




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 1/8/18 16:24

Not representative of scale and distance

Rev.	Date	Description	By	Eng Ck/	Dec Ck/	App/
P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA

Suitability		Suitable for Information		Status		S2
PINS Reference Number						
TR010031						
Client						
						
Project Title						
A1 Birtley to Coal House Scheme						
Drawing Title						
Figure 7.7.2 Sheet 1 of 26 Viewpoint 6 - Lamesley Road Summer Existing View						
Scale	Drawn	Eng. Check	Approved	Authorised		
NTS	SW	AW	AW	NJJA		
Original Size	Date	Date	Date	Date		
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18		
Drawing Number	Originator	Volume	Revision		Revision	
HE PIN	WSP	ELS	P02		PW Stage Code	
ZZ	PH	LE	003	Stage 3		Stage 3
Section	Type	ID	Direction	Type	Role	Number



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 1/8/18 16:24

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 4 of 26
Viewpoint 6 - Lamesley Road
Embankment Option Summer 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003



OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 1/8/18 16:24

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW NJA
Rev.	Date	Description	By	Eng Ck/	Dec Ck/ App/
Suitability					Status
Suitable for Information					S2
PINS Reference Number					
TR010031					
Client					
Project Title					
A1 Birtley to Coal House Scheme					
Drawing Title					
Figure 7.7.2 Sheet 5 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (6 Span) Summer Year of Opening					
Scale	Drawn	Eng. Check	Approved	Authorised	
NTS	SW	AW	AW	NJA	
Original Size	Date	Date	Date	Date	
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	
Drawing Number	Originator	Volume	Revision		
HE PIN	WSP	ELS	P02		
ZZ	PH	LE	003	PW Stage Code	
Section	Type	ID	Direction	Type	Number
					Stage 3




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 1/8/18 16:24

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA	
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA	
Rev.	Date	Description	By	Eng Ck/	Des Ck/	App/	
Suitability							Status
Suitable for Information							S2
PINS Reference Number							TR010031
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 6 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (6 Span) Summer Design Year							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
HE551462							
ZZ	PH	LE	003				
Section	Type	ID	Direction	Type	Role	Number	
PW Stage Code							
Stage 3							



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 1/8/18 16:24

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 7 of 26
Viewpoint 6 - Lamesley Road
Viaduct Option (6 Span) Summer 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 1/8/18 16:24

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA	
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA	
Rev.	Date	Description	By	Eng Ck/	Des Ck/	App/	
Suitability						Status	
Suitable for Information						S2	
PINS Reference Number							
TR010031							
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 8 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (7 Span) Summer Year of Opening							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
ZZ	PH	LE	003	PW Stage Code			
Section	Type	ID	Direction	Type	Role	Number	Stage 3



P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA
Rev.	Date	Description	By	Eng Ck/	Des Ck/	App/
Suitability						Status
Suitable for Information						S2
PINS Reference Number						TR010031
Client						
Project Title						A1 Birtley to Coal House Scheme
Drawing Title						Figure 7.7.2 Sheet 9 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (7 Span) Summer Design Year
Scale	Drawn	Eng. Check	Approved	Authorised		
NTS	SW	AW	AW	NJJA		
Original Size	Date	Date	Date	Date		
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18		
Drawing Number	Originator	Volume	Revision			
HE PIN HE551462	WSP	ELS	P02			
ZZ	PH	LE	003	PW Stage Code		
Section	Type	Role	Number	Stage 3		

OS Reference : NZ 25165 58076 Horizontal Field of View: 100° Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Direction of View: NORTH EAST Vertical Field of View: 27° Camera Height: 1.5m
 Distance to Scheme: 450m Camera: CANON EOS 5DS Date & Time: 1/8/18 16:24

Not representative of scale and distance



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 1/8/18 16:24

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 10 of 26
Viewpoint 6 - Lamesley Road
Viaduct Option (7 Span) Summer 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 13/11/18 15:32

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES		JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE		SW	AW	AW	NJA
Rev.	Date	Description		By	Eng Chk	Dec Chk	App'd
Suitability							Status
Suitable for Information							S2
PINS Reference Number							TR010031
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 15 of 26 Viewpoint 6 - Lamesley Road Embankment Option Winter Year of Opening							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJJA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 13/11/18 15:32

