



P02	FEB 20	AMENDMENTS FOR GANTRIES		JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE		SW	AW	AW	NJA
Rev.	Date	Description		By	Eng'g Chk	Disc Chk	Appr
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 1 of 26 Viewpoint 5 - Banesley Lane Woodland Summer Existing View
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN HE551462	WSP	6.2	P02				
ZZ	PH	LE	003	PW Stage Code Stage 3			
Section	Type	ID	Direction	Type	Role	Number	Stage

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

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	Dir' Chk	Appr	
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 2 of 26 Viewpoint 5 - Banesley Lane Woodland Embankment Option Summer Year of Opening
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJIA			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

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	Dir' Chk	Appr
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 3 of 26 Viewpoint 5 - Banesley Lane Woodland Embankment Option Summer Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJJA			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN HE551462	WSP	6.2	P02				
ZZ	PH	LE	003	PW Stage Code			
Section	Type	Role	Number	Stage 3			

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

Not representative of scale and distance



OS Reference : NZ 24290 58167
 Direction of View: NORTH EAST
 Distance to Scheme: 550m

Horizontal Field of View: 120°
 Vertical Field of View: 27°
 Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
 Camera Height: 1.5m
 Date & Time: 31/7/18 15:30

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

Figure 7.7.1 Sheet 4 of 26
 Viewpoint 5 - Banesley Lane Woodland
 Embankment Option Summer 40° Single Frame
 HE551462-WSP-6.2-ZZ-PH-LE-003



P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA	
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA	
Rev.	Date	Description	By	Eng'g Chk	Disc Chk	Appr	
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 5 of 26 Viewpoint 5 - Banesley Lane Woodland 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			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN HE551462	WSP	6.2	P02				
ZZ	PH	LE	003	PW Stage Code			
Section	Type	ID	Direction	Type	Role	Number	Stage 3

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

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	Dir' Chk	Appr	
SUITABLE FOR INFORMATION							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 6 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (6 Span) Summer Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

Not representative of scale and distance



OS Reference : NZ 24290 58167
Direction of View: NORTH EAST
Distance to Scheme: 550m

Horizontal Field of View: 120°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 31/7/18 15:30

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

Figure 7.7.1 Sheet 7 of 26
Viewpoint 5 - Banesley Lane Woodland
Viaduct Option (6 Span) Summer 40° Single Frame
HE551462-WSP-6.2-ZZ-PH-LE-003



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	Dir' Chk	Appr	
SUITABLE FOR INFORMATION							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 8 of 26 Viewpoint 5 - Banesley Lane Woodland 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			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

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'g Chk	Disc Chk	Appr'd	
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 9 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (7 Span) Summer Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN HE551462	WSP	6.2	P02				
ZZ	PH	LE	003	PW Stage Code Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 31/7/18 15:30

Not representative of scale and distance



OS Reference : NZ 24290 58167
Direction of View: NORTH EAST
Distance to Scheme: 550m


Horizontal Field of View: 120°
Vertical Field of View: 27°
Camera: CANON EOS 5DS

Lens: Sigma 50mm f1.4 DG HSM | A (Canon)
Camera Height: 1.5m
Date & Time: 31/7/18 15:30

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

Figure 7.7.1 Sheet 10 of 26
Viewpoint 5 - Banesley Lane Woodland
Viaduct Option (7 Span) Summer 40° Single Frame
HE551462-WSP-6.2-ZZ-PH-LE-003



P02	FEB 20	AMENDMENTS FOR GANTRIES		JD	AW	AW	NJA		
P01	DEC 18	FIRST ISSUE		SW	AW	AW	NJA		
Rev.	Date	Description		By	Eng'g Chk	Disc Chk	Appr'd		
SUITABLE FOR INFORMATION								Status	
SUITABLE FOR INFORMATION									
PINS Reference Number									
TR010031									
Client									
									
Project Title									
A1 Birtley to Coal House Scheme									
Drawing Title									
Figure 7.7.1 Sheet 14 of 26 Viewpoint 5 - Banesley Lane Woodland Winter Existing View									
Scale	Drawn	Eng. Check	Approved	Authorised					
NTS	SW	AW	AW	NJA					
Original Size	Date	Date	Date	Date					
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19					
Drawing Number	Originator	Volume	Revision						
HE PIN HE551462	WSP	6.2	P02						
ZZ	PH	LE	003	PW Stage Code					
Section	Type	Role	Number	Stage 3					

