

# Teddington Direct River Abstraction Statutory Consultation 2025



Map Book 1:  
Draft Order Limits and Land Use





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# Explanatory notes

This Map Book includes detailed maps showing the area in which the Teddington Direct River Abstraction Project (TDRA) is proposed to be built and operated. It is part of a range of consultation materials which have been published as part of the TDRA statutory consultation.

The maps in this Map Book show the land that we may need to deliver TDRA, including land needed temporarily for construction, and land needed permanently to accommodate the new infrastructure which forms part of the project. The draft Order limits and land use information also include the land over which we may need to acquire permanent rights so we or third parties (such as utility companies) could access and maintain assets.

The Order limits and land use information presented in this document are set out in draft and may be further refined subject to design development, surveys, stakeholder engagement and feedback from the statutory consultation. We will publish updated Order limits as part of our Development Consent Order (DCO) application, which is expected in 2026.

The alignments for the tunnels within the tunnel corridors presented in these maps are indicative and may be further refined subject to further design development, surveys, stakeholder engagement and feedback from the statutory consultation.

All the information presented in this Map Book is also available on our Interactive Map, which allows you to move around, zoom in and out, and toggle different layers with useful mapping information on and off. Plan and profile drawings of the proposed recycled water conveyance tunnel can be found in Map Book 2: Tunnel Plans and Profile Drawings.

You can find the Interactive Map and Map Book 2 alongside our other consultation materials on our website at [www.thames-sro.co.uk/tdra/statcon2025](http://www.thames-sro.co.uk/tdra/statcon2025)





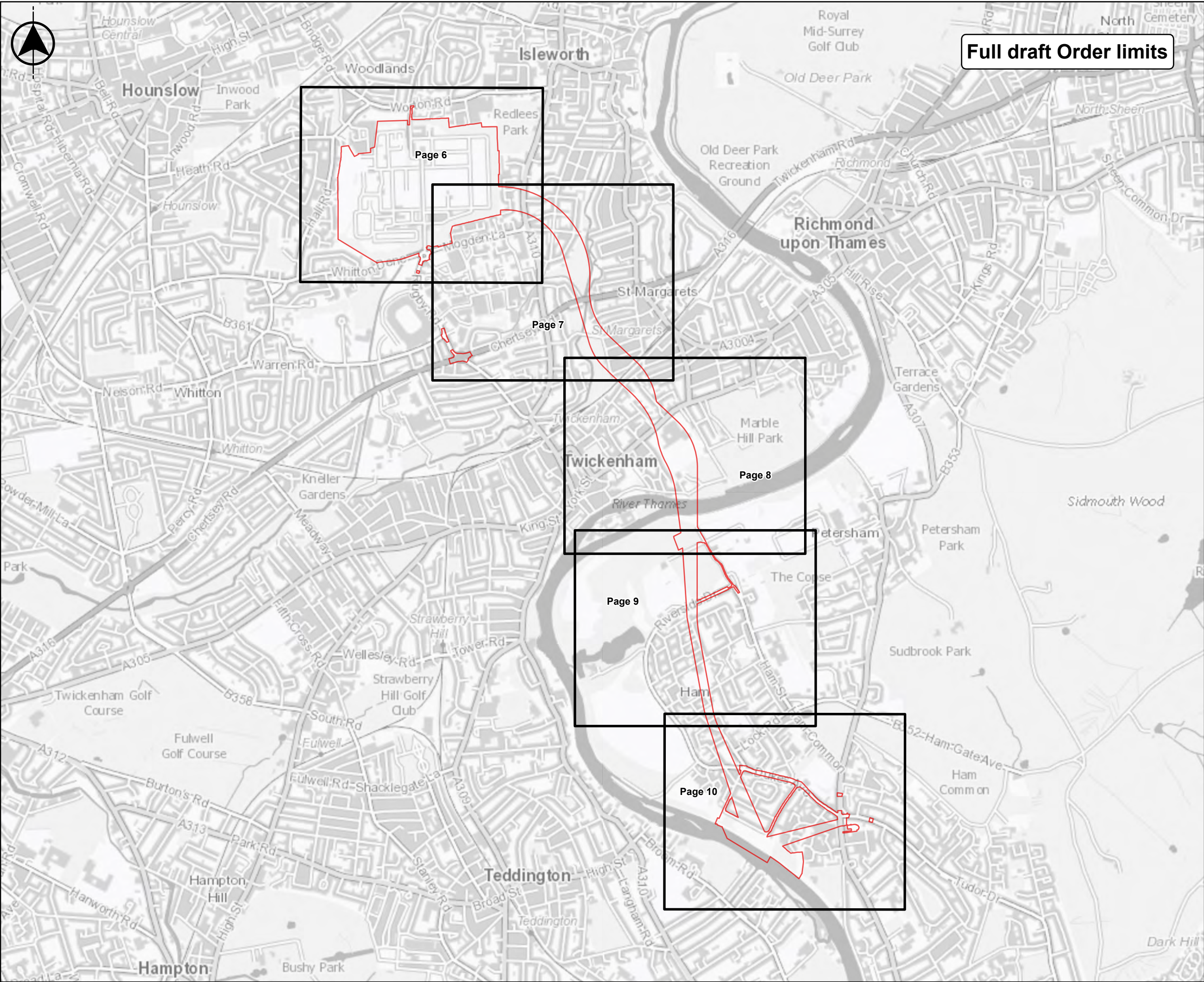
# Draft Order limits

The draft Order limits show all of the land that we may need to deliver TDRA, presented as an outline on a map. The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

For more information about the draft Order limits, including how we're working with land interests, please see the 'Information for people with land affected by the project' section in our Statutory Consultation Brochure, which is available on our website at [www.thames-sro.co.uk/tdra/statcon2025](http://www.thames-sro.co.uk/tdra/statcon2025).







Full draft Order limits

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Map pages covering the draft Order Limits

Important Information

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Current Revision Information

The draft Order limits or above ground sites illustrated on this plan includes those areas in which land, or rights over or under land, are anticipated at this stage to potentially be required temporarily or permanently for the TDRA project.

C01	A	Authorised and accepted for consultation	LK	GBR	MC	05/06/2025
Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client

APFP References: N/A

Security Reference: Public

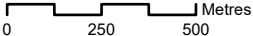
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Project: Teddington Direct River Abstraction

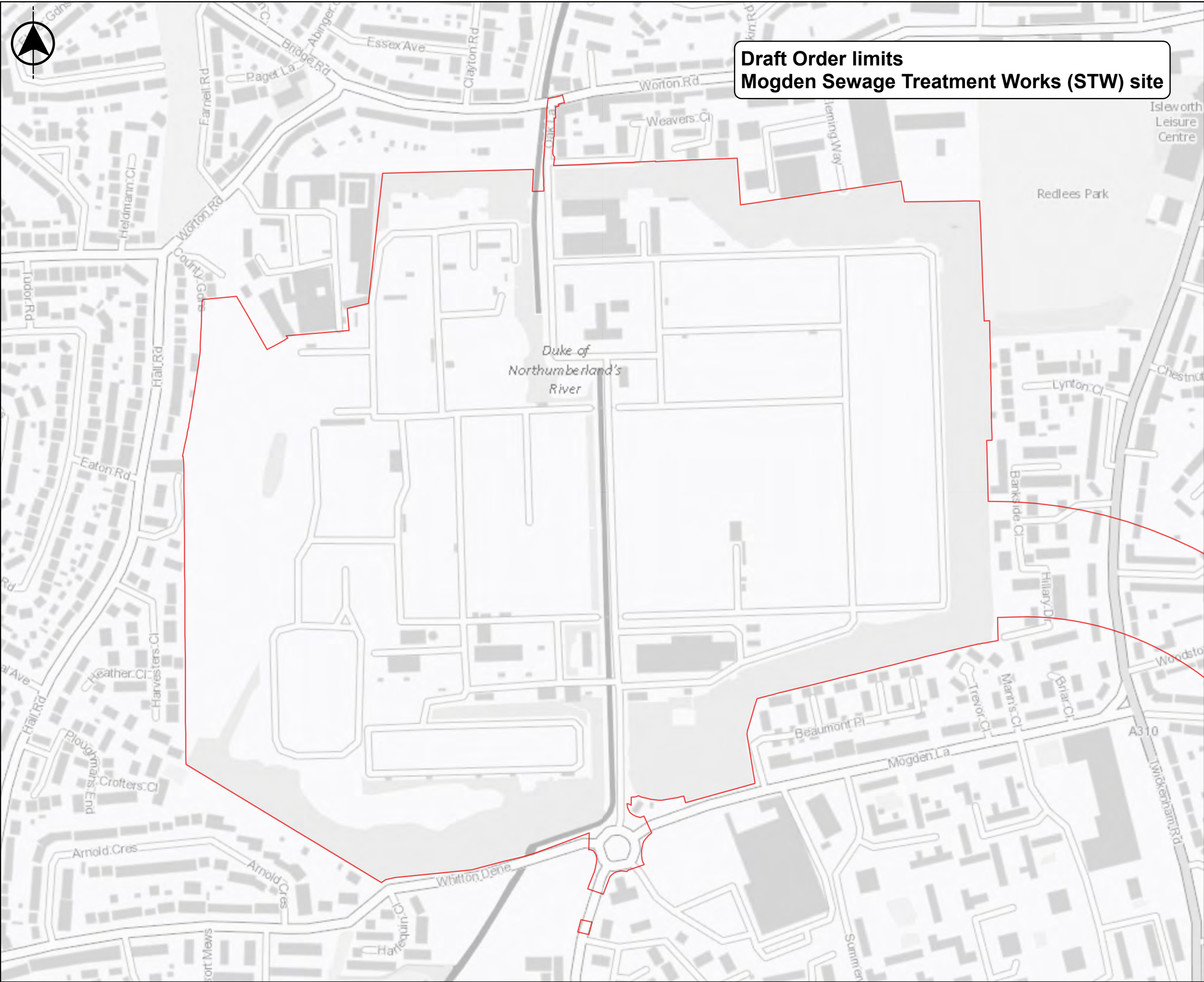
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Do not scale

Location Map Scale: 1:150,000

Legend

Draft Order limits

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

DRAFT ORDER LIMITS

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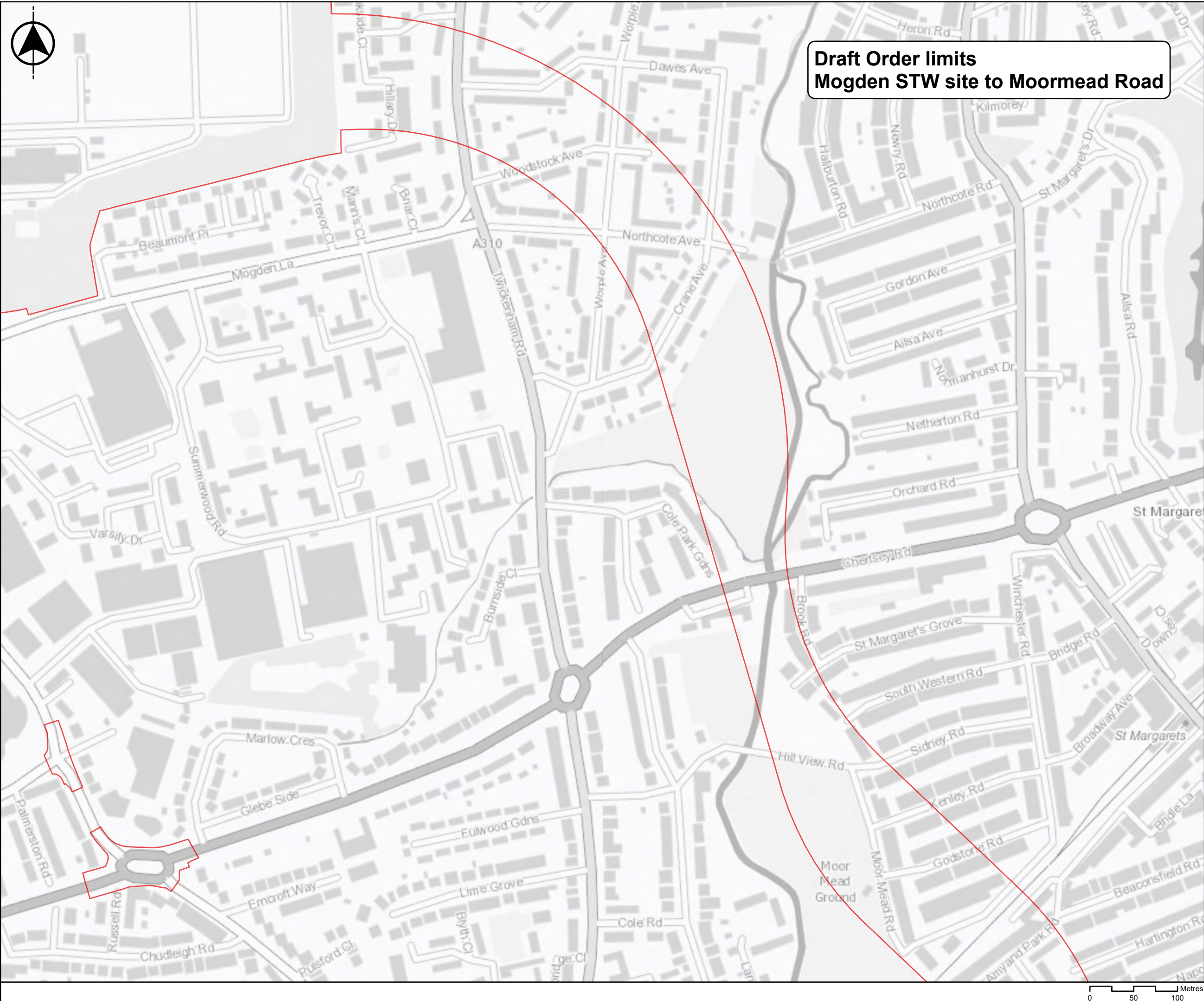
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Public

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Project:

Teddington Direct River Abstraction

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Do not scale

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N/A

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Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

