

A27

Arundel Bypass

Scheme Assessment Report

May 2018

TABLE OF CONTENTS

APPENDICES

A P P E N D I X A ENVIRONMENTAL DRAWINGS

APPENDIX A-1 CULTURAL HERITAGE

APPENDIX A-2 LANDSCAPE

APPENDIX A-3 NATURE CONSERVATION

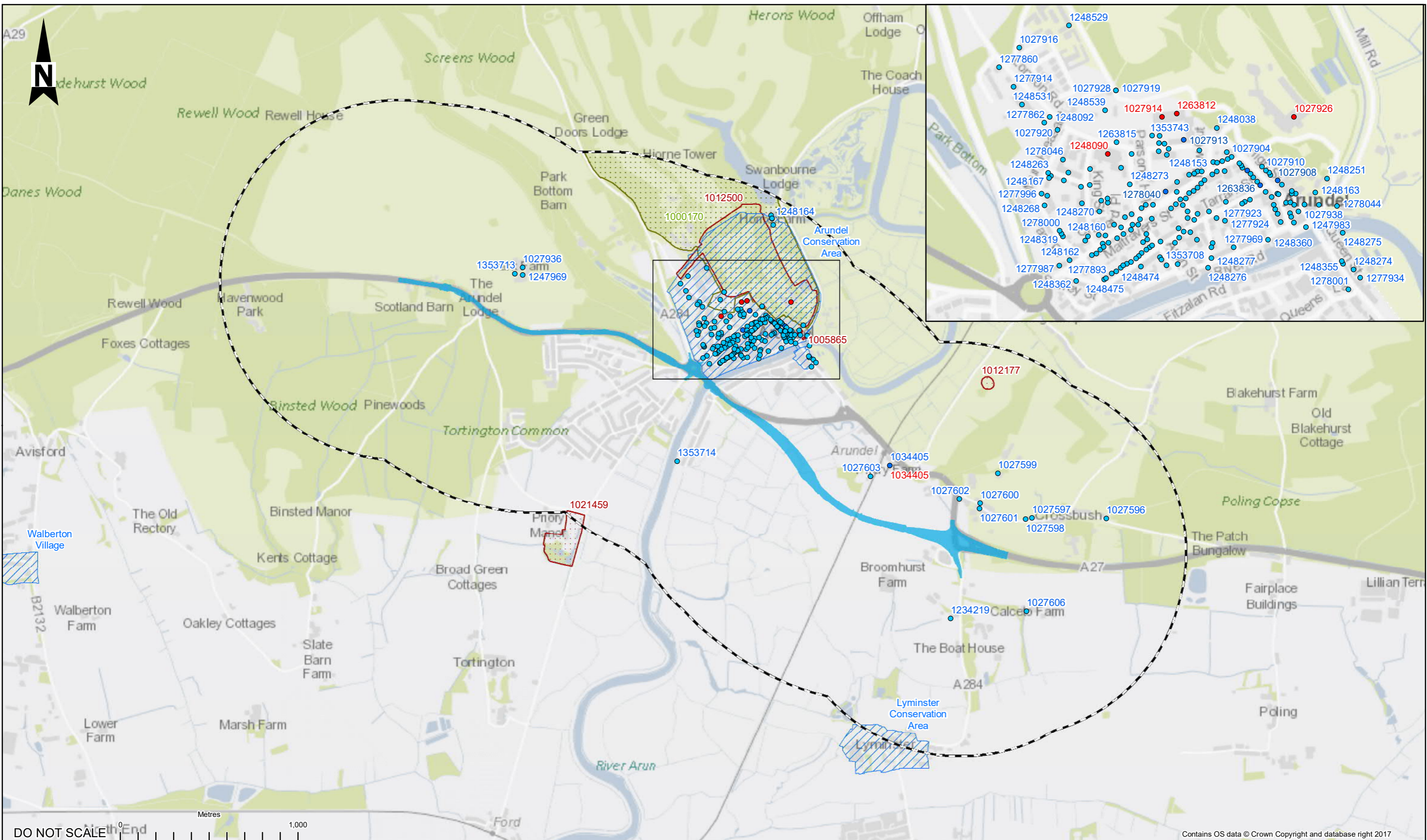
APPENDIX A-4 NOISE AND VIBRATION

APPENDIX A-5 PEOPLE AND COMMUNITIES AND WATER ENVIRONMENT

Appendix A

ENVIRONMENTAL DRAWINGS

APPENDIX A-1
CULTURAL HERITAGE



KEY:

- OPTION 1
- 1KM STUDY AREA
- LISTED BUILDING GRADE
 - I
 - II*
 - II
- CONSERVATION AREA
- REGISTERED PARK AND GARDEN
- SCHEDULED MONUMENT

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chkd App'd
P01.1	---	First Issue	---	---

Drawing Status: **WORK IN PROGRESS**

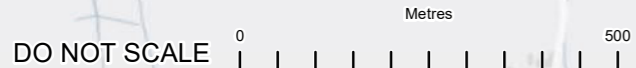
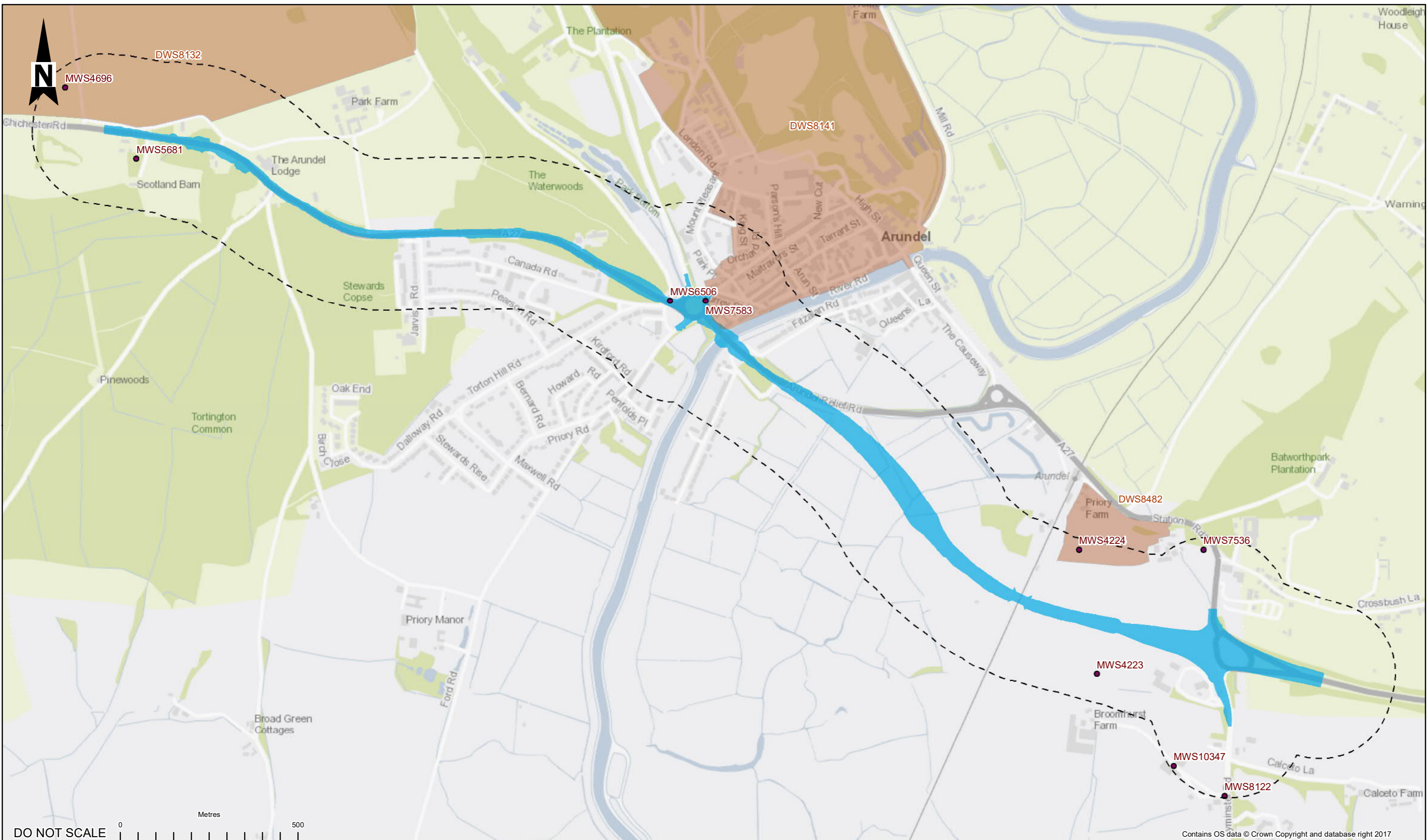
Suitability: **S0**

wsp
WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 6.1 OPTION 1: DESIGNATED HERITAGE ASSET LOCATION PLAN				
Scale: 1:20,000	Drawn: CB	Checked: CR	Approved: CV	Authorised: CV
Original Size: A3	Date: 29/11/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 - WSP - GEN - A27AR- FI - GIS - 0601	Project Ref. No.: 3511134A	Originator: ---	Volume: ---	Revision: A
Location: ---	Type: ---	Role: ---	Number: ---	---



Contains OS data © Crown Copyright and database right 2017

- KEY:**
- OPTION 1
 - 200M STUDY AREA
 - NON-DESIGNATED HERITAGE ASSET
 - ARCHAEOLOGICAL NOTIFICATION AREA

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Clearing			
Use			
Decommissioning / Demolition			
Rev.	Date	Description	By Chkd App'd
P01.1	--	First Issue	-- -- --

