

PRELIMINARY MAPS, PLANS AND DRAWINGS

October 2015

This package of engineering drawings displays the physical elements of the Scheme. It includes a location map, plans showing the proposed works and how these tie-in to the existing highway network, an outline of the land required for the safe construction and operation of the Scheme and a series of engineering cross-sections through the tunnels and tunnel approach roads.

SILVERTOWN TUNNEL

SUPPORTING TECHNICAL DOCUMENTATION

This report forms part of a suite of documents that support the statutory public consultation for Silvertown Tunnel in October – November 2015. This document should be read in conjunction with other documents in the suite that provide evidential inputs and/or rely on outputs or findings.

The suite of documents with brief descriptions is listed below:-

- **Preliminary Case for the Scheme**
 - Preliminary Monitoring and Mitigation Strategy
- **Preliminary Charging Report**
- **Preliminary Transport Assessment**
- **Preliminary Design and Access Statement**
- **Preliminary Engineering Report**
- **Preliminary Maps, Plans and Drawings**
- **Preliminary Environmental Information Report (PEIR)**
 - Preliminary Non Technical Summary
 - Preliminary Code of Construction Practice
 - Preliminary Site Waste Management Plan
 - Preliminary Energy Statement
- **Preliminary Sustainability Statement**
- **Preliminary Equality Impact Assessment**
- **Preliminary Health Impact Assessment**
- **Preliminary Outline Business Case**
 - Preliminary Distributional Impacts Appraisal
 - Preliminary Social Impacts Appraisal
 - Preliminary Economic Assessment Report
 - Preliminary Regeneration and Development Impact Assessment



SILVERTOWN TUNNEL

Preliminary Maps, Plans and Drawings

October 2015

Silvertown Tunnel

Preliminary Maps, Plans and Drawings

Silvertown Tunnel

Preliminary Maps, Plans and Drawings


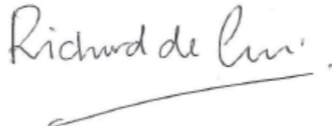
Planning Act 2008

Infrastructure Planning

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Document Reference: *ST150030-PLN-ZZZ-ZZ-RP-PC-0006*

Author: *Transport for London*

Rev.	Date	Approved By	Signature	Description
1	02/10/2015	David Rowe (TfL Lead Sponsor)		For Consultation
		Richard De Cani (TfL MD Planning)		

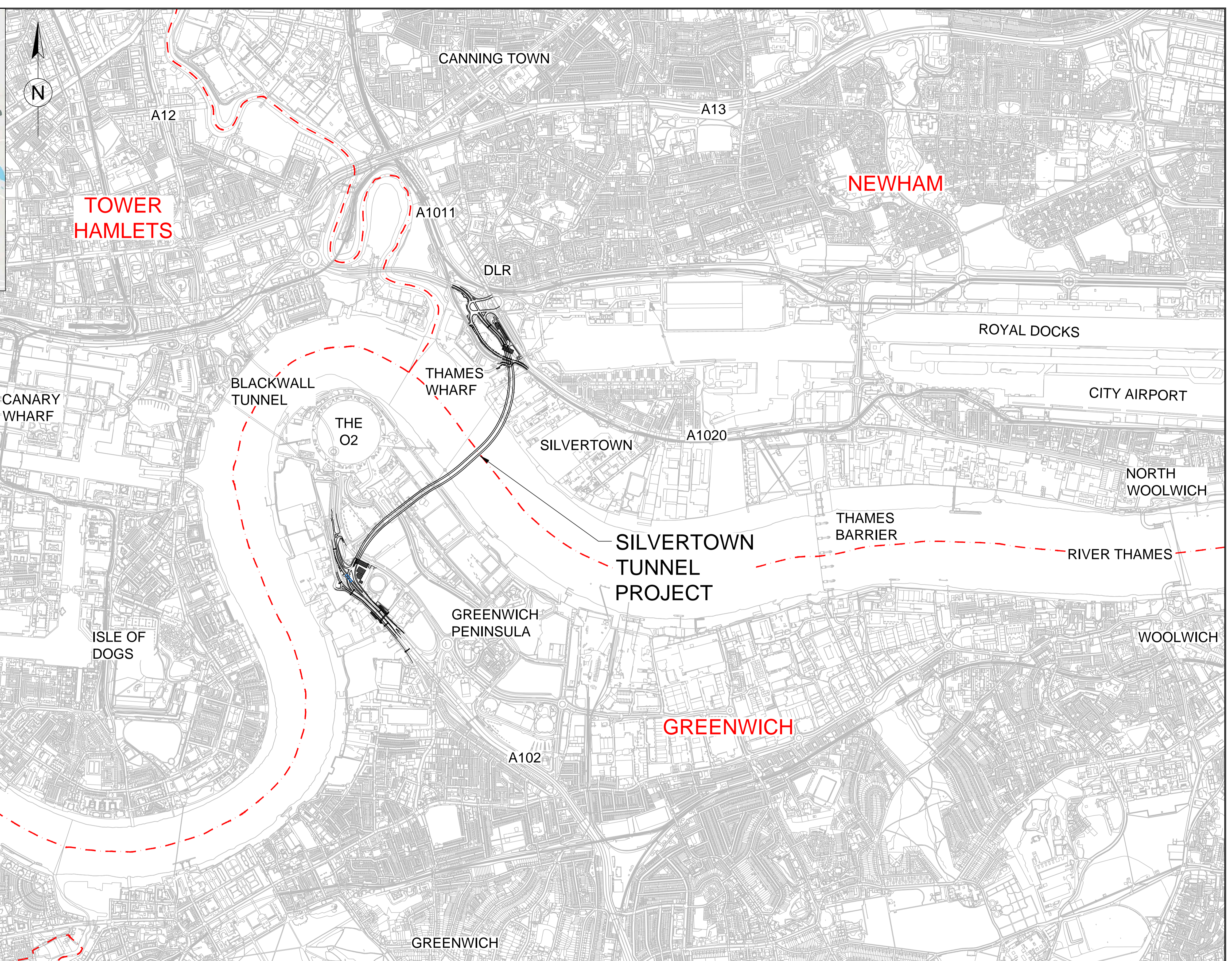
Contents

Preliminary Maps, Plans and Drawings

Document Number	Document Title
STWTN-ATK-GEN-XXXX-DR-Z-1001	Location Plan
STWTN-ATK-GEN-XXXX-DR-Z-1002	Scheme Layout
STWTN-ATK-GEN-XXXX-DR-Z-1003	General Arrangement Plan Sheet 1 of 3
STWTN-ATK-GEN-XXXX-DR-Z-1004	General Arrangement Plan Sheet 2 of 3
STWTN-ATK-GEN-XXXX-DR-Z-1005	General Arrangement Plan Sheet 3 of 3
STWTN-ATK-GEN-XXXX-DR-Z-1006	Silvertown Northern Tie-in Existing and Proposed Junction Arrangements
STWTN-ATK-GEN-XXXX-DR-Z-1007	Greenwich Peninsula Southern Tie-in Existing and Proposed Junction Arrangements
STWTN-ATK-GEN-XXXX-DR-Z-1020	North Portal Cross-Sections
STWTN-ATK-GEN-XXXX-DR-Z-1030	South Portal Cross-Sections
STWTN-ATK-GEN-XXXX-DR-Z-1040	Tunnel Plan & Profile
STWTN-ATK-GEN-XXXX-DR-Z-1041	Bored Tunnel Cross Section Through a Typical Cross Passage
STWTN-ATK-GEN-XXXX-DR-Z-1042	Cut-and-Cover Tunnel Typical Cross Section
STWTN-ATK-GEN-XXXX-DR-Z-1050	Scheme Construction Works Areas



100
Millimetres
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DO NOT SCALE



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KEY:
- - - - - BOROUGH BOUNDARIES

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For Consultation				
Rev	Drawn / Des	Checked	Approved	Date
Description				