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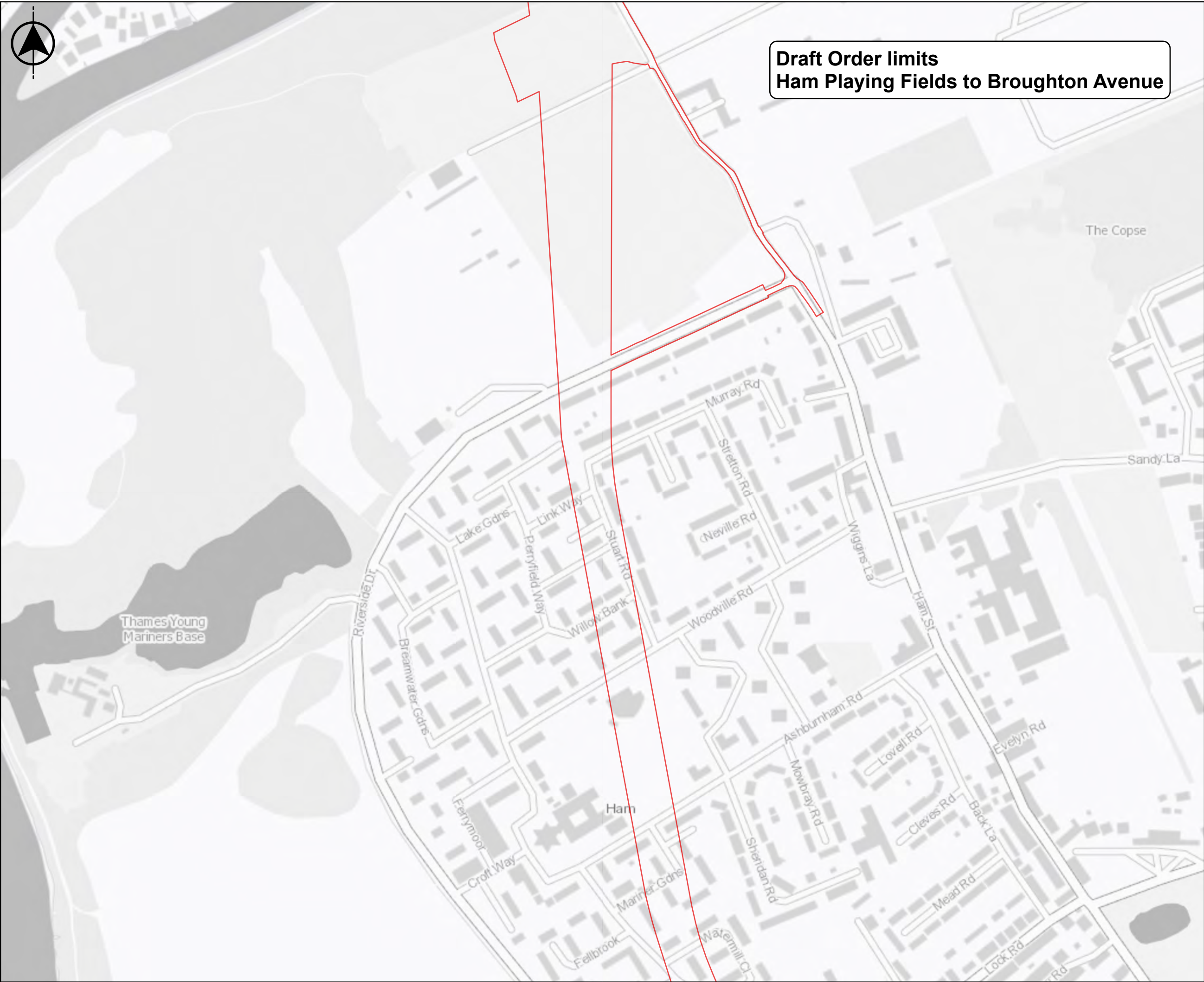
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# Draft Order limits Ham Playing Fields to Broughton Avenue

Do not scale

Location Map Scale: 1:150,000

Legend

Draft Order limits

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Client

APFP References:  
N/A

Security Reference:  
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Project:  
Teddington Direct River Abstraction

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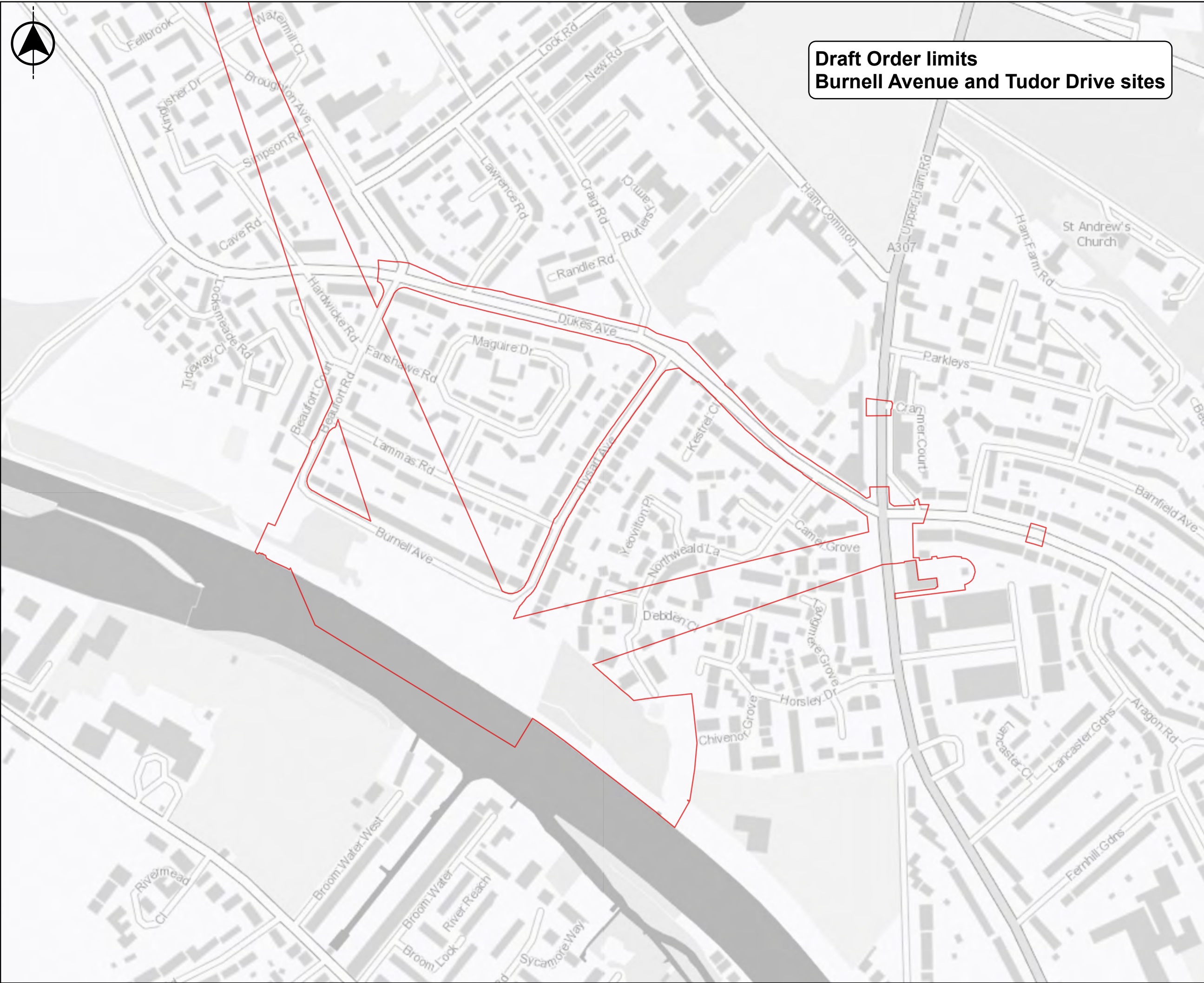
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Drawing Number  
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Rev  
C01





**Draft Order limits  
Burnell Avenue and Tudor Drive sites**

Do not scale

Location Map Scale: 1:150,000

**Legend**

Draft Order limits

**Important Information**

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Client

APFP References:  
N/A

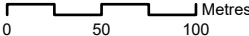
Security Reference:  
Public

Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
DRAFT ORDER LIMITS

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# Land required during construction

These maps show the land within the draft Order limits that we would need to use in order to build the project, including:

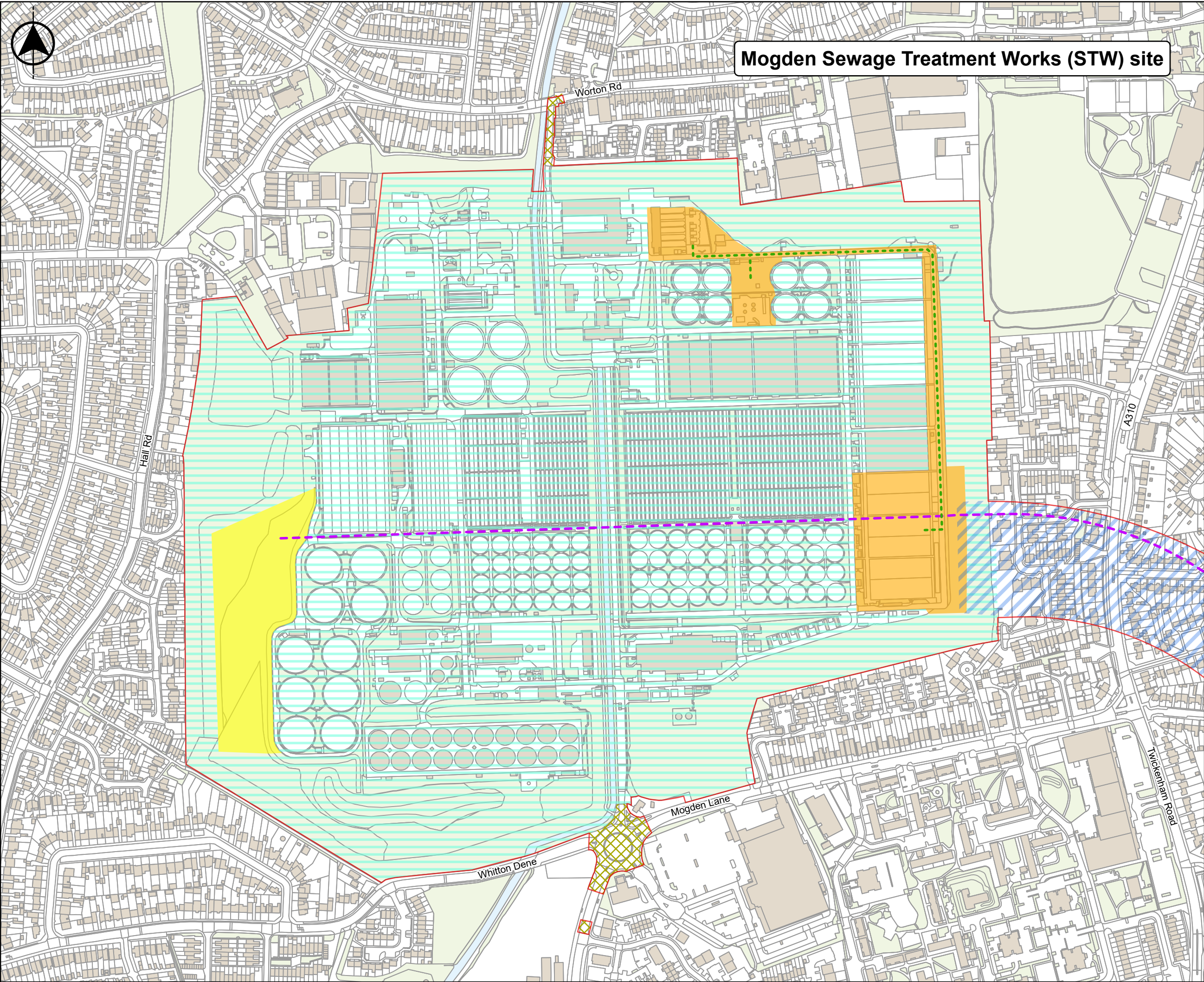
- Temporary construction sites and work areas
- Temporary highway land where works would be required to enable Abnormal Indivisible Loads (AILs) to deliver the tunnel boring machine (TBM) to site
- Temporary diversions of Public Rights of Way during construction
- Corridors of land where works would take place underground, including protection, diversion and/or connection of utilities.

We have also included the permanent underground infrastructure on these maps to provide context about their indicative alignments or locations within the corridors and work areas shown.

More information about how we would build the project can be found in the 'Building the project' section of the Statutory Consultation Brochure, available on our website at [www.thames-sro.co.uk/tdra/statcon2025](http://www.thames-sro.co.uk/tdra/statcon2025)







# Mogden Sewage Treatment Works (STW) site

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the return pipeline

Recycled water conveyance tunnel corridor

Area for potential temporary highway works

Mogden STW - Land in ownership of Thames Water

Mogden STW site - Eastern work area

Mogden STW site - Western work area

Important Information

Mogden STW site

There would be two work areas within the Mogden STW site: the Western Work Area, which would support tunnelling operations, and the Eastern Work Area, where the new Tertiary Treatment Plant (TTP) and ancillary infrastructure would be built, as well as the interception shaft to connect the TTP to the tunnel.

