

**KEY**

- The Scheme (illustrative)
- Local Character Areas
- Order Limits
- Conservation Area (CA)
- National Park (NP)\*
- 3km Study Area

Note:  
\* The Broads National Park is not a national park in law but it has been accepted this is the brand name they are able to use.

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



**DRAWING TITLE**

Townscape Constraints  
Regulation 5(2)(p)  
Figure 10.1

**DRAWING STATUS**

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

SCALE @ A3 SIZE	DATE	REVISION
1:25,000	18/06/2018	P00

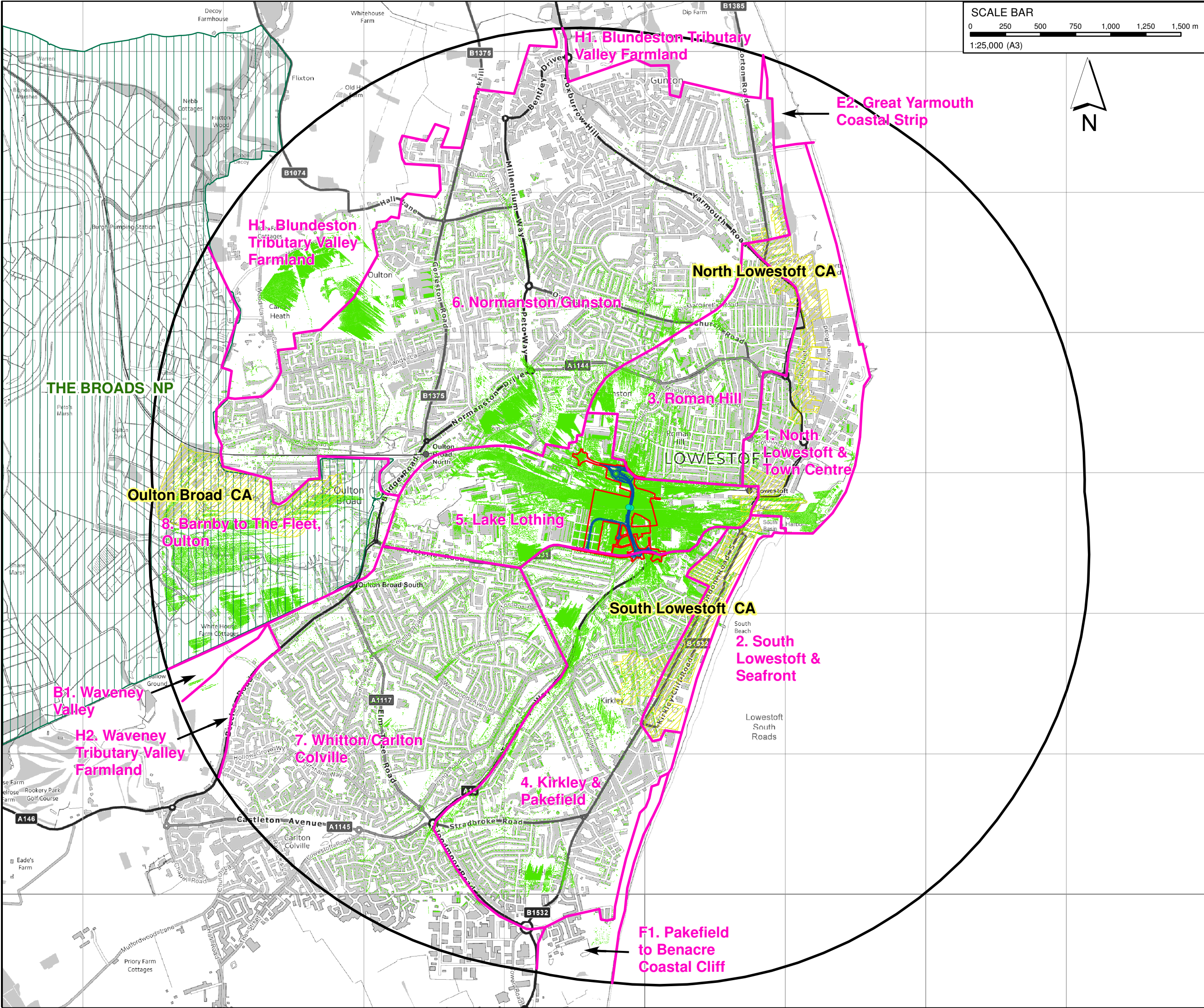
DRAWING NUMBER				
Project		Originator		Volume
1069948-WSP-ETS-LL-SK-LE-0001				
Location		Type		Role
				Number