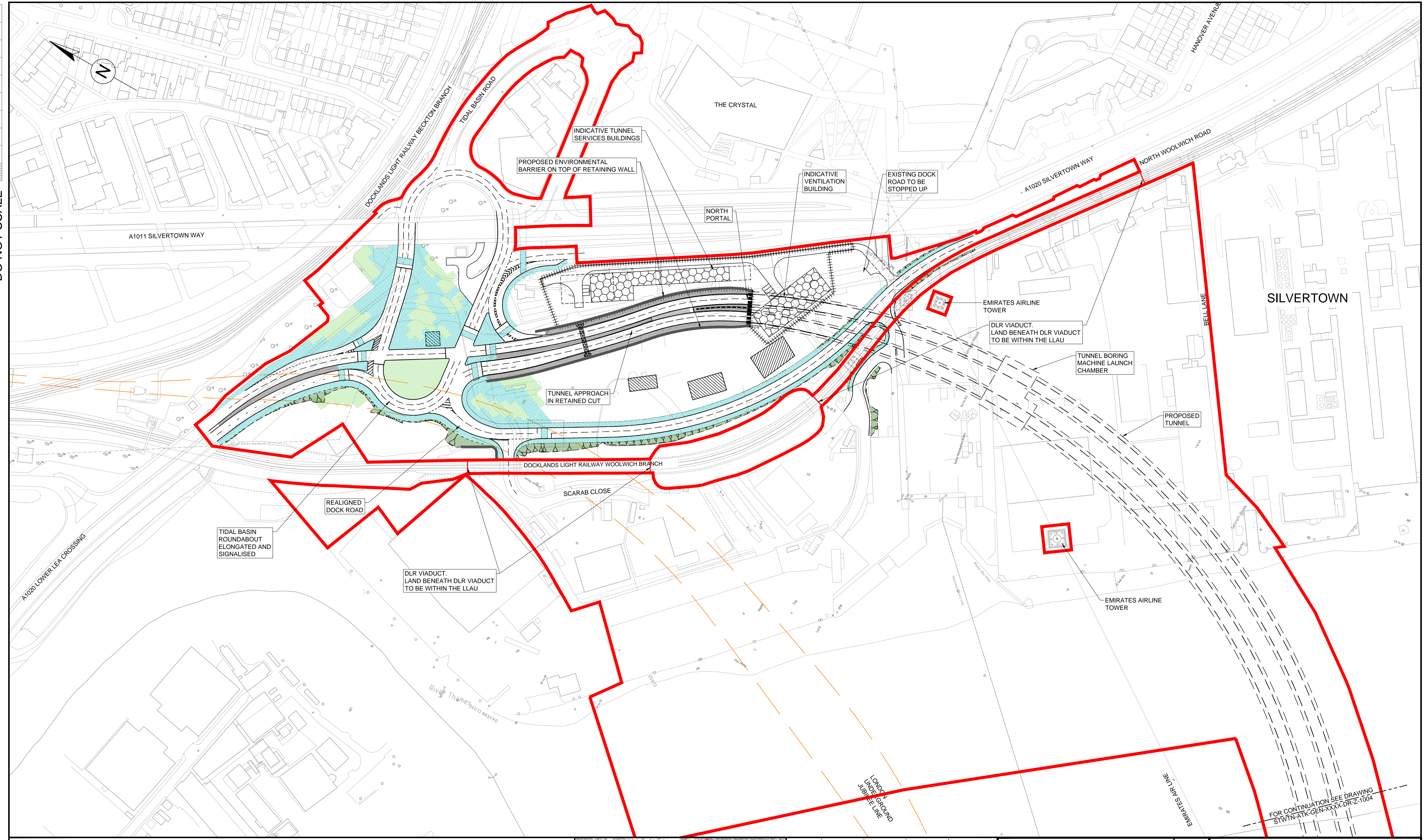
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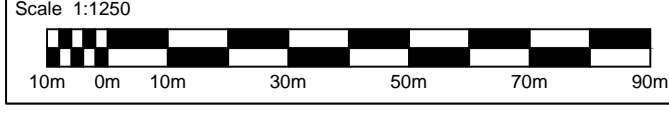
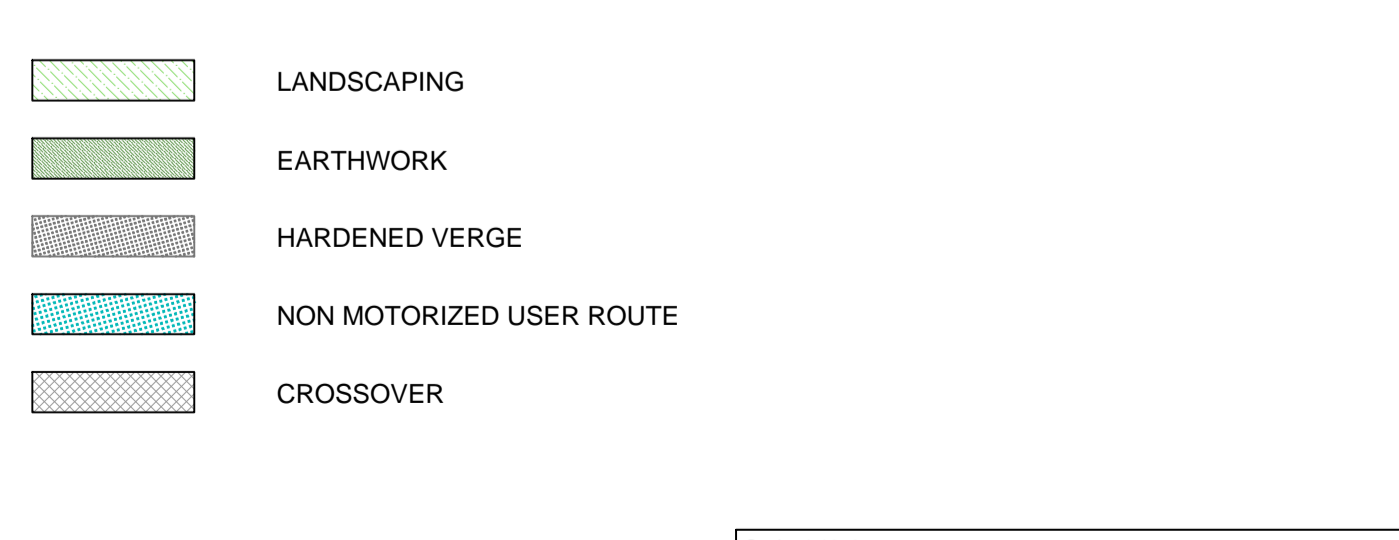
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	GANTRY STRUCTURES		NON MOTORIZED USER ROUTE
	ANTI-RECIRCULATION WALL		CROSSOVER
	TUNNEL PORTAL		
	TUNNEL SERVICES AND VENTILATION BUILDINGS		
	UNDERGROUND DRAINAGE ATTENUATION TANKS		



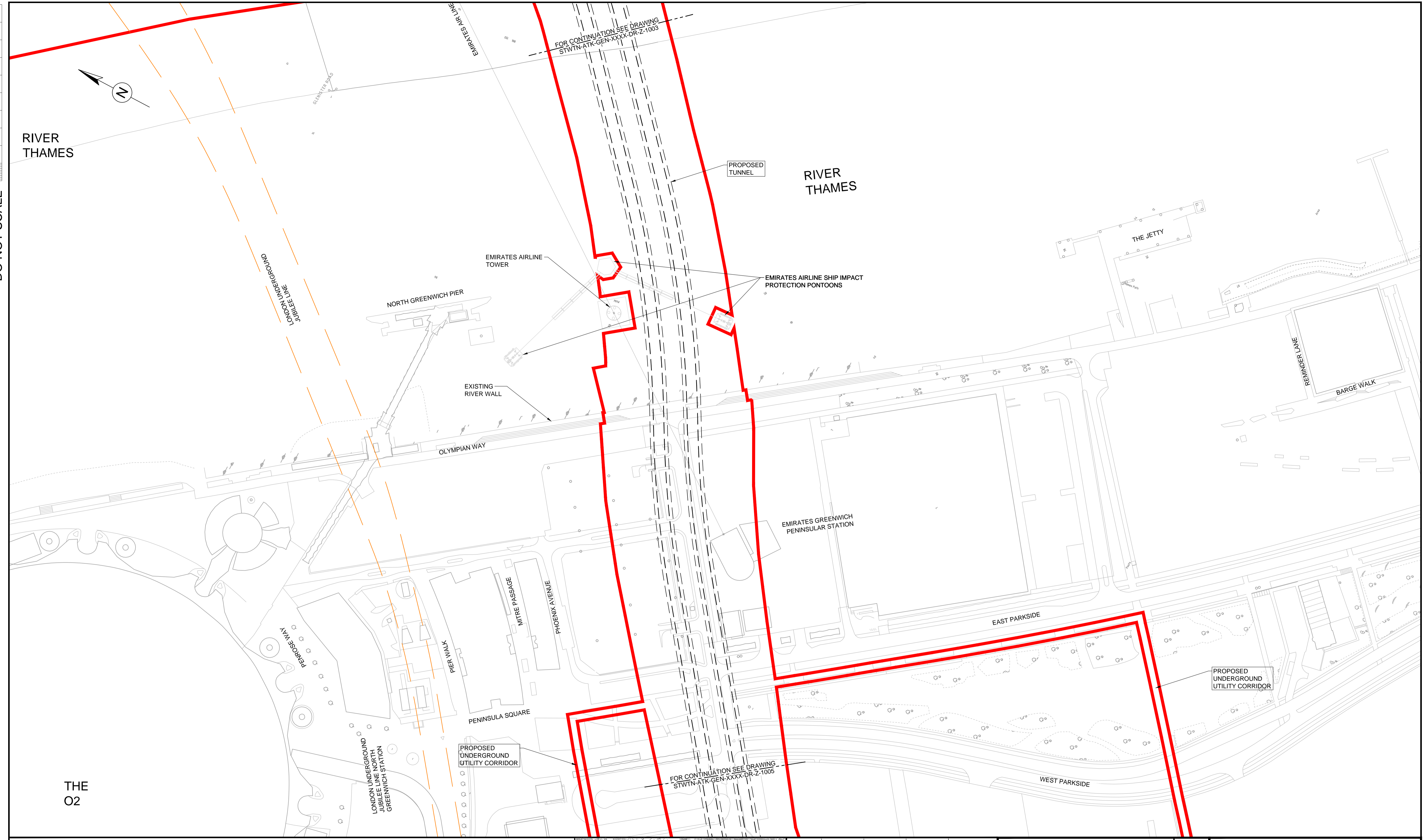
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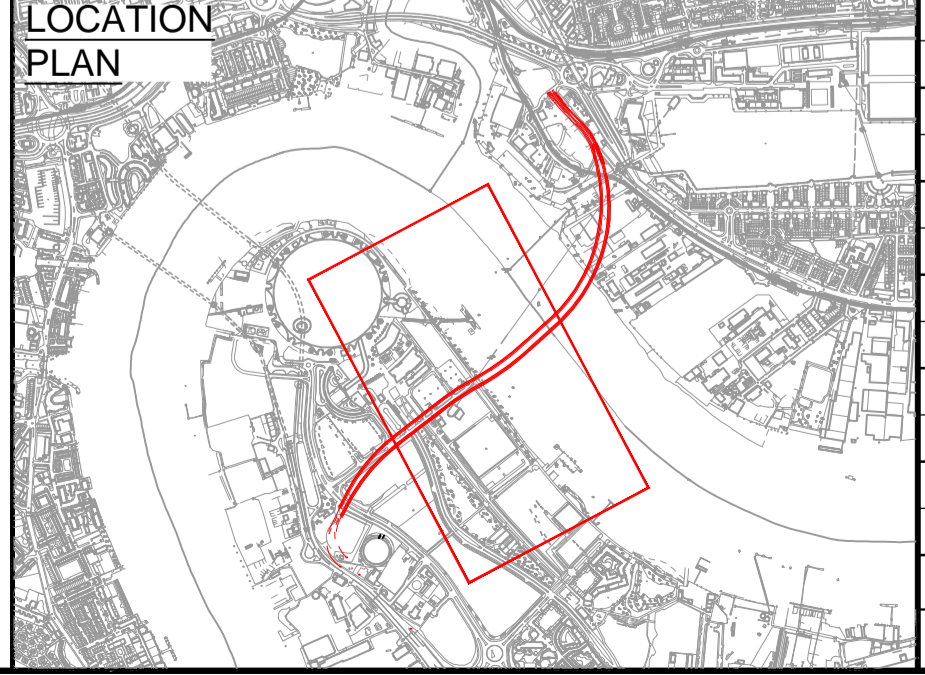
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Drawing Number				Revision
STWTN-ATK-GEN-XXXX-DR-Z-1003				P01

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For Consultation				
Description				

