

Lower Thames Crossing

6.2 Environmental Statement Figures

Figure 7.18 - Representative Viewpoints - Night-time (inc. Winter) Views

APFP Regulation 5(2)(a)
Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009
Volume 6

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/6.2

VERSION: 1.0

WINTER
REPRESENTATIVE PHOTOGRAPHY

Approximate location of Muckingford Road overbridge

Approximate extent of Northern tunnel entrance compound

Approximate extent of Station road compound

Approximate extent of Order Limits

NIGHT-TIME
REPRESENTATIVE PHOTOGRAPHY

Approximate location of Muckingford Road overbridge

Approximate extent of Northern tunnel entrance compound

Approximate extent of Station road compound

Approximate extent of Order Limits

Key		Chadwell Escarpment Urban Fringe		
	Approximate extent of Northern tunnel entrance compound		Tower blocks at Tilbury	- Existing Features
	Approximate extent of Order Limits		Light sources from Cliffe	- Project Features (Construction)
				- Project Features (Extent of Order Limits)

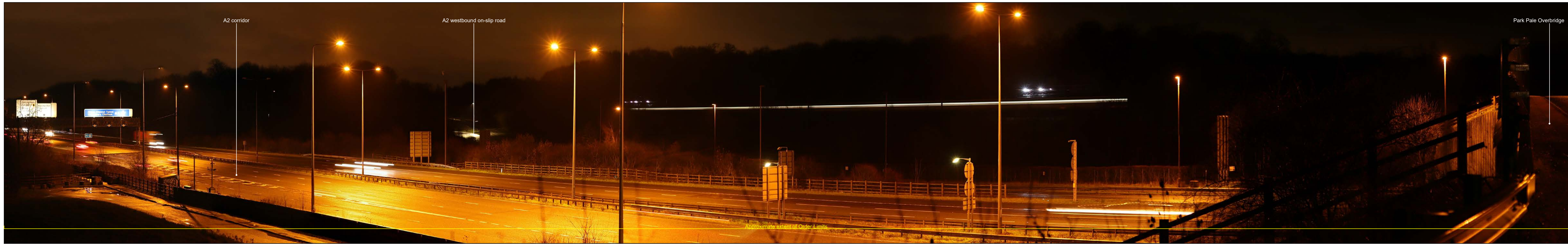
Client

LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project LOWER THAMES CROSSING
Drawing title Figure 7.18
Representative Viewpoints - Night-time (inc. Winter) Views
Key Sheet

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00216				

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top):
 Date and Time: S-04 05/03/2019 14:24

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 74.5m AOD
 Viewpoint Grid Reference: 569468E, 169612N

Distance to Order Limits: 0m
 View Direction (Centre of View): SE
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: S-04 06/03/2019 19:13

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 74.5m AOD
 Viewpoint Grid Reference: 569468E, 169612N

Distance to Order Limits: 0m
 View Direction (Centre of View): SE
 GPS Accuracy: 5m

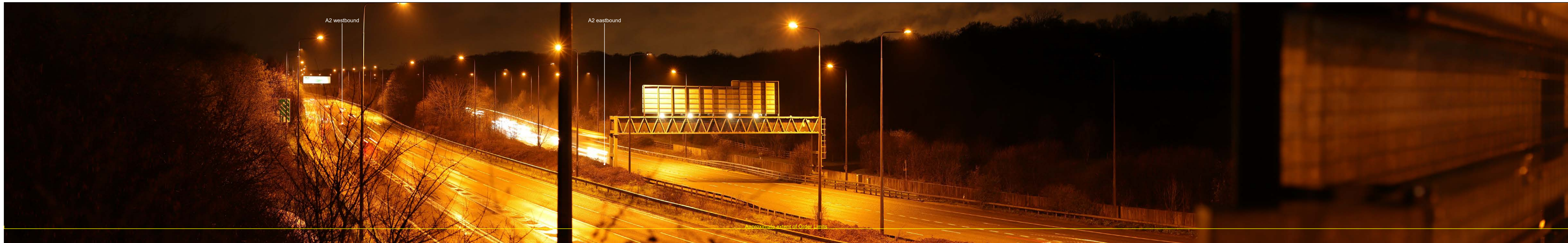


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-04
 Sheet 1 of 1

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022				
Approved	SK	Date	- 05/08/2022				
Drawing number				HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00113			
Application Document No. TR010032/APP/6.2							



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-05
 Date and Time: 05/03/2019 14:33

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 78.5m AOD
 Viewpoint Grid Reference: 569458E, 169509N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNW
 GPS Accuracy: 5m

Night-time Viewpoint: S-05
 Date and Time: 06/03/2019 19:30

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 78.5m AOD
 Viewpoint Grid Reference: 569458E, 169509N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNW
 GPS Accuracy: 5m



LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project: LOWER THAMES CROSSING
Drawing title: Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter Views)
 Viewpoint S-05
 Sheet 1 of 1

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022				
Approved	SK	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Drawing number				HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00115			



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top):
 Date and Time: S-13 05/03/2019 15:48

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: S-13 06/03/2019 19:44

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-13
 Sheet 1 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00132				



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top):
 Date and Time: S-13 05/03/2019 15:48

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: S-13 06/03/2019 19:44

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

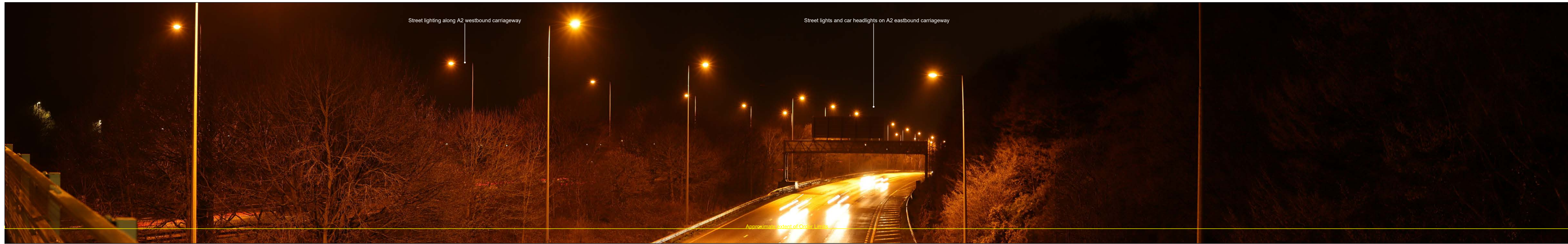


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-13
 Sheet 2 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00133				



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-13
 Date and Time: 05/03/2019 15:48

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

Night-time Viewpoint: S-13
 Date and Time: 06/03/2019 19:44

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.65m
 Viewpoint Ground Height: 115.4m AOD
 Viewpoint Grid Reference: 568282E, 169684N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

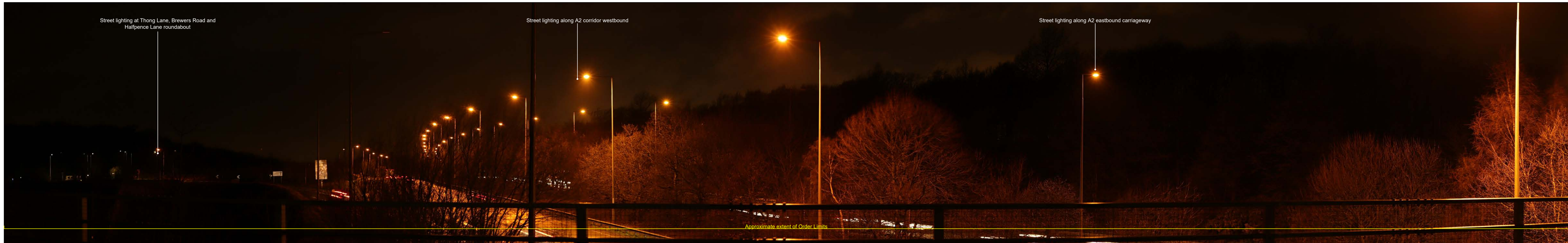


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-13
 Sheet 3 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00134		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-14
 Date and Time: 05/03/2019 15:17

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

Night-time Viewpoint: S-14
 Date and Time: 06/03/2019 20:00

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-14
 Sheet 1 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00138				



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top):
 Date and Time: S-14 05/03/2019 15:17