Local Character Area	LCA 1 North Lowestoft and Town Centre	Medium
	LCA 2 South Lowestoft & Seafront	Medium
	LCA 3 Roman Hill	Low
	LCA 4 Kirkley & Pakefield	Medium
	LCA 5 Lake Lothing	Low
	LCA 6 Normanston/Gunston	Medium
	LCA 7 Whitton/Carlton Colville	Medium
	LCA 8 Oulton Broad	High
Sensitivity Change		
Summary of Local Character Area sensitivity to change		









KEY

- The Scheme (illustrative)
- Local Character Areas
- Order Limits
- 3KM Study Area
- Conservation Area (CA)
- National Park (NP)
- Zone of Theoretical Visibility – Bridge Lowered
- ZTV Observer Location

Note:  
The visual analysis was carried out using the Viewshed Analysis tool in ArcMAP 10.5 and was based on:  
  
- 2008-2009 LiDAR Digital Surface Modelling (DSM) at 1m resolution. +/-10cm for XY values and +/-5cm for Z values.  
  
- 2 XYZ co-ordinates to replicate high point of each arm of the counterweight of the bridge when lowered.

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.

REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

DRAWING TITLE

Zone of Theoretical Visibility - Bridge Lowered Regulation 5(2)(a) Figure 10.3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

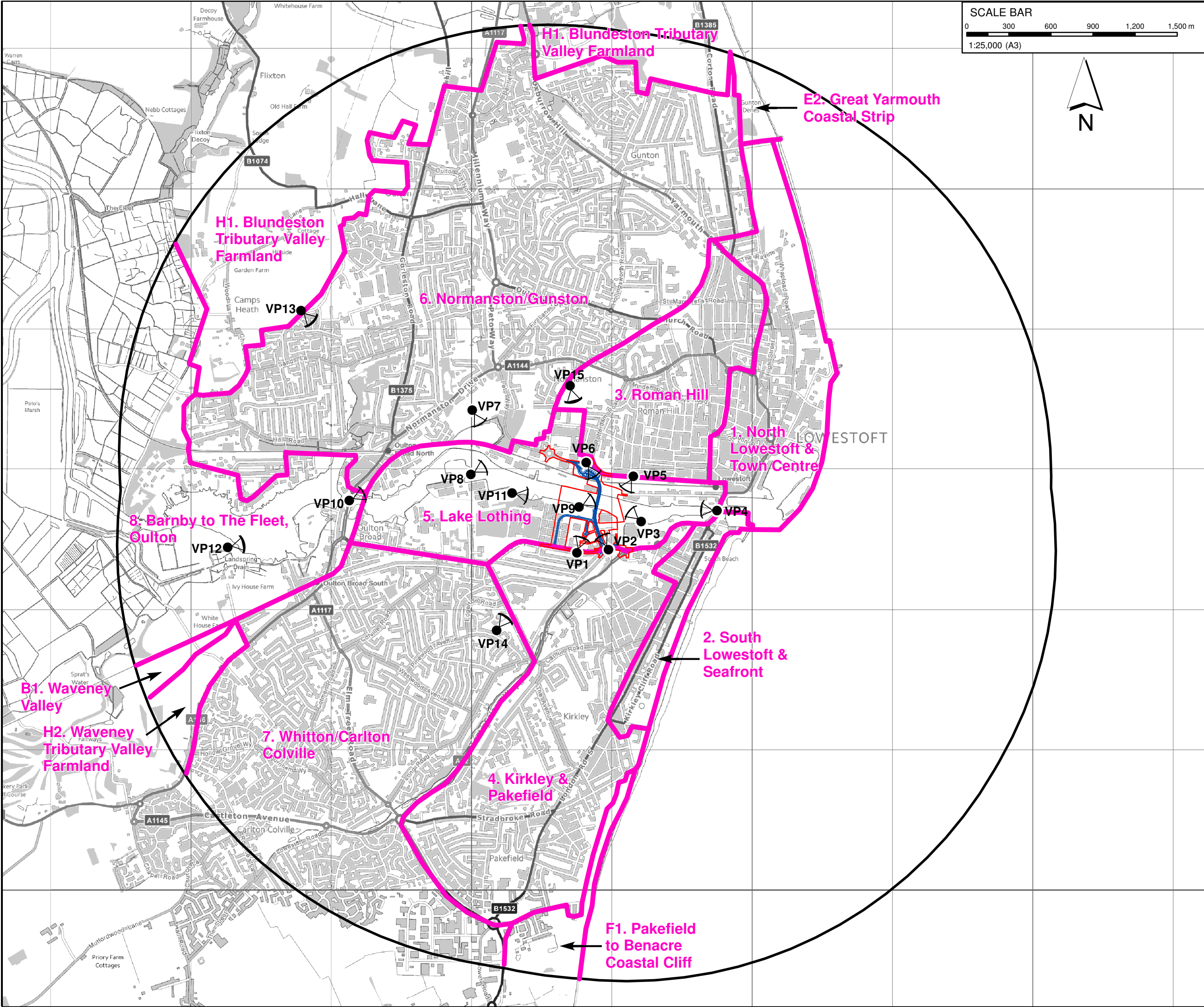
SCALE @ A3 SIZE	DATE	REVISION
1:25,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0003				
Location	Type	Role	Number	









