# Thames Water

### **Development Consent Order**

Application Reference Number: WWO10001

# Documents for Certification September 2014

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

Lidsay Speed

Saran Firbnither

September 2014



Thames Water Utilities Limited

# **Application for Development Consent**

Application Reference Number: WWO10001

# **Environmental Statement**

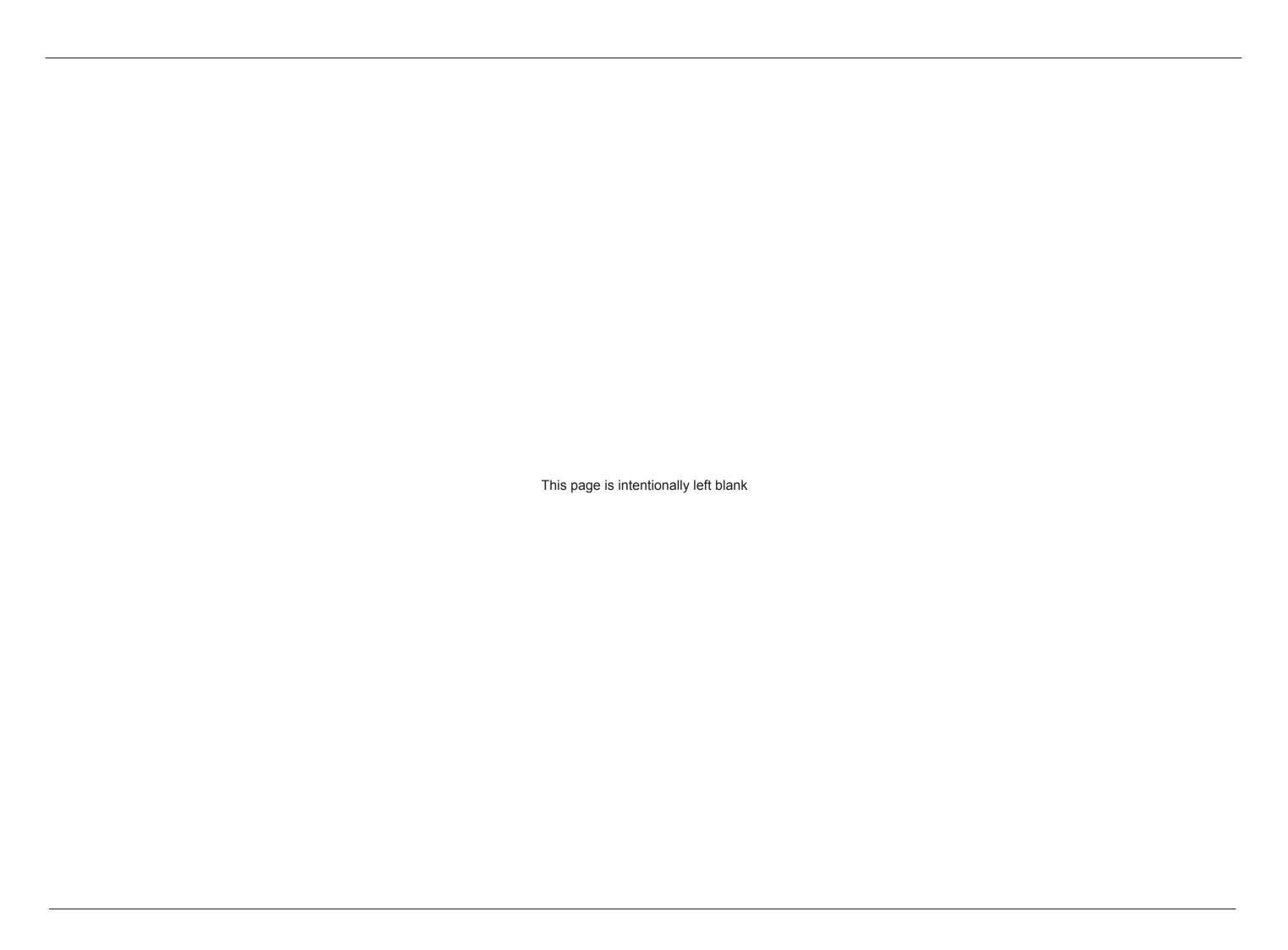
Doc Ref: **6.2.07** 

**Volume 7: Putney Embankment Foreshore figures** 

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







# **Environmental Statement**

### List of contents

Environmental	Statement glossary and abbreviations
Volume 1	Introduction to the Environmental Statement
Volume 2	Environmental assessment methodology
Volume 3	Project-wide effects assessment
Volume 4	Acton Storm Tanks site assessment
Volume 5	Hammersmith Pumping Station site assessment
Volume 6	Barn Elms site assessment
Volume 7	Putney Embankment Foreshore site assessment
Volume 8	Dormay Street site assessment
Volume 9	King George's Park site assessment
Volume 10	Carnwath Road Riverside site assessment
Volume 11	Falconbrook Pumping Station site assessment
Volume 12	Cremorne Wharf Depot site assessment
Volume 13	Chelsea Embankment Foreshore site assessment
Volume 14	Kirtling Street site assessment
Volume 15	Heathwall Pumping Station site assessment
Volume 16	Albert Embankment Foreshore site assessment
Volume 17	Victoria Embankment Foreshore site assessment
Volume 18	Blackfriars Bridge Foreshore site assessment
Volume 19	Shad Thames Pumping Station site assessment
Volume 20	Chambers Wharf site assessment
Volume 21	King Edward Memorial Park Foreshore site assessment
Volume 22	Earl Pumping Station site assessment
Volume 23	Deptford Church Street site assessment
Volume 24	Greenwich Pumping Station site assessment
Volume 25	Abbey Mills Pumping Station site assessment
Volume 26	Beckton Sewage Treatment Works site assessment
Volume 27	Minor works sites assessment

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## **Environmental Statement**

# **Volume 7 Putney Embankment Foreshore site assessment**

### **List of contents**

Section 1	Introduction	
Section 2	Site context	
Section 3	Proposed development	
Section 4	Air quality and odour	
Section 5	Ecology – aquatic	
Section 6	Ecology – terrestrial	
Section 7	Historic environment	
Section 8	Land quality	
Section 9	Noise and vibration	
Section 10	Socio-economics	
Section 11	Townscape and visual	
Section 12	Transport	
Section 13	Water resources – groundwater	
Section 14	Water resources – surface water	
Section 15	Water resources – flood risk	
Volume 7 Putne	ey Embankment Foreshore figures	
Section 1	Plans from the Book of Plans	
Section 2	Environmental impact assessment figures	
Volume 7 Putney Embankment Foreshore appendices		

Introduction

Land quality

Air quality and odour

Ecology - aquatic

Ecology - terrestrial

Historic environment

Noise and vibration

Townscape and visual

Socio-economics

Appendix A

Appendix B

Appendix C

Appendix D

Appendix E

Appendix F

Appendix G

Appendix H

Appendix I

Appendix J Transport

Appendix K Water resources – groundwater

Appendix L Water resources – surface water

Appendix M Water resources – flood risk

Appendix N Development schedule

# **Environmental Statement**

# **Volume 7 Putney Embankment Foreshore figures**

### List of contents

Section 1: Plans from the Book of Plans		
Site works parameter plan		
Demolition and site clearance plan 1 of 3		
Demolition and site clearance plan 2 of 3		
Demolition and site clearance plan 3 of 3		
Access plan		
Access plan – Temporary slipway		
Proposed landscape plan 1 of 2		
Proposed landscape plan 2 of 2		
As existing listed structure interface - kiosk		
Proposed listed structure interface - kiosk		
Foreshore kiosk design intent		
Proposed listed structures interface – Interception chamber		
Typical river wall design intent		
As existing and proposed listed bollard location plan		
Construction phases - temporary slipway		
Construction phases - phase 1		
Construction phases - phase 2		
Construction phases - phase 3		
Construction phases - phase 4		
Transport - existing highway layout		
Transport - highway layout during construction area 1		
Transport - highway layout during construction area 2		
Transport - highway layout during construction area 3		
Transport - permanent highway layout area 1		
Transport - permanent highway layout area 2		
Transport - permanent highway layout area 3		
Section 2: Environmental impact assessment figures		
Site location plan	Vol 7 Figure 2.1.1	
Land use	Vol 7 Figure 2.1.2	
Environmental setting	Vol 7 Figure 2.1.3	
Base case and cumulative development projects	Vol 7 Figure 3.5.1	
Air quality and odour - air quality monitoring sites	Vol 7 Figure 4.4.1	
Air quality and odour - H2S monitoring locations	Vol 7 Figure 4.4.2	
Air quality and odour - modelled air quality receptors	Vol 7 Figure 4.4.3	

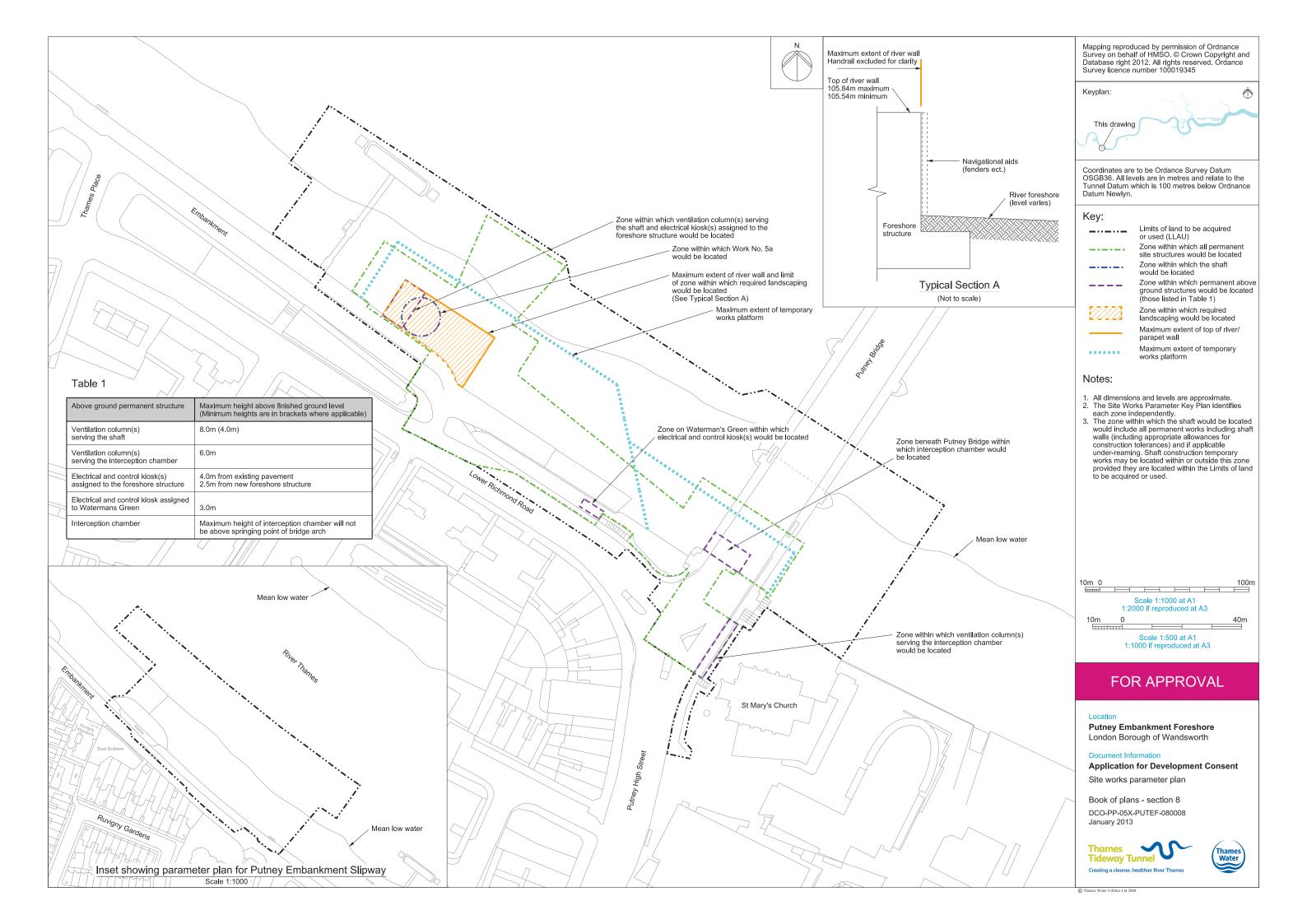
Air quality and odour - annual mean NO2 for 2010 baseline  Air quality and odour - annual mean NO2 for peak construction year base case  Air quality and odour - annual mean NO2 for peak construction year development case  Air quality and odour - annual mean NO2 Impact for peak construction year development case  Air quality and odour - annual mean NO2 Impact for peak construction year Air quality and odour - annual mean PM10 for 2010 baseline  Vol 7 Figure 4.5.4  Air quality and odour - annual mean PM10 for peak construction year development case  Air quality and odour - annual mean PM10 for peak construction year development case  Vol 7 Figure 4.5.6  Air quality and odour - annual mean PM10 Impact for peak construction year development case  Vol 7 Figure 4.5.7  Air quality and odour - annual mean PM10 Impact for peak construction year development case  Vol 7 Figure 4.5.8  Aquatic ecology - habitats and sampling locations  Vol 7 Figure 4.5.8  Aquatic ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.1  Terrestrial ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.2  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 9.4.1  Noise and vibration - receptor locations  Vol 7 Figure 10.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Aerial photo showing pattern of vegetation  Vol 7 Figure 11.4.3  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Air quality and odour - annual mean NO2 for peak construction year development case Air quality and odour - annual mean NO2 Impact for peak construction year Air quality and odour - annual mean PM10 for 2010 baseline Vol 7 Figure 4.5.5 Air quality and odour - annual mean PM10 for peak construction year base case Vol 7 Figure 4.5.6 Air quality and odour - annual mean PM10 for peak construction year development case Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.7 Air quality and odour - annual mean PM10 Impact for peak construction year development case Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.8 Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.7 Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.8 Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.8  Air quality and odour - annual mean PM10 Impact for peak construction year development case Vol 7 Figure 4.5.8  Air quality and odour - annual mean PM10 Impact for peak construction year development assess Vol 7 Figure 6.4.1  Terrestrial ecology - habitats and sampling locations Vol 7 Figure 6.4.1  Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.2  Noise and vibration - receptor locations with survey Vol 7 Figure 7.4.2  Noise and vibration - receptor locations Vol 7 Figure 9.4.1  Townscape and visual - Conservation areas Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.2  Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.3  Townscape and visual - Transport routes Vol 7 Figure 11.4.5  Townscape and visual - Transport routes Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomont
development case  Air quality and odour - annual mean NO2 Impact for peak construction year  Air quality and odour - annual mean PM10 for 2010 baseline  Vol 7 Figure 4.5.5  Air quality and odour - annual mean PM10 for peak construction year base case  Vol 7 Figure 4.5.6  Air quality and odour - annual mean PM10 for peak construction year base case  Vol 7 Figure 4.5.6  Air quality and odour - annual mean PM10 for peak construction year development case  Vol 7 Figure 4.5.7  Air quality and odour - annual mean PM10 Impact for peak construction year  Aquatic ecology - habitats and sampling locations  Vol 7 Figure 6.4.1  Terrestrial ecology - designated sites  Vol 7 Figure 6.4.1  Terrestrial ecology - Phase 1 Habitat Survey  Vol 7 Figure 6.4.2  Terrestrial ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 9.4.1  Socio-economics - context plan  Vol 7 Figure 11.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Open spaces  Vol 7 Figure 11.4.5  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Transport routes  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable  photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.4 Operational phase verifiable  photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable  photomontage  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Air quality and odour - annual mean NO2 Impact for peak construction year Air quality and odour - annual mean PM10 for 2010 baseline Vol 7 Figure 4.5.5 Air quality and odour - annual mean PM10 for peak construction year base case Vol 7 Figure 4.5.6 Air quality and odour - annual mean PM10 for peak construction year development case Air quality and odour - annual mean PM10 Impact for peak construction year development case Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year  Vol 7 Figure 4.5.7  Air quality and odour - annual mean PM10 Impact for peak construction year development case  Vol 7 Figure 4.5.7  Air quality and odour - annual mean PM10 Impact for peak construction year Vol 7 Figure 4.5.8  Aquatic ecology - habitats and sampling locations Vol 7 Figure 6.4.1  Terrestrial ecology - designated sites Vol 7 Figure 6.4.1  Terrestrial ecology - base 1 Habitat Survey Vol 7 Figure 6.4.2  Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4  Historic environment - historic environment features map Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.2  Noise and vibration - receptor locations Vol 7 Figure 9.4.1  Townscape and visual - Conservation areas Vol 7 Figure 9.4.1  Townscape and visual - Conservation areas Vol 7 Figure 11.4.1  Townscape and visual - Aerial photo showing pattern of vegetation Vol 7 Figure 11.4.2  Townscape and visual - Transport routes Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage Vol 7 Figure 11.6.2  To
Air quality and odour - annual mean PM10 for 2010 baseline  Air quality and odour - annual mean PM10 for peak construction year base case  Air quality and odour - annual mean PM10 for peak construction year development case  Air quality and odour - annual mean PM10 Impact for peak construction year development case  Vol 7 Figure 4.5.8  Ajuatic ecology - habitats and sampling locations  Vol 7 Figure 4.5.8  Aquatic ecology - designated sites  Vol 7 Figure 6.4.1  Terrestrial ecology - Phase 1 Habitat Survey  Vol 7 Figure 6.4.2  Terrestrial ecology - basit triggering (remote recording) survey  Vol 7 Figure 6.4.2  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 9.4.1  Noise and vibration - receptor locations  Socio-economics - context plan  Vol 7 Figure 10.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Transport routes  Vol 7 Figure 11.4.3  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network  Vol 7 Figure 12.4.1
Air quality and odour - annual mean PM10 for peak construction year base case  Air quality and odour - annual mean PM10 for peak construction year development case  Vol 7 Figure 4.5.7  Air quality and odour - annual mean PM10 Impact for peak construction year  Aquatic ecology - habitats and sampling locations  Vol 7 Figure 6.4.1  Terrestrial ecology - designated sites  Vol 7 Figure 6.4.1  Terrestrial ecology - Phase 1 Habitat Survey  Vol 7 Figure 6.4.2  Terrestrial ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.2  Noise and vibration - receptor locations  Vol 7 Figure 10.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Aerial photo showing pattern of vegetation  Vol 7 Figure 11.4.3  Townscape and visual - Transport routes  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
case Air quality and odour - annual mean PM10 for peak construction year development case Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year Vol 7 Figure 4.5.8 Aquatic ecology - habitats and sampling locations Vol 7 Figure 5.4.1 Terrestrial ecology - designated sites Vol 7 Figure 6.4.1 Terrestrial ecology - Phase 1 Habitat Survey Vol 7 Figure 6.4.2 Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3 Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4 Historic environment - historic environment features map Vol 7 Figure 7.4.1 Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.2 Noise and vibration - receptor locations Vol 7 Figure 9.4.1 Socio-economics - context plan Vol 7 Figure 10.4.1 Townscape and visual - Conservation areas Vol 7 Figure 11.4.1 Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.2 Townscape and visual - Aerial photo showing pattern of vegetation Vol 7 Figure 11.4.3 Townscape and visual - Transport routes Vol 7 Figure 11.4.5 Townscape and visual - Townscape character areas Vol 7 Figure 11.4.5 Townscape and visual - Viewpoints Vol 7 Figure 11.4.6 Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage Vol 7 Figure 11.6.1 Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3 Construction Traffic Routes Vol 7 Figure 12.4.1 Pedestrian and Cycle Network Vol 7 Figure 12.4.2
Air quality and odour - annual mean PM10 for peak construction year development case  Air quality and odour - annual mean PM10 Impact for peak construction year  Air quality and odour - annual mean PM10 Impact for peak construction year  Vol 7 Figure 4.5.8  Aquatic ecology - habitats and sampling locations  Vol 7 Figure 5.4.1  Terrestrial ecology - designated sites  Vol 7 Figure 6.4.2  Terrestrial ecology - Phase 1 Habitat Survey  Vol 7 Figure 6.4.2  Terrestrial ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.2  Noise and vibration - receptor locations  Vol 7 Figure 9.4.1  Socio-economics - context plan  Vol 7 Figure 10.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Open spaces  Vol 7 Figure 11.4.3  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.5  Townscape and visual - Tionsport routes  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.2
development case Air quality and odour - annual mean PM10 Impact for peak construction year Air quality and odour - annual mean PM10 Impact for peak construction year Aquatic ecology - habitats and sampling locations Vol 7 Figure 5.4.1 Terrestrial ecology - designated sites Vol 7 Figure 6.4.2 Terrestrial ecology - Phase 1 Habitat Survey Vol 7 Figure 6.4.2 Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3 Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4 Historic environment - historic environment features map Vol 7 Figure 7.4.1 Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.2 Noise and vibration - receptor locations Vol 7 Figure 9.4.1 Socio-economics - context plan Vol 7 Figure 10.4.1 Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.2 Townscape and visual - Aerial photo showing pattern of vegetation Vol 7 Figure 11.4.2 Townscape and visual - Open spaces Vol 7 Figure 11.4.3 Townscape and visual - Transport routes Vol 7 Figure 11.4.5 Townscape and visual - Townscape character areas Vol 7 Figure 11.4.5 Townscape and visual - Viewpoints Vol 7 Figure 11.4.6 Townscape and visual - Viewpoints Vol 7 Figure 11.4.7 Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage Vol 7 Figure 11.6.2 Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3 Construction Traffic Routes Vol 7 Figure 12.2.1 Site Location Plan Vol 7 Figure 12.4.2
Air quality and odour - annual mean PM10 Impact for peak construction year  Aquatic ecology - habitats and sampling locations  Yol 7 Figure 5.4.1  Terrestrial ecology - designated sites  Vol 7 Figure 6.4.2  Terrestrial ecology - Phase 1 Habitat Survey  Terrestrial ecology - bat triggering (remote recording) survey  Vol 7 Figure 6.4.2  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.3  Terrestrial ecology - wintering birds survey  Vol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 9.4.1  Socio-economics - context plan  Vol 7 Figure 9.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 10.4.1  Townscape and visual - Development pattern and scale  Vol 7 Figure 11.4.2  Townscape and visual - Aerial photo showing pattern of vegetation  Vol 7 Figure 11.4.2  Townscape and visual - Open spaces  Vol 7 Figure 11.4.4  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Aquatic ecology - habitats and sampling locations Terrestrial ecology - designated sites Vol 7 Figure 6.4.1 Terrestrial ecology - Phase 1 Habitat Survey Vol 7 Figure 6.4.2 Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3 Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4 Historic environment - historic environment features map Vol 7 Figure 7.4.1 Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.2 Noise and vibration - receptor locations Vol 7 Figure 9.4.1 Socio-economics - context plan Vol 7 Figure 10.4.1 Townscape and visual - Conservation areas Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.2 Townscape and visual - Aerial photo showing pattern of vegetation Vol 7 Figure 11.4.3 Townscape and visual - Open spaces Vol 7 Figure 11.4.4 Townscape and visual - Transport routes Vol 7 Figure 11.4.5 Townscape and visual - Viewpoints Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage Vol 7 Figure 11.6.1 Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage Vol 7 Figure 11.6.2 Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3 Construction Traffic Routes Vol 7 Figure 12.4.1 Pedestrian and Cycle Network
Terrestrial ecology - designated sites Terrestrial ecology - Phase 1 Habitat Survey Vol 7 Figure 6.4.2 Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3 Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4 Historic environment - historic environment features map Vol 7 Figure 7.4.1 Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.2 Noise and vibration - receptor locations Vol 7 Figure 9.4.1 Socio-economics - context plan Vol 7 Figure 10.4.1 Townscape and visual - Conservation areas Vol 7 Figure 11.4.1 Townscape and visual - Development pattern and scale Townscape and visual - Development pattern of vegetation Vol 7 Figure 11.4.2 Townscape and visual - Open spaces Vol 7 Figure 11.4.3 Townscape and visual - Transport routes Vol 7 Figure 11.4.5 Townscape and visual - Twenscape character areas Vol 7 Figure 11.4.5 Townscape and visual - Viewpoints Vol 7 Figure 11.4.6 Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3 Construction Traffic Routes Vol 7 Figure 12.2.1 Site Location Plan Vol 7 Figure 12.4.1 Pedestrian and Cycle Network
Terrestrial ecology - Phase 1 Habitat Survey Terrestrial ecology - bat triggering (remote recording) survey Vol 7 Figure 6.4.3 Terrestrial ecology - wintering birds survey Vol 7 Figure 6.4.4 Historic environment - historic environment features map Vol 7 Figure 7.4.1 Historic environment - historic character and setting of heritage assets Vol 7 Figure 7.4.1 Noise and vibration - receptor locations Vol 7 Figure 9.4.1 Socio-economics - context plan Vol 7 Figure 10.4.1 Townscape and visual - Conservation areas Vol 7 Figure 11.4.1 Townscape and visual - Development pattern and scale Vol 7 Figure 11.4.2 Townscape and visual - Aerial photo showing pattern of vegetation Vol 7 Figure 11.4.3 Townscape and visual - Transport routes Vol 7 Figure 11.4.5 Townscape and visual - Trownscape character areas Vol 7 Figure 11.4.5 Townscape and visual - Viewpoints Vol 7 Figure 11.4.6 Townscape and visual - Viewpoints Vol 7 Figure 11.4.7 Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage Vol 7 Figure 11.6.1 Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.2 Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3 Construction Traffic Routes Vol 7 Figure 12.2.1 Site Location Plan Vol 7 Figure 12.4.2
Terrestrial ecology - bat triggering (remote recording) survey  Terrestrial ecology - wintering birds survey  Wol 7 Figure 6.4.4  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.2  Noise and vibration - receptor locations  Vol 7 Figure 9.4.1  Socio-economics - context plan  Townscape and visual - Conservation areas  Townscape and visual - Development pattern and scale  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Vol 7 Figure 11.4.3  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.7  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.2
Terrestrial ecology - wintering birds survey  Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.2  Noise and vibration - receptor locations  Vol 7 Figure 9.4.1  Socio-economics - context plan  Vol 7 Figure 10.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Vol 7 Figure 11.4.2  Townscape and visual - Open spaces  Vol 7 Figure 11.4.4  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.7  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1
Historic environment - historic environment features map  Vol 7 Figure 7.4.1  Historic environment - historic character and setting of heritage assets  Vol 7 Figure 7.4.2  Noise and vibration - receptor locations  Vol 7 Figure 9.4.1  Socio-economics - context plan  Vol 7 Figure 10.4.1  Townscape and visual - Conservation areas  Vol 7 Figure 11.4.1  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Vol 7 Figure 11.4.2  Townscape and visual - Open spaces  Vol 7 Figure 11.4.4  Townscape and visual - Transport routes  Vol 7 Figure 11.4.5  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.7  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and Visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and Visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.2
Historic environment - historic character and setting of heritage assets  Noise and vibration - receptor locations  Vol 7 Figure 9.4.1  Socio-economics - context plan  Townscape and visual - Conservation areas  Vol 7 Figure 10.4.1  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Vol 7 Figure 11.4.3  Townscape and visual - Transport routes  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.5  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.2
Noise and vibration - receptor locations  Socio-economics - context plan  Townscape and visual - Conservation areas  Townscape and visual - Development pattern and scale  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Townscape and visual - Transport routes  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Construction Traffic Routes  Vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1
Socio-economics - context plan  Townscape and visual - Conservation areas  Vol 7 Figure 10.4.1  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Vol 7 Figure 11.4.3  Townscape and visual - Open spaces  Vol 7 Figure 11.4.5  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Vol 7 Figure 11.4.6  Townscape and visual - Viewpoints  Vol 7 Figure 11.4.7  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Vol 7 Figure 11.6.1  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.2
Townscape and visual - Conservation areas  Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Townscape and visual - Transport routes  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 11.6.3  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 12.2.1  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 12.2.1  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 12.2.1  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 12.2.1
Townscape and visual - Development pattern and scale  Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Townscape and visual - Transport routes  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Townscape and visual - Aerial photo showing pattern of vegetation  Townscape and visual - Open spaces  Townscape and visual - Transport routes  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Townscape and visual - Open spaces  Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Construction Traffic Routes  Site Location Plan  Vol 7 Figure 11.4.4  Vol 7 Figure 11.4.5  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Townscape and visual - Transport routes  Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Townscape and visual - Townscape character areas  Townscape and visual - Viewpoints  Townscape and visual - Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual - Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
Townscape and visual – Viewpoints  Townscape and visual – Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage  Construction Traffic Routes  Site Location Plan  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Vol 7 Figure 12.4.1  Vol 7 Figure 12.4.2
Townscape and visual – Viewpoint 2.1 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.2  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network
photomontage Vol 7 Figure 11.6.1  Townscape and visual – Viewpoint 2.4 Operational phase verifiable photomontage Vol 7 Figure 11.6.2  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3  Construction Traffic Routes Vol 7 Figure 12.2.1  Site Location Plan Vol 7 Figure 12.4.1  Pedestrian and Cycle Network Vol 7 Figure 12.4.2
Townscape and visual – Viewpoint 2.4 Operational phase verifiable photomontage  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage  Vol 7 Figure 11.6.3  Vol 7 Figure 11.6.3  Construction Traffic Routes  Vol 7 Figure 12.2.1  Site Location Plan  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network  Vol 7 Figure 12.4.2
photomontage Vol 7 Figure 11.6.2  Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage Vol 7 Figure 11.6.3  Construction Traffic Routes Vol 7 Figure 12.2.1  Site Location Plan Vol 7 Figure 12.4.1  Pedestrian and Cycle Network Vol 7 Figure 12.4.2
Townscape and visual – Viewpoint 2.7 Operational phase verifiable photomontage  Construction Traffic Routes  Vol 7 Figure 11.6.3  Vol 7 Figure 12.2.1  Vol 7 Figure 12.4.1  Pedestrian and Cycle Network  Vol 7 Figure 12.4.2
photomontageVol 7 Figure 11.6.3Construction Traffic RoutesVol 7 Figure 12.2.1Site Location PlanVol 7 Figure 12.4.1Pedestrian and Cycle NetworkVol 7 Figure 12.4.2
Site Location PlanVol 7 Figure 12.4.1Pedestrian and Cycle NetworkVol 7 Figure 12.4.2
Site Location PlanVol 7 Figure 12.4.1Pedestrian and Cycle NetworkVol 7 Figure 12.4.2
Pedestrian and Cycle Network Vol 7 Figure 12.4.2
i ubilo transport   voi i riguio 12.4.5
Parking Vol 7 Figure 12.4.4
Survey Locations Vol 7 Figure 12.4.5
Baseline, Construction and Development case traffic flow (AM peak hour) Vol 7 Figure 12.4.6
Baseline, Construction and Development case traffic flow (PM peak hour) Vol 7 Figure 12.4.7
Water resources - groundwater - superficial geology Vol 7 Figure 13.4.1
Water resources - groundwater - solid geology Vol 7 Figure 13.4.2
Water resources - groundwater - monitoring locations  Vol 7 Figure 13.4.3
Water resources - surface water - water quality monitoring points  Vol 7 Figure 14.4.1
Flood risk – EA flood zones Vol 7 Figure 15.3.1
Land quality - potentially contaminating land-uses Vol 7 Figure F.1.1
Land quality - borehole locations  Vol 7 Figure F.1.2

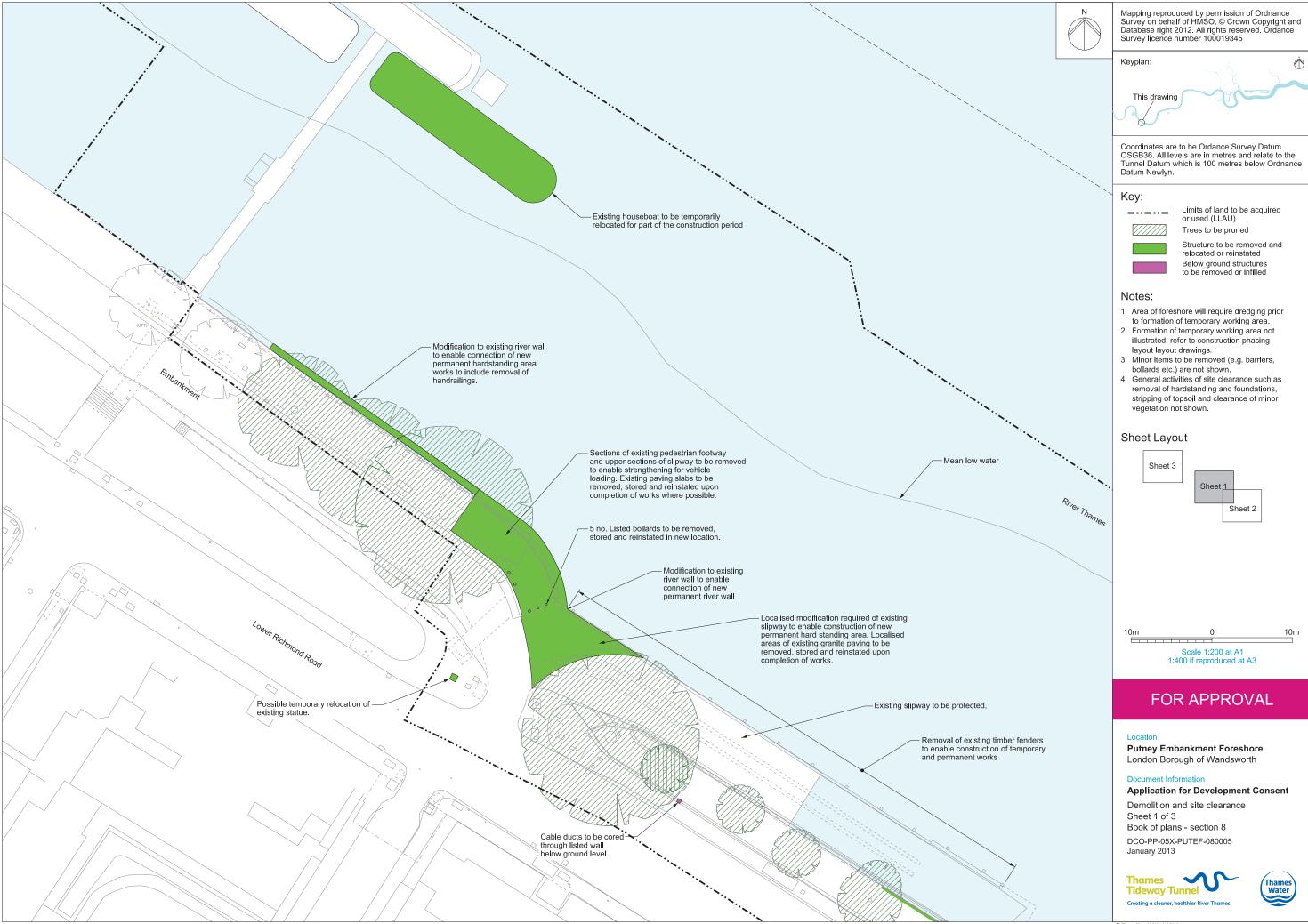
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Noise and vibration - noise survey locations	Vol 7 Figure G.1.
Socio-economics - usage survey plan	Vol 7 Figure H.1.

