



Working with

AffinityWater

Taking care of your water



from
**Southern
Water.**

South East Strategic Reservoir Option (SESRO)

Statutory Consultation Map Book

Autumn 2025



Contents

Explanatory Notes.....	3
Index of Maps.....	4
Draft Order Limits Plan	5
Indicative Masterplan	7
Indicative River Tunnel Plan and Section	15
Construction Elements Plan	23

Explanatory Notes

This Map Book shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

The draft Order limits presented in this Map Book 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 SESRO project. 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.

Refer to section 2.5 of Preliminary Environmental Information Report Chapter 2 - Project Description for further information and description on the reservoir and associated infrastructure. You can find this document alongside other statutory consultation documents at www.thames-sro.co.uk/sesro/statcon2025

Notice

This document has been produced to support the 2025 statutory consultation on the proposed new reservoir. 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.



Index of Maps

Draft Order Limits Plan	5
Indicative Masterplan	7
Indicative River Tunnel Plan and Section	15
Construction Elements Plan	23

Draft Order Limits Plan



Indicative Masterplan





Do not scale - if in doubt ask

Key Plan

Notes

1. All dimensions in metres unless noted otherwise.

2. 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.

3. The draft Order limits 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 SESRO project.

4. This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

5. For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.

6. *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Legend

Draft Order limits

Area omitted from draft Order limits

Neutral Grassland

Modified Grassland

Lowland Meadow

Grazing Marsh

Wet Woodland

Woodland and Copse

Scrub

Enhanced Hedgerow

Native Rich Hedgerows

Native Rich Hedgerows with Trees

Project Priority Areas for Biodiversity (PAB)

Seasonal Wetland

Ditches

Ecological Pond

Lagoon

Floating Island

Integrated Constructed Wetlands (Foul Treatment)

Contours with 5m intervals

Active travel routes, additional footpaths and non-motorised user (NMU) provision

132kV Overhead Line Diversion

Landscape Earthwork

Crest Nodes

Reservoir Water Extent

Recreational Lakes

Rip rap

Recreation and amenity related buildings

Infrastructure related buildings

Highways

Shared Use Ramps

Maintenance Access Track

Balancing Ponds

Watercourse Diversion

Provision for Wilts and Berks Canal (Water Channel)

Retained Scrub

Retained Water Body

Retained Woodland

Floating Solar

Ground-mounted solar (solar farm reversion)

River Tunnel

Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

C01	A1	Authorised and accepted	AT	DA	AC	AW	17-10-20
Revision	Status	Suitability Description	Authorised	Checked	Reviewed	Approved	Date

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative Masterplan for Consultation

Scale: 1:12500

Sheet Size: A1

Status: A1

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250001

Revision: C01

0 625m 1,250m

1:12,500 @A1



Do not scale - if in doubt ask

Key Plan

Notes

- All dimensions in metres unless noted otherwise.
- 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.
- The draft Order limits 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 SESRO project.
- This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.
- For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.
- *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Legend

Draft Order limits	Landscape Earthwork
Area omitted from draft Order limits	Crest Nodes
Neutral Grassland	Reservoir Water Extent
Modified Grassland	Recreational Lakes
Lowland Meadow	Rip rap
Grazing Marsh	Recreation and amenity related buildings
Wet Woodland	Infrastructure related buildings
Woodland and Copse	Highways
Scrub	Shared Use Ramps
Enhanced Hedgerow	Maintenance Access Track
Native Rich Hedgerows	Balancing Ponds
Native Rich Hedgerows with Trees	Watercourse Diversion
Project Priority Areas for Biodiversity (PAB)	Provision for Wilts and Berks Canal (Water Channel)
Seasonal Wetland	Retained Scrub
Ditches	Retained Water Body
Ecological Pond	Retained Woodland
Lagoon	Floating Solar
Floating Island	Ground-mounted solar (solar farm reversion)
Integrated Constructed Wetlands (Foul Treatment)	River Tunnel
Contours with 5m intervals	
Active travel routes, additional footpaths and non-motorised user (NMU) provision	
132KV Overhead Line Diversion	

Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

Revision	Status	Suitability	Description	Authorised	Checked	Reviewed	Approved	Date
C01	A1	Authorised and accepted		AT	DA	AC	AW	17-10-25

APFP References: N/A	Security Reference: Public	OS / Grid Reference: SU49
-------------------------	-------------------------------	------------------------------

Site Name:
N/A

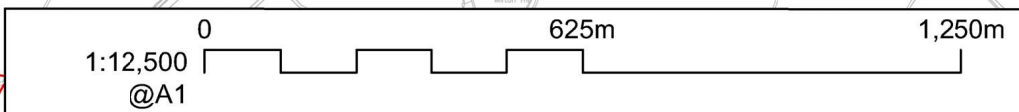
Project Name:
South East Strategic Reservoir Option

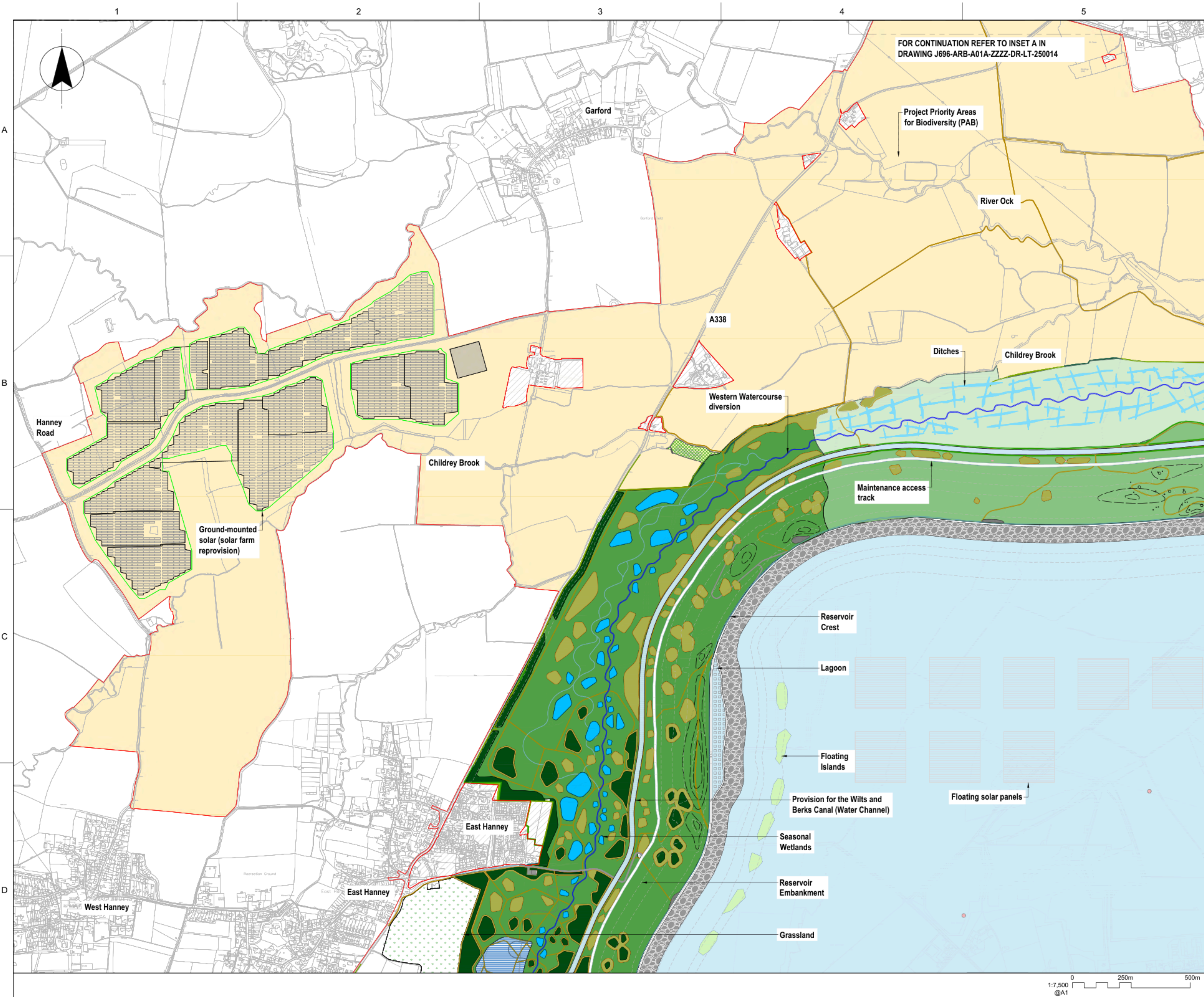
Drawing Title:
Indicative Masterplan for Consultation without labels

Scale: N/A	Sheet Size: A1	Status: A1
---------------	-------------------	---------------

Drawing Number:
J696-ARB-A01A-ZZZZ-DR-LT-250002

Revision:
C01





FOR CONTINUATION REFER TO INSET A IN
DRAWING J696-ARB-A01A-ZZZZ-DR-LT-250014

Project Priority Areas
for Biodiversity (PAB)

River Ock

Ditches

Childrey Brook

A338

Western Watercourse
diversion

Childrey Brook

Ground-mounted
solar (solar farm
reprovision)

Maintenance access
track

Reservoir
Crest

Lagoon

Floating
Islands

Provision for the Wilts and
Berks Canal (Water Channel)

Seasonal
Wetlands

Reservoir
Embankment

Grassland

East Hanney

East Hanney

West Hanney

Do not scale - if in doubt ask

Key Plan

Notes

1. All dimensions in metres unless noted otherwise.

2. 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.

3. The draft Order limits 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 SESRO project.

4. This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

5. For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.

6. *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Draft Order limits

Area omitted from draft Order limits

Neutral Grassland

Modified Grassland

Lowland Meadow

Grazing Marsh

Wet Woodland

Woodland and Copse

Scrub

Enhanced Hedgerow

Native Rich Hedgerows

Native Rich Hedgerows with Trees

Project Priority Areas for Biodiversity (PAB)

Seasonal Wetland

Ditches

Ecological Pond

Lagoon

Floating Island

Integrated Constructed Wetlands (Foul Treatment)

Contours with 5m intervals

Active travel routes, additional footpaths and non-motorised user (NNU) provision

132kV Overhead Line Diversion

Landscape Earthwork

Crest Nodes

Reservoir Water Extent

Recreational Lakes

Rip rap

Recreation and amenity related buildings

Infrastructure related buildings

Highways

Shared Use Ramps

Maintenance Access Track

Balancing Ponds

Watercourse Diversion

Provision for Wilts and Berks Canal (Water Channel)

Retained Scrub

Retained Water Body

Retained Woodland

Floating Solar

Ground-mounted solar (solar farm reprovision)

River Tunnel

Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

C01	A1	Authorised and accepted	AT	DA	AC	AW	17-10-25
Revision	Status	Subsidiary Description	Authorised	Checked	Reviewed	Approved	Date

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative Masterplan for Consultation Zoom - Sheet 01