Drawing Status: **WORK IN PROGRESS**

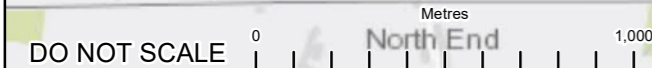
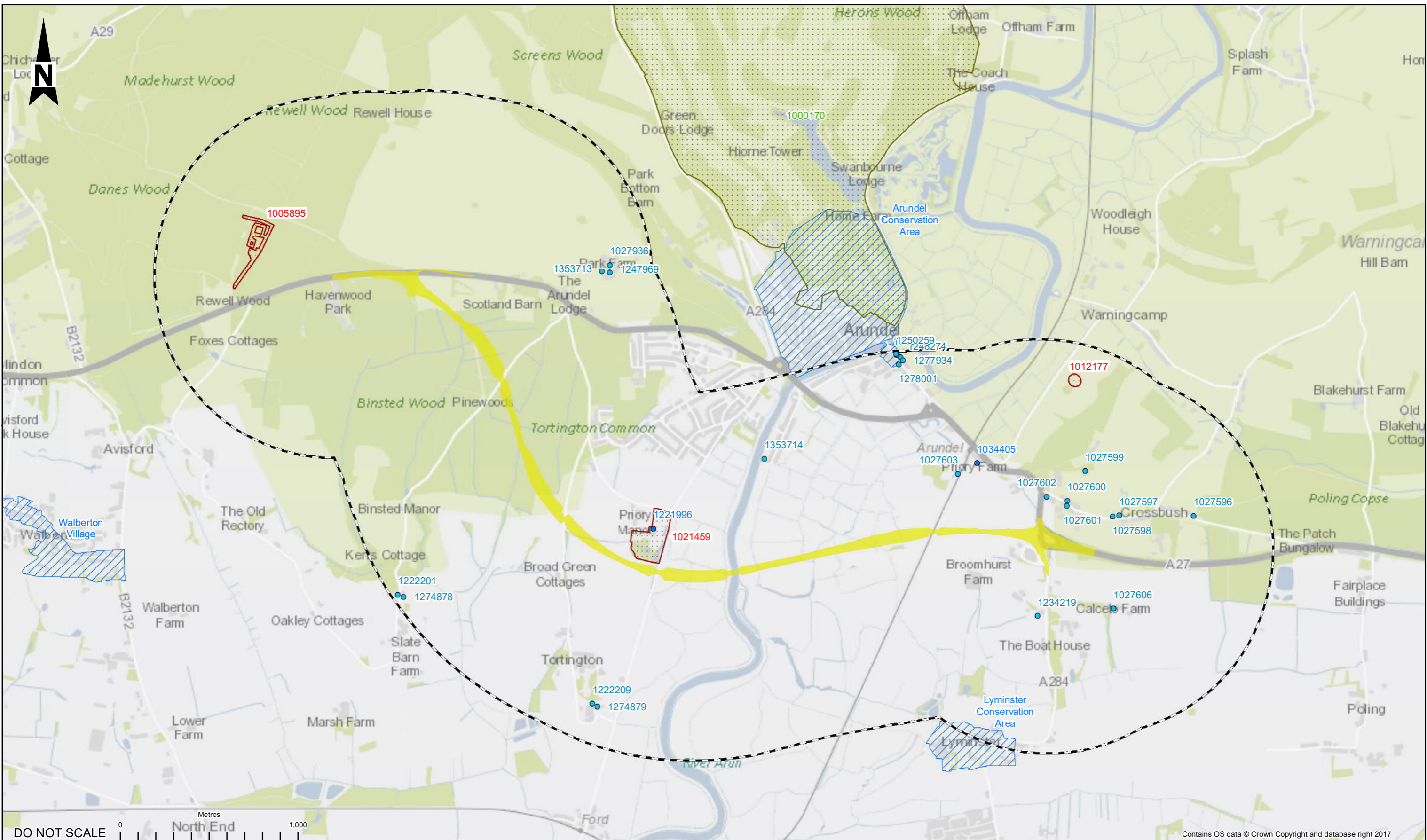
Suitability: **S0**

wsp WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 6.2 OPTION 1: NON-DESIGNATED HERITAGE ASSET LOCATION PLAN				
Scale: 1:10,000	Drawn: CR	Checked: CB	Approved: CV	Authorised: CV
Original Size: A3	Date: 29/11/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 0602	Project Ref. No.: 3511134A	Originator: Volume	Authorised: Revision	Authorised: A
Location: Type Role Number				



Contains OS data © Crown Copyright and database right 2017

- KEY:**
- OPTION 3
 - 1KM STUDY AREA
 - LISTED BUILDING GRADE**
 - DL
 - I
 - II*
 - II
 - CONSERVATION AREA
 - REGISTERED PARK AND GARDEN
 - SCHEDULED MONUMENT

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status: **WORK IN PROGRESS**

Suitability: **S0**



WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**



Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 6.3 OPTION 3: DESIGNATED HERITAGE ASSET LOCATION PLAN				
Scale: 1:20,000	Drawn: CR	Checked: CB	Approved: CV	Authorised: CV
Original Size: A3	Date: 29/11/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 0603	Originator: ---	Volume: ---	Project Ref. No. 3511134A	
Location: ---	Type: ---	Role: ---	Revision: A	



- KEY:**
- OPTION 3
 - 200M STUDY AREA
 - NON-DESIGNATED HERITAGE ASSETS
 - ARCHAEOLOGICAL NOTIFICATION AREA

DO NOT SCALE

0 500 Metres

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Clearing			
Use			
Decommissioning / Demolition			
Rev.	Date	Description	By Chkd App'd
P01.1	--	First Issue	-- -- --

Drawing Status: **WORK IN PROGRESS**

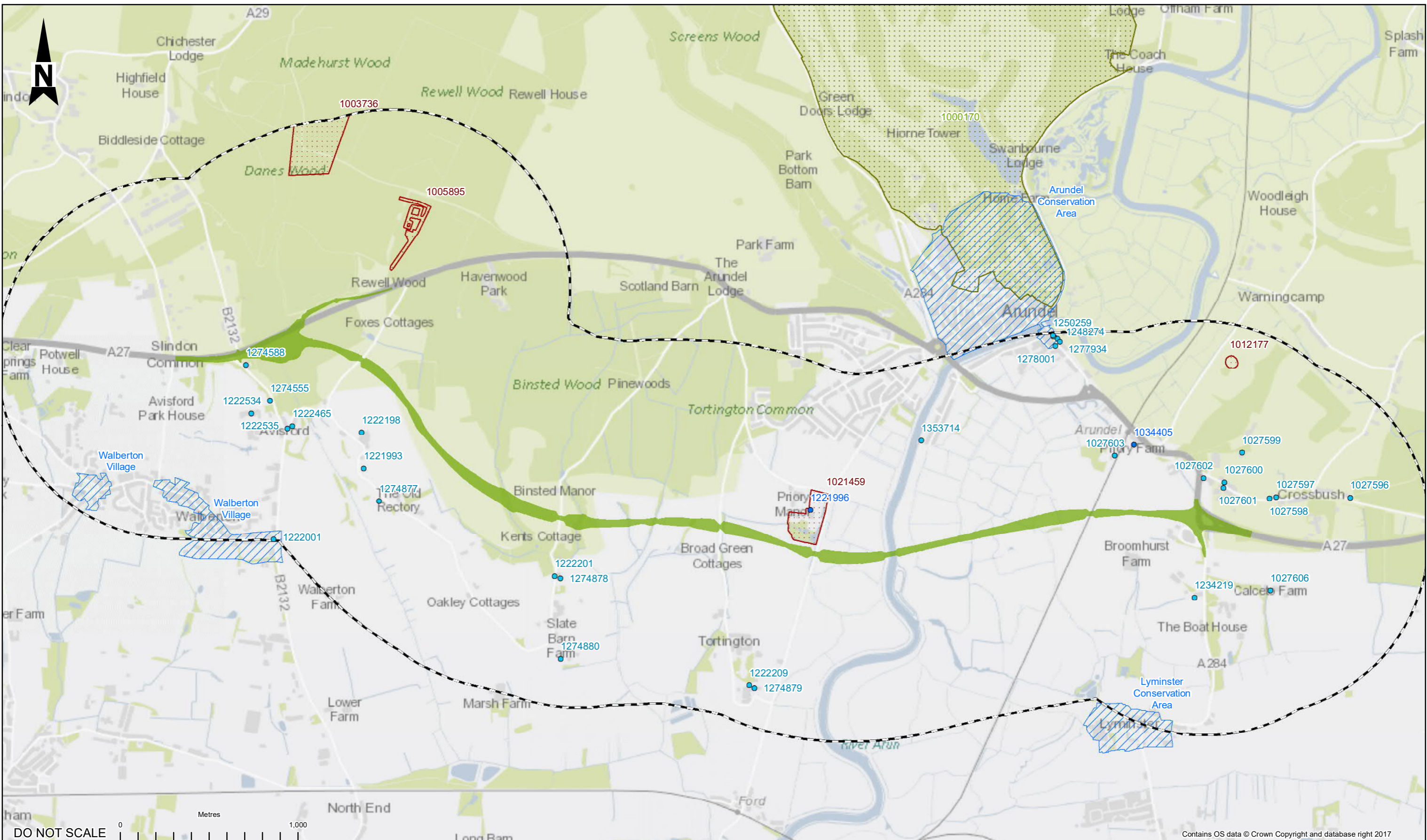
Suitability: **S0**

WSP
WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 6.4 OPTION 3: NON-DESIGNATED HERITAGE ASSET LOCATION PLAN				
Scale: 1:12,000	Drawn: CR	Checked: CB	Approved: CV	Authorised: CV
Original Size: A3	Date: 29/11/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 0604	Project: HE551523 -WSP - GEN - A27AR- FI - GIS - 0604	Originator: ---	Volume: ---	Project Ref. No: 351134A
Location: ---	Type: ---	Role: ---	Number: ---	Revision: A



KEY:

- OPTION 5A
- 1KM STUDY AREA
- LISTED BUILDING GRADE**
- I
- II*
- II
- CONSERVATION AREA
- REGISTERED PARK AND GARDEN
- SCHEDULED MONUMENTS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Clearing			
Use			
Decommissioning / Demolition			
P01.1	---	First Issue	---
Rev.	Date	Description	By Chkd App'd

Drawing Status	WORK IN PROGRESS
Suitability	S0
Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL
Drawing Title	FIGURE 6.5 OPTION 5A: DESIGNATED HERITAGE ASSETS LOCATION PLAN
Scale	1:20,000
Original Size	A3
Drawn	CR
Checked	CB
Approved	CV
Authorised	CV
Date	29/11/17
Project Ref. No.	HE551523 - WSP - GEN - A27AR- FI - GIS - 0605
Volume	3511134A
Revision	A
Location	Type Role Number

wsp

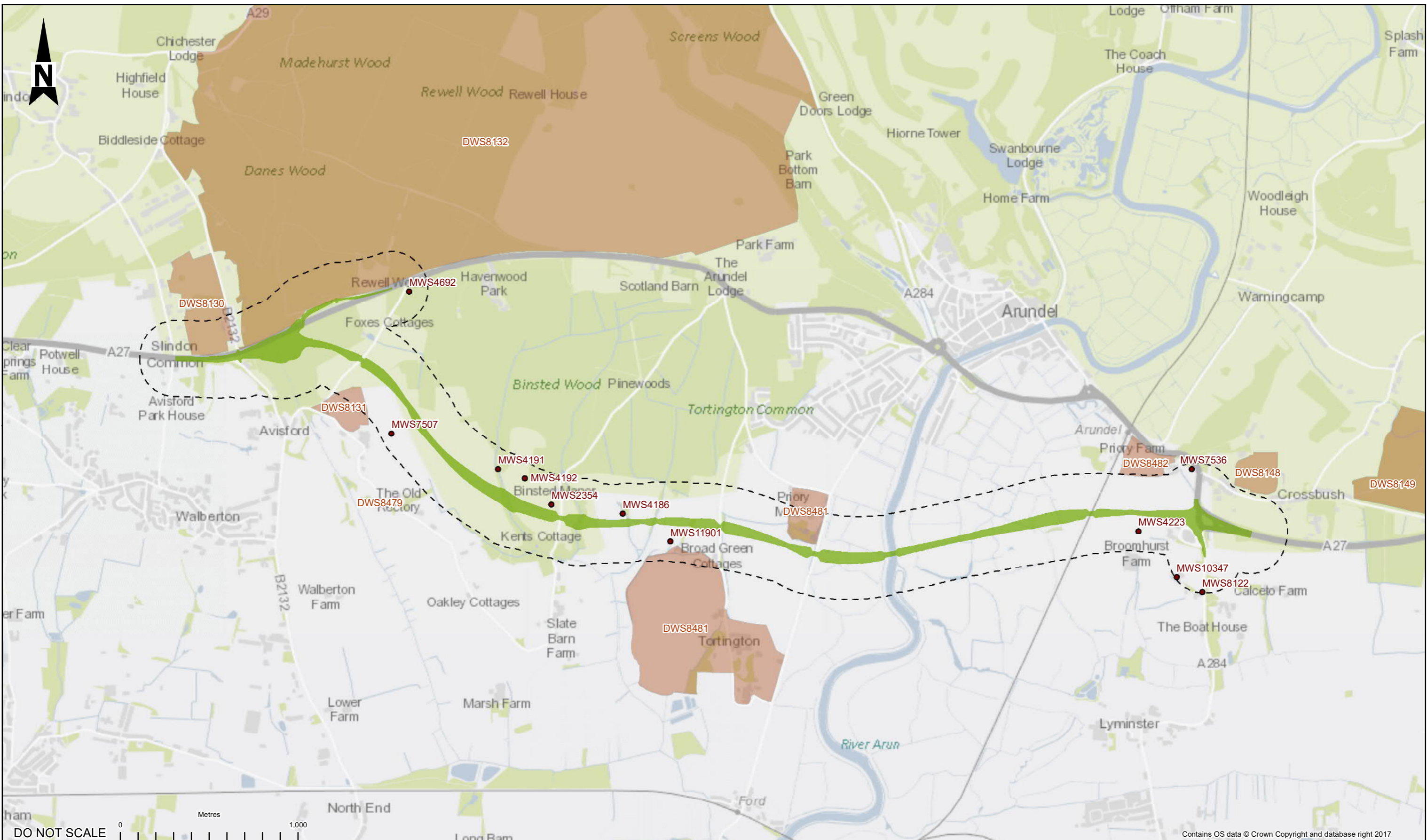
WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of

highways england

Scale	1:20,000
Original Size	A3
Drawn	CR
Checked	CB
Approved	CV
Authorised	CV
Date	29/11/17
Project Ref. No.	HE551523 - WSP - GEN - A27AR- FI - GIS - 0605
Volume	3511134A
Revision	A
Location	Type Role Number