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: S-14 06/03/2019 20:00

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

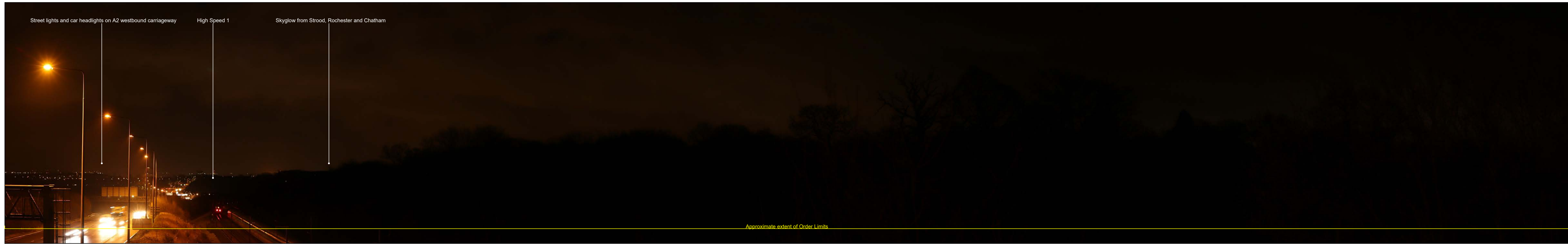
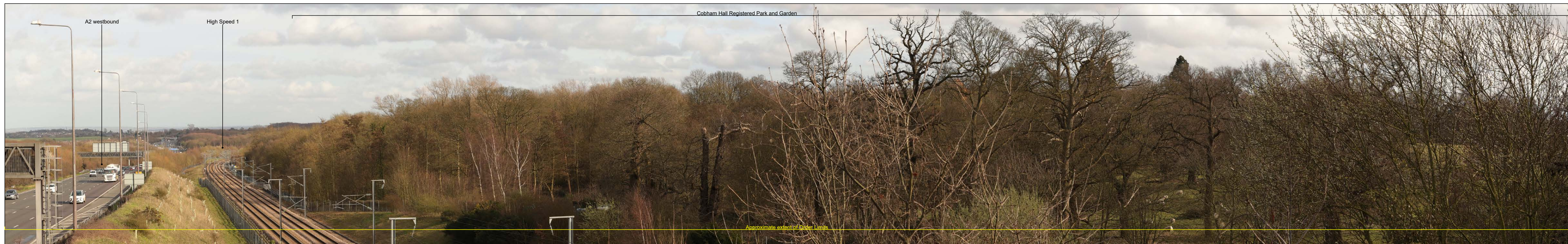


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-14
 Sheet 2 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00139		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-14
 Date and Time: 05/03/2019 15:17

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

Night-time Viewpoint: S-14
 Date and Time: 06/03/2019 20:00

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 111.3m AOD
 Viewpoint Grid Reference: 568232E, 169606N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m



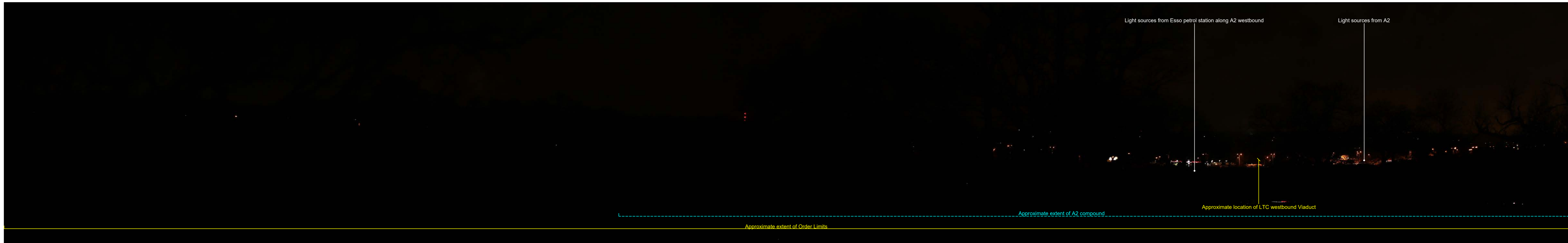
Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project LOWER THAMES CROSSING

Drawing title Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-14
 Sheet 3 of 3

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00140		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-16
 Date and Time: 04/03/2019 13:20

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 100.1m AOD
 Viewpoint Grid Reference: 567740E, 170495N

Distance to Order Limits: 158m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m

Night-time Viewpoint: S-16
 Date and Time: 06/03/2019 20:39

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 100.1m AOD
 Viewpoint Grid Reference: 567740E, 170495N

Distance to Order Limits: 158m
 View Direction (Centre of View): SSW
 GPS Accuracy: 5m



Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

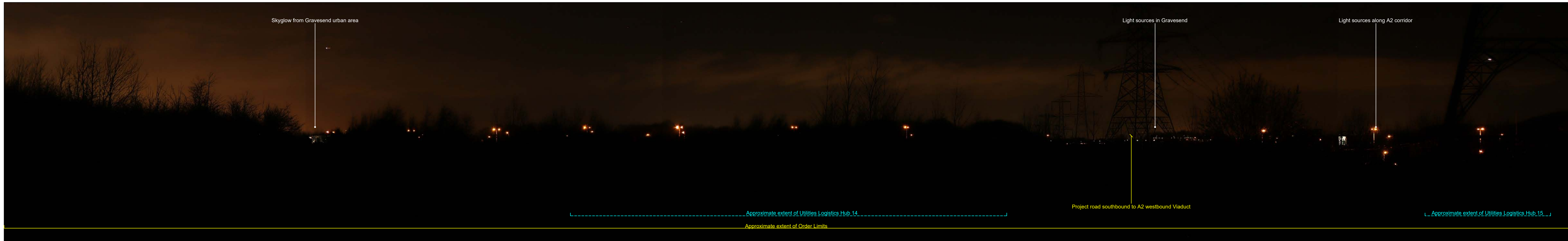
Project

LOWER THAMES CROSSING

Drawing title

Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-16
 Sheet 1 of 1

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00144		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-20
 Date and Time: 14/04/2022 10:18

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 78.5m AOD
 Viewpoint Grid Reference: 566299E, 169841N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

Night-time Viewpoint: S-20
 Date and Time: 04/03/2019 19:10

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 78.5m AOD
 Viewpoint Grid Reference: 566299E, 169841N

Distance to Order Limits: 0m
 View Direction (Centre of View): NE
 GPS Accuracy: 5m

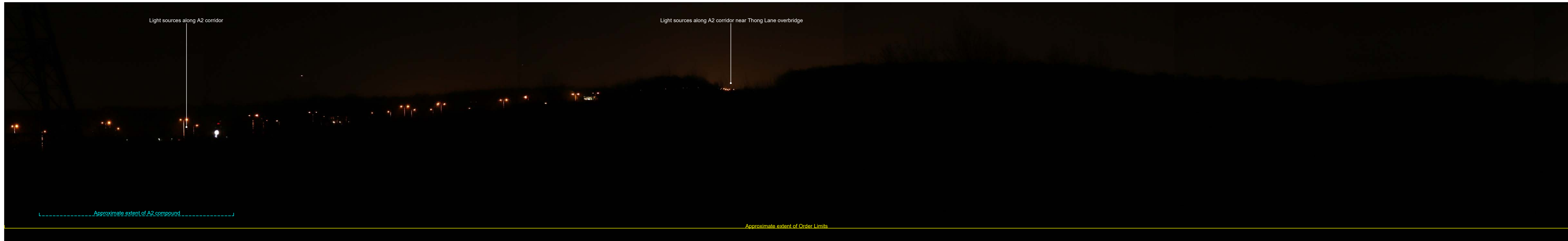


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-20
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00151		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations			Winter Viewpoint (Top): S-20 Date and Time: 14/04/2022 10:18			Night-time Viewpoint: S-20 Date and Time: 04/03/2019 19:10			
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	0m	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	0m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	View Direction:	NE	Tripod Height:	1.5m	View Direction:	NE
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	78.5m AOD	(Centre of View):	NE	Viewpoint Ground Height:	78.5m AOD	(Centre of View):	NE
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	566299E, 169841N	GPS Accuracy:	5m	Viewpoint Grid Reference:	566299E, 169841N	GPS Accuracy:	5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING
Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-20
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00152				



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top):
 Date and Time: S-25 06/03/2019 13:15

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 76.9m AOD
 Viewpoint Grid Reference: 567062E, 170621N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: S-25 06/03/2019 20:21

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 76.9m AOD
 Viewpoint Grid Reference: 567062E, 170621N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