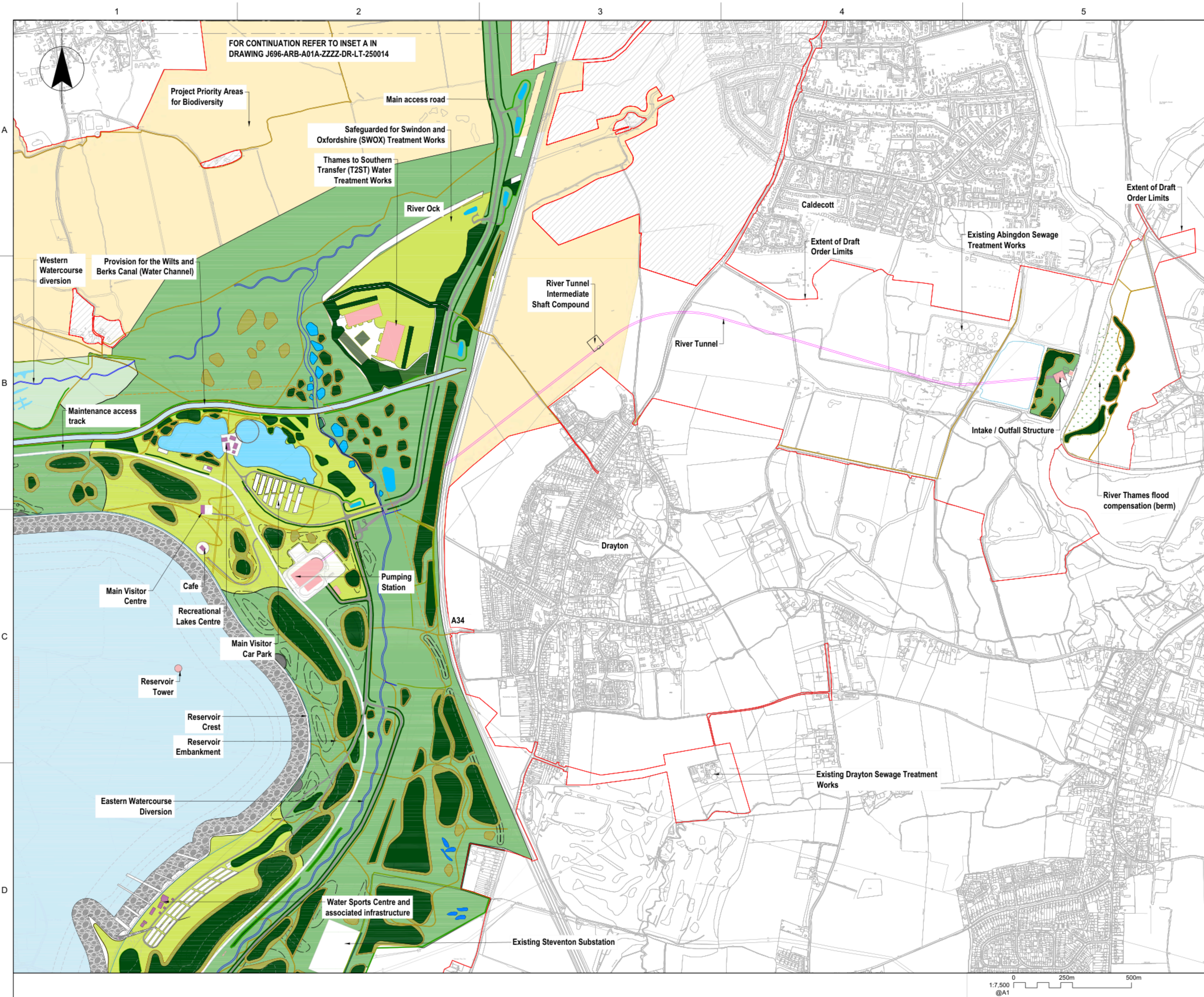
Scale: N/A

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250010

Sheet Size: A1

Status: A1

Revision: C01



Do not scale - if in doubt ask

Key Plan

Notes

Legend

Copyrights

CURRENT REVISION INFORMATION

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative Masterplan for Consultation Zoom - Sheet 02

Scale: N/A

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250011

Sheet Size: A1

Status: A1

Revision: C01

1. All dimensions in metres unless noted otherwise.

2. 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.

3. The draft Order limits 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 SESRO project.

4. This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

5. For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.

6. *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Draft Order limits

Area omitted from draft Order limits

Neutral Grassland

Modified Grassland

Lowland Meadow

Grazing Marsh

Wet Woodland

Woodland and Copse

Scrub

Enhanced Hedgerow

Native Rich Hedgerows

Native Rich Hedgerows with Trees

Project Priority Areas for Biodiversity (PAB)

Seasonal Wetland

Ditches

Ecological Pond

Lagoon

Floating Island

Integrated Constructed Wetlands (Foul Treatment)

Contours with 5m intervals

Active travel routes, additional footpaths and non-motorised user (NMU) provision

132kV Overhead Line Diversion

Landscape Earthwork

Crest Nodes

Reservoir Water Extent

Recreational Lakes

Riprap

Recreation and amenity related buildings

Infrastructure related buildings

Highways

Shared Use Ramps

Maintenance Access Track

Balancing Ponds

Watercourse Diversion

Provision for Wilts and Berks Canal (Water Channel)

Retained Scrub

Retained Water Body

Retained Woodland

Floating Solar

Ground-mounted solar (solar farm reversion)

River Tunnel

C01

A1

Authorised and accepted

AT

DA

AC

AW

17-10-25

Revision

Status

Subsidiary

Description

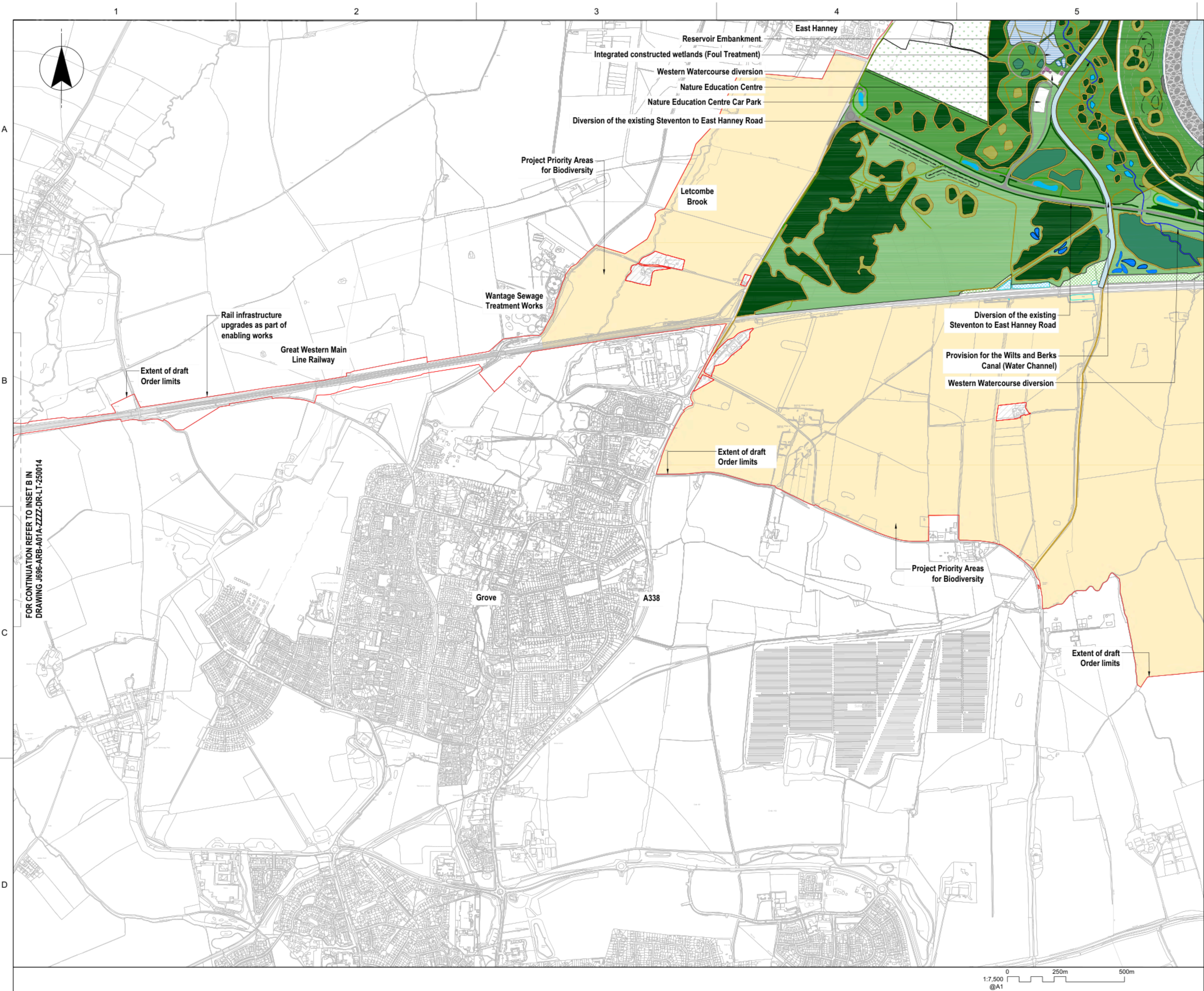
Authorised

Checked

Reviewed

Approved

Date



Do not scale - if in doubt ask

Key Plan

Notes

Legend

Copyrights

CURRENT REVISION INFORMATION

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative Masterplan for Consultation Zoom - Sheet 03

Scale: N/A

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250012

Sheet Size: A1

Status: A1

Revision: C01

1. All dimensions in metres unless noted otherwise.

2. 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.

3. The draft Order limits 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 SESRO project.

4. This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

5. For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.

6. *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Draft Order limits

Area omitted from draft Order limits

Neutral Grassland

Modified Grassland

Lowland Meadow

Grazing Marsh

Wet Woodland

Woodland and Copse

Scrub

Enhanced Hedgerow

Native Rich Hedgerows

Native Rich Hedgerows with Trees

Project Priority Areas for Biodiversity (PAB)

Seasonal Wetland

Ditches

Ecological Pond

Lagoon

Floating Island

Integrated Constructed Wetlands (Foul Treatment)

Contours with 5m intervals

Active travel routes, additional footpaths and non-motorised user (NNU) provision

132kV Overhead Line Diversion

Landscape Earthwork

Crest Nodes

Reservoir Water Extent

Recreational Lakes

Rip rap

Recreation and amenity related buildings

Infrastructure related buildings

Highways

Shared Use Ramps

Maintenance Access

Track

Balancing Ponds

Watercourse Diversion

Provision for Wilts and Berks Canal (Water Channel)