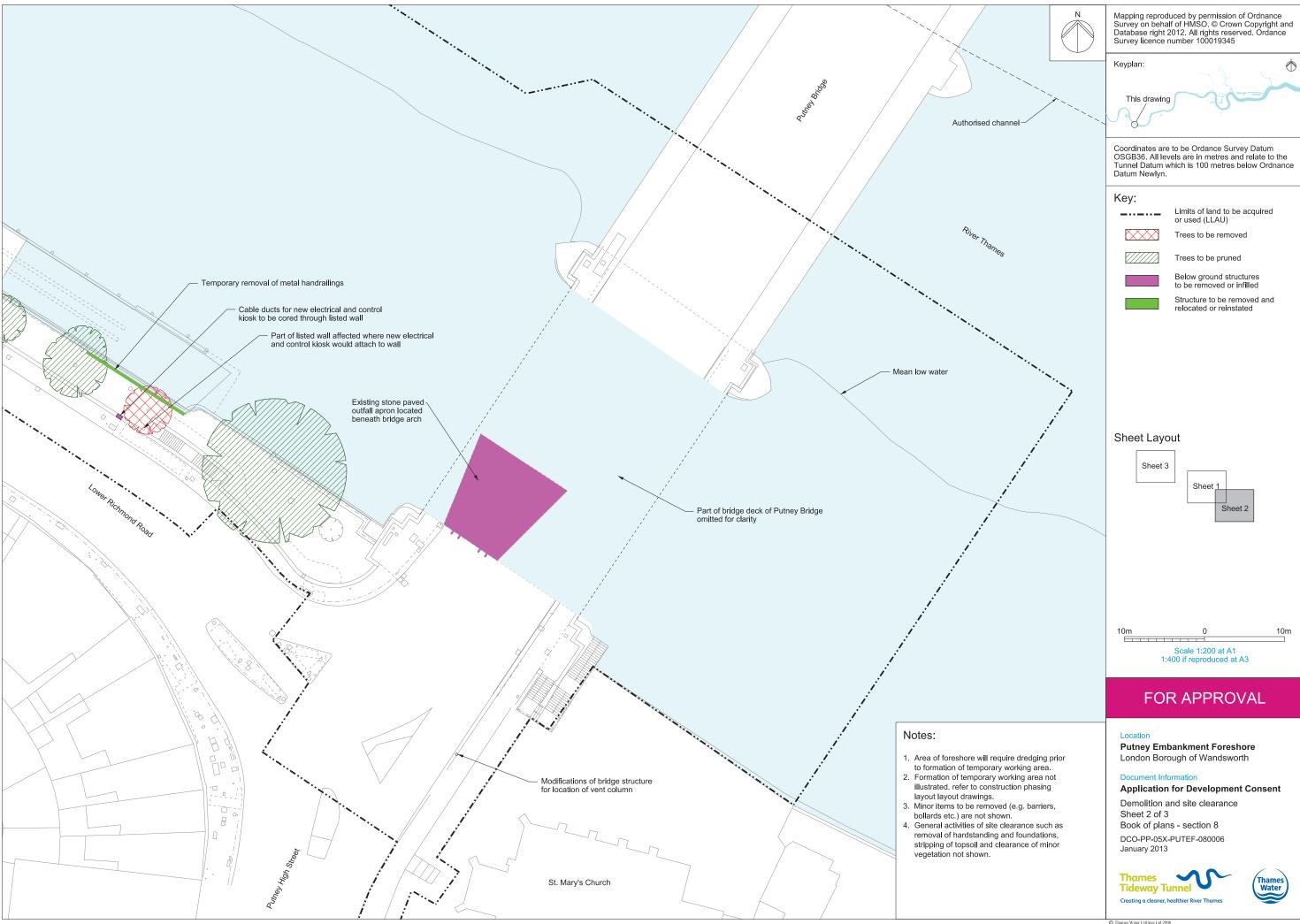
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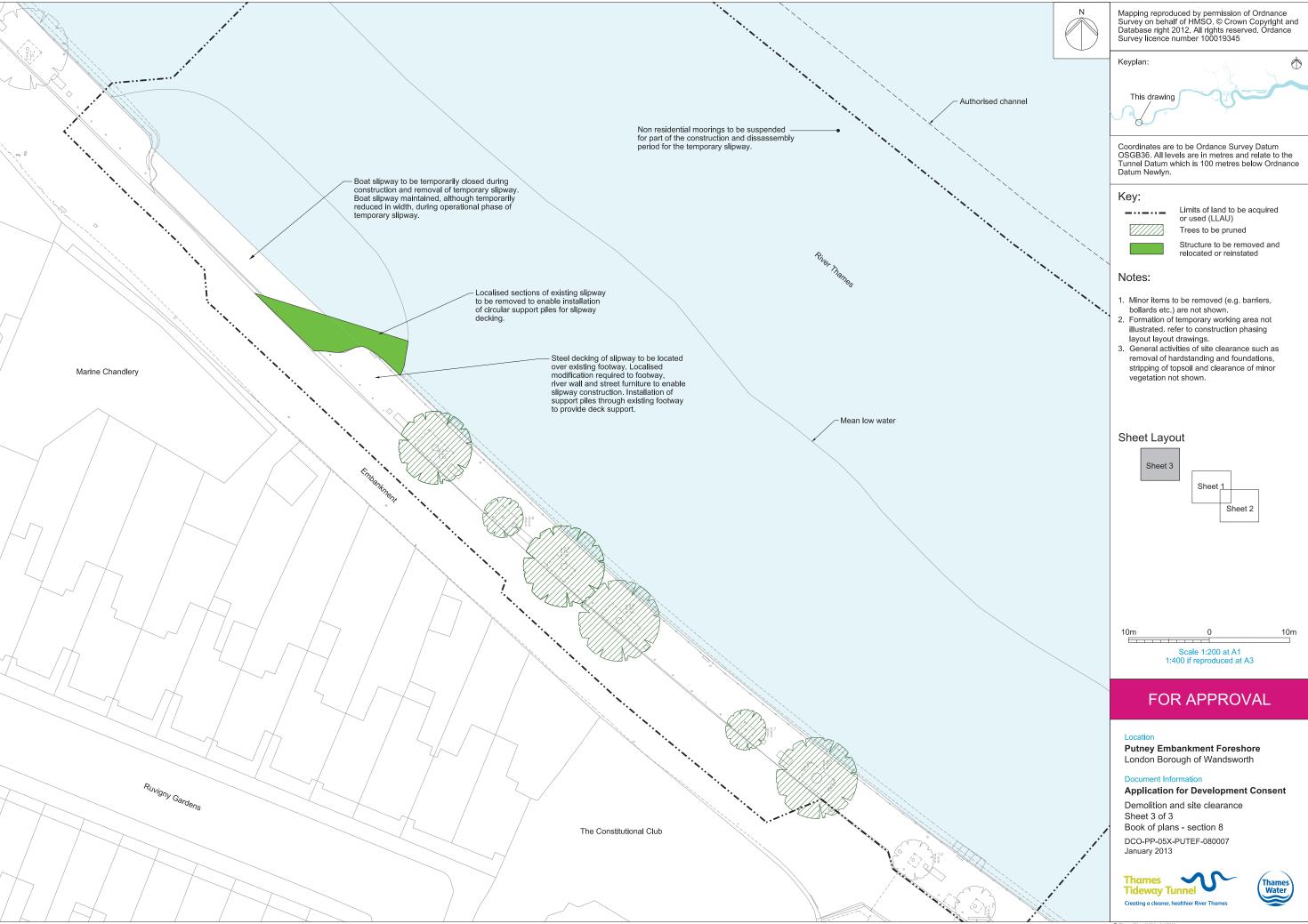
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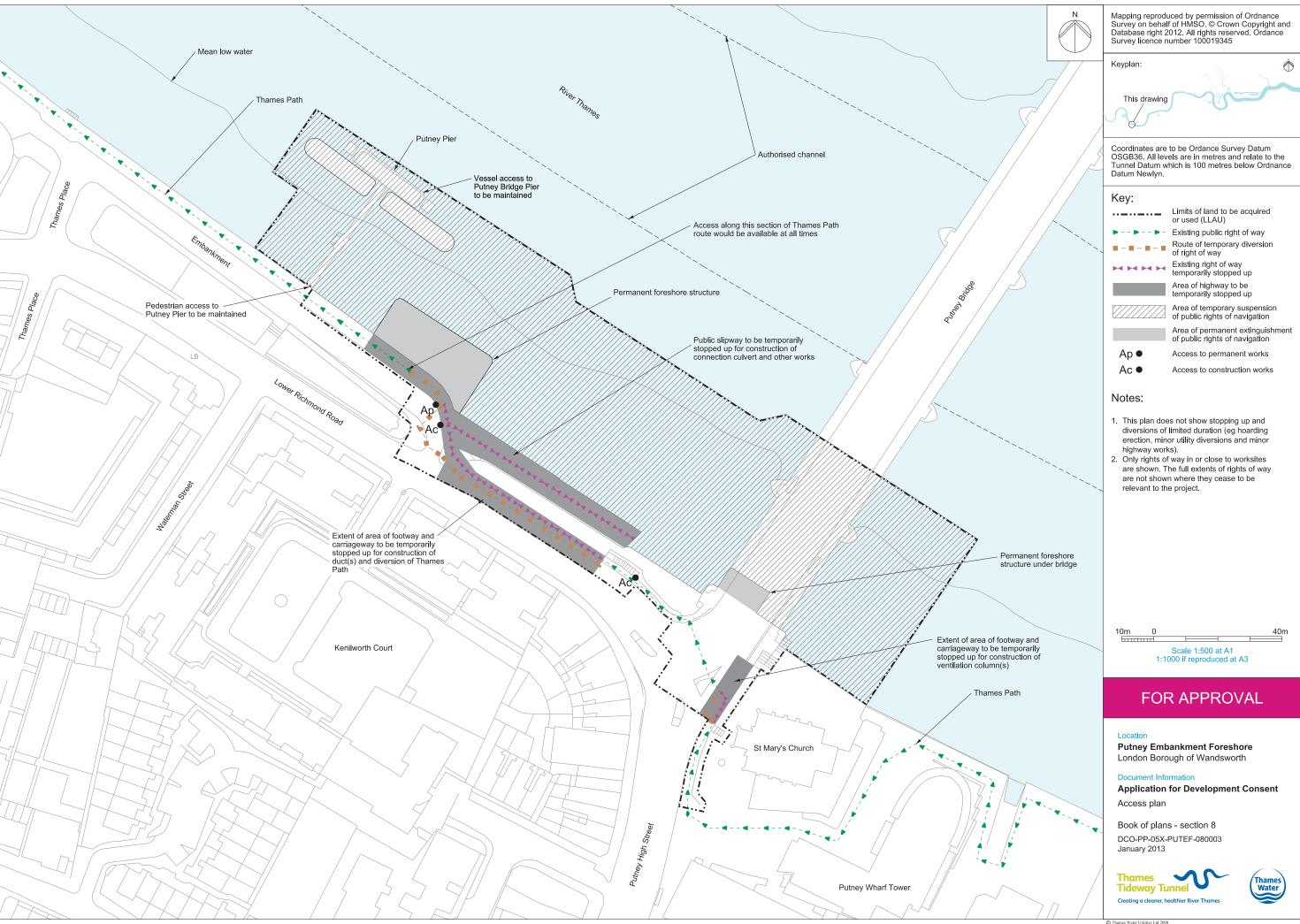
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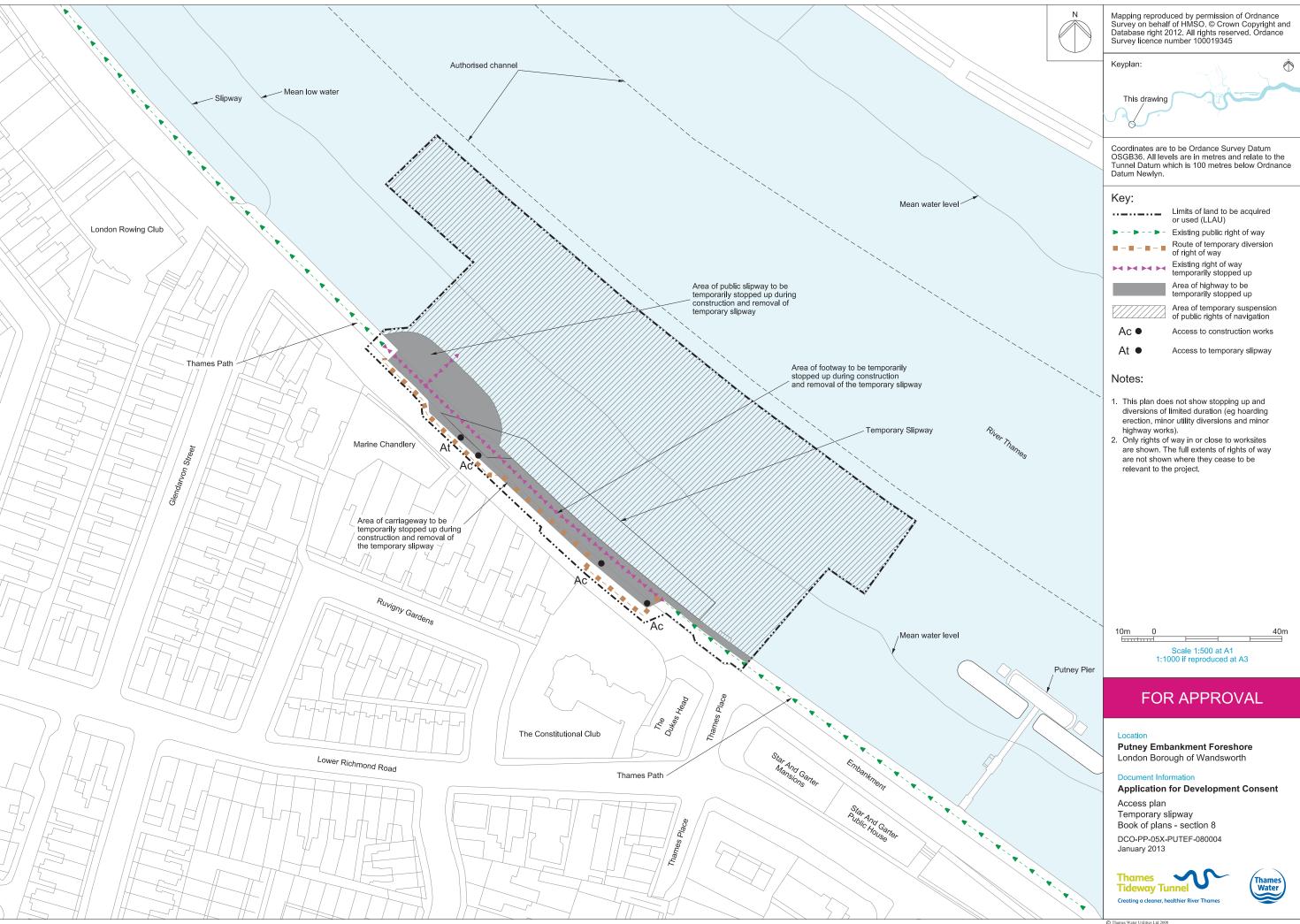


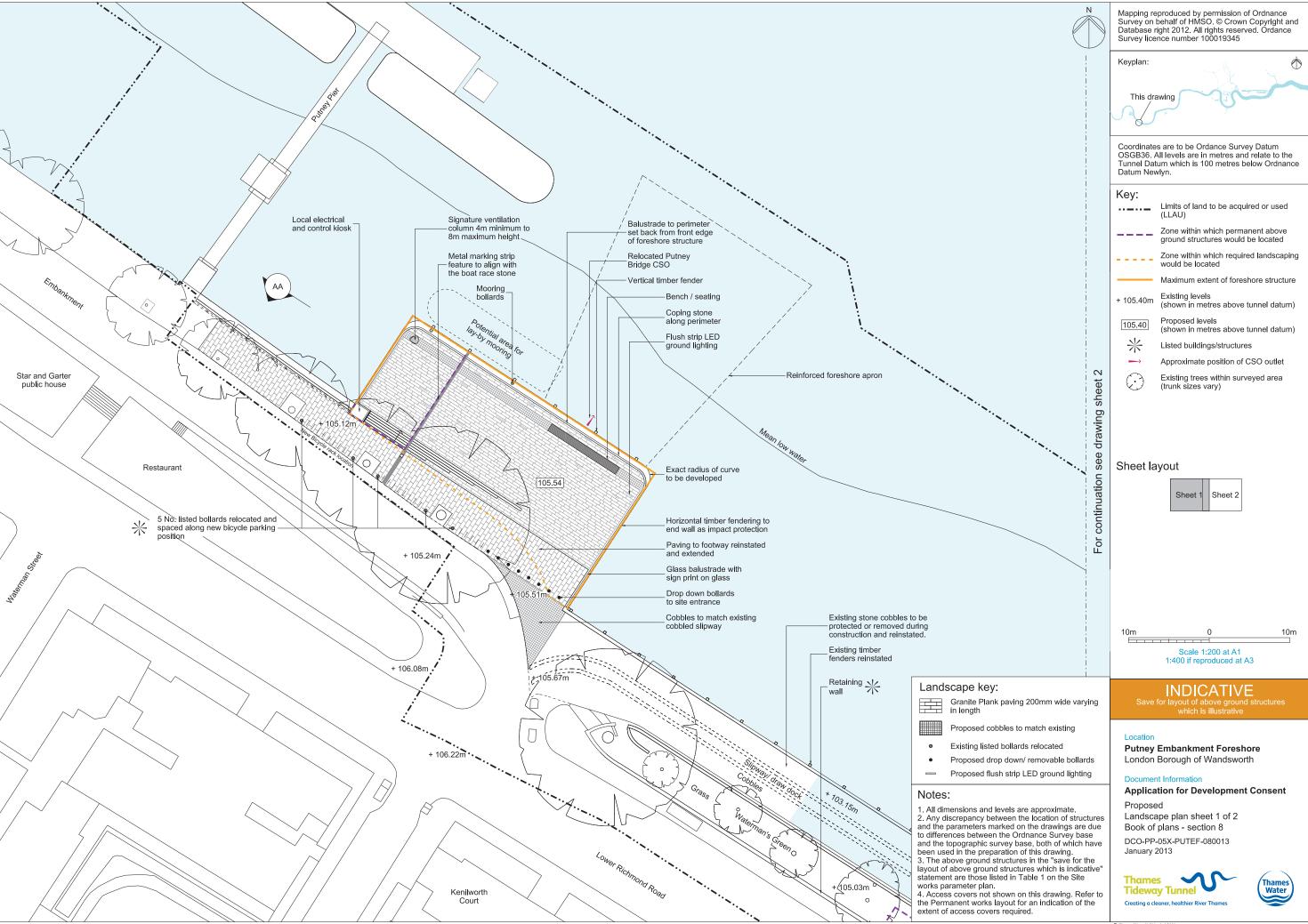


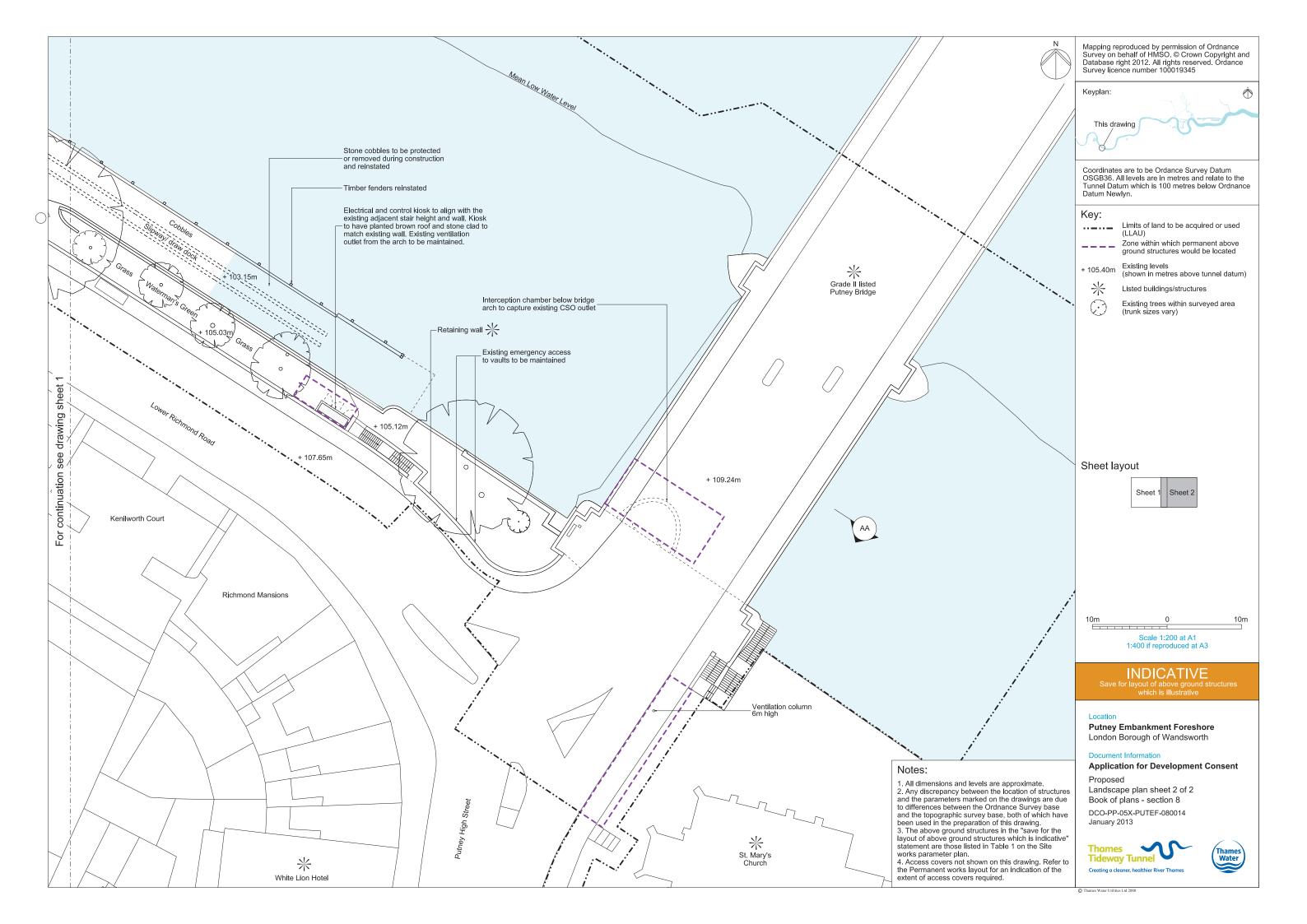


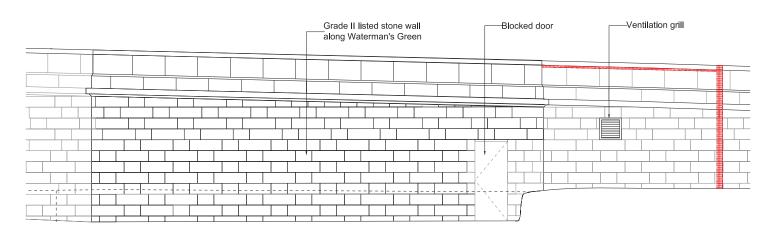




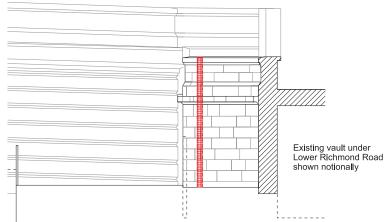








As Existing: Waterman's Green wall elevation showing extent of loss



As Existing: Waterman's Green side elevation

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Keyplan:
This drawing

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

### Key:

Maxi listed

Maximum permanent extent of loss of listed buildings / structures

#### Notes:

All dimensions and levels are approximate.
 Drawing is based on as-constructed drawings and topographical survey and not on heritage survey.



# FOR INFORMATION Save for maximum extent of loss of listed structure which is for approval

#### milon is ist approval

#### Location

Putney Embankment Foreshore London Borough of Wandsworth

#### Document Information

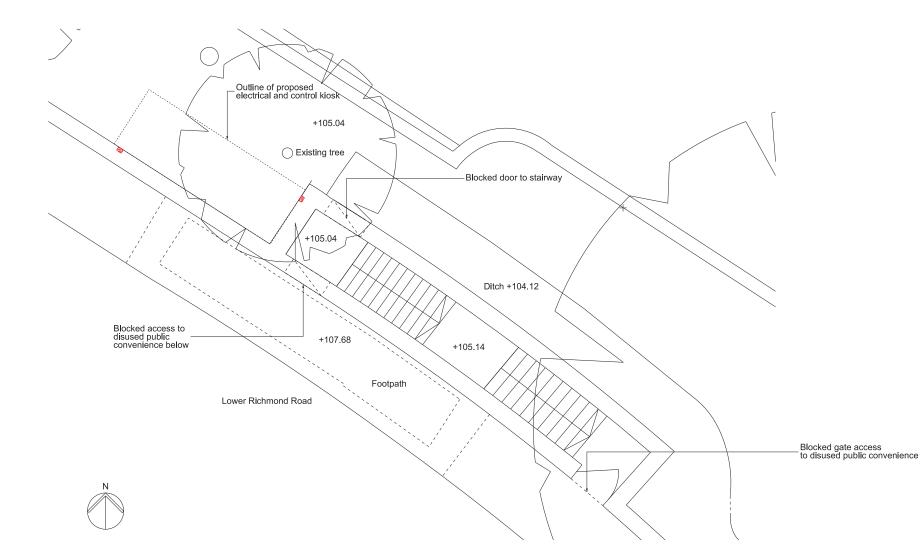
#### Application for Development Consent

As existing listed structure interface - Kiosk

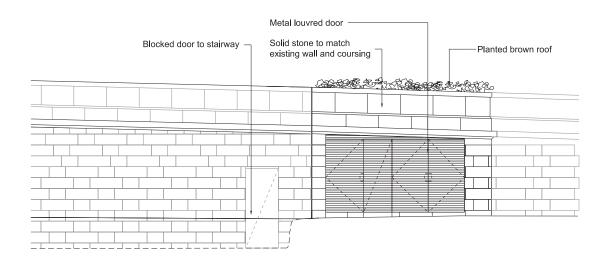
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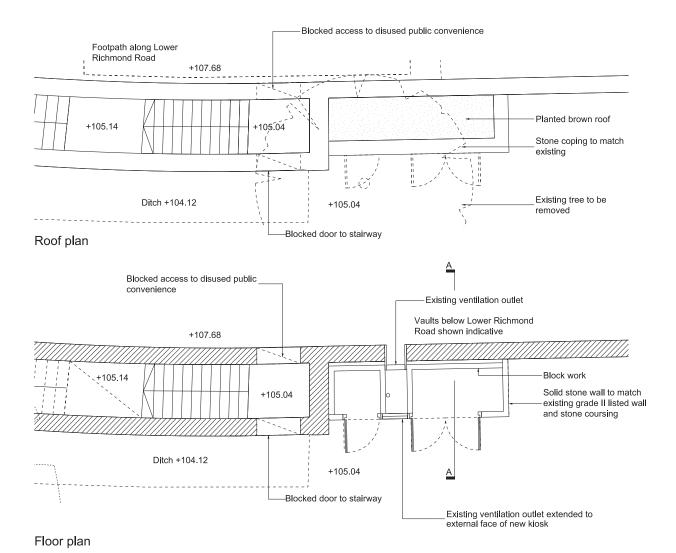


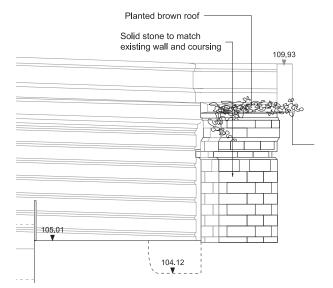


As Existing: Waterman's Green plan showing extent of loss

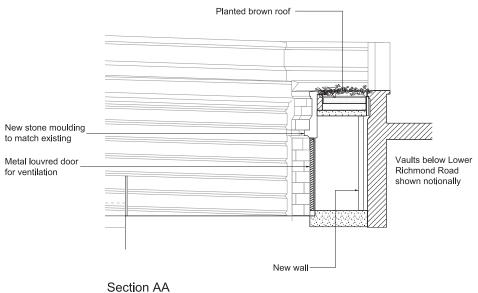


#### Front wall elevation





Side elevation



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 Drawing is based on as-constructed drawings and topographical survey and not on heritage survey.

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Scale 1:50 at A1

1:100 if reproduced at A3

#### INDICATIVE

#### Locat

Putney Embankment Foreshore London Borough of Wandsworth

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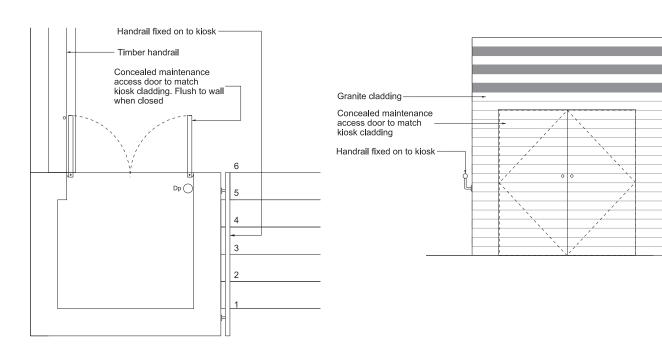
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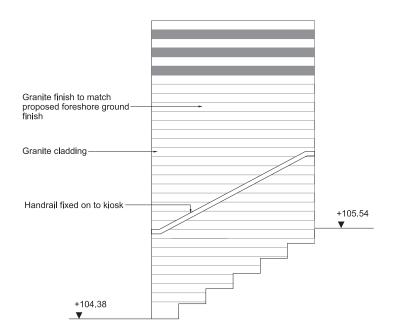
Proposed listed structure interface -Kiosk

Book of plans - section 8 DCO-PP-05X-PUTEF-080025 January 2013

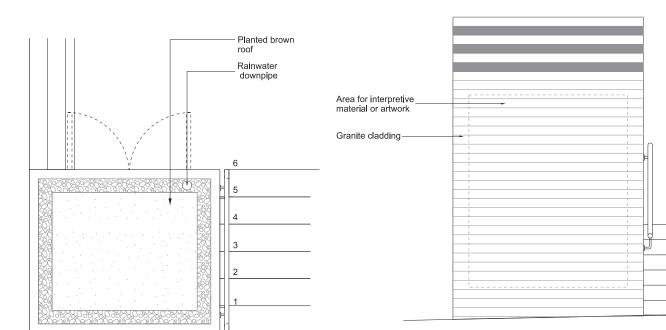








Plan North elevation East elevation



Roof plan

South elevation West elevation

Granite cladding-

Foreshore wall-

Balustrade -

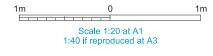
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Keyplan:

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

#### Notes:

All dimensions and levels are approximate.



### **INDICATIVE**

#### Locatio

Putney Embankment Foreshore London Borough of Wandsworth

#### Document Information

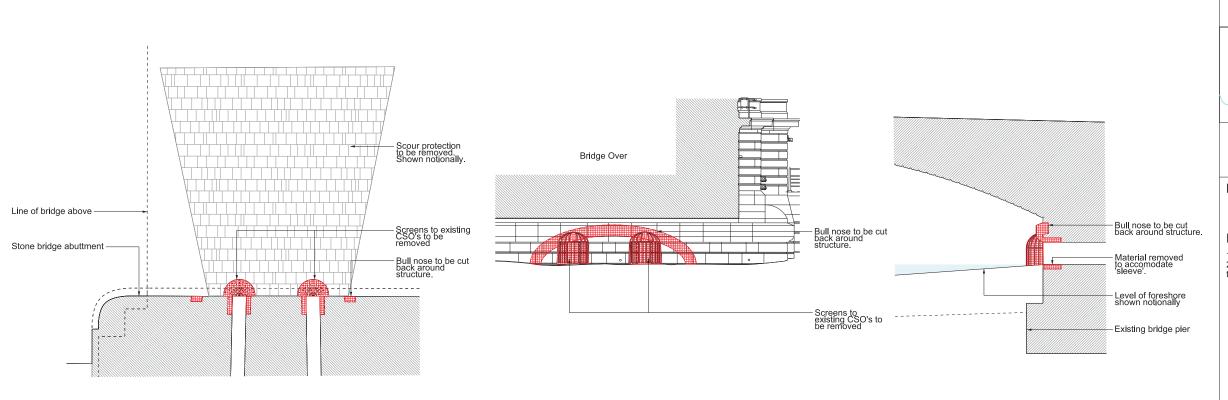
Application for Development Consent

Foreshore kiosk design intent

Book of plans - section 8 DCO-PP-05X-PUTEF-080026 January 2013







As Existing Front Elevation

As Existing Plan

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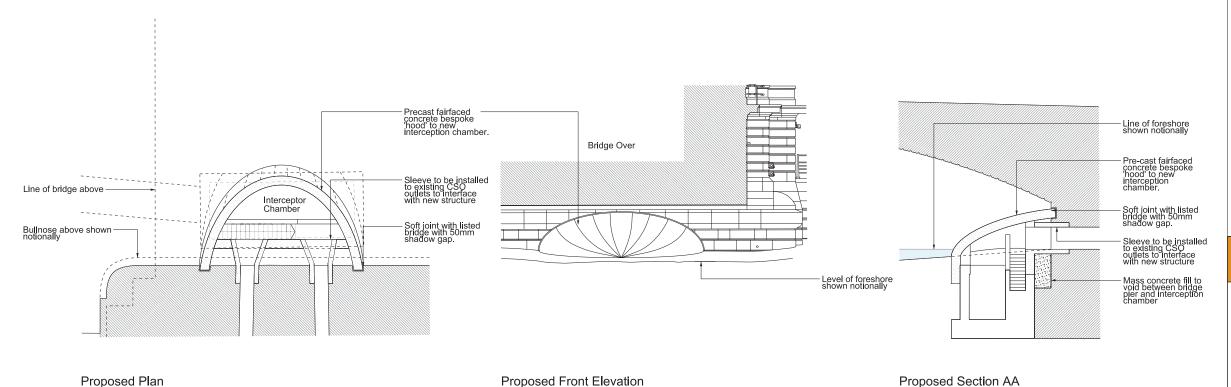
### Key:

As Existing Section AA

Maximum permanent extent of loss of listed buildings / structures

#### Notes:

All dimensions and levels are approximate.
 Drawing is based on as-constructed drawings and topographical survey and not on heritage survey.



