Used
 - Thames Tideway Tunnel
 - Connection Tunnel
 - Local Authority Boundary
 - Drilled Boreholes Upper Aquifer Water Levels
 - PR1023
 - Drilled Boreholes Lower Aquifer Water Levels
 - SR1018D
 - SR1019
 - SR1020
 - PR1023
 - EA groundwater level monitoring locations
 - Recent data available
 - Solid Geology
 - London Clay Formation
 - Lambeth Group
 - Thanet Sand
 - Chalk Formation
 - Faults
 - Normal Fault (inferred)



Long term groundwater level monitoring



- SR1018D TSF-SD(Logger)
- SR1019 SCK-A2(Dip)
- SR1020 SCK-A2(Dip)
- SR1020 SCK-A2(Logger)
- PR1023 TSF-SD(Dip)
- PR1023 TSF-SD(Logger)
- PR1023 RTD-SDGR(Dip)
- PR1023 RTD-SDGR(Logger)
- TQ37/254BU

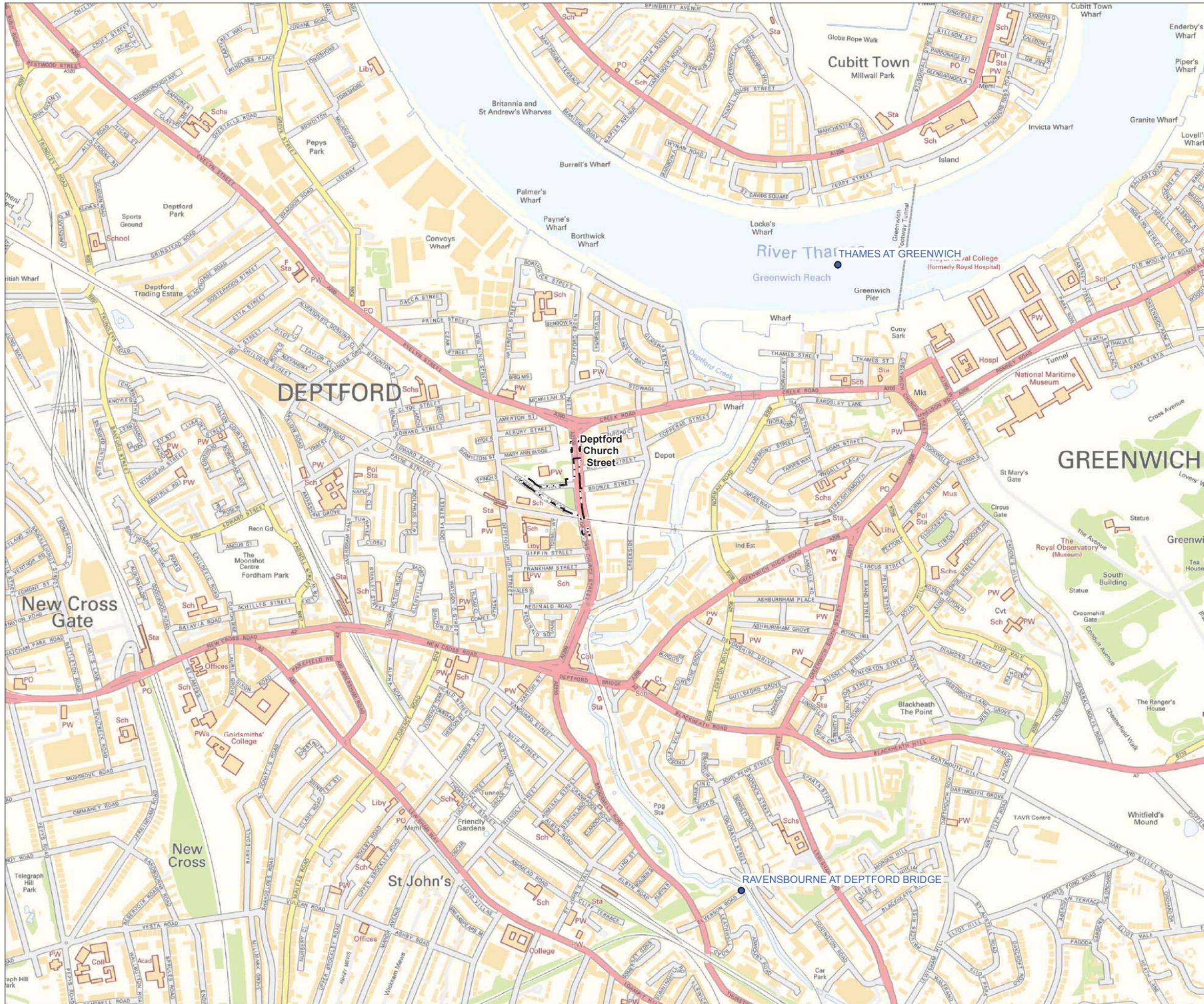
No Geological Information Available
Depth to strata relative to below groundlevel. Surveying required.

FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Water resources – groundwater - regional groundwater hydrograph
Vol 23 Figure 13.4.4
1PL03-WR-20183
January 2013

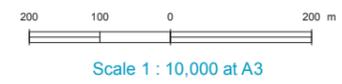




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- Key
- Limits of Land to be Acquired or Used
 - Spot Sample Locations

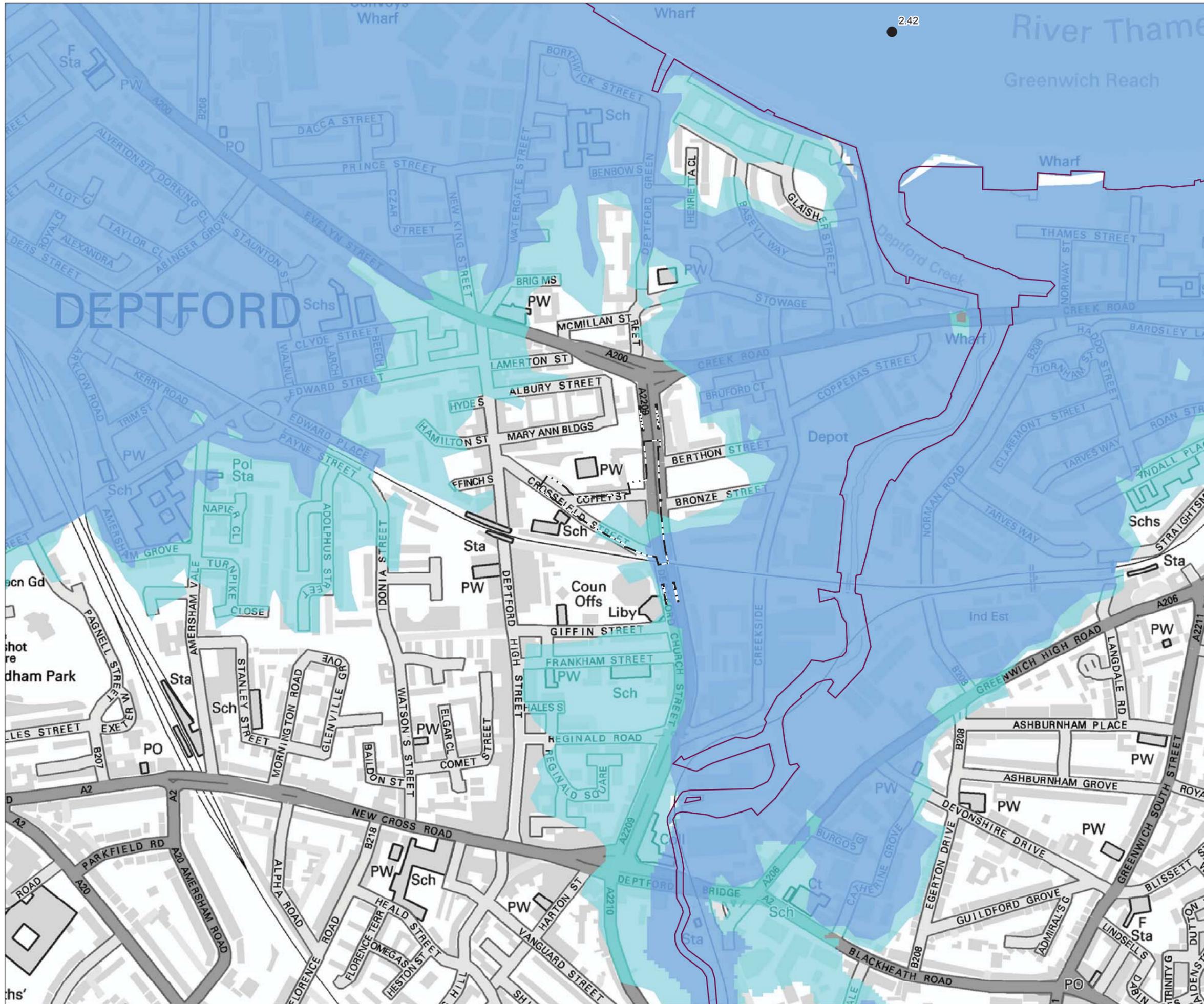


FOR INFORMATION

Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement
 Water resources - surface water - water quality monitoring points
 Vol.23 Figure 14.4.1
 1PL03-WR-21021
 January 2013



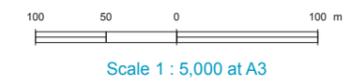


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- Key
- Limits of Land to be Acquired or Used
 - Water Level Node
 - Thames Tidal Defences
 - EA Flood Zone 3
 - EA Flood Zone 2

Note: Water Level Node - Thames Tidal Joint Probability Extreme Water Levels 2008