Retained Scrub

Retained Water Body

Retained Woodland

Floating Solar

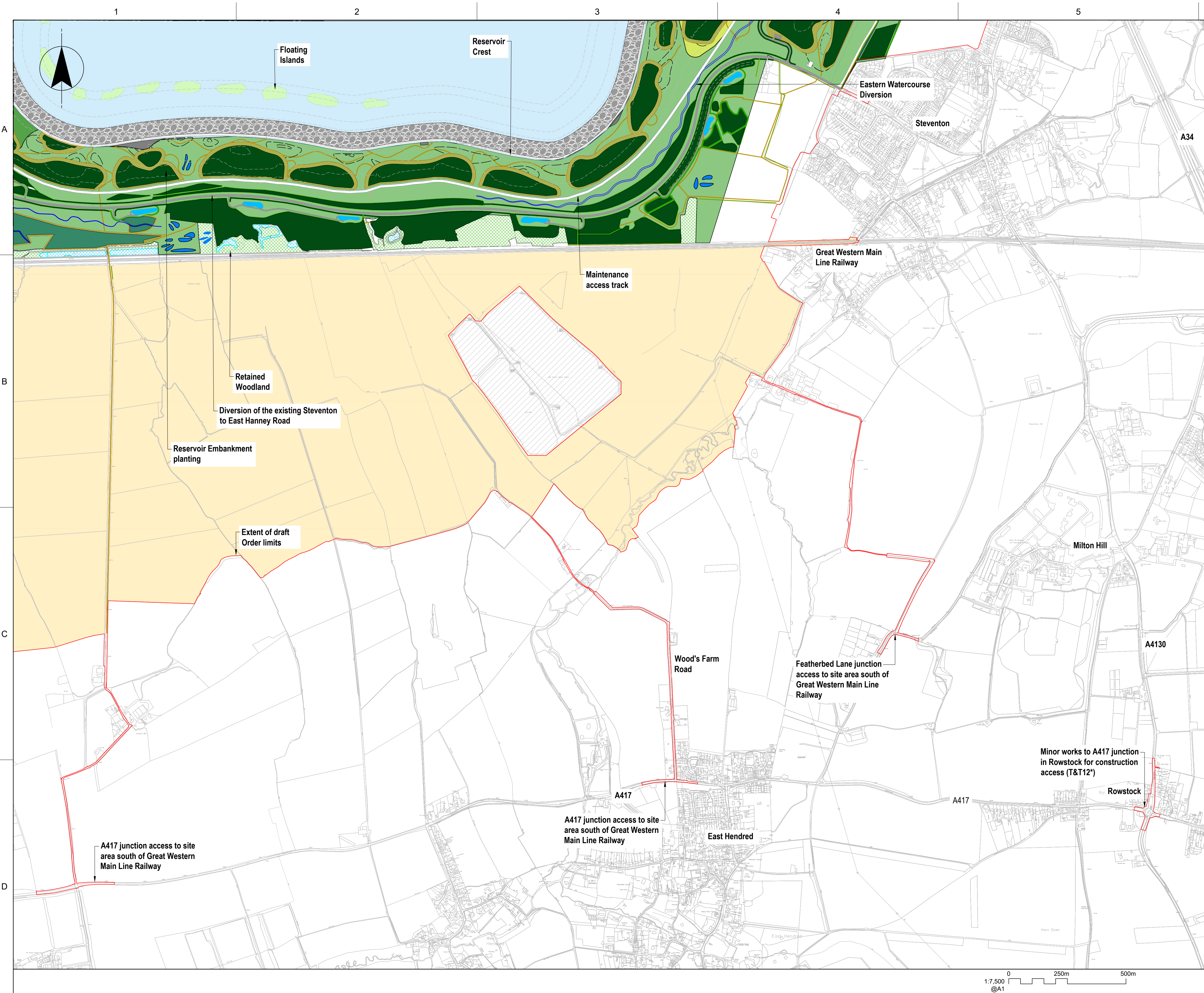
Ground-mounted solar (solar farm reversion)

River Tunnel

FOR CONTINUATION REFER TO INSET B IN DRAWING J696-ARB-A01A-ZZZZ-DR-LT-250014

0 250m 500m

1:7,500 @A1



Do not scale - if in doubt ask

Key Plan

Notes

Legend

Copyrights

CURRENT REVISION INFORMATION

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative Masterplan for Consultation Zoom - Sheet 04

Scale: N/A

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250013

Sheet Size: A1

Status: A1

Revision: C01

1. All dimensions in metres unless noted otherwise.

2. 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.

3. The draft Order limits 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 SESRO project.

4. This plan shows our indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.

5. For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.

6. *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Draft Order limits

Area omitted from draft Order limits

Neutral Grassland

Modified Grassland

Lowland Meadow

Grazing Marsh

Wet Woodland

Woodland and Copse

Scrub

Enhanced Hedgerow

Native Rich Hedgerows

Native Rich Hedgerows with Trees

Project Priority Areas for Biodiversity (PAB)

Seasonal Wetland

Ditches

Ecological Pond

Lagoon

Floating Island

Integrated Constructed Wetlands (Foul Treatment)

Contours with 5m intervals

Active travel routes, additional footpaths and non-motorised user (NMU) provision

132kV Overhead Line Diversion

Landscape Earthwork

Crest Nodes

Reservoir Water Extent

Recreational Lakes

Rip rap

Recreation and amenity related buildings

Infrastructure related buildings

Highways

Shared Use Ramps

Maintenance Access Track

Balancing Ponds

Watercourse Diversion

Provision for Wilts and Berks Canal (Water Channel)

Retained Scrub

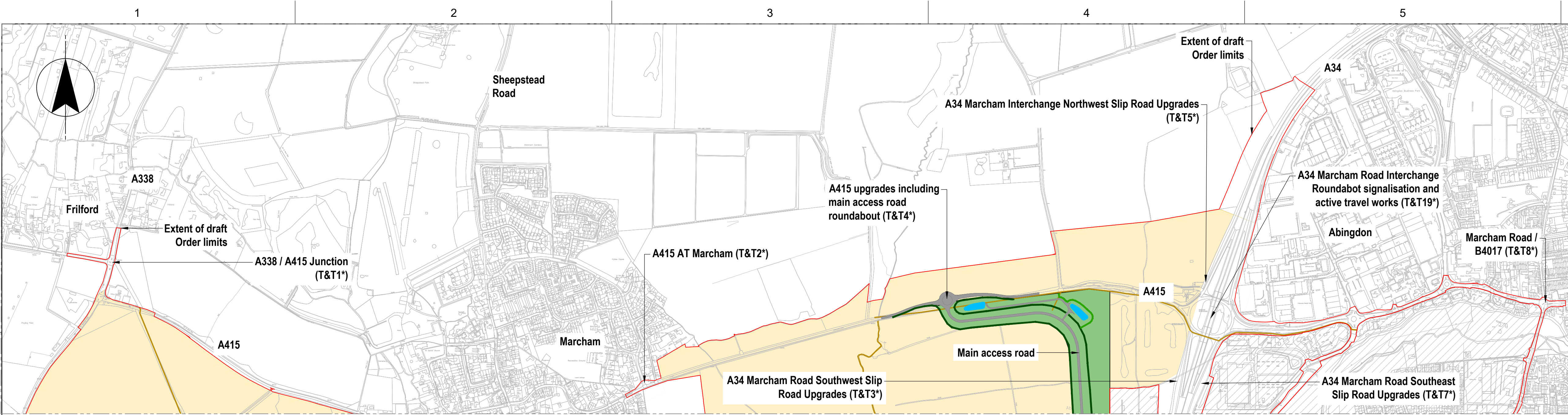
Retained Water Body

Retained Woodland

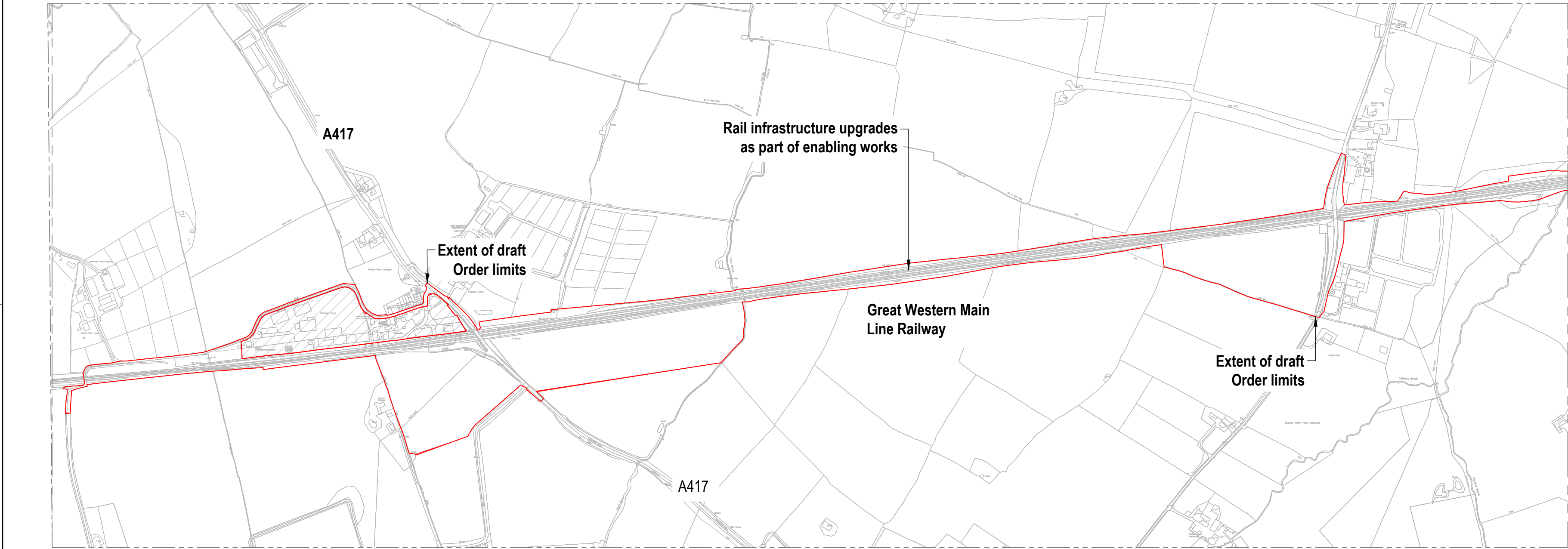
Floating Solar

Ground-mounted solar (solar farm reversion)