KEY

The Scheme (illustrative)

Local Character Areas

Order Limits

3KM Study Area

Viewpoint Location and Direction of View

VP1

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.

REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

Lake Lothing  
THIRD  
CROSSING

DRAWING TITLE

Key Viewpoint Locations  
Regulation 5(2)(a)  
Figure 10.5

DRAWING STATUS

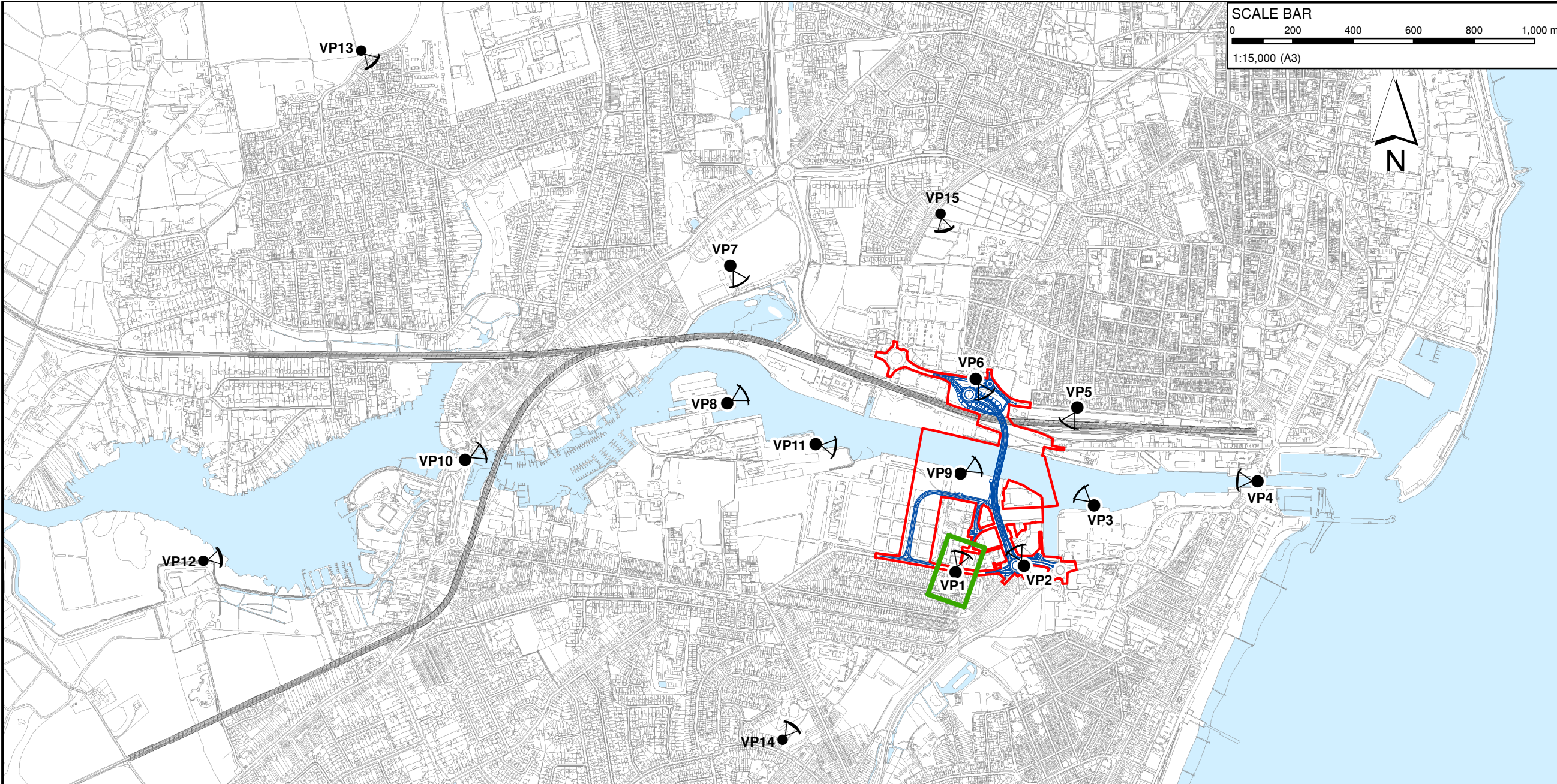
For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