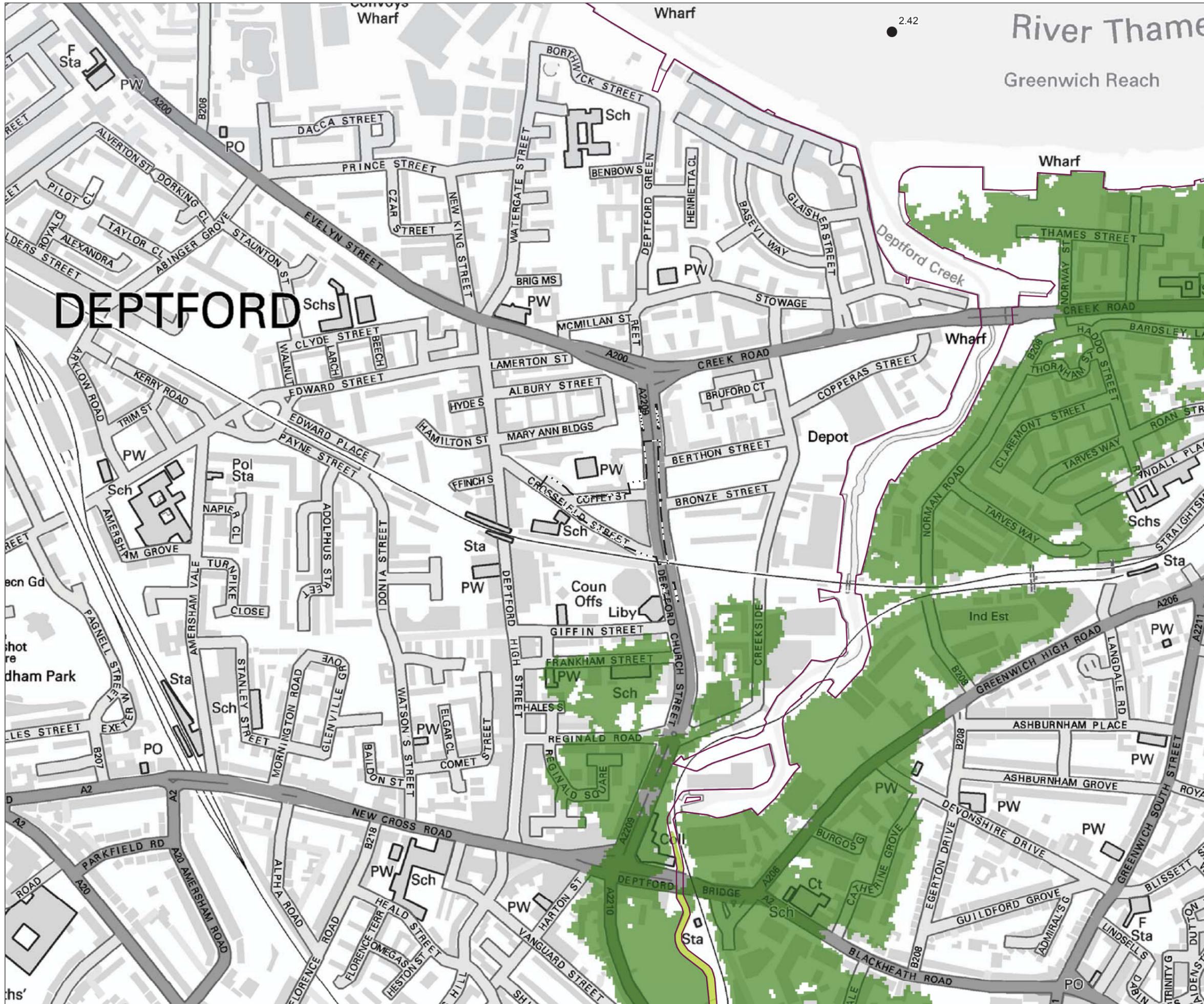
FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Flood risk - EA flood zones

Vol.23 Figure 15.3.1
1PL03-FL-20147
January 2013





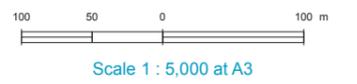
River Thames
Greenwich Reach

DEPTFORD

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- Key
- Limits of Land to be Acquired or Used
 - Water Level Node
 - Thames Tidal Defences
- Ravensbourne Flood Extent
- 1% AEP
 - 0.1% AEP
- Note: Water Level Node - Thames Tidal Joint Probability Extreme Water Levels 2008



FOR INFORMATION

Location
Deptford Church Street
London Borough of Lewisham

Document Information
Environmental Statement
Flood risk - Ravensbourne flood extents