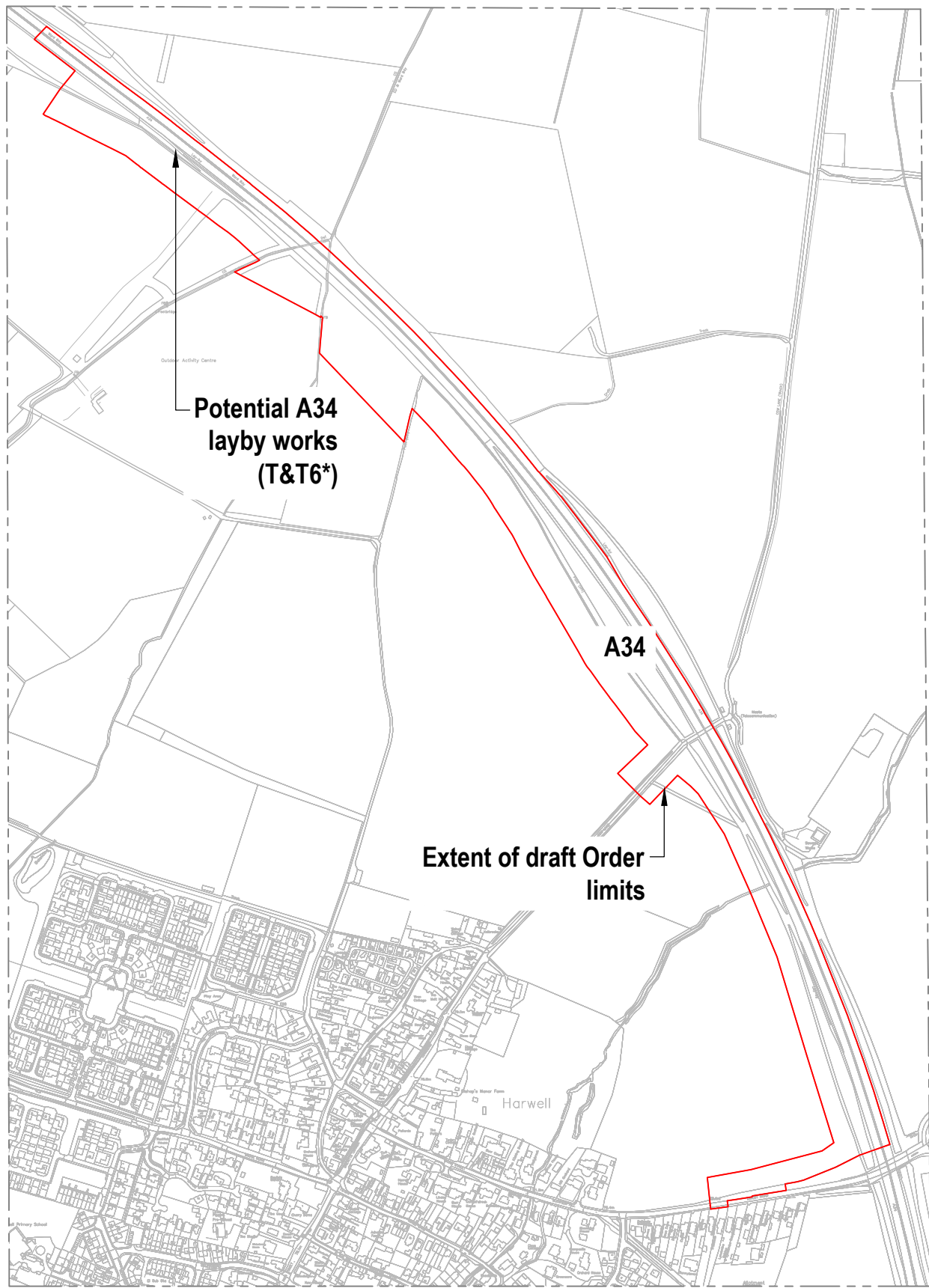
River Tunnel



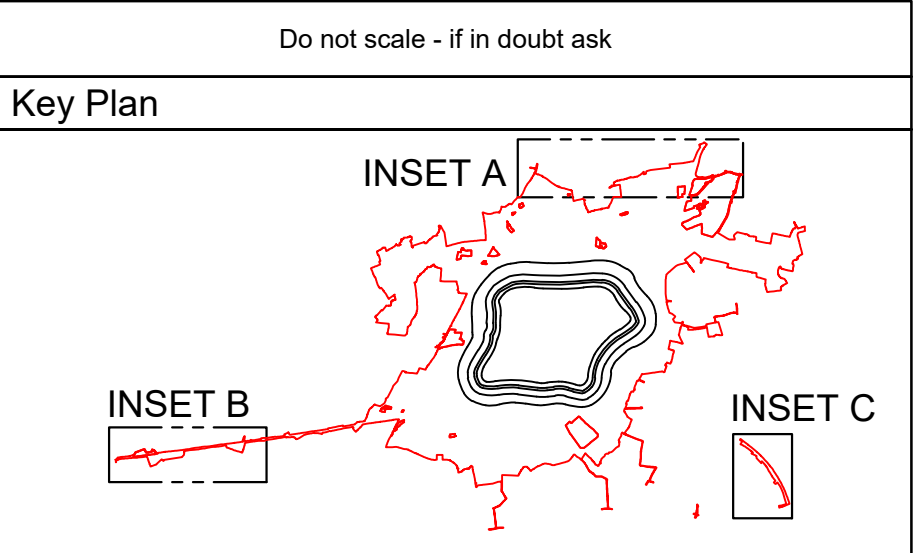
INSET A



INSET B



INSET C



- Notes**
- All dimensions in metres unless noted otherwise.
 - 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.
 - The draft Order limits 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 SESRO project.
 - This plan shows the indicative masterplan, which shows one way in which we could lay out the permanent features of the Project. The indicative masterplan is subject to further refinement as we undertake further investigations and assessments and consider feedback received during this statutory consultation. In addition, it is important to note that the final layout of the permanent features of the Project will be confirmed during the detailed design process carried out in accordance with the terms of the development consent order that gives consent for the Project, if approved.
 - For details on the indicative location of ancillary infrastructure for T2ST Water Treatment Works, ancillary infrastructure for Farmoor Transfer and the safeguarded space for the STT Pipeline refer to the Preliminary Environmental Information Report Figure 2.1: Project Overview.
 - *These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Legend	
	Draft Order limits
	Area omitted from draft Order limits
	Neutral Grassland
	Modified Grassland
	Lowland Meadow
	Grazing Marsh
	Wet Woodland
	Woodland and Copse
	Scrub
	Enhanced Hedgerow
	Native Rich Hedgerows
	Native Rich Hedgerows with Trees
	Project Priority Areas for Biodiversity (PAB) Seasonal Wetland
	Ditches
	Ecological Pond
	Lagoon
	Floating Island
	Integrated Constructed Wetlands (Foul Treatment)
	Contours with 5m intervals
	Active travel routes, additional footpaths and non-motorised user (NMU) provision
	132kV Overhead Line Diversion
	Landscape Earthwork
	Crest Nodes
	Reservoir Water Extent
	Recreational Lakes
	Rip rap
	Recreation and amenity related buildings
	Infrastructure related buildings
	Highways
	Shared Use Ramps
	Maintenance Access Track
	Balancing Ponds
	Watercourse Diversion
	Provision for Wilts and Berks Canal (Water Channel)
	Retained Scrub
	Retained Water Body
	Retained Woodland
	Floating Solar
	Ground-mounted solar (solar farm reversion)
	River Tunnel

Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

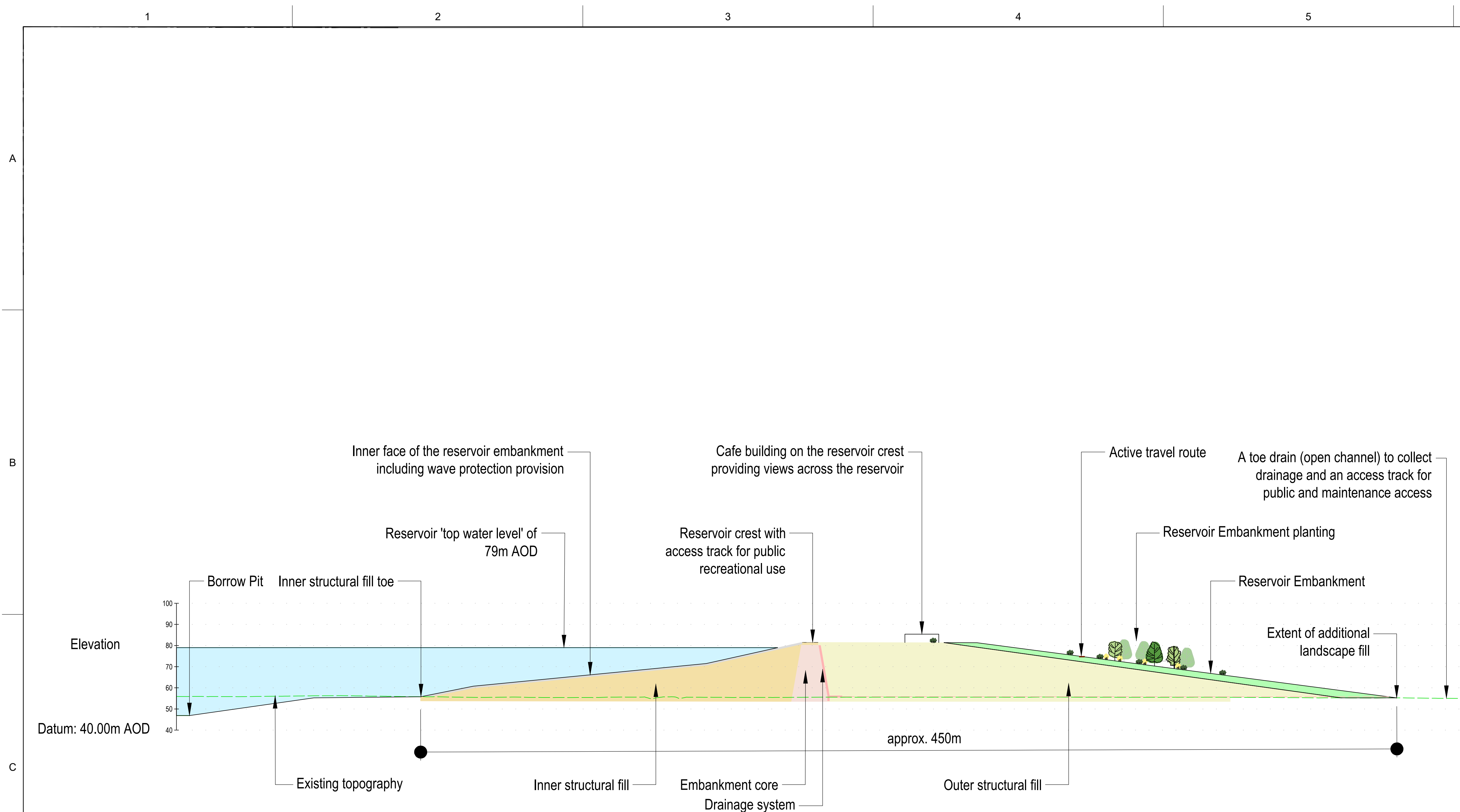
CURRENT REVISION INFORMATION
Authorised and accepted for consultation

Revision	Status	Submittal	Description	Authorised	Checked	Reviewed	Approved	Date
C01	A1	Authorised and accepted		AT	DA	AC	AW	17-10-25

APFP References: N/A	Security Reference: Public	OS / Grid Reference: SU49
Site Name: N/A		
Project Name: South East Strategic Reservoir Option		
Drawing Title: Indicative Masterplan for Consultation Zoom - Sheet 05		
Scale: N/A	Sheet Size: A1	Status: A1
Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250014		Revision: C01

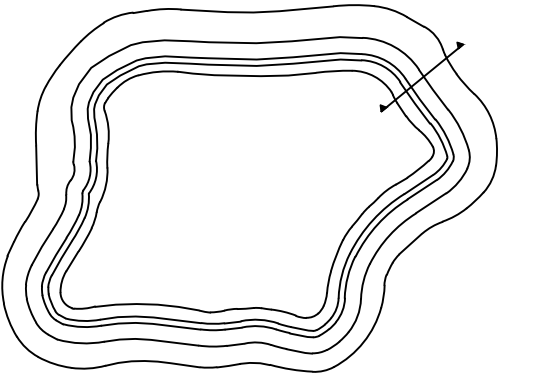
Indicative River Tunnel Plan and Section





Do not scale - if in doubt ask

Key Plan



Legend

- 

Notes

1. All dimensions in metres unless noted otherwise.
2. All levels in metres relative to Ordnance Datum Newlyn.
3. The indicative design for (and locations of) the reservoir embankment, associated structures, landscaping (including planting species selection and spacing) and other features shown on this plan is subject to further refinement as we undertake further work through ongoing investigations and assessments and through consideration of responses to our statutory consultation process.
4. Reservoir Embankment - The embankment associated structures and landscaping would be designed to national and international guidance documents, standards and best practice, in compliance with the Reservoirs Act 1975 (the Reservoirs Act).
5. Refer to section 2.5 of PEIR Chapter 2 - Project Description (Document reference: J696-ARB-XXXX-XXXX-RP-EN-000010) for further information on the reservoir and associated infrastructure.
6. The gradient of the outer face of the reservoir embankment will typically be 1:9 but would vary between 1:3 and 1:10 as the slope undulates from the crest to the toe to provide a more natural appearance to the slope.