SCALE @ A3 SIZE	DATE	REVISION
1:25,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0005				
Location	Type	Role	Number	





KEY

- The Scheme (illustrative)
- Order Limits
- Key Viewpoint Location and Direction of View

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

 Lake Lothing  
**THIRD  
CROSSING**

DRAWING TITLE

Key Viewpoint 1 – Waveney Drive  
Regulation 5(2)(a)  
Figure 10.6  
Sheet 1 of 3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

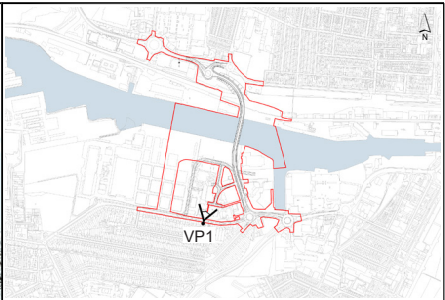
SCALE @ A3 SIZE	DATE	REVISION
1:15,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0006				
Location	Type	Role	Number	





MODEL OVERLAY (OPEN BRIDGE DECK SHOWN IN RED)



KEY

Outline of Bridge in Open Position

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

Lake Lothing  
THIRD  
CROSSING

DRAWING TITLE

Key Viewpoint 1 - Waveney Drive  
Regulation 5(2)(a)  
Figure 10.6  
Sheet 2 of 3

DRAWING STATUS

For DCO Submission

DRAWN MJ	CHECKED AW	APPROVED HR	AUTHORISED JB	SUITABILITY S4
SCALE @ A3 SIZE NTS		DATE 18/06/2018		REVISION P00
DRAWING NUMBER				
Project		Originator		Volume
1069948-WSP-ETS-LL-SK-LE-0006				
Location	Type	Role	Number	

YEAR OF OPENING (WINTER)



OS REFERENCE: TM537924

DIRECTION OF VIEW: NORTH EAST

DISTANCE TO SCHEME: 0M

HORIZONTAL FIELD OF VIEW: 90°

VERTICAL FIELD OF VIEW: 27°

CAMERA: CANON EOS 5D MKIII

LENS: 50MM (Sigma 50mm f/1.4)