Further information about the Mogden STW site can be found on pages 32 - 33 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date
C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025

Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

CONSTRUCTION PHASE -  
MOGDEN SEWAGE TREATMENT WORKS  
(STW) SITE

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Status

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Drawing Number

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Rev

C01

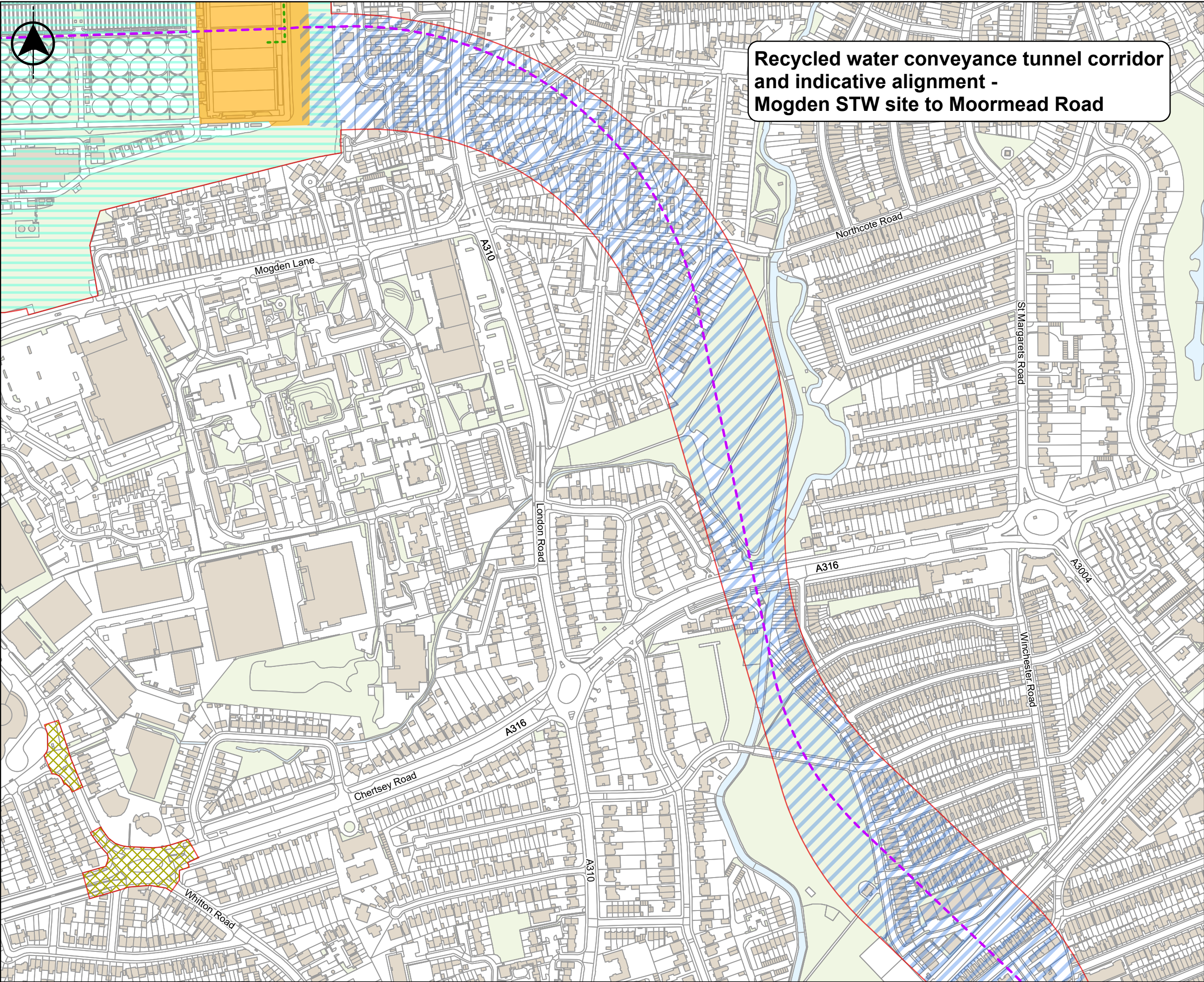
The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

0100200

Metres

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**Recycled water conveyance tunnel corridor  
and indicative alignment -  
Mogden STW site to Moormead Road**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the return pipeline

Recycled water conveyance tunnel corridor

Area for potential temporary highway works

Mogden STW - Land in ownership of Thames Water

Mogden STW site - Eastern work area

Important Information

**Recycled water conveyance tunnel corridor and indicative alignment – Mogden STW site to Moormead Road**

The recycled water conveyance tunnel corridor shows the land within which the tunnel would be constructed underground. The corridor shown on the map is wider than the final tunnel would be, and the alignment of the tunnel presented is indicative. This is because we are carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

For more information on how we would build the recycled water conveyance tunnel, please see pages 30 - 31 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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C01	A	Authorised and accepted for consultation	LK	GBR	MC
Rev	Status	Suitability Description	Authorised	Checked	Reviewed

Client

APFP References:  
N/A

Security Reference:  
Public

Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
CONSTRUCTION PHASE -  
RECYCLED WATER CONVEYANCE TUNNEL  
AND INDICATIVE ALIGNMENT

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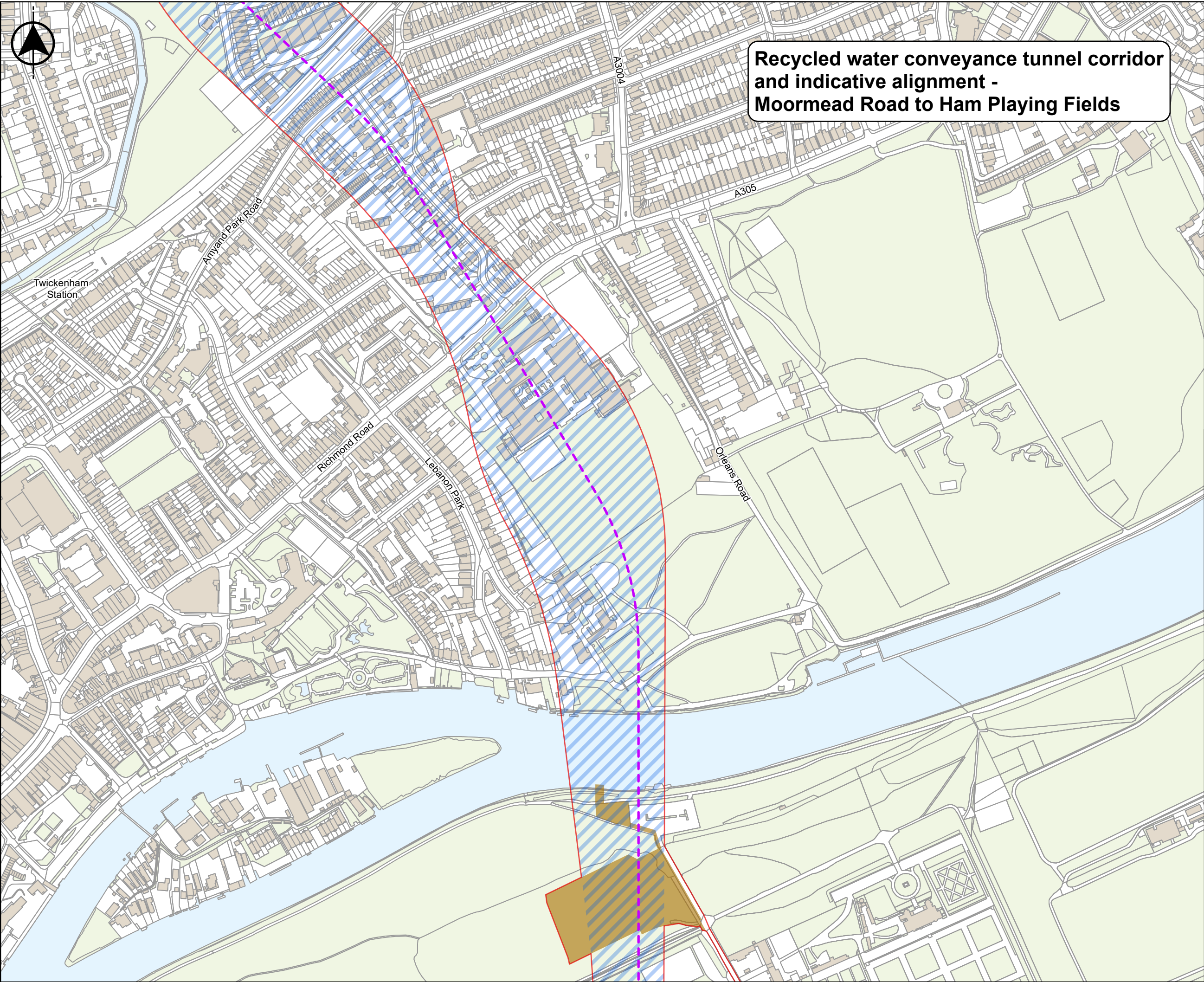
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**Recycled water conveyance tunnel corridor and indicative alignment - Moormead Road to Ham Playing Fields**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Recycled water conveyance tunnel corridor

Ham Playing Fields - Work area

Important Information

**Recycled water conveyance tunnel corridor and indicative alignment – Moormead Road to Ham Playing Fields**

The recycled water conveyance tunnel corridor shows the land within which the tunnel would be constructed underground. The corridor shown on the map is wider than the final tunnel would be, and the alignment of the tunnel presented is indicative. This is because we are carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

For more information on how we would build the recycled water conveyance tunnel, please see pages 30 - 31 of the Statutory Consultation Brochure.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client

APFP References: N/A

Security Reference: Public

Site Name: N/A

Project: Teddington Direct River Abstraction

Title: CONSTRUCTION PHASE - RECYCLED WATER CONVEYANCE TUNNEL AND INDICATIVE ALIGNMENT

Scale at A3 1:4,000

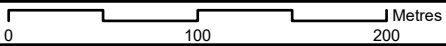
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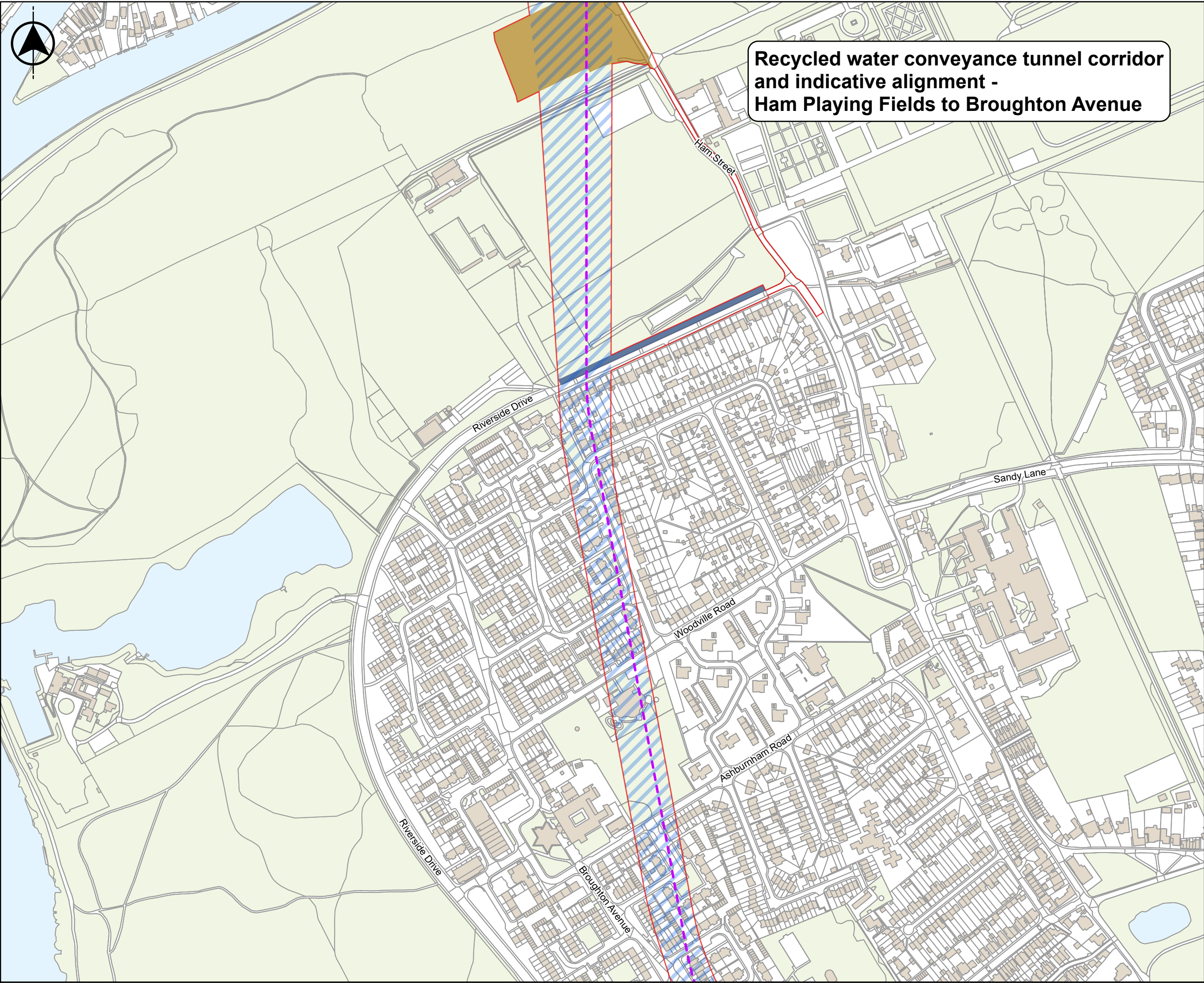
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Rev C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.







**Recycled water conveyance tunnel corridor  
and indicative alignment -  
Ham Playing Fields to Broughton Avenue**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Recycled water conveyance tunnel corridor

Ham Playing Fields - Work area

Area for potential temporary replacement parking to allow construction vehicle movements

Important Information

**Recycled water conveyance tunnel corridor and indicative alignment – Ham Playing Fields to Broughton Avenue**

The recycled water conveyance tunnel corridor shows the land within which the tunnel would be constructed underground. The corridor shown on the map is wider than the final tunnel would be, and the alignment of the tunnel presented is indicative. This is because we are carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