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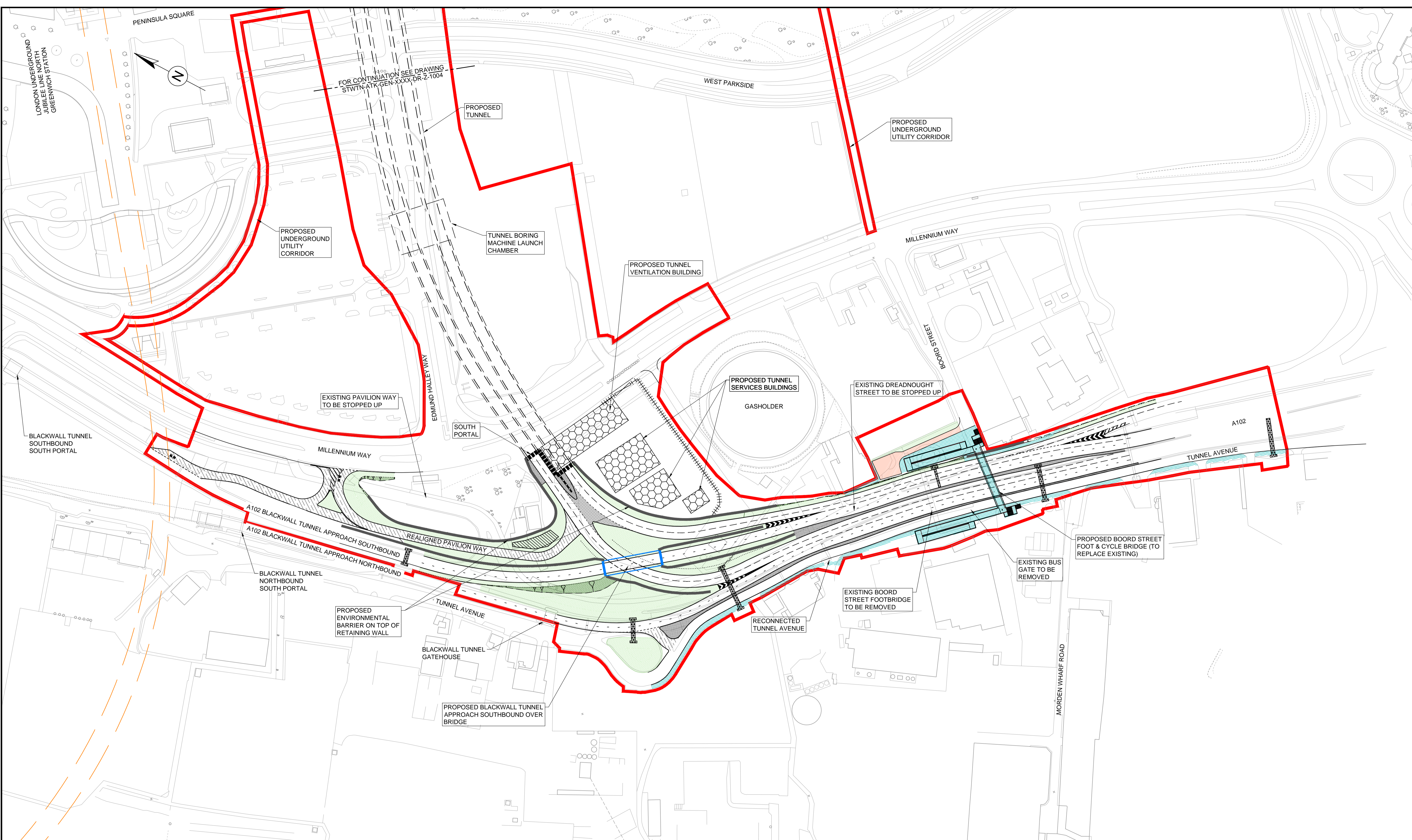
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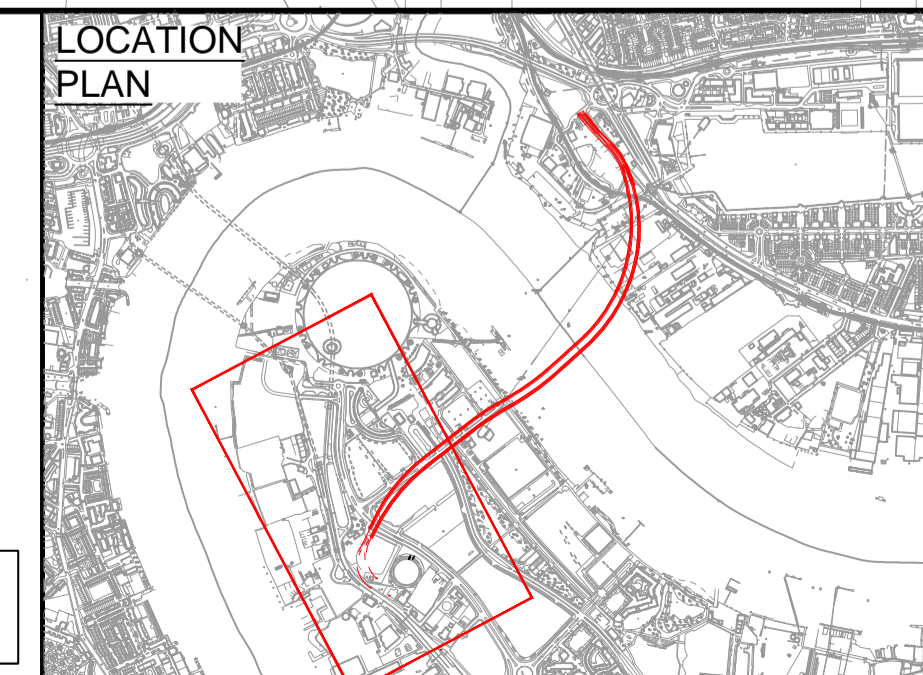
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	GANTRY STRUCTURES		NON MOTORIZED USER ROUTE
	ANTI-RECIRCULATION WALL		CROSSOVER
	TUNNEL PORTAL		BUS ONLY LANE
	TUNNEL SERVICES AND VENTILATION BUILDINGS		SHARED SURFACE
	UNDERGROUND DRAINAGE ATTENUATION TANKS		
	BRIDGE STRUCTURE		



SB	GB	MK	29/09/15
For Consultation			
Rev	Drawn / Des	Checked	Approved
			Date
Description			

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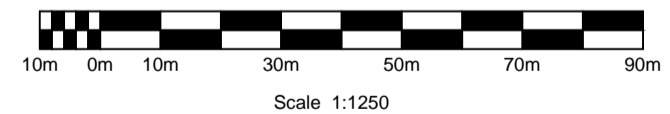
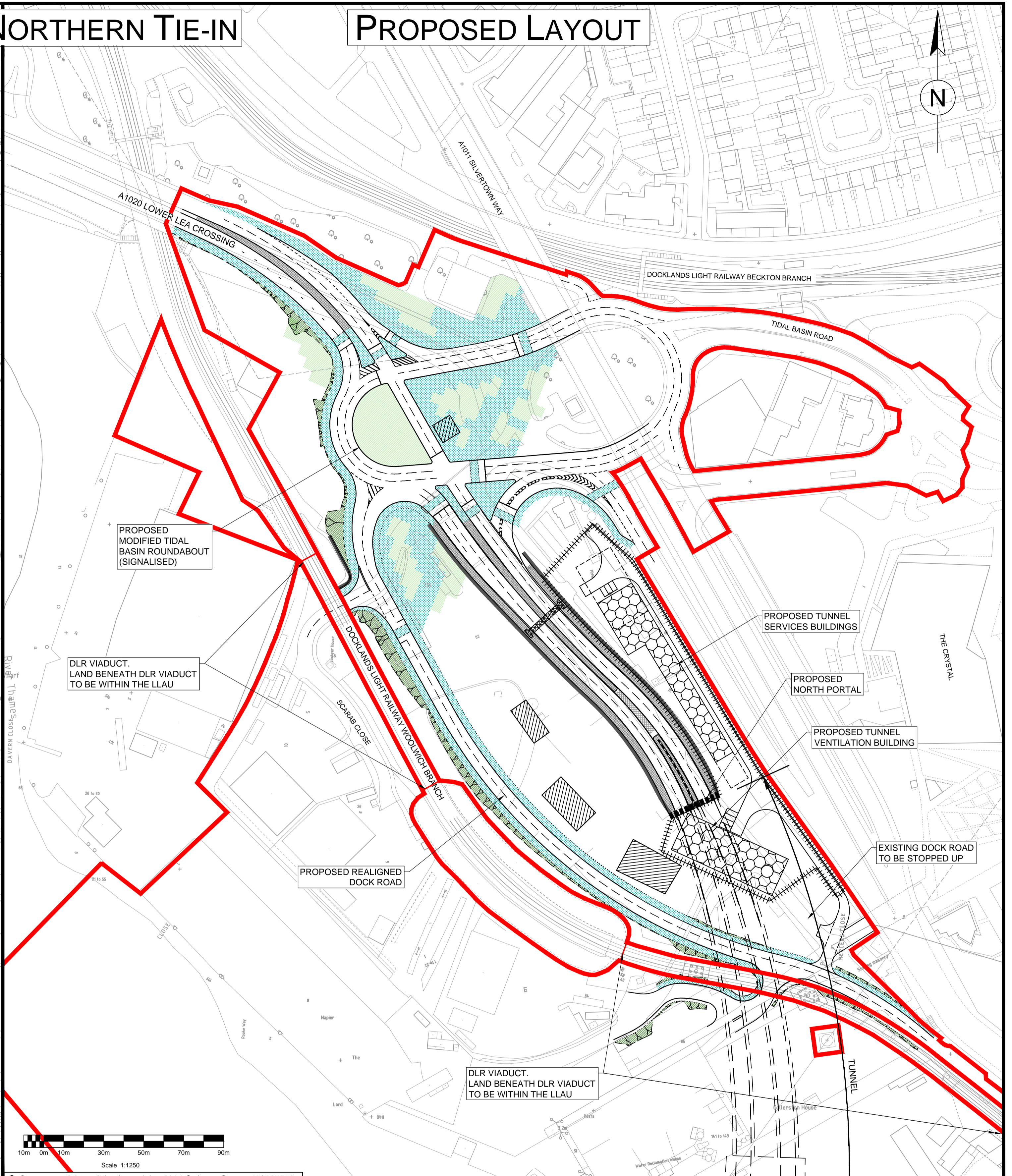
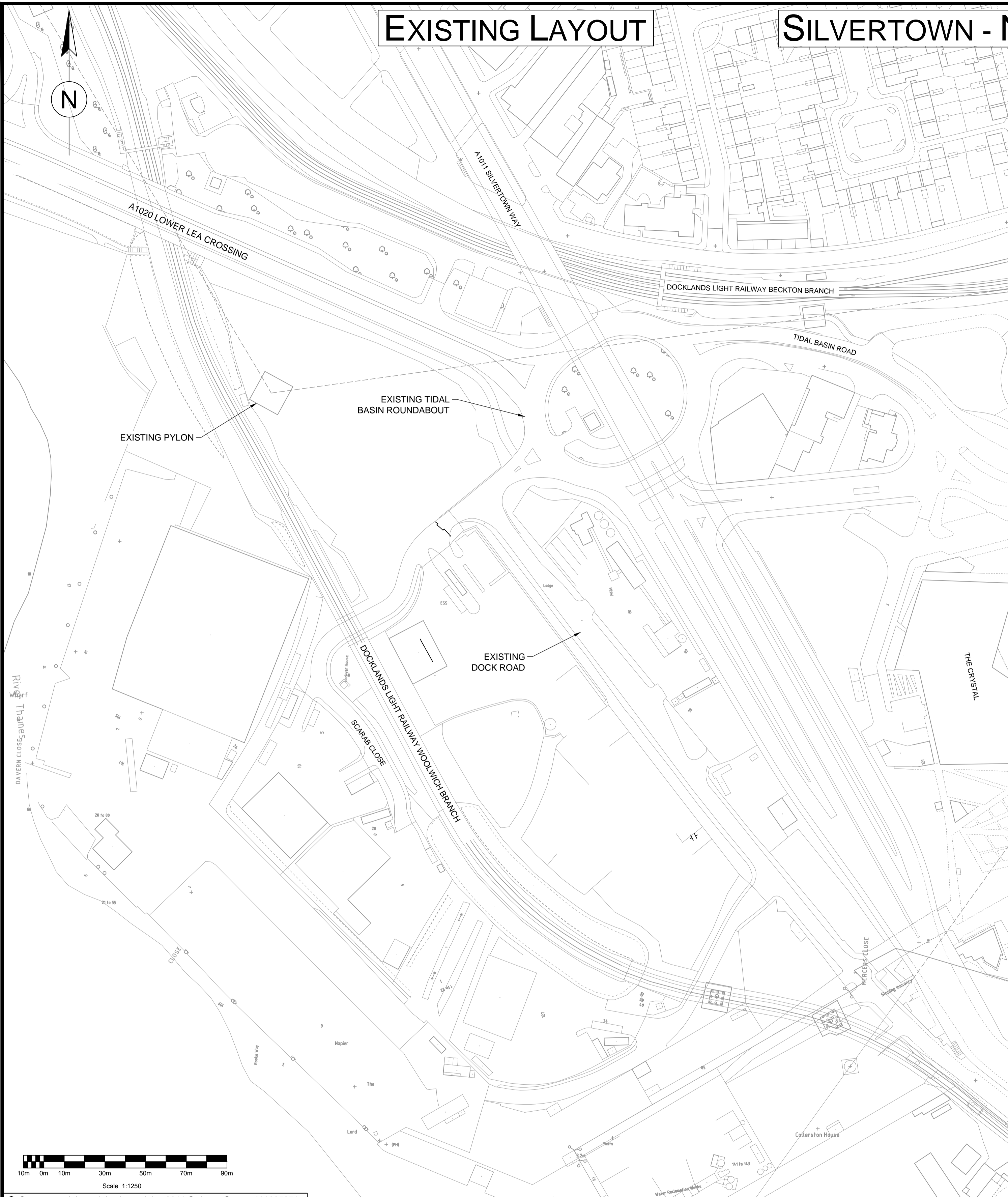
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EXISTING LAYOUT