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

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	Dir' Chk	Appr	
SUITABLE FOR INFORMATION							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 15 of 26 Viewpoint 5 - Banesley Lane Woodland Embankment Option Winter Year of Opening
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11 /18 15:56

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	Dir' Chk	Appr
Suitability							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 16 of 26 Viewpoint 5 - Banesley Lane Woodland Embankment Option Winter Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

Not representative of scale and distance



OS Reference : NZ 24290 58167
Direction of View: NORTH EAST
Distance to Scheme: 550m

Horizontal Field of View: 120°
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 15:56

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

Figure 7.7.1 Sheet 17 of 26
Viewpoint 5 - Banesley Lane Woodland
Embankment Option Winter 40° Single Frame
HE551462-WSP-6.2-ZZ-PH-LE-003



P02	FEB 20	AMENDMENTS FOR GANTRIES	JD	AW	AW	NJA
P01	DEC 18	FIRST ISSUE	SW	AW	AW	NJA
Rev.	Date	Description	By	Eng'g Chk	Dir'g Chk	App'r
Suitability						Status
SUITABLE FOR INFORMATION						
PINS Reference Number						TR010031
Client						
Project Title						A1 Birtley to Coal House Scheme
Drawing Title						Figure 7.7.1 Sheet 18 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (6 Span) Winter Year of Opening
Scale	Drawn	Eng. Check	Approved	Authorised		
NTS	SW	AW	AW	NJ		
Original Size	Date	Date	Date	Date		
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19		
Drawing Number	Originator	Volume	Revision			
HE PIN HE551462	WSP	6.2	P02			
ZZ	PH	LE	003	PW Stage Code		
Section	Type	Role	Number	Stage 3		

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

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	Dir' Chk	Appr	
SUITABLE FOR INFORMATION							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 19 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (6 Span) Winter Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJ			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN	WSP	6.2	P02				
HE551462			PW Stage Code				
ZZ	PH	LE	003	Stage 3			
Section	Type	ID	Direction	Type	Role	Number	

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

Not representative of scale and distance



OS Reference : NZ 24290 58167
Direction of View: NORTH EAST
Distance to Scheme: 550m

Horizontal Field of View: 120°
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 15:56

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

Figure 7.7.1 Sheet 20 of 26
Viewpoint 5 - Banesley Lane Woodland
Viaduct Option (6 Span) Winter 40° Single Frame
HE551462-WSP-6.2-ZZ-PH-LE-003



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	Dir' Chk	Appr
SUITABLE FOR INFORMATION						Status
SUITABLE FOR INFORMATION						
PINS Reference Number						TR010031
Client						
Project Title						A1 Birtley to Coal House Scheme
Drawing Title						Figure 7.7.1 Sheet 21 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (7 Span) Winter Year of Opening
Scale	Drawn	Eng. Check	Approved	Authorised		
NTS	SW	AW	AW	NJ		
Original Size	Date	Date	Date	Date		
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19		
Drawing Number	Originator	Volume	Revision			
HE PIN	WSP	6.2	P02			
HE551462			PW Stage Code			
ZZ	PH	LE	003	Stage 3		
Section	Type	Role	Number			

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

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	Dir' Chk	Appr	
SUITABLE FOR INFORMATION							Status
SUITABLE FOR INFORMATION							
PINS Reference Number							TR010031
Client							
Project Title							A1 Birtley to Coal House Scheme
Drawing Title							Figure 7.7.1 Sheet 22 of 26 Viewpoint 5 - Banesley Lane Woodland Viaduct Option (7 Span) Winter Design Year
Scale	Drawn	Eng. Check	Approved	Authorised			
NTS	SW	AW	AW	NJA			
Original Size	Date	Date	Date	Date			
A3	APRIL 19	APRIL 19	APRIL 19	APRIL 19			
Drawing Number	Originator	Volume	Revision				
HE PIN HE551462	WSP	6.2	P02				
Section	Type	ID	Direction	PH Type	LE Role	003 Number	PW Stage Code Stage 3

OS Reference : NZ 24290 58167 Horizontal Field of View: 120° 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: 550m Camera: CANON EOS 5DS Date & Time: 13/11/18 15:56

Not representative of scale and distance



OS Reference : NZ 24290 58167
Direction of View: NORTH EAST
Distance to Scheme: 550m

Horizontal Field of View: 120°
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 15:56

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

Figure 7.7.1 Sheet 23 of 26
Viewpoint 5 - Banesley Lane Woodland
Viaduct Option (7 Span) Winter 40° Single Frame
HE551462-WSP-6.2-ZZ-PH-LE-003