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Scale at A3 1:4,000

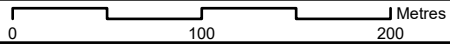
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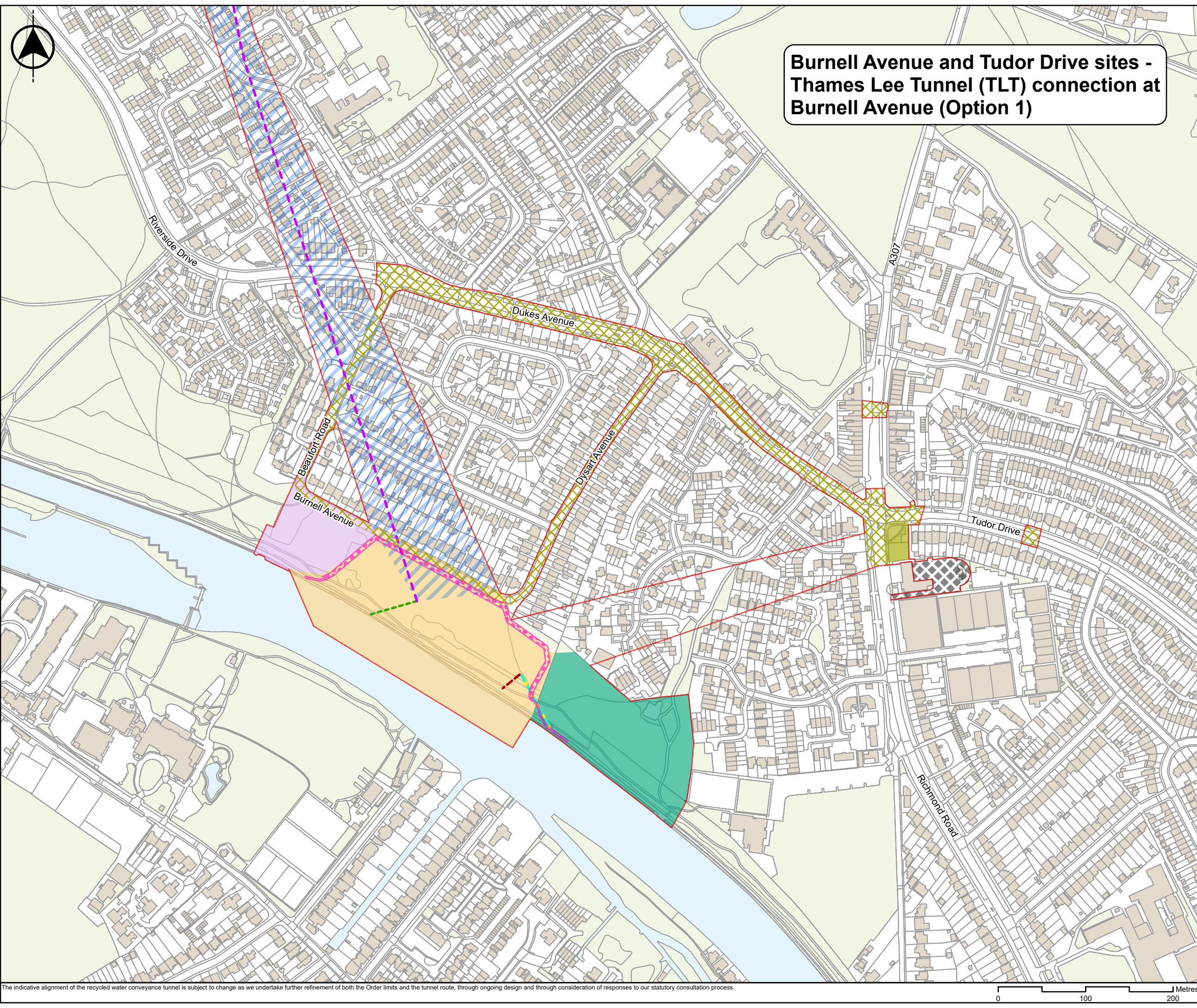
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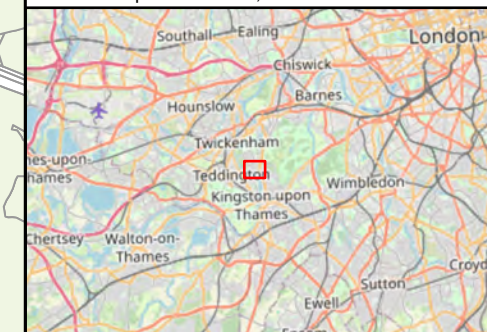














**Burnell Avenue and Tudor Drive sites -  
Thames Lee Tunnel (TLT) connection at  
Burnell Avenue (Option 1)**

Do not scale

Location Map Scale: 1:500,000



Legend

- |   |   |
|---|---|
|  | Draft Order limits  |
|  | Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m) |
|  | Indicative alignment of the below-ground intake connection                            |
|  | Indicative alignment of the below-ground outfall connection                           |
|  | Indicative alignment of the below-ground adit tunnel (Option 1)                       |
|  | Recycled water conveyance tunnel corridor   |
|  | Area for potential temporary highway works  |
|  | Burnell Avenue site - Main work area  |
|  | Burnell Avenue site - Northern work area  |
|  | Burnell Avenue site - Southern work area  |
|  | Tudor Drive site  |
|  | Tudor Drive site - Lay down area  |
|  | Temporary diversions of walking and cycling paths                                     |

### Important Information

Burnell Avenue and Tudor Drive sites - Thames Lee Tunnel (TLT) connection at Burnell Avenue (Option 1)

The Burnell Avenue site would be divided into three areas: the Northern Work Area, the Main Work Area, and the Southern Work Area. The site would be used to build the reception shaft for the TBM, the outfall and intake, and their associated shafts, connections and controls.

The Tudor Drive site would support strengthening works to the TLT. The Burnell Avenue TLT connection (Option 1) would have reduced construction impacts at Tudor Drive compared to Option 2. For more information, see pages 36 - 41 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Current Revision Information	
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C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025	
Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date	

Client



**APEP References:**

	N/A
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Security Reference:
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Public

Site Name:

	N/A
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Project:

Teddington Direct River Abstraction

Title: CONSTRUCTION PHASE - BURNELL AVENUE  
AND TUDOR DRIVE SITES (OPTION 1)

Scale at A3  
1:4,000

	Drawing Number
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J698-JMM-C04X-TEDD-MP-ST-100003

Sheet Size:	A3
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MP-ST-100003	REV C01
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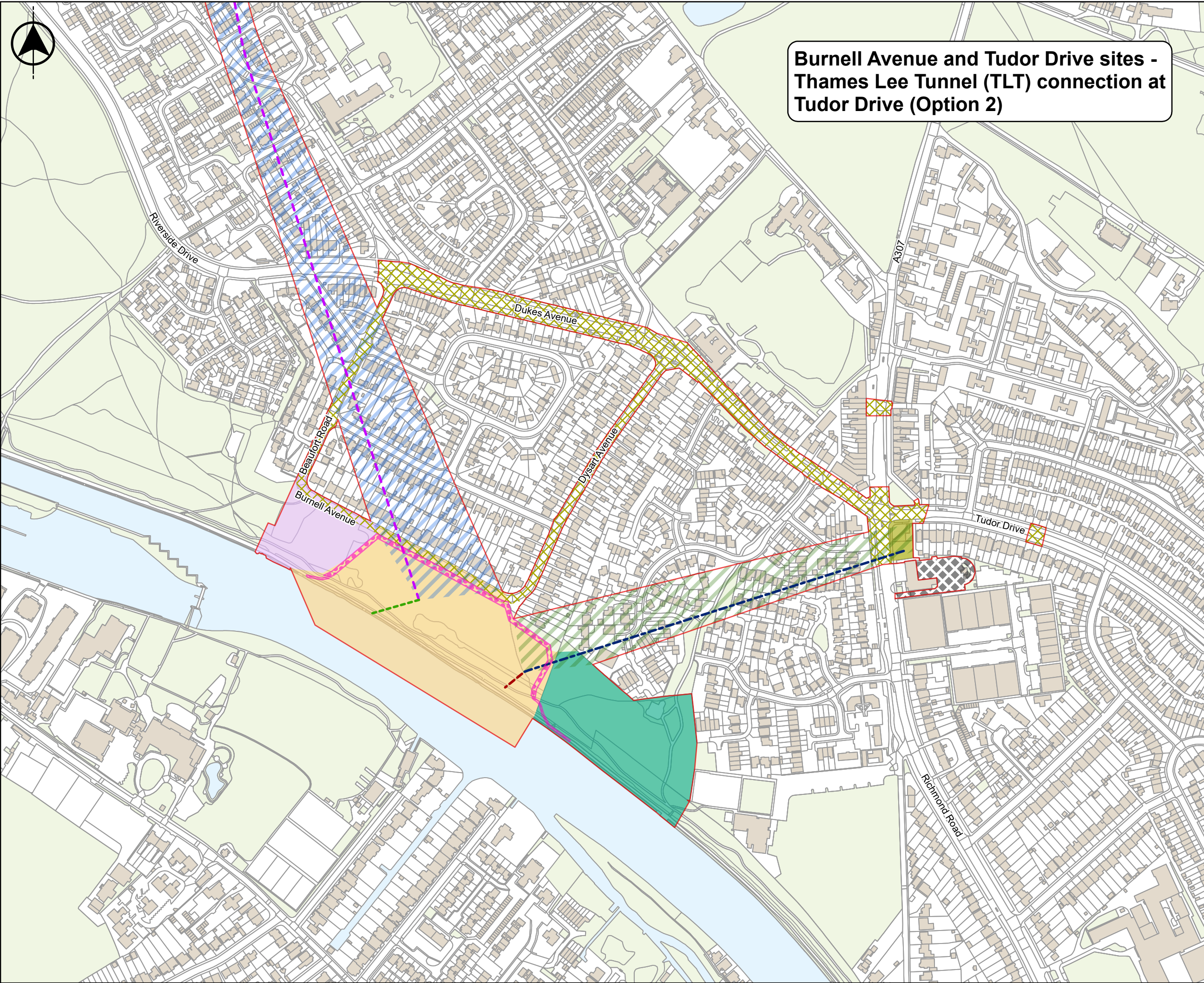
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The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

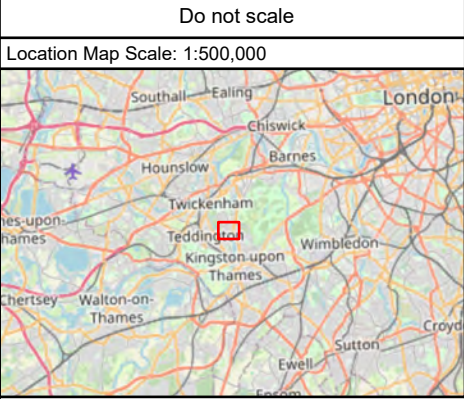
0 100 200 Metres

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**Burnell Avenue and Tudor Drive sites -  
Thames Lee Tunnel (TLT) connection at  
Tudor Drive (Option 2)**



- Legend**
- Draft Order limits
  - Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)
  - Indicative alignment of the below-ground intake connection
  - Indicative alignment of the below-ground outfall connection
  - Indicative alignment of the raw water conveyance tunnel (Option 2)
  - Recycled water conveyance tunnel corridor
  - Raw water conveyance tunnel corridor
  - Area for potential temporary highway works
  - Burnell Avenue site - Main work area
  - Burnell Avenue site - Northern work area
  - Burnell Avenue site - Southern work area
  - Tudor Drive site
  - Tudor Drive site - Lay down area
  - Temporary diversions of walking and cycling paths

**Important Information**  
**Burnell Avenue and Tudor Drive sites – Thames Lee Tunnel connection at Tudor Drive (Option 2)**

The Burnell Avenue site would be divided into three areas: the Northern Work Area, the Main Work Area, and the Southern Work Area. The site would be used to build the reception shaft for the TBM, the outfall and intake, and their associated shafts, connections and controls.

The Tudor Drive site would support strengthening works to the TLT, and if the Tudor Drive TLT connection were chosen (Option 2), would require more complex works for a longer period at Tudor Drive than Option 1. For more information, please see pages 36 - 41 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date
C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025



APFP References: N/A

Security Reference: Public

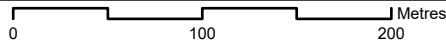
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Project: Teddington Direct River Abstraction

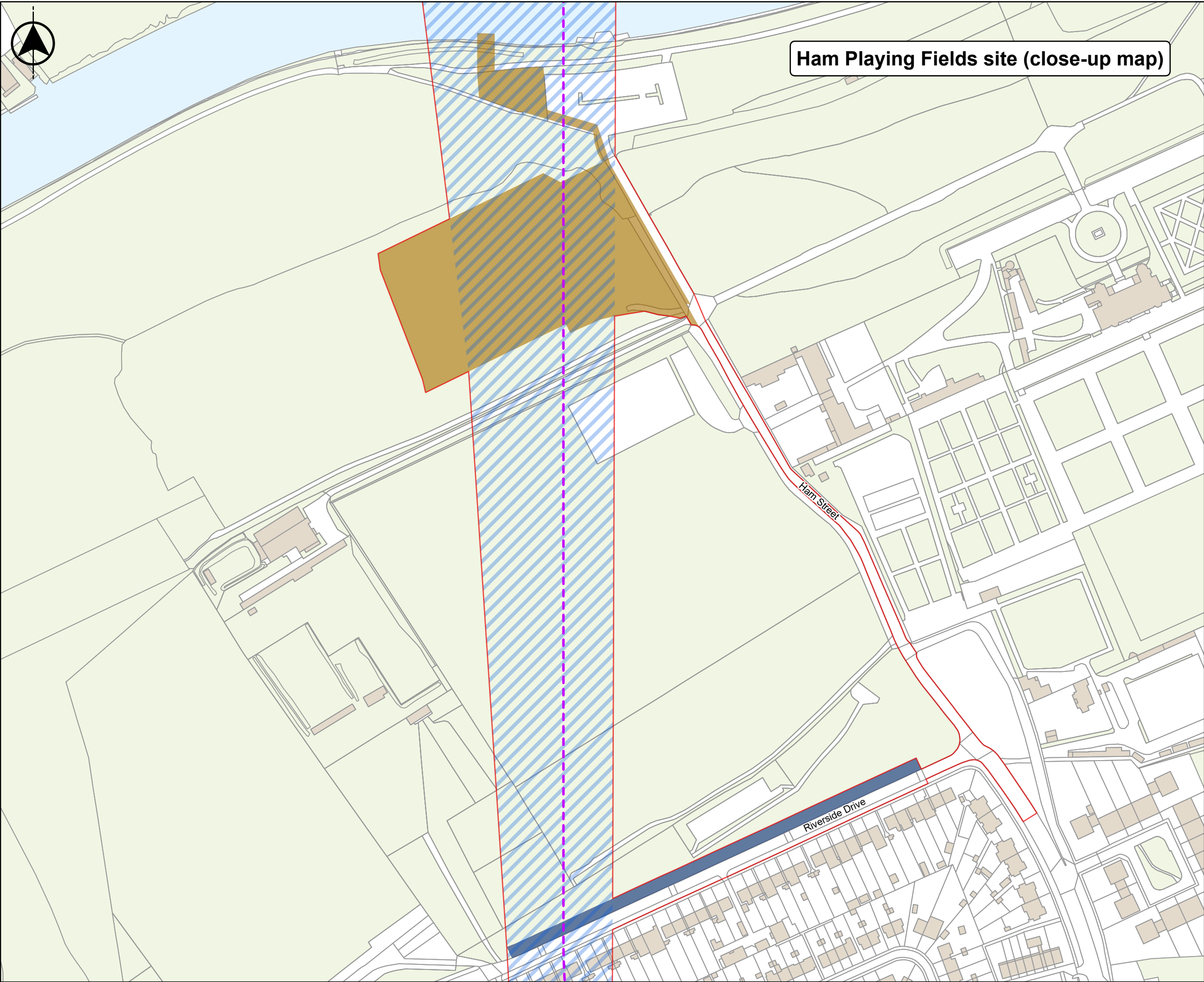
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Scale at A3 1:4,000	Sheet Size: A3	Status A
Drawing Number J698-JMM-C04X-TEDD-MP-ST-100003		Rev C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.