- KEY:**
- OPTION 5A
 - 200M STUDY AREA
 - NON-DESIGNATED HERITAGE ASSETS
 - ARCHAEOLOGICAL NOTIFICATION AREA

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	
Maintenance / Clearing	
Use	
Decommissioning / Demolition	
Rev.	Date Description By Chkd App'd

Drawing Status: **WORK IN PROGRESS**

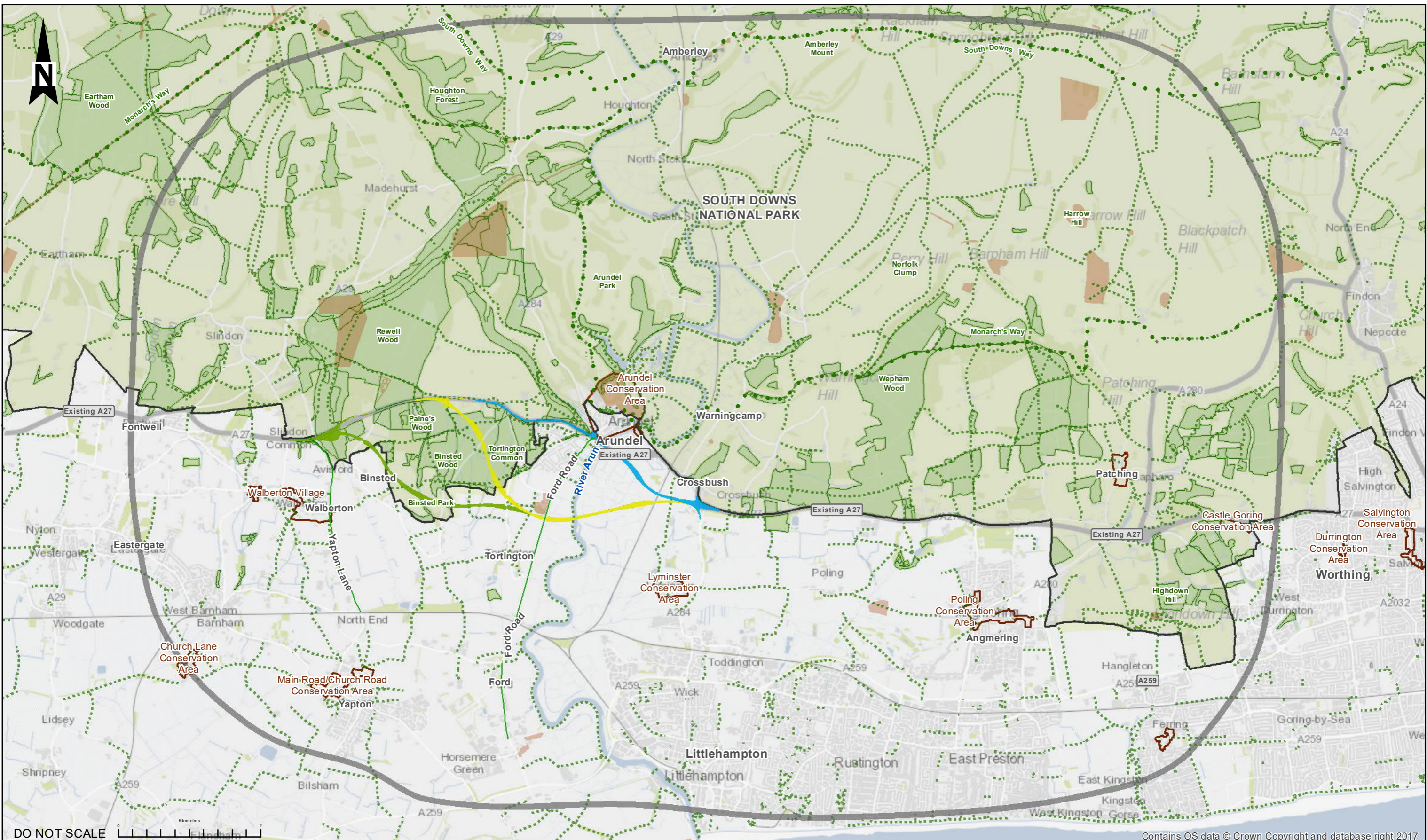
wsp
WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

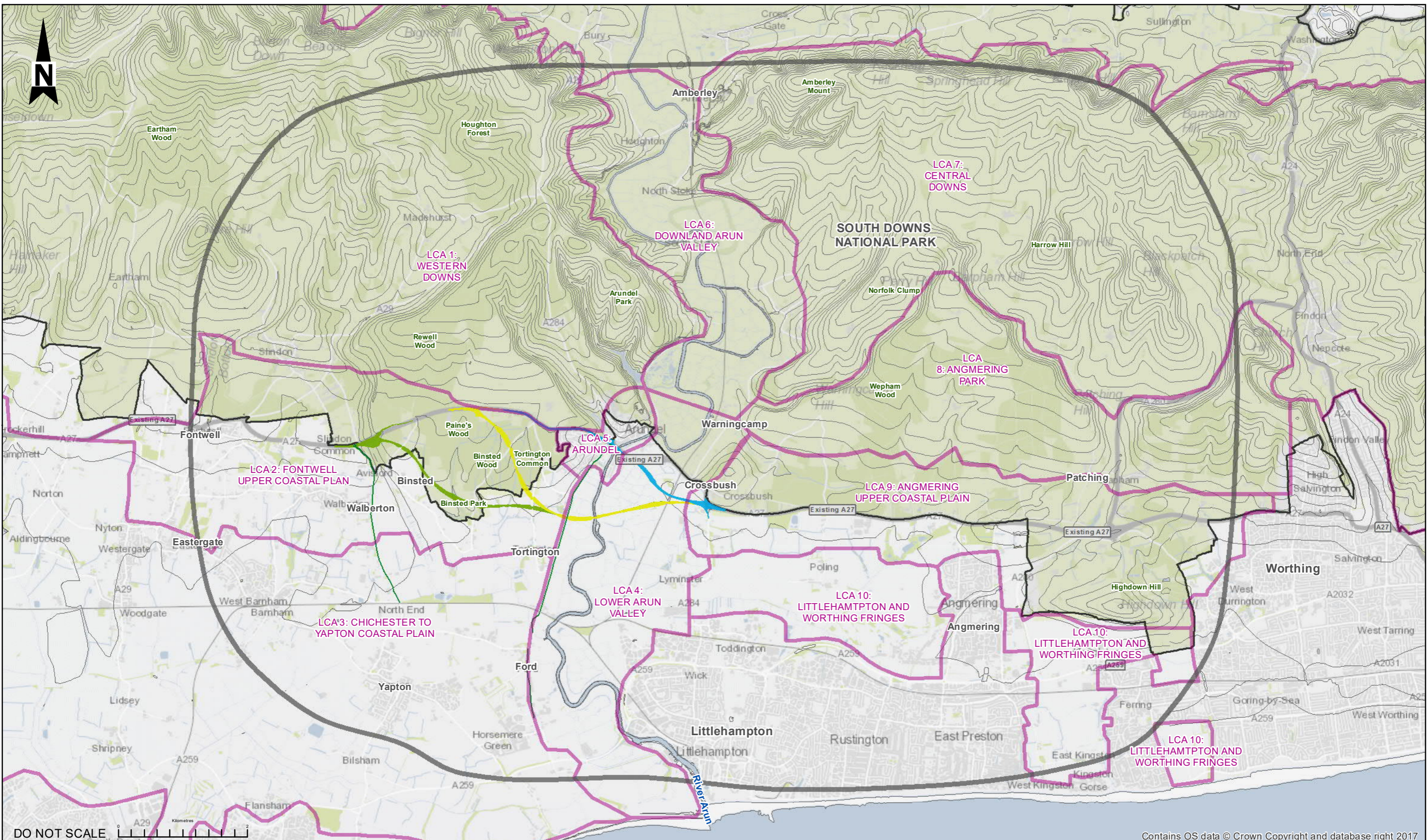
Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL	
Drawing Title: FIGURE 6.6 OPTION 5A: NON-DESIGNATED HERITAGE ASSET LOCATION PLAN	
Scale: 1:20,000	Drawn: CR
Original Size: A3	Date: 29/11/17
Checked: CB	Approved: CV
Authorised: CV	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 0606	Project Ref. No. 3511134A
Originator: ---	Volume: ---
Revision: ---	Number: A

APPENDIX A-2
LANDSCAPE





Contains OS data © Crown Copyright and database right 2017

- KEY:**
- OPTION 1
 - OPTION 3
 - OPTION 5A
 - STUDY AREA
 - CONTOURS (10M INTERVALS)
 - LANDSCAPE CHARACTER AREA (LCA)
 - SOUTH DOWNS NATIONAL PARK

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
Rev.	Date	Description	By Chk'd App'd
P01.1	--	First Issue	-- -- --