References

Copyrights

Based on the Ordnance Survey Map with the Sanction of the
Controller of H.M. Stationary Office License Number - 100019345.
Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

[illegible]

APFP References:
N/A

Site Name
N/A

Security Reference:
Public

S / Grid Reference:
U49

Project Name:

South East Strategic Reservoir Option

Drawing Title:

Indicative Reservoir Embankment
Section - Section 1 of 5 -
Northeast

Scale:

N/A

Sheet Size:

A1

US:

1

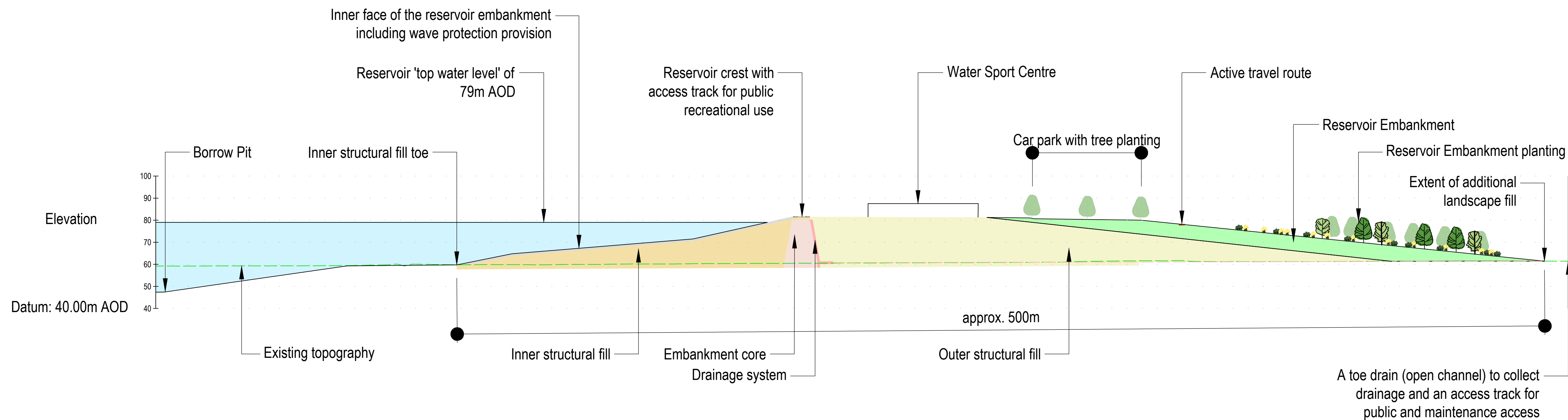
Drawing Number:
1606 ABB

J696-ARB-A01A-ZZZZ-DR-LI-250026

01

01

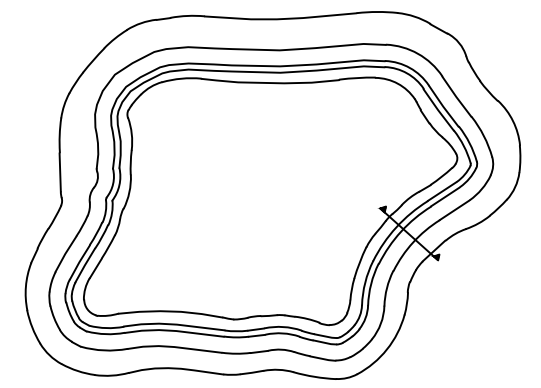
Not to scale



Not to scale

Do not scale - if in doubt ask

Key Plan



Legend

	Wave protection
	Drainage system
	Inner structural fill
	Embankment core
	Outer structural fill
	Landscape fill
	Existing topography

Notes

1. All dimensions in metres unless noted otherwise.
2. All levels in metres relative to Ordnance Datum Newlyn.
3. The indicative design for (and locations of) the reservoir embankment, associated structures, landscaping (including planting species selection and spacing) and other features shown on this plan is subject to further refinement as we undertake further work through ongoing investigations and assessments and through consideration of responses to our statutory consultation process.
4. Reservoir Embankment - The embankment associated structures and landscaping would be designed to national and international guidance documents, standards and best practice, in compliance with the Reservoirs Act 1975 (the Reservoirs Act).
5. Refer to section 2.5 of PEIR Chapter 2 - Project Description [Document reference: J69B-AR-XXXX-XXXX-RP-EN-000010] for further information on the reservoir and associated infrastructure.
6. The gradient of the outer face of the reservoir embankment will typically be 1:9 but would vary between 1:3 and 1:10 as the slope undulates from the crest to the toe to provide a more natural appearance to the slope.

References

Copyrights

Based on the Ordnance Survey Map with the Sanction of the
Controller of H.M. Stationary Office License Number - 100019345.
Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

C01	A1	Authorised and accepted				PR	DA	MC	AW	17-10-29	
<i>Revision</i>	<i>Status</i>	<i>Substudy Description</i>				<i>Authorised</i>	<i>Cleared</i>	<i>Reviewed</i>	<i>Approved</i>	<i>Date</i>	



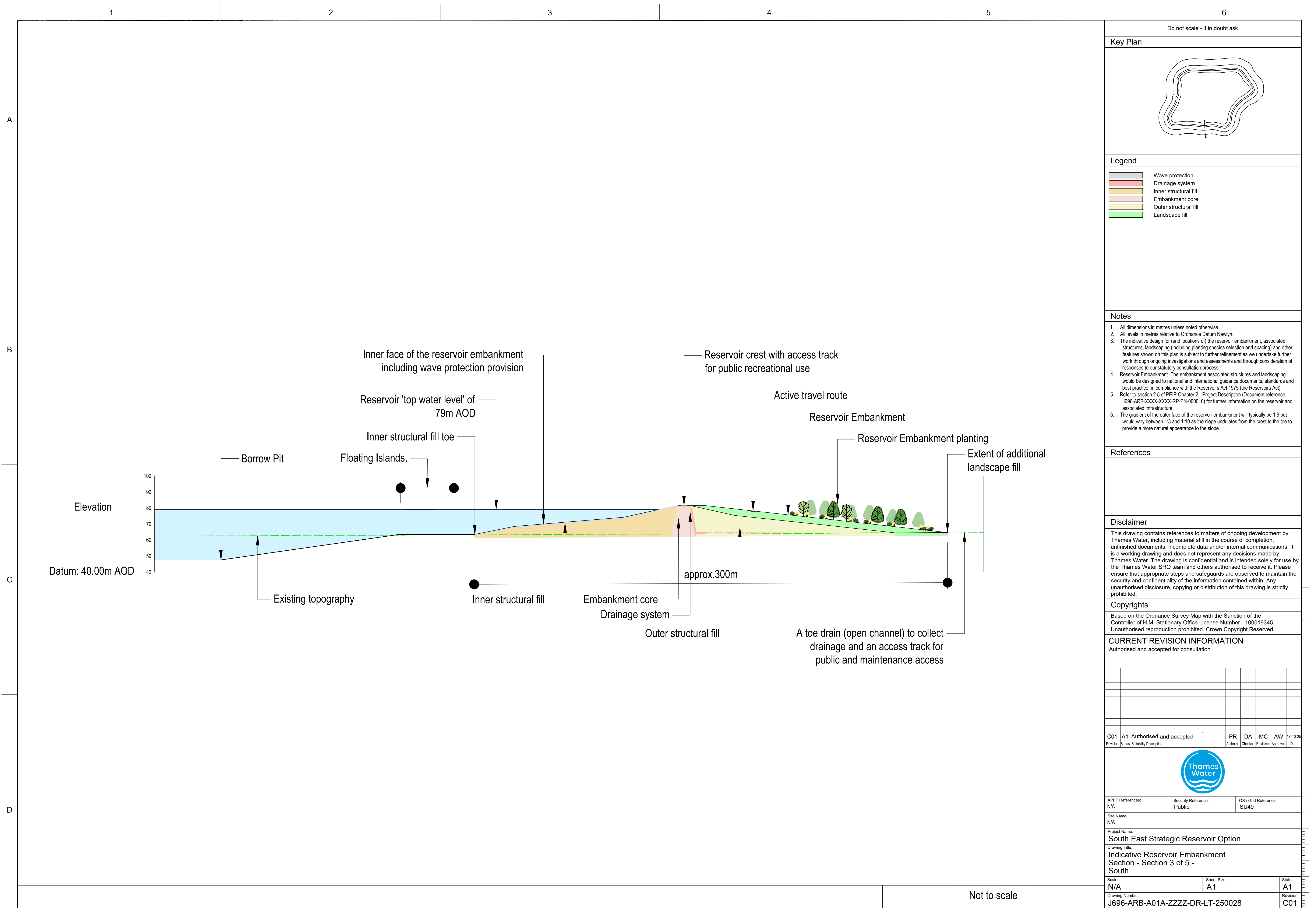
APFP References: N/A	Security Reference: Public	OS / Grid Reference: SU49
-------------------------	-------------------------------	------------------------------

Site Name:
N/A

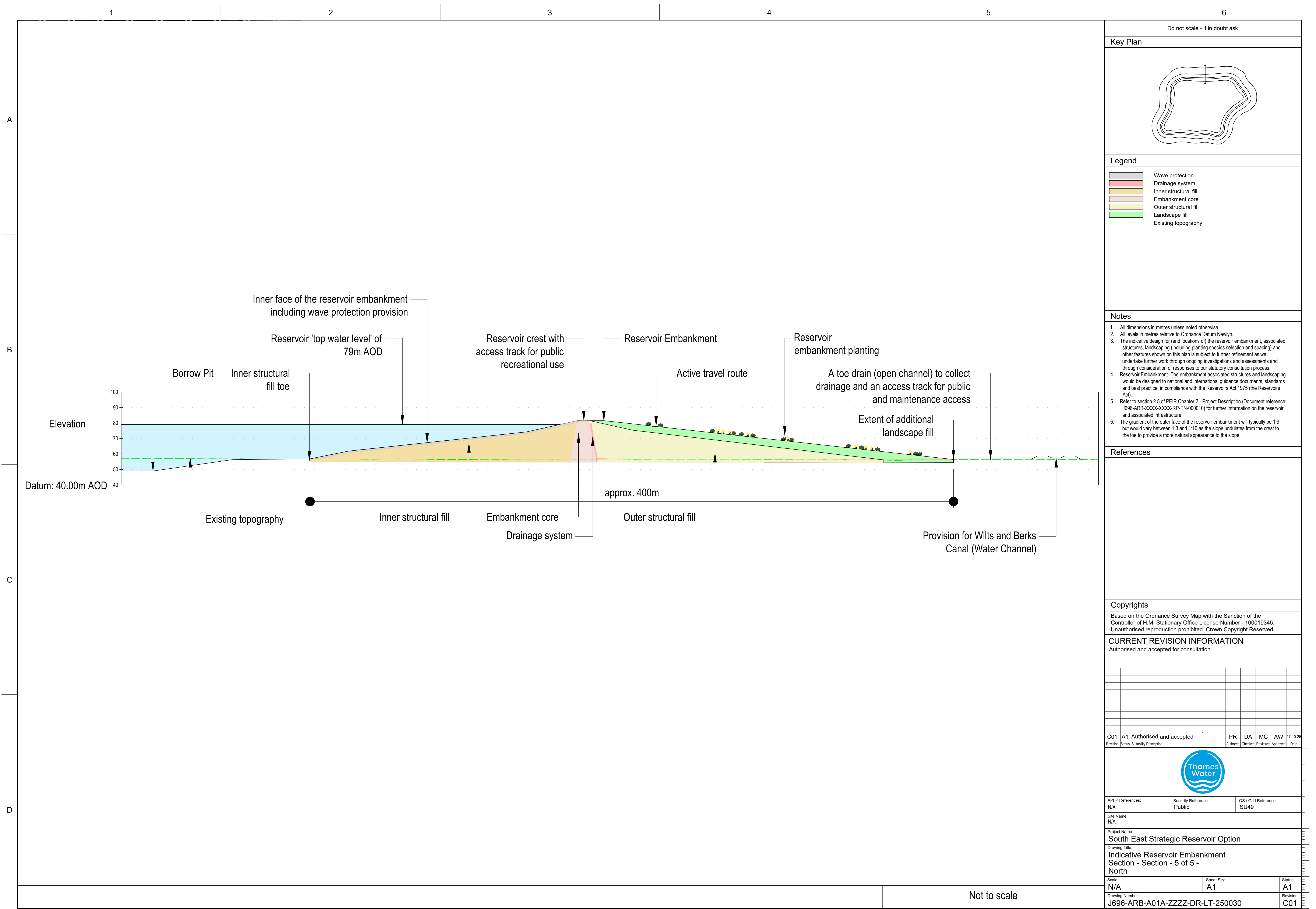
Project Name: **South East Strategic Reservoir Option**