SILVERTOWN - NORTHERN TIE-IN

PROPOSED LAYOUT

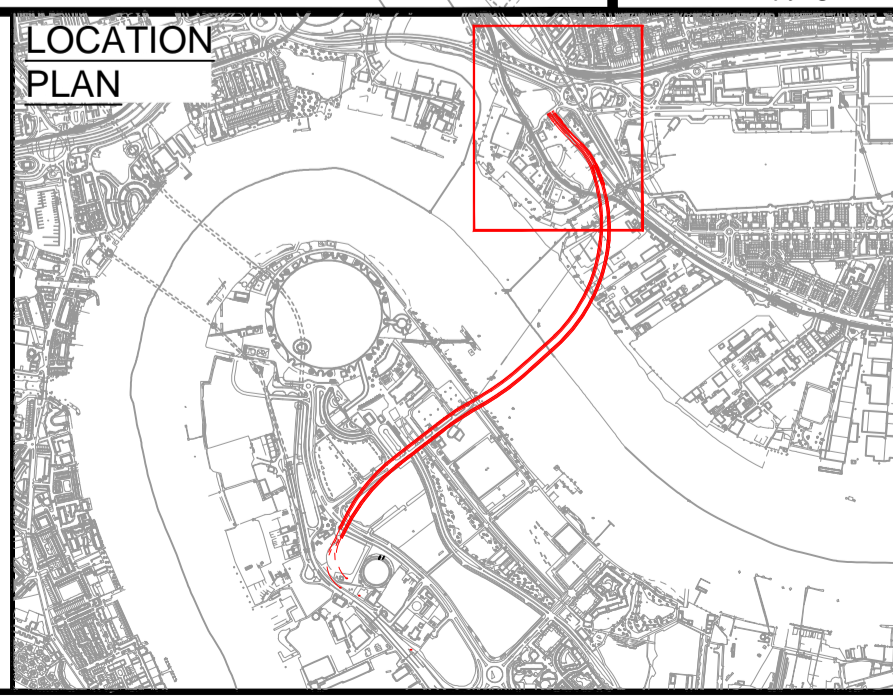


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KEY:

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	GANTRY STRUCTURES		NON MOTORIZED USER ROUTE
	ANTI-RECIRCULATION WALL		CROSSOVER
	TUNNEL PORTAL		
	TUNNEL SERVICES AND VENTILATION BUILDINGS		
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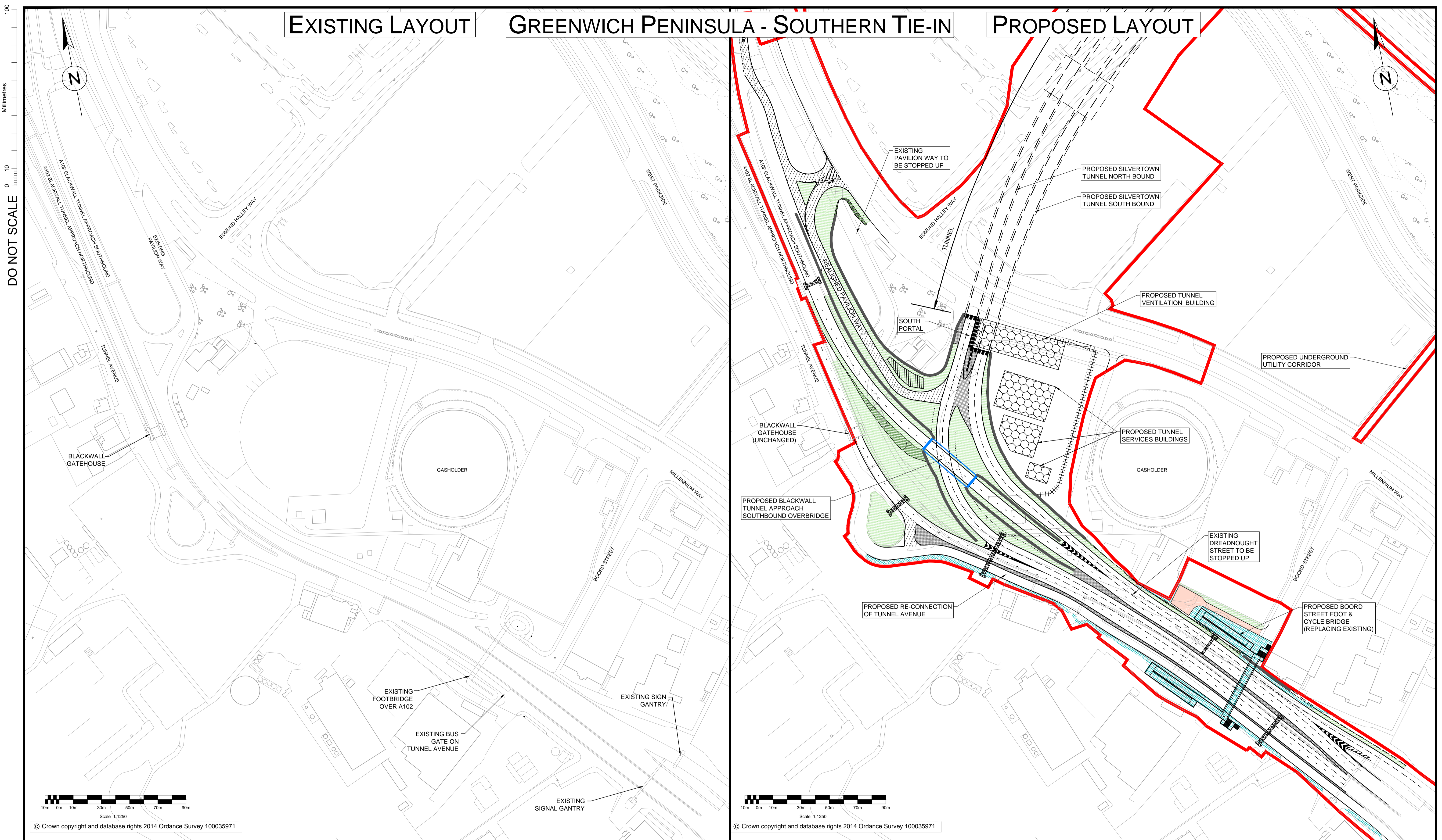
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SILVERTOWN TUNNEL

Client: Transport for London

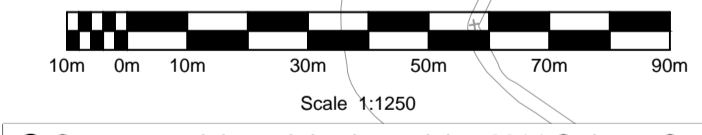
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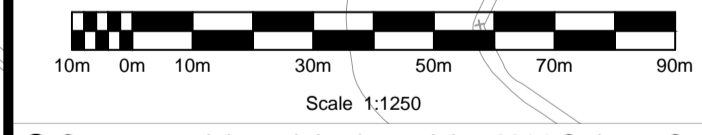