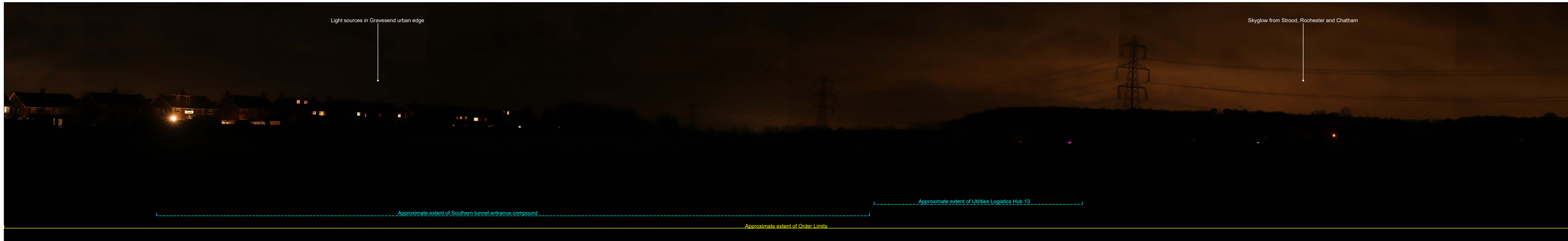


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-25
 Sheet 1 of 1

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00161		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-28
 Date and Time: 06/03/2019 14:23

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 56.4m AOD
 Viewpoint Grid Reference: 566540E, 171019N

Distance to Order Limits: 0m
 View Direction (Centre of View): ESE
 GPS Accuracy: 5m

Night-time Viewpoint: S-28
 Date and Time: 06/03/2019 21:09

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 56.4m AOD
 Viewpoint Grid Reference: 566540E, 171019N

Distance to Order Limits: 0m
 View Direction (Centre of View): ESE
 GPS Accuracy: 5m



Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

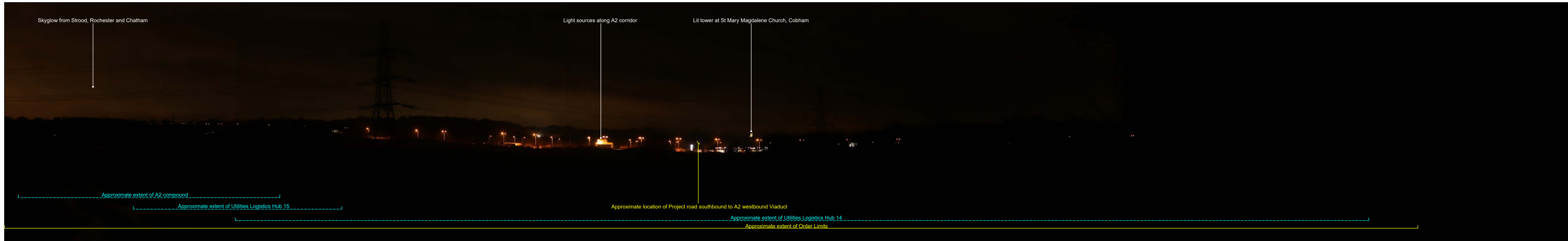
Project

LOWER THAMES CROSSING

Drawing title

Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-28
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00168		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-28
 Date and Time: 06/03/2019 14:23

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 56.4m AOD
 Viewpoint Grid Reference: 566540E, 171019N

Distance to Order Limits: 0m
 View Direction (Centre of View): ESE
 GPS Accuracy: 5m

Night-time Viewpoint: S-28
 Date and Time: 06/03/2019 21:09

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 56.4m AOD
 Viewpoint Grid Reference: 566540E, 171019N

Distance to Order Limits: 0m
 View Direction (Centre of View): ESE
 GPS Accuracy: 5m

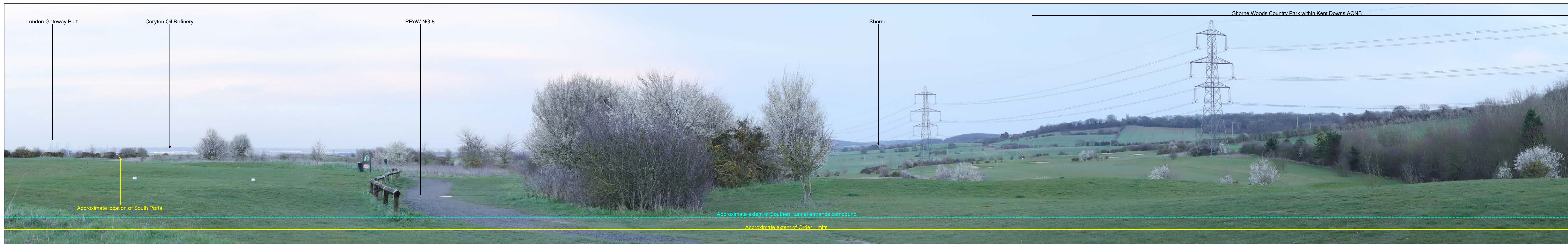


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-28
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00169				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

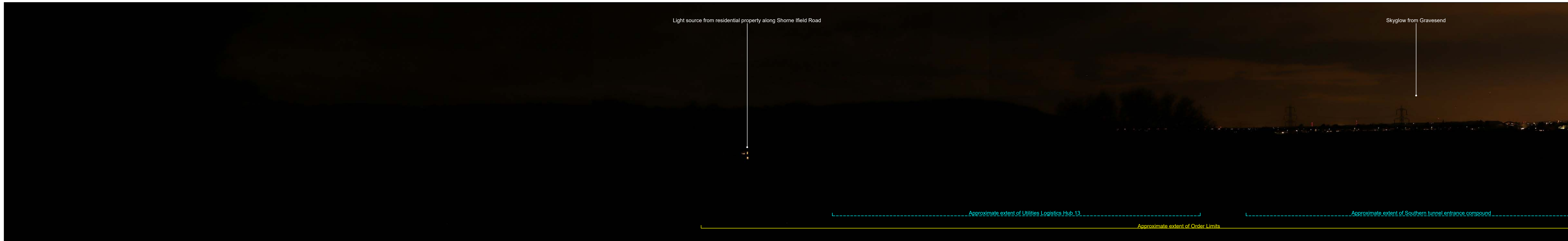
For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): S-31 Date and Time: 04/03/2019 17:20		Night-time Viewpoint: S-31 Date and Time: 04/03/2019 19:30	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	0m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	View Direction:	(Centre of View): ENE
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	65.6m AOD	Viewpoint Ground Height:	65.6m AOD
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	567201E, 171313N	Viewpoint Grid Reference:	567201E, 171313N
		GPS Accuracy:	5m	GPS Accuracy:	5m



LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project	LOWER THAMES CROSSING
Drawing title	Figure 7.18 Representative Viewpoints - Night-time (inc. Winter) Views Viewpoint S-31 Sheet 1 of 1

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00173		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top):
 Date and Time: 05/04/2022 11:03
 Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

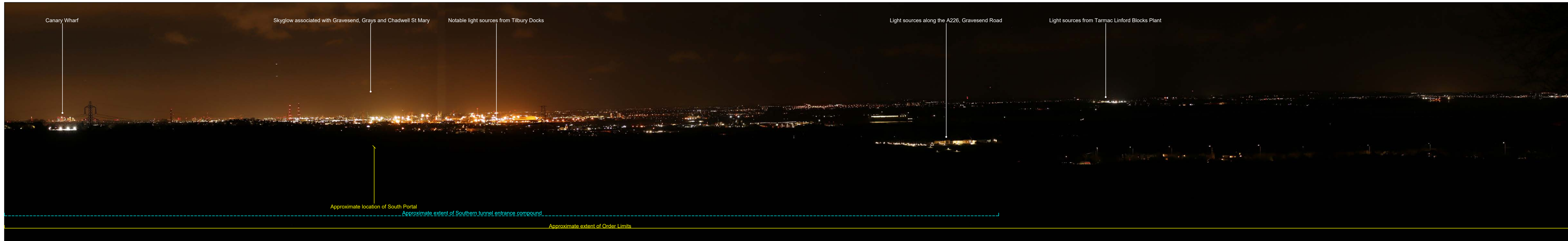
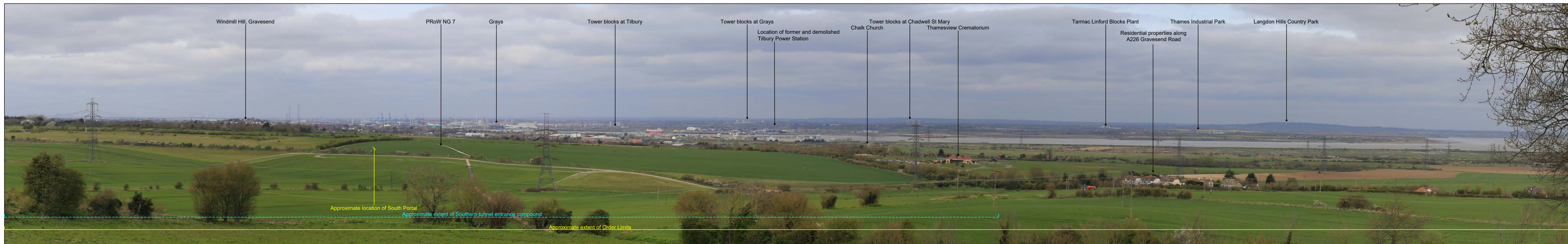
Night-time Viewpoint:
 Date and Time: 04/03/2019 20:00
 FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 72.4m AOD
 Viewpoint Grid Reference: 568911E, 171366N