Drawing Status: **WORK IN PROGRESS**

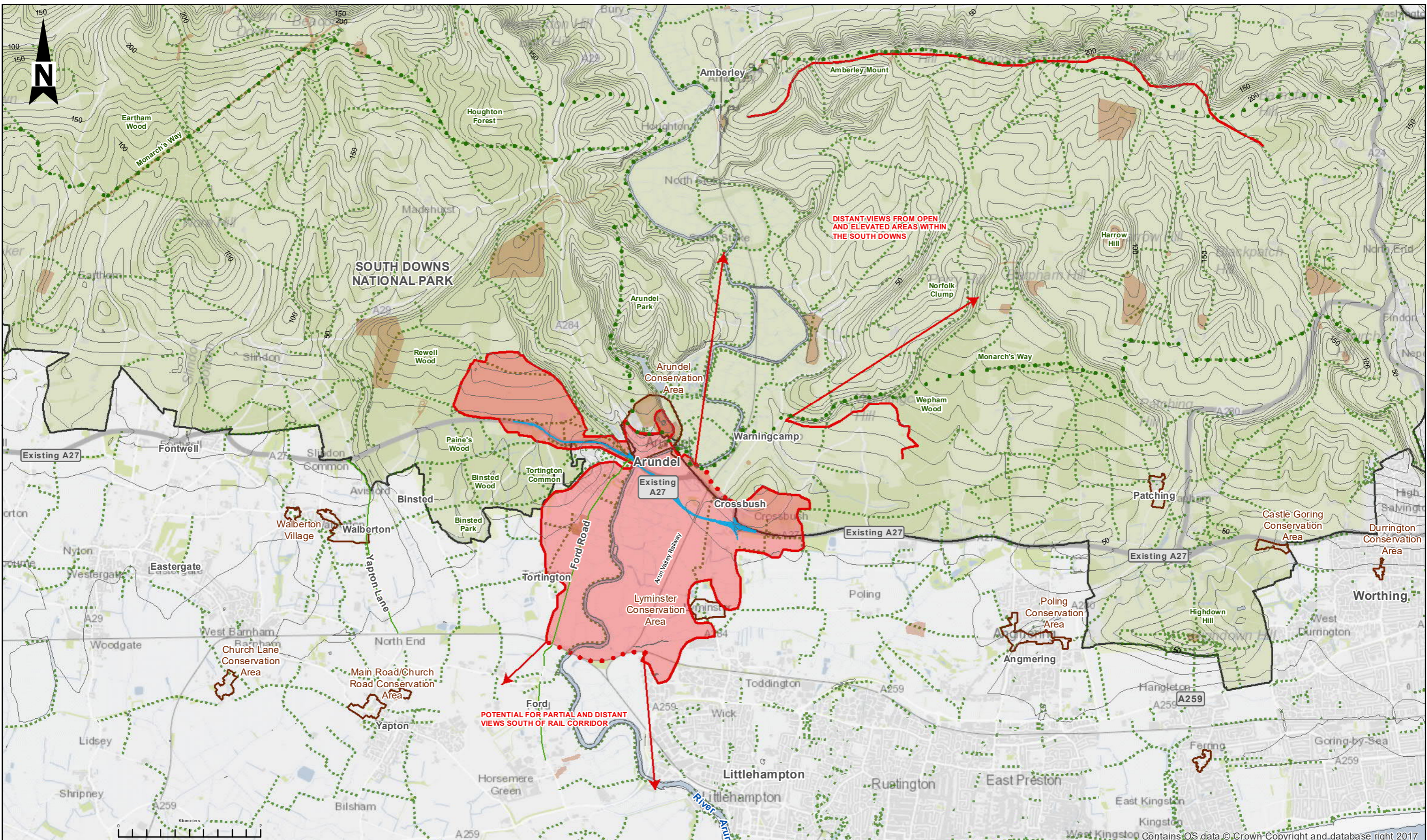
Subsidiary: **S0**

wsp
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title FIGURE 7.2 LANDSCAPE CHARACTER AREA				
Scale	Drawn	Checked	Approved	Authorised
1:55,000	CB	LW	LW	LW
Original Size	Date	Date	Date	Date
A3	23/04/18	23/04/18	---	---
Drawing Number	Originator	Volume	Project Ref. No.	
HE551523 -WSP - GEN -	A27AR- FI - GIS -	0702	351134A	
Location	Type	Role	Revision	
			A	



KEY:

- OPTION 1
- CORE ZVI
- EXTENT OF VIEWS
- LOCAL FEATURE LIMITING LOW LEVEL VIEWS WITHIN FLOODPLAIN
- DISTANT VIEWS
- CONTOURS (10M INTERVALS)
- PUBLIC RIGHT OF WAY
- LONG DISTANCE FOOTPATH
- CONSERVATION AREA
- SCHEDULED MONUMENT
- SOUTH DOWNS NATIONAL PARK

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
<p>In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).</p> <p>Construction</p> <p>Maintenance / Cleaning</p> <p>Use</p> <p>Decommissioning / Demolition</p>	<p>PD1.1 -- First Issue</p> <p>Description By Chkd</p>

Drawing Status: **WORK IN PROGRESS**

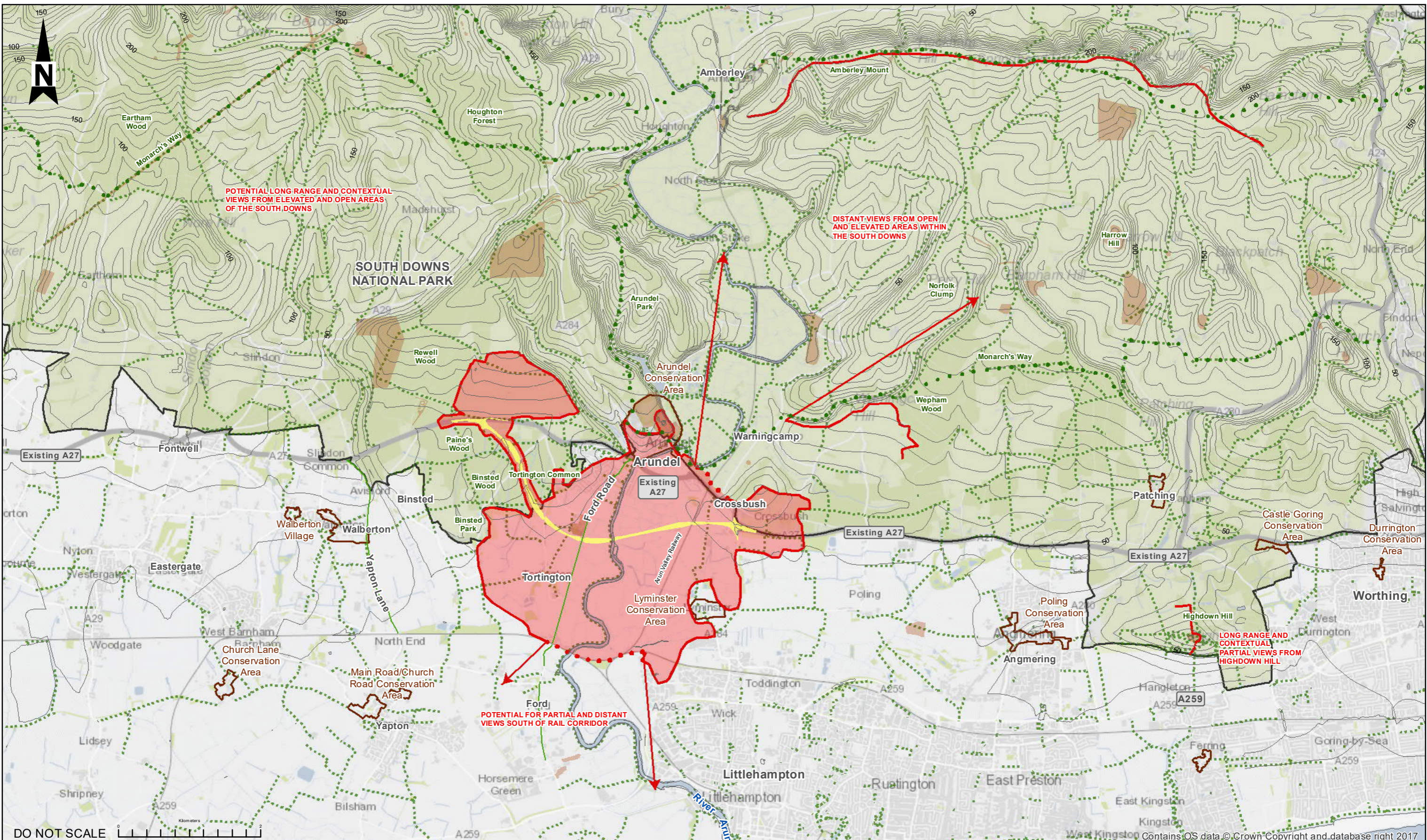
Subsidiary: **S0**

wsp WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title FIGURE 7.3 ZONE OF VISUAL INFLUENCE (ZVI): OPTION 1				
Scale 1:50,000	Drawn CB	Checked LW	Approved LW	Authorised LW
Original Size A3	Date 23/04/18	Date 23/04/18	Date ---	Date ---
Drawing Number Project HE551523 -WSP - GEN - A27AR- F1 - GIS - 0703	Originator Volume -	Project Ref. No. 3511134A		Revision A
Location	Type	Role	Number	



KEY:

- OPTION 3
- CORE ZVI
- EXTENT OF VIEWS
- LOCAL FEATURE LIMITING LOW LEVEL VIEWS WITHIN FLOODPLAIN
- DISTANT VIEWS
- CONTOURS (10M INTERVALS)
- PUBLIC RIGHT OF WAY
- LONG DISTANCE FOOTPATH
- CONSERVATION AREA
- SCHEDULED MONUMENT
- SOUTH DOWNS NATIONAL PARK

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	
P01.1	First Issue
Description	By Chkd

Drawing Status: **WORK IN PROGRESS**

wsp

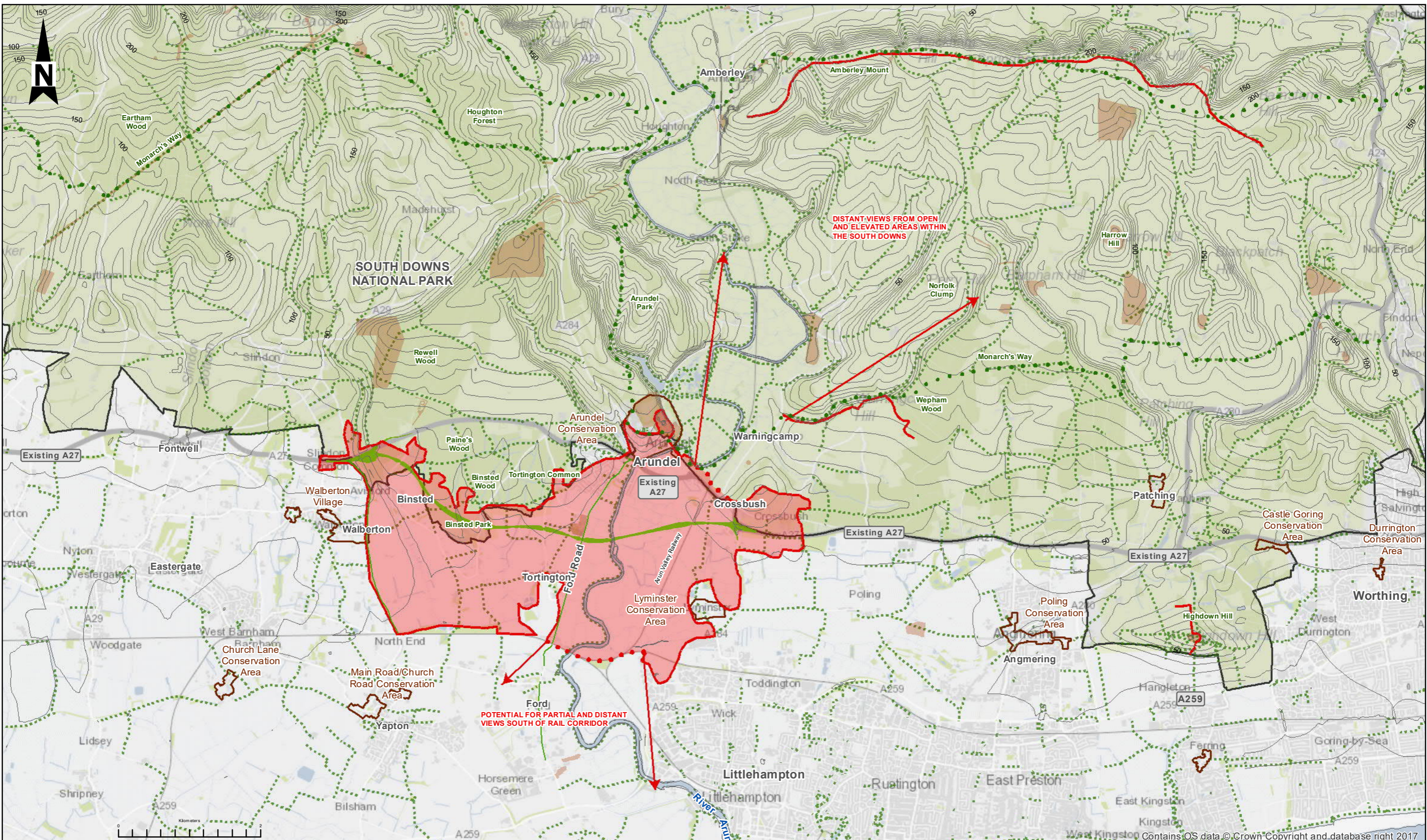
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**

highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.4 ZONE OF VISUAL INFLUENCE (ZVI): OPTION 3				
Scale: 1:50,000	Drawn: CB	Checked: LW	Approved: LW	Authorised: LW
Original Size: A3	Date: 23/04/18	Date: 23/04/18	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- F1 - GIS - 0704	Originator: ---	Volume: ---	Project Ref. No. 3511134A	
Location: ---	Type: ---	Role: ---	Number: ---	Revision: A



KEY:

- OPTION 5A
- CORE ZVI
- EXTENT OF VIEWS
- LOCAL FEATURE LIMITING LOW LEVEL VIEWS WITHIN FLOODPLAIN
- DISTANT VIEWS
- CONTOURS (10M INTERVALS)
- PUBLIC RIGHT OF WAY
- LONG DISTANCE FOOTPATH
- CONSERVATION AREA
- SCHEDULED MONUMENT
- SOUTH DOWNS NATIONAL PARK

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	
P01.1	First Issue
Description	By Chkd

Drawing Status: **WORK IN PROGRESS**

wsp

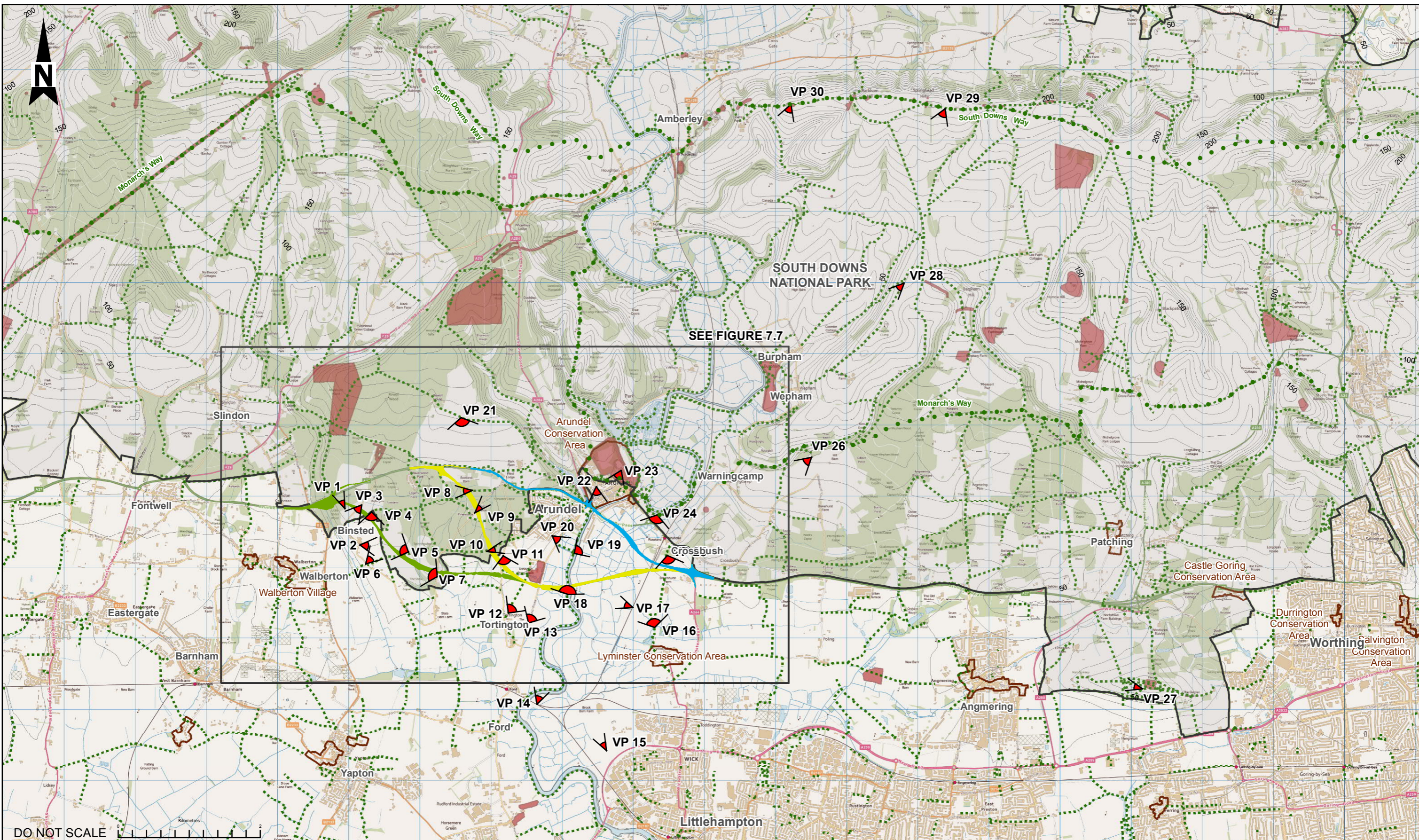
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**

highways england

Project Title		REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL			
Drawing Title		FIGURE 7.5 ZONE OF VISUAL INFLUENCE (ZVI): OPTION 5A			
Scale	1:50,000	Drawn	CB	Checked	LW
Original Size	A3	Date	23/04/18	Date	23/04/18
Approved	LW	Authorised	LW	Date	---
Drawing Number	HE551523 - WSP - GEN - A27AR- F1 - GIS - 0705	Project Ref. No.	3511134A	Revision	A
Location		Type		Role	



KEY:

—	OPTION 1		SOUTH DOWNS NATIONAL PARK
—	OPTION 3		
—	OPTION 5A		
—	CONTOURS (10M INTERVALS)		
- - -	PUBLIC RIGHT OF WAY		
● ● ●	LONG DISTANCE FOOTPATH		
▲	VIEWPOINT		
	CONSERVATION AREA		
	SCHEDULED MONUMENT		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			

Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status: **WORK IN PROGRESS**

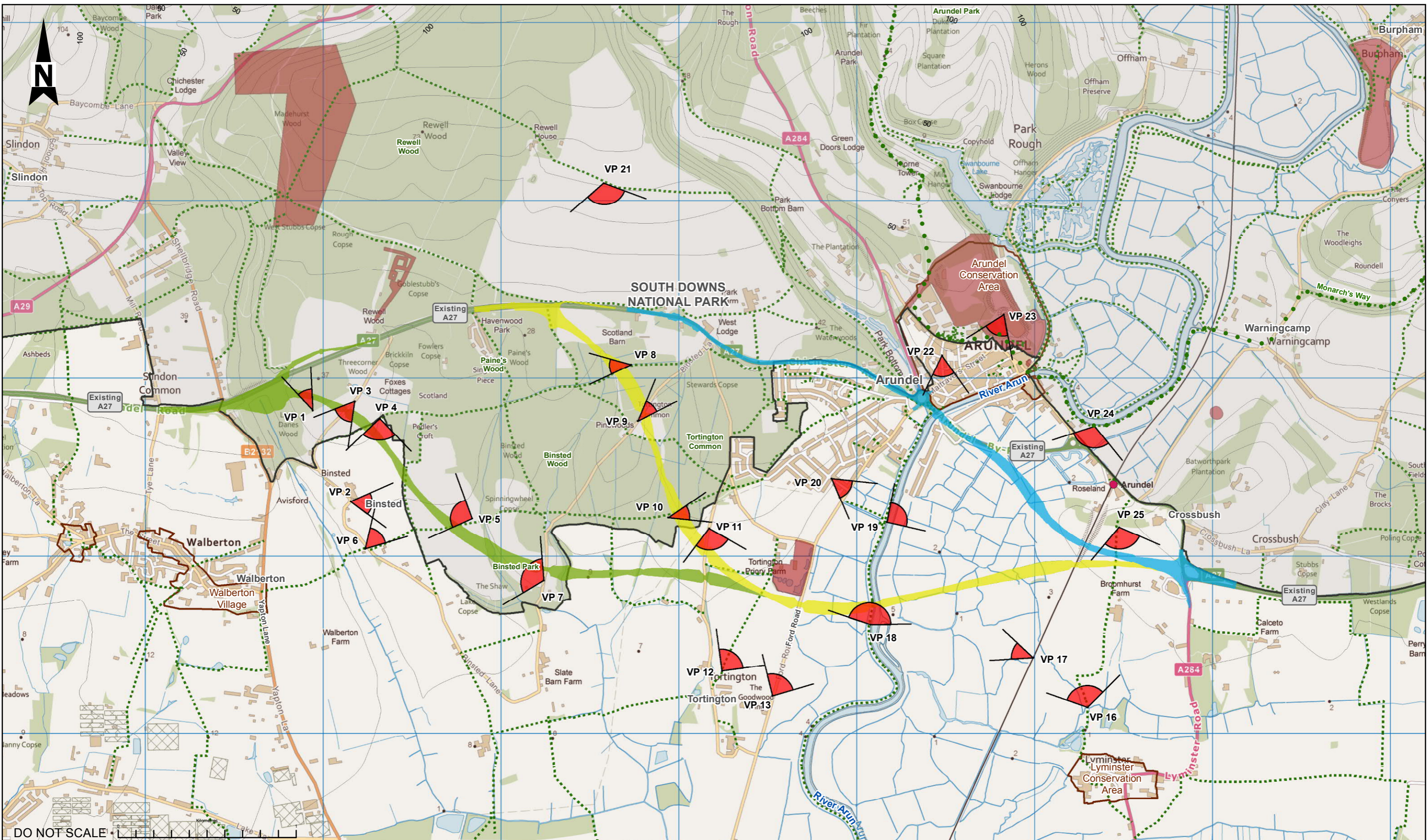
Suitability: **S0**

WSP
WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.6 PROPOSED VIEWPOINT LOCATIONS (1 OF 2)				
Scale: 1:50,000	Drawn: CB	Checked: LW	Approved: LW	Authorised: LW
Original Size: A3	Date: 16/10/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- F1 - GIS - 7.6	Originator: ---	Volume: ---	Project Ref. No. 3511134A	
Location: ---	Type: ---	Role: ---	Revision: 134A	