Vol.23 Figure 15.3.2
1PL03-FL-20154
January 2013

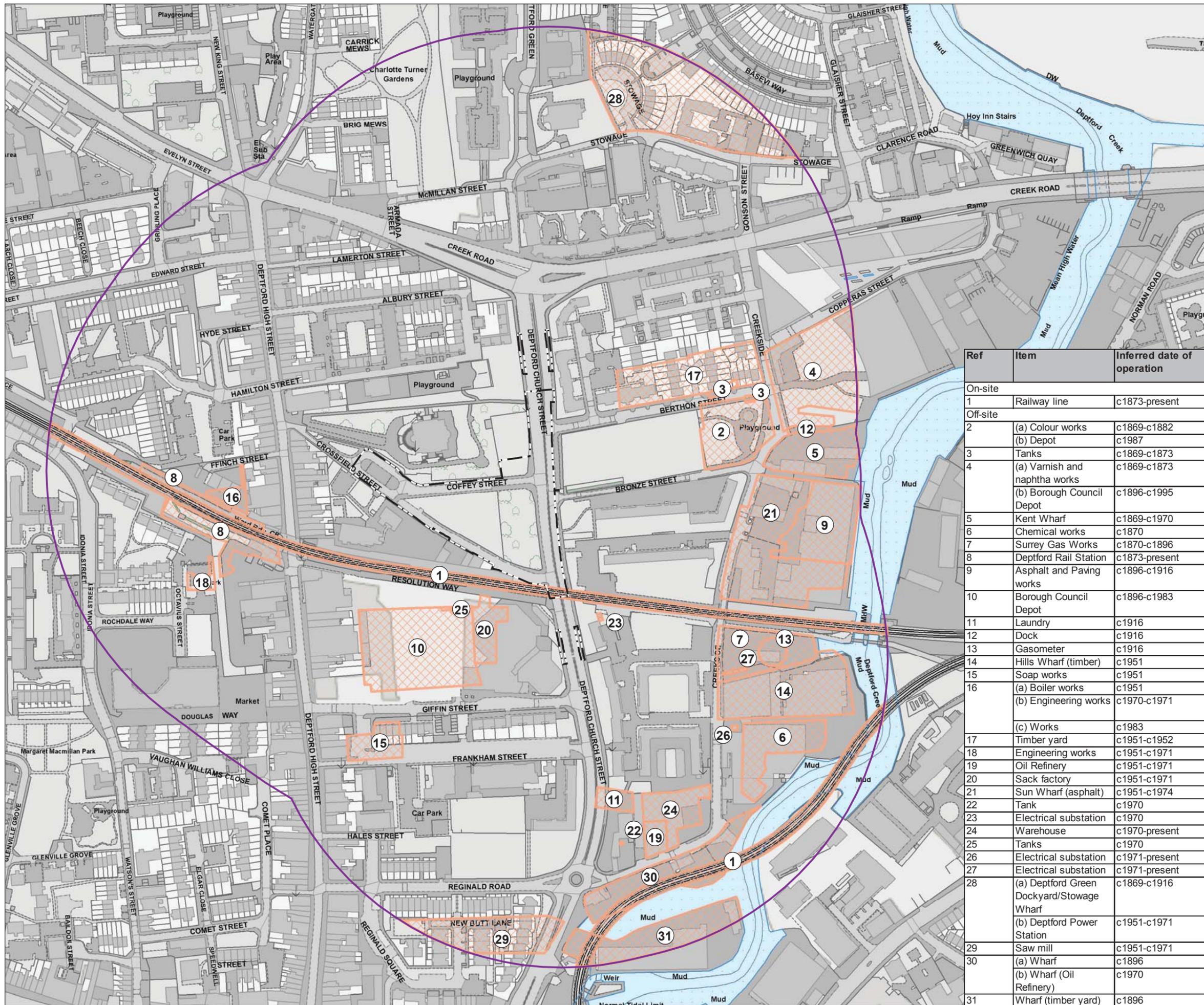


Keyplan:



Key

- Limits of Land
- - - to be Acquired or Used
- Limit of Land 250m Buffer
- ▨ Potentially Contaminating Land-Uses



Ref	Item	Inferred date of operation
On-site		
1	Railway line	c1873-present
Off-site		
2	(a) Colour works	c1869-c1882
	(b) Depot	c1987
3	Tanks	c1869-c1873
4	(a) Varnish and naphtha works	c1869-c1873
	(b) Borough Council Depot	c1896-c1995
5	Kent Wharf	c1869-c1970
6	Chemical works	c1870
7	Surrey Gas Works	c1870-c1896
8	Deptford Rail Station	c1873-present
9	Asphalt and Paving works	c1896-c1916
10	Borough Council Depot	c1896-c1983
11	Laundry	c1916
12	Dock	c1916
13	Gasometer	c1916
14	Hills Wharf (timber)	c1951
15	Soap works	c1951
16	(a) Boiler works	c1951
	(b) Engineering works	c1970-c1971
	(c) Works	c1983
17	Timber yard	c1951-c1952
18	Engineering works	c1951-c1971
19	Oil Refinery	c1951-c1971
20	Sack factory	c1951-c1971
21	Sun Wharf (asphalt)	c1951-c1974
22	Tank	c1970
23	Electrical substation	c1970
24	Warehouse	c1970-present
25	Tanks	c1970
26	Electrical substation	c1971-present
27	Electrical substation	c1971-present
28	(a) Deptford Green Dockyard/Stowage Wharf	c1869-c1916
	(b) Deptford Power Station	c1951-c1971
29	Saw mill	c1951-c1971
30	(a) Wharf	c1896
	(b) Wharf (Oil Refinery)	c1970
31	Wharf (timber yard)	c1896



Scale 1 : 3,000 at A3

FOR INFORMATION

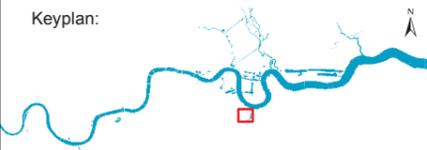
Location
Deptford Church Street
 London Borough of Lewisham

Document Information
Environmental Statement

Land quality - potentially contaminating land-uses
 Vol.23 Figure F.1.1
 1PL03-LQ-30102
 January 2013



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- Key**
- Drilled Boreholes**
- Depth (m)**
- 0 - 10
 - 10 - 30
 - 30+
- Limits of Land
 - - - to be Acquired or Used
 [] Limit of Land 250m Buffer