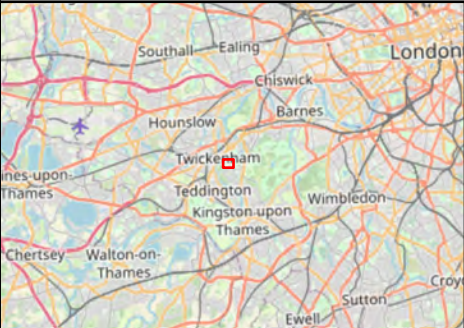




## Ham Playing Fields site (close-up map)

Do not scale

Location Map Scale: 1:500,000



### Legend

- Draft Order limits
- Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)
- Recycled water conveyance tunnel corridor
- Ham Playing Fields - Work area
- Area for potential temporary replacement parking to allow construction vehicle movements

### Important Information

#### Ham Playing Fields site

The Ham Playing Fields site would be used to build the intermediate shaft, and would include the Main Work Area on Ham Playing Fields and the Support Work Area next to Ham Street car park. This site would be situated in a recreational area and we'd seek to minimise effects on the land, including Public Rights of Way, as far as practicable.

For more information, please see pages 34 - 35 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client



APFP References: N/A

Security Reference: Public

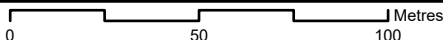
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Project: Teddington Direct River Abstraction

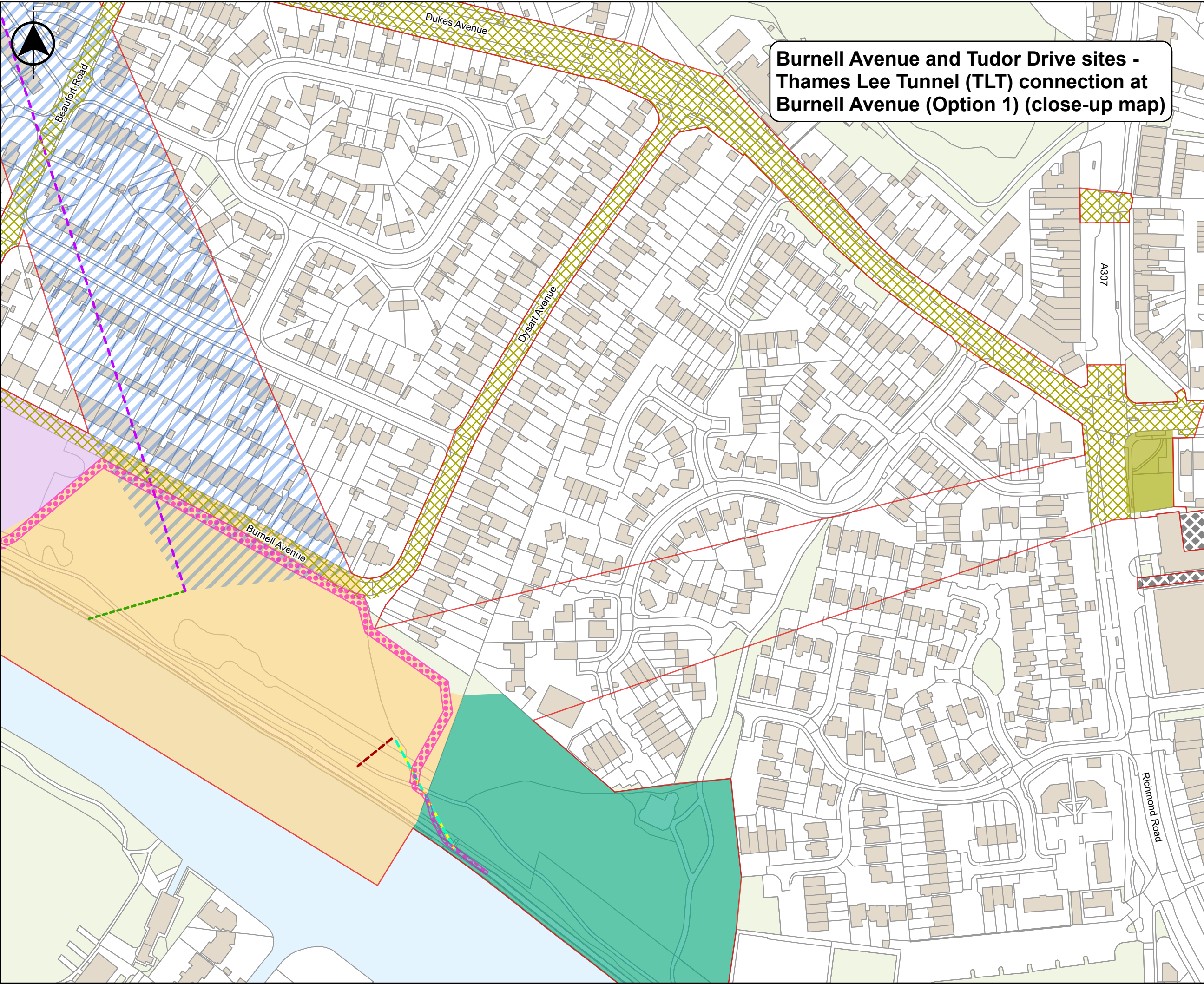
Title: CONSTRUCTION PHASE - HAM PLAYING FIELDS SITE

Scale at A3 1:2,000	Sheet Size: A3	Status A
Drawing Number J698-JMM-C04X-TEDD-MP-ST-100003		Rev C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.







**Burnell Avenue and Tudor Drive sites -  
Thames Lee Tunnel (TLT) connection at  
Burnell Avenue (Option 1) (close-up map)**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the below-ground intake connection

Indicative alignment of the below-ground outfall connection

Indicative alignment of the below-ground adit tunnel (Option 1)

Recycled water conveyance tunnel corridor

Area for potential temporary highway works

Burnell Avenue site - Main work area

Burnell Avenue site - Northern work area

Burnell Avenue site - Southern work area

Tudor Drive site

Tudor Drive site - Lay down area

Temporary diversions of walking and cycling paths

Important Information

**Burnell Avenue and Tudor Drive sites - Thames Lee Tunnel (TLT) connection at Burnell Avenue (Option 1)**

The Burnell Avenue site would be divided into three areas: the Northern Work Area, the Main Work Area, and the Southern Work Area. The site would be used to build the reception shaft for the TBM, the outfall and intake, and their associated shafts, connections and controls.

The Tudor Drive site would support strengthening works to the TLT. The Burnell Avenue TLT connection (Option 1) would have reduced construction impacts at Tudor Drive compared to Option 2. For more information, see pages 36 - 41 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Client

APFP References: N/A

Security Reference: Public

Site Name: N/A

Project: Teddington Direct River Abstraction

Title: CONSTRUCTION PHASE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 1)

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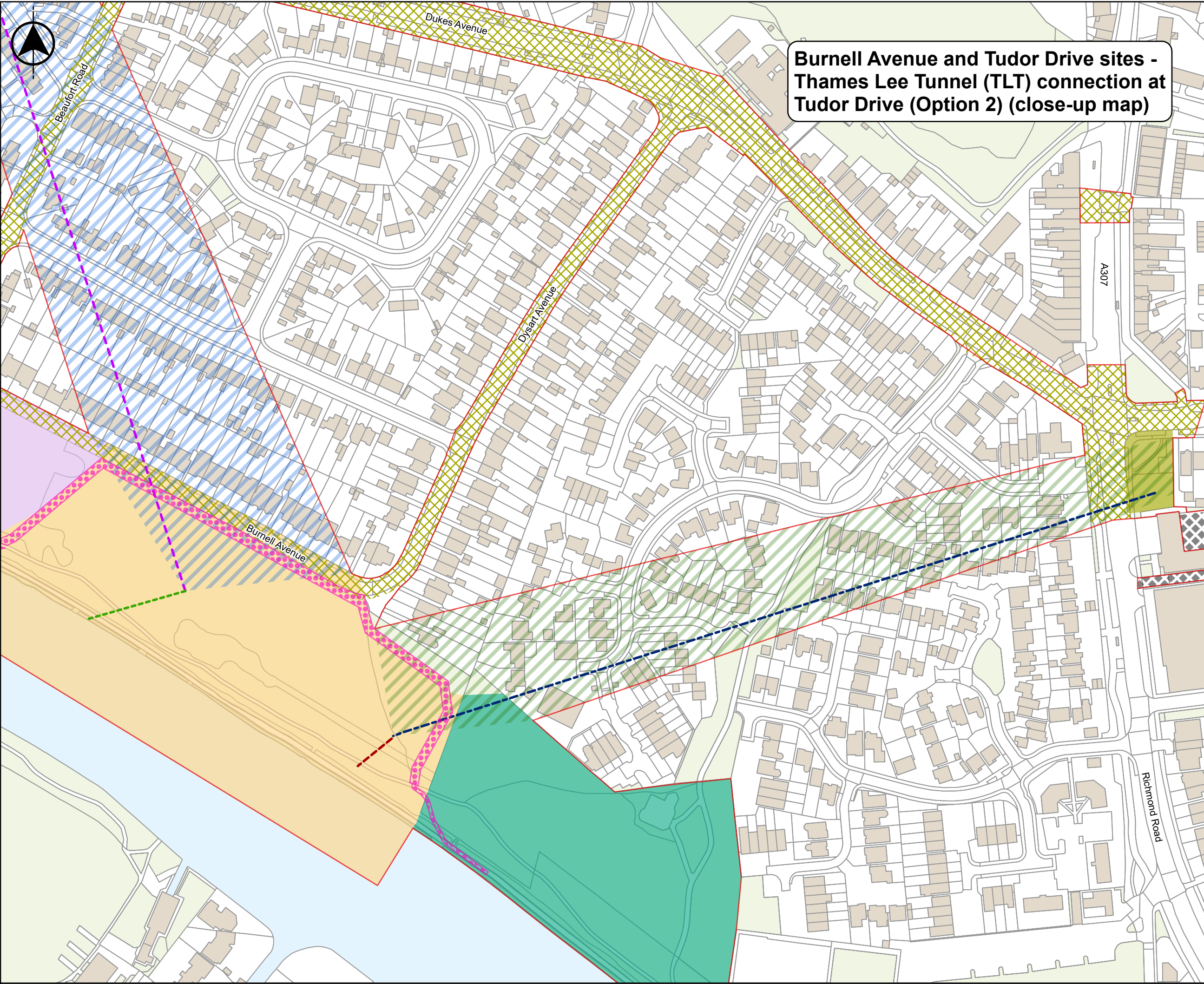
Status A

Drawing Number J698-JMM-C04X-TEDD-MP-ST-100003

Rev C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.





**Burnell Avenue and Tudor Drive sites -  
Thames Lee Tunnel (TLT) connection at  
Tudor Drive (Option 2) (close-up map)**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the below-ground intake connection

Indicative alignment of the below-ground outfall connection

Indicative alignment of the raw water conveyance tunnel (Option 2)

Recycled water conveyance tunnel corridor

Raw water conveyance tunnel corridor

Area for potential temporary highway works

Burnell Avenue site - Main work area

Burnell Avenue site - Northern work area

Burnell Avenue site - Southern work area

Tudor Drive site

Tudor Drive site - Lay down area

Temporary diversions of walking and cycling paths

Important Information

**Burnell Avenue and Tudor Drive sites – Thames Lee Tunnel connection at Tudor Drive (Option 2)**

The Burnell Avenue site would be divided into three areas: the Northern Work Area, the Main Work Area, and the Southern Work Area. The site would be used to build the reception shaft for the TBM, the outfall and intake, and their associated shafts, connections and controls.

The Tudor Drive site would support strengthening works to the TLT, and if the Tudor Drive TLT connection were chosen (Option 2), would require more complex works for a longer period at Tudor Drive than Option 1. For more information, please see pages 36 - 41 of the Statutory Consultation Brochure.

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Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

CONSTRUCTION PHASE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 2)

Scale at A3

1:2,000

Sheet Size:

A3

Status

A

Drawing Number

J698-JMM-C04X-TEDD-MP-ST-100003

Rev

C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.



## Permanent land use

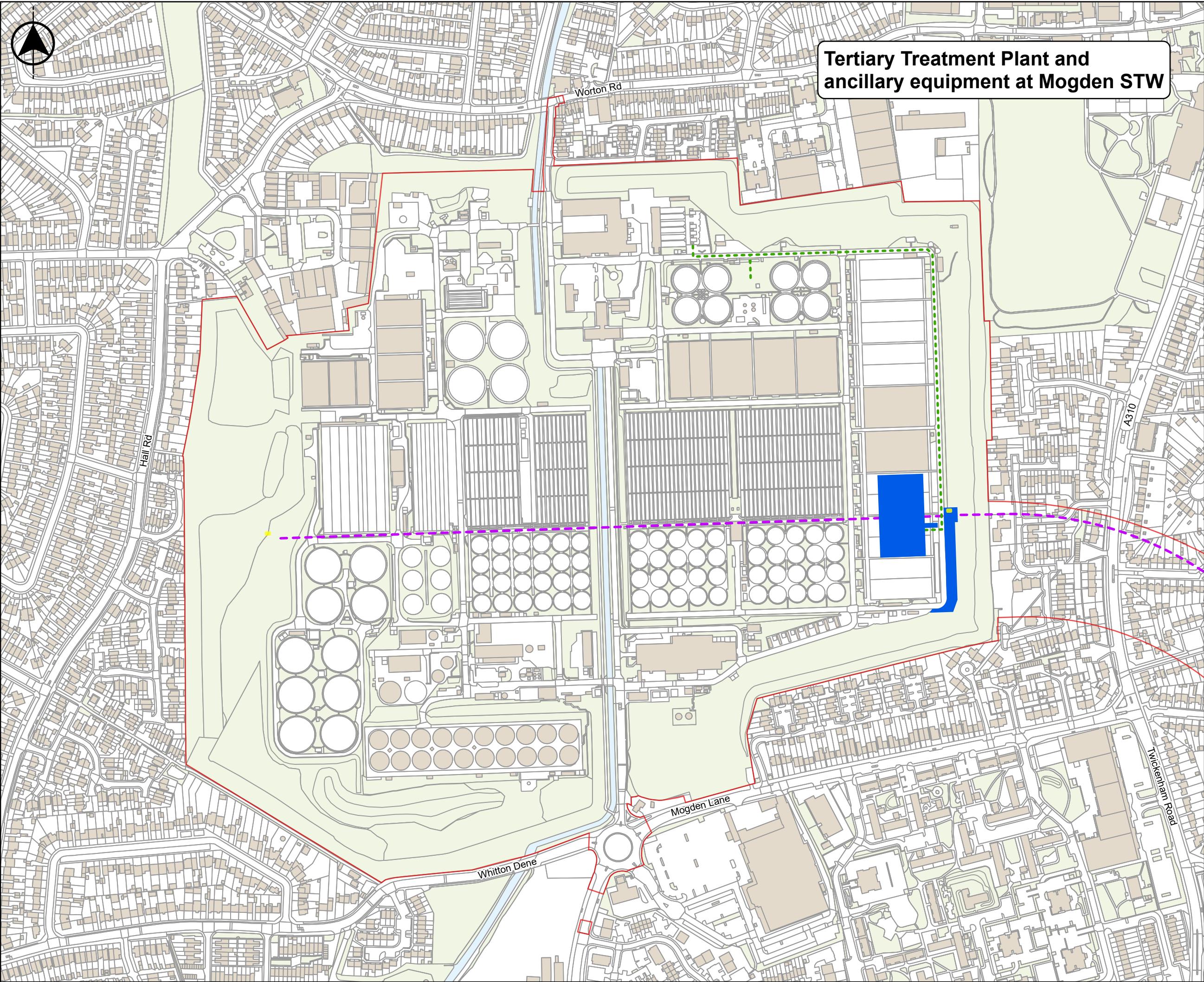
These maps show the land within the draft Order limits that we would need permanently to accommodate the new infrastructure that forms part of the project.