DO NOT SCALE

	OPTION 1
	OPTION 3
	OPTION 5A
	CONTOURS (10M INTERVALS)
	LONG DISTANCE FOOTPATH
	VIEWPOINT
	CONSERVATION AREA
	SCHEDULED MONUMENT
	SOUTH DOWNS NATIONAL PARK

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL
Drawing Title	FIGURE 7.7 PROPOSED VIEWPOINT LOCATIONS (2 OF 2)
Scale	1:20,000
Original Size	A3
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 7.7
Project	
Location	

WSP

WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com



Copyright © WSP Group (2017)

Client: Working on behalf of

Drawing Status	WORK IN PROGRESS	Suitability	S0
Scale	1:20,000	Drawn	CB
Original Size	A3	Checked	LW
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 7.7	Approved	LW
Project		Date	16/10/17
Location		Date	
Project Ref. No.	351134A	Authorised	LW
Revision		Date	




Short distance view north along the local footpath, the historic coppicing of shrubs and trees has resulted in the observed tunnel effect. Views are heavily constrained by the adjacent planting with little or no awareness of the sky above or the adjoining woodland. The view is representative of those experienced by users of the footpath, within a managed area of woodland.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON		Drawing Status FOR INFORMATION	Suitability S2	Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL					
	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.8 VIEWPOINT 01 BARN'S COPSE					
Construction		Copyright © WSP Group (2017)		Client Working on behalf of 		Scale NTS	Drawn CB	Checked LW	Approved AW	Authorised
Maintenance / Cleaning		Rev. Date Description By Chk'd App'd		Original Size A3		Date	Date	Date	Date	Date
Use		P01.1 --- First Issue --- --- ---		Drawing Number HE551523 -WSP - GEN -		Volume A27AR- FI -ELS - 0001		Project Ref. No. 3511134A		Revision P01
Decommissioning / Demolition				Project A27AR- FI -ELS - 0001		Location Type Role Number				

BINSTED WOODS




A middle distance view east and south east of gently undulating landform, comprising several arable fields with a backdrop of mature woodland (Ash Piece and Binsted Woods). The view is representative of sequential views experienced by users of Binsted Lane and nearby properties.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)		Drawing Title FIGURE 7.9 VIEWPOINT 02 BINSTED LANE (CHURCH FARM)				
P01.1 --- First Issue		Rev. Date Description By Chkd App'd		Scale NTS		Drawn CB		Checked LW		Approved AW	
				Original Size A3		Date		Date		Date	
				Drawing Number HE551523 -WSP - GEN - A27AR- F1 -ELS - 0002		Project HE551523 -WSP - GEN - A27AR- F1 -ELS - 0002		Originator Volume		Project Ref. No. 3511134A	
				Location		Type		Role		Number P01	



A narrow enclosed view, south west along Binsted Lane. The view is bounded by outgrown hedges and mature trees either side of the road that focuses the views creating a tunnel effect. This viewpoint is representative of users of Binsted Lane.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON			Drawing Status FOR INFORMATION	Suitability S2	Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.10 VIEWPOINT 03 BINSTED LANE				
Construction			Copyright © WSP Group (2017)		Scale NTS					
Maintenance / Cleaning			Client Working on behalf of highways england		Drawn CB					
Use			Rev. Date Description By Chk'd App'd		Checked LW					
Decommissioning / Demolition			P01.1 --- First Issue --- --- ---		Approved AW					
					Authorised AW					
					Original Size A3					
					Date Date Date Date Date Date					
					Drawing Number HE551523 -WSP - GEN - A27AR- FI -ELS - 0003					
					Project Ref. No. 3511134A					
					Revision P01					
					Location Type Role Number					

BINSTED LANE



Mid to longer distance views revealed as the bridleway (Old Scotland Lane) emerges from the woodland at Pedlars Croft, the views are primarily to the south and south west. The gently rolling landform is a defining feature of this view with the focus of the view to the south framed by the rising landform to the west and south west. The view is representative of those users of the bridleway (Old Scotland Lane), those on horseback are likely to have slightly more elevated views.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL		
	Construction Maintenance / Cleaning Use Decommissioning / Demolition			Client Working on behalf of highways england		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)		Drawing Title FIGURE 7.11 VIEWPOINT 04 OLD SCOTLAND LANE		
P01.1 --- First Issue			Rev. Date Description By Chkd App'd		Scale NTS		Drawn CB		Checked LW	
Approved AW			Authorised Date		Original Size A3		Date		Date	
Drawing Number HE551523 -WSP - GEN - A27AR- FI -ELS - 0004			Project Location		Originator Volume		Project Ref. No. 3511134A		Revision P01	

BINSTED LANE

ASH PIECE



Similarly to Viewpoint 4, this view is of the rolling landform revealed to the west as it gently rises, with woodland and hedges containing views eastwards and south, associated with fringes of Binsted Park. The view is representative of the users of the footpath that links the southern end of Ash Piece (woodland) with Binsted Lane.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chk'd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of



Suitability: S2

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL

Drawing Title: FIGURE 7.12 VIEWPOINT 05 ASH PIECE FOOTPATH

Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- F1 -ELS - 0005	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01





View to the north east from St Mary's Church on Binsted Lane towards the SDNP. The view is composed of the simple rural scenes surrounding the Binsted. The quiet rural lane and managed hedges of the foreground give way to open undulating fields that occupy the mid-ground of the view, framed by nearby properties where mature gardens and outbuildings add to the settled rural nature of the view. The extensive mature woodlands of Binsted Wood form the background of the view with glimpses of the wider South Downs on the rising horizon. The view is representative of the view from St Mary's Church, users of Binsted Lane and nearby properties.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL										
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)		Drawing Title FIGURE 7.13 VIEWPOINT 06		Scale NTS		Drawn CB		Checked LW		Approved AW		Authorised
		P01.1 --- First Issue		Original Size A3		Date		Date		Date		Date		Date		Date	
		Rev. Date Description By Chk'd App'd		Drawing Number HE551523 -WSP - GEN -		Project A27AR- F1 -ELS - 0006		Location		Type Role Number		Project Ref. No. 3511134A		Revision P01			



View west and north, along the fringes of Binsted Lane and a recently installed large detached property (Binsted Manor) set on the fringes of Binsted Wood that overlooks the open field to the south. This single large field, which forms the core area associated with the designed landscape of Binsted Park is enclosed by outgrown hedges and woodland, some of which is ancient woodland, on all sides forming an enclosed parcel of land in the foreground of the view. The view is representative of the users of Binsted Lane and adjacent property.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON			Drawing Status	FOR INFORMATION	Suitability	S2	Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL					
	In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com	Drawing Title FIGURE 7.14 VIEWPOINT 07 BINSTED PARK (BINSTED LANE)							
Construction				Scale		NTS	Drawn	CB	Checked	LW	Approved	AW	Authorised
Maintenance / Cleaning				Original Size		A3	Date		Date		Date		Date
Use				Client  Working on behalf of		Drawing Number	HE551523 -WSP - GEN -		Volume	3511134A			
Decommissioning / Demolition				Project		A27AR- F1 -ELS - 0007		Revision	P01				
	P01.1	---	First Issue										
	Rev.	Date	Description	By	Chk'd	App'd							



The view is contained by trees that have formed a canopy overhead creating a sense of a tunnel through the woodland. There is little traffic using the road and it represents an accessible point along which the sense of seclusion and remoteness of Binsted Woods can be experienced. The view is representative of the views experienced by users of Binsted Lane and those associated with the nearby property (Pinewoods) to the south west.

Notes:
 REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chk'd App'd
P01.1	---	First Issue	---	---

Drawing Status	FOR INFORMATION
Suitability	S2
 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com	
Copyright © WSP Group (2017)	
Client	Working on behalf of
	

Project Title					REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title					FIGURE 7.16 VIEWPOINT 09 BINSTED WOOD (BINSTED LANE)				
Scale	Drawn	Checked	Approved	Authorised					
NTS	CB	LW	AW						
Original Size	Date	Date	Date	Date					
A3									
Drawing Number	Project	Originator	Volume	Project Ref. No.					
	HE551523 -WSP - GEN -			3511134A					
	A27AR- FI -ELS - 0009			Revision					
				P01					
Location	Type	Role	Number						



Views are contained within the immediate vicinity by dense adjacent woodland, much of which is Ancient Woodland. The canopy combines with the understorey planting to form a strong sense of enclosure, particularly during summer months. Representative of views experienced whilst walking the accessible footpaths and bridleways within Binsted Woods and associated with Tortington Common.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status	FOR INFORMATION	Suitability	S2	Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.17 VIEWPOINT 10 TORTINGTON COMMON		Scale	Drawn	Checked	Approved
		Copyright © WSP Group (2017) Client Working on behalf of 		Original Size	A3	Date	CB	LW	AW	Date
				Drawing Number	HE551523 -WSP - GEN -	Volume	Project Ref. No. 3511134A		Revision	
				Project	A27AR- FI -ELS - 0010	Location	Type	Role	Number	P01
				Rev.	Date	Description	By	Chkd	App'd	

TORTINGTON PRIORY

LITTLEHAMPTON

TORTINGTON



This view is experienced upon leaving the dense Ancient Woodland associated with Binsted Woods, this also marks the boundary of the SDNP – the expansive views experienced extend some distance to the south east towards the River Arun valley, beyond Tortington Priory. This view is representative of the views experienced by drivers and pedestrians using Tortington Lane. It is also representative of a single property on Priory Lane with some views to the south.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION

Suitability: S2Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL

WSP
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)
Client: Working on behalf of
highways england

Drawing Title: FIGURE 7.18 VIEWPOINT 11 TORTINGTON LANE

Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - ELS - 0011	Project:	Originator:	Volume:	Project Ref. No. 3511134A
Location:	Type:	Role:	Number:	Revision: P01



The view extends to the north and east, overlooking the edge of the River Arun floodplain from a slightly elevated position. In the mid distance is the planted boundary of the Tortington Priory, obscured behind mature trees on the southern boundary of the site. The mature trees and hedgerow along Tortington Lane can be seen to the left of the view, whilst Arundel Cathedral can be seen to the centre of the view, visible above the intervening tree lines. This view is typical of those experienced in fleeting views from the local road and along several footpaths that cross the more open, mainly arable landscape to the south of the Tortington Common woodland. It is also representative of a single property on Priory Lane with some views to the south.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL										
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)		Drawing Title FIGURE 7.19 VIEWPOINT 12 TORTINGTON MANOR		Scale NTS		Drawn CB		Checked LW		Approved AW		Authorised Date
		Rev. Date Description By Chk'd App'd P01.1 --- First Issue --- --- ---		Original Size A3		Date		Date		Date		Date		Date		Date	
				Drawing Number HE551523 -WSP - GEN -		Volume A27AR- F1 -ELS - 0012		Project Ref. No. 3511134A		Revision P01		Location Type Role Number					

TORTINGTON PRIORY

ARUNDEL CATHEDRAL

SOUTH DOWNS



The view north from Ford Road extends for a considerable distance, particularly to the north east. Arundel is visible in the far distance and the Tortington Priory complex and gently rising ground to the west limit broader views in this direction. The focus of the view is the open River Arun floodplain that extends eastwards, although the river itself is hidden beyond earth banks. There are distant views of the South Downs and the hill at Crossbush.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chk'd	App'd
P01.1	---	First Issue	---	---	---

Drawing Status: FOR INFORMATION



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of



Suitability: S2

Project Title: REGIONAL INVESTMENT PROGRAMME
A27 ARUNDEL

Drawing Title: FIGURE 7.20 VIEWPOINT 13 FORD ROAD				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI -ELS - 0013	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01



These transient views north from the Arun Valley railway line take in distant views of Arundel, the floodplain of the River Arun and the surrounding hills, the horizon formed by the southern fringes of the South Downs. Arundel Castle and Cathedral are the most notable and readily recognisable feature of the view. The River Arun in the foreground is hidden within the broader view by associated berms and flood defences however the flat landscape and lack of significant vegetation provides uninterrupted views north.