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# INDICATIVE

**Putney Embankment Foreshore** London Borough of Wandsworth

#### Document Information

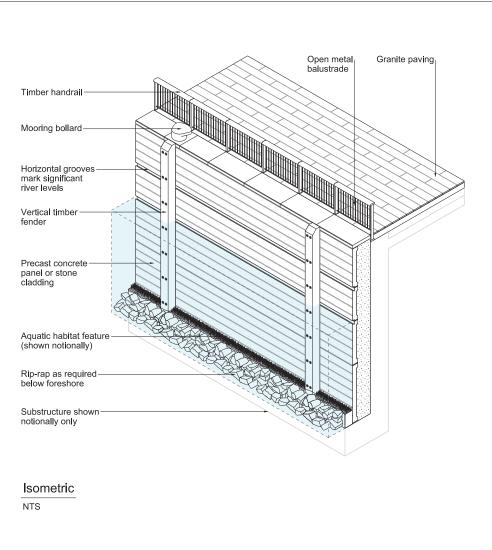
#### **Application for Development Consent**

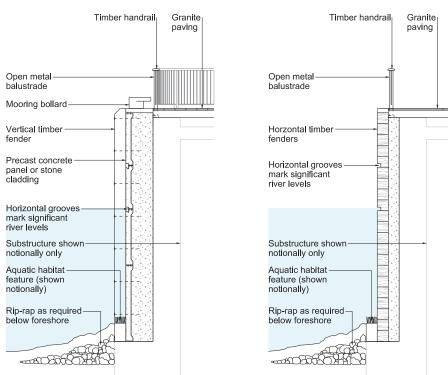
Proposed listed structure interface -Interception chamber Book of plans - section 8 DCO-PP-05X-PUTEF-080027 January 2013

**Tideway Tunnel** 



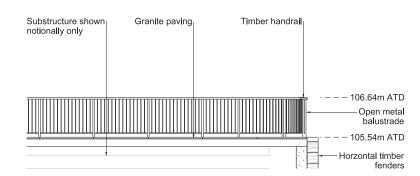






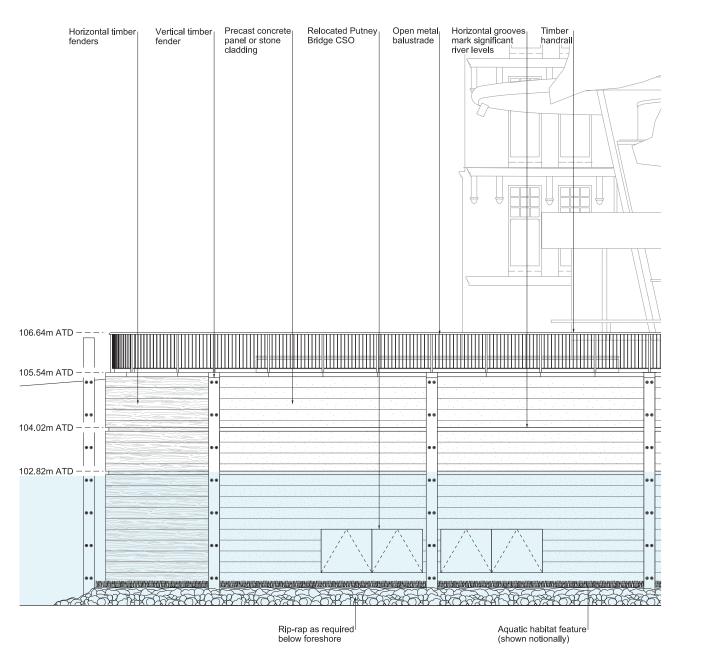
Section CC
Scale 1:50

Section DD
Scale 1:50



#### South elevation

Scale 1:50



North elevation
Scale 1:50

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 $\bigcirc$ 

Keyplan:

This drawing

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#### Notes:

1. All dimensions and levels are approximate.

Scale 1:50 at A1
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### **INDICATIVE**

#### Location

Putney Embankment Foreshore London Borough of Wandsworth

#### Document Information

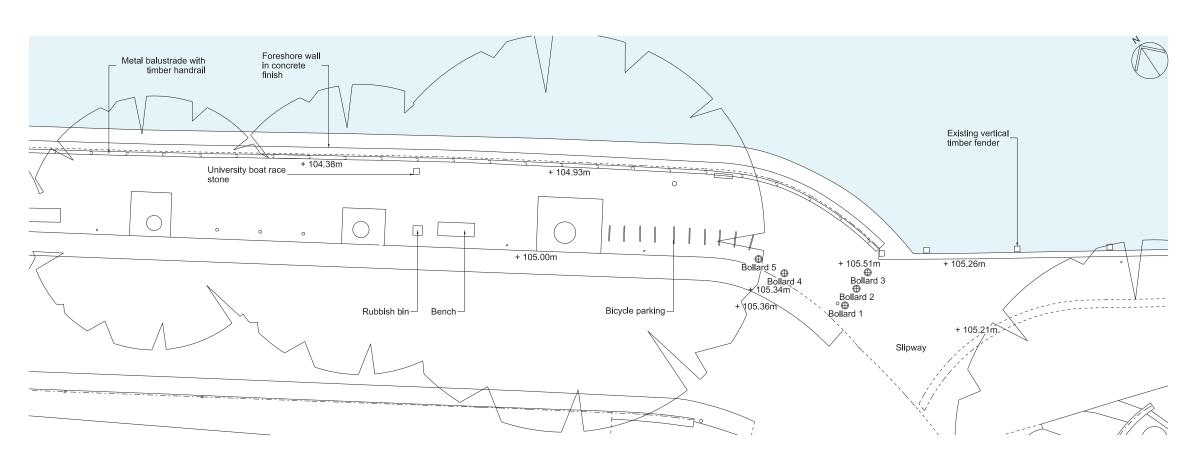
#### **Application for Development Consent**

Typical river wall design intent

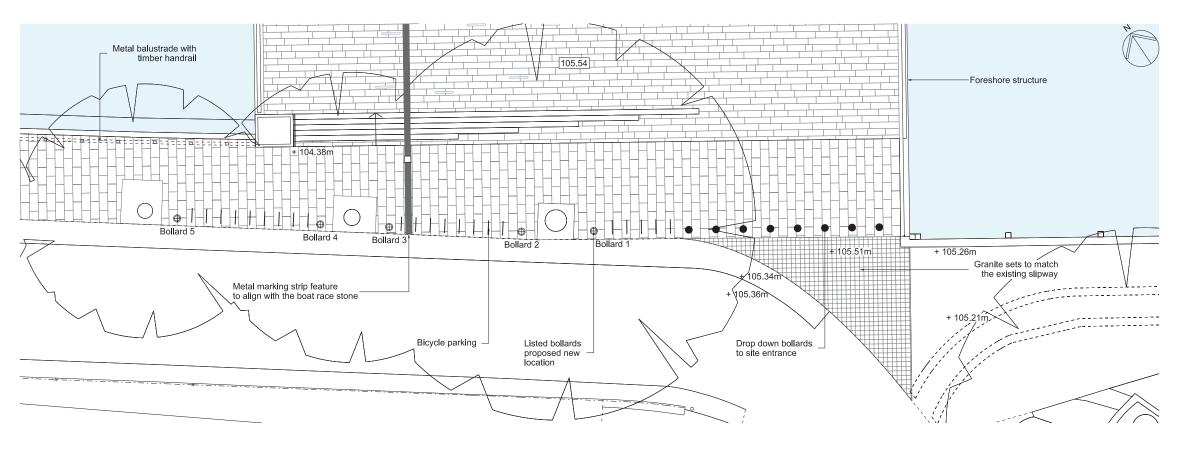
Book of plans - section 8 DCO-PP-05X-PUTEF-080028 January 2013







As existing bollard location



Proposed bollard relocation

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Keyplan:

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#### Notes:

All dimensions and levels are approximate.
 Any discrepancy between the location of structures and the parameters marked on the drawings are due to differences between the Ordnance Survey base and the topographic survey base, both of which have been used in the preparation of this drawing.
 Drawing is based on as-constructed drawings and topographical survey and not on heritage survey.



### **ILLUSTRATIVE**

#### Locat

Putney Embankment Foreshore London Borough of Wandsworth

#### Document Information

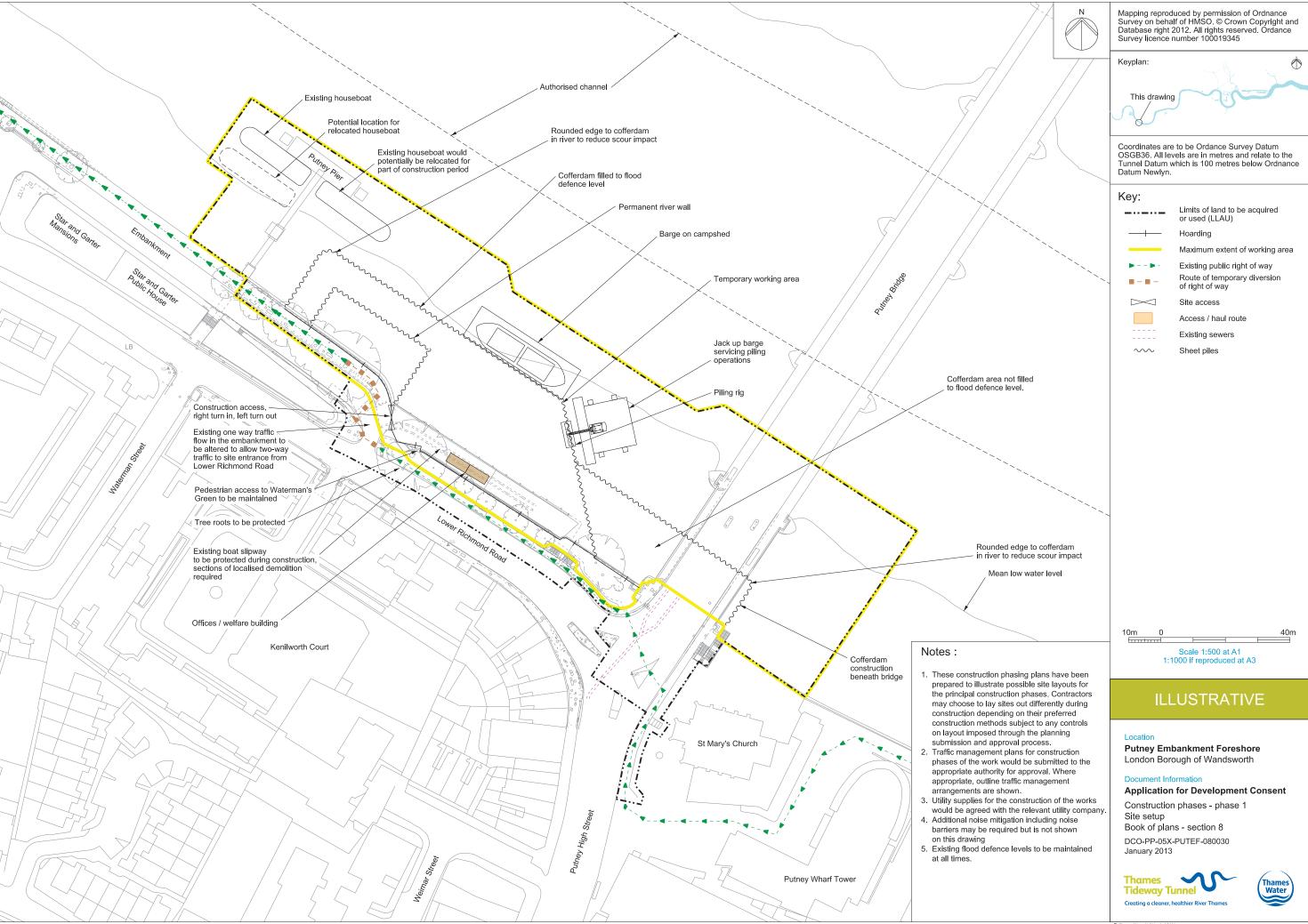
#### Application for Development Consent

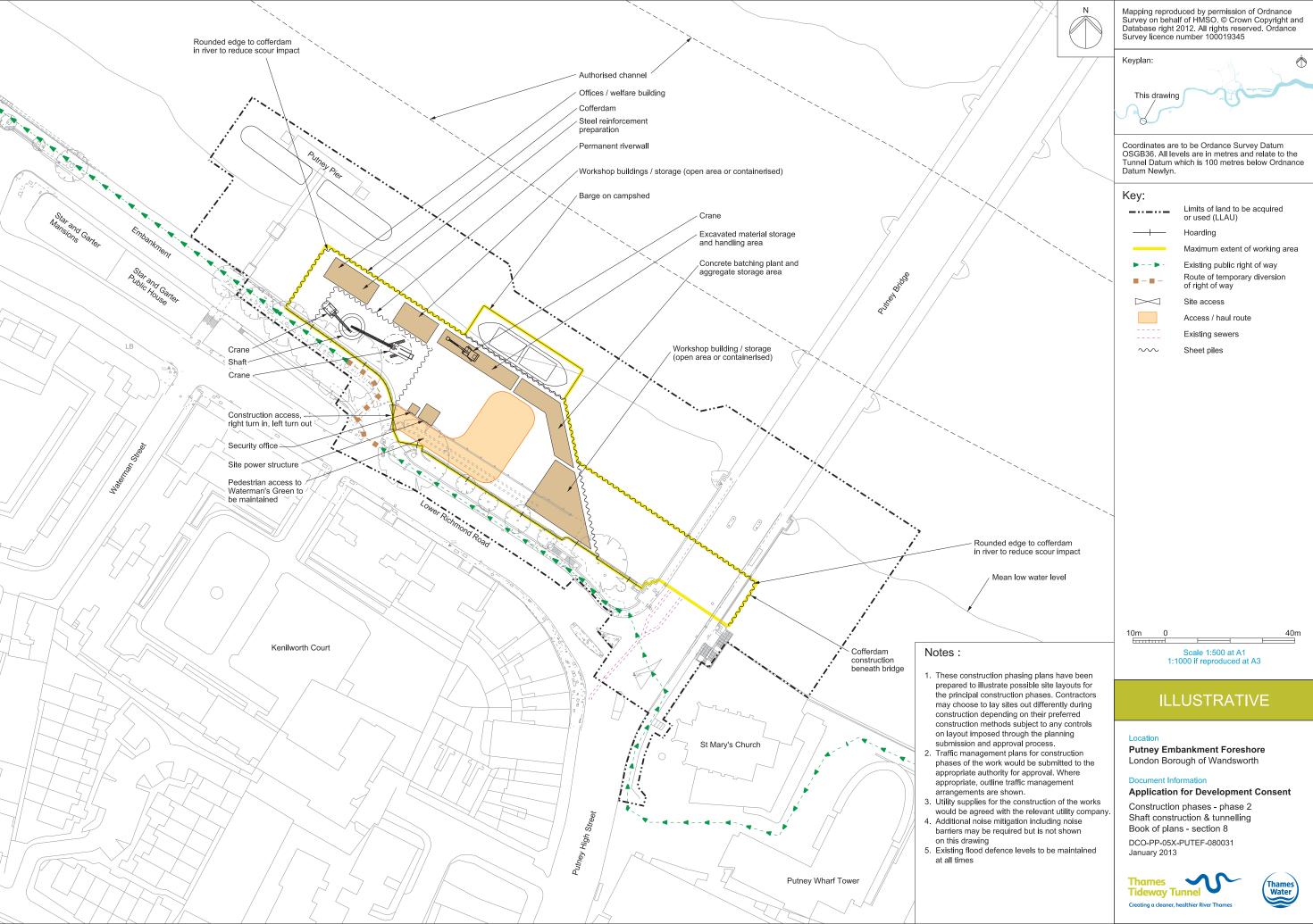
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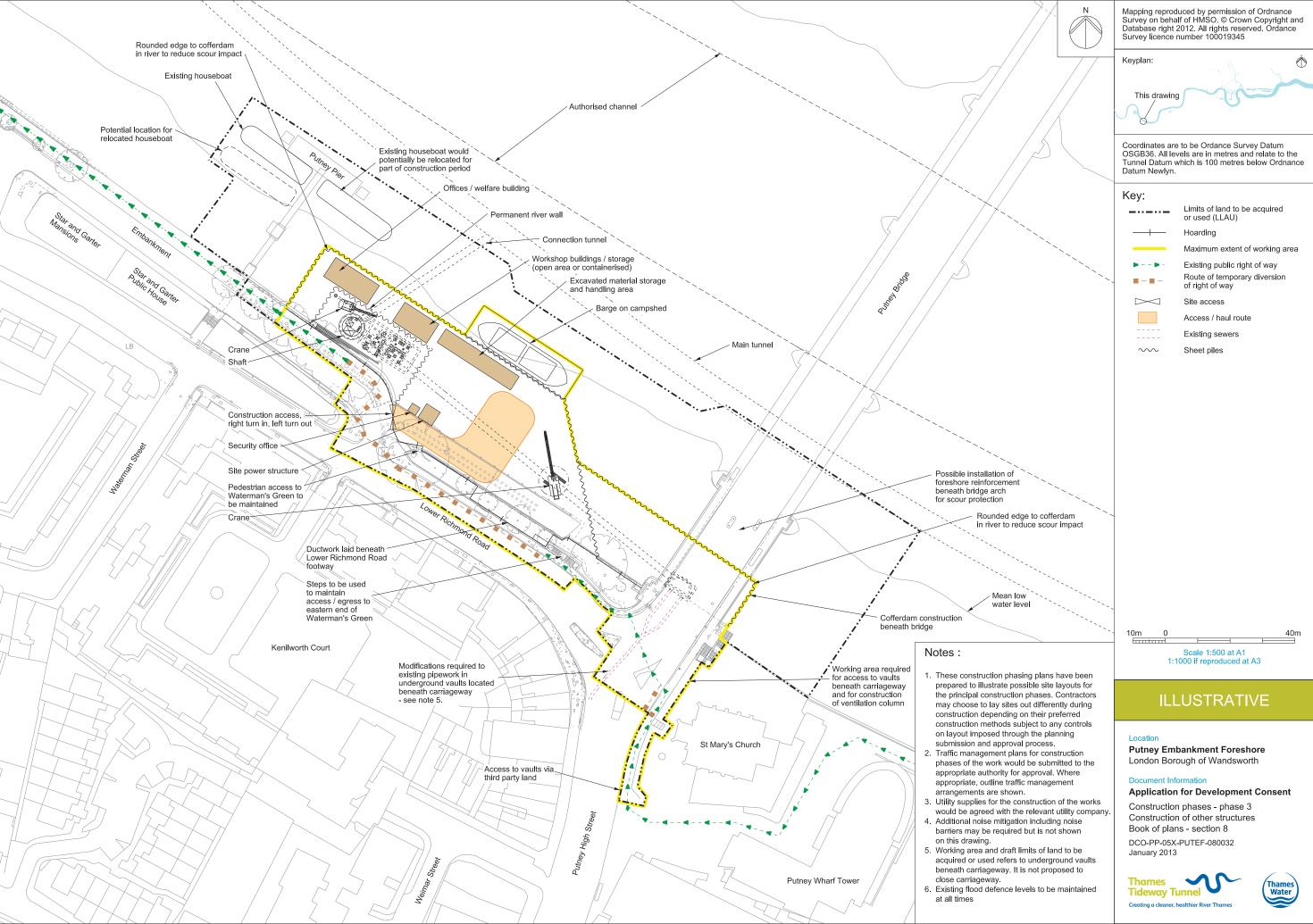