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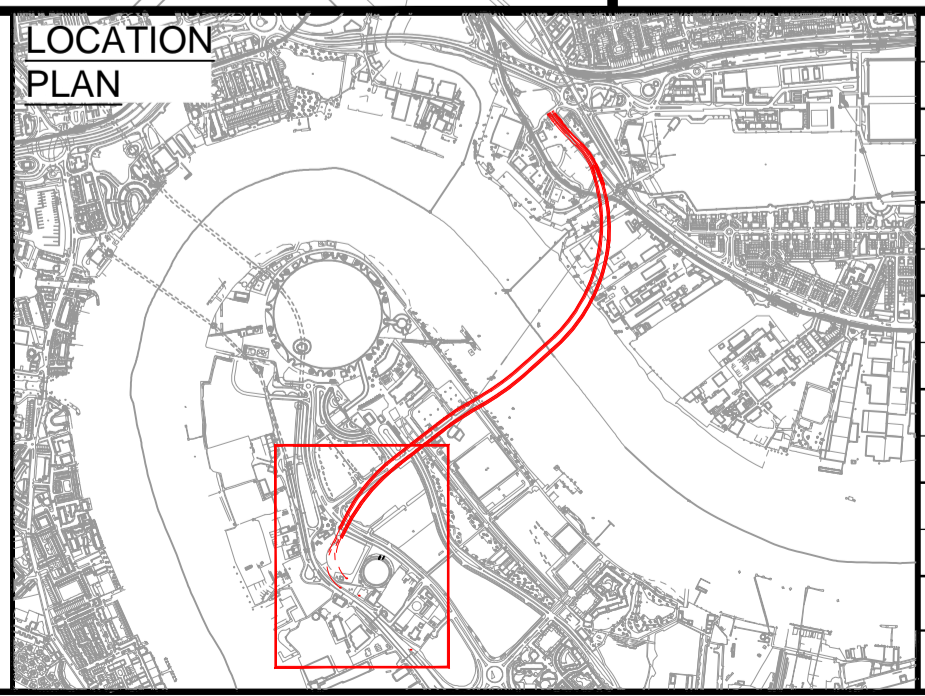
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KEY:

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	FENCE BOUNDARY OF TUNNEL SERVICE BUILDINGS		HARDENED VERGE
	GANTRY STRUCTURES		NON MOTORIZED USER ROUTE
	ANTI-RECIRCULATION WALL		CROSSOVER
	TUNNEL PORTAL		BUS ONLY LANE
	TUNNEL SERVICES AND VENTILATION BUILDINGS		SHARED SURFACE
	UNDERGROUND DRAINAGE ATTENUATION TANKS		
	BRIDGE STRUCTURE		

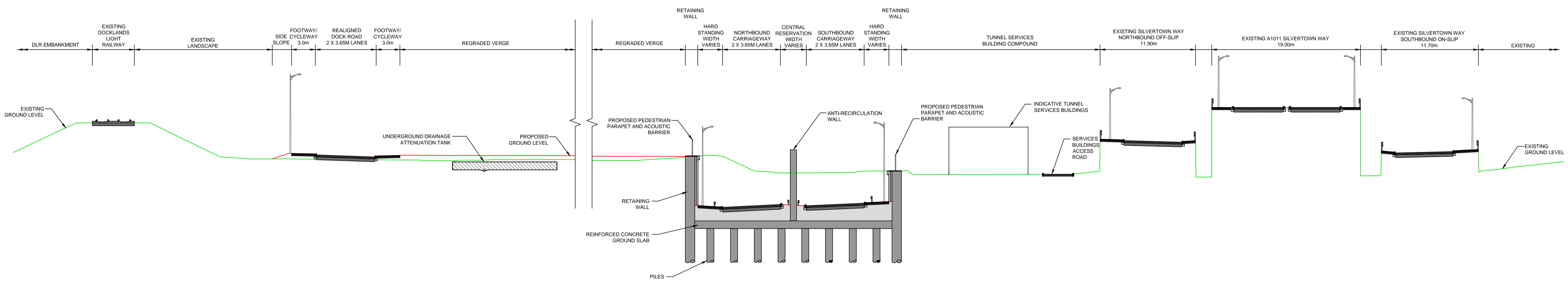
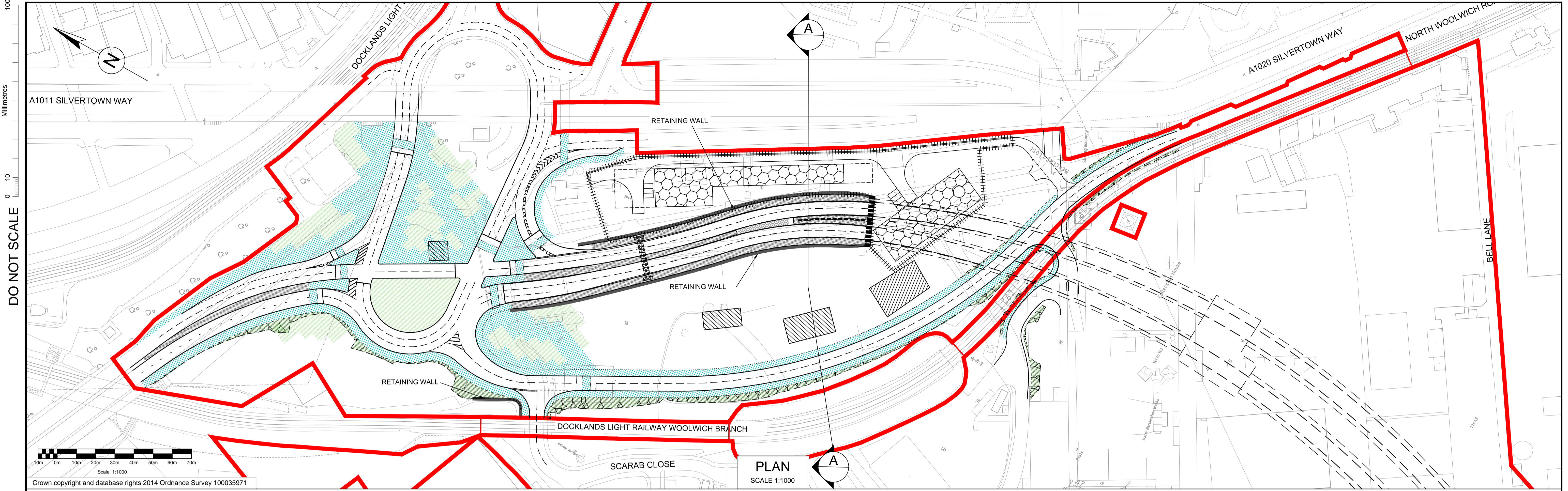


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SILVERTOWN TUNNEL

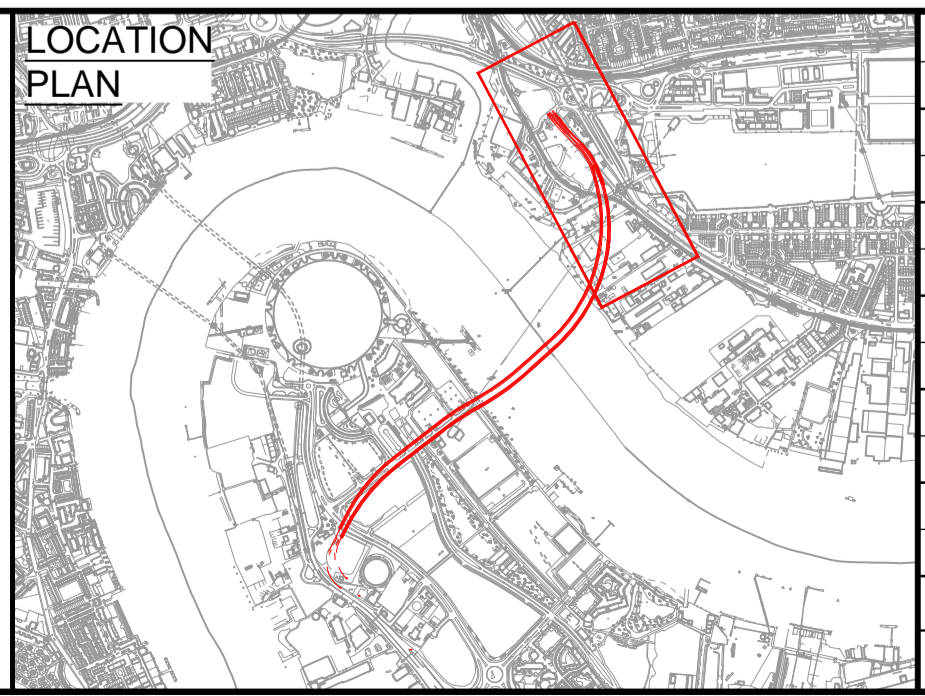
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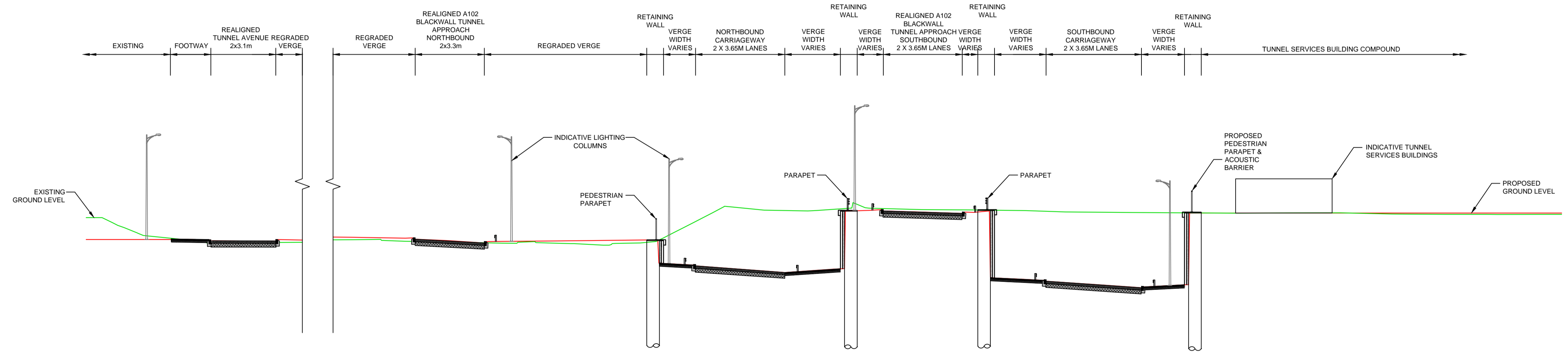
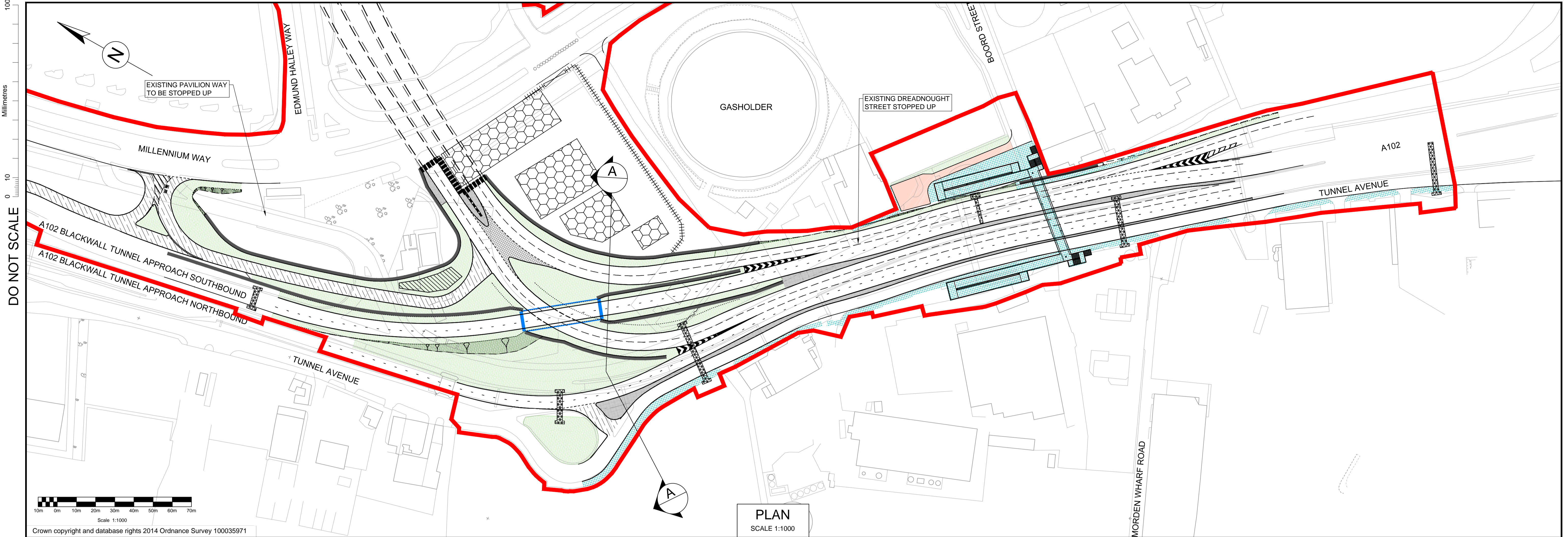
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	GANTRY STRUCTURES		EARTHWORK
	ANTI-RECIRCULATION WALL		HARDENED VERGE
	TUNNEL PORTAL		NON MOTORIZED USER ROUTE
	TUNNEL SERVICES AND VENTILATION BUILDINGS		CROSSOVER
	UNDERGROUND DRAINAGE ATTENUATION TANKS		