Client
national highways

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING
 Drawing title: Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-32
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00176				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-32
 Date and Time: 05/04/2022 11:03

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 72.4m AOD
 Viewpoint Grid Reference: 568911E, 171366N

Night-time Viewpoint: S-32
 Date and Time: 04/03/2019 20:00

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 72.4m AOD
 Viewpoint Grid Reference: 568911E, 171366N



Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

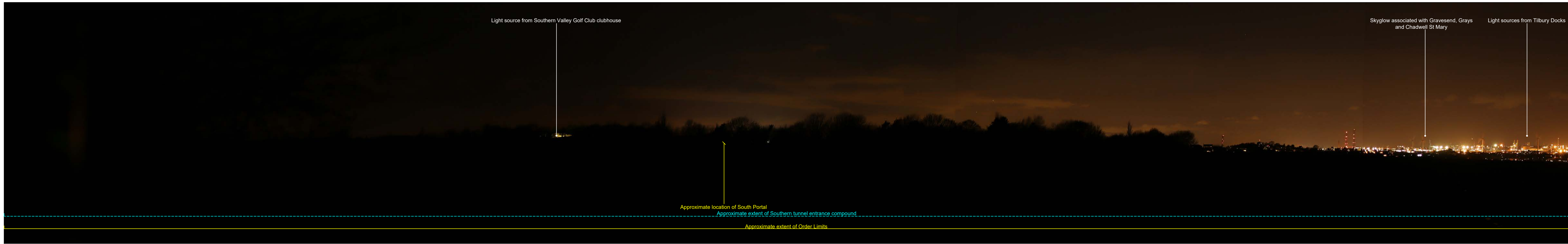
Project

LOWER THAMES CROSSING

Drawing title

Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-32
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number				
HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00177				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-33
 Date and Time: 14/04/2022 09:08

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 48.4m AOD
 Viewpoint Grid Reference: 568011E, 172014N

Distance to Order Limits: 0m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m

Night-time Viewpoint: S-33
 Date and Time: 04/03/2019 20:20

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 48.4m AOD
 Viewpoint Grid Reference: 568011E, 172014N

Distance to Order Limits: 0m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m



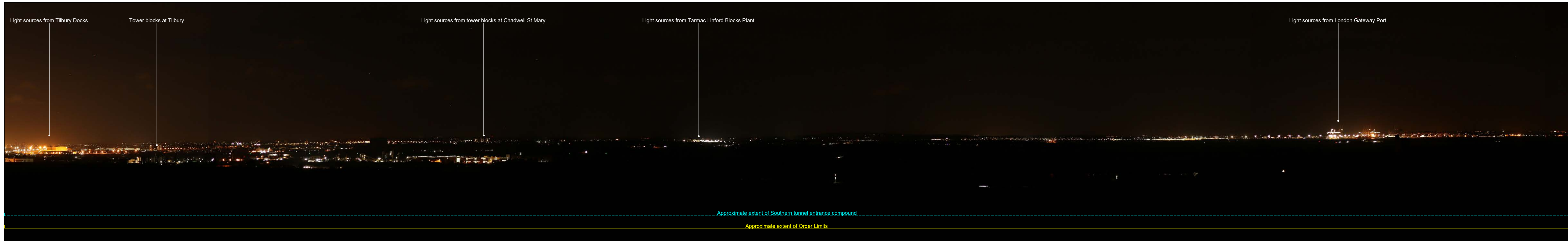
Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project LOWER THAMES CROSSING

Drawing title Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-33
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00180				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-33
 Date and Time: 14/04/2022 09:08

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 48.4m AOD
 Viewpoint Grid Reference: 568011E, 172014N

Distance to Order Limits: 0m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m

Night-time Viewpoint: S-33
 Date and Time: 04/03/2019 20:20

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 48.4m AOD
 Viewpoint Grid Reference: 568011E, 172014N

Distance to Order Limits: 0m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m

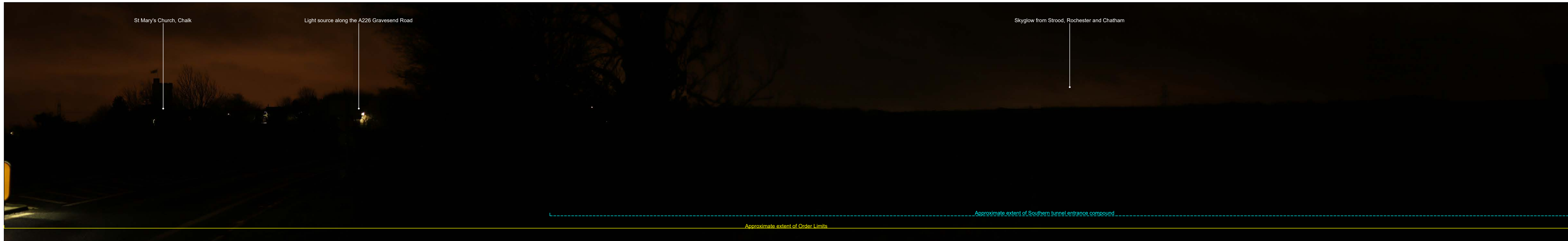


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-33
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00181		



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): S-35
 Date and Time: 06/03/2019 15:10

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 22.6m AOD
 Viewpoint Grid Reference: 567984E, 172648N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSE
 GPS Accuracy: 5m

Night-time Viewpoint: S-35
 Date and Time: 06/03/2019 21:29

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 22.6m AOD
 Viewpoint Grid Reference: 567984E, 172648N

Distance to Order Limits: 0m
 View Direction (Centre of View): SSE
 GPS Accuracy: 5m



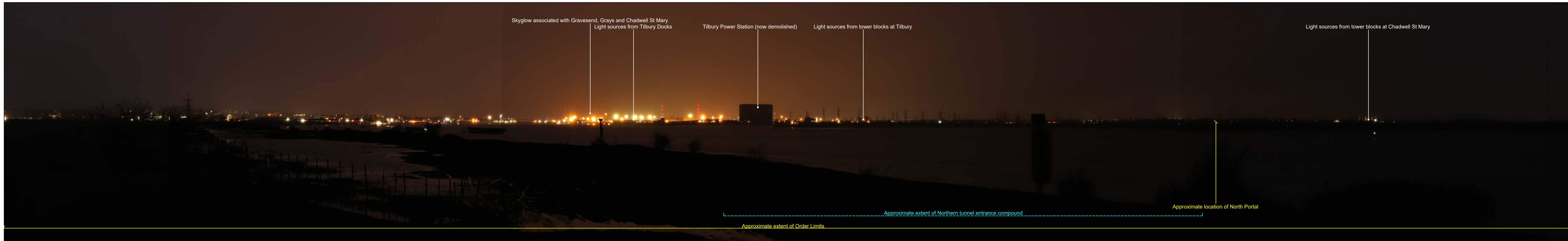
Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project LOWER THAMES CROSSING

Drawing title Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-35
 Sheet 1 of 1

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00184		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): S-38a
 Date and Time: 05/04/2022 14:23

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.5m AOD
 Viewpoint Grid Reference: 569148E, 174790N

Distance to Order Limits: 1210m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m

Night-time Viewpoint: S-38a
 Date and Time: 05/03/2019 18:20

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.5m AOD
 Viewpoint Grid Reference: 569148E, 174790N

Distance to Order Limits: 1210m
 View Direction (Centre of View): NW
 GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint S-38a
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00191		