Most of the land required permanently would either be within our existing Mogden STW or would be underground. Only a relatively small amount of above-ground land would be needed permanently for the new infrastructure, such as the proposed intake and outfall.

For more information about the new infrastructure proposed as part of the project, see the 'How the project will work' section of the Statutory Consultation Brochure, available on our website at [www.thames-sro.co.uk/TDRA/statcon2025](http://www.thames-sro.co.uk/TDRA/statcon2025).







**Tertiary Treatment Plant and ancillary equipment at Mogden STW**

Do not scale

Location Map Scale: 1:500,000

**Legend**

- Draft Order limits
- Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)
- Indicative alignment of the return pipeline
- Access hatches
- Tertiary Treatment Plant and ancillary equipment

**Important Information**

**Tertiary Treatment Plant and ancillary equipment at Mogden STW**

To help replace the water taken out of the River Thames at Teddington, we'd build a new Tertiary Treatment Plant (TTP) at our existing Mogden STW in Isleworth. The new 4.2km-long recycled water conveyance tunnel, which would transfer recycled water from the TTP to the proposed outlet at Teddington, would start at Mogden STW.

More information can be found in pages 18 - 19 of the Statutory Consultation Brochure.

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C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025

Client

APFP References: N/A

Security Reference: Public

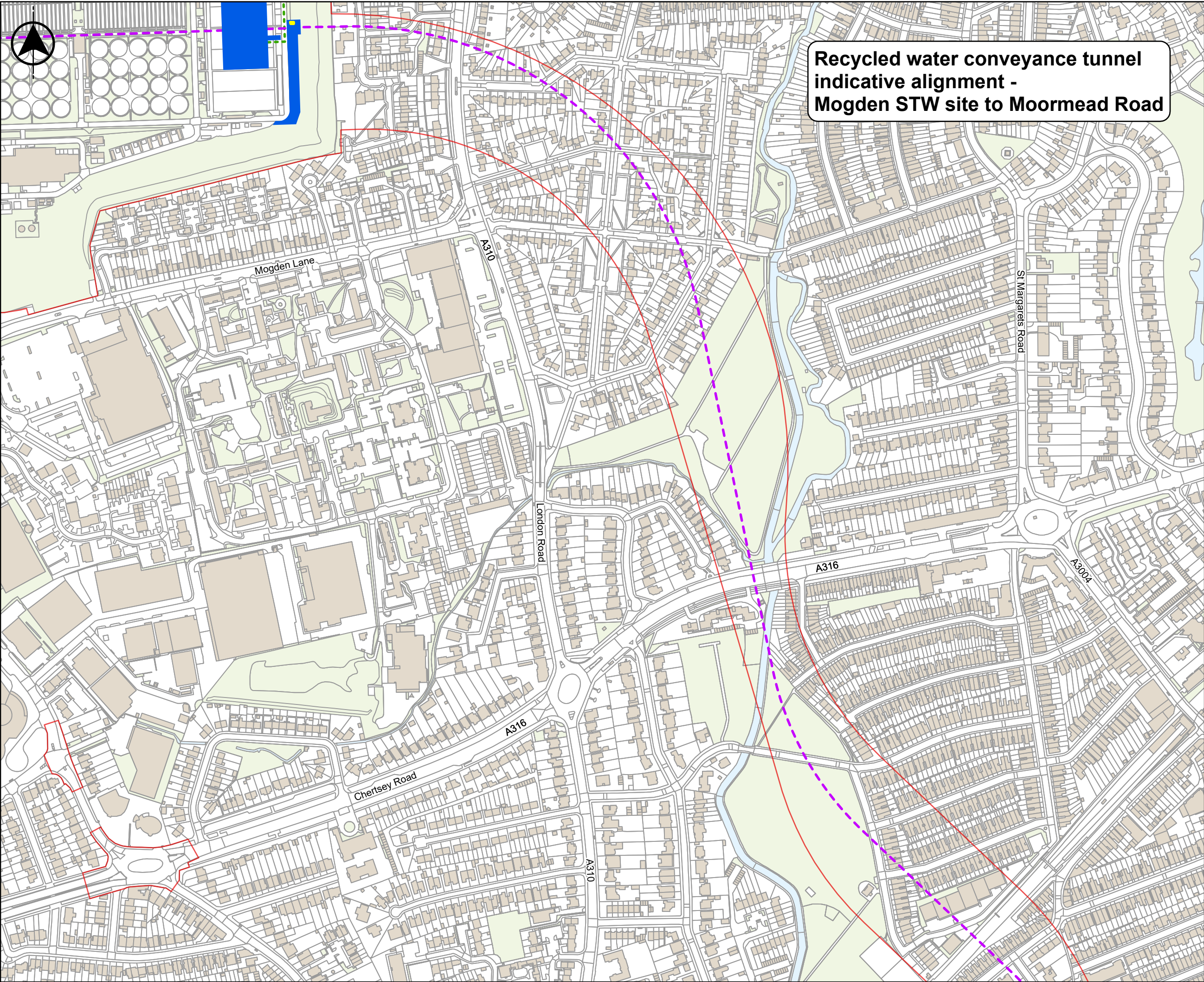
Site Name: N/A

Project: Teddington Direct River Abstraction

Title: PERMANENT LAND USE - MOGDEN SEWAGE TREATMENT WORKS (STW) SITE

Scale at A3 1:4,000	Sheet Size: A3	Status A
Drawing Number J698-JMM-C04X-TEDD-MP-ST-100002	Rev C01	





The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

**Recycled water conveyance tunnel  
indicative alignment -  
Mogden STW site to Moormead Road**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the return pipeline

Access hatches

Tertiary Treatment Plant and ancillary equipment

Important Information

**Recycled water conveyance tunnel indicative alignment - Mogden STW site to Moormead Road**

This map shows the indicative route for the recycled water conveyance tunnel within the draft Order limits. The alignment shown is indicative and we're carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

For more information, please see pages 20 - 21 of the Statutory Consultation Brochure.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client

APFP References:  
N/A

Security Reference:  
Public

Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
PERMANENT LAND USE -  
RECYCLED WATER CONVEYANCE TUNNEL  
AND INDICATIVE ALIGNMENT

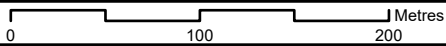
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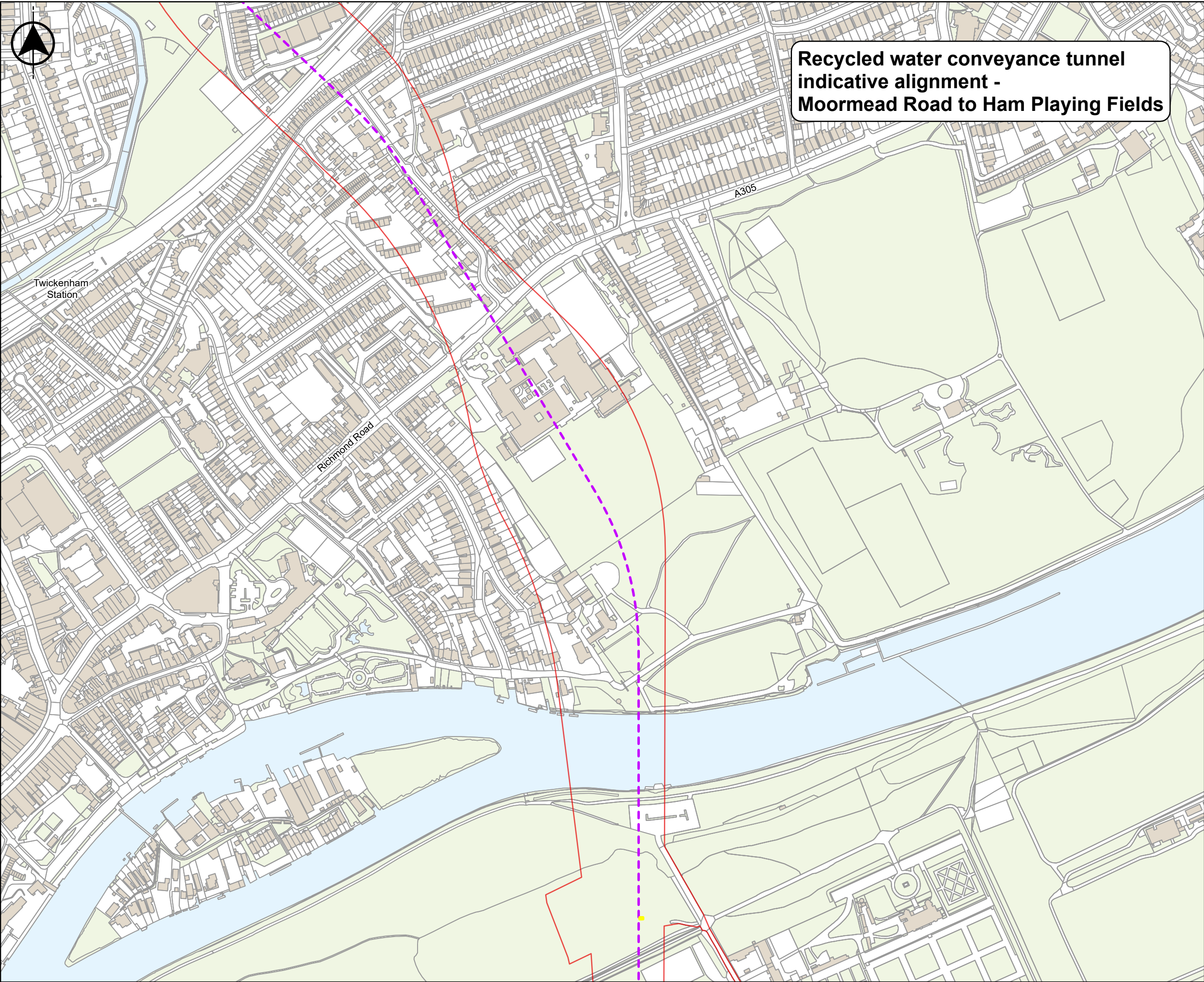
Status  
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Drawing Number  
J698-JMM-C04X-TEDD-MP-ST-100002

Rev  
C01







Recycled water conveyance tunnel  
indicative alignment -  
Moormead Road to Ham Playing Fields

Do not scale

Location Map Scale: 1:500,000

Southall Ealing London  
Chiswick Barnes  
Hounslow Twickenham  
Uxbridge Teddington  
Kingston upon Thames  
Wimbledon  
Chertsey Walton-on-Thames  
Sutton Croy  
Ewell

Legend

- Draft Order limits
- Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)
- Access hatches

Important Information

**Recycled water conveyance tunnel indicative alignment - Moormead Road to Ham Playing Fields**

This map shows the indicative route for the recycled water conveyance tunnel within the draft Order limits. The alignment shown is indicative and we're carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

For more information, please see pages 20 - 21 of the Statutory Consultation Brochure.

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Client

APFP References:  
N/A

Security Reference:  
Public

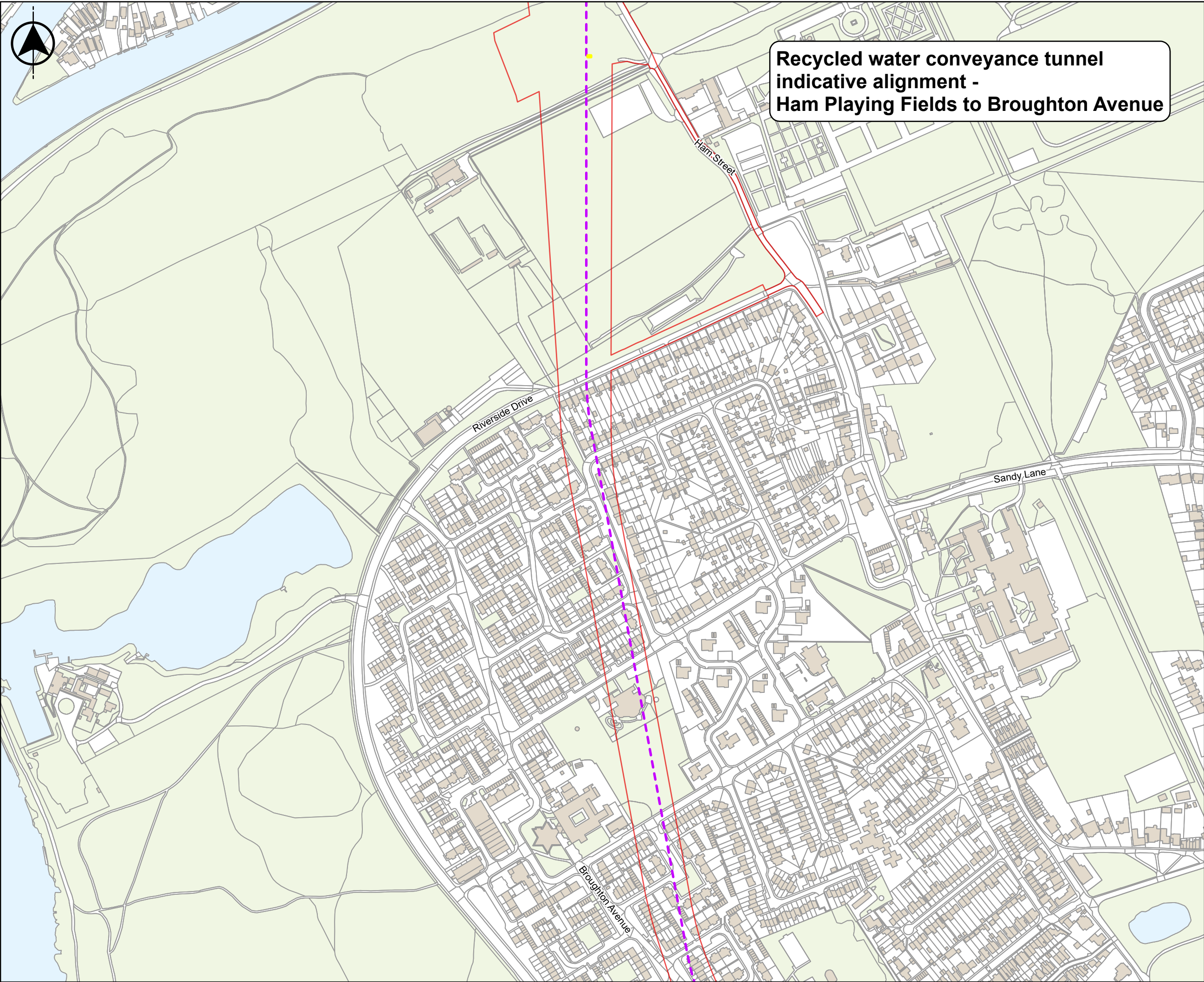
Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
PERMANENT LAND USE -  
RECYCLED WATER CONVEYANCE TUNNEL  
AND INDICATIVE ALIGNMENT

Scale at A3 1:4,000	Sheet Size: A3	Status A
Drawing Number J698-JMM-C04X-TEDD-MP-ST-100002		Rev C01





**Recycled water conveyance tunnel  
indicative alignment -  
Ham Playing Fields to Broughton Avenue**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Access hatches

Important Information

**Recycled water conveyance tunnel indicative alignment - Ham Playing Fields to Broughton Avenue**

This map shows the indicative route for the recycled water conveyance tunnel within the draft Order limits. The alignment shown is indicative and we're carrying out further investigations and surveys to establish the best alignment for the tunnel within this corridor.