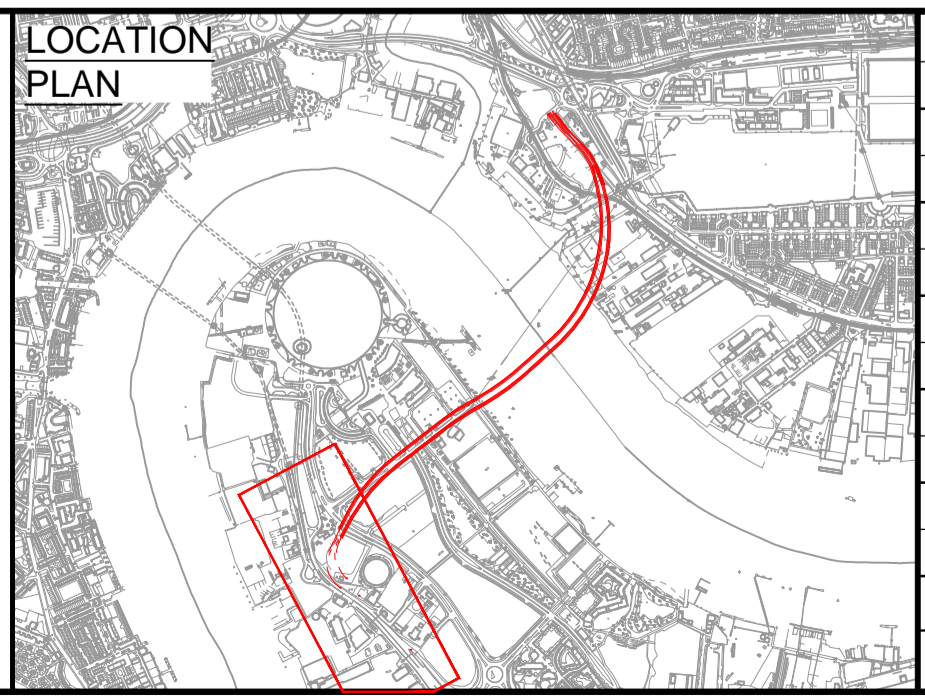
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For Consultation				
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FOR INFORMATION		S2		SILVERTOWN TUNNEL	
				Drawing Title	
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AS SHOWN	SB	GB	MK	MRM	
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Drawing Number				Revision	
STWTN-ATK-GEN-XXXX-DR-Z-1020				P01	



KEY

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	RETAINING WALL		EXISTING GROUND LEVEL
	FENCE BOUNDARY OF TUNNEL SERVICE BUILDINGS		LANDSCAPING
	GANTRY STRUCTURES		EARTHWORK
	ANTI-RECIRCULATION WALL		HARDENED VERGE
	TUNNEL PORTAL		NON MOTORIZED USER ROUTE
	TUNNEL SERVICES AND VENTILATION BUILDINGS		CROSSOVER
	UNDERGROUND DRAINAGE ATTENUATION TANKS		BUS ONLY LANE
	BRIDGE STRUCTURE		SHARED SURFACE



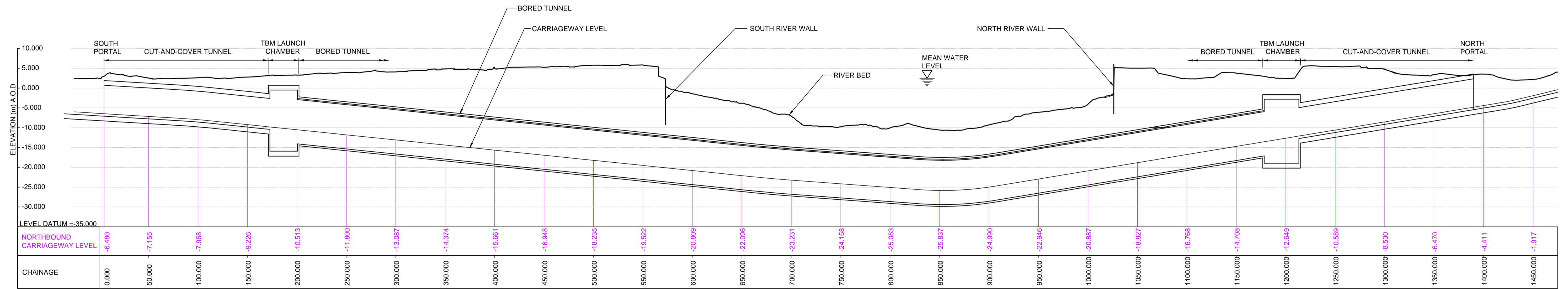
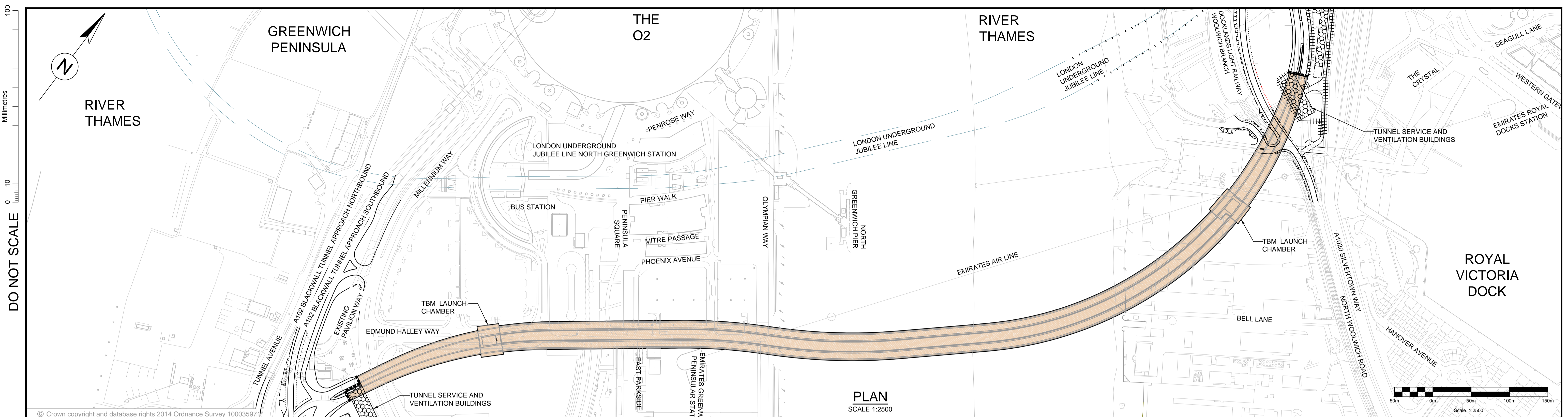
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FOR INFORMATION

SILVERTOWN TUNNEL

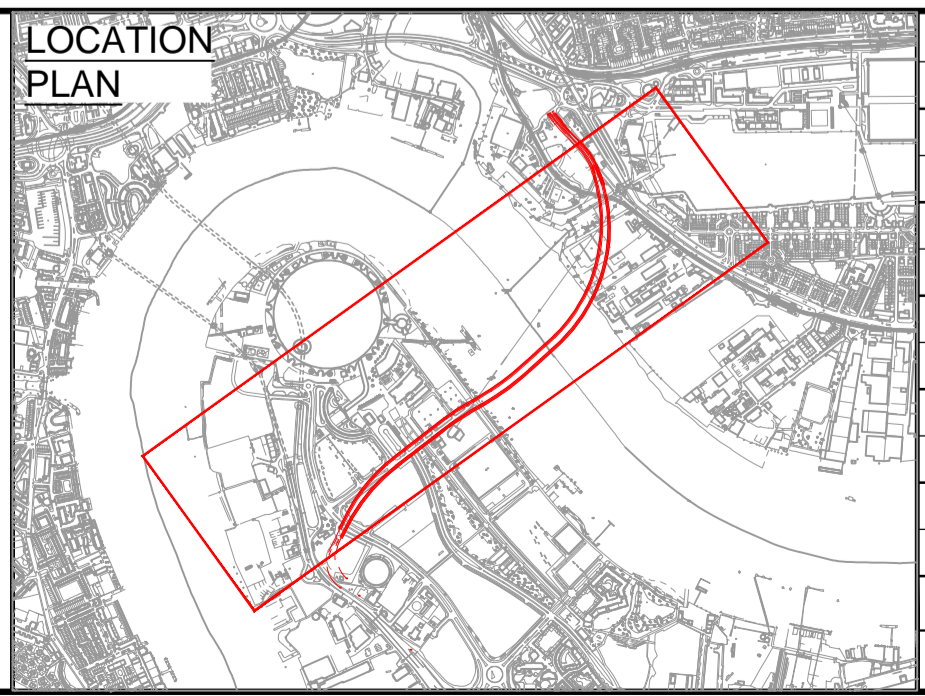
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Drawing Number	STWTN-ATK-GEN-XXXX-DR-D-1030			Revision	P01