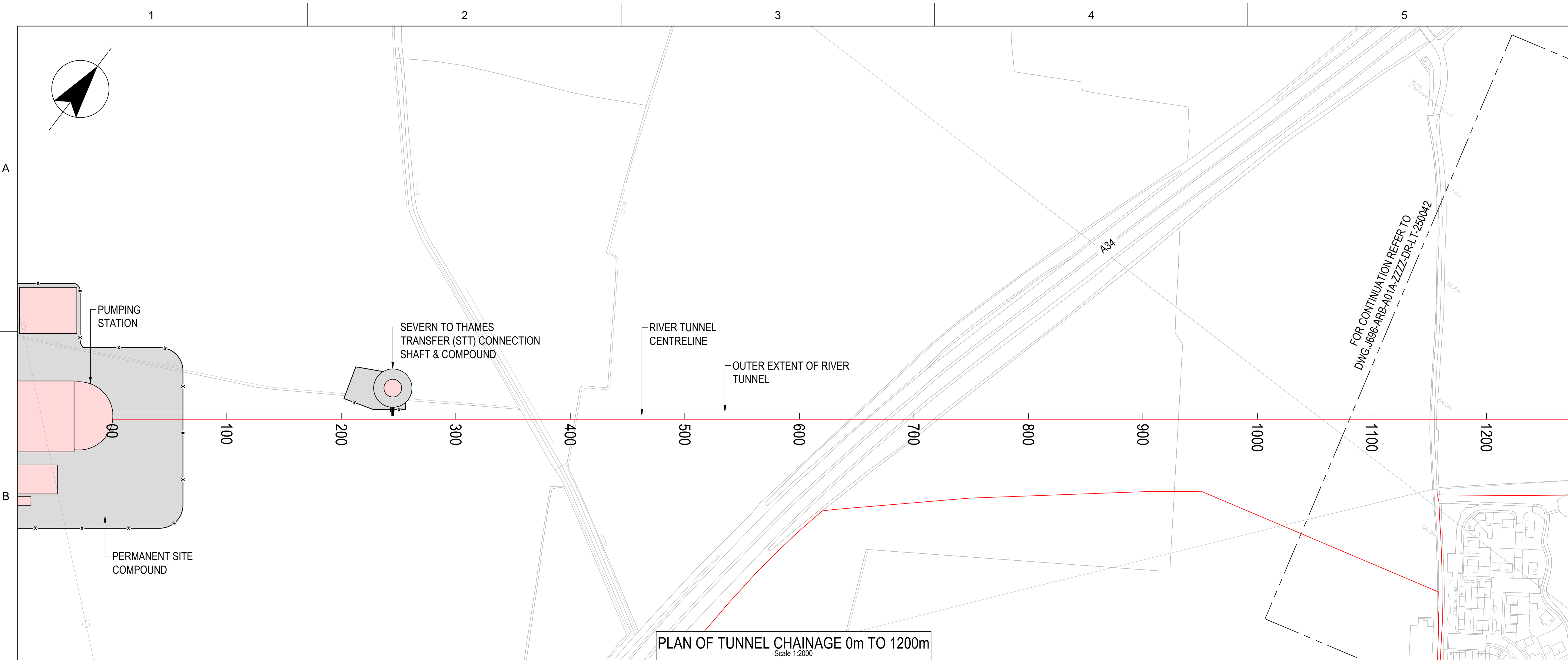
Drawing Title:
Indicative Reservoir Embankment
Section - Section 2 of 5 -
East

East		
Scale: N/A	Sheet Size: A1	Status: A1
Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250027		Revision: C01



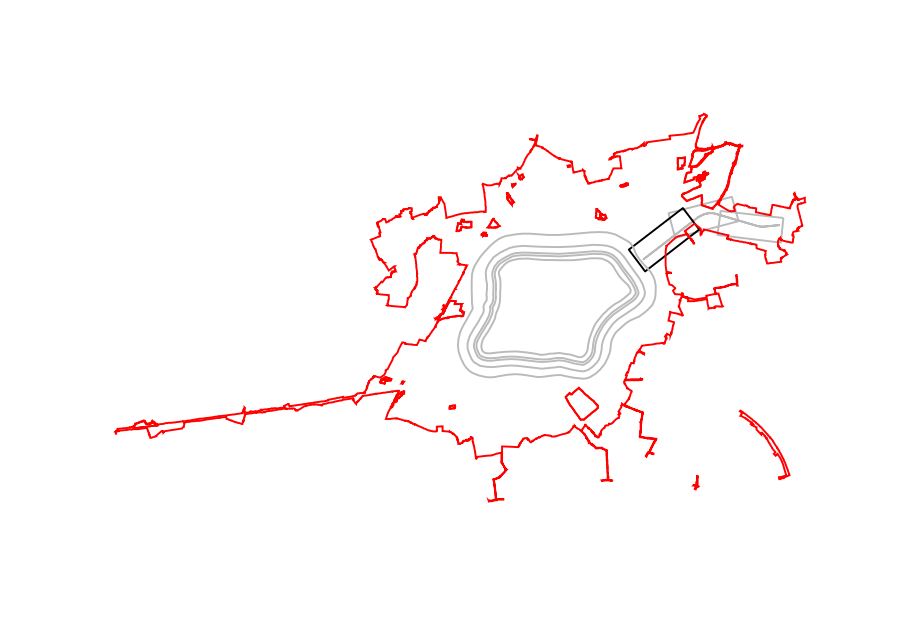






Do not scale - if in doubt ask

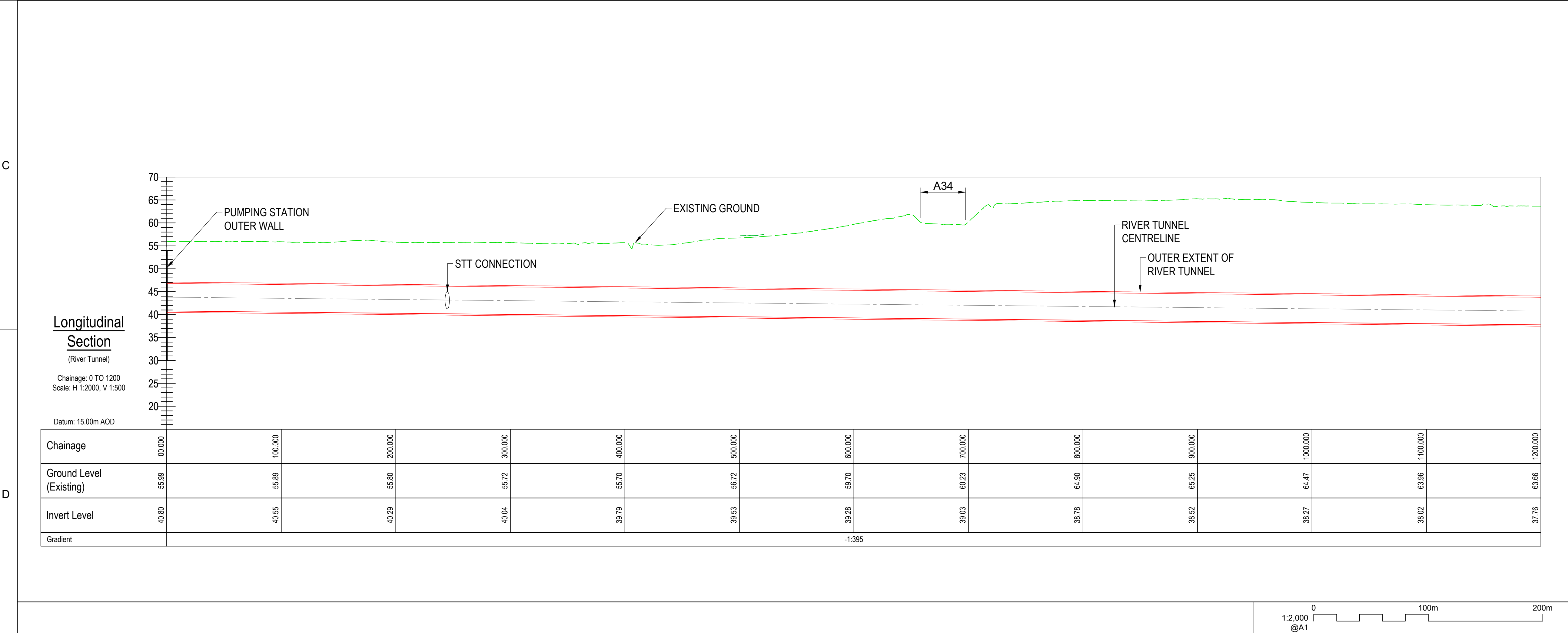
Key Plan



- Legend
- EXISTING GROUND LEVEL (EGL)
 - RIVER TUNNEL
 - DRAFT ORDER LIMITS
 - INFRASTRUCTURE RELATED BUILDINGS / SHAFT

- Notes
- All dimensions in metres unless noted otherwise.
 - All levels in metres relative to Ordnance Datum Newlyn.
 - 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.
 - The draft Order limits 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 SESRO project.
 - Plan shows scheme proposals for Pumping Station, River Tunnel, Shafts and Intake Outfall Structure only.
 - The centreline (both vertical and horizontal) of the river tunnel, together with the outer extent of the river tunnel, shown is indicative at this stage and subject to further refinement as we consider and undertake further investigations and assessments and consider feedback received during this statutory consultation. This also applies to the location of any permanent above ground infrastructure shown.