Notes:
 REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chk'd App'd
P01.1	---	First Issue	---	---

Drawing Status: FOR INFORMATION
 Suitability: S2

WSP
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.21 VIEWPOINT 14 ARUNDEL JUNCTION RAILWAY				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - ELS - 0014	Project:	Originator:	Volume:	Project Ref. No. 3511134A
Location:	Type:	Role:	Number:	Revision: P01

TORTINGTON

RAILWAY LINE

ARUN VALLEY FLOOD PLAIN

ARUNDEL



The view from the fringes of Littlehampton extend to the west and north – the distant hills of the South Downs forming the horizon. At the foot of the hills can be seen the fringes of Arundel, including the Cathedral and Castle with their distinctive profiles. Below this can be seen intermittent views of the River Arun floodplain, obscured by hedgerows and trees the linear pattern is a noticeable feature and in winter would be more readily observed. This view represents a number of views along the northern edge of Littlehampton from residential development.

Notes:
 REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON					
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).					
Construction					
Maintenance / Cleaning					
Use					
Decommissioning / Demolition					
Rev.	Date	Description	By	Chk'd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION
 Suitability: S2

WSP
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.22 VIEWPOINT 15 BENJAMIN GRAY DRIVE, LITTLEHAMPTON				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI -ELS - 0015	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01

TORTINGTON PRIORY

ARUN VALLEY RAILWAY

ARUNDEL CATHEDRAL

ARUNDEL CASTLE

CROSSBUSH JUNCTION



Located within the gently rising landform of the Arun floodplain, the viewpoint captures the north westerly view of Arundel, the Cathedral and the Castle forming the most notable features within the view. The railway line forms the most immediate feature within the view, the low embankment forming an interim horizon, screening broader views of the River Arun beyond. The view is representative of the users of the footpath, and residential receptors.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.

REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status
FOR INFORMATION

Suitability
S2

Project Title
**REGIONAL INVESTMENT PROGRAMME
A27 ARUNDEL**



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client
Working on behalf of



Drawing Title
**FIGURE 7.23
VIEWPOINT 16
LYMINSTER FOOTPATH**

Scale	Drawn	Checked	Approved	Authorised
NTS	CB	LW	AW	

Original Size	Date	Date	Date	Date
A3				

Drawing Number
Project
**HE551523 -WSP - GEN -
A27AR- F1 -ELS - 0016**

Volume	Project Ref. No.
	3511134A
Revision	
P01	



The views experienced from the railway line form a set of sequential viewpoints that unfold as the train moves north east, approaching Arundel to the east of the town. The flat landscape that forms the River Arun floodplain is in marked contrast to the rising landform to the west, at the foot of which runs Ford Lane, approaching Arundel from the south.

Notes:
 REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON					
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).					
Construction					
Maintenance / Cleaning					
Use					
Decommissioning / Demolition					
Rev.	Date	Description	By	Chk'd	App'd
P01.1	---	First Issue	---	---	---

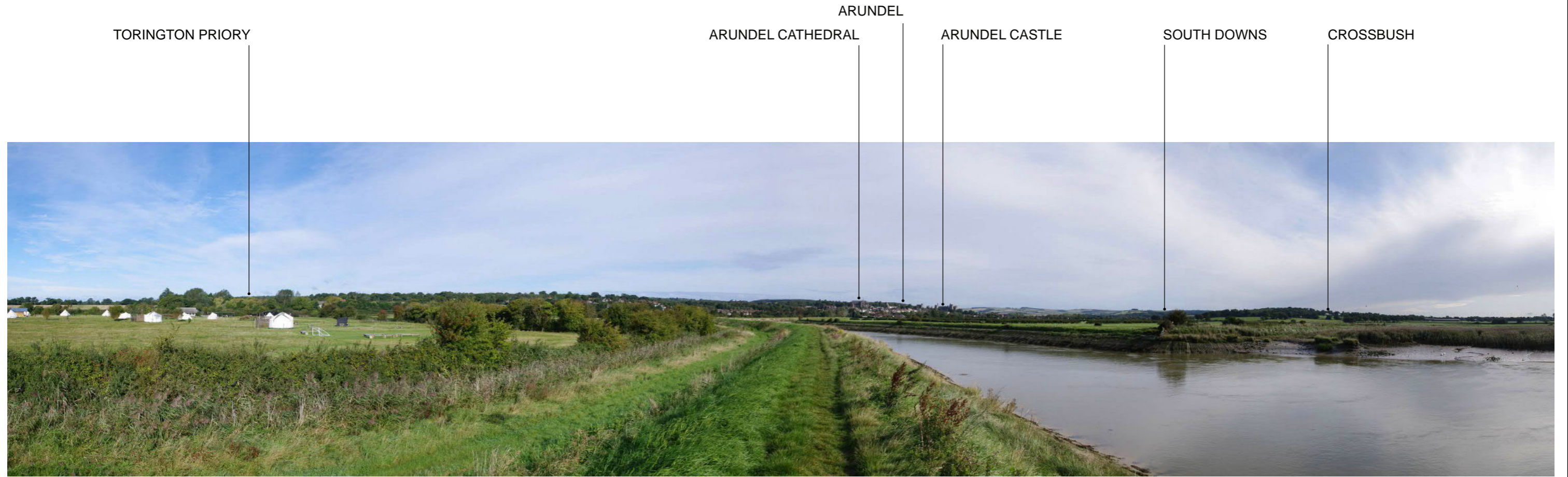
Drawing Status: FOR INFORMATION
 Suitability: S2

WSP
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com



Copyright © WSP Group (2017)

Client: Working on behalf of
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.24 VIEWPOINT 17 ARUN VALLEY RAILWAY				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI -ELS - 0017	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01



The views from the banks of the River Arun, the view north along the river focuses all views towards the distinctive profiles of the Cathedral and the Castle. Beyond the town the wooded slopes rise sharply, giving way to the distant hills that form the South Downs National Park This view is representative of a series of views experienced by users of the right of way that runs parallel with the River Arun.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.25 VIEWPOINT 18 RIVER ARUN SOUTH				
		P01.1 --- First Issue		Copyright © WSP Group (2017)		Scale NTS		Drawn CB	Checked LW	Approved AW	Authorised
		Rev. Date Description By Chkd App'd		Original Size A3		Date	Date	Date	Date	Date	Date
				Drawing Number HE551523 -WSP - GEN - A27AR- FI -ELS - 0018		Project HE551523 -WSP - GEN - A27AR- FI -ELS - 0018		Originator GEN		Volume 0018	
				Project Ref. No. 3511134A		Location HE551523 -WSP - GEN - A27AR- FI -ELS - 0018		Revision P01		Project Ref. No. 3511134A	



ARUNDEL CATHEDRAL

ARUNDEL CASTLE

SOUTH DOWNS

EXISTING A27

CROSSBUSH JUNCTION

The view extends to the north and east, including the southern fringes of Arundel, and the adjacent meadows that form the immediate context to the town. The River Arun remains the most dominant feature within the view, whilst the Cathedral interrupts the horizon. The broader views of the South Downs are largely screened by the intervening horizon formed by the rooflines of Arundel, the Castle and intervening trees. The view is representative of those experienced by users of the local network of footpaths.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.

REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION

Suitability: S2
 Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL

WSP
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com

Copyright © WSP Group (2017)
 Client: Working on behalf of
highways england

Drawing Title: FIGURE 7.26 VIEWPOINT 19 RIVER ARUN NORTH

Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI -ELS - 0019	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01



The view from the southern fringes of Arundel and overlooking the nearby floodplain. This viewpoint extends south east and extends to the opposite side of the valley, affording extensive views of the landscape and is representative of the local suburban roads and associated residential properties.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
P01.1	---	First Issue	---	---
Rev.	Date	Description	By	Chk'd App'd

Drawing Status: **FOR INFORMATION**

Suitability: **S2**



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of **highways england**

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.27 VIEWPOINT 20 MAXWELL ROAD, ARUNDEL				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- F1 -ELS - 0020	Project:	Originator:	Volume:	Project Ref. No. 3511134A
Location:	Type:	Role:	Number:	Revision: P01

PARK FARM

ARUN VALLEY FLOODPLAINS

LITTLEHAMPTON

EXISTING A27

BINSTED WOODS



Overlooking the A27 from the southern slopes of Rewell Hill, this viewpoint has extensive and far reaching views from within the SDNP. Views of the A27 lie in the middle distance, having a backdrop of the extensive combined woodlands of Paine's Wood, Binsted Wood and Tortington Common and beyond the treed landscape associated with Binsted. This view is representative of those experienced by the users of the public rights of way network to the west of Arundel.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.

REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chk'd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION

Suitability: S2

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL

Drawing Title: FIGURE 7.28 VIEWPOINT 21 LONG LANE

Scale: NTS

Drawn: CB

Checked: LW

Approved: AW

Authorised:

Original Size: A3

Date:

Drawing Number: HE551523 -WSP - GEN - A27AR- F1 -ELS - 0021

Project Ref. No. 3511134A

Revision: P01

WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of

highways england



A view typical of those experienced from within the narrow and steeply sloping streets of Arundel, within the conservation area. The restricted but far reaching views extend across the River Arun floodplain, and would vary slightly depending upon the angle of the view. This view is representative of views experienced from the streets and local roads within the main settlement of Arundel.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
 REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log). Construction Maintenance / Cleaning Use Decommissioning / Demolition		Drawing Status	FOR INFORMATION	Suitability	S2	Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL					
			 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com	Drawing Title FIGURE 7.29 VIEWPOINT 22 KING STREET, ARUNDEL								
				Scale	NTS	Drawn	CB	Checked	LW	Approved	AW	Authorised
			Client	Working on behalf of 			Original Size	A3	Date		Date	
			Rev.	Date	Description	By	Chkd	App'd	Drawing Number	HE551523 -WSP - GEN - A27AR- F1 -ELS - 0022		Project Ref. No. 3511134A Revision P01

LITTLEHAMPTON

EXISTING A27

FORD

RIVER ARUN

TORTINGTON PRIORY



This view reflects the historic views afforded to the Castle as a defendable location on the river. From this point it can be readily appreciated the wooded nature of the adjacent valley slopes that are in marked contrast to the valley floor, largely devoid of significant vegetation. The existing A27, partially screened by adjacent vegetation is visible in the foreground.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.

REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

**SAFETY, HEALTH AND ENVIRONMENTAL
INFORMATON**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chk'd	App'd
P01.1		First Issue			

Drawing Status
FOR INFORMATION

Suitability
S2



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client
Working on behalf of



Project Title
**REGIONAL INVESTMENT PROGRAMME
A27 ARUNDEL**

Drawing Title
**FIGURE 7.30
VIEWPOINT 23
ARUNDEL CASTLE**

Scale	Drawn	Checked	Approved	Authorised
NTS	CB	LW	AW	

Original Size	Date	Date	Date	Date
A3				

Drawing Number	Originator	Volume	Project Ref. No.
HE551523 -WSP - GEN -			3511134A
A27AR- F1 -ELS - 0023			Revision
			P01

Location	Type	Role	Number
----------	------	------	--------

ARUNDEL RAILWAY STATION

EXISTING JUNCTION ON THE A27



View from the banks of the River Arun, views to the south look across the small riverside pasture towards the existing A27 as it crosses the river and rises to the east. The traffic on the A27 is clearly visible in summer and would be more obvious in the winter and in the absence of foliage. This view is representative of views experienced by users of the local footpath network.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			Drawing Status FOR INFORMATION	Suitability S2	Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	Construction Maintenance / Cleaning Use Decommissioning / Demolition	P01.1 --- First Issue --- --- --- Rev. Date Description By Chk'd App'd	Client Working on behalf of 	WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)	Drawing Title FIGURE 7.31 VIEWPOINT 24 MONARCH'S WAY					
				Scale NTS	Drawn CB	Checked LW	Approved AW	Authorised Date	Drawing Number HE551523 -WSP - GEN - A27AR- FI -ELS - 0024	Project Ref. No. 3511134A
				Original Size A3	Date	Date	Date	Date	Revision P01	Location Type Role Number

EXISTING A27 AT CROSSBUSH JUNCTION

BROOMHURST FARM

ARUN VALLEY RAILWAY

RIVER ARUN



Located at the transition between the River Arun floodplain and the treed landscape of the valley slopes at the edge of the valley south east of Arundel Station. This view is representative of those experienced whilst walking the local network of footpaths.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chkd App'd
P01.1		First Issue		

Drawing Status: FOR INFORMATION
Suitability: S2

WSP
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)



Client: Working on behalf of
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.32 VIEWPOINT 25 PRIORY FARM				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- FI -ELS - 0025	Project:	Originator:	Volume:	Project Ref. No. 3511134A
Location:	Type:	Role:	Number:	Revision: P01

BATWORTH PARK PLANTATION



The view from an elevated position within the SDNP, this viewpoint focuses south west, and as the landform slopes to the south there are views towards Crossbush. Towards the centre of the view and shrouding the low hill is Batworthpark Plantation, which combines with the treed landscape to limit broader views. This view is typical of the lower hill slopes associated with the SDNP as the fall to the south.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL								
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.33 VIEWPOINT 26 WARNINGCAMP HILL								
P01.1 --- First Issue		Rev. Date Description By Chkd App'd		Copyright © WSP Group (2017)		Scale NTS		Drawn CB		Checked LW		Approved AW		Authorised	
				Drawing Number HE551523 -WSP - GEN - A27AR- F1 -ELS - 0026		Original Size A3		Date		Date		Date		Project Ref. No. 3511134A	
				Working on behalf of 		Location Type Role Number		Revision P01							

LITTLEHAMPTON

ARUN VALLEY
FLOODPLAIN

ARUN VALLEY
RAILWAY

ARUNDEL
CASTLE

SOUTH DOWNS

EXISTING A27



A distant view from Highdown Hill to the east of Angmering, with views to the west in the direction of Arundel. A combination of distance and the effect of the intervening landform and trees within the broader landscape results in little awareness of the River Arun floodplain and of Arundel itself. This view is representative of those experienced by visitors to this local landmark.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.

REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

**SAFETY, HEALTH AND ENVIRONMENTAL
INFORMATON**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	

Rev.	Date	Description	By	Chk'd	App'd
P01.1		First Issue			

Drawing Status
FOR INFORMATION



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client
Working on behalf of


Suitability
S2

Project Title
**REGIONAL INVESTMENT PROGRAMME
A27 ARUNDEL**

Drawing Title FIGURE 7.34 VIEWPOINT 27 HIGHDOWN HILL				
Scale NTS	Drawn CB	Checked LW	Approved AW	Authorised
Original Size A3	Date	Date	Date	Date
Drawing Number HE551523 -WSP - GEN - A27AR- F1 -ELS - 0027	Originator	Volume	Project Ref. No. 3511134A	
Location	Type	Role	Number	Revision P01

NORFOLK CLUMP

RIVER ARUN FLOODPLAIN


TORTINGTON
PRIORY

ARUNDEL
CASTLE

BURPHAM





The view from high ground within the SDNP, the view from edge of the steep slopes associated with Perry Hill. The view is constrained by the adjacent hill slopes with the focus of the view towards Arundel to the south. The Castle and Cathedral are readily perceptible. This view is representative of those experienced by the users of the extensive network of public rights of ways on the mid and lower slopes of the SDNP.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com Copyright © WSP Group (2017)		Drawing Title FIGURE 7.35 VIEWPOINT 28 WEPHAM DOWN				
Rev. Date Description By Chk'd App'd		P01.1 --- First Issue --- --- ---		Scale NTS		Drawn CB		Checked LW		Approved AW	
				Original Size A3		Date		Date		Date	
				Drawing Number HE551523 -WSP - GEN - A27AR- FI - ELS - 0028		Project Location		Originator Volume		Project Ref. No. 3511134A Revision P01	



The view from Springhead Hill on the South Downs Way within the SDNP affords extensive views to the south, extending as far as the south coast with the hill slopes descending sharply into wooded cloughs and copses, gradually giving way to the woodland and plantations associated with the River Arun and surrounding farmland. The main feature within the view is Arundel Castle – its distinctive profile forming an easily recognisable feature within the landscape. This view is representative of views experienced by users of the extensive public rights of way network, the views representing a good opportunity to experience the relationship between the South Downs and the coastline.

Notes: REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS. REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).		Drawing Status FOR INFORMATION		Suitability S2		Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL										
	Construction Maintenance / Cleaning Use Decommissioning / Demolition		Client Working on behalf of 		 WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com		Drawing Title FIGURE 7.36 VIEWPOINT 29 SPRINGHEAD HILL		Scale NTS		Drawn CB		Checked LW		Approved AW		Authorised AW
		P01.1 --- First Issue		Original Size A3		Date		Date		Date		Date		Date		Date	
		Rev. Date Description By Chk'd App'd		Drawing Number HE551523 -WSP - GEN -		Project A27AR- FI -ELS - 0029		Location Type Role Number		Volume 3511134A		Project Ref. No. 3511134A		Revision P01			

LITTLEHAMPTON

RIVER ARUN

ARUNDEL



The view from one of the most elevated positions on the southern hills of the SDNP along the South Downs Way, extensive and panoramic views are afforded towards the south coast. From this viewpoint Arundel can be seen towards the centre of the view, the Castle marking the transition in the hill slopes. This view is representative of views experienced by users of the extensive public rights of way network.

Notes:

REFER TO FIGURE 7.6 AND 7.7 FOR VIEWPOINT LOCATIONS.
REFER TO APPENDIX 7.2 FOR DESCRIPTION OF VISUAL EFFECTS.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATON					
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).					
Construction					
Maintenance / Cleaning					
Use					
Decommissioning / Demolition					
Rev.	Date	Description	By	Chkd	App'd
P01.1		First Issue			

Drawing Status: FOR INFORMATION

Suitability: S2



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

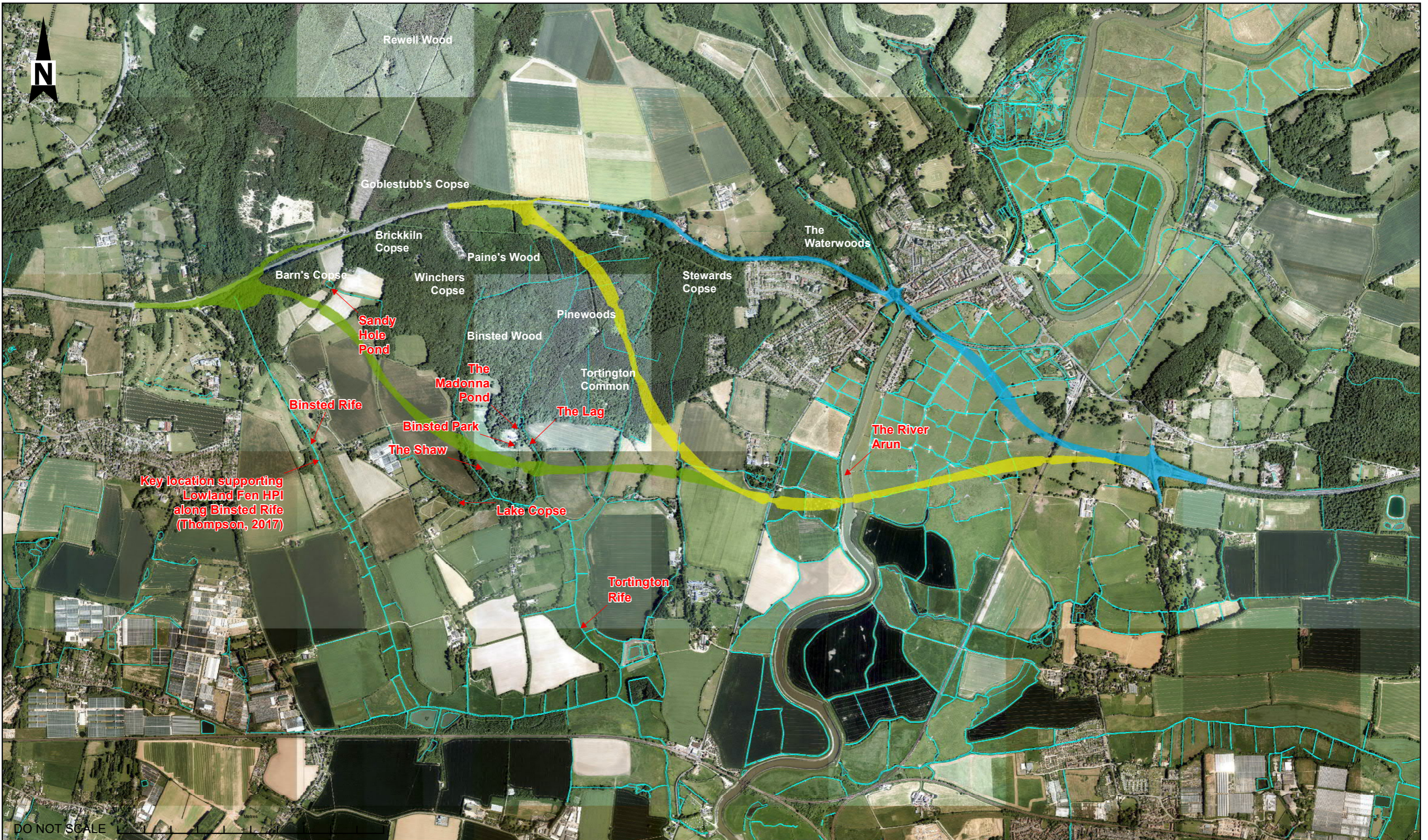
Copyright © WSP Group (2017)

Client: Working on behalf of



Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 7.37 VIEWPOINT 30 AMBERLEY MOUNT				
Scale: NTS	Drawn: CB	Checked: LW	Approved: AW	Authorised:
Original Size: A3	Date:	Date:	Date:	Date:
Drawing Number: HE551523 -WSP - GEN - A27AR- F1 -ELS - 0030	Originator:	Volume:	Project Ref. No. 3511134A	
Location:	Type:	Role:	Number:	Revision: P01

APPENDIX A-3
NATURE CONSERVATION



KEY:
— OPTION 1
— OPTION 3
— OPTION 5A
— WATERCOURSES

DO NOT SCALE