Tarmac Linford Blocks Plant
Thames Industrial Park

Langdon Hills Country Park
Coalhouse Fort

London Gateway Port

PRoW NS138 & Saxon Shore Way Long Distance Path

Approximate extent of Order Limits

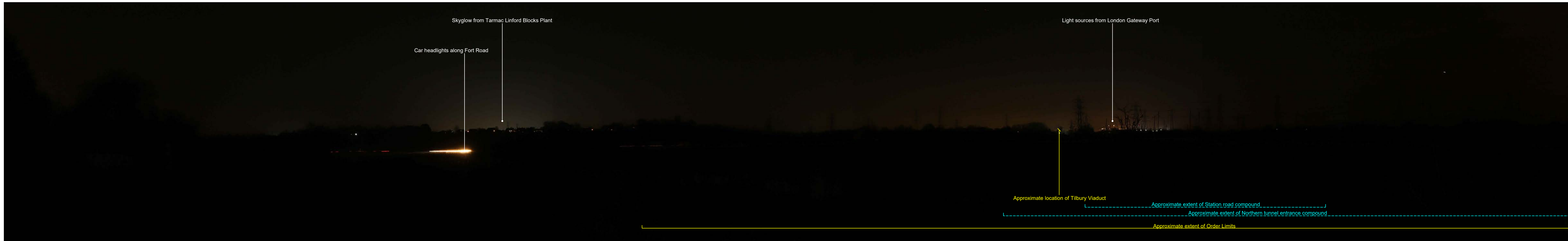
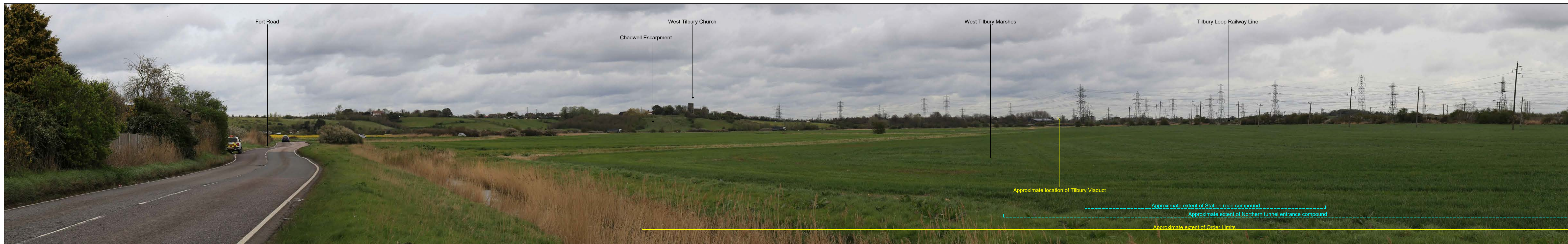


Light sources from Tarmac Linford Blocks Plant

Light sources from London Gateway Port

Approximate extent of Order Limits

<table border="1"> <tr> <td>Rev</td> <td>Status</td> <td>Rev. Date</td> <td>Purpose of revision</td> <td>Drawn</td> <td>Chck'd</td> <td>Apprv'd</td> </tr> <tr> <td>P01</td> <td>S8</td> <td>05/08/2022</td> <td>First Issued</td> <td>BB</td> <td>HP</td> <td>SK</td> </tr> </table>				Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd	P01	S8	05/08/2022	First Issued	BB	HP	SK	<p>For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations</p> <p>Winter Viewpoint (Top): S-38a Date and Time: 05/04/2022 14:23</p> <p>Camera: Canon EOS 6D MkII Lens: Canon EF 50mm f/1.8 STM Equipment: Manfrotto MA 454 Micro Positioning Plate Manfrotto SBH-100 Ball Head</p> <p>FL, Max Aperture: 50mm, 1.75 Tripod Height: 1.5m Viewpoint Ground Height: 2.5m AOD Viewpoint Grid Reference: 569148E, 174790N</p>				<p>Night-time Viewpoint: S-38a Date and Time: 05/03/2019 18:20</p> <p>FL, Max Aperture: 50mm, 1.75 Tripod Height: 1.5m Viewpoint Ground Height: 2.5m AOD Viewpoint Grid Reference: 569148E, 174790N</p>				<p>Client</p>		<p>LOWER THAMES CROSSING</p> <p>5th Floor Beaufort House 15 St Botolph Street London EC3A 7DT</p>		<p>Project LOWER THAMES CROSSING</p> <p>Drawing title Figure 7.18 Representative Viewpoints - Night-time (inc. Winter) Views Viewpoint S-38a Sheet 2 of 2</p>		<table border="1"> <tr> <td>Drawn</td> <td>BB</td> <td>Date - 05/08/2022</td> <td>Status</td> <td>Revision</td> </tr> <tr> <td>Checked</td> <td>HP</td> <td>Date - 05/08/2022</td> <td>S8</td> <td>P01</td> </tr> <tr> <td>Approved</td> <td>SK</td> <td>Date - 05/08/2022</td> <td colspan="2">Application Document No. TR010032/APP/6.2</td> </tr> </table>		Drawn	BB	Date - 05/08/2022	Status	Revision	Checked	HP	Date - 05/08/2022	S8	P01	Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd																																										
P01	S8	05/08/2022	First Issued	BB	HP	SK																																										
Drawn	BB	Date - 05/08/2022	Status	Revision																																												
Checked	HP	Date - 05/08/2022	S8	P01																																												
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2																																													
<p>Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00192</p>																																																



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): N-02
Date and Time: 06/04/2022 10:50

Camera: Canon EOS 6D MkII
Lens: Canon EF 50mm f/1.8 STM
Equipment: Manfrotto MA 454 Micro Positioning Plate, Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 6.2m AOD
Viewpoint Grid Reference: 565385E, 176613N

Distance to Order Limits: 200m
View Direction (Centre of View): ENE
GPS Accuracy: 5m

Night-time Viewpoint: N-02
Date and Time: 21/02/2019 20:13

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 6.2m AOD
Viewpoint Grid Reference: 565385E, 176613N

Distance to Order Limits: 200m
View Direction (Centre of View): ENE
GPS Accuracy: 5m

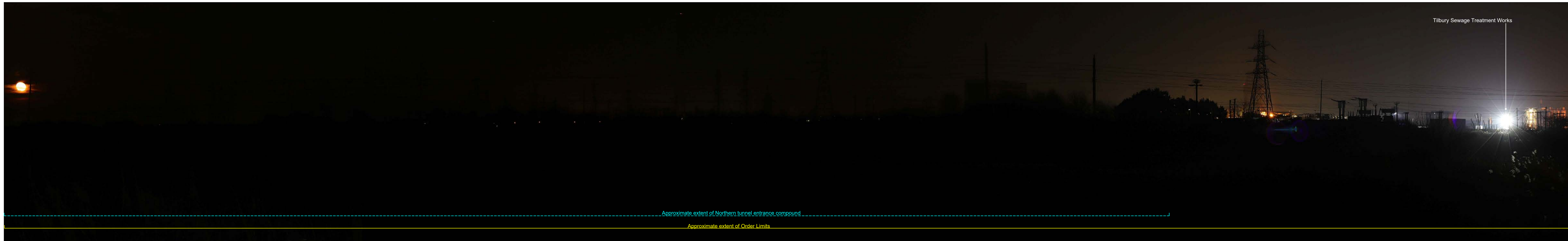


Client
LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project
LOWER THAMES CROSSING

Drawing title
Figure 7.18
Representative Viewpoints - Night-time (inc. Winter) Views
Viewpoint N-02
Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00006		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

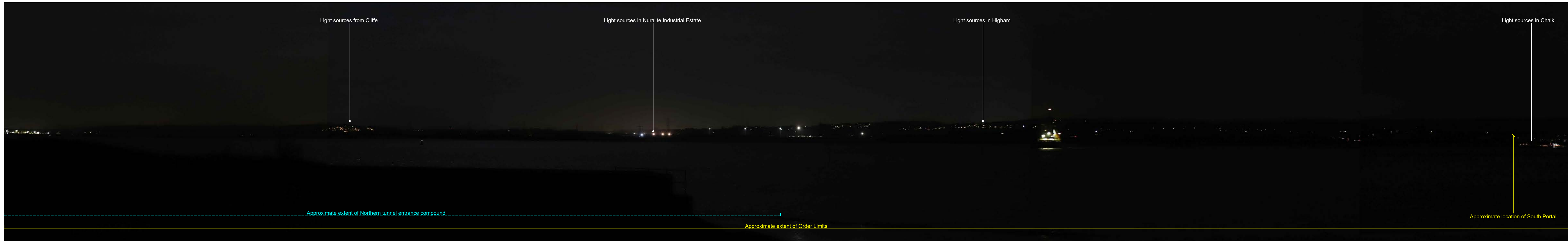
For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): Date and Time: 06/04/2022 10:50		Night-time Viewpoint: Date and Time: 21/02/2019 20:13	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	200m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	FL, Max Aperture:	50mm, 1.75
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	6.2m AOD	Tripod Height:	1.5m
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	565385E, 176613N	Viewpoint Ground Height:	6.2m AOD
				(Centre of View):	ENE
				GPS Accuracy:	5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING
Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-02
 Sheet 2 of 2

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Approved	SK	Date	- 05/08/2022	Drawing number			
HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00007							



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): N-04
 Date and Time: 06/04/2022 13:24

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.9m AOD
 Viewpoint Grid Reference: 567806E, 175799N

Distance to Order Limits: 0m
 View Direction (Centre of View): WNW
 GPS Accuracy: 5m

Night-time Viewpoint: N-04
 Date and Time: 19/02/2019 21:15

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.9m AOD
 Viewpoint Grid Reference: 567806E, 175799N

Distance to Order Limits: 0m
 View Direction (Centre of View): WNW
 GPS Accuracy: 5m