- References
- J696-ARB-XXXX-XXXX-DR-LT-250042 - River Tunnel Plan & Longsection Sheet 2 of 3
 - J696-ARB-XXXX-XXXX-DR-LT-250043 - River Tunnel Plan & Longsection Sheet 3 of 3



Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

C01	A1	Authorised and accepted	AT	DA	MC	AW	17-10-25
Revision	Status	Subsidiary Description	Authorised	Checked	Reviewed	Approved	Date

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative River Tunnel Plan and Section Sheet 1 of 3

Scale: N/A

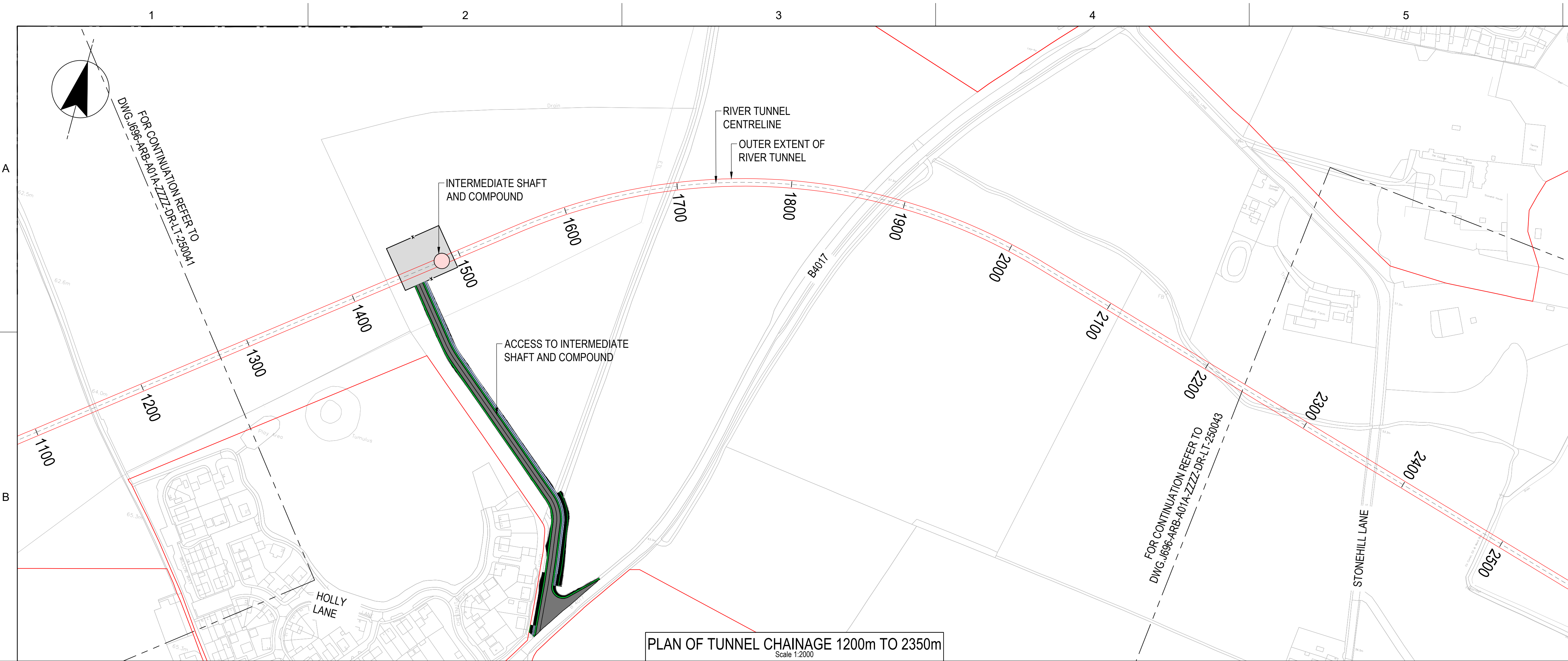
Sheet Size: A1

Status: A1

Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250041

Revision: C01

©Thames Water Utilities Ltd 2024



Do not scale - if in doubt ask

Key Plan

Legend

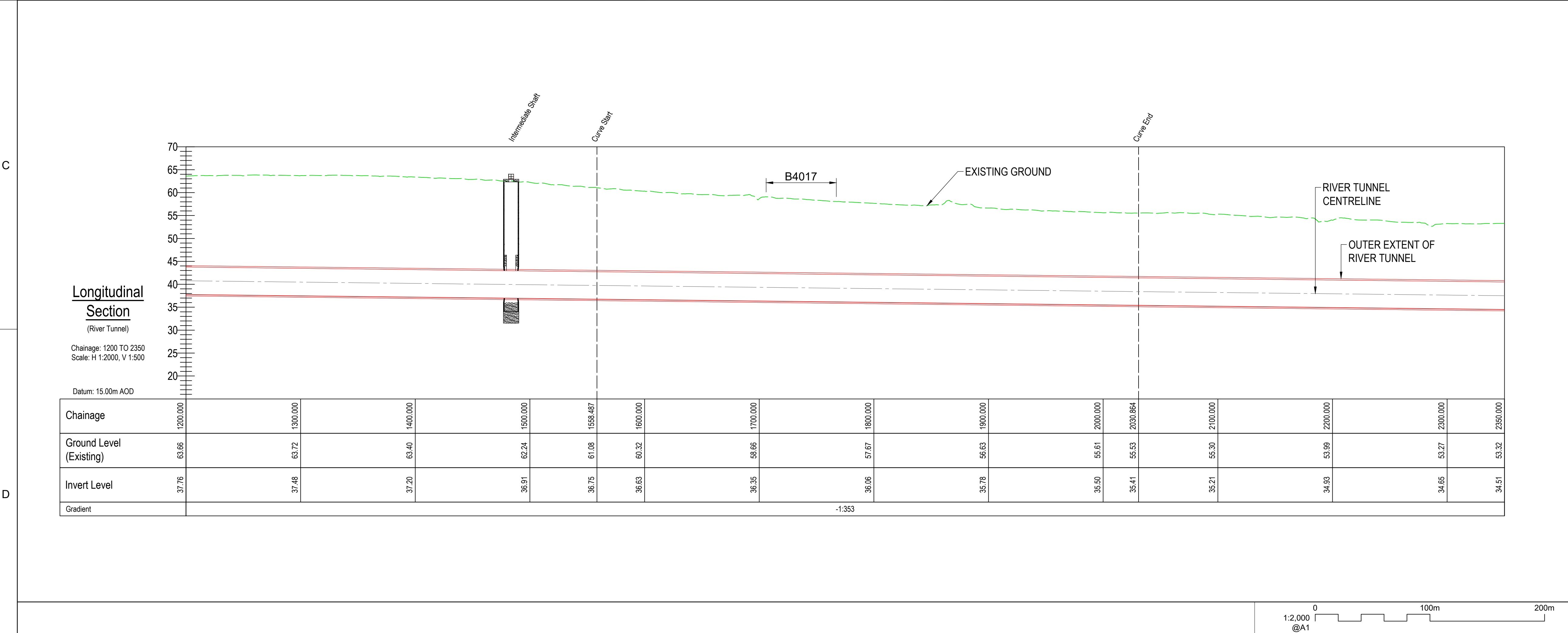
- EXISTING GROUND LEVEL (EGL)
- RIVER TUNNEL
- DRAFT ORDER LIMITS
- HIGHWAY ACCESS
- INFRASTRUCTURE RELATED BUILDINGS / SHAFT

Notes

- All dimensions in metres unless noted otherwise.
- All levels in metres relative to Ordnance Datum Newlyn.
- 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.
- The draft Order limits 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 SESRO project.
- Plan shows scheme proposals for Pumping Station, River Tunnel, Shafts and Intake Outfall Structure only.
- The centreline (both vertical and horizontal) of the river tunnel, together with the outer extent of the river tunnel, shown is indicative at this stage and subject to further refinement as we consider and undertake further investigations and assessments and consider feedback received during this statutory consultation. This also applies to the location of any permanent above ground infrastructure shown.

References

J696-ARB-XXXX-XXXX-DR-LT-250041	-	River Tunnel Plan & Longsection Sheet 1 of 3
J696-ARB-XXXX-XXXX-DR-LT-250043	-	River Tunnel Plan & Longsection Sheet 3 of 3



Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

Revision	Status	Subsidiary Description	Authorised	Checked	Reviewed	Approved	Date
C01	A1	Authorised and accepted	AT	DA	MC	AW	17-10-25

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative River Tunnel Plan and Section Sheet 2 of 3

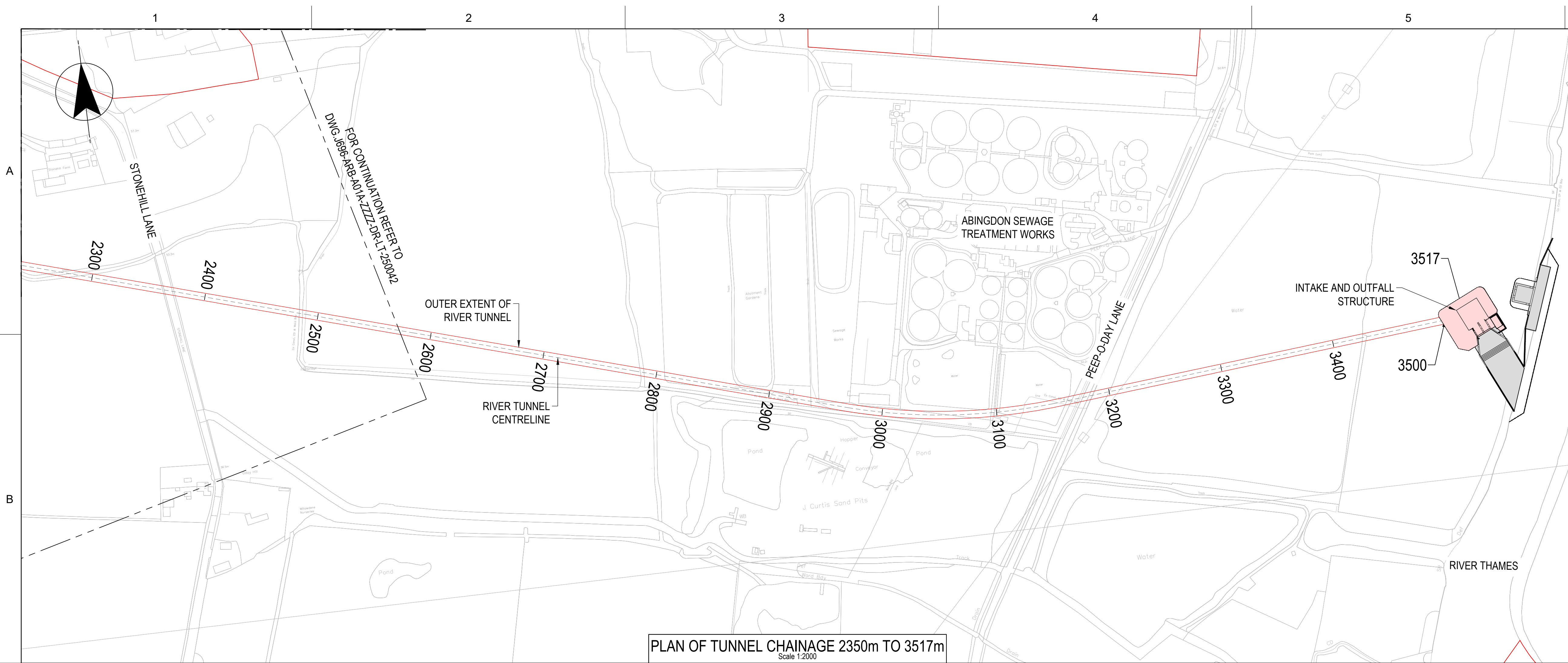
Scale: N/A

Sheet Size: A1

Status: A1

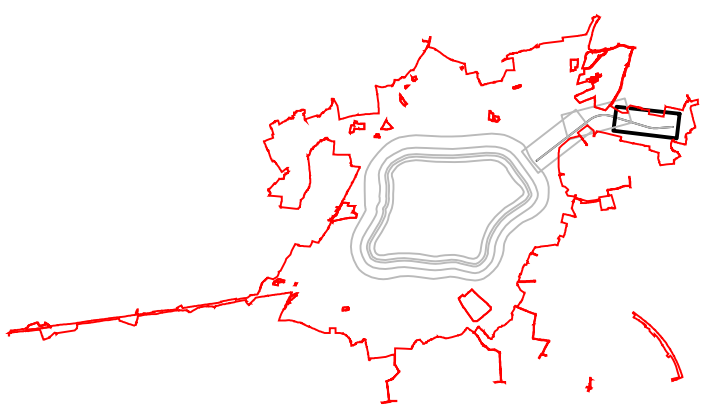
Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250042