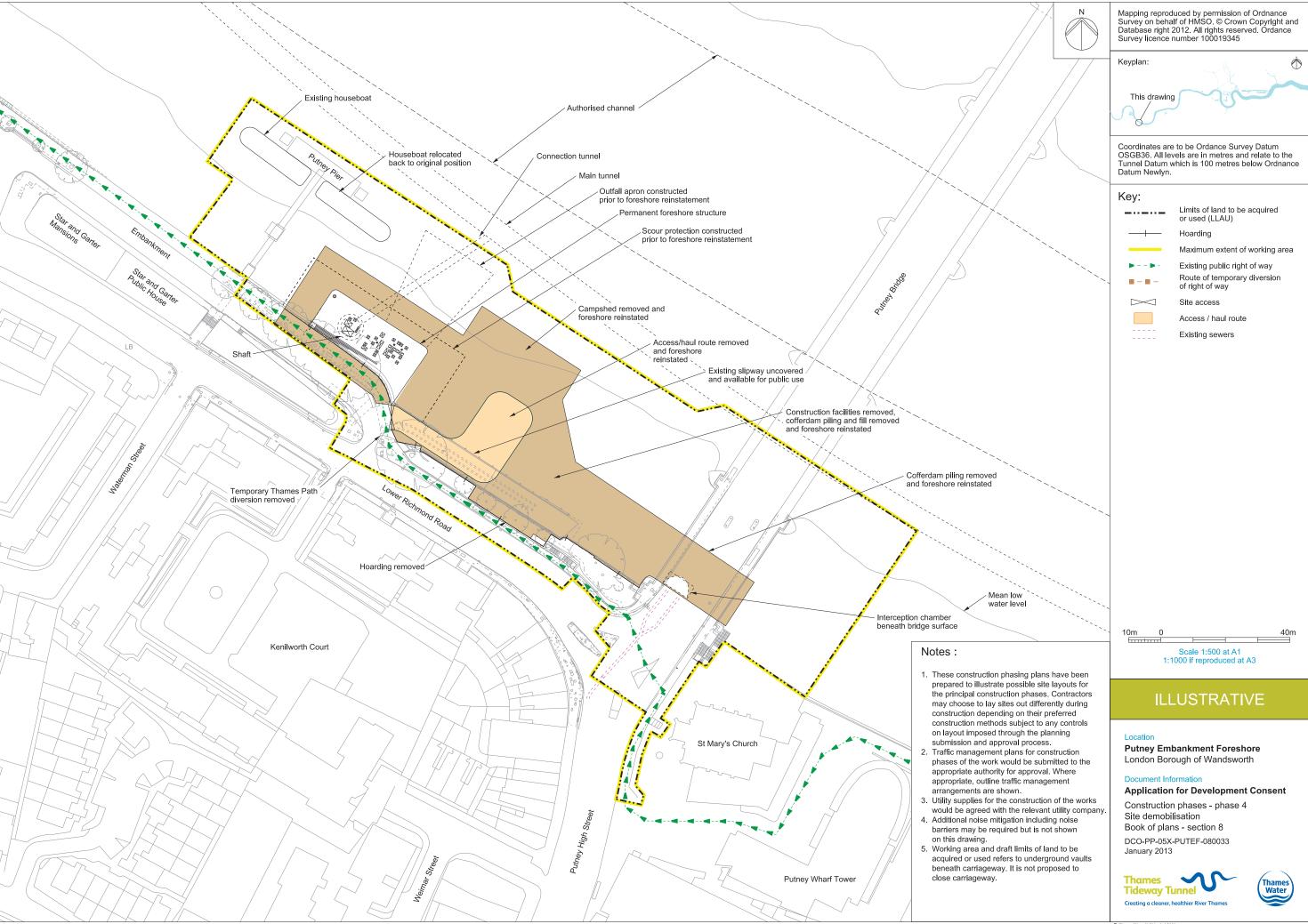


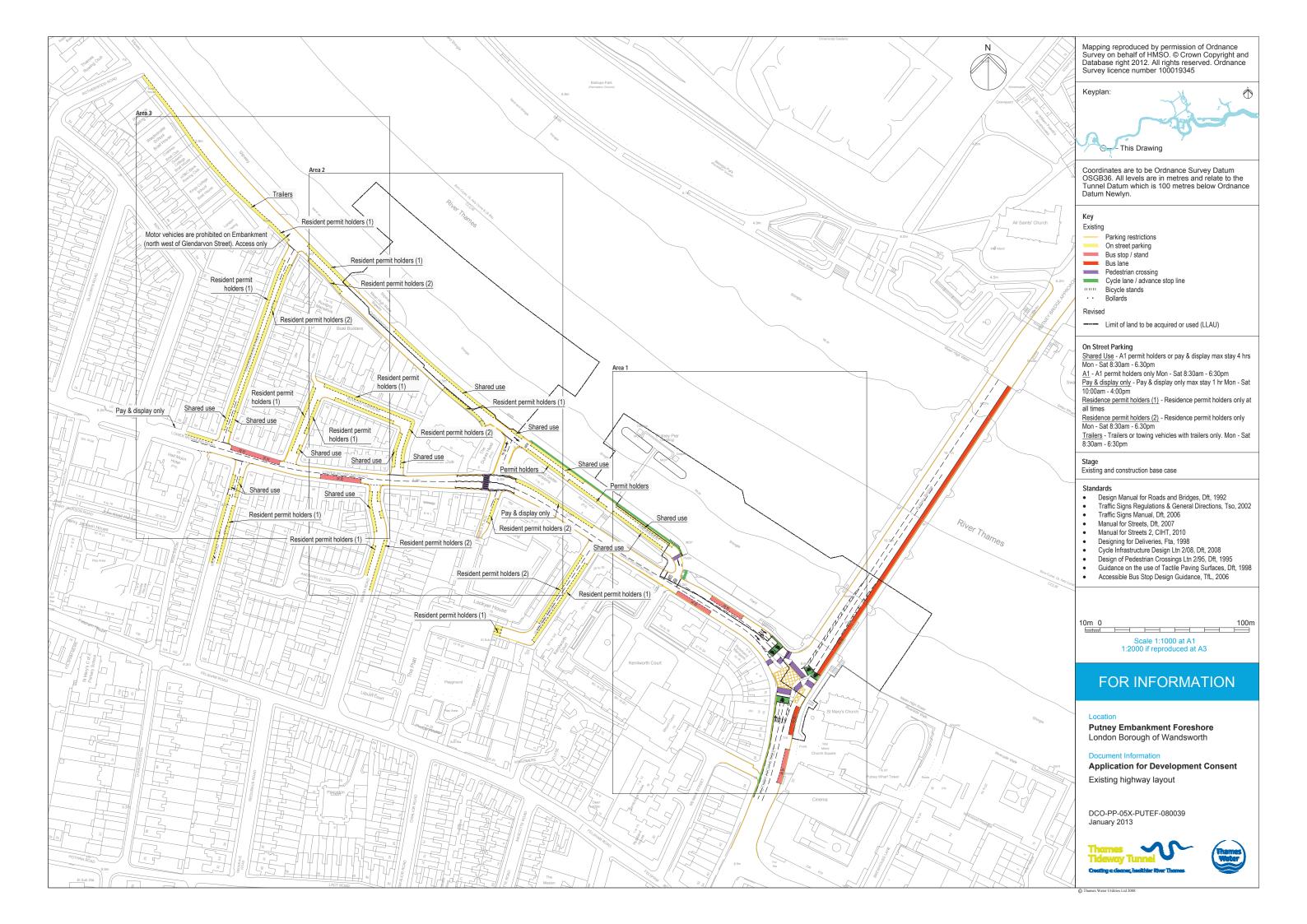


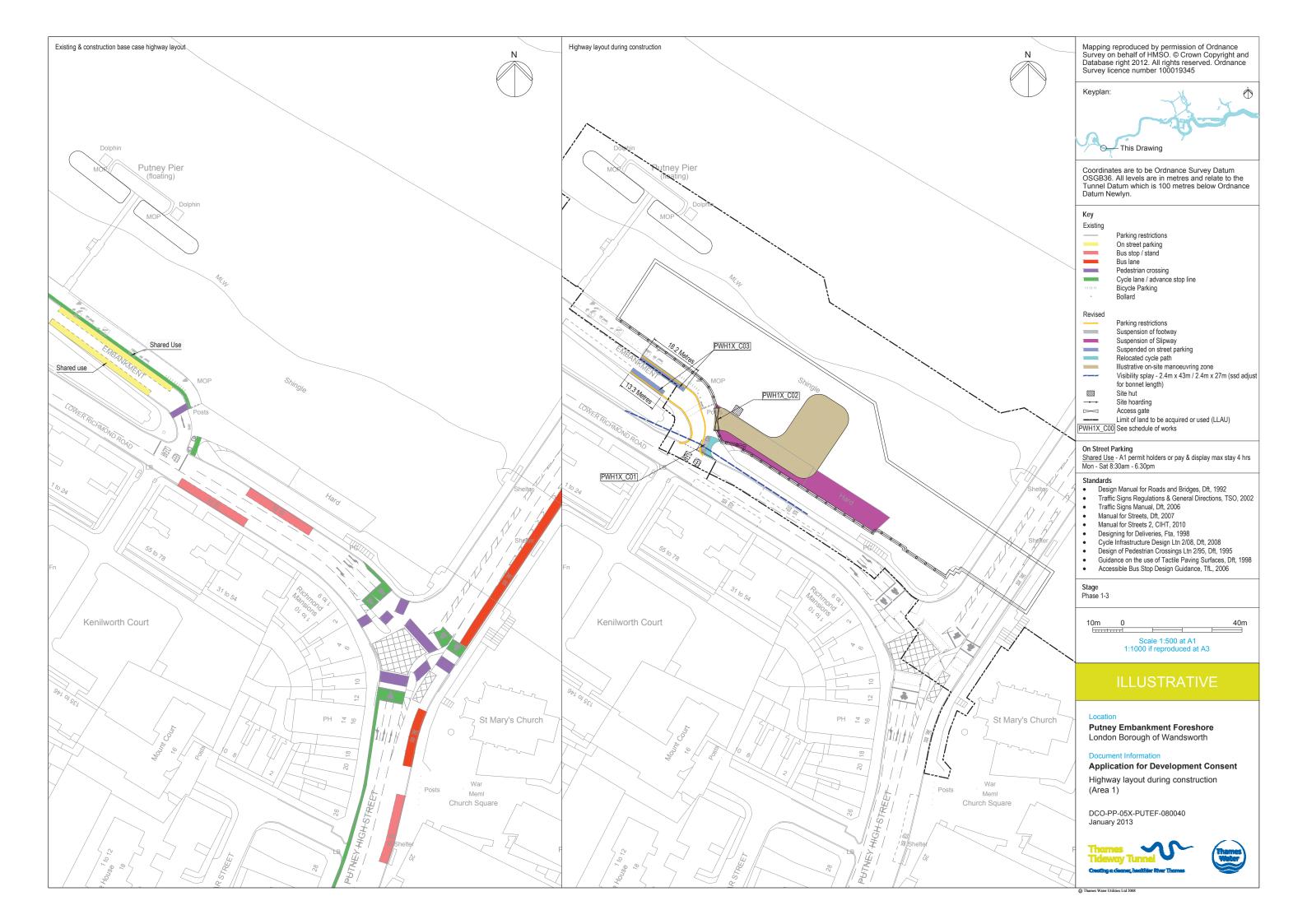


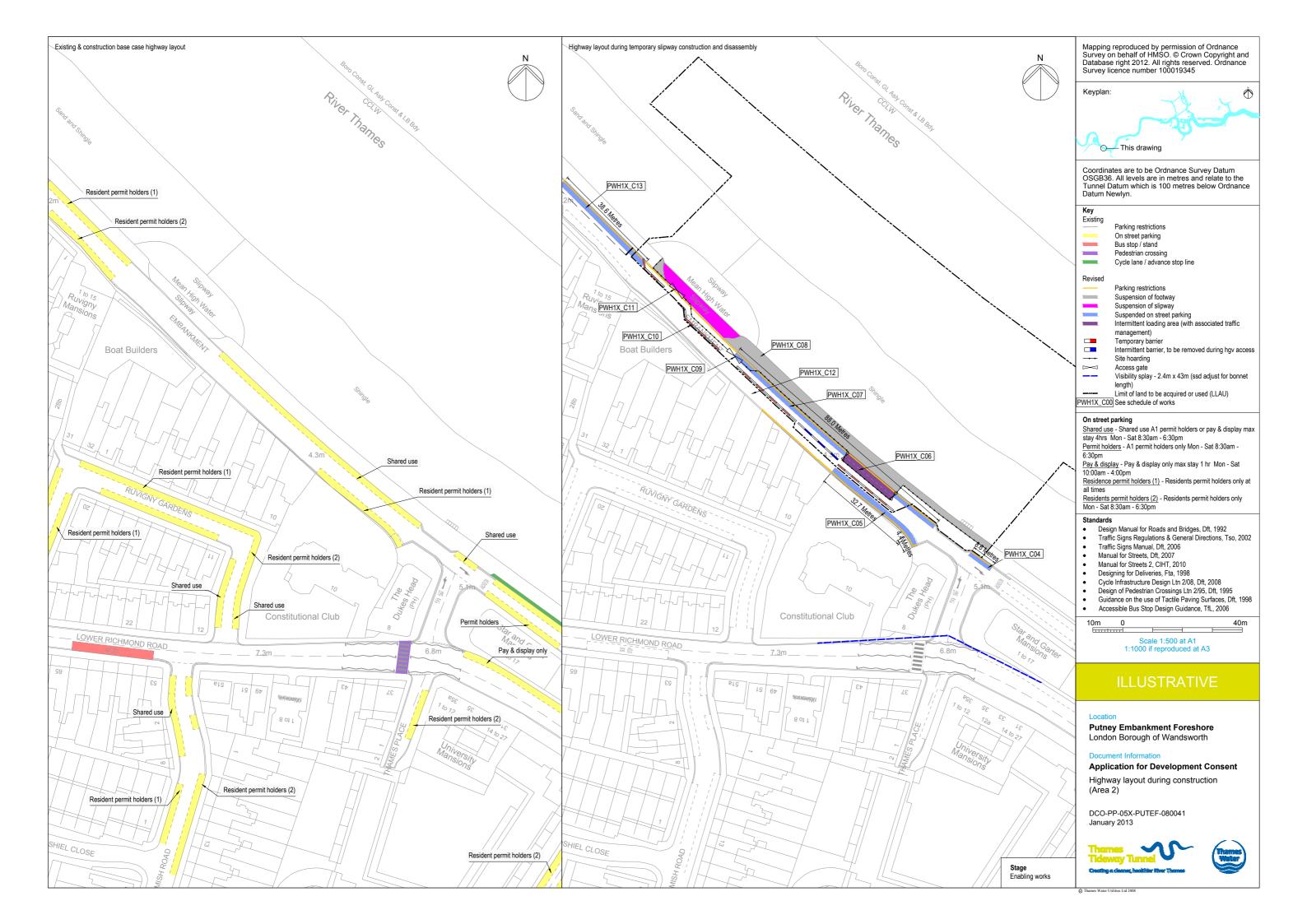


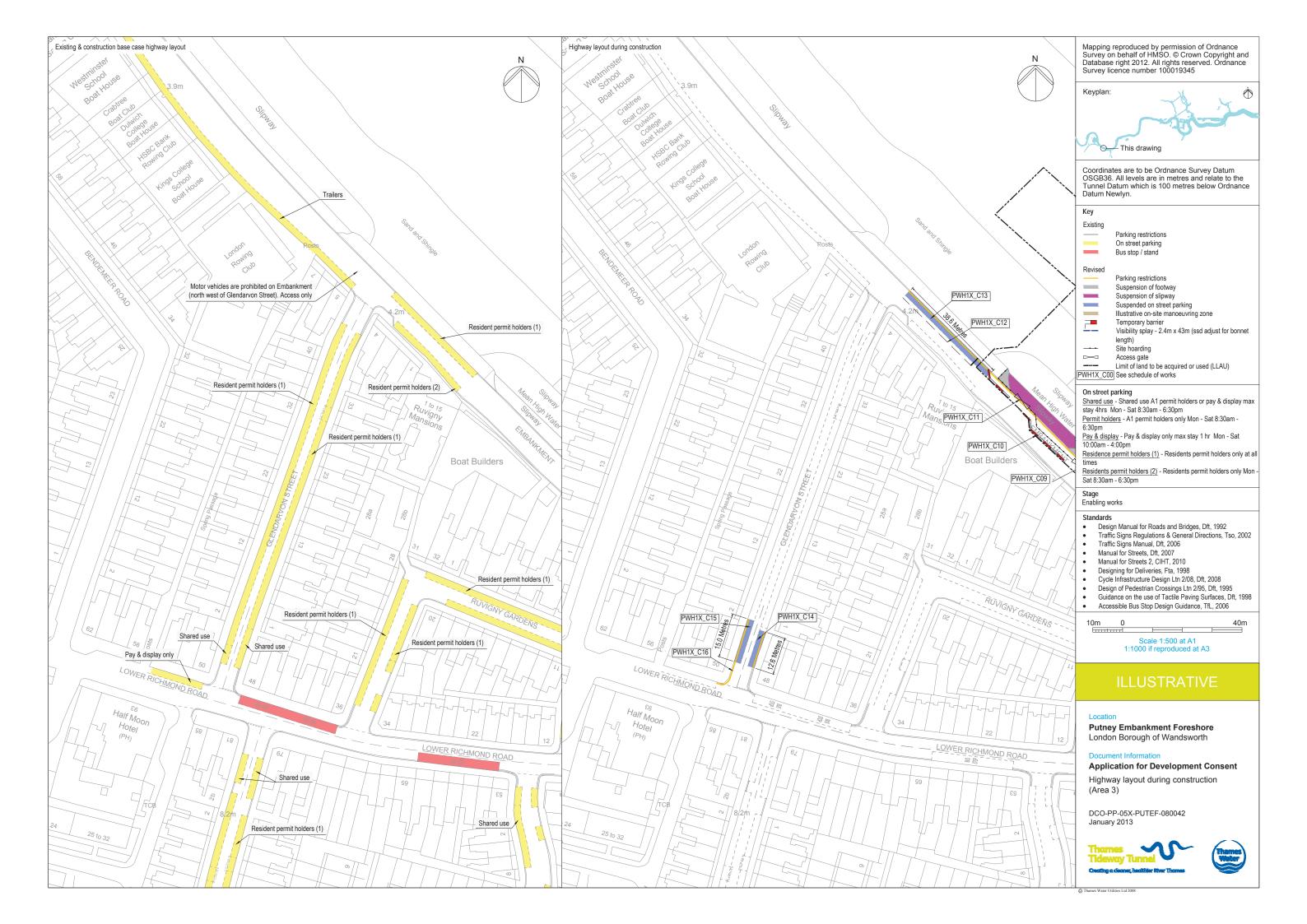


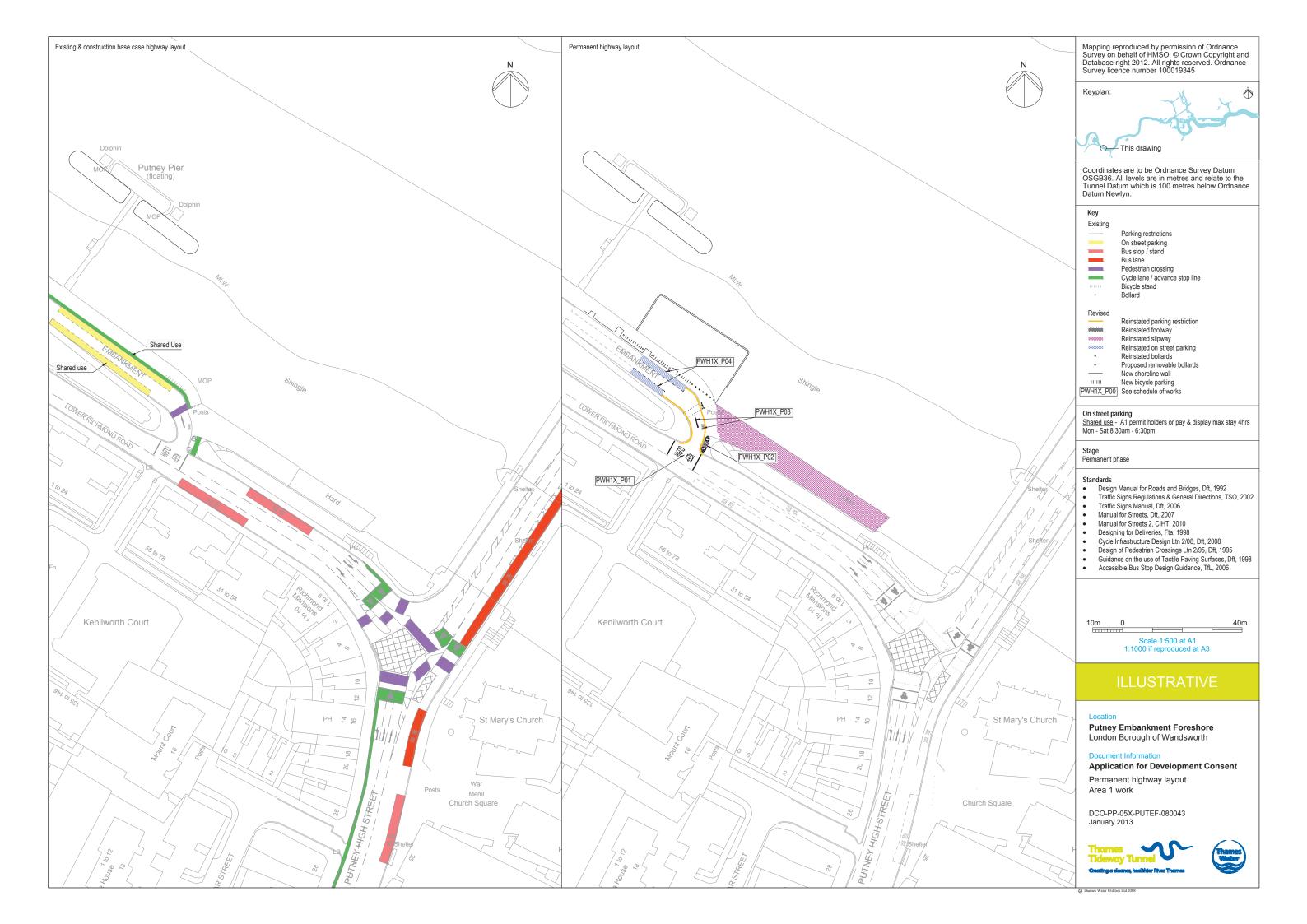


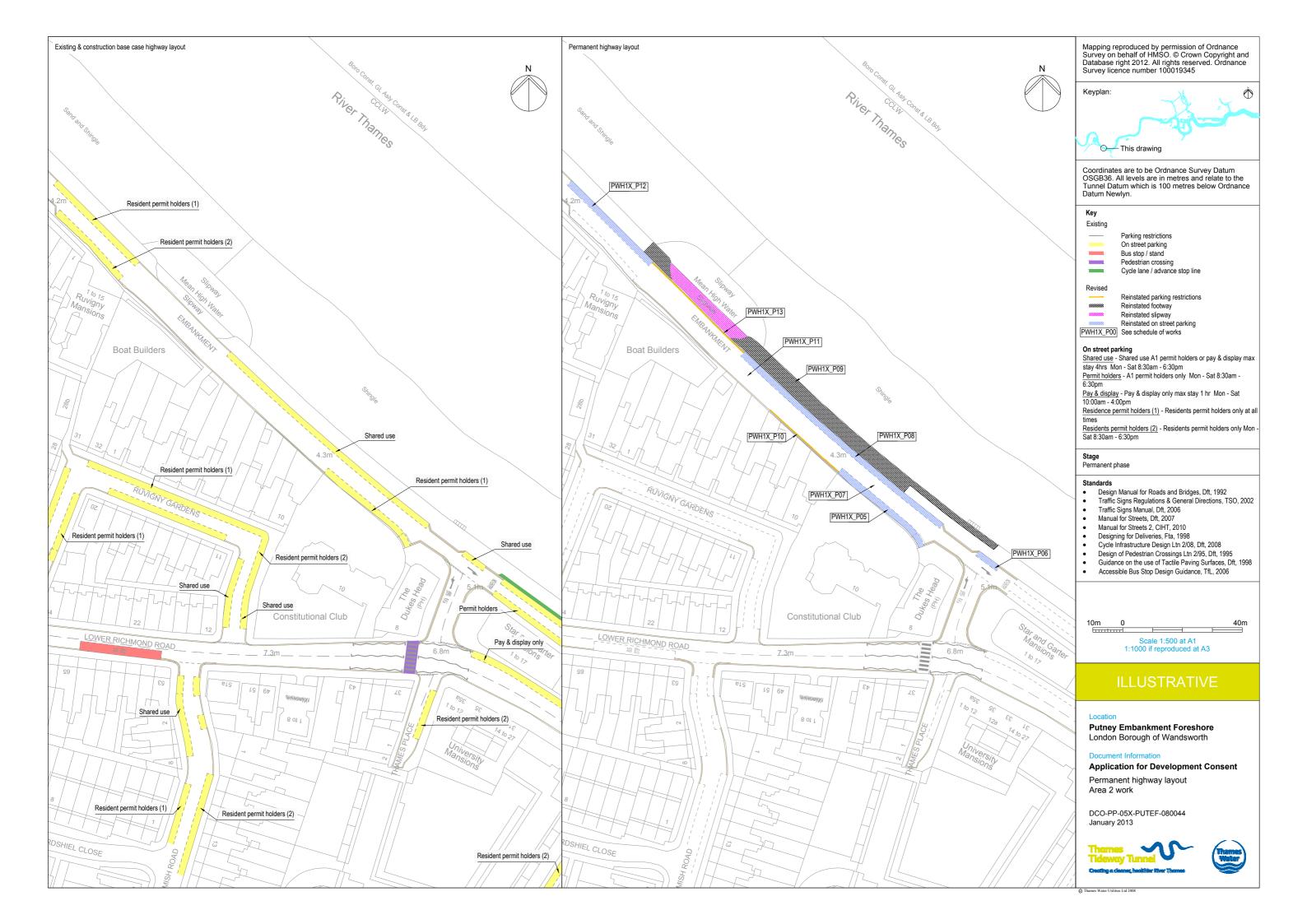


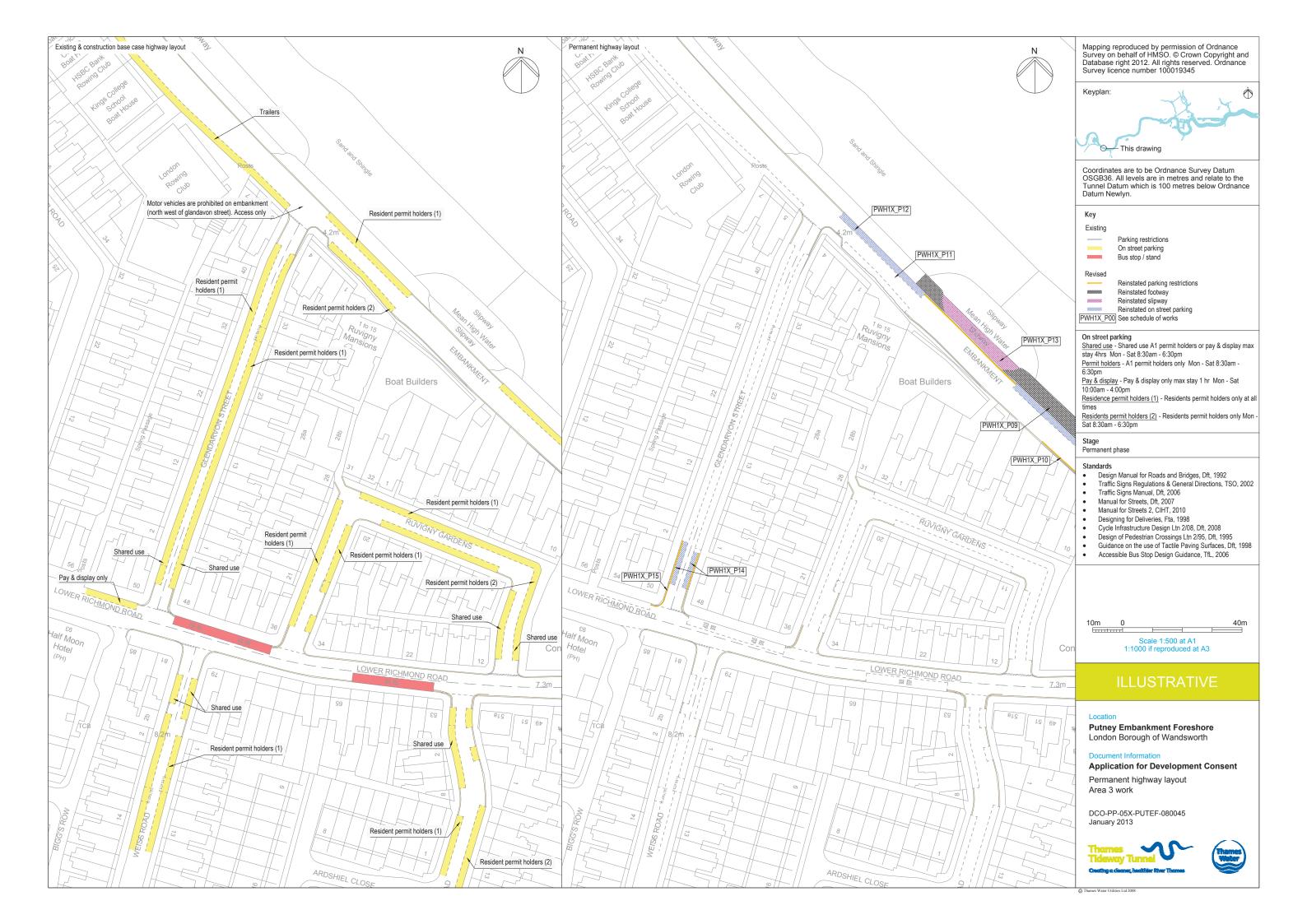






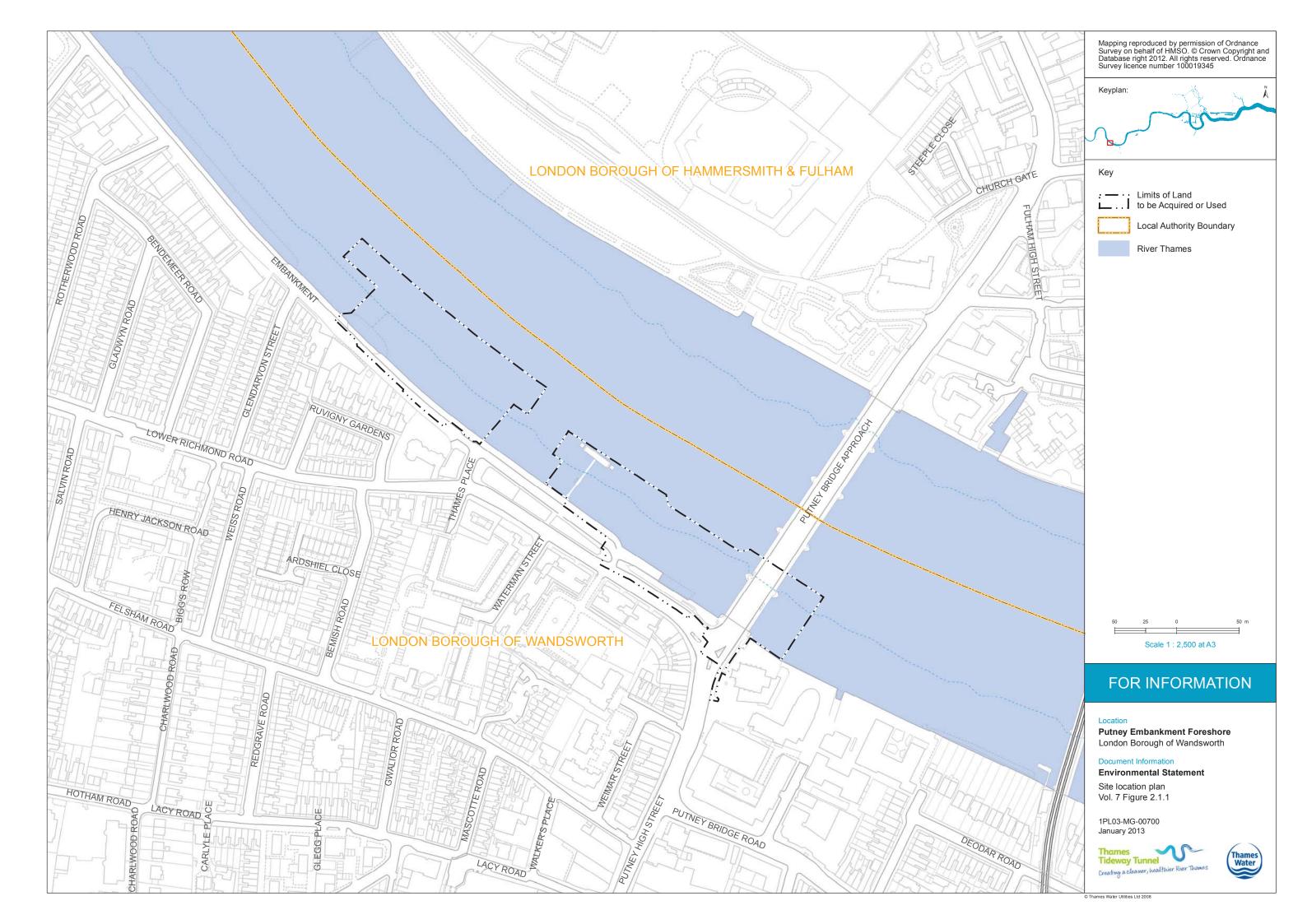


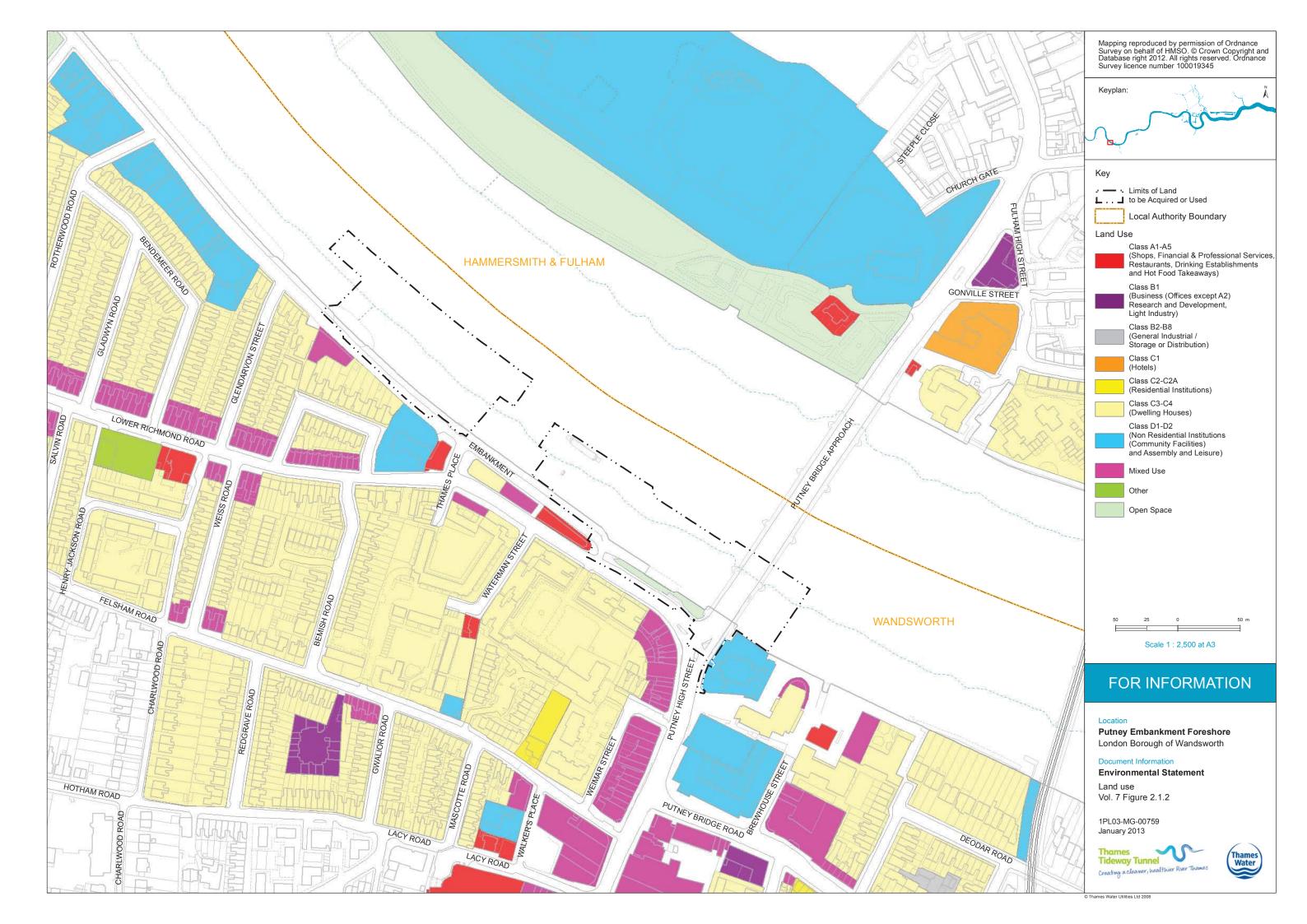




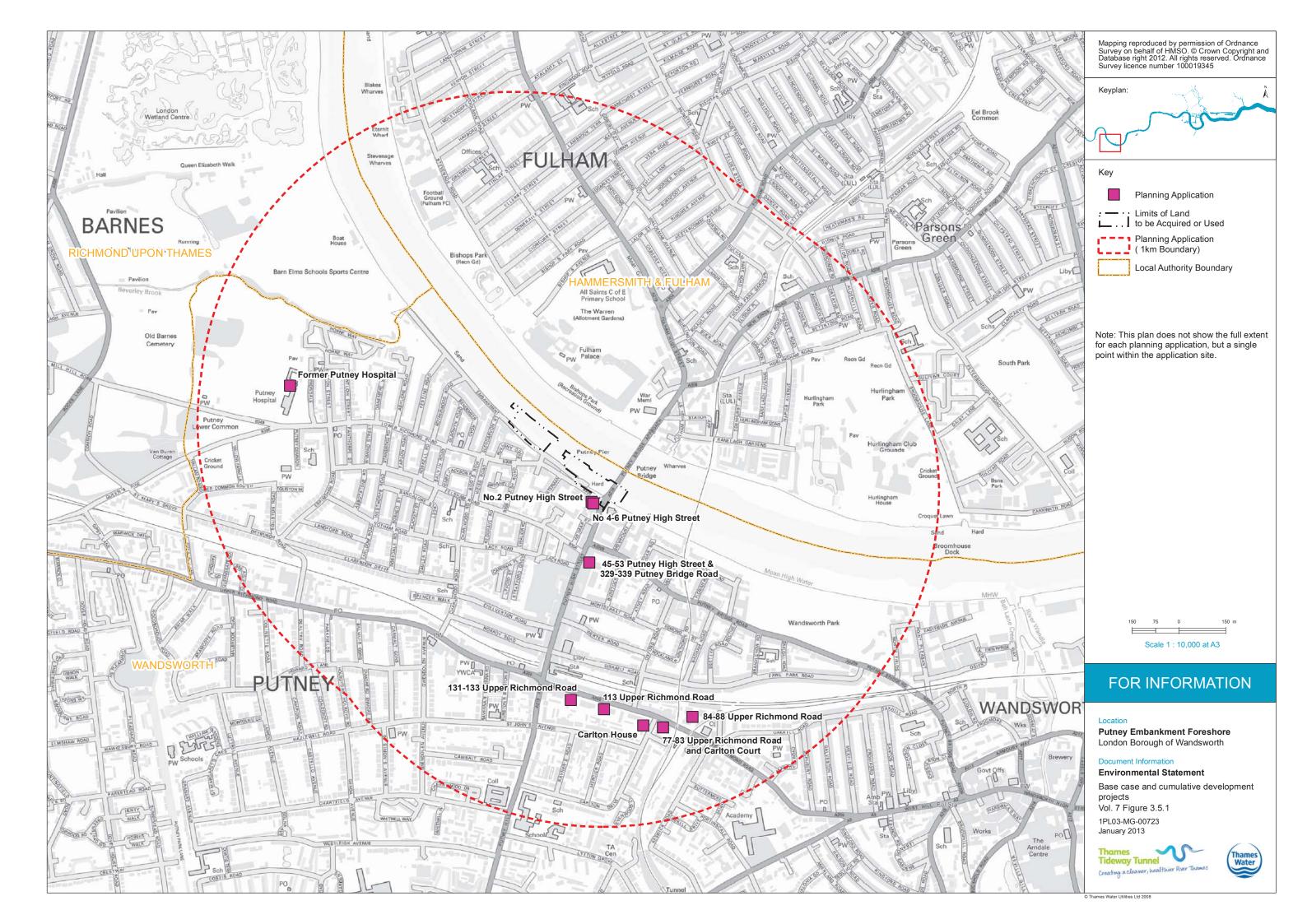
2 Environmental impact assessment figures

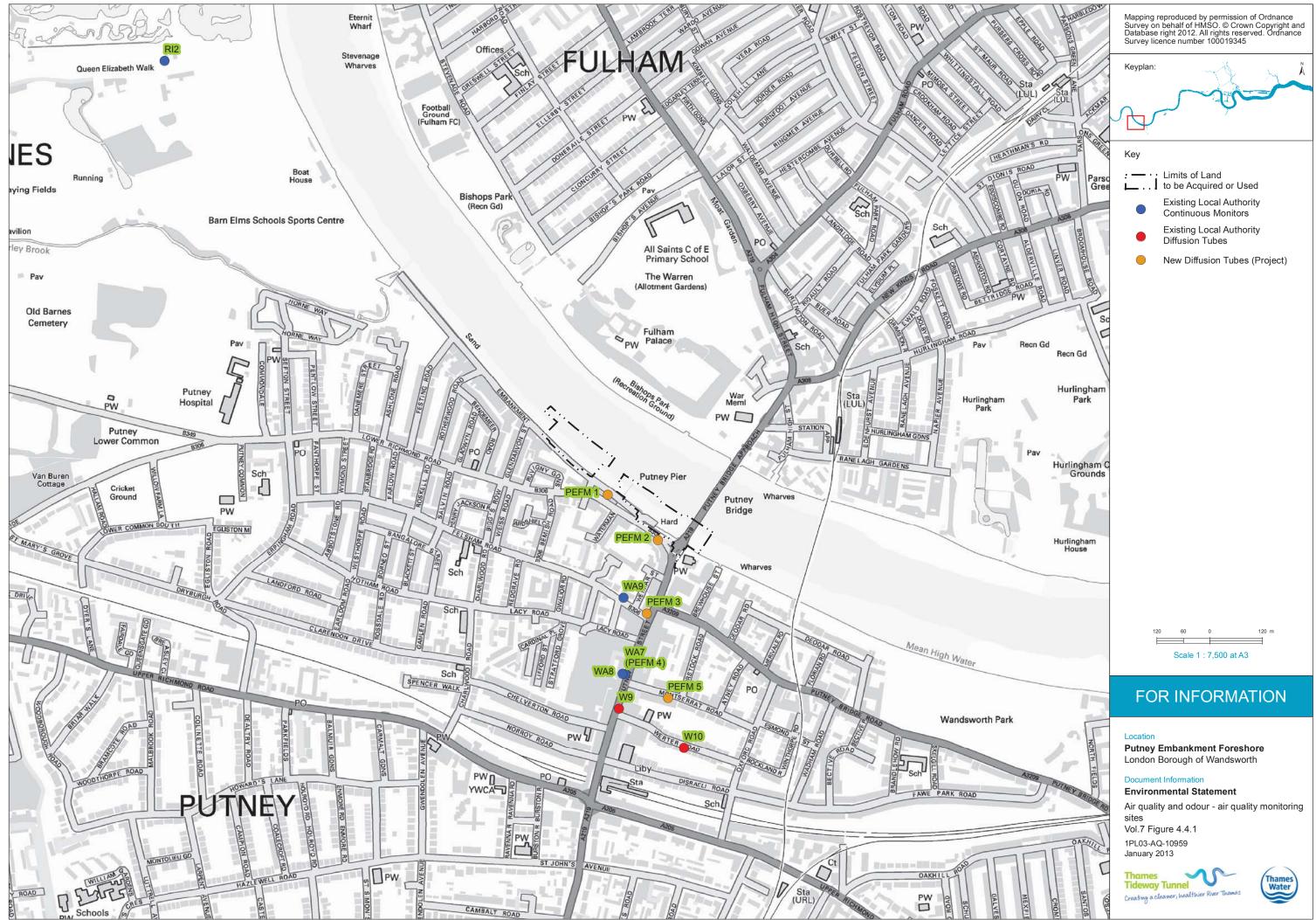
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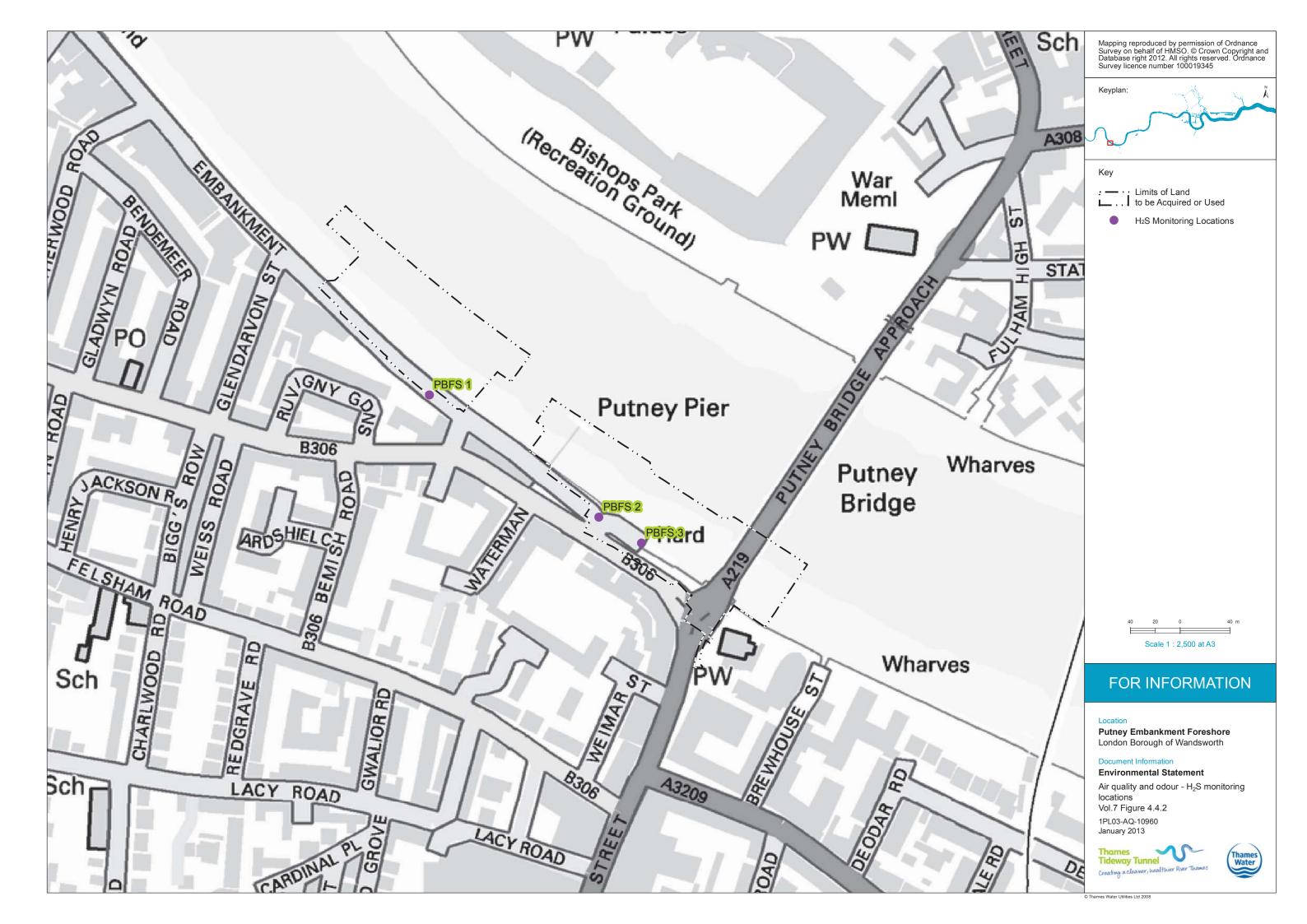