Not representative of scale and distance

Rev.	Date	Description	By	Eng Ck/	Des Ck/	App/
P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA

Suitability		Suitable for Information		Status		S2	
PINS Reference Number		TR010031					
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 16 of 26 Viewpoint 6 - Lamesley Road Embankment Option Winter Design Year							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
ZZ	PH	LE	003	PW Stage Code		Stage 3	
Section	Type	ID	Direction	Type	Role	Number	



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 13/11/18 15:32

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 17 of 26
Viewpoint 6 - Lamesley Road
Embankment Option Winter 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003



OS Reference : NZ 25165 58076 Horizontal Field of View: 100° Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Direction of View: NORTH EAST Vertical Field of View: 27° Camera Height: 1.5m
 Distance to Scheme: 450m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:32

Not representative of scale and distance

Scale		Drawn		Eng. Check		Approved		Authorised	
NTS		SW		AW		AW		NJA	
Original Size		Date		Date		Date		Date	
A1		SEPTEMBER '18		SEPTEMBER '18		SEPTEMBER '18		SEPTEMBER '18	
Drawing Number		Originator		Volume		Revision			
HE PIN		WSP		ELS		P02			
ZZ		PH		LE		003		PW Stage Code	
Section		Type		Role		Number		Stage 3	

Rev.	Date	Description	By	Eng. Ck	Dec. Ck	Appr
P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA

Suitability	Status
Suitable for Information	S2

PINS Reference Number	TR010031
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Client	
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Project Title	A1 Birtley to Coal House Scheme
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Drawing Title	Figure 7.7.2 Sheet 18 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (6 Span) Winter Year of Opening
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Security Cases




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 13/11/18 15:32

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES		JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE		SW	AW	AW	NJA
Rev.	Date	Description		By	Eng Ck/	Dec Ck/	App/
Suitability							Status
Suitable for Information							S2
PINS Reference Number							
TR010031							
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 19 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (6 Span) Winter Design Year							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJIA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

Security Cases



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 13/11/18 15:32

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 20 of 26
Viewpoint 6 - Lamesley Road
Viaduct Option (6 Span) Winter 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 13/11/18 15:32

Not representative of scale and distance

Rev.	Date	Description	By	Eng. Ck/	Disc. Ck/	Appr/
P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA

Suitability		Suitable for Information				Status		S2	
PINS Reference Number		TR010031							
Client									
Project Title		A1 Birtley to Coal House Scheme							
Drawing Title		Figure 7.7.2 Sheet 21 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (7 Span) Winter Year of Opening							
Scale	Drawn	Eng. Check	Approved	Authorised					
NTS	SW	AW	AW	NJA					
Original Size	Date	Date	Date	Date					
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18					
Drawing Number	Originator	Volume	Revision						
HE PIN	WSP	ELS	P02						
ZZ	PH	LE	003	PW Stage Code					
Section	Type	ID	Direction	Type	Role	Number	Stage 3		




OS Reference : NZ 25165 58076
 Direction of View: NORTH EAST
 Distance to Scheme: 450m

Horizontal Field of View: 100°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 13/11/18 15:32

Not representative of scale and distance

P02	FEB 20	AMENDMENTS FOR GANTRIES		JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE		SW	AW	AW	NJA
Rev.	Date	Description		By	Eng Chk	Des Chk	App'd
Suitability							Status
Suitable for Information							S2
PINS Reference Number							
TR010031							
Client							
							
Project Title							
A1 Birtley to Coal House Scheme							
Drawing Title							
Figure 7.7.2 Sheet 22 of 26 Viewpoint 6 - Lamesley Road Viaduct Option (7 Span) Winter Design Year							
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJA			
Original Size	Date	Date	Date	Date			
A1	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18	SEPTEMBER '18			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	ELS	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	



OS Reference : NZ 25165 58076
Direction of View: NORTH EAST
Distance to Scheme: 450m

Horizontal Field of View: 40°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 13/11/18 15:32

View flat at comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Figure 7.7.2 Sheet 23 of 26
Viewpoint 6 - Lamesley Road
Viaduct Option (7 Span) Winter 40° Single Frame
HE551462-WSP-ELS-ZZ-PH-LE-003