Revision: C01



Do not scale - if in doubt ask

Key Plan



Legend

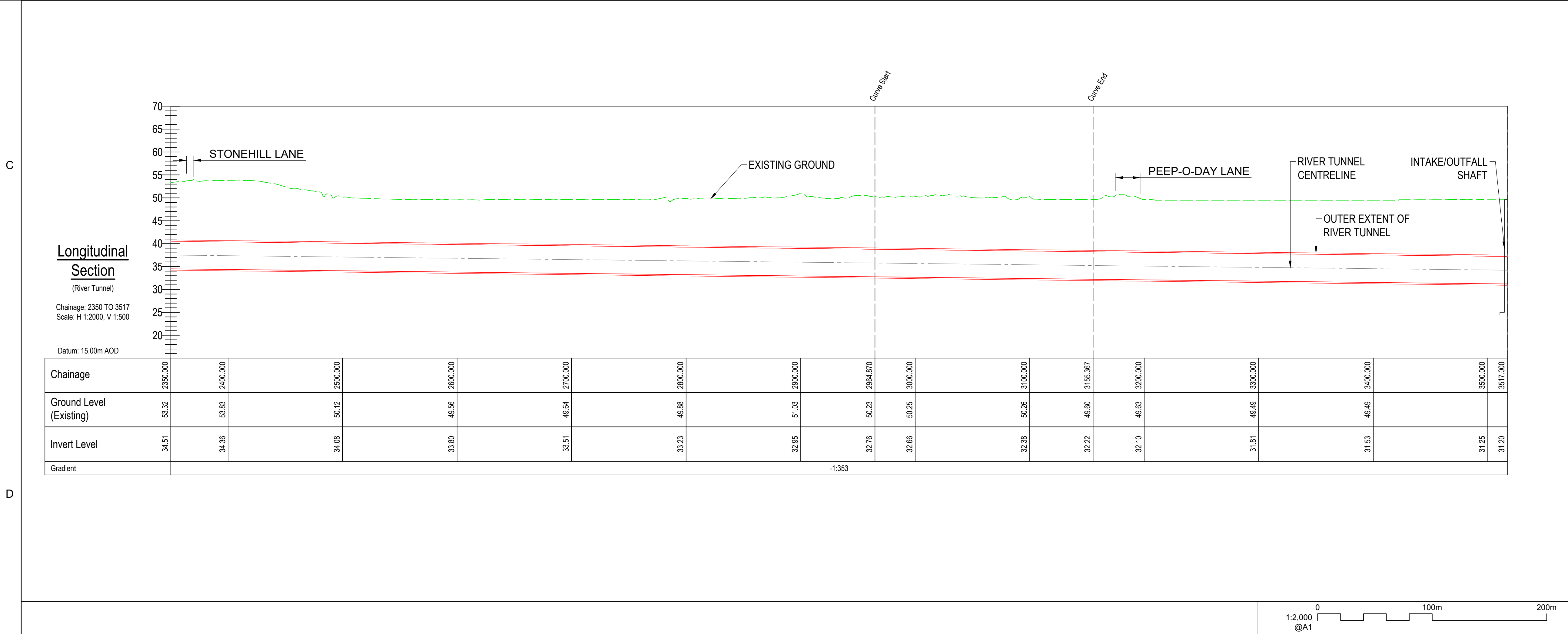
- EXISTING GROUND LEVEL (EGL)
- RIVER TUNNEL
- DRAFT ORDER LIMITS
- INFRASTRUCTURE RELATED BUILDINGS / SHAFT

Notes

- All dimensions in metres unless noted otherwise.
- All levels in metres relative to Ordnance Datum Newlyn.
- 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.
- The draft Order limits 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 SESRO project.
- Plan shows scheme proposals for Pumping Station, River Tunnel, Shafts and Intake Outfall Structure only.
- The centreline (both vertical and horizontal) of the river tunnel, together with the outer extent of the river tunnel, shown is indicative at this stage and subject to further refinement as we consider and undertake further investigations and assessments and consider feedback received during this statutory consultation. This also applies to the location of any permanent above ground infrastructure shown.

References

J696-ARB-XXXX-XXXX-DR-LT-250041	-	River Tunnel Plan & Longsection Sheet 1 of 3
J696-ARB-XXXX-XXXX-DR-LT-250042	-	River Tunnel Plan & Longsection Sheet 2 of 3



Copyrights

Based on the Ordnance Survey Map with the Sanction of the Controller of H.M. Stationary Office License Number - 100019345. Unauthorised reproduction prohibited. Crown Copyright Reserved.

CURRENT REVISION INFORMATION

Authorised and accepted for consultation

Revision	Status	Submittal Description	Authorised	Checked	Reviewed	Approved	Date
C01	A1	Authorised and accepted					

Thames Water

APFP References: N/A

Security Reference: Public

OS / Grid Reference: SU49

Site Name: N/A

Project Name: South East Strategic Reservoir Option

Drawing Title: Indicative River Tunnel Plan and Section Sheet 3 of 3

Scale: N/A

Sheet Size: A1

Status: A1

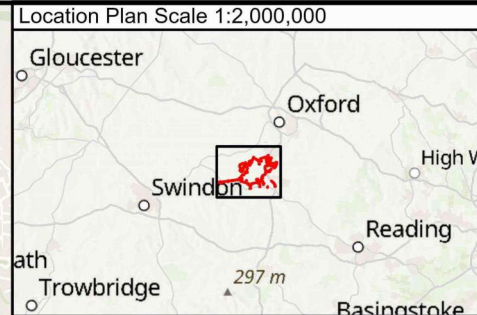
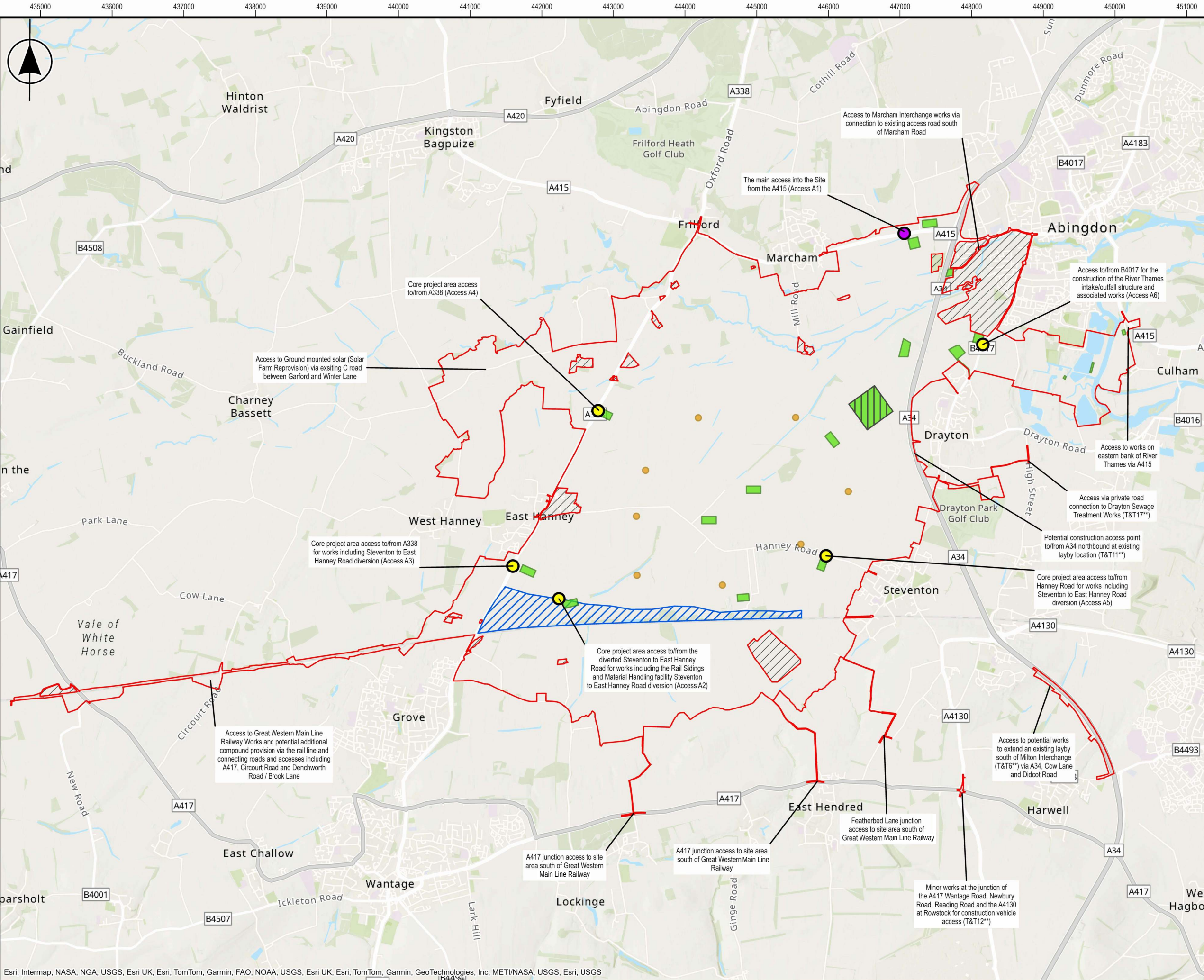
Drawing Number: J696-ARB-A01A-ZZZZ-DR-LT-250043

Revision: C01

©Thames Water Utilities Ltd 2024

Construction Elements Plan





- Legend**
- Draft Order limits
 - Areas omitted from draft Order limits
 - Main access point to construction site
 - Construction site access points to core project area and Intake and Outfall Structure*
 - Rail siding and materials handling facility
 - Main compound
 - Compounds
 - Welfare/satellite compounds

Notes:

- 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.
- The draft Order limits 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 SESRO project.
- The indicative access points, compound locations and rail siding and materials handling facility are subject to change as we undertake further refinement through ongoing design and through consideration of responses to our statutory consultation process.
- In addition to access points A1-A6, other access points will be required (for example to facilitate secondary construction works and/or to ensure permanent access for maintenance of biodiversity areas). These access points continue to be investigated but some of the potential locations of these are shown indicatively on this plan. They are subject to change as we continue to refine our proposals, including having regard to any feedback from this statutory consultation.

*These construction access points are described in the Preliminary Environmental Impact Report (PEIR) Chapter 2 in paragraph 2.6.20.
**These traffic and transport (T&T) highways improvements are described in the Preliminary Environmental Information Report Chapter 2 in Section 2.5.

Copyrights OS / Grid Reference: N/A
© Crown copyright and database rights 2025. All rights reserved.
OS License Number AC0000849556.
Unauthorised reproduction prohibited.

C01	JC	DA	AC	AW	20/10/25
Revision	Author	Checked	Reviewed	Approved	Date
Status: A1 - AUTHORISED AND ACCEPTED FOR CONSULTATION					



APFP References: N/A **Security Reference:** Public

Site Name: South East Strategic Reservoir Option

Project Name: J696 South East Strategic Reservoir Option (SESRO)

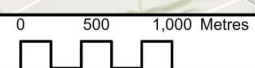
Drawing Title: Construction Elements Plan For Consultation

Scale: 1:50,000 **Sheet Size:** A3 **Status:** A1

Drawing Number: J696-ARB-XXXX-ZZZZ-DR-CG-250050 **Rev:** C01

Esri, Intermap, NASA, NGA, USGS, Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, USGS

1:50,000 @A3 - DO NOT SCALE



© Thames Water Utilities Ltd 2025



Working with

AffinityWater
Taking care of your water



from
Southern
Water.

This document has been produced to support the 2025 statutory consultation on the proposed new reservoir. 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.