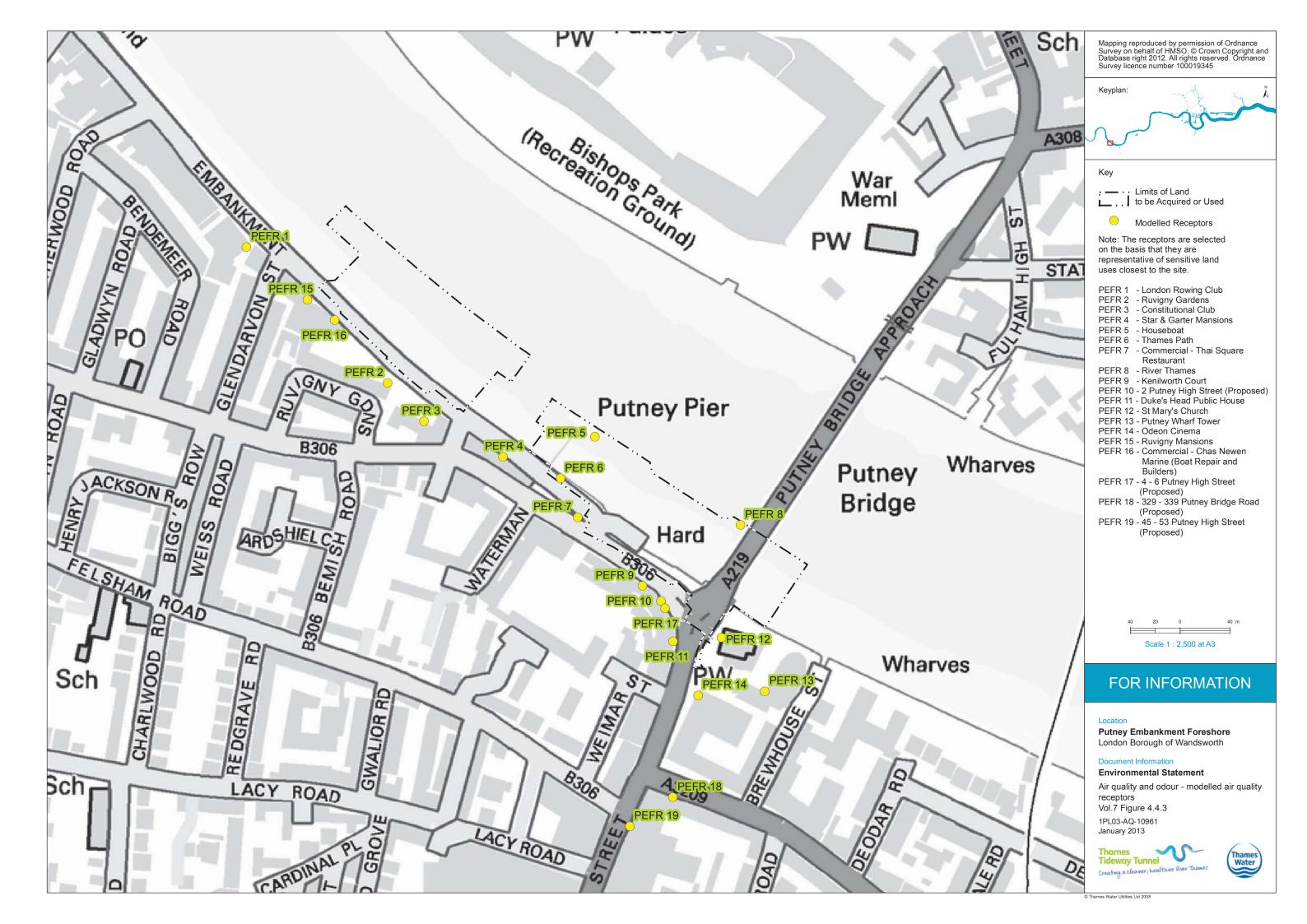








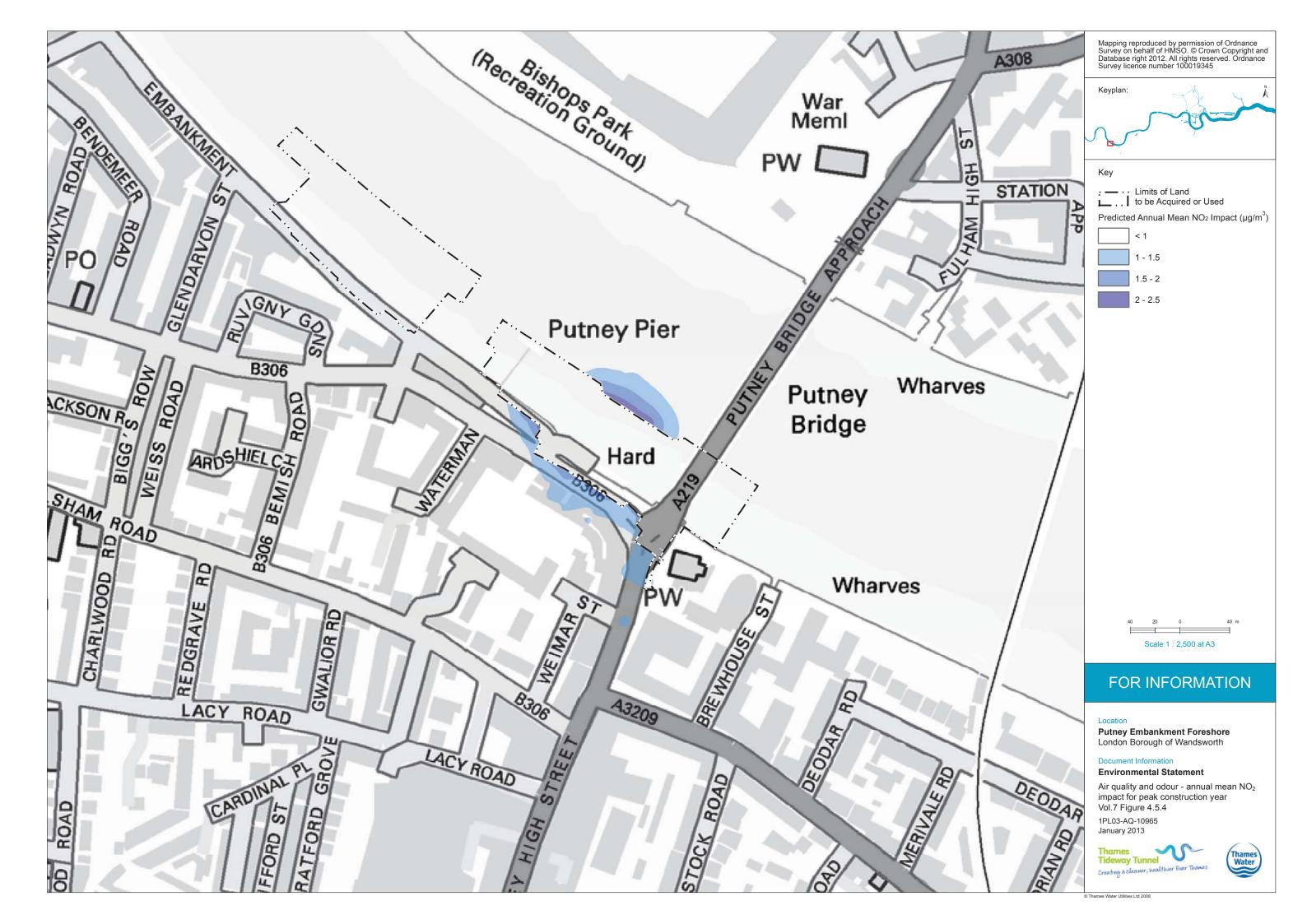


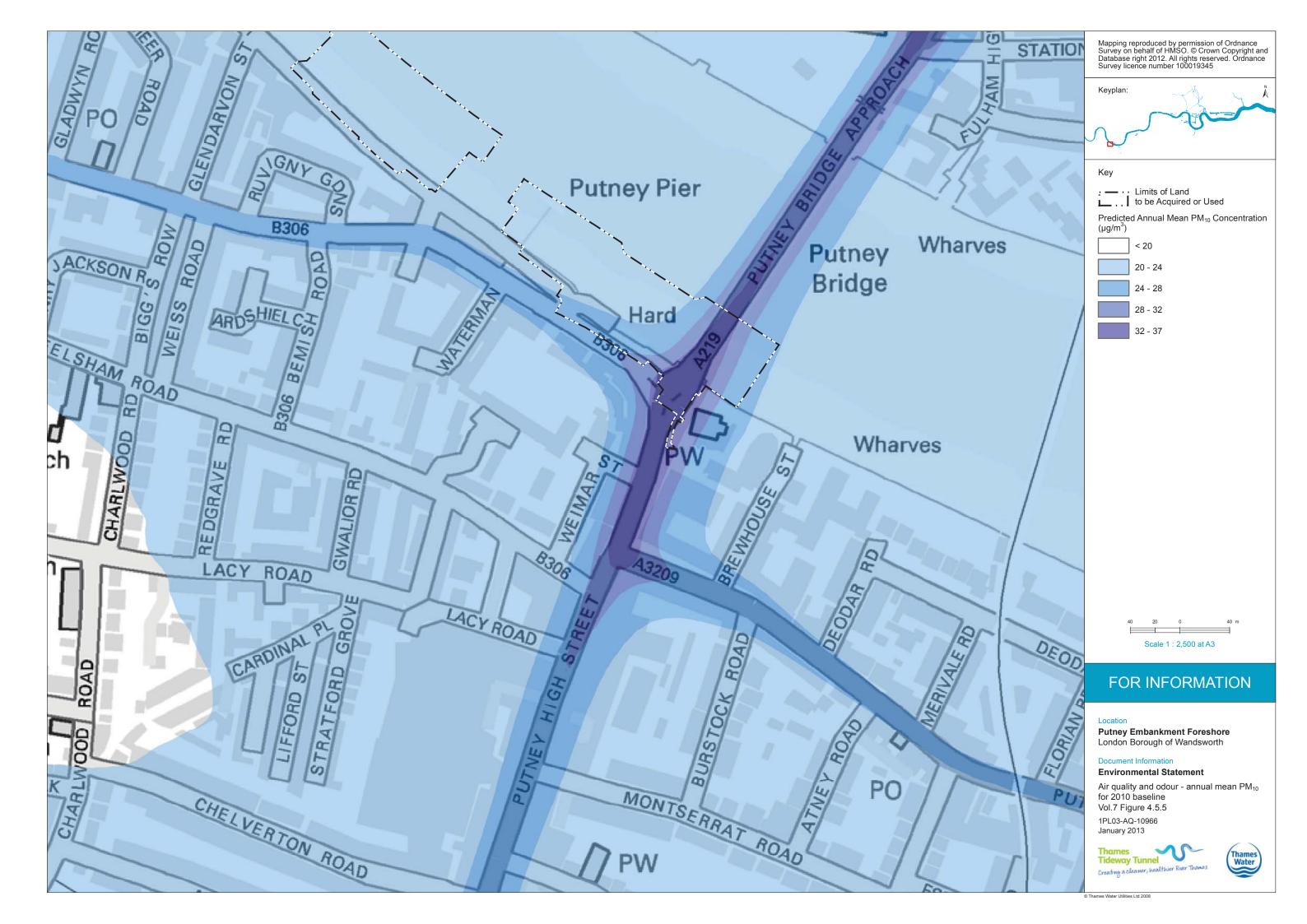


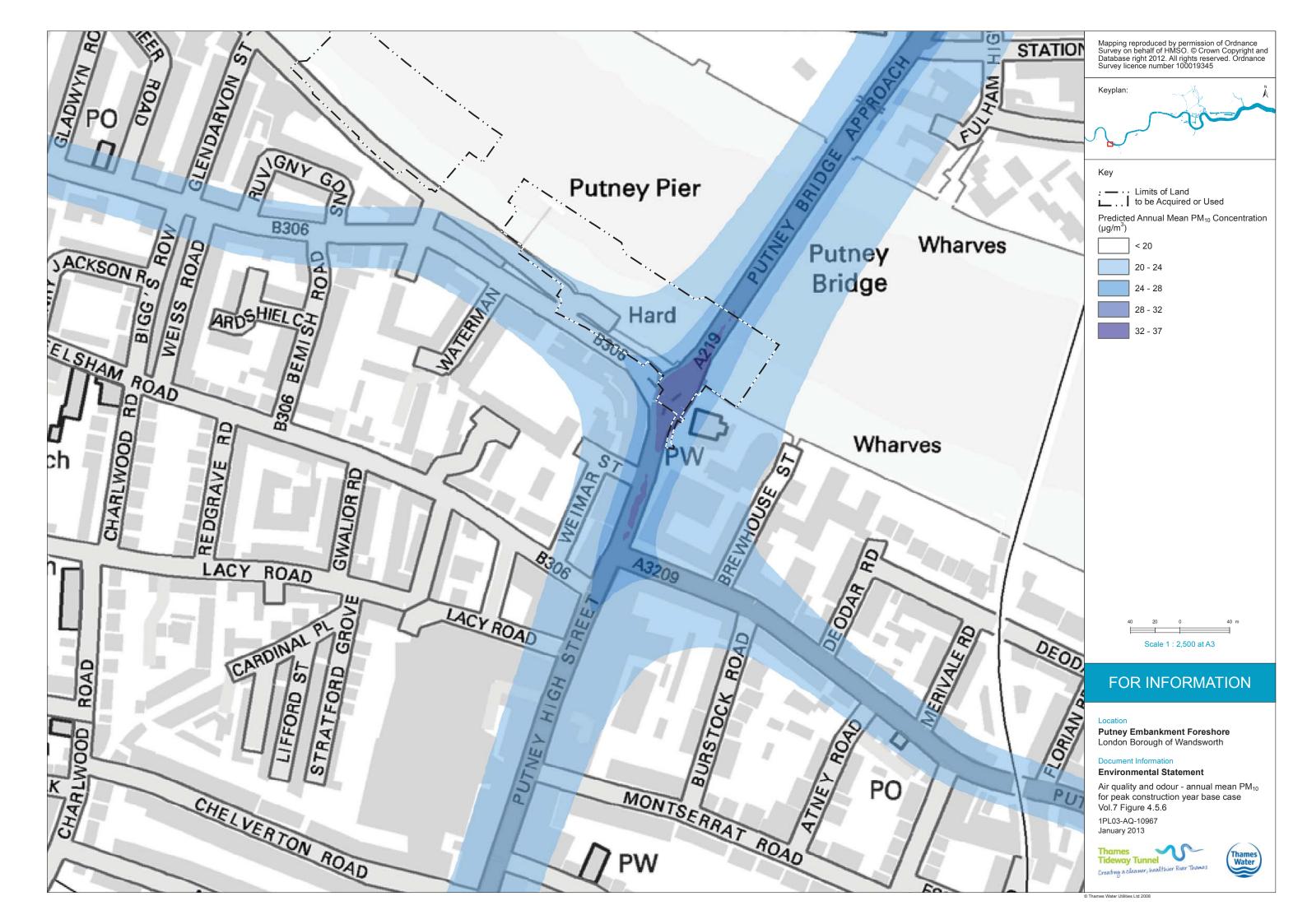


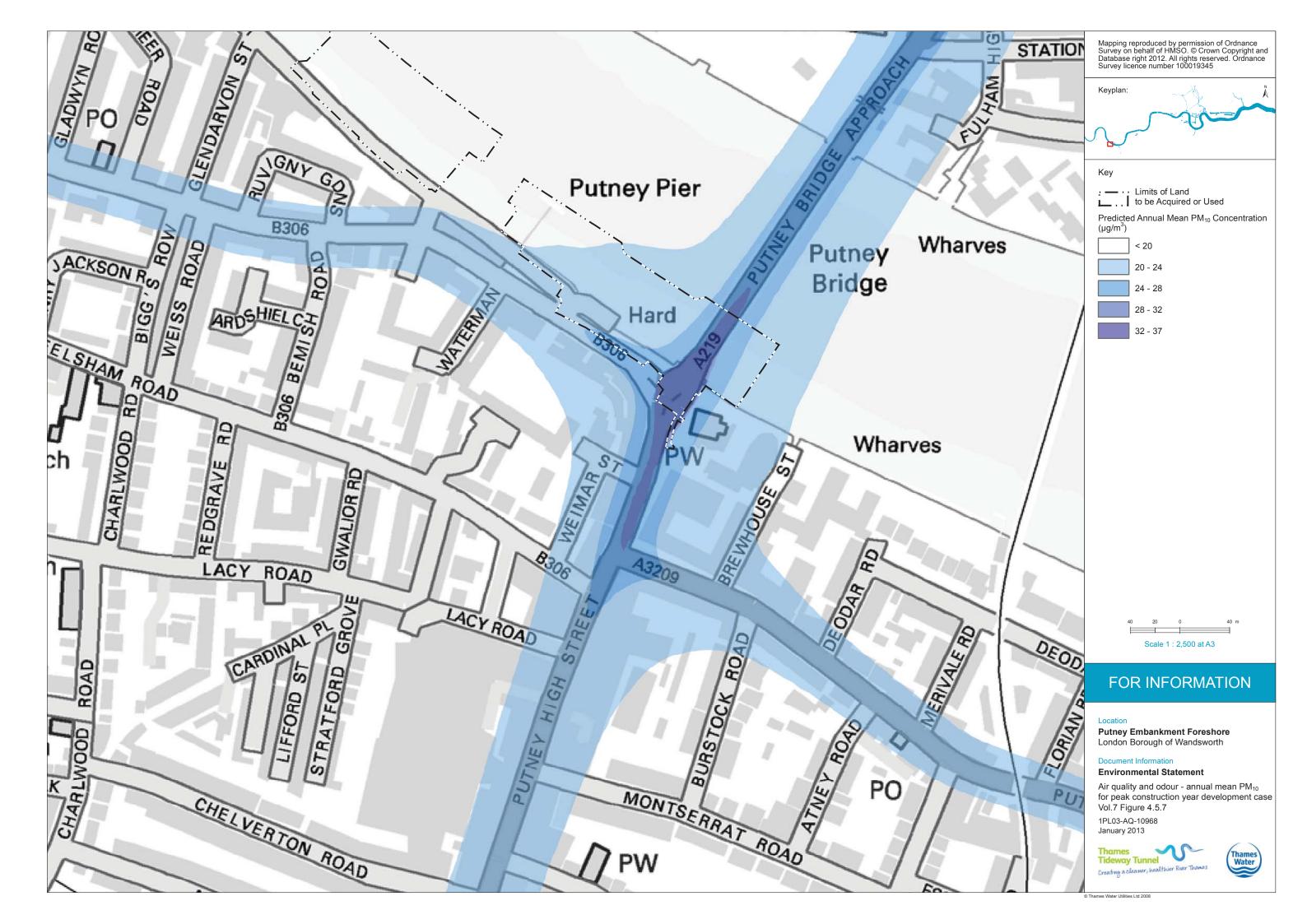


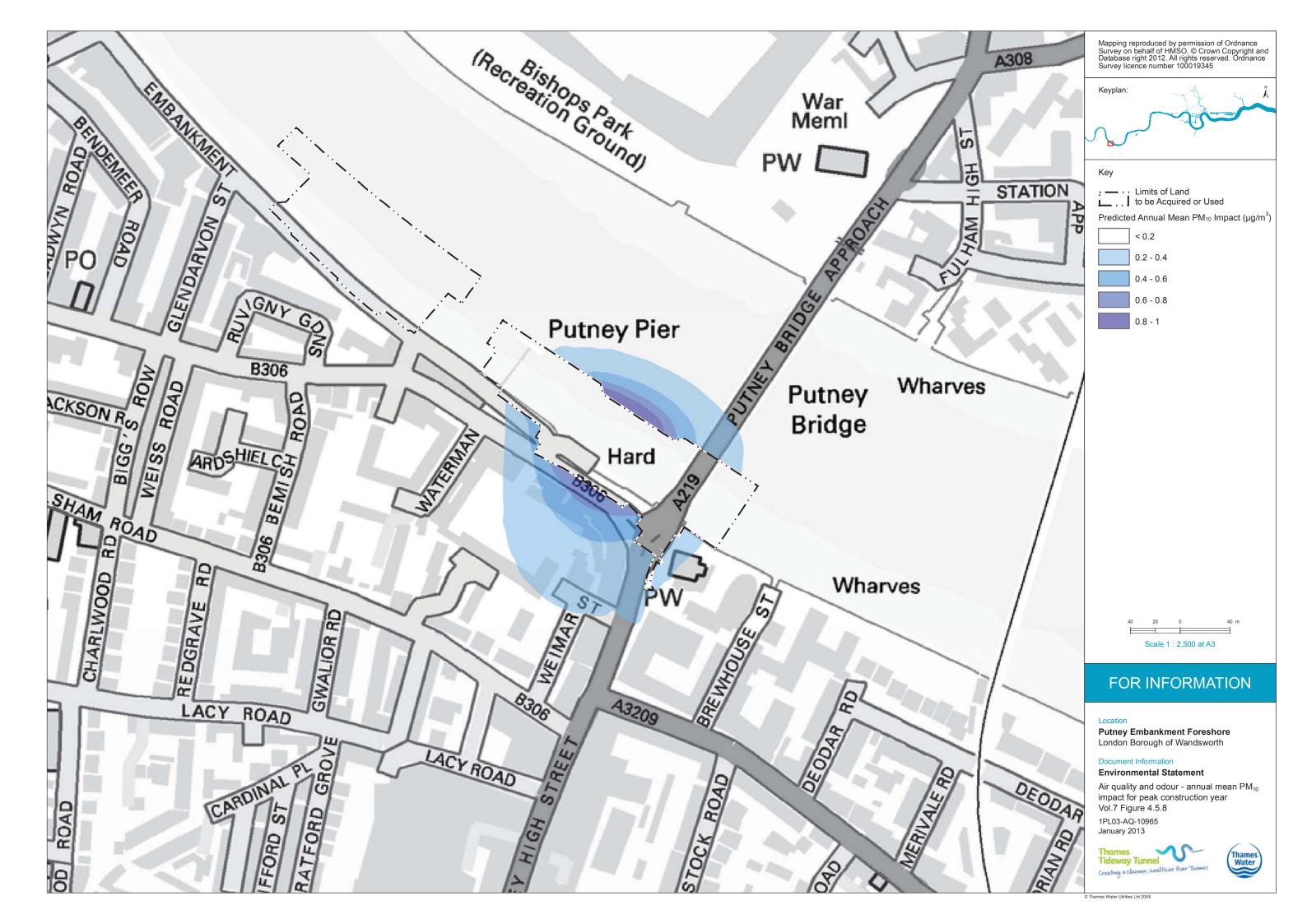


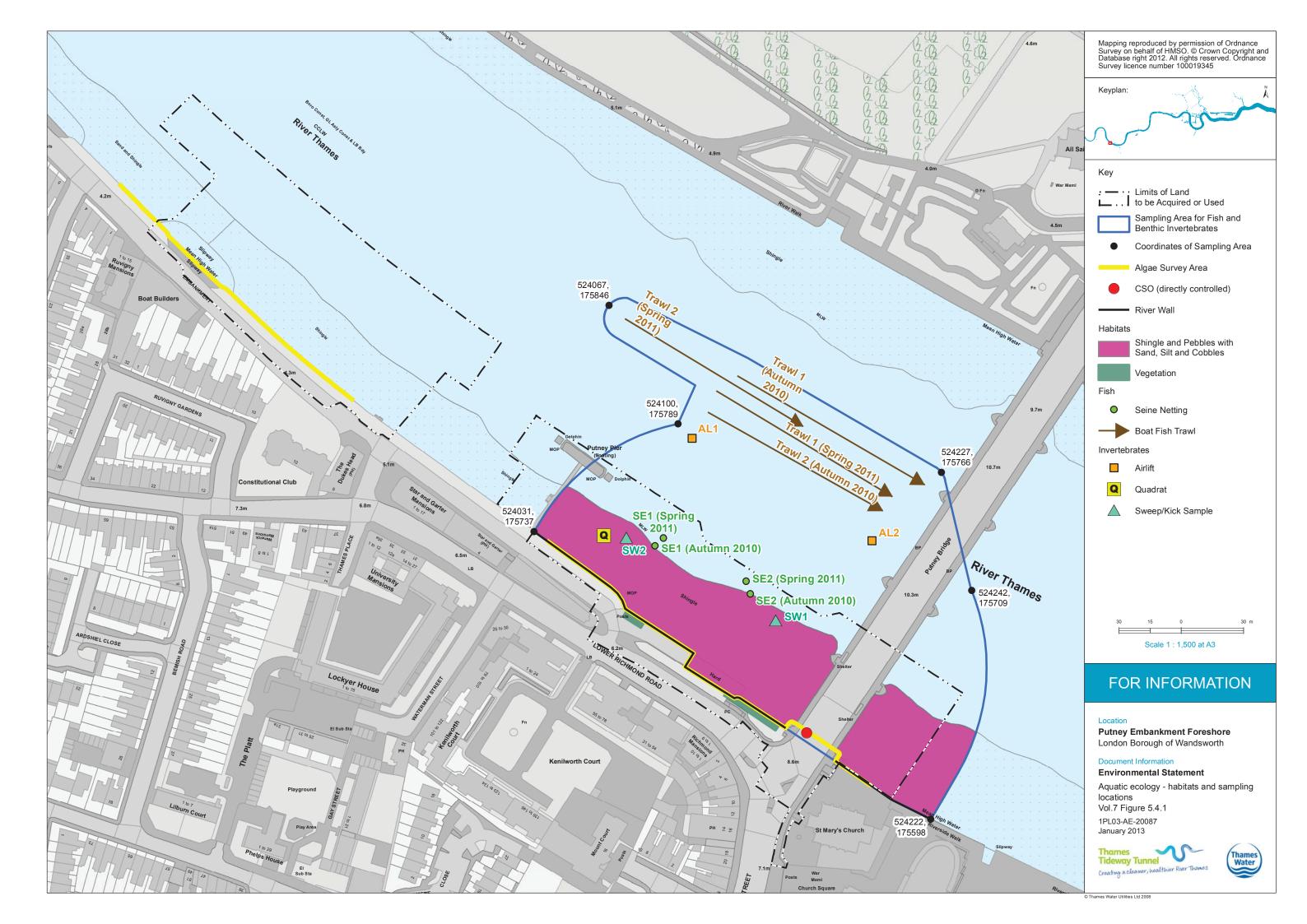


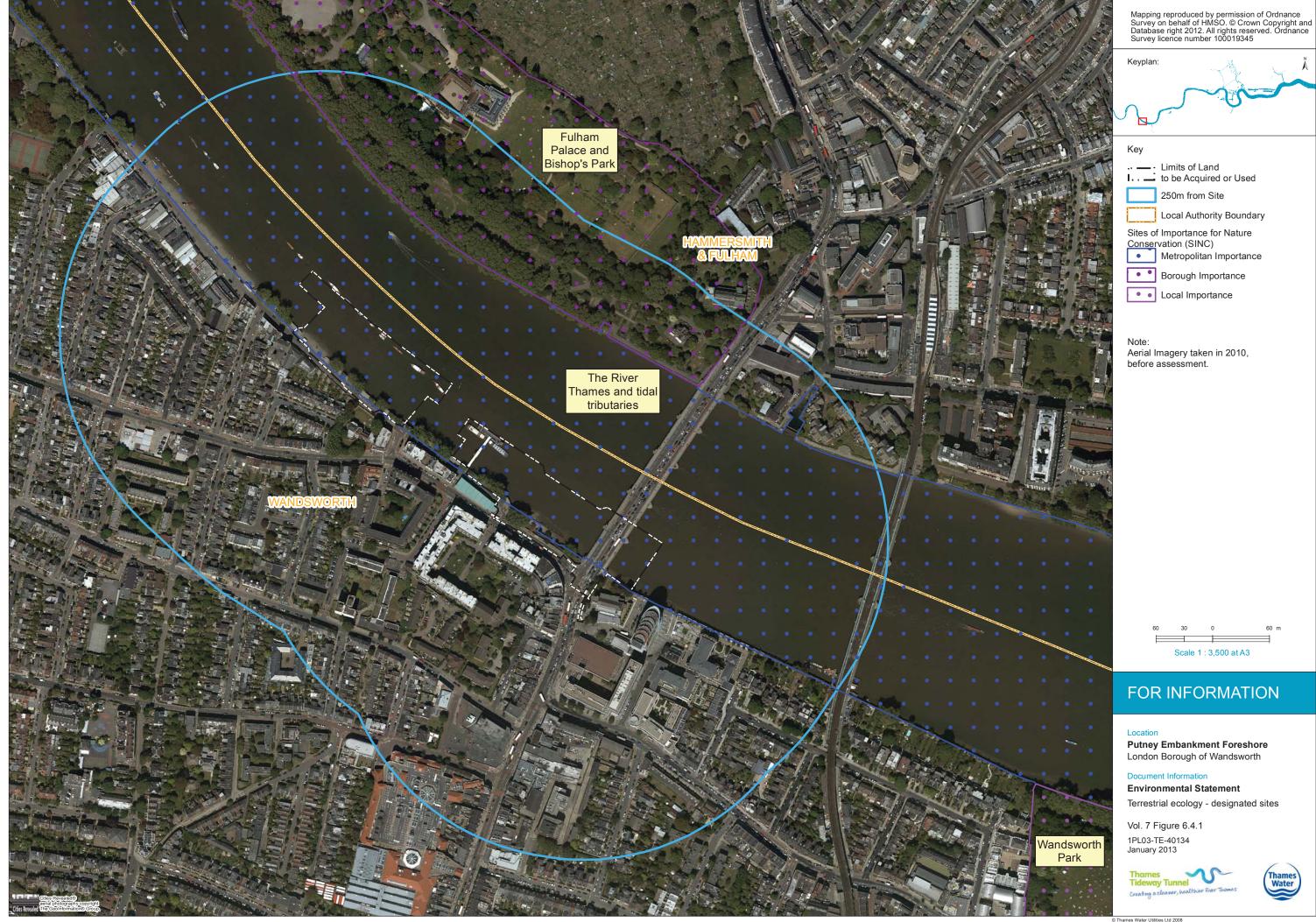


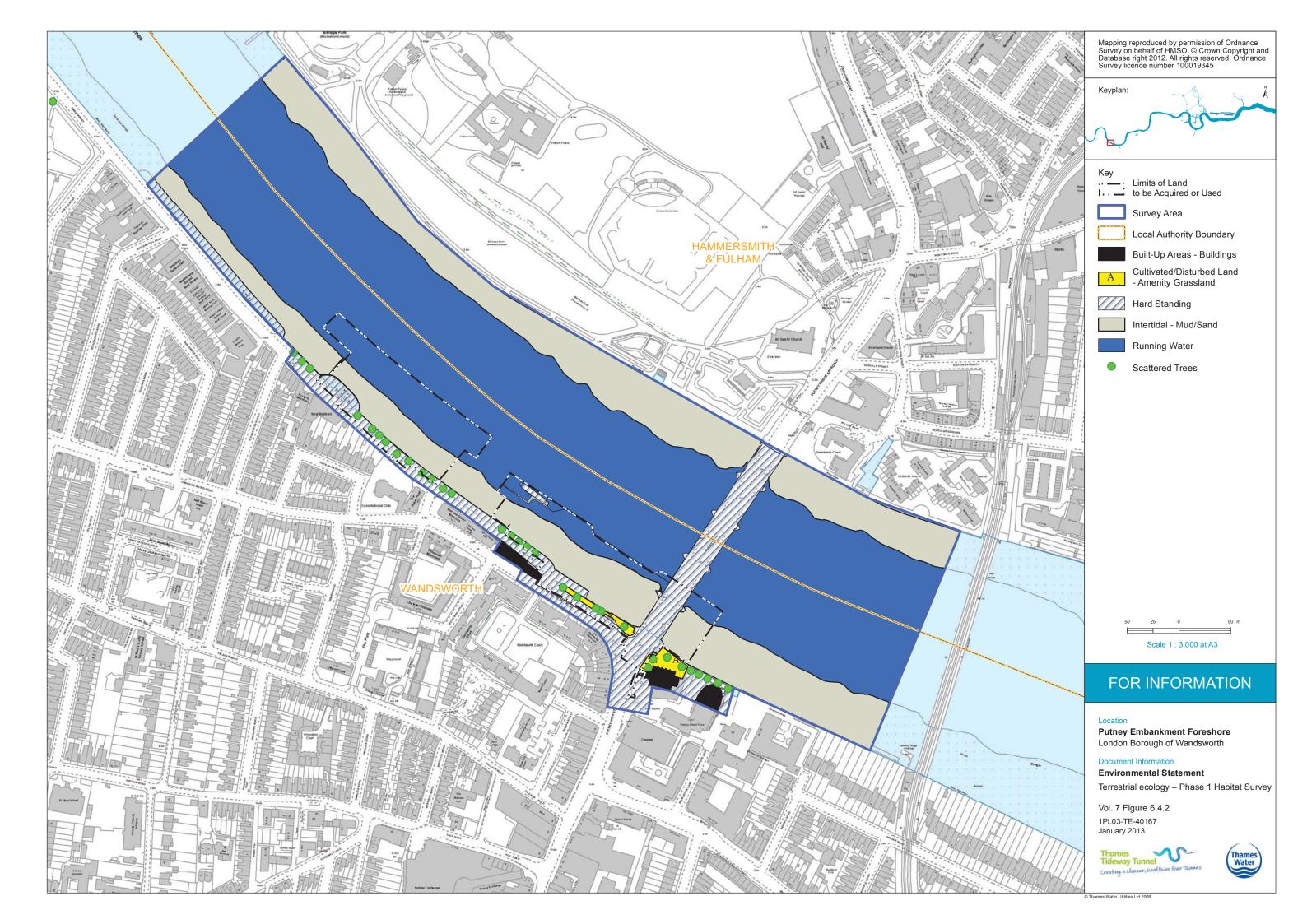


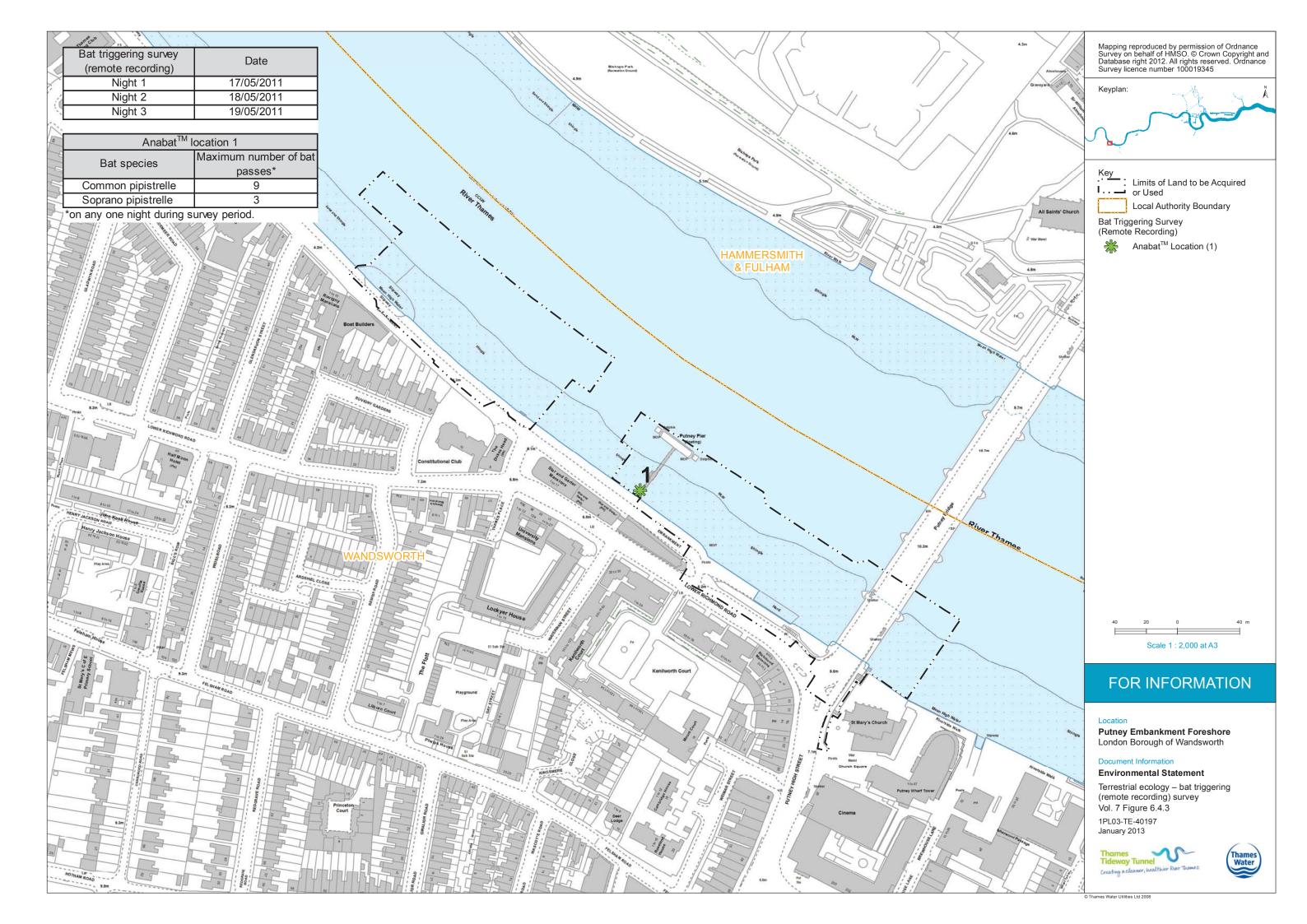


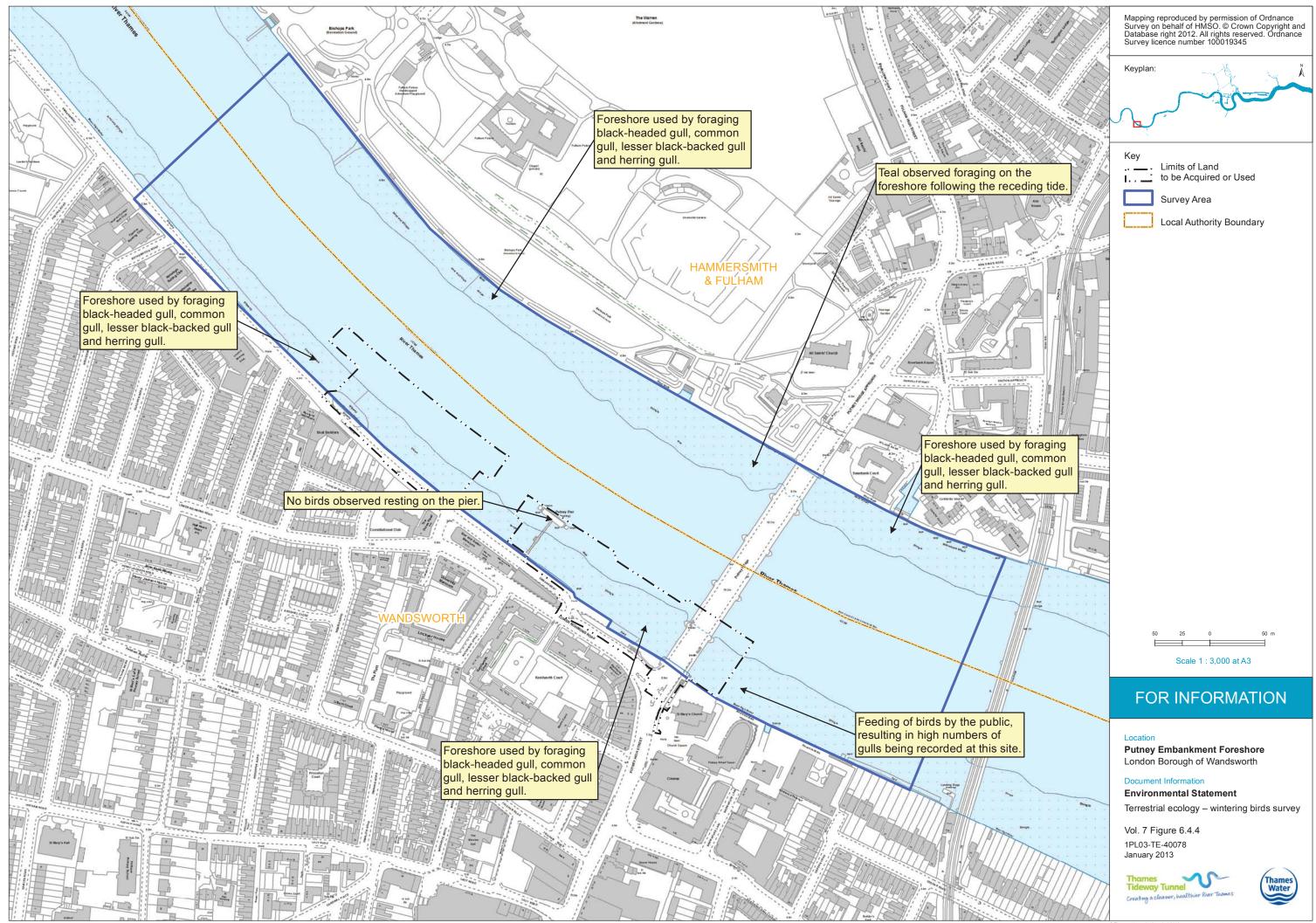


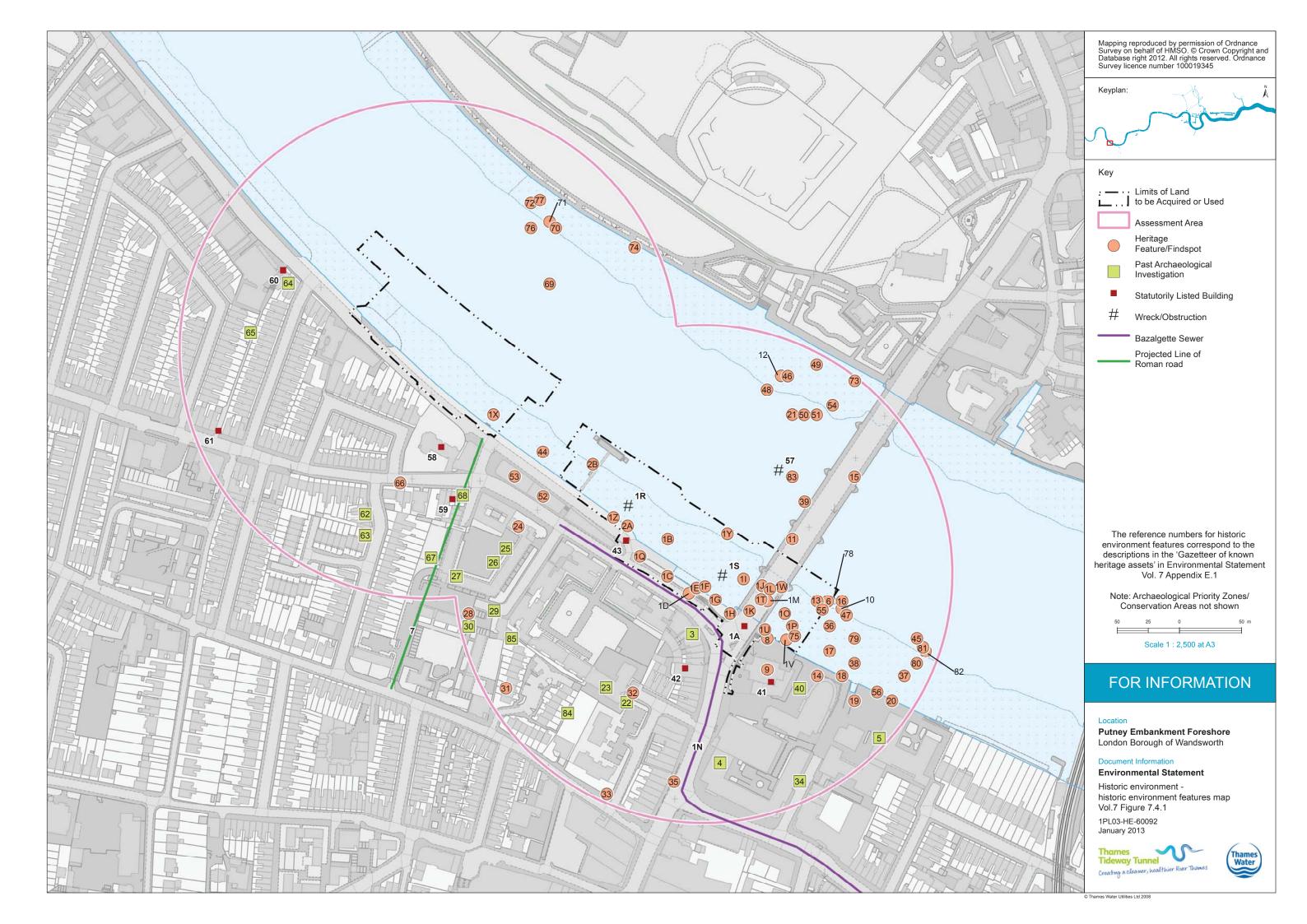




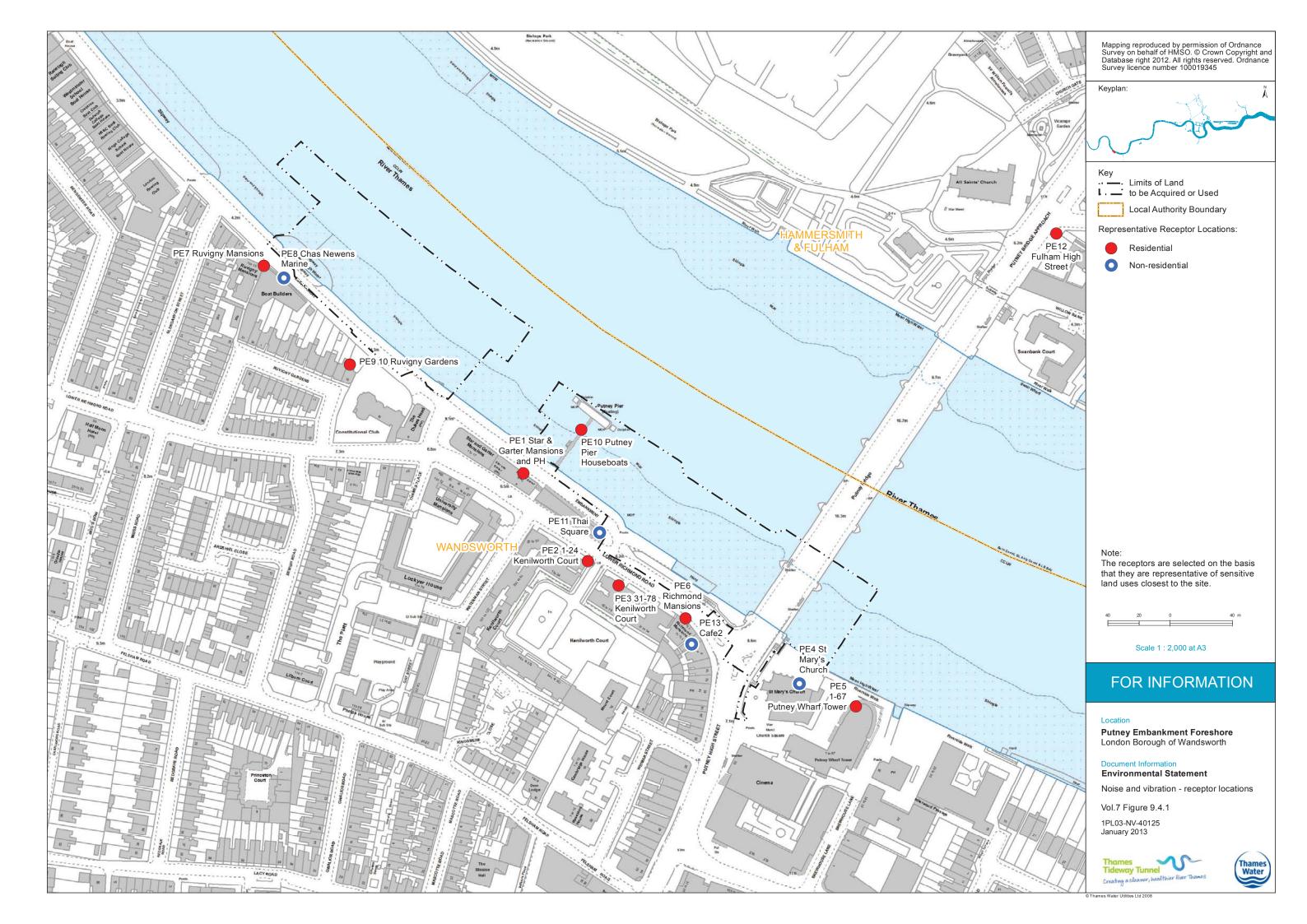


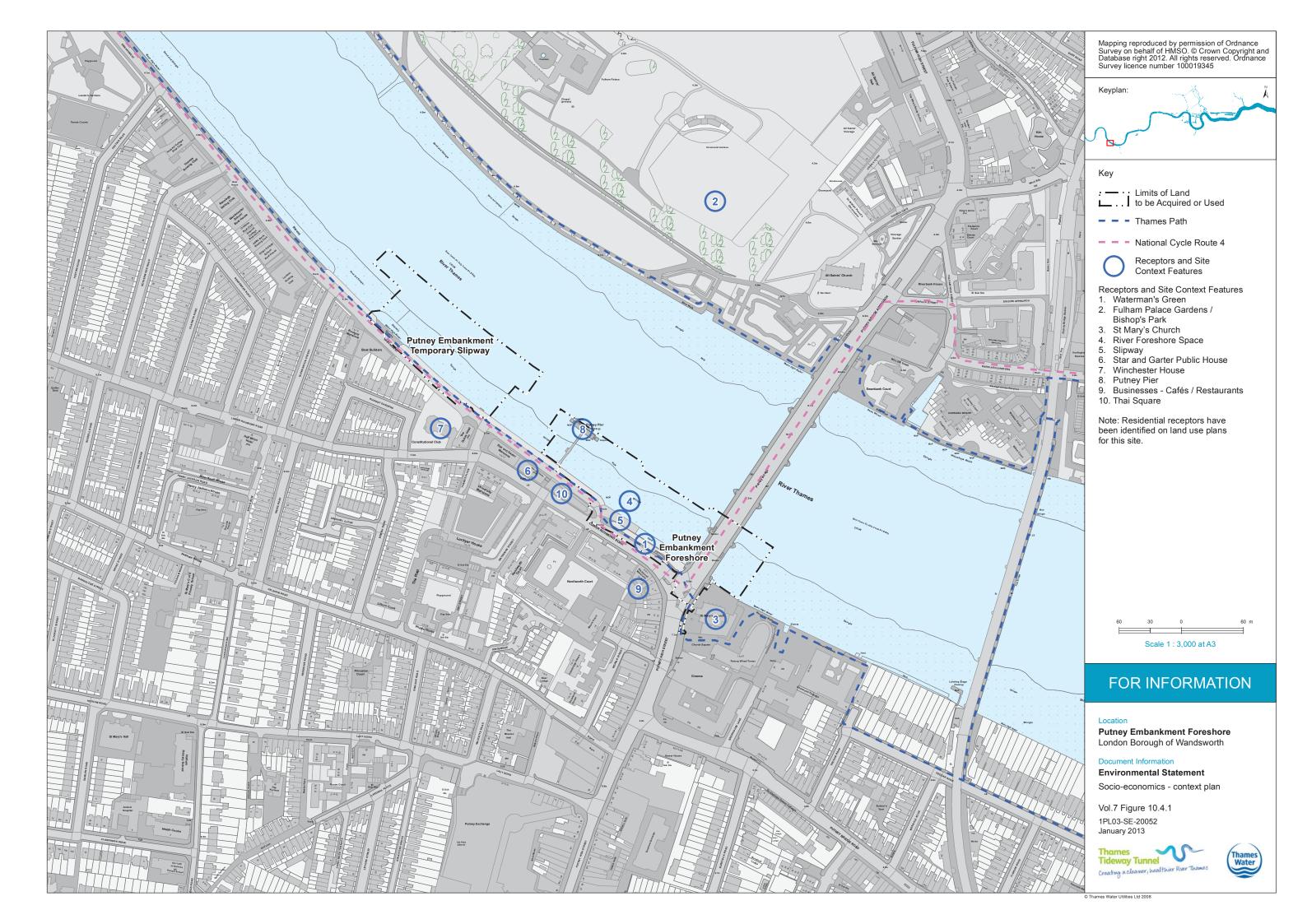


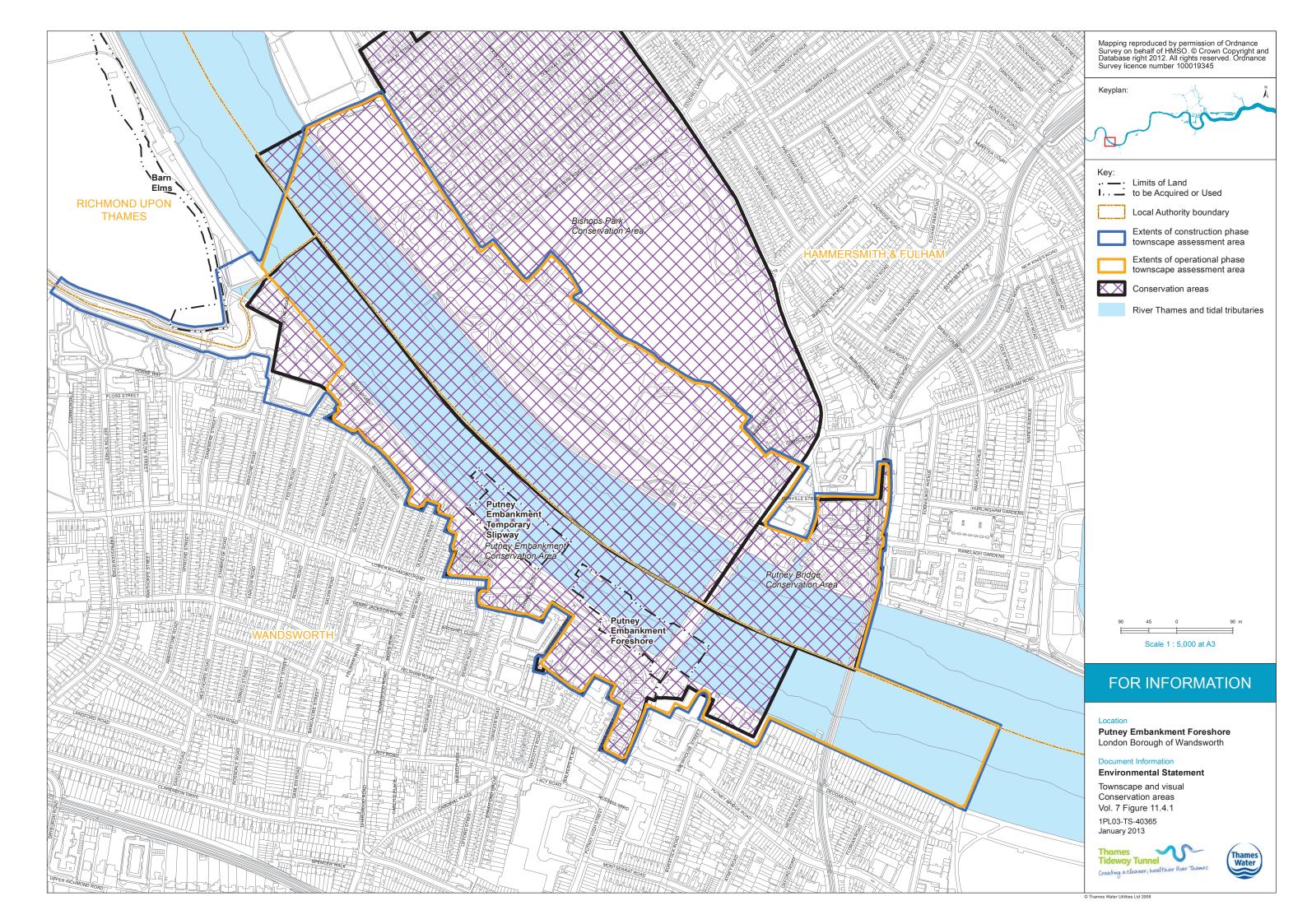


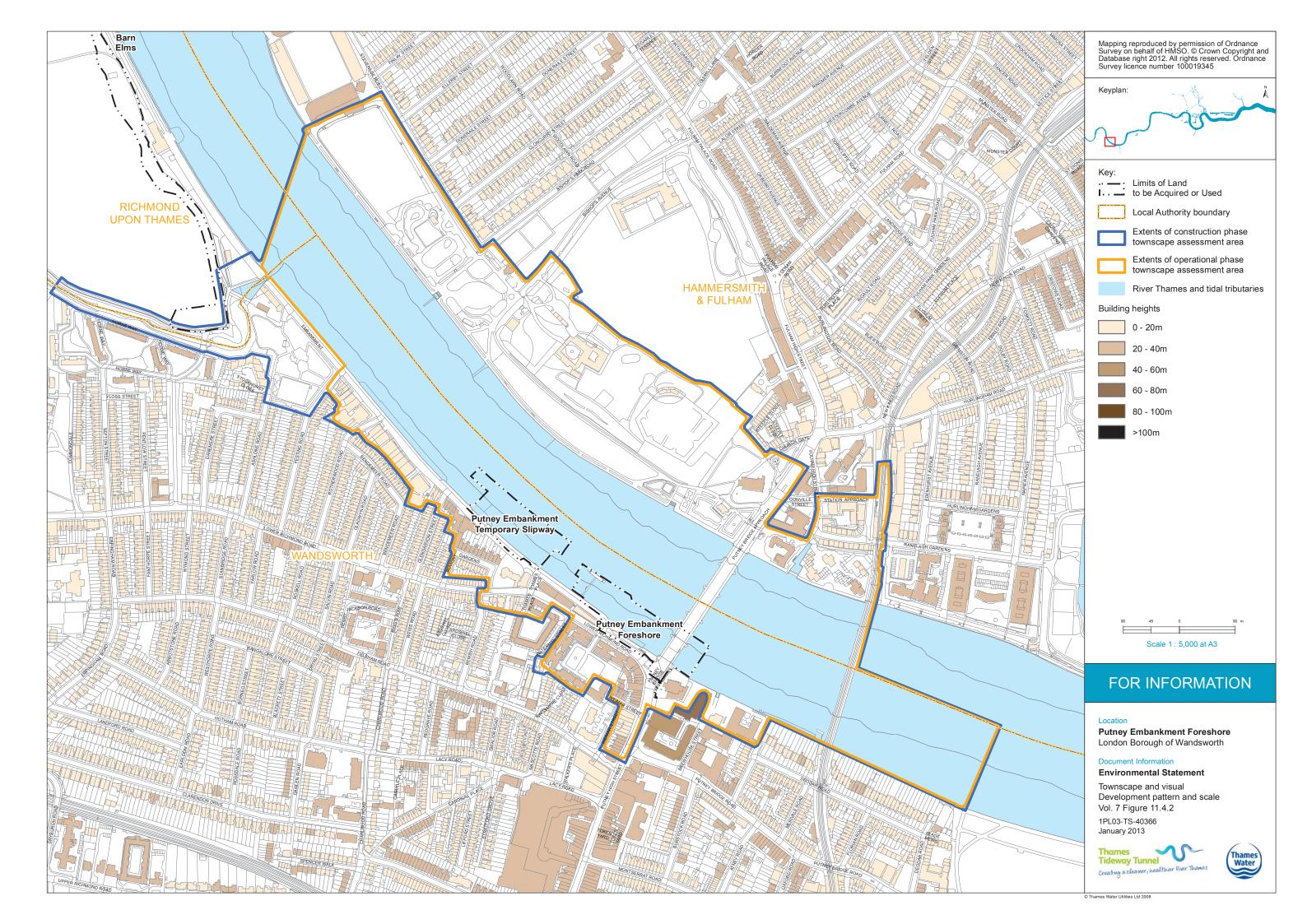


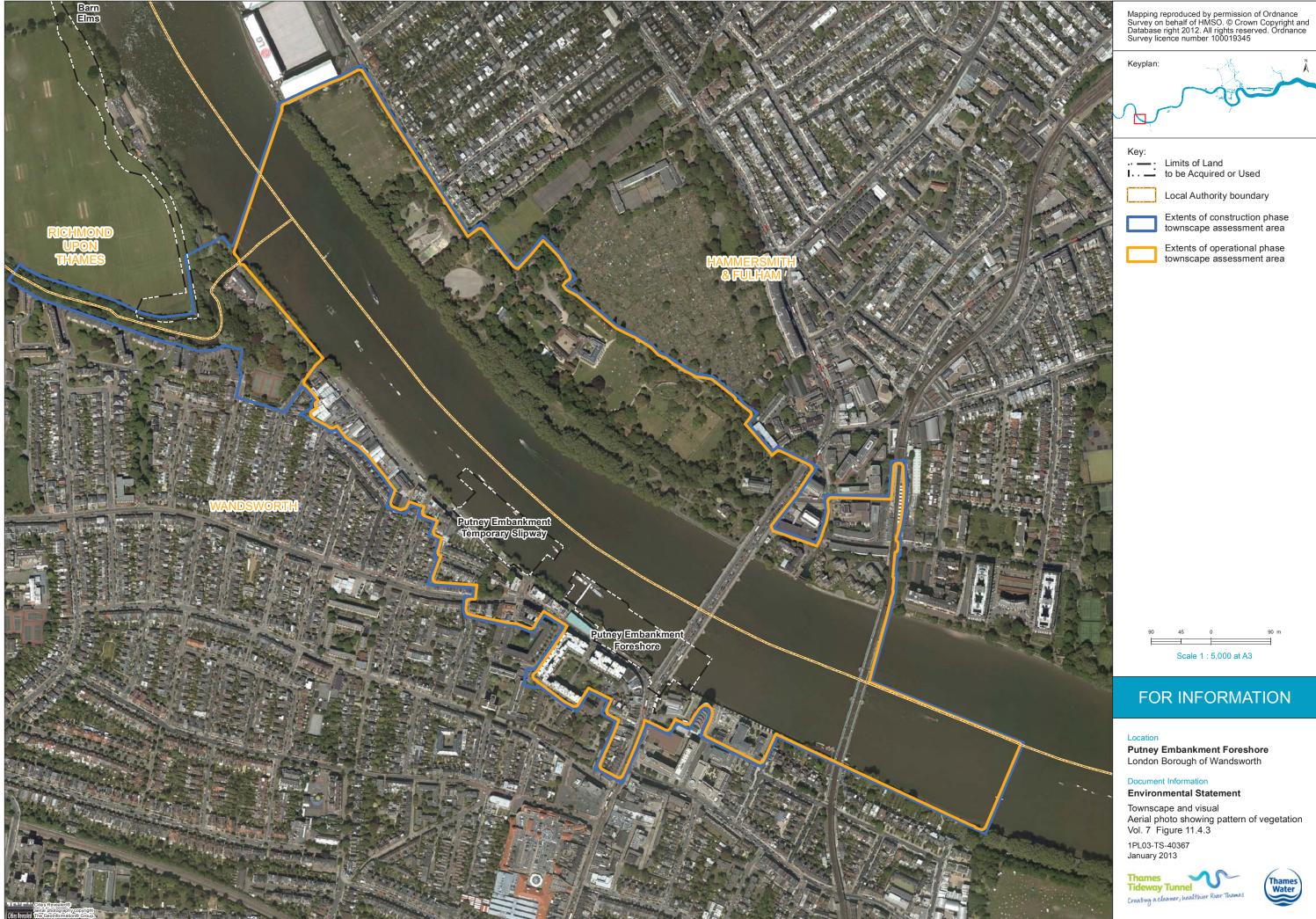


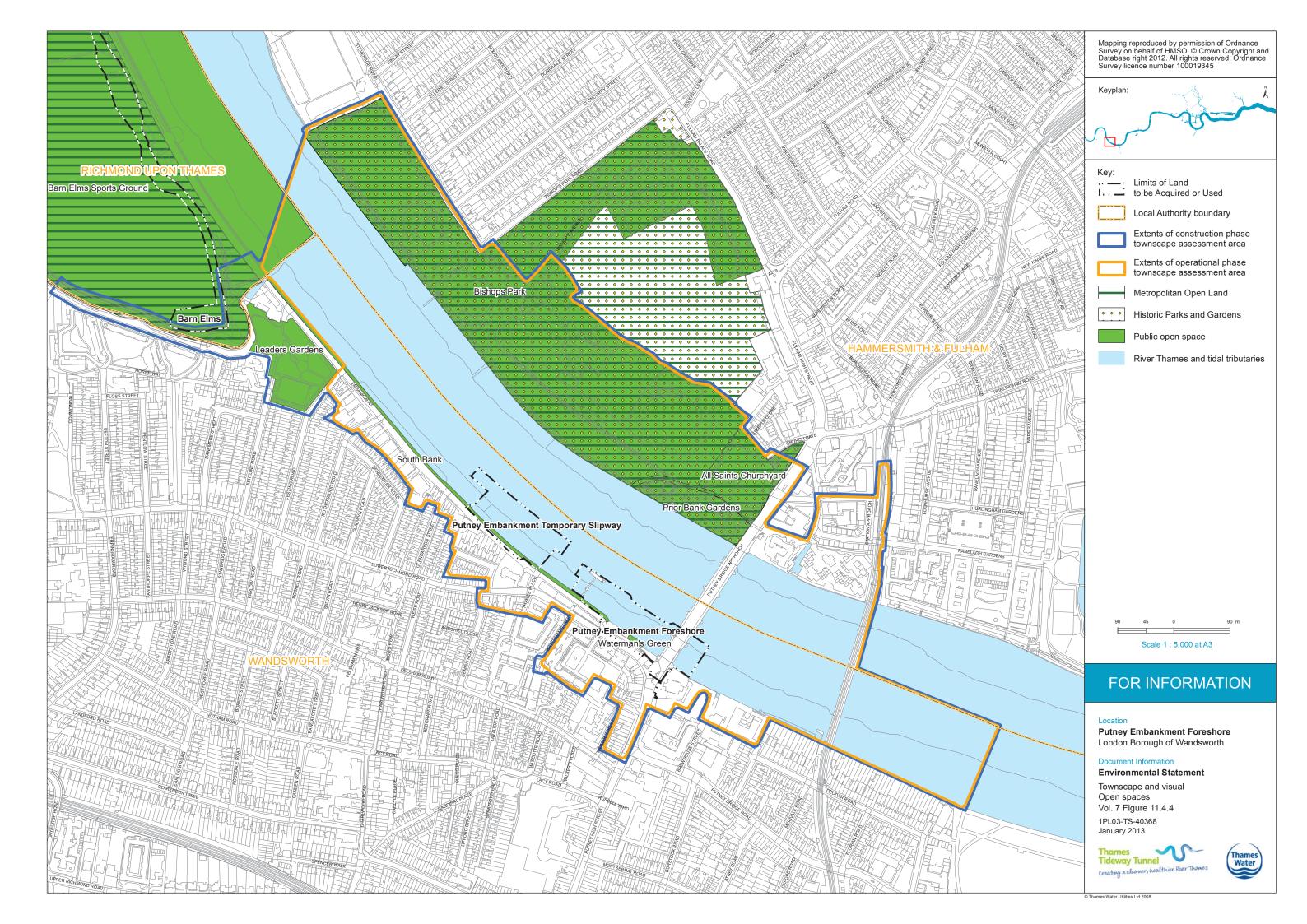


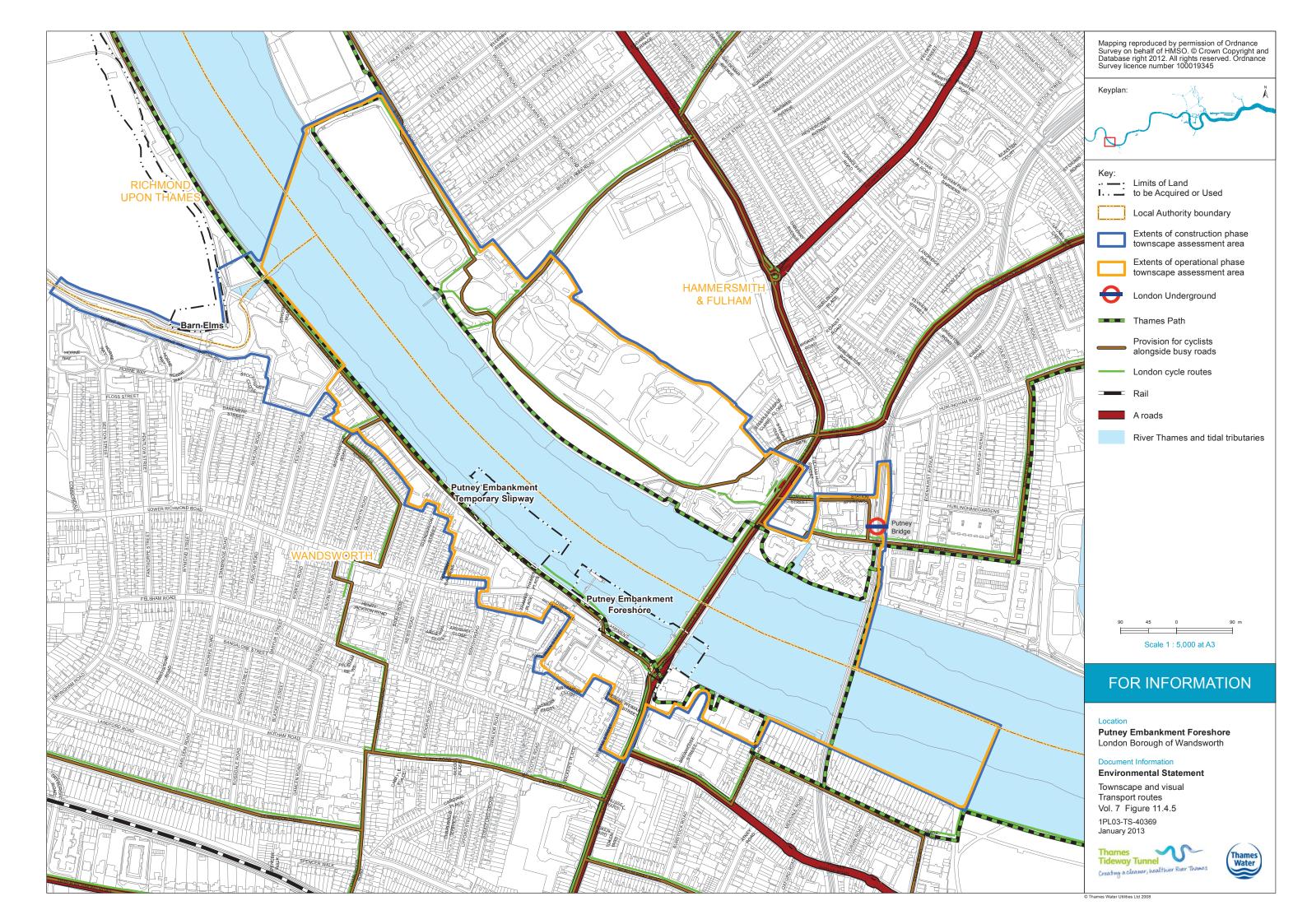


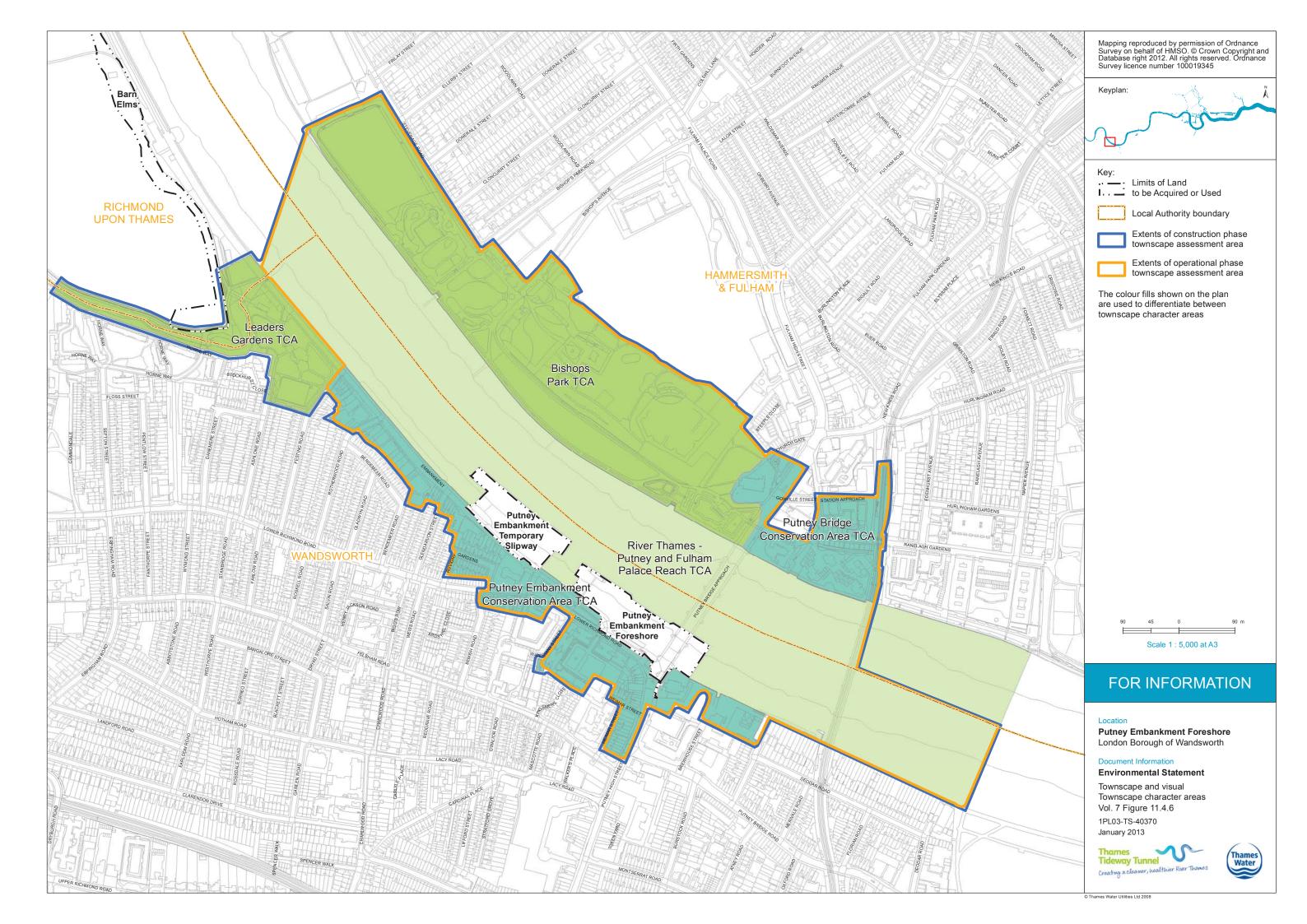


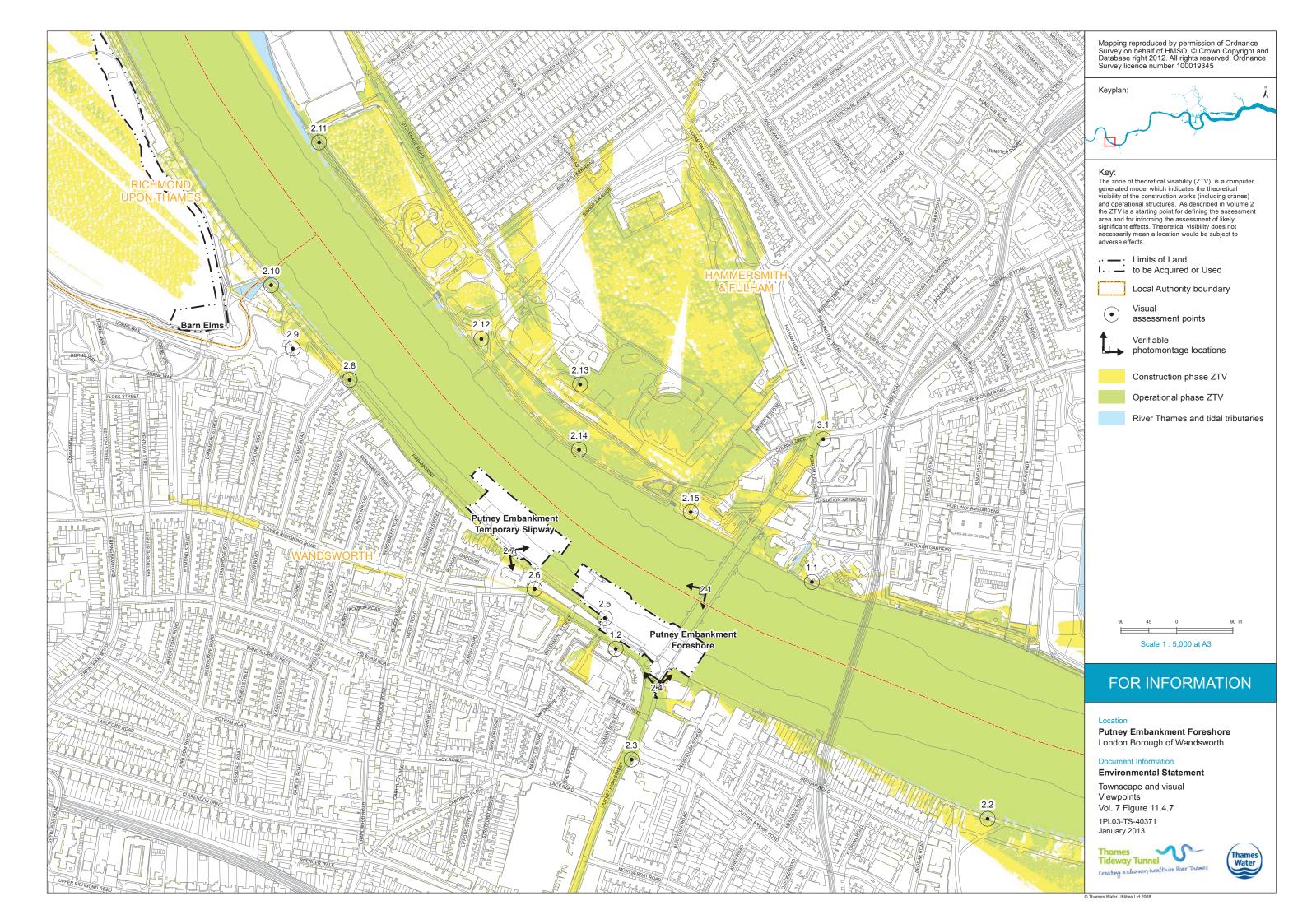


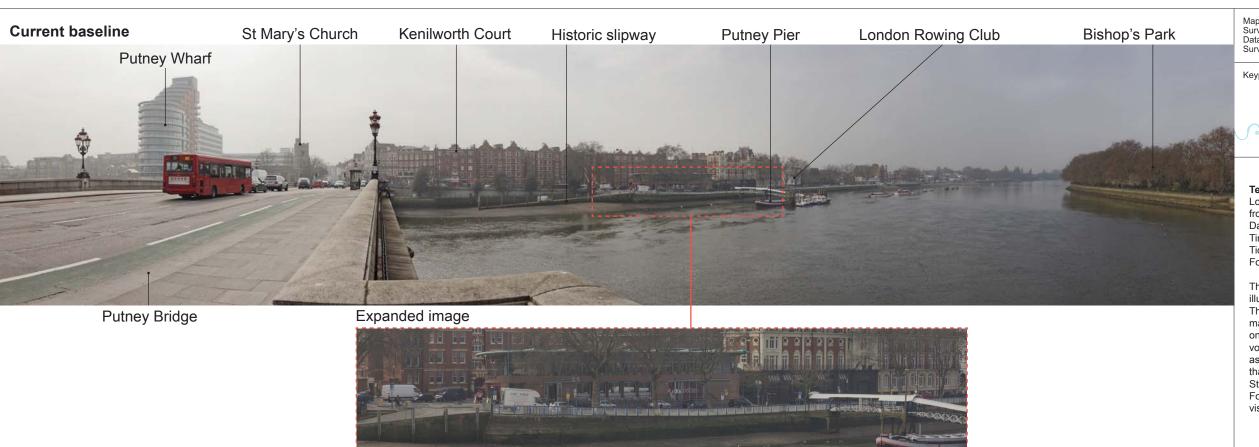




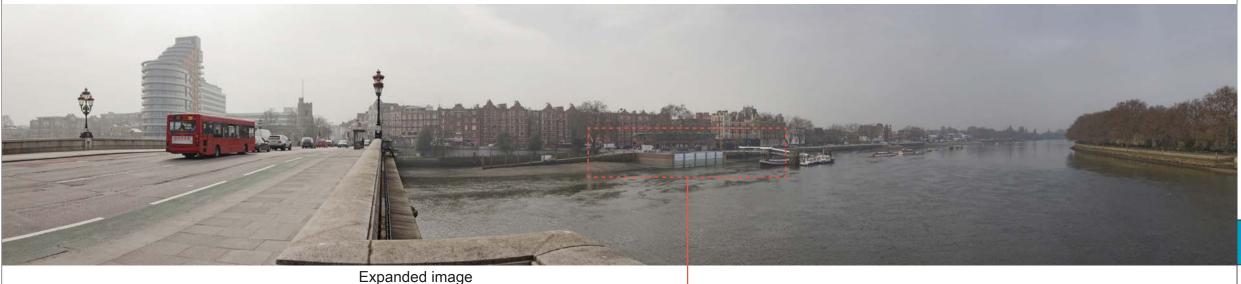








## Operational phase verifiable photomontage





New river wall

Ventilation column

Timber fendering

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Technical information
Location: Viewpoint 2.1: View southwest

from Putney Bridge
Date taken: 15 March 2011 Time taken: 12.40
Tide position: High tide Focal length: 51.694mm

This verifiable photomontage shows an illustration of the site in Year 1 of operation. The layout of the proposed development may change within the zones shown on the Site works parameter plan [see volume of figures – Section 1], however the assessment of effects would be no worse than that described in the Environmental Statement Vol 7 Putney Embankment Foreshore – Section 11 Townscape and visual.

# FOR INFORMATION

**Putney Embankment Foreshore** London Borough of Wandsworth

### **Environmental Statement**

Townscape and visual Viewpoint 2.1
Operational phase verifiable photomontage
Vol 7 Figure 11.6.1
1PL03-TS-40372 January 2013