CAMERA HEIGHT: 1.6M AGL

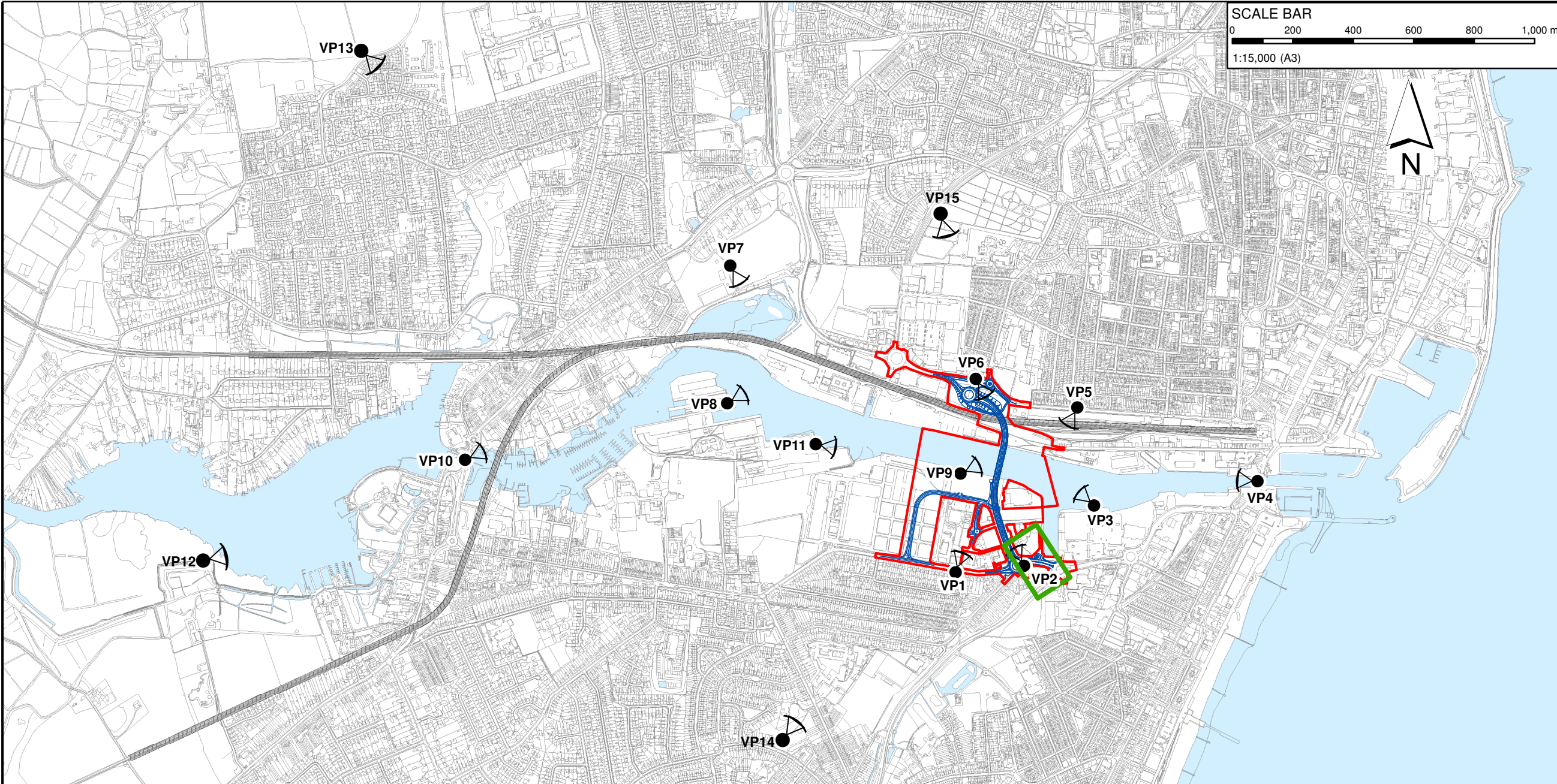
DATE & TIME: 31/03/2017 10:28:04

NOT REPRESENTATIVE OF SCALE AND DISTANCE









KEY

- The Scheme (illustrative)
- Order Limits
- VP2 Key Viewpoint Location and Direction of View

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

Lake Lothing  
**THIRD CROSSING**

DRAWING TITLE

Key Viewpoint 2 – Tom Crisp Way  
Regulation 5(2)(a)  
Figure 10.7  
Sheet 1 of 3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

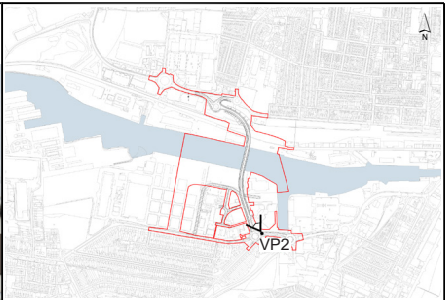
SCALE @ A3 SIZE	DATE	REVISION
1:15,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0007				
Location	Type	Role	Number	





MODEL OVERLAY (OPEN BRIDGE DECK SHOWN IN RED)



**KEY**

Outline of Bridge in Open Position

YEAR OF OPENING (WINTER)



Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				

**Suffolk**  
County Council

**PROJECT TITLE**

Lake Lothing  
**THIRD CROSSING**

**DRAWING TITLE**

Key Viewpoint 2 - Tom Crisp Way  
Regulation 5(2)(a)  
Figure 10.7  
Sheet 2 of 3

**DRAWING STATUS**

For DCO Submission

DRAWN MJ	CHECKED AW	APPROVED HR	AUTHORISED JB	SUITABILITY S4
-------------	---------------	----------------	------------------	-------------------

SCALE @ A3 SIZE NTS	DATE 18/06/2018	REVISION P00
------------------------	--------------------	-----------------

**DRAWING NUMBER**

Project	Originator	Volume	
1069948-WSP-ETS-LL-SK-LE-0007			
Location	Type	Role	Number