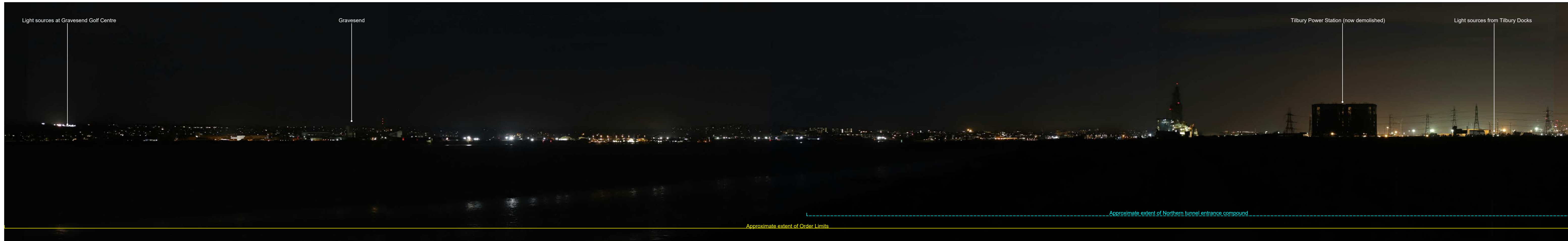
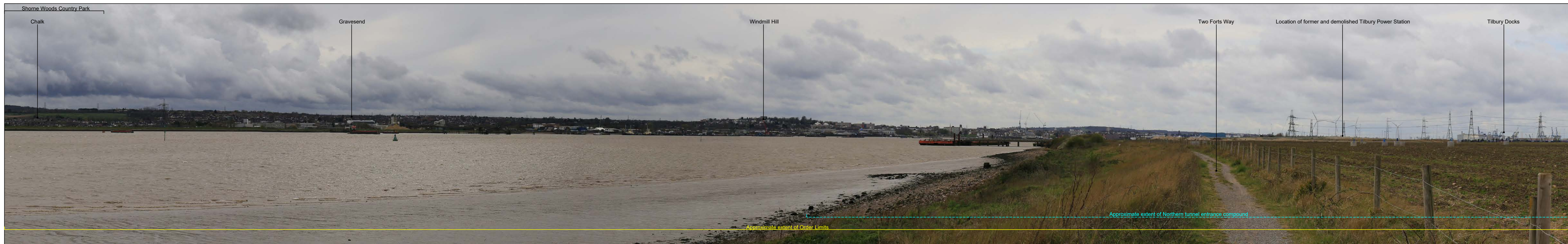
Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project LOWER THAMES CROSSING

Drawing title Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-04
 Sheet 1 of 4

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00015				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): N-04
 Date and Time: 06/04/2022 13:24

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.9m AOD
 Viewpoint Grid Reference: 567806E, 175799N

Night-time Viewpoint: N-04
 Date and Time: 19/02/2019 21:15

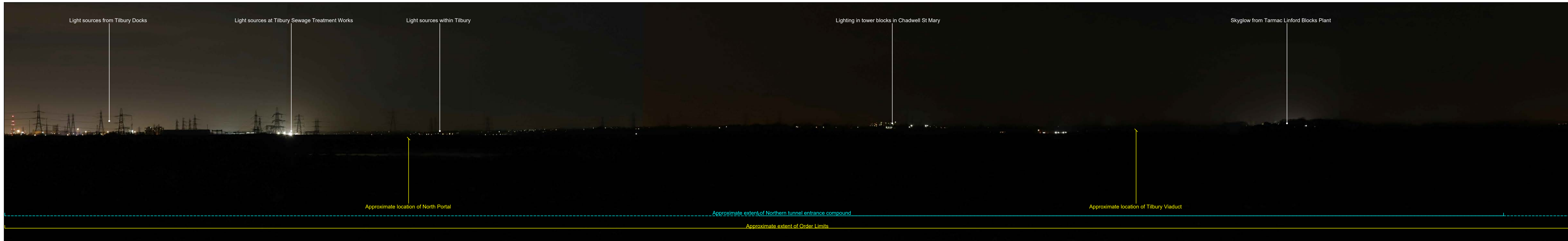
FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 2.9m AOD
 Viewpoint Grid Reference: 567806E, 175799N

Client
national highways

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project: LOWER THAMES CROSSING
 Drawing title: Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-04
 Sheet 2 of 4

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00016				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

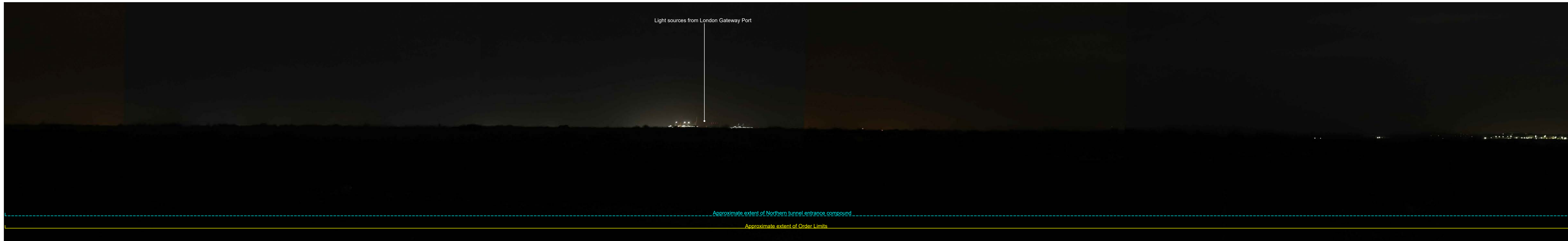
For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): N-04 Date and Time: 06/04/2022 13:24		Night-time Viewpoint: N-04 Date and Time: 19/02/2019 21:15	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	0m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	FL, Max Aperture:	50mm, 1.75
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	2.9m AOD	Tripod Height:	1.5m
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	567806E, 175799N	Viewpoint Ground Height:	2.9m AOD
				(Centre of View):	WNW
				GPS Accuracy:	5m



LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project: LOWER THAMES CROSSING
Drawing title: Figure 7.18
Representative Viewpoints - Night-time (inc. Winter Views)
Viewpoint N-04
Sheet 3 of 4

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Approved	SK	Date	- 05/08/2022	Drawing number			
HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00017							



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): Date and Time: N-04 06/04/2022 13:24		Night-time Viewpoint: Date and Time: N-04 19/02/2019 21:15	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	0m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	FL, Max Aperture:	50mm, 1.75
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	2.9m AOD	Tripod Height:	1.5m
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	567806E, 175799N	Viewpoint Ground Height:	2.9m AOD
				(Centre of View):	WNW
				GPS Accuracy:	5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING
Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-04
 Sheet 4 of 4

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022				
Approved	SK	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00018					



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): N-09
Date and Time: 18/02/2019 15:15

Camera: Canon EOS 6D MkII
Lens: Canon EF 50mm f/1.8 STM
Equipment: Manfrotto MA 454 Micro Positioning Plate
Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 26.3m AOD
Viewpoint Grid Reference: 566219E, 178124N

Night-time Viewpoint: N-09
Date and Time: 19/02/2019 20:00

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 26.3m AOD
Viewpoint Grid Reference: 566219E, 178124N

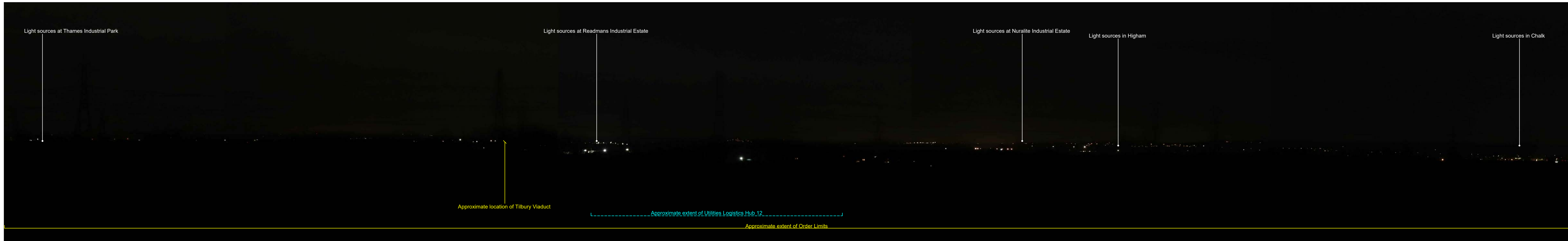
Distance to Order Limits: 450m
View Direction (Centre of View): ENE
GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project
LOWER THAMES CROSSING
Drawing title: Figure 7.18
Representative Viewpoints - Night-time (inc. Winter) Views
Viewpoint N-09
Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00029				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): N-09
 Date and Time: 18/02/2019 15:15

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 26.3m AOD
 Viewpoint Grid Reference: 566219E, 178124N