**Current baseline** Putney Bridge St Mary's Church

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### Technical information

Location: Viewpoint 2.4: View northwest from Putney High Street outside St Mary's

Church

Date taken: 15 March 2011 Time taken: 13.27 Focal length: 51.692mm

This verifiable photomontage shows an illustration of the site in Year 1 of operation. The layout of the proposed development may change within the zones shown on the Site works parameter plan [see volume of figures – Section 1], however the assessment of effects would be no worse than that described in the Environmental Statement Vol 7 Putney Embankment Foreshore – Section 11 Townscape and visual.

## Expanded image



## Operational phase verifiable photomontage



# Expanded image



Ventilation column

# FOR INFORMATION

**Putney Embankment Foreshore** London Borough of Wandsworth

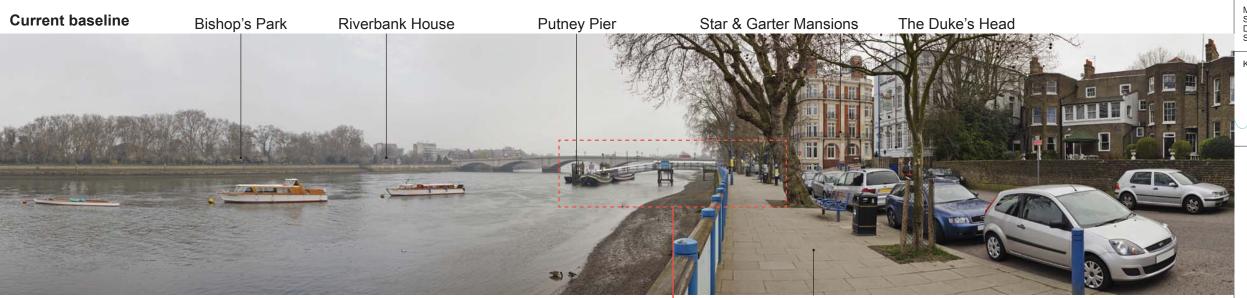
### **Environmental Statement**

Townscape and visual Viewpoint 2.4

Operational phase verifiable photomontage
Vol 7 Figure 11.6.2
1PL03-TS-40373 January 2013







Expanded image

Thames Path



## Operational phase verifiable photomontage



## Expanded image



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### **Technical information**

Location: Viewpoint 2.7: View southeast from Embankment outside the Dukes Head

Date taken: 15 March 2011 Time taken: 12.58
Tide position: Low tide Focal length: 51.697mm

This verifiable photomontage shows an illustration of the site in Year 1 of operation. The layout of the proposed development may change within the zones shown on the Site works parameter plan [see volume of figures – Section 1], however the assessment of effects would be no worse than that described in the Environmental Statement Vol 7 Putney Embankment Foreshore – Section 11 Townscape and

# FOR INFORMATION

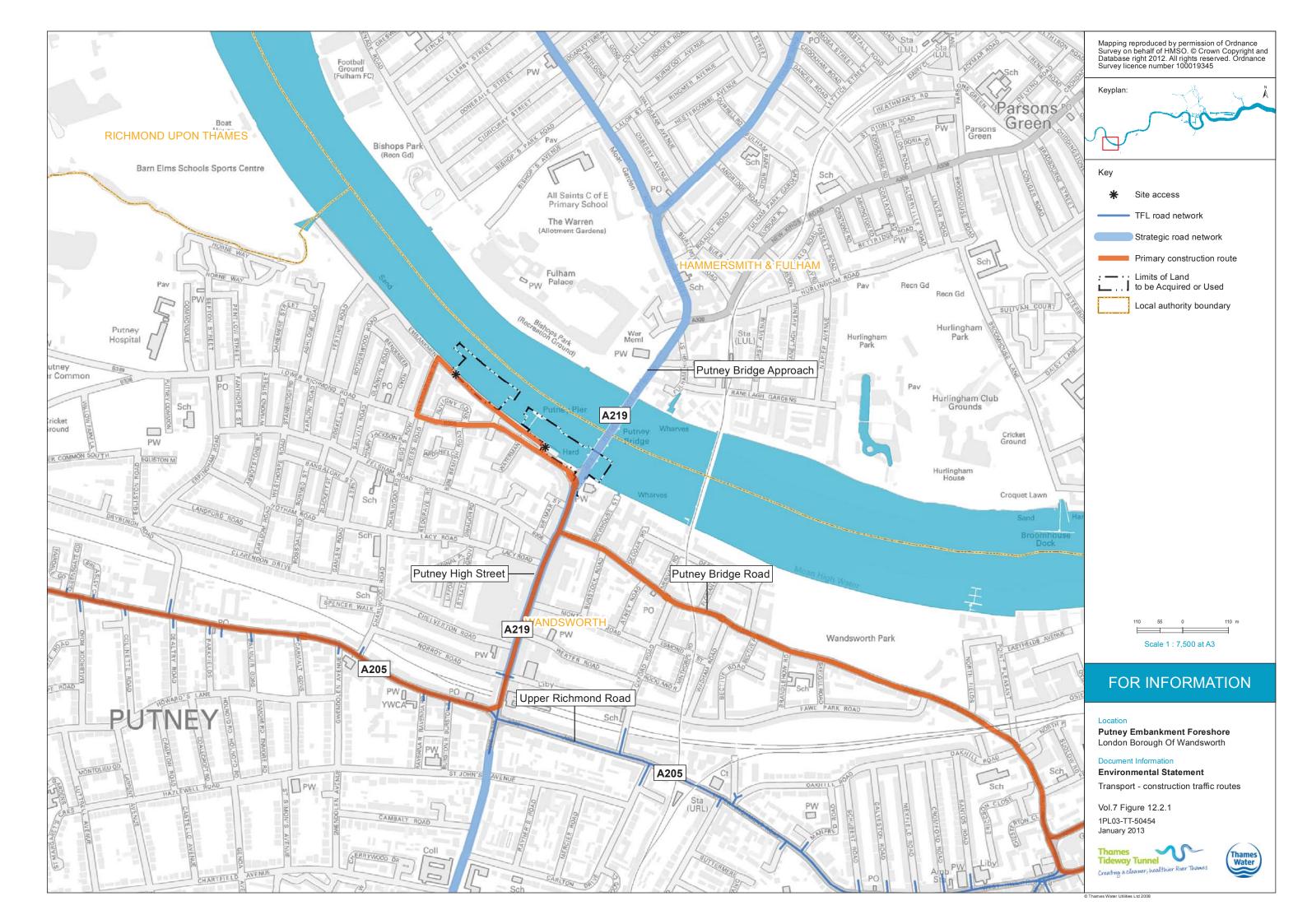
**Putney Embankment Foreshore** London Borough of Wandsworth

### **Environmental Statement**

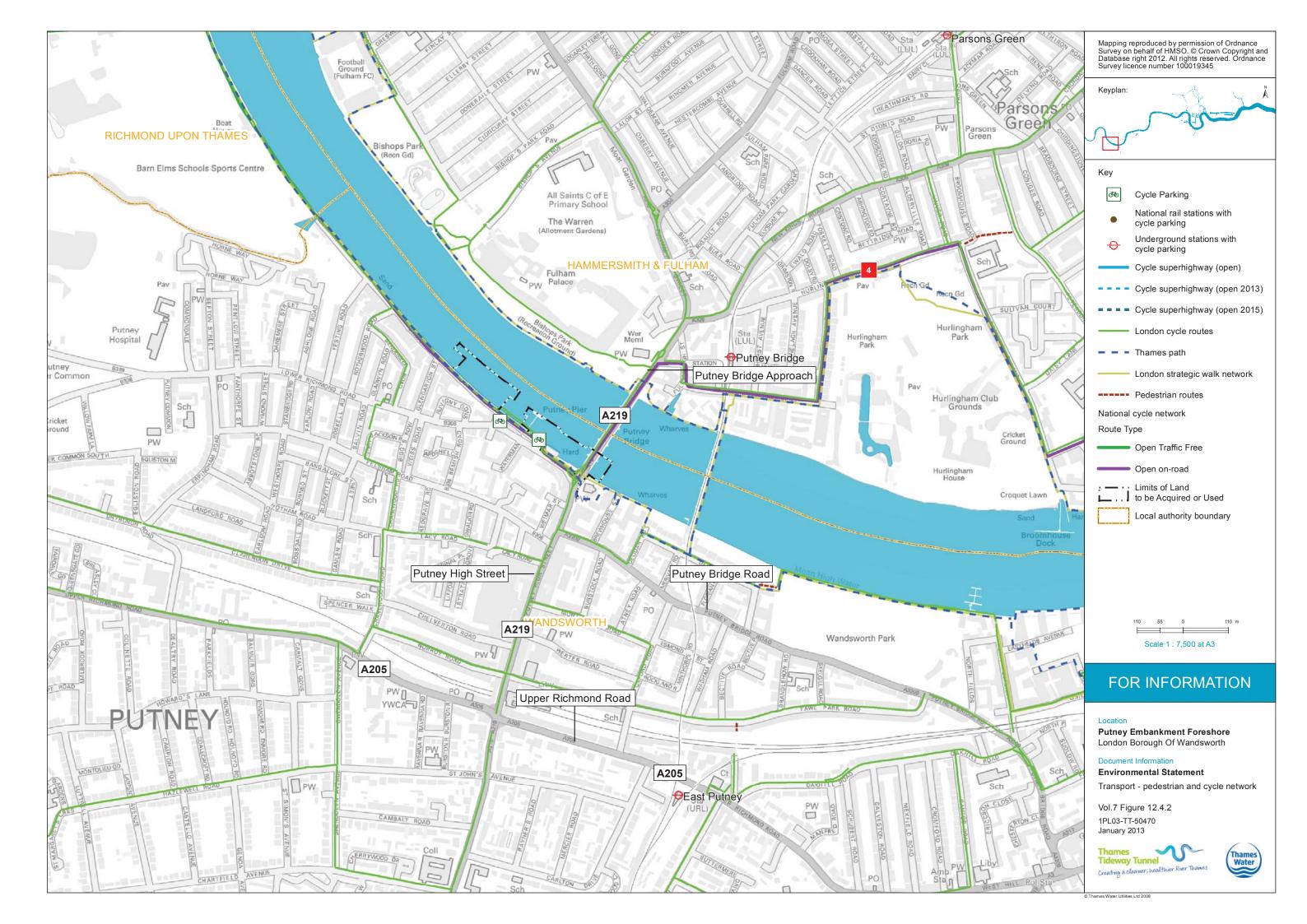