OS REFERENCE: TM539924

DIRECTION OF VIEW: NORTH WEST

DISTANCE TO SCHEME: 0M

HORIZONTAL FIELD OF VIEW: 110°

VERTICAL FIELD OF VIEW: 27°

CAMERA: CANON EOS 5D MKIII

LENS: 50MM (Sigma 50mm f/1.4)

CAMERA HEIGHT: 1.6M AGL

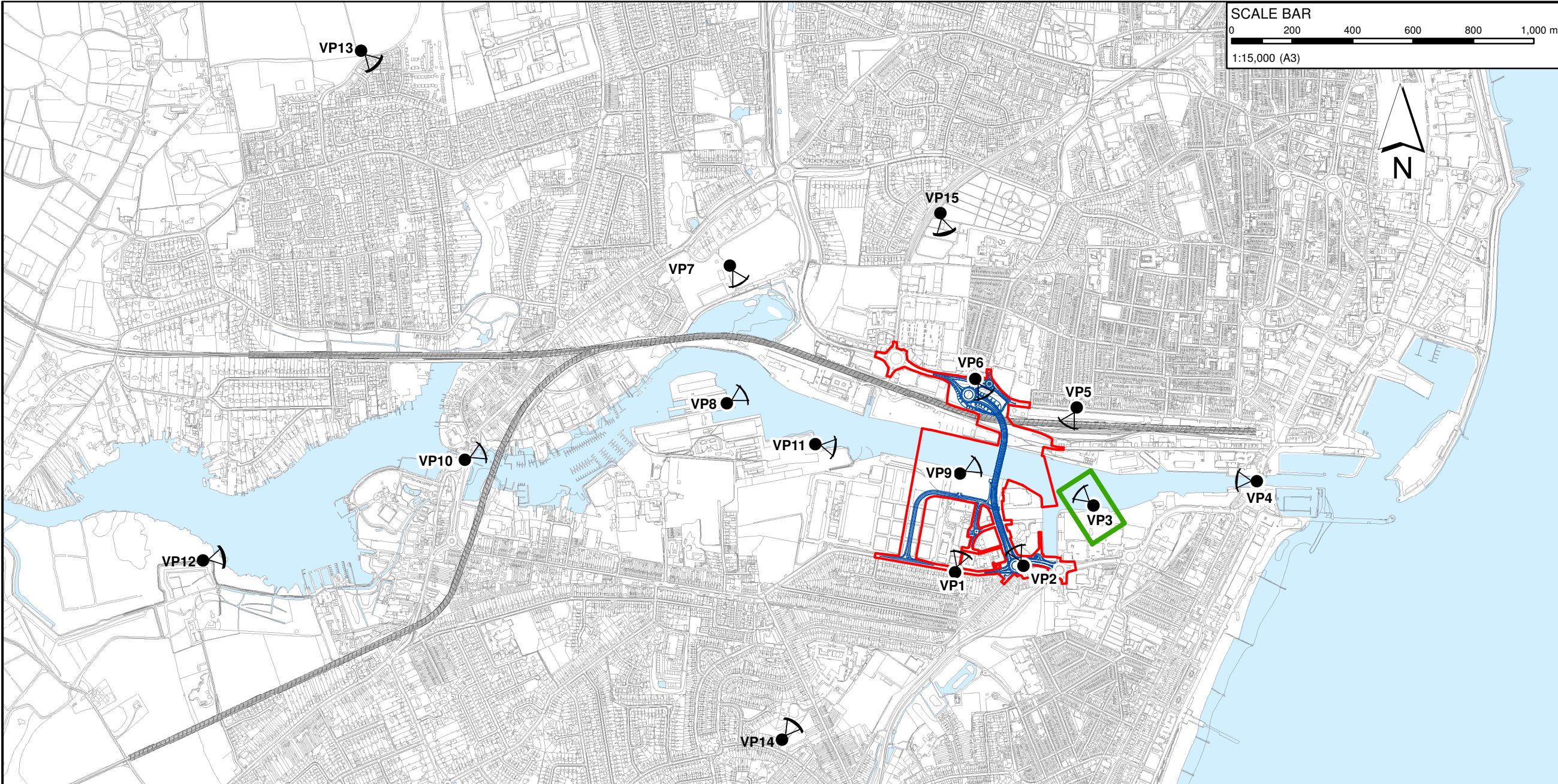
DATE & TIME: 31/03/2017 09:36:28

NOT REPRESENTATIVE OF SCALE AND DISTANCE









KEY

The Scheme (illustrative)