Night-time Viewpoint: N-09
 Date and Time: 19/02/2019 20:00

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 26.3m AOD
 Viewpoint Grid Reference: 566219E, 178124N

Distance to Order Limits: 450m
 View Direction (Centre of View): ENE
 GPS Accuracy: 5m

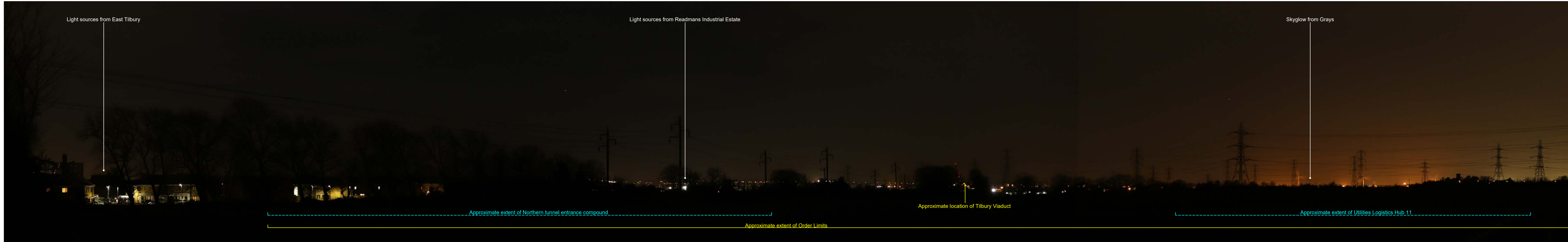


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-09
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00030				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top): N-12
Date and Time: 18/02/2019 10:46

Camera: Canon EOS 6D MkII
Lens: Canon EF 50mm f/1.8 STM
Equipment: Manfrotto MA 454 Micro Positioning Plate, Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 7.4m AOD
Viewpoint Grid Reference: 567448E, 178720N

Distance to Order Limits: 0m
View Direction (Centre of View): SW
GPS Accuracy: 5m

Night-time Viewpoint: N-12
Date and Time: 19/02/2019 19:30

FL, Max Aperture: 50mm, 1.75
Tripod Height: 1.5m
Viewpoint Ground Height: 7.4m AOD
Viewpoint Grid Reference: 567448E, 178720N

Distance to Order Limits: 0m
View Direction (Centre of View): SW
GPS Accuracy: 5m

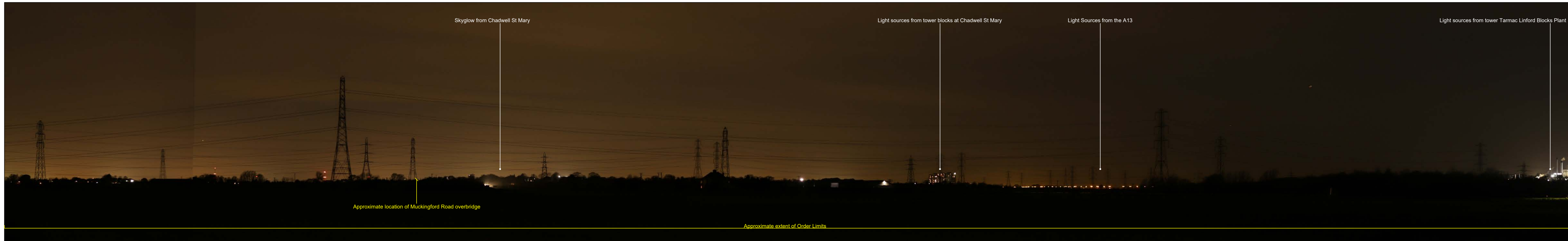


Client
LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project
LOWER THAMES CROSSING

Drawing title
Figure 7.18
Representative Viewpoints - Night-time (inc. Winter) Views
Viewpoint N-12
Sheet 1 of 2

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Approved	SK	Date	- 05/08/2022	Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00035			



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): N-12
 Date and Time: 18/02/2019 10:46

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 7.4m AOD
 Viewpoint Grid Reference: 567448E, 178720N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

Night-time Viewpoint: N-12
 Date and Time: 19/02/2019 19:30

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 7.4m AOD
 Viewpoint Grid Reference: 567448E, 178720N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

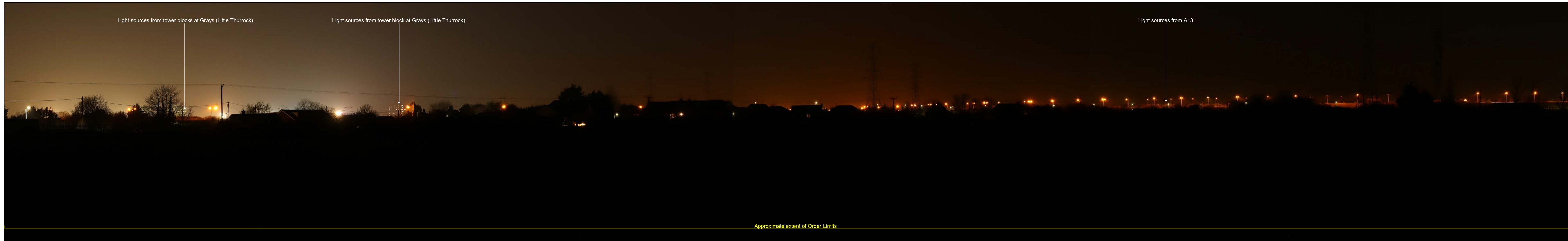


Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-12
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00036				



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

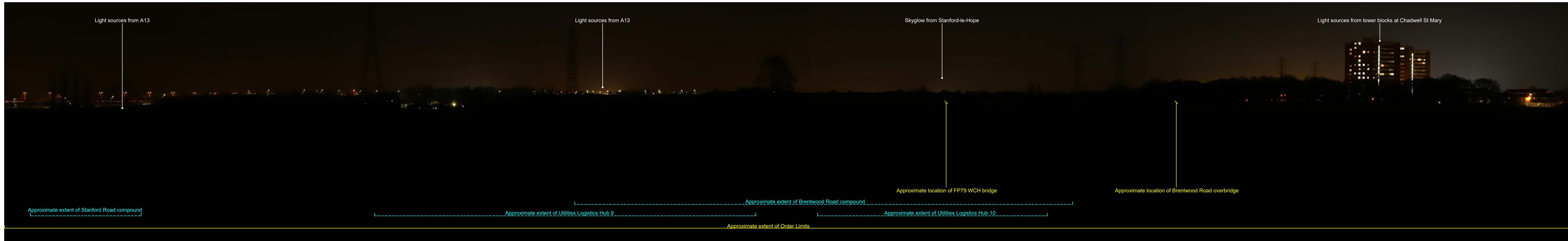
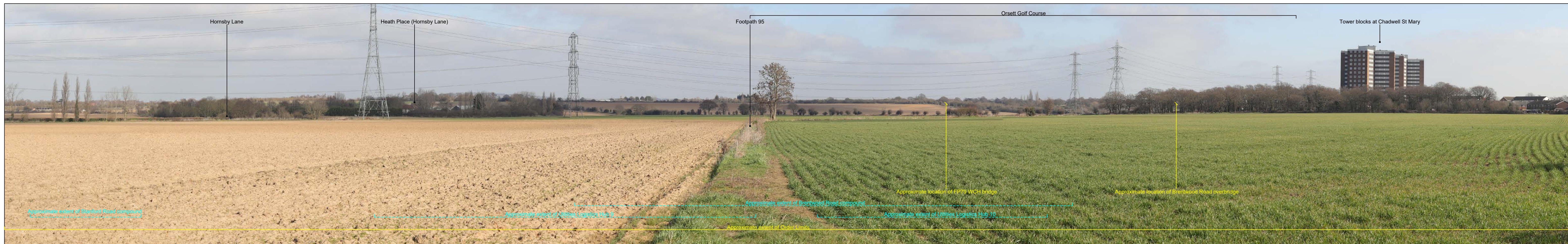
For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): N-19 Date and Time: 21/02/2019 11:26		Night-time Viewpoint: N-19 Date and Time: 21/02/2019 19:47	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	275m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	FL, Max Aperture:	50mm, 1.75
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	28.1m AOD	Tripod Height:	1.5m
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	564293E, 179661N	Viewpoint Ground Height:	28.1m AOD
		(Centre of View):	NNE	(Centre of View):	NNE
		GPS Accuracy:	5m	GPS Accuracy:	5m



LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project	LOWER THAMES CROSSING
Drawing title	Figure 7.18 Representative Viewpoints - Night-time (inc. Winter) Views Viewpoint N-19 Sheet 1 of 2

Drawn	BB	Date	- 05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	- 05/08/2022	Application Document No. TR010032/APP/6.2			
Approved	SK	Date	- 05/08/2022	Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00050			