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Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

PERMANENT LAND USE -  
RECYCLED WATER CONVEYANCE TUNNEL  
AND INDICATIVE ALIGNMENT

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Sheet Size:

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Status

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Drawing Number

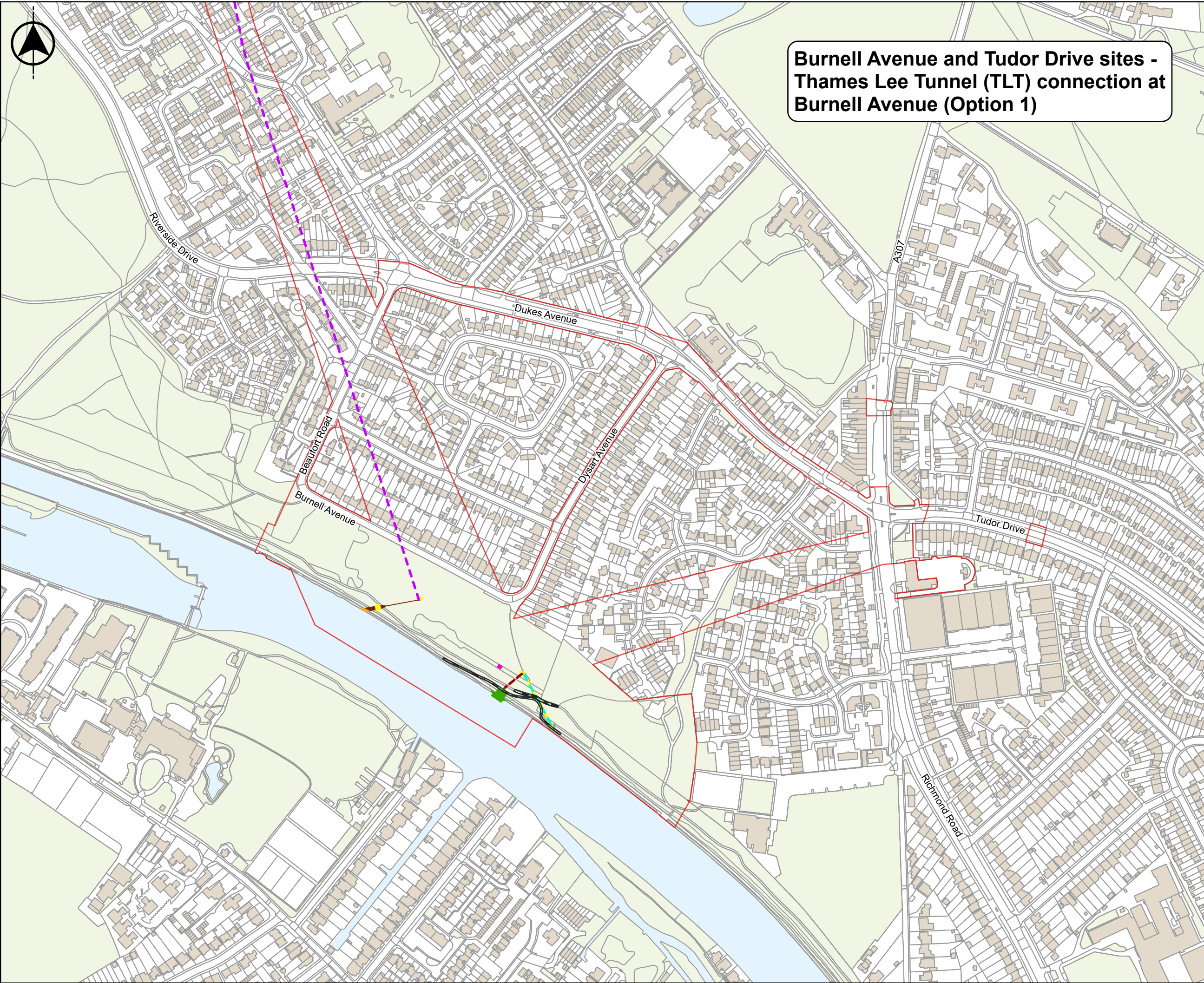
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Rev

C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.





# Burnell Avenue and Tudor Drive sites - Thames Lee Tunnel (TLT) connection at Burnell Avenue (Option 1)

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the below-ground adit tunnel (Option 1)

Indicative alignment of the below-ground intake connection

Intake

Below-ground outfall connection

Access hatches

Bankside outfall (Option A)

Kiosk housing control equipment

Walking and cycling path realignment

Important Information

**Burnell Avenue and Tudor Drive - Bankside outfall (Option A) and Burnell Avenue TLT connection (Option 1)**

The project's riverside infrastructure would include the intake, a kiosk to accommodate the intake and outfall's control and telemetry equipment, and the outfall. This map shows the bankside outfall (Option A), which would be largely buried into the riverbank to maintain public access to the riverbank. The connection to the Thames Lee Tunnel presented on this map is Option 1 (connection at Burnell Avenue). Options A and 1 are shown together in this map, but all combinations of outfall and TLT connection are under consideration.

Further information on the intake and the bankside outfall (Option A) can be found on pages 14 – 17 and page 22 of the Statutory Consultation Brochure respectively.

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Client

APFP References:  
N/A

Security Reference:  
Public

Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
PERMANENT LAND USE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 1)

Scale at A3  
1:4,000

Sheet Size:  
A3

Status  
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Drawing Number  
J698-JMM-C04X-TEDD-MP-ST-100002

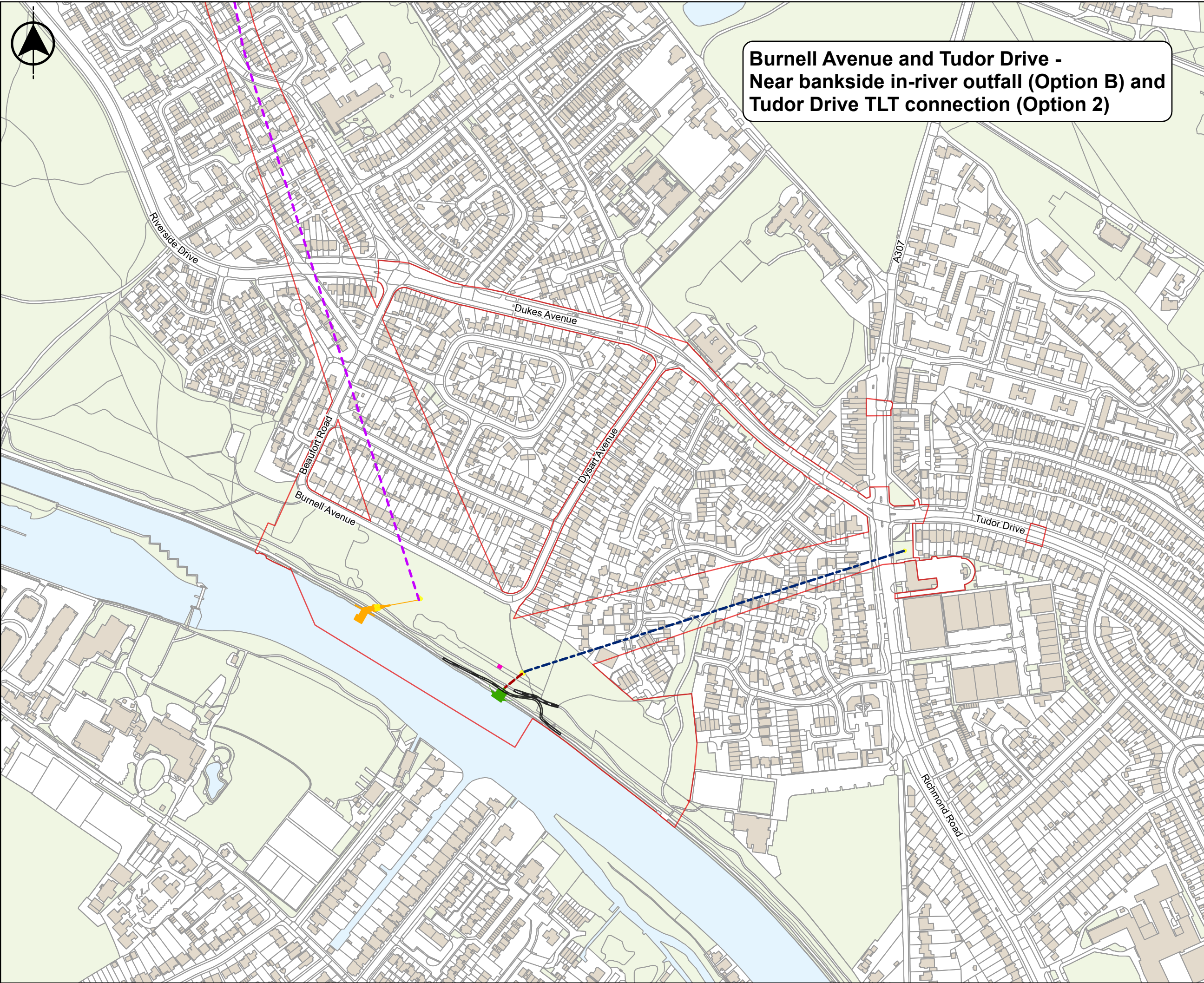
Rev  
C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

0 100 200 Metres

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# Burnell Avenue and Tudor Drive - Near bankside in-river outfall (Option B) and Tudor Drive TLT connection (Option 2)

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the below-ground intake connection

Indicative alignment of the raw water conveyance tunnel (Option 2)

Intake

Access hatches

Near bankside in-river outfall (Option B)

Kiosk housing control equipment

Walking and cycling path realignment

Important Information

**Burnell Avenue and Tudor Drive - Near bankside in-river outfall (Option B) and Tudor Drive TLT connection (Option 2)**

The project's riverside infrastructure would include the intake, a kiosk to accommodate the intake and outfall's control and telemetry equipment, and the outfall. This map shows the near bankside in-river outfall (Option B), which would be roughly 6-8 metres from the riverbank. Safety measures, such as a set of posts with ropes and buoys, would be installed to keep river users away from the structure. The connection to the Thames Lee Tunnel presented on this map is Option 2 (connection at Tudor Drive). Options B and 2 are shown together in this map, but all combinations of outfall and TLT connection are under consideration.

Further information on the intake and the near bankside in-river outfall (Option B) can be found on pages 14 – 17 and page 23 of the Statutory Consultation Brochure respectively.

The draft Order limits presented in this Map Book may be further refined or amended following this consultation and prior to the submission of our DCO application.

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Current Revision Information

The draft Order limits or above ground sites illustrated on this plan includes those areas in which land, or rights over or under land, are anticipated at this stage to potentially be required temporarily or permanently for the TDRA project.

C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025
Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

PERMANENT LAND USE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 2)

Scale at A3

1:4,000

Sheet Size:

A3

Status

A

Drawing Number

J698-JMM-C04X-TEDD-MP-ST-100002

Rev

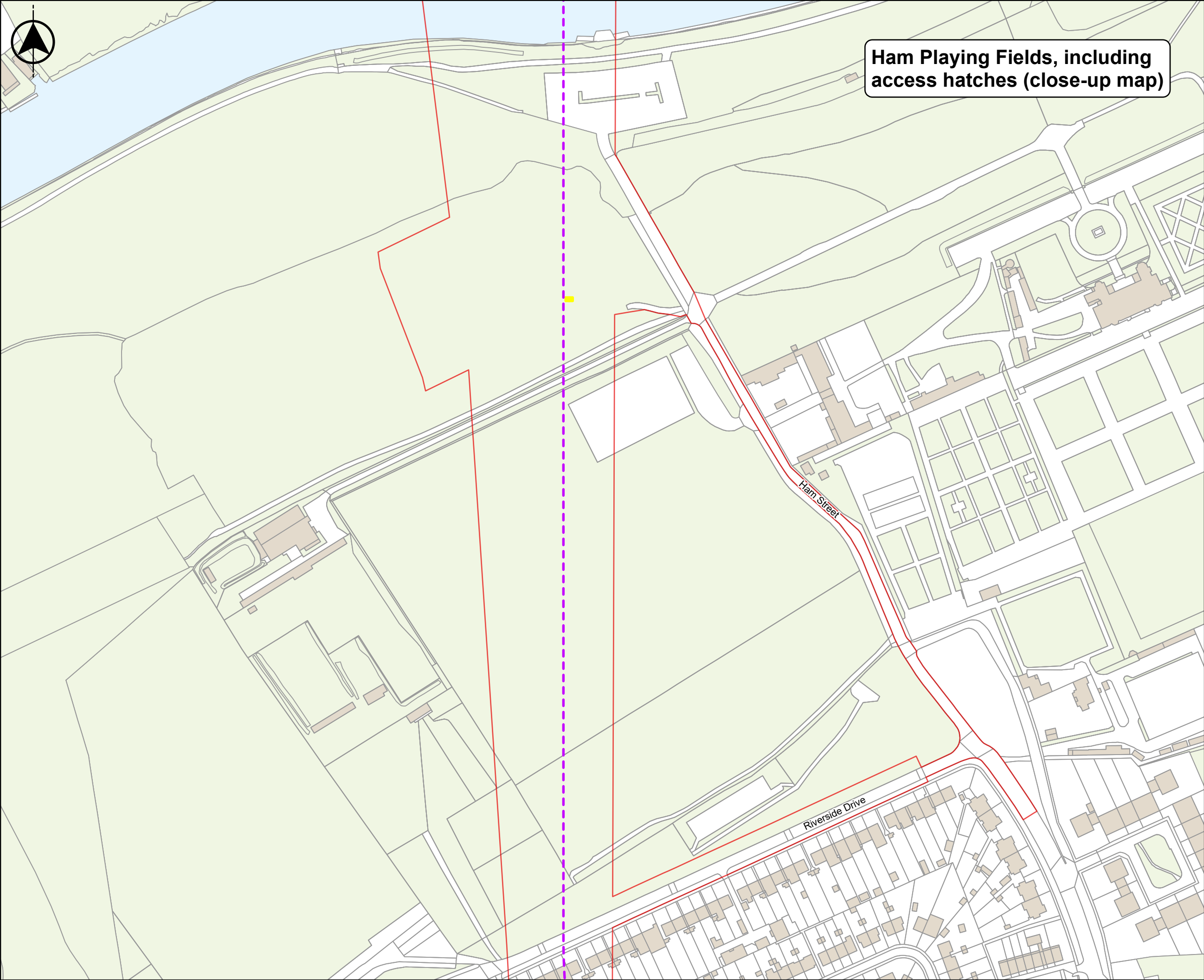
C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