Order Limits

VP3

Key Viewpoint Location and Direction of View

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

Lake Lothing  
THIRD  
CROSSING

DRAWING TITLE

Viewpoint 3 – Inner Harbour South  
Regulation 5(2)(a)  
Figure 10.8  
Sheet 1 of 3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

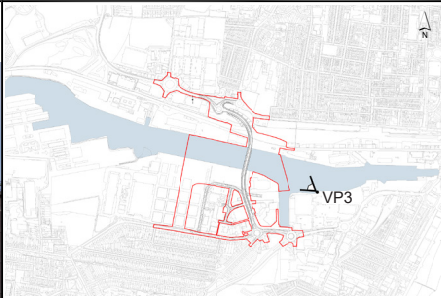
SCALE @ A3 SIZE	DATE	REVISION
1:15,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0008				
Location	Type	Role	Number	






MODEL OVERLAY (OPEN BRIDGE DECK SHOWN IN RED)



KEY

 Outline of Bridge in Open Position

YEAR OF OPENING (WINTER)



Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



DRAWING TITLE

Key Viewpoint 3 - Inner Harbour South  
Regulation 5(2)(a)  
Figure 10.8  
Sheet 2 of 3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
MJ	AW	HR	JB	S4
SCALE @ A3 SIZE NTS		DATE 18/06/2018		REVISION P00

DRAWING NUMBER			
Project	Originator	Volume	
1069948-WSP-ETS-LL-SK-LE-0008			
Location	Type	Role	Number

OS REFERENCE: TM542926

DIRECTION OF VIEW: WEST

DISTANCE TO SCHEME: 320M

HORIZONTAL FIELD OF VIEW: 90°

VERTICAL FIELD OF VIEW: 27°

CAMERA: CANON EOS 5D MKIII

LENS: 50MM (Sigma 50mm f/1.4)