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Operational phase verifiable photomontage
Vol 7 Figure 11.6.3 1PL03-TS-40374 January 2013

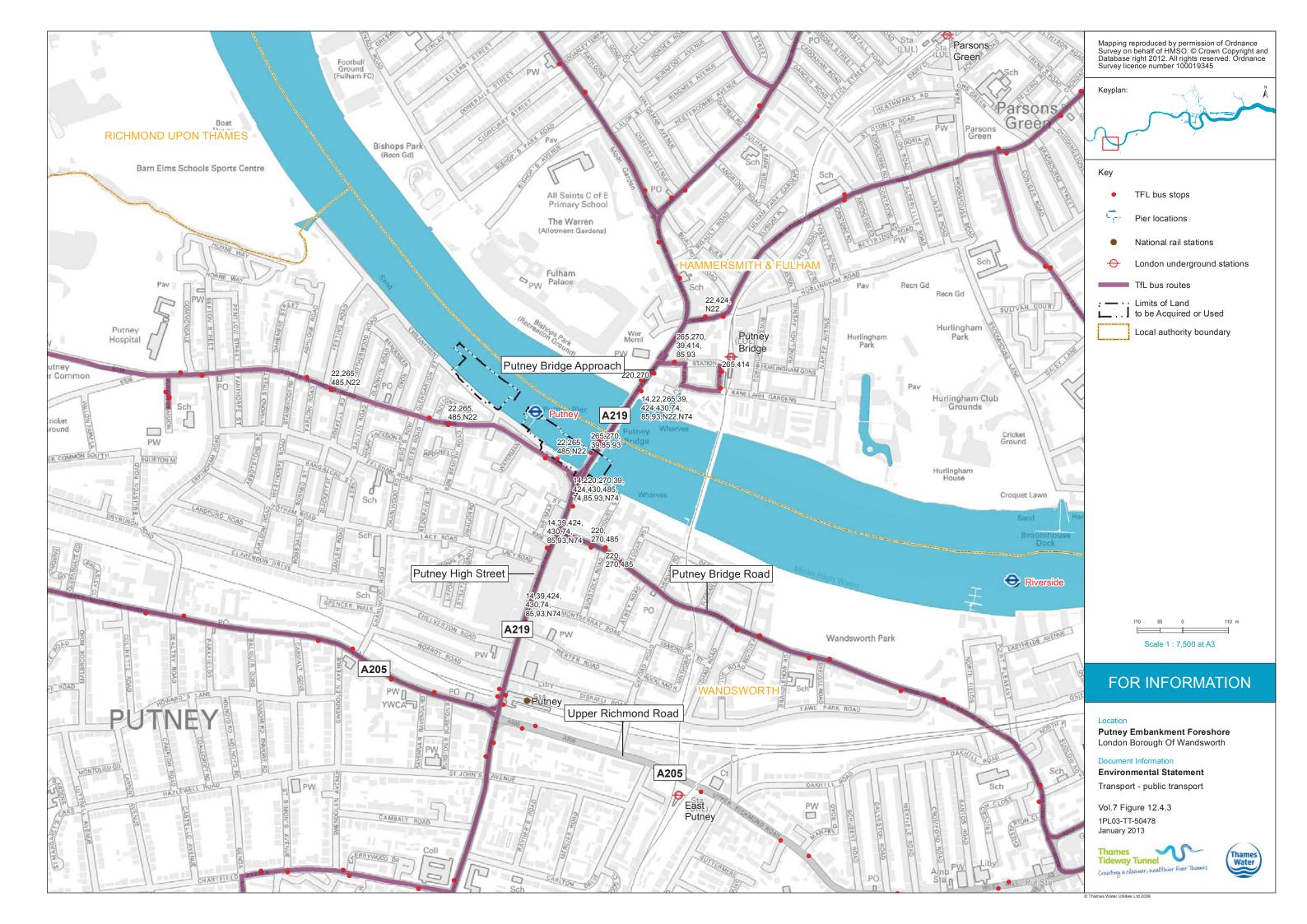




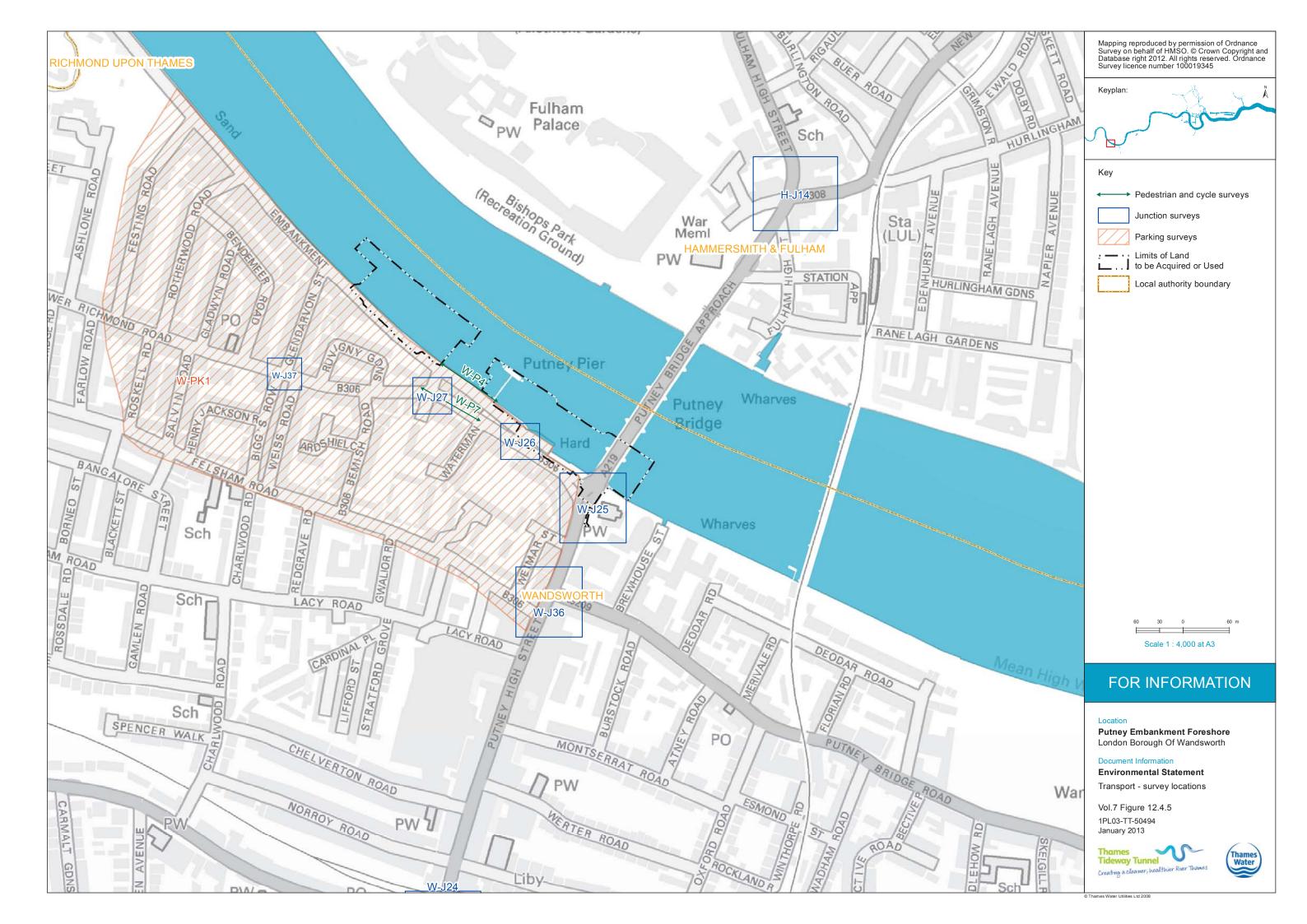












Site: Putney Bridge Foreshore

Borough: Wandsworth

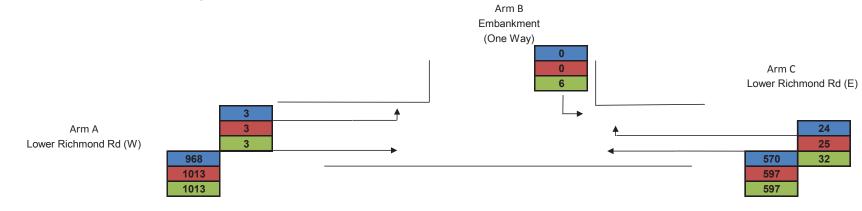
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Junction no.: PBA 11

Data: Traffic Flow in PCUs - PM Peak Hour

from Traffic Survey





Site: Putney Bridge

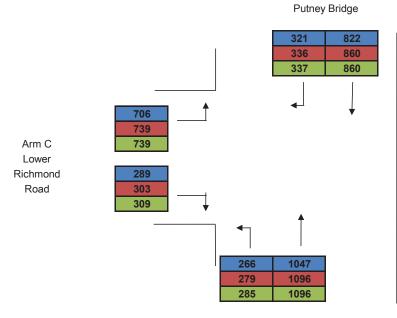
Borough: Wandsworth

Junction: Putney Bridge / Putney High Street / Lower Richmond Road

Junction no.: PBA 47

Data: Traffic Flow in PCUs - PM Peak Hour

from Traffic Survey



Arm B Putney High Street

Arm A

# FOR INFORMATION

Location

Putney Bridge Foreshore London Borough of Wandsworth

**Document Information** 

**Environmental Statement** 

Baseline, Construction and Development case traffic flow (AM peak hour)

Vol. 7 Figure 12.4.6 1PL03-TT-50865 January 2013





Site: Putney Bridge Foreshore

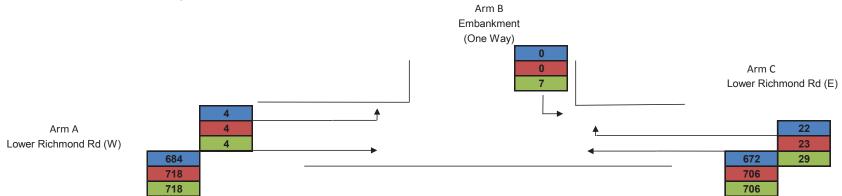
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Junction: Lower Richmond Rd/ Embankment

Junction no.: PBA 11

Data: Traffic Flow in PCUs - PM Peak Hour

from Traffic Survey



Site: Putney Bridge

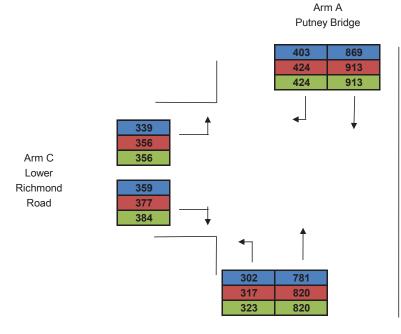
Borough: Wandsworth

Junction: Putney Bridge / Putney High Street / Lower Richmond Road

Junction no.: PBA 47

Data: Traffic Flow in PCUs - PM Peak Hour

from Traffic Survey



Arm B Putney High Street



# FOR INFORMATION

### Location

Putney Bridge Foreshore London Borough of Wandsworth

Document Information

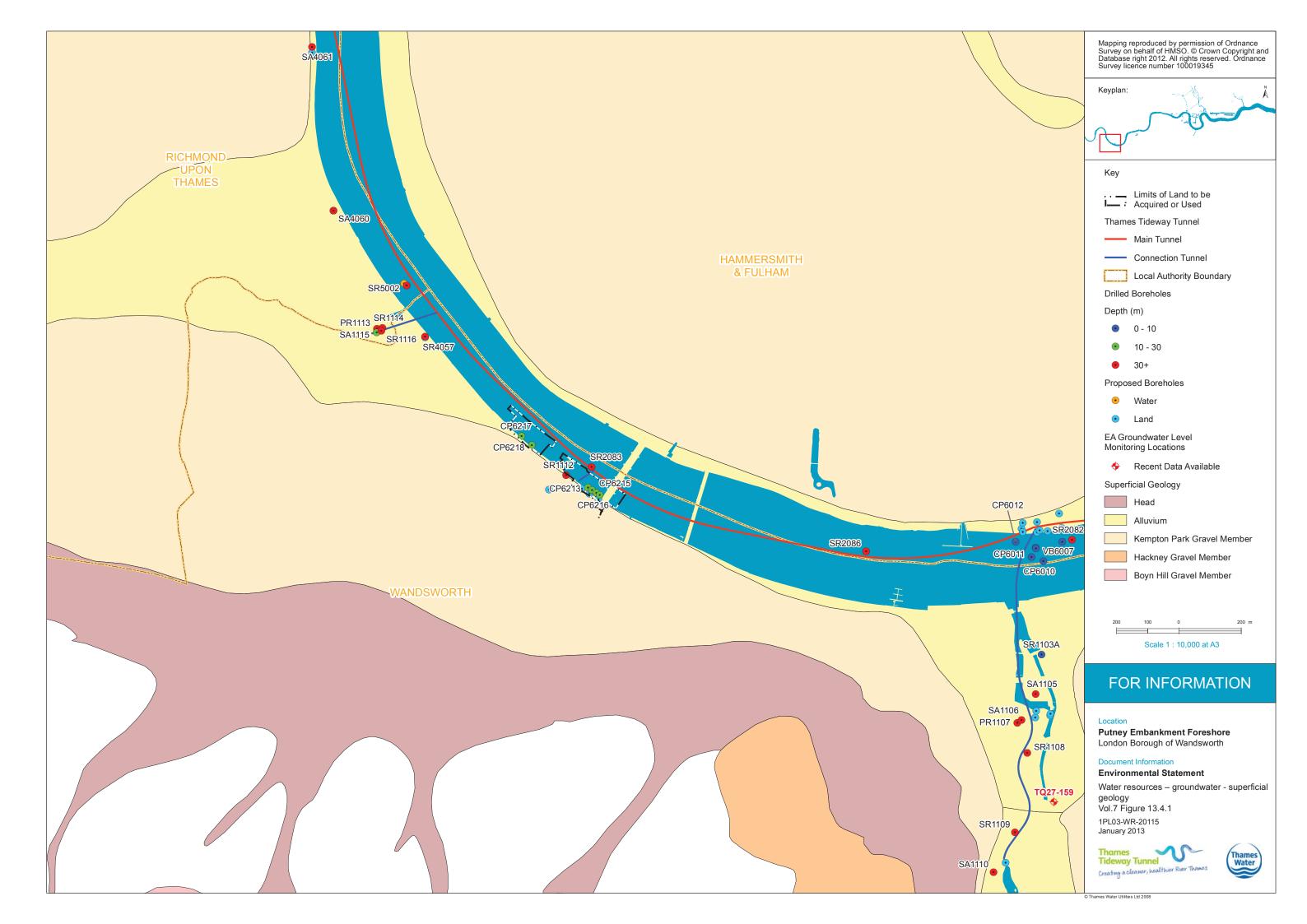
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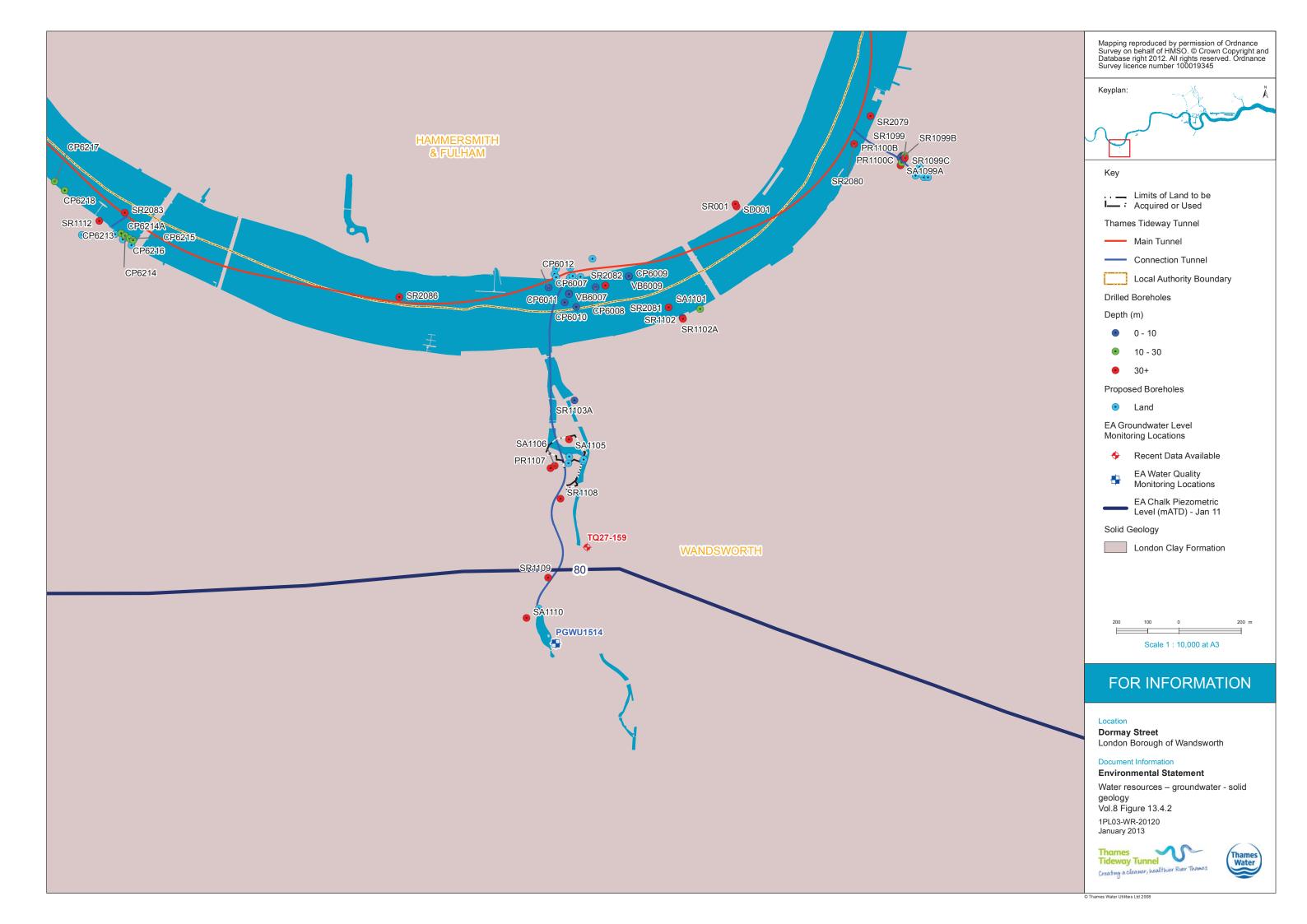
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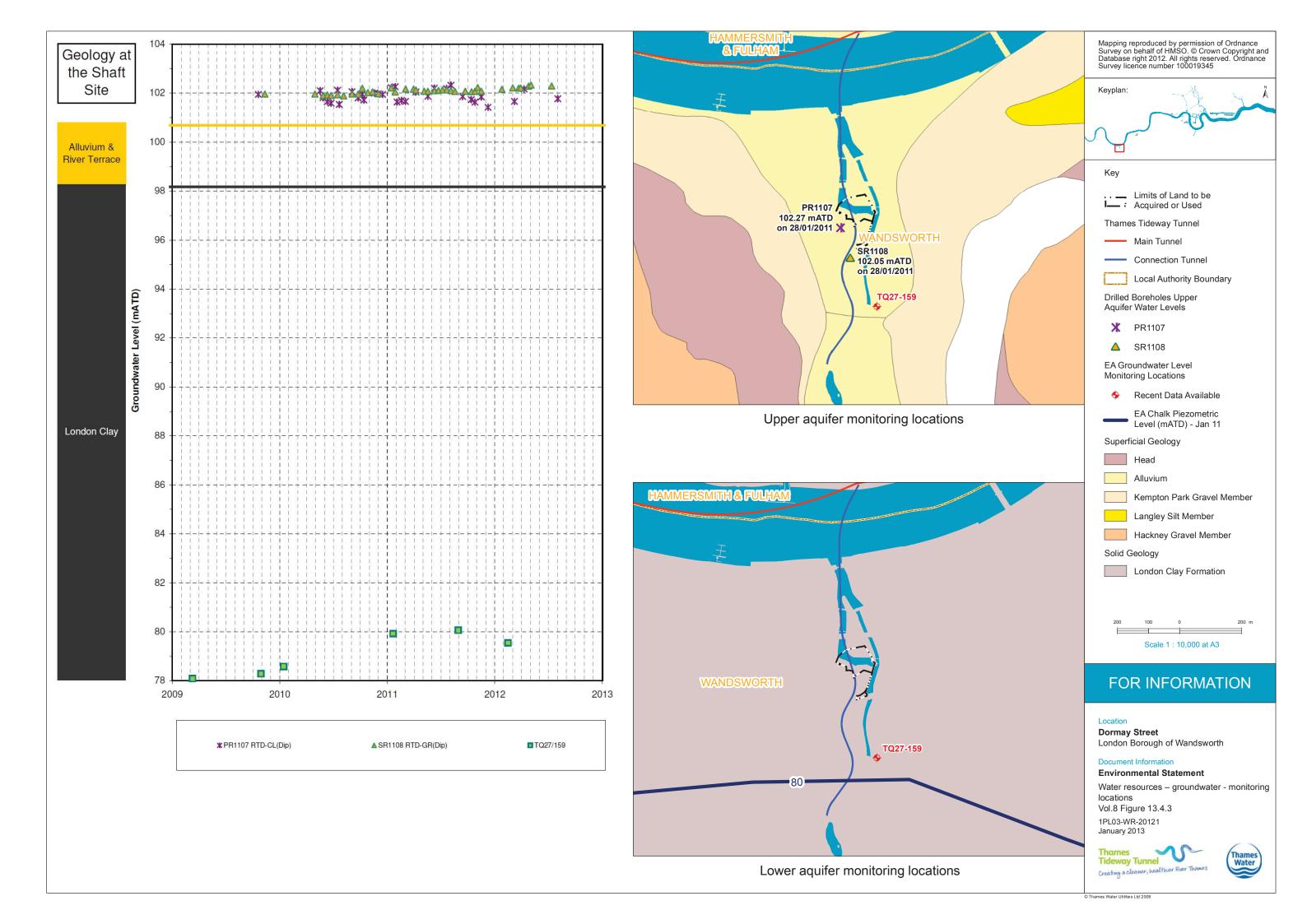
Vol. 7 Figure 12.4.7 1PL03-TT-50889 January 2013