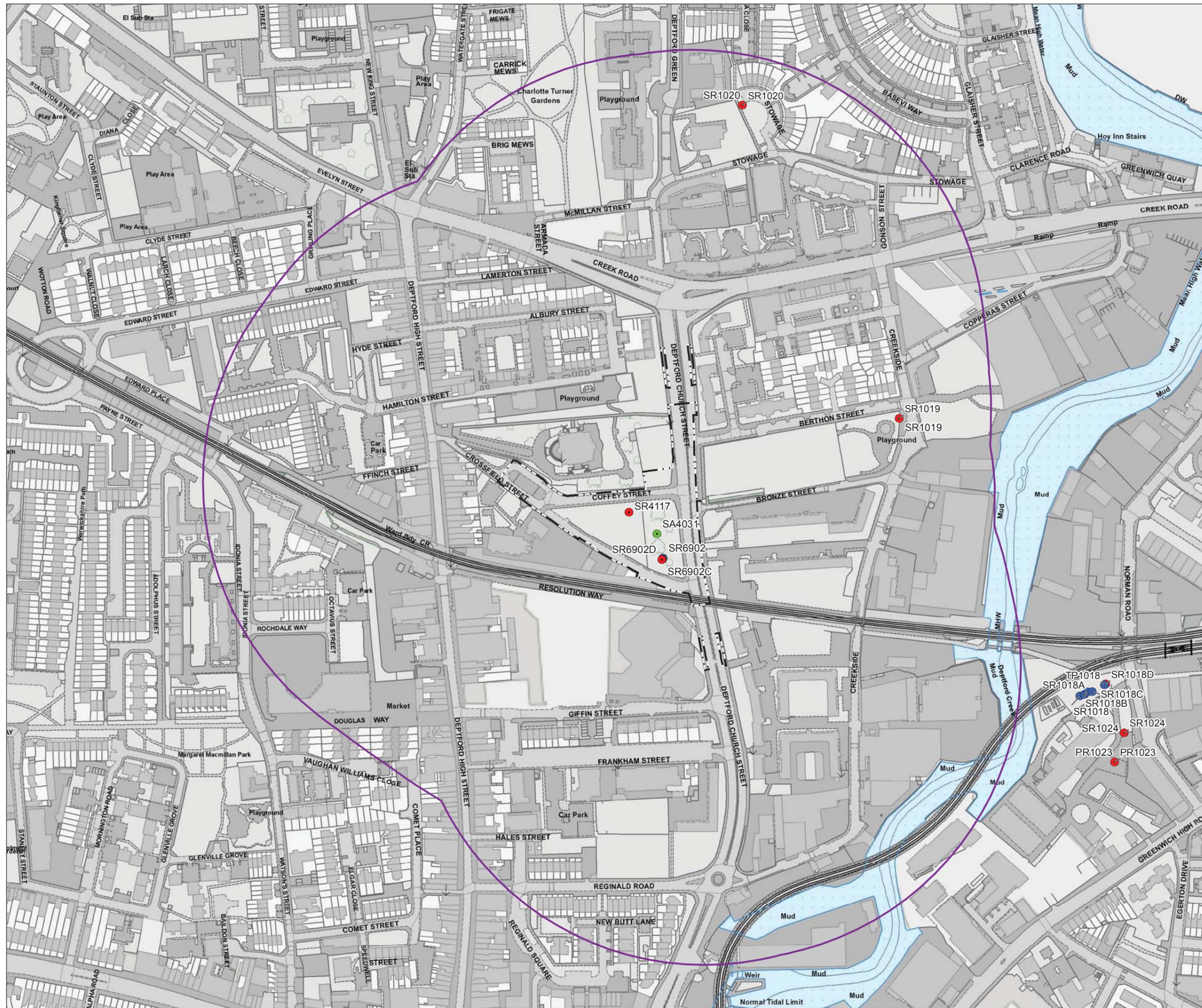
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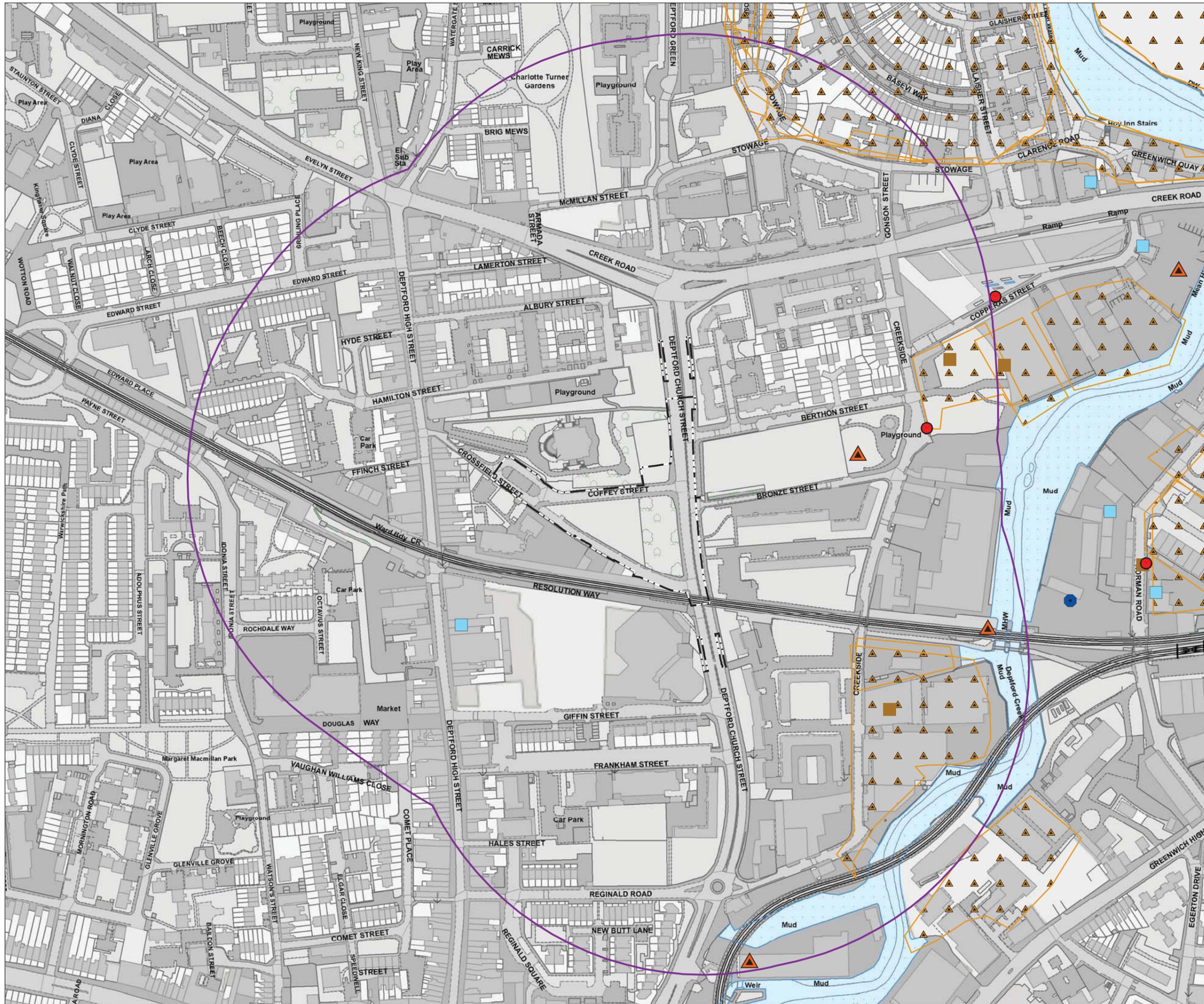
FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