CAMERA HEIGHT: 1.6M AGL

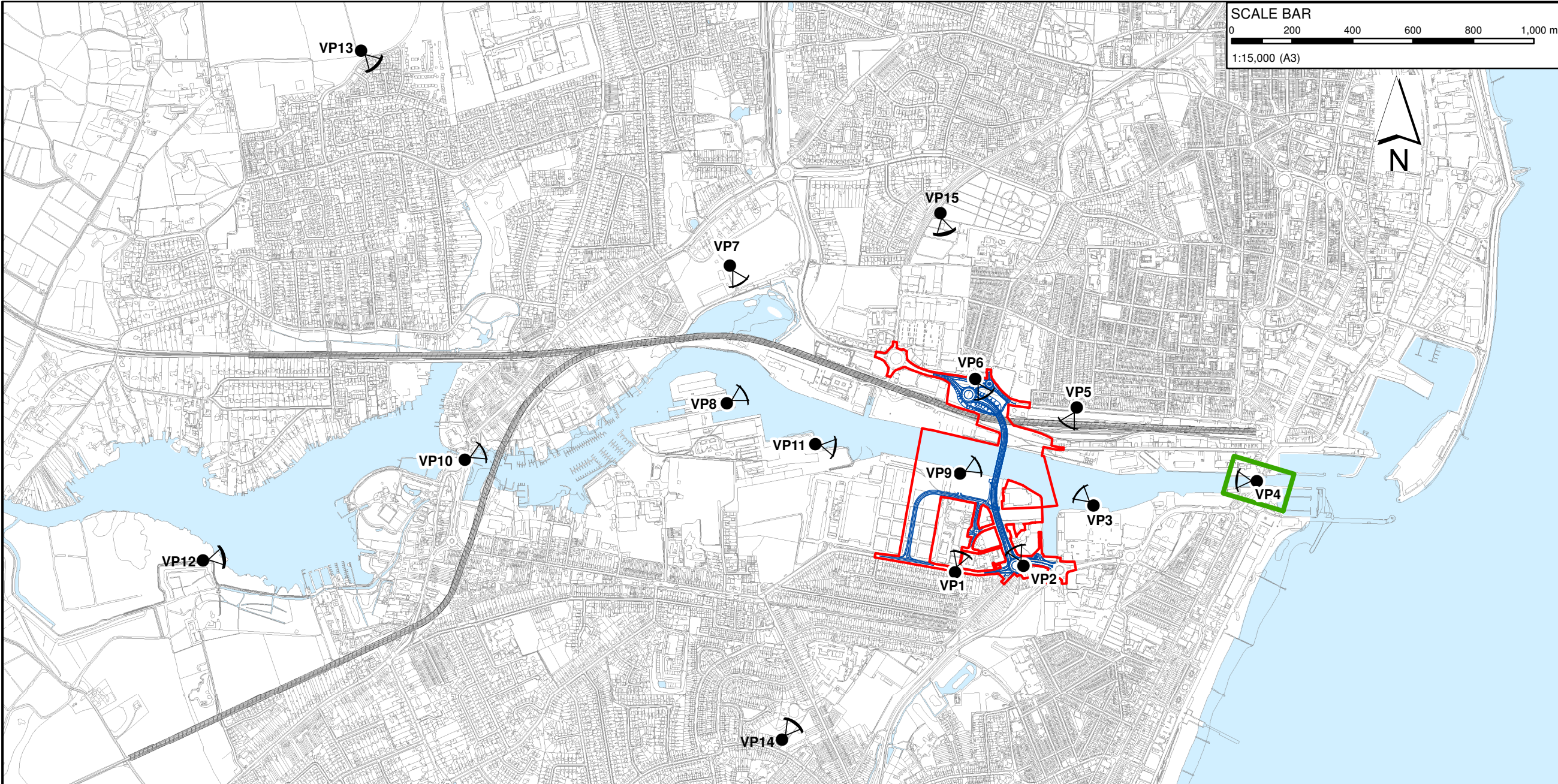
DATE & TIME: 30/03/2017 11:03:02

NOT REPRESENTATIVE OF SCALE AND DISTANCE









KEY

The Scheme (illustrative)

Order Limits

VP4

Key Viewpoint Location and Direction of View

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.

REVISION	DRAWN	CHECKED	APPROVED	DATE
DESCRIPTION				



PROJECT TITLE

Lake Lothing  
THIRD  
CROSSING

DRAWING TITLE

Key Viewpoint 4 – A47 Bascule Bridge  
Regulation 5(2)(a)  
Figure 10.9  
Sheet 1 of 3

DRAWING STATUS

For DCO Submission

DRAWN	CHECKED	APPROVED	AUTHORISED	SUITABILITY
IW	HR	HR	JB	S4

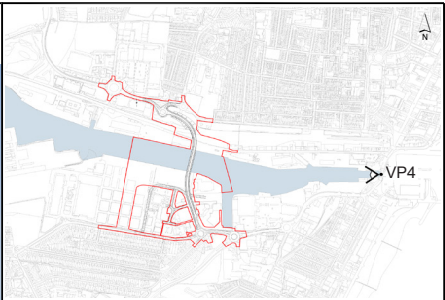
SCALE @ A3 SIZE	DATE	REVISION
1:15,000	18/06/2018	P00

DRAWING NUMBER				
Project	Originator	Volume		
1069948-WSP-ETS-LL-SK-LE-0009				
Location	Type	Role	Number	





MODEL OVERLAY (OPEN BRIDGE DECK SHOWN IN RED)



KEY

Outline of Bridge in Open Position

YEAR OF OPENING (WINTER)



Mapping reproduced by permission of Ordnance Survey on behalf of HMSO.  
© Crown copyright and database rights 2017. All rights reserved.  
Ordnance Survey licence number 100023395  
Contains OS data © Crown copyright and database rights 2017.


REVISION	DRAWN	CHECKED	APPROVED	DATE
----------	-------	---------	----------	------

DESCRIPTION



DRAWING TITLE

Key Viewpoint 4 - A47 Bascule Bridge  
Regulation 5(2)(a)  
Figure 10.9  
Sheet 2 of 3

DRAWING STATUS

For DCO Submission

DRAWN MJ	CHECKED AW	APPROVED HR	AUTHORISED JB	SUITABILITY S4
SCALE @ A3 SIZE NTS		DATE 18/06/2018		REVISION P00
DRAWING NUMBER				
Project		Originator	Volume	
1069948-WSP-ETS-LL-SK-LE-0009				
Location		Type	Role	Number

OS REFERENCE: TM547926

DIRECTION OF VIEW: WEST

DISTANCE TO SCHEME: 840M

HORIZONTAL FIELD OF VIEW: 90°

VERTICAL FIELD OF VIEW: 27°

CAMERA: CANON EOS 5D MKIII

LENS: 50MM (Sigma 50mm f/1.4)

CAMERA HEIGHT: 1.6M AGL

DATE & TIME: 30/03/2017 11:47:22

NOT REPRESENTATIVE OF SCALE AND DISTANCE