0 100 200 Metres

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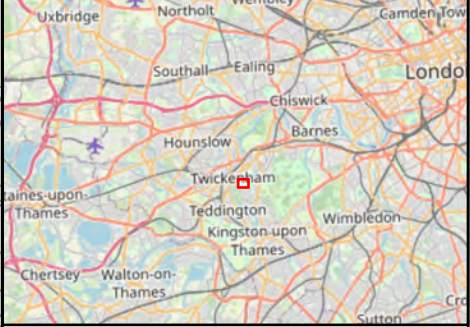





Ham Playing Fields, including access hatches (close-up map)


Do not scale


Location Map Scale: 1:500,000



Legend

 Draft Order limits

 Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

 Access hatches

Notes

**Ham Playing Fields**

Two 4m<sup>2</sup> maintenance hatches for the recycled water conveyance tunnel would be located in Ham Playing Fields, which would allow our staff to safely access the tunnel to carry out inspections and maintenance once the project is operational.

Further information can be found on page 21 of the Statutory Consultation Brochure.

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Rev	Status	Suitability Description	Authorised	Checked	Reviewed	Date

Client



APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

PERMANENT LAND USE - HAM PLAYING FIELDS

Scale at A3

1:2,000

Sheet Size:

A3

Status

A

Drawing Number

J698-JMM-C04X-TEDD-MP-ST-100002

Rev

C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.

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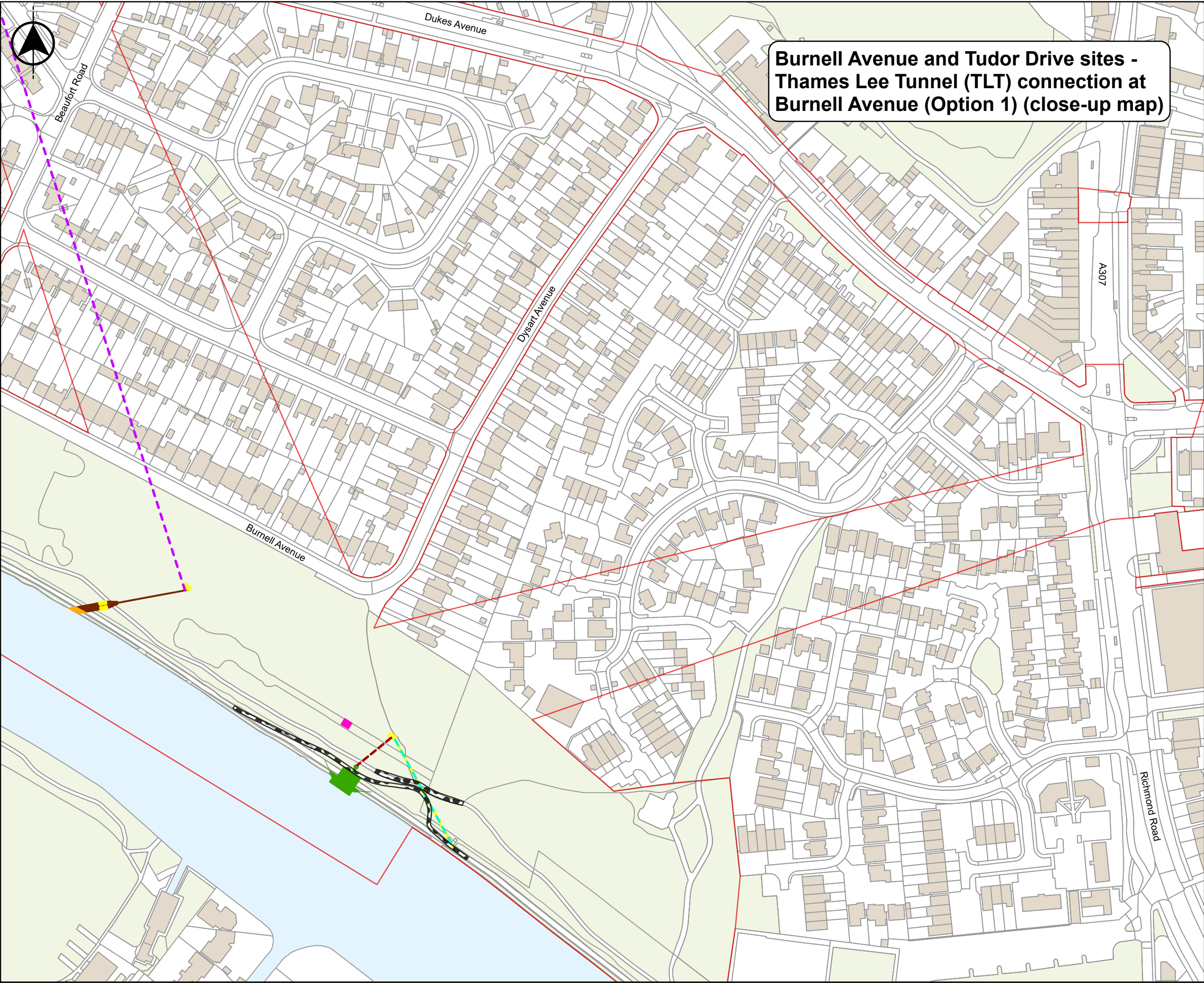
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100

Metres

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**Burnell Avenue and Tudor Drive sites -  
Thames Lee Tunnel (TLT) connection at  
Burnell Avenue (Option 1) (close-up map)**

Do not scale

Location Map Scale: 1:500,000

Legend

Draft Order limits

Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)

Indicative alignment of the below-ground adit tunnel (Option 1)

Indicative alignment of the below-ground intake connection

Intake

Below-ground outfall connection

Access hatches

Bankside outfall (Option A)

Kiosk housing control equipment

Walking and cycling path realignment

Important Information

**Burnell Avenue and Tudor Drive - Bankside outfall (Option A) and Burnell Avenue TLT connection (Option 1)**

The project's riverside infrastructure would include the intake, a kiosk to accommodate the intake and outfall's control and telemetry equipment, and the outfall. This map shows the bankside outfall (Option A), which would be largely buried into the riverbank to maintain public access to the riverbank. The connection to the Thames Lee Tunnel presented on this map is Option 1 (connection at Burnell Avenue). Options A and 1 are shown together in this map, but all combinations of outfall and TLT connection are under consideration.

Further information on the intake and the bankside outfall (Option A) can be found on pages 14 – 17 and page 22 of the Statutory Consultation Brochure respectively.

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C01	A	Authorised and accepted for consultation	LK	GBR	MC	04/06/2025

Client

APFP References:

N/A

Security Reference:

Public

Site Name:

N/A

Project:

Teddington Direct River Abstraction

Title:

PERMANENT LAND USE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 1)

Scale at A3

1:2,000

Sheet Size:

A3

Status

A

Drawing Number

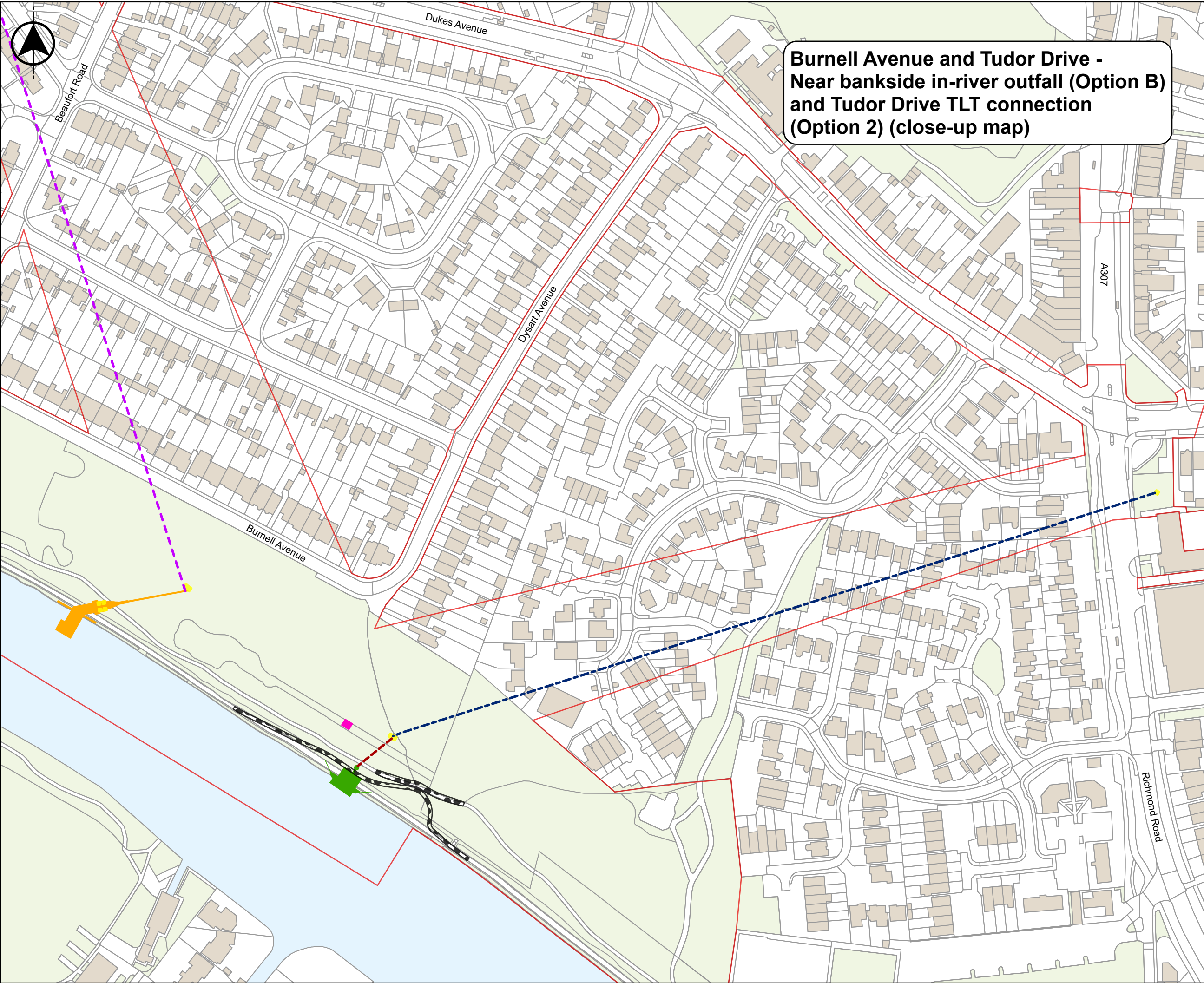
J698-JMM-C04X-TEDD-MP-ST-100002

Rev

C01

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**Burnell Avenue and Tudor Drive -  
Near bankside in-river outfall (Option B)  
and Tudor Drive TLT connection  
(Option 2) (close-up map)**

Do not scale

Location Map Scale: 1:500,000

**Legend**

- Draft Order limits
- Indicative alignment of the recycled water conveyance tunnel (internal diameter 3.5m)
- Indicative alignment of the below-ground intake connection
- Indicative alignment of the raw water conveyance tunnel (Option 2)
- Intake
- Access hatches
- Near bankside in-river outfall (Option B)
- Kiosk housing control equipment
- Walking and cycling path realignment

**Important Information**

**Burnell Avenue and Tudor Drive - Near bankside in-river outfall (Option B) and Tudor Drive TLT connection (Option 2)**

The project's riverside infrastructure would include the intake, a kiosk to accommodate the intake and outfall's control and telemetry equipment, and the outfall. This map shows the near bankside in-river outfall (Option B), which would be roughly 6-8 metres from the riverbank. Safety measures, such as a set of posts with ropes and buoys, would be installed to keep river users away from the structure. The connection to the Thames Lee Tunnel presented on this map is Option 2 (connection at Tudor Drive). Options B and 2 are shown together in this map, but all combinations of outfall and TLT connection are under consideration.

Further information on the intake and the near bankside in-river outfall (Option B) can be found on pages 14 – 17 and page 23 of the Statutory Consultation Brochure respectively.

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Client

APFP References:  
N/A

Security Reference:  
Public

Site Name:  
N/A

Project:  
Teddington Direct River Abstraction

Title:  
PERMANENT LAND USE - BURNELL AVENUE AND TUDOR DRIVE SITES (OPTION 2)

Scale at A3  
1:2,000

Sheet Size:  
A3

Status  
A

Drawing Number  
J698-JMM-C04X-TEDD-MP-ST-100002

Rev  
C01

The indicative alignment of the recycled water conveyance tunnel is subject to change as we undertake further refinement of both the Order limits and the tunnel route, through ongoing design and through consideration of responses to our statutory consultation process.







# Notice

This document has been produced to support the summer 2025 statutory consultation on the Teddington Direct River Abstraction project. The information presented represents the current stage of the project design. It comprises material or data that is set out in draft and may be further refined subject to design development, surveys, stakeholder engagement and feedback from the statutory consultation.