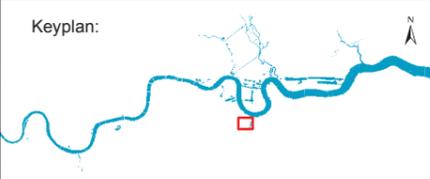
Document Information
 Environmental Statement
 Land quality - borehole locations

Vol.23 Figure F.1.2
 1PL03-LQ-30100
 January 2013





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- Key**
- Limits of Land
 - - - to be Acquired or Used
 - Limit of Land 250m Buffer
- Waste**
- Licensed Waste Management Facilities
 - ▲ Past Potential Contaminated Industrial Uses
 - Registered Waste Transfer Sites
- Hazards**
- Pollution Incidents to Controlled Waters
 - LA Pollution Prevention & Controls
 - ▲ Past Potentially Contaminated Industrial Uses



FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Land quality - hazard and waste sites

Vol.23 Figure F.1.3
 1PL03-LQ-30101
 January 2013





- Key:
- Limits of Land to be Acquired or Used
 - Local Authority Boundary
 - Noise Survey Locations
 - Attended

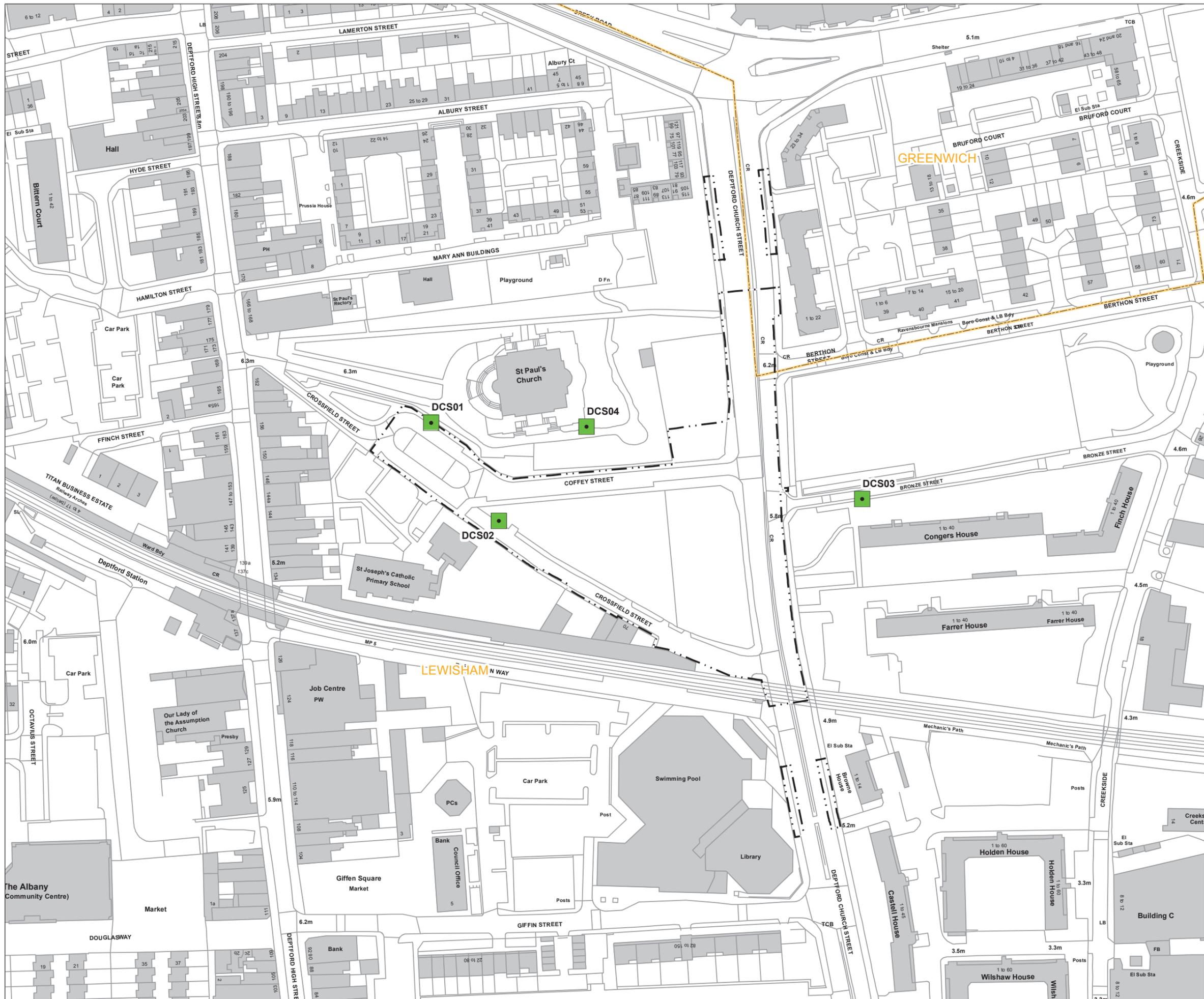


FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

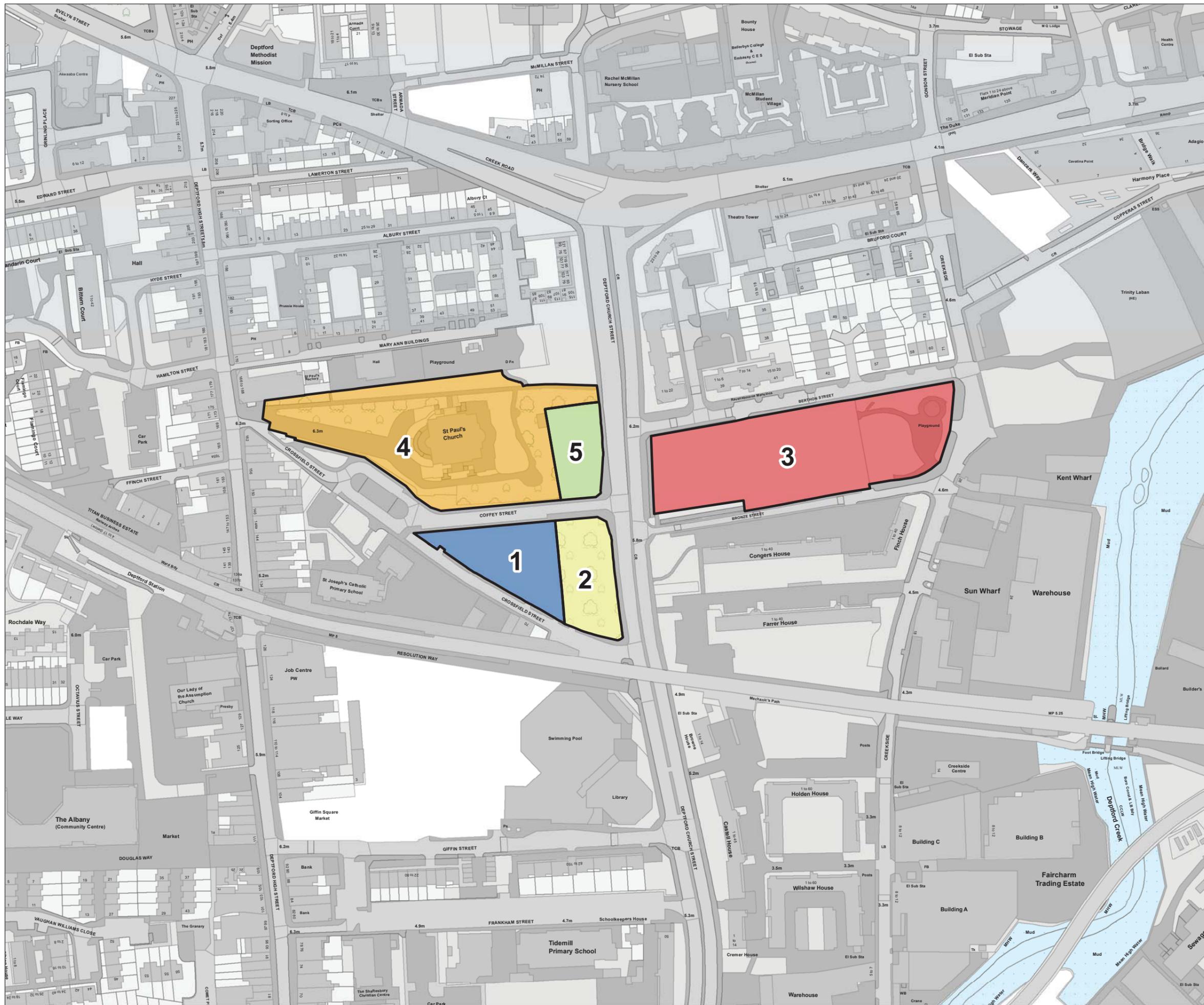
Document Information
 Environmental Statement
 Noise and vibration - noise survey locations