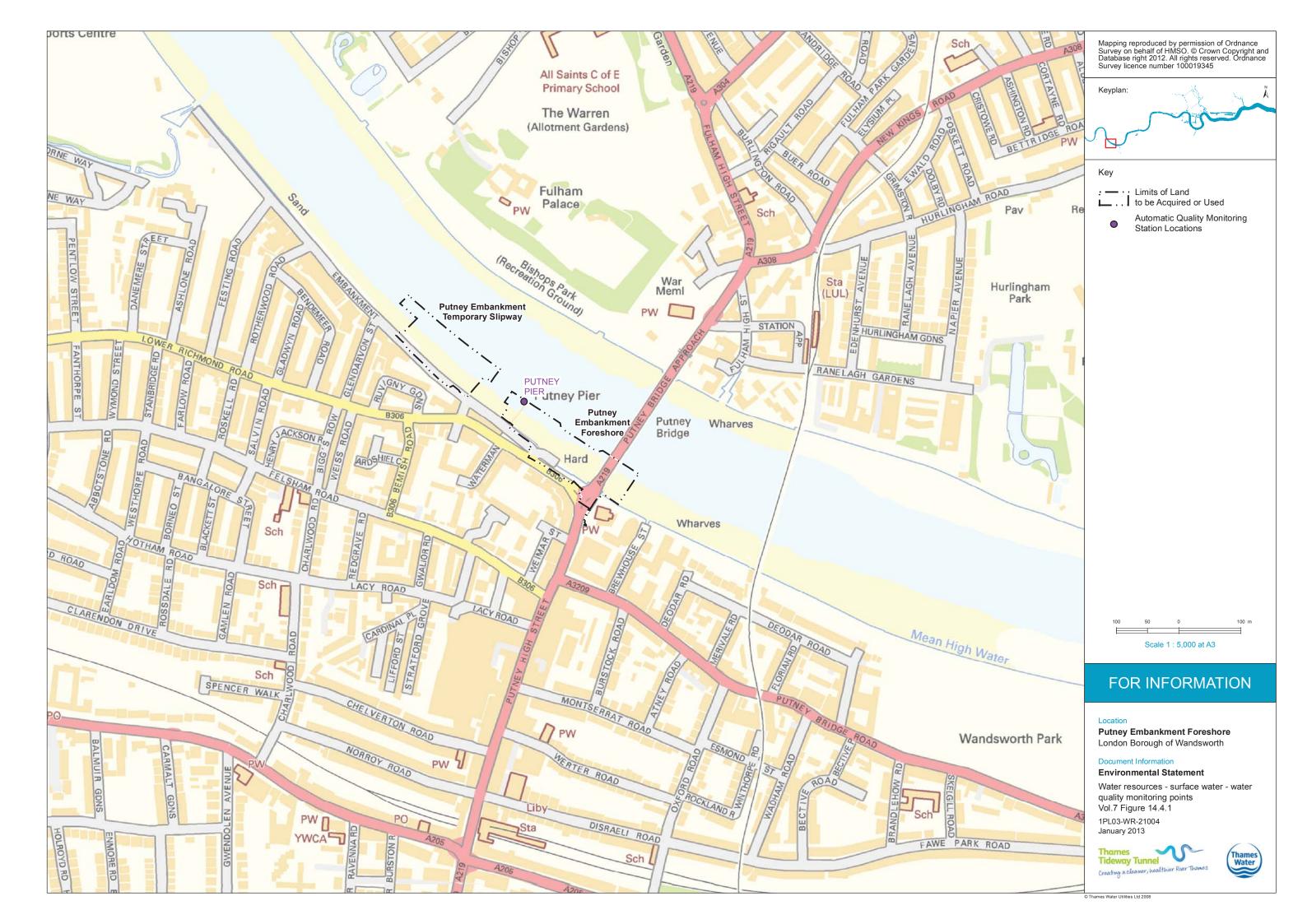


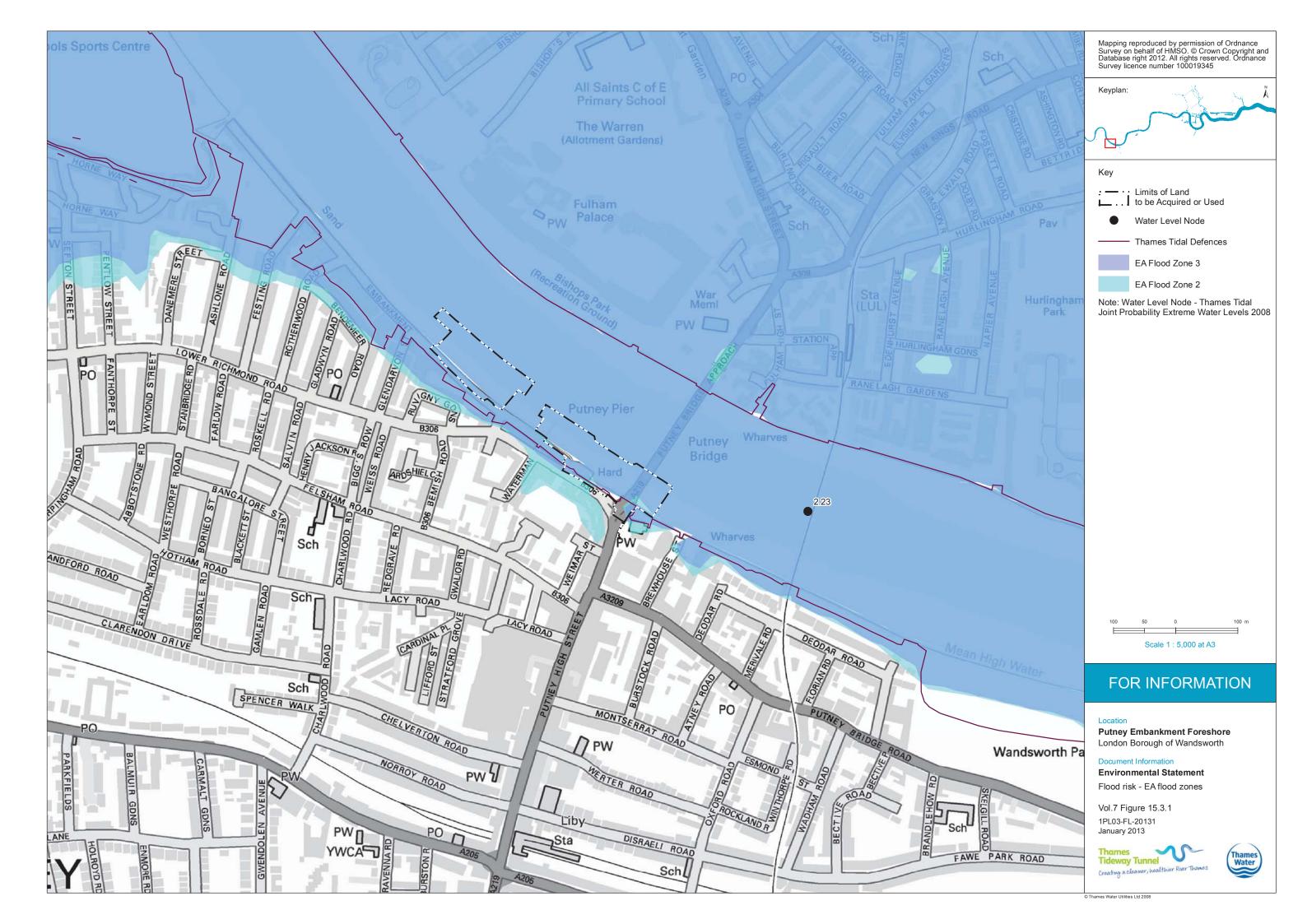


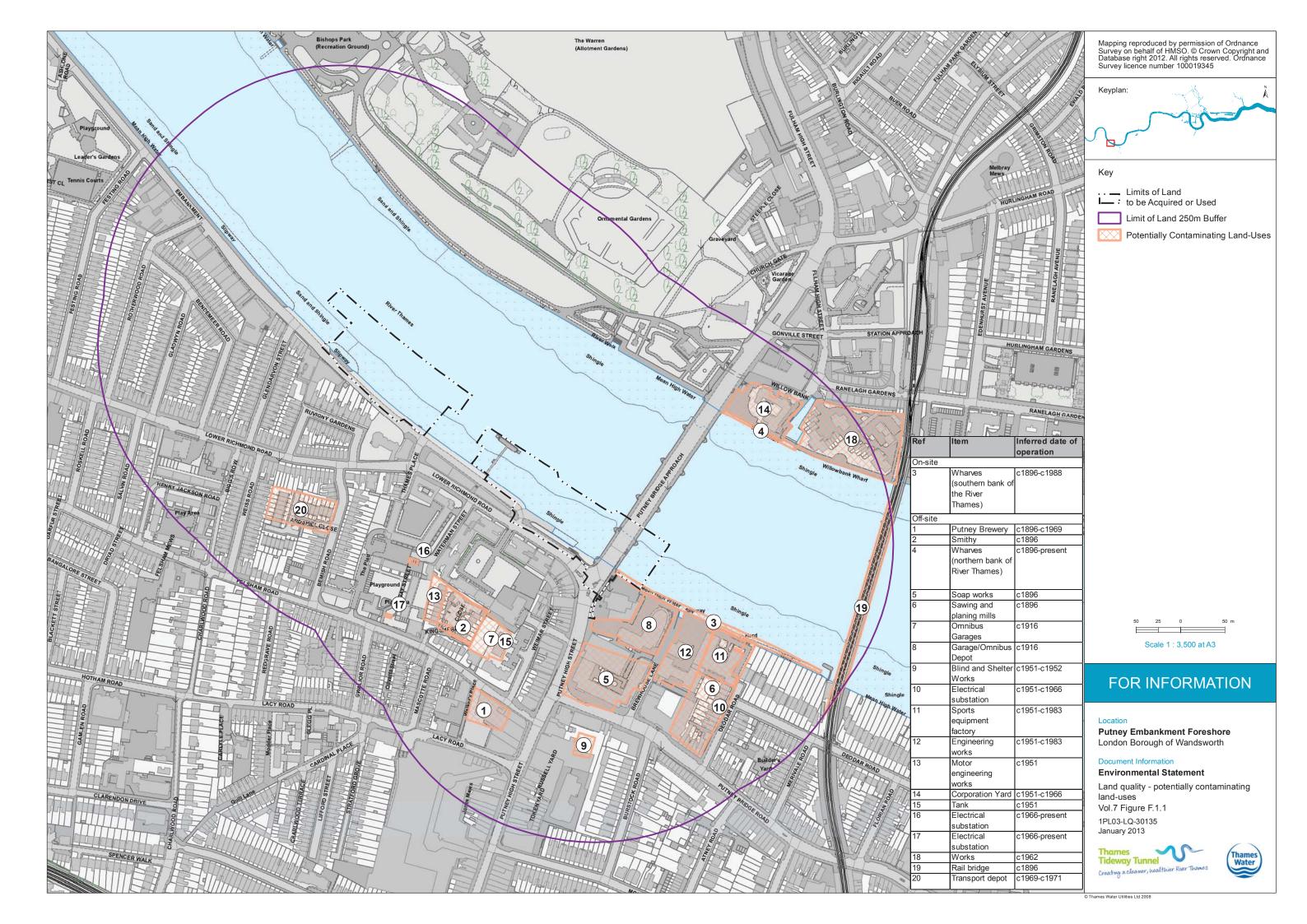


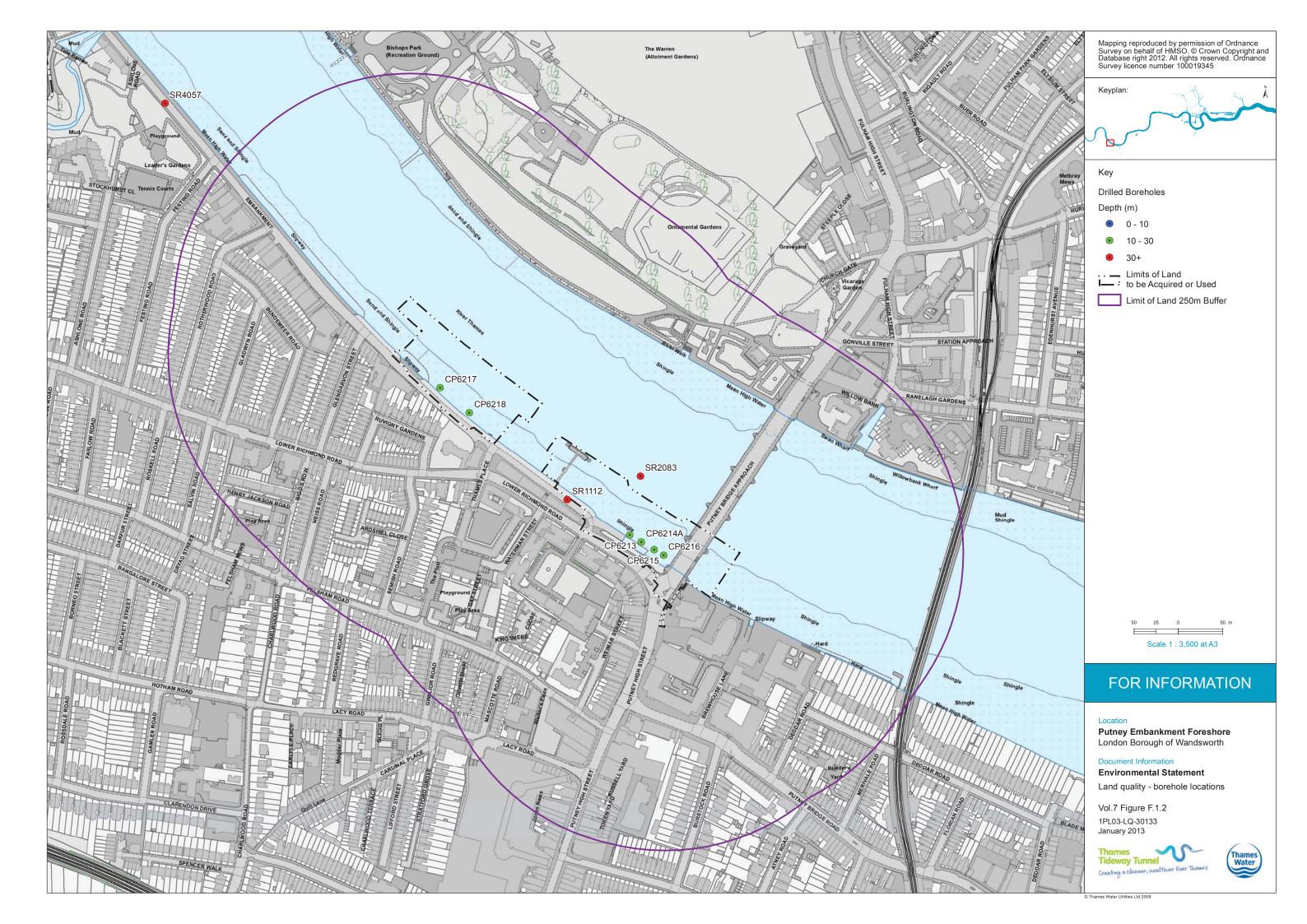


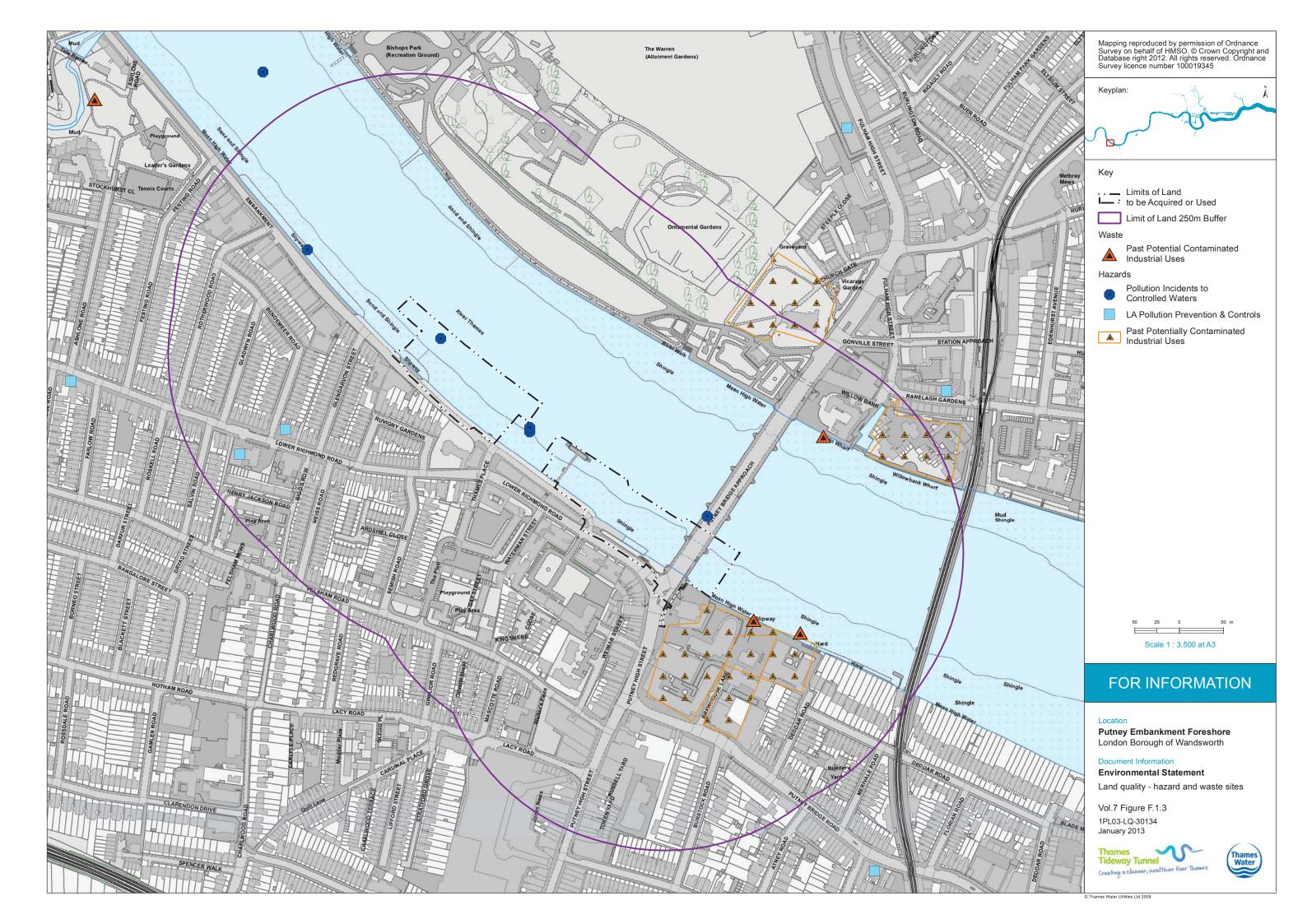


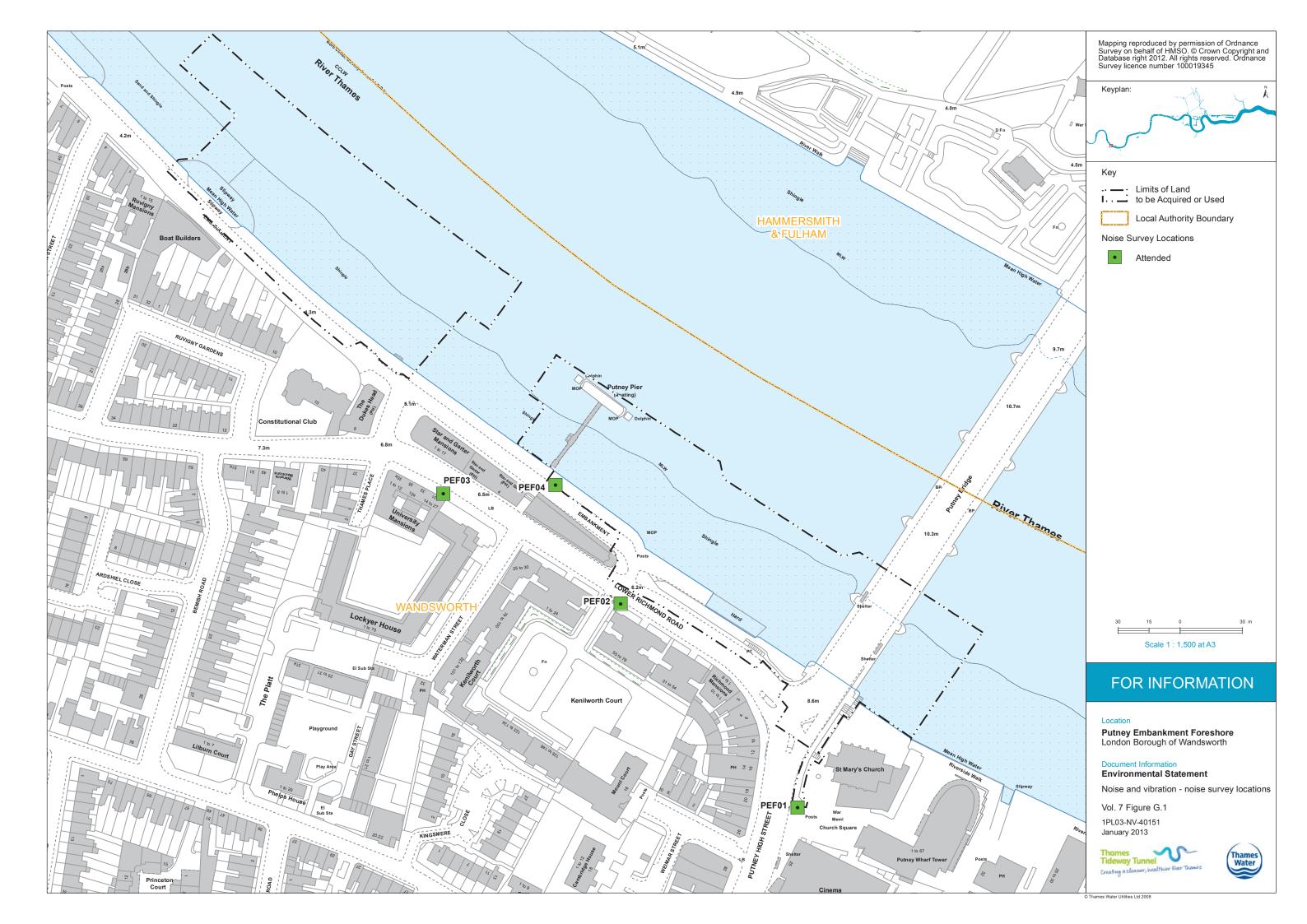


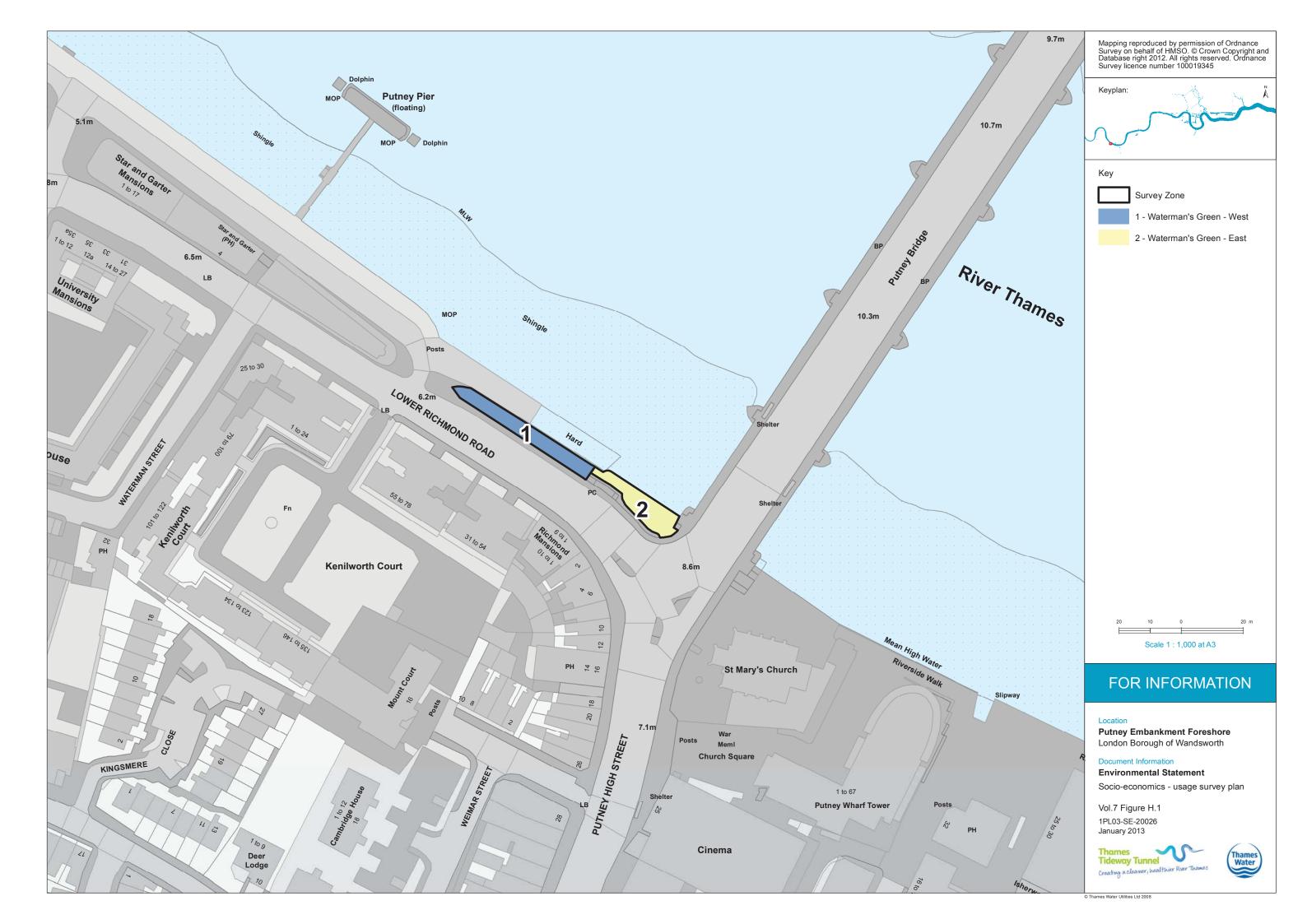


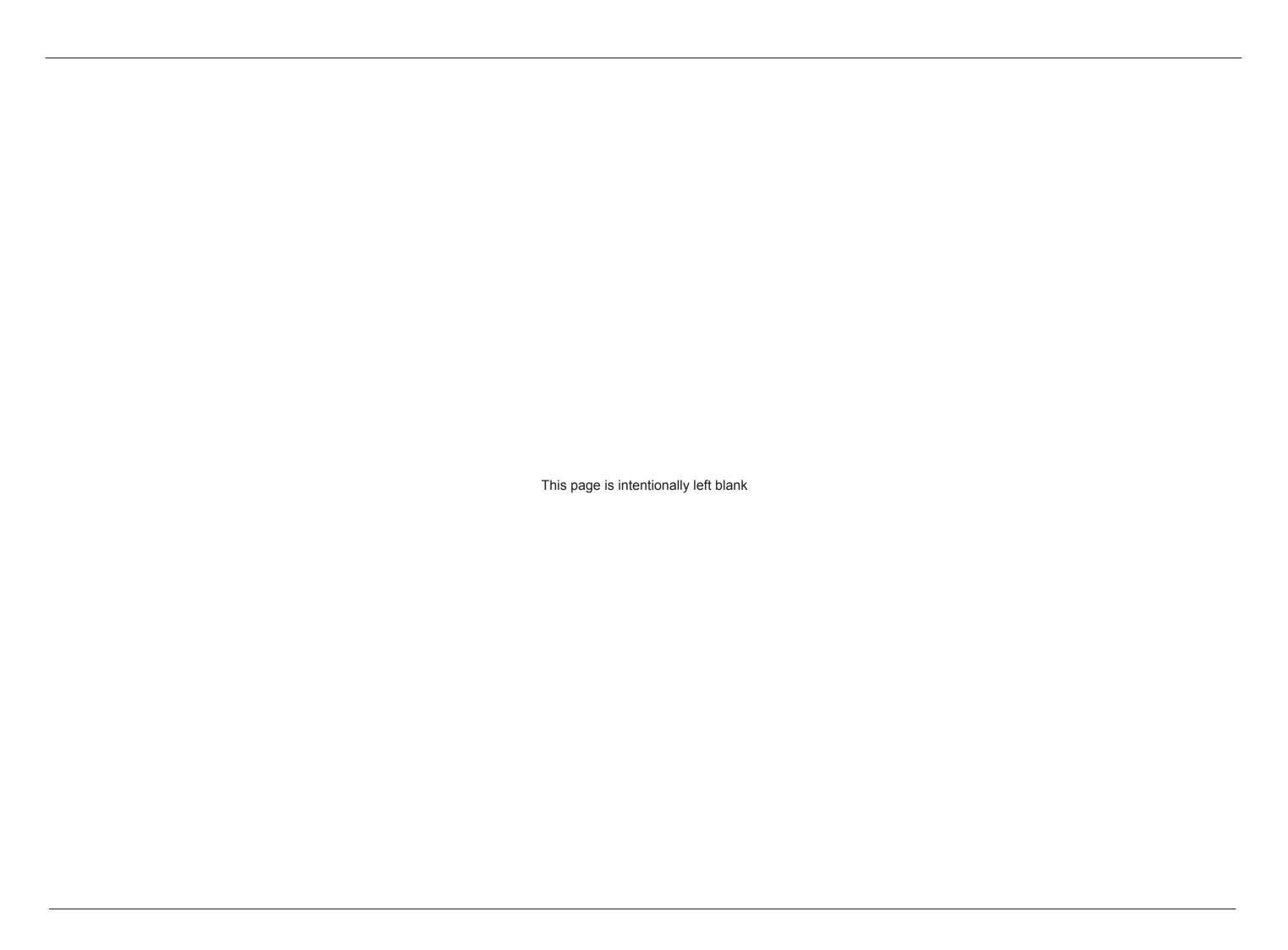












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