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

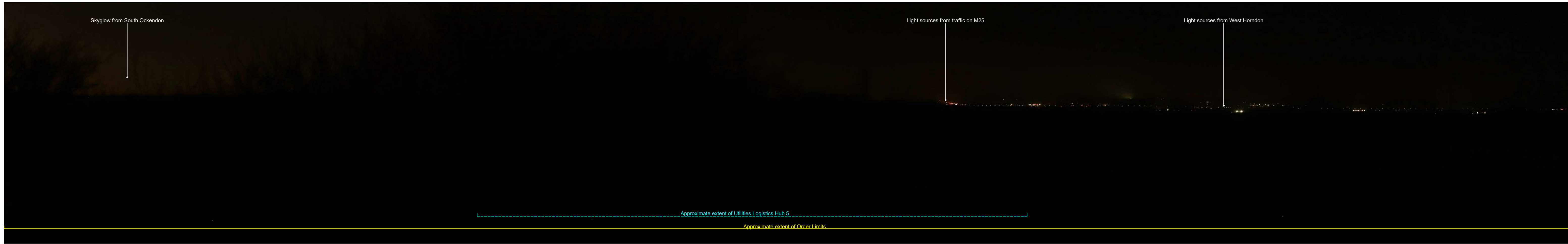
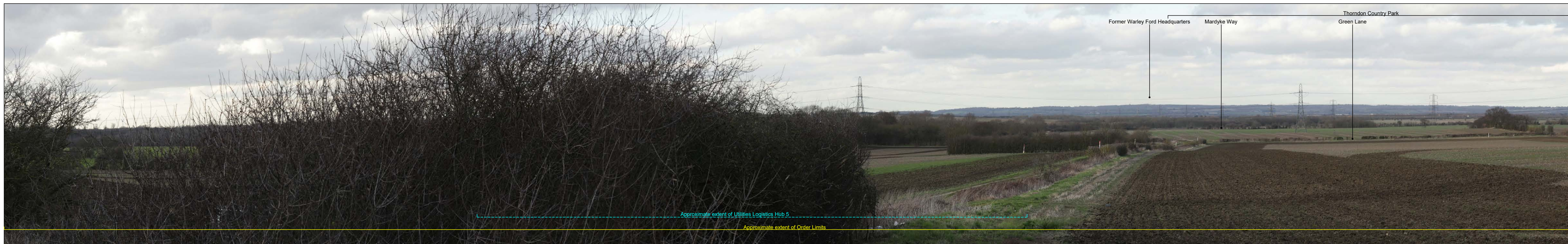
For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations		Winter Viewpoint (Top): Date and Time: N-19 21/02/2019 11:26		Night-time Viewpoint: Date and Time: N-19 21/02/2019 19:47	
Camera:	Canon EOS 6D MkII	FL, Max Aperture:	50mm, 1.75	Distance to Order Limits:	275m
Lens:	Canon EF 50mm f/1.8 STM	Tripod Height:	1.5m	FL, Max Aperture:	50mm, 1.75
Equipment:	Manfrotto MA 454 Micro Positioning Plate	Viewpoint Ground Height:	28.1m AOD	Tripod Height:	1.5m
	Manfrotto SBH-100 Ball Head	Viewpoint Grid Reference:	564293E, 179661N	View Direction (Centre of View):	NNE
				Viewpoint Ground Height:	28.1m AOD
				View Direction (Centre of View):	NNE
				Viewpoint Grid Reference:	564293E, 179661N
				GPS Accuracy:	5m



LOWER THAMES CROSSING
5th Floor Beaufort House
15 St Botolph Street
London EC3A 7DT

Project: LOWER THAMES CROSSING
Drawing title: Figure 7.18
Representative Viewpoints - Night-time (inc. Winter) Views
Viewpoint N-19
Sheet 2 of 2

Drawn	BB	Date	-05/08/2022	Status	S8	Revision	P01
Checked	HP	Date	-05/08/2022				
Approved	SK	Date	-05/08/2022	Application Document No. TR010032/APP/6.2			
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00051					



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top):
 Date and Time: N-27
 20/02/2019 15:21

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 20.6m AOD
 Viewpoint Grid Reference: 562184E, 181202N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNE
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: N-27
 21/02/2019 19:22

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 20.6m AOD
 Viewpoint Grid Reference: 562184E, 181202N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNE
 GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-27
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00069		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Winter Viewpoint (Top):
 Date and Time: N-27
 20/02/2019 15:21

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 20.6m AOD
 Viewpoint Grid Reference: 562184E, 181202N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNE
 GPS Accuracy: 5m

Night-time Viewpoint:
 Date and Time: N-27
 21/02/2019 19:22

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 20.6m AOD
 Viewpoint Grid Reference: 562184E, 181202N

Distance to Order Limits: 0m
 View Direction (Centre of View): NNE
 GPS Accuracy: 5m



Client
LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project
 LOWER THAMES CROSSING

Drawing title
 Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-27
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00070				



P01	S8	05/08/2022	First Issued	BB	HP	SK
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): N-40
 Date and Time: 19/02/2019 10:32

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 6.2m AOD
 Viewpoint Grid Reference: 559165E, 185339N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

Night-time Viewpoint: N-40
 Date and Time: 21/02/2019 18:50

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 6.2m AOD
 Viewpoint Grid Reference: 559165E, 185339N

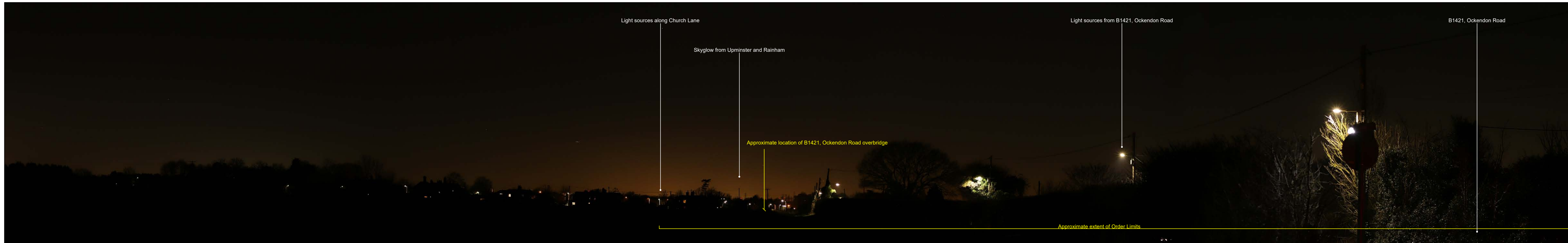
Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m



LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project: LOWER THAMES CROSSING
Drawing title: Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-40
 Sheet 1 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number		HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00097		



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	05/08/2022	First Issued	BB	HP	SK

For location see Figure 7.16 - Visual Effects Drawing with Representative Viewpoint Locations

Camera: Canon EOS 6D MkII
 Lens: Canon EF 50mm f/1.8 STM
 Equipment: Manfrotto MA 454 Micro Positioning Plate
 Manfrotto SBH-100 Ball Head

Winter Viewpoint (Top): N-40
 Date and Time: 19/02/2019 10:32

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 6.2m AOD
 Viewpoint Grid Reference: 559165E, 185339N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m

Night-time Viewpoint: N-40
 Date and Time: 21/02/2019 18:50

FL, Max Aperture: 50mm, 1.75
 Tripod Height: 1.5m
 Viewpoint Ground Height: 6.2m AOD
 Viewpoint Grid Reference: 559165E, 185339N

Distance to Order Limits: 0m
 View Direction (Centre of View): SW
 GPS Accuracy: 5m



Client

LOWER THAMES CROSSING
 5th Floor Beaufort House
 15 St Botolph Street
 London EC3A 7DT

Project LOWER THAMES CROSSING

Drawing title Figure 7.18
 Representative Viewpoints - Night-time (inc. Winter) Views
 Viewpoint N-40
 Sheet 2 of 2

Drawn	BB	Date - 05/08/2022	Status	Revision
Checked	HP	Date - 05/08/2022	S8	P01
Approved	SK	Date - 05/08/2022	Application Document No. TR010032/APP/6.2	
Drawing number HE540039-CJV-ELS-SZP_ZZ000000_Z-DR-LV-00098				

If you need help accessing this or any other National Highways information, please call **0300 123 5000** and we will help you.

© Crown copyright 2022.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-government-licence/

write to the **Information Policy Team, The National Archives, Kew, London TW9 4DU**, or email psi@nationalarchives.gsi.gov.uk.

Mapping (where present): © Crown copyright and database rights 2022 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

If you have any enquiries about this publication email info@nationalhighways.co.uk or call **0300 123 5000***.

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by National Highways.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

National Highways Company Limited registered in England and Wales number 09346363