TUNNEL LAYOUT - LONGITUDINAL SECTION
HORIZONTAL SCALE 1:2000, VERTICAL SCALE 1:500

NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN METERS
2. ALIGNMENT DATA FOR THE NORTHBOUND TUNNEL



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Rev	Drawn / Des	Checked	Approved	Date

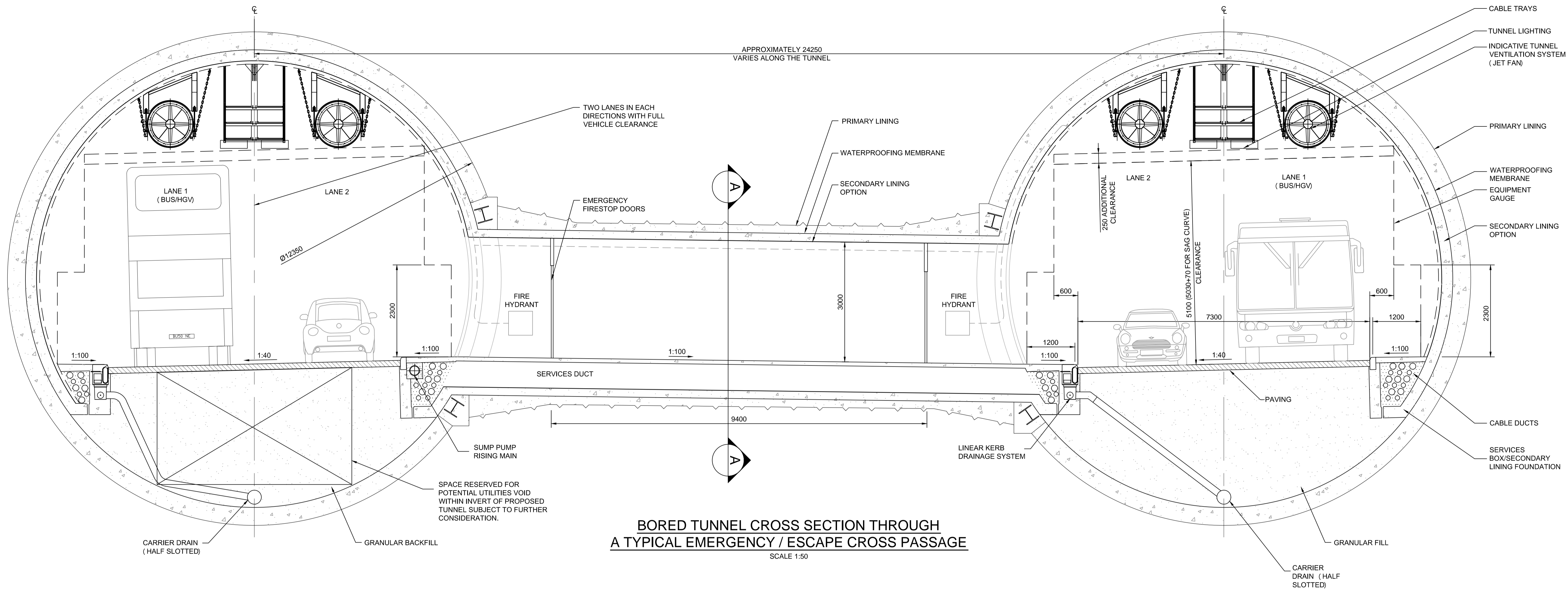
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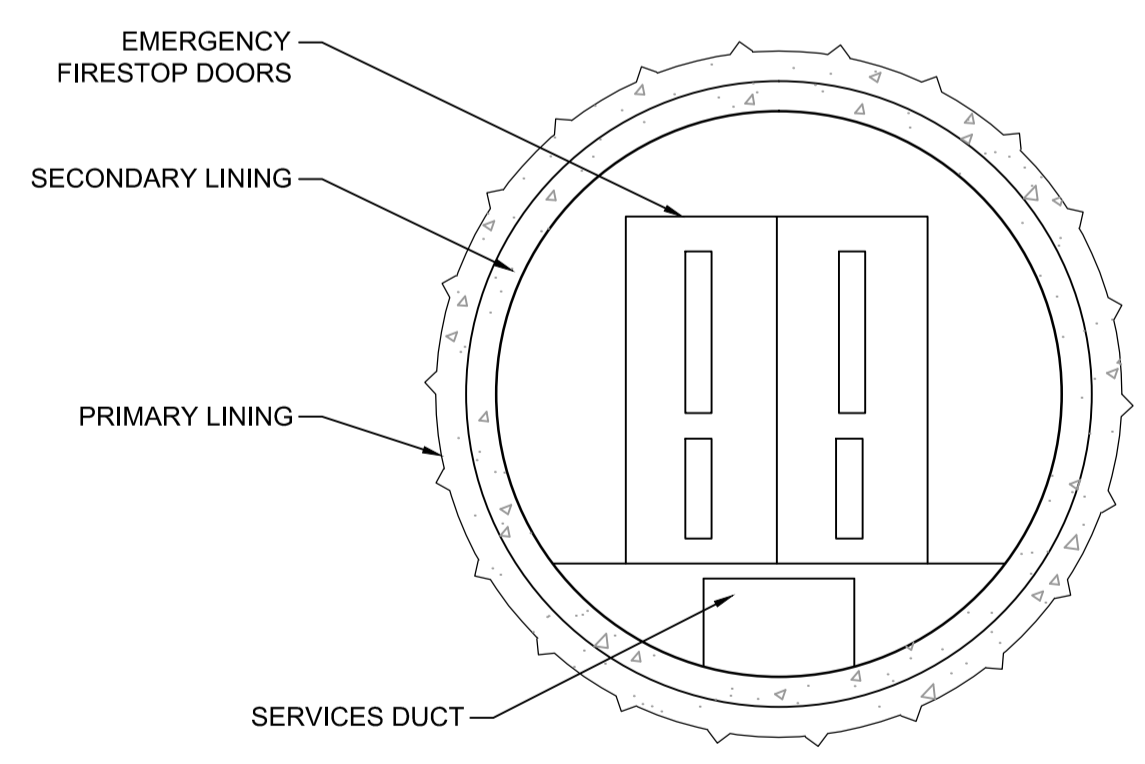
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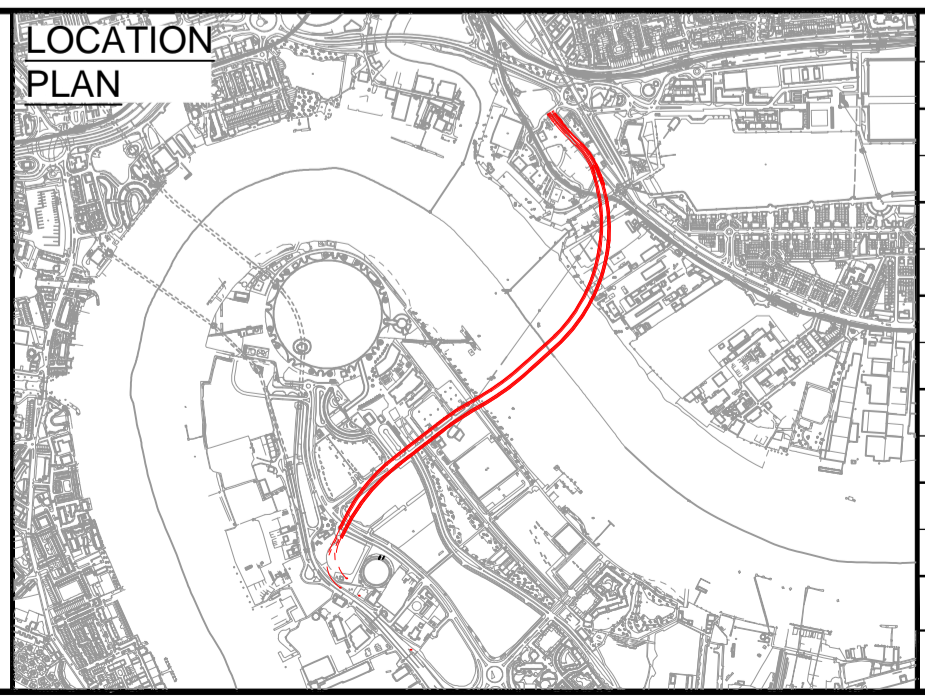


BORED TUNNEL CROSS SECTION THROUGH A TYPICAL EMERGENCY / ESCAPE CROSS PASSAGE
SCALE 1:50



CROSS PASSAGE SECTION A-A
SCALE 1:50

NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES.



P01	SB	GB	MK	29/09/15
For Consultation				
Rev	Drawn / Des	Checked	Approved	Date
Description				