Vol.23 Figure G.1
 1PL03-NV-40144
 January 2013





- Key**
-  Survey Zone
 -  1 - Crossfield Street Open Space: West
 -  2 - Crossfield Street Open Space: East
 -  3 - Sue Godfrey Local Nature Reserve and Ferranti Park
 -  4 - St. Paul's Churchyard
 -  5 - Lawn East of St. Paul's Churchyard



Scale 1 : 2,000 at A3

FOR INFORMATION

Location
 Deptford Church Street
 London Borough of Lewisham

Document Information
 Environmental Statement
 Socio-economics - usage survey plan

Vol.23 Figure H.1
 1PL03-SE-20032
 January 2013



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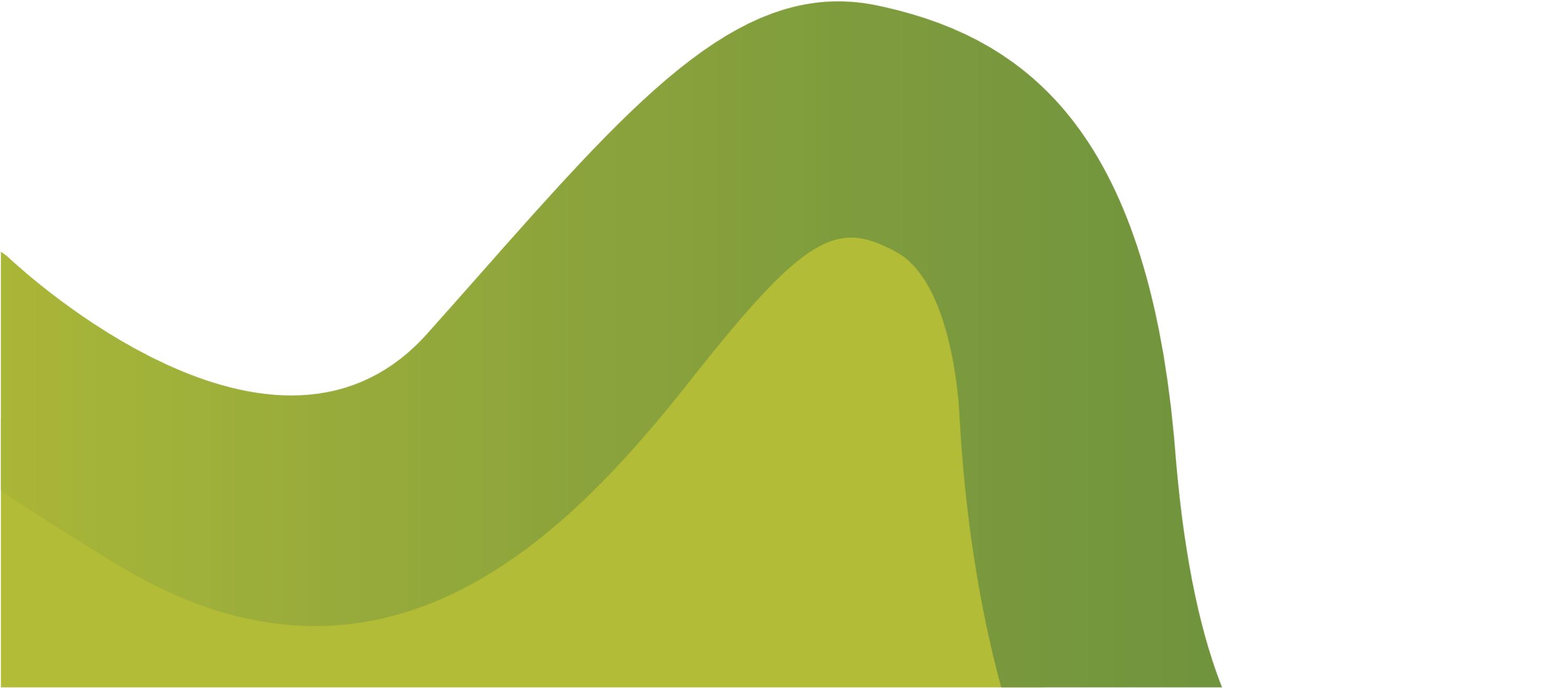
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A decorative graphic at the bottom of the page consisting of several overlapping, wavy, organic shapes in various shades of green, ranging from a light lime green to a dark forest green. The shapes flow from the left side towards the right, creating a sense of movement and depth.