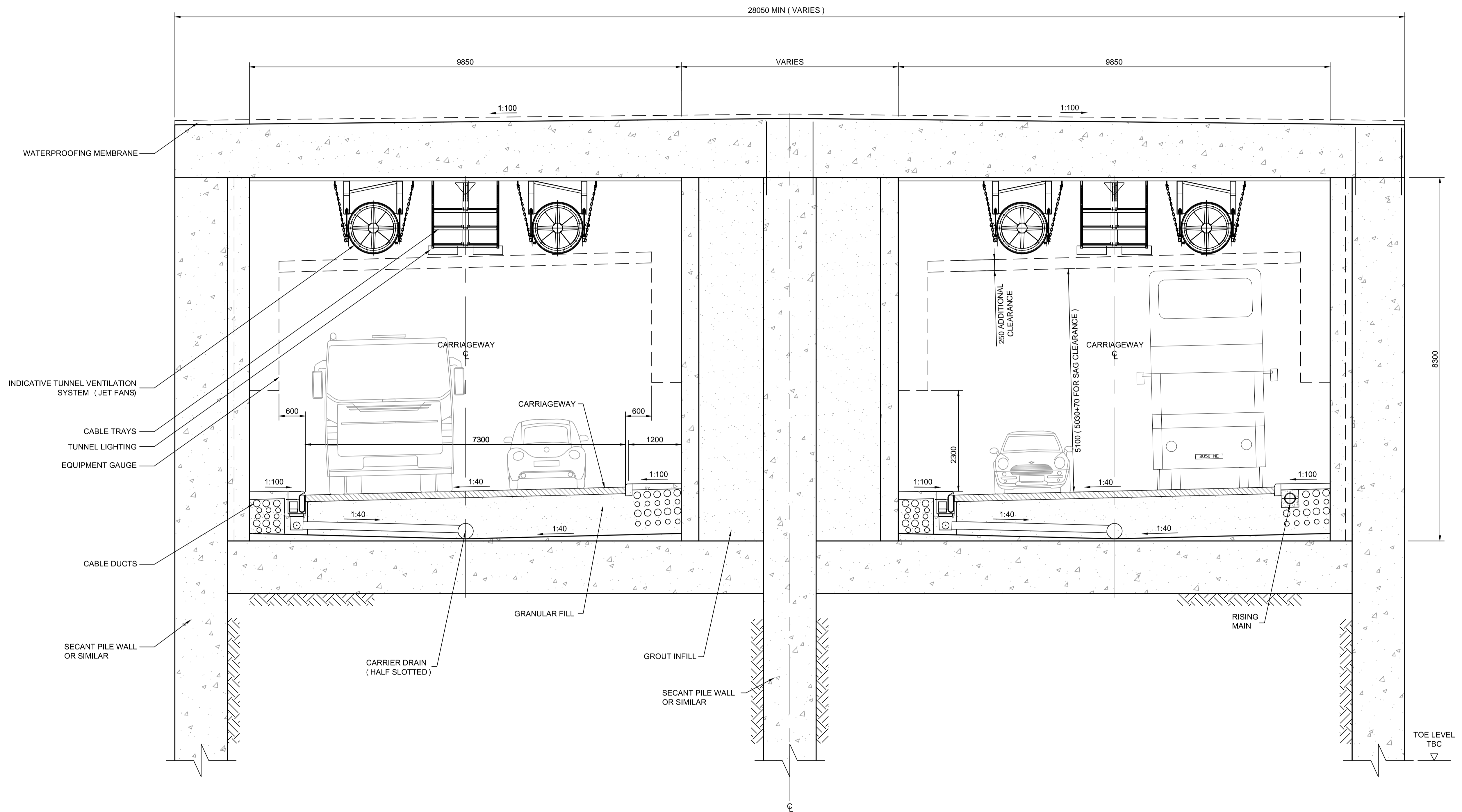
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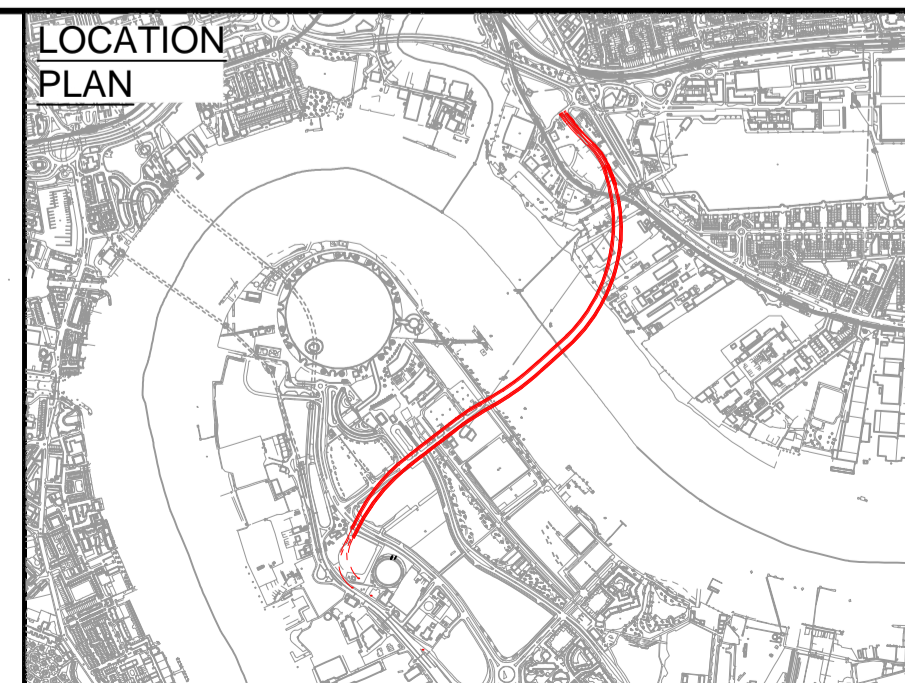
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**CUT- AND - COVER TUNNEL
TYPICAL CROSS SECTION**
SCALE 1:50

NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES.



P01	SB	GB	MK	29/09/15
For Consultation				
Rev	Drawn / Des	Checked	Approved	Date
Description				

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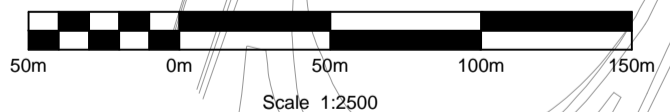
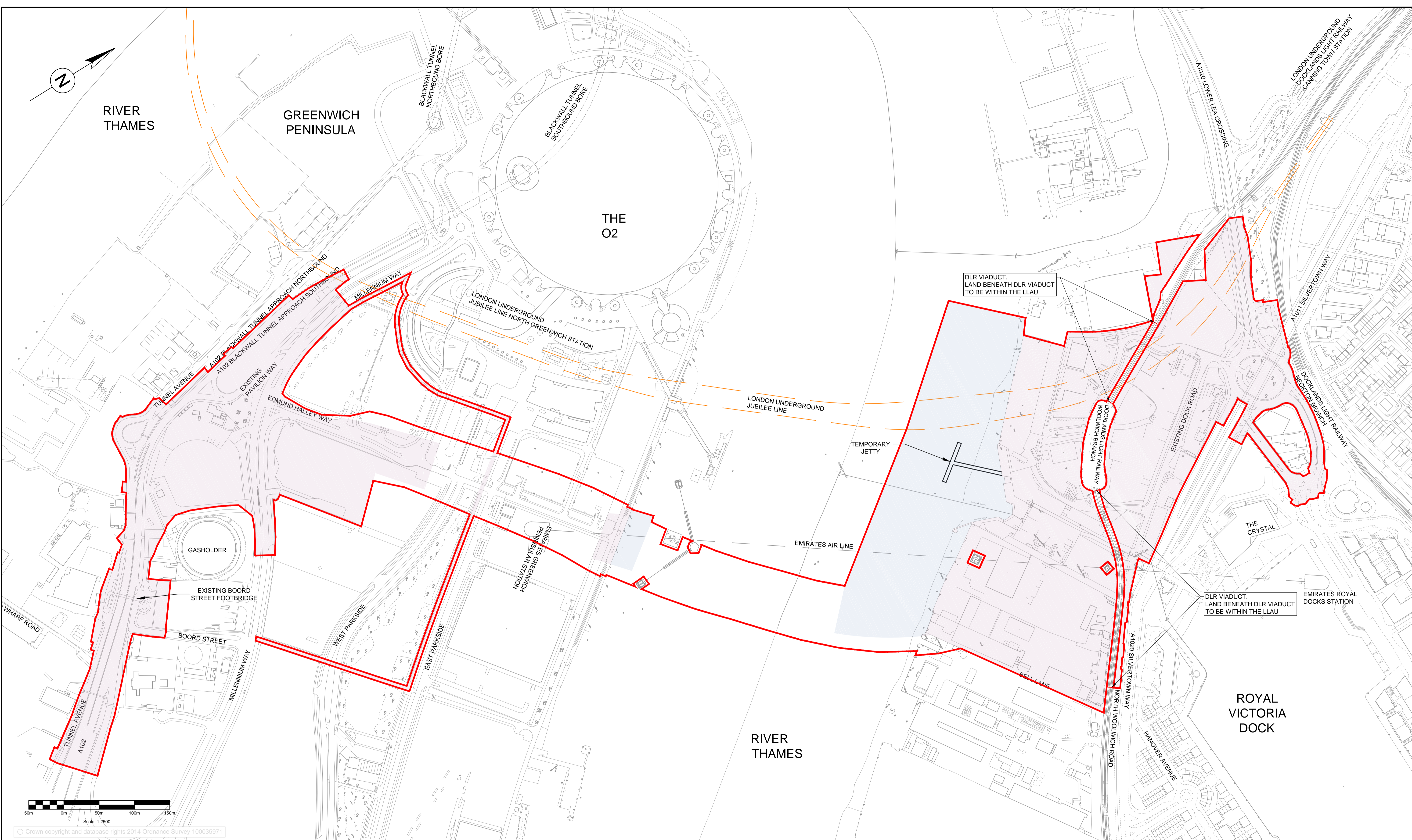
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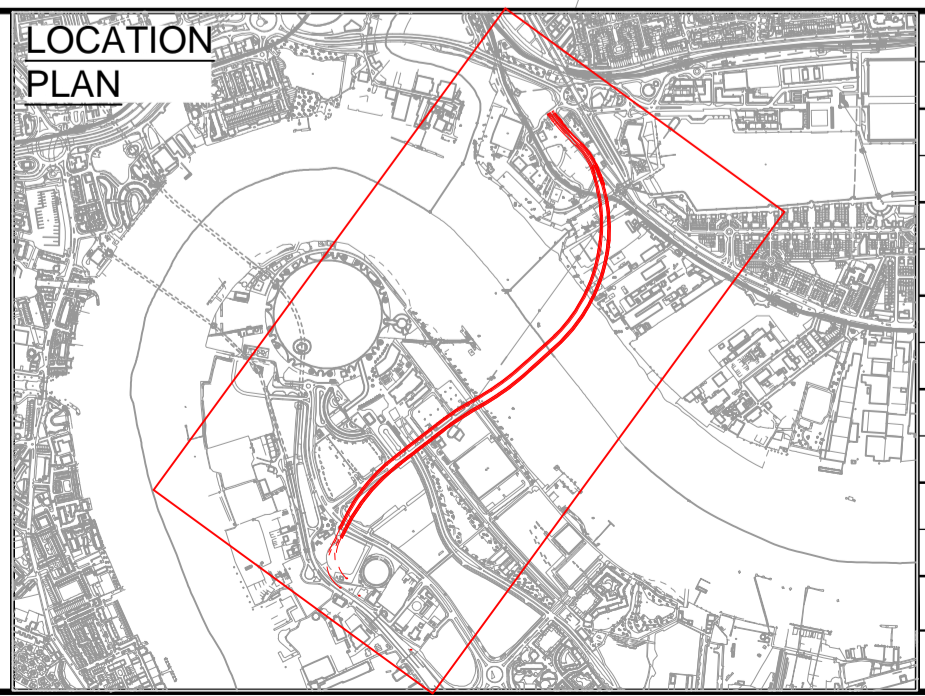
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- KEY:**
- LIMIT OF LAND TO BE ACQUIRED OR USED (LLAU)
 - AREA PROPOSED FOR WORKS WITHIN THE RIVER
 - AREA PROPOSED FOR CONSTRUCTION WORKS AND CONSTRUCTION COMPOUNDS



P01	SB	GB	MK	29/09/15
For Consultation				
Rev	Drawn / Des	Checked	Approved	Date
Description				

Drawing Status: **FOR INFORMATION**

Subsidiary: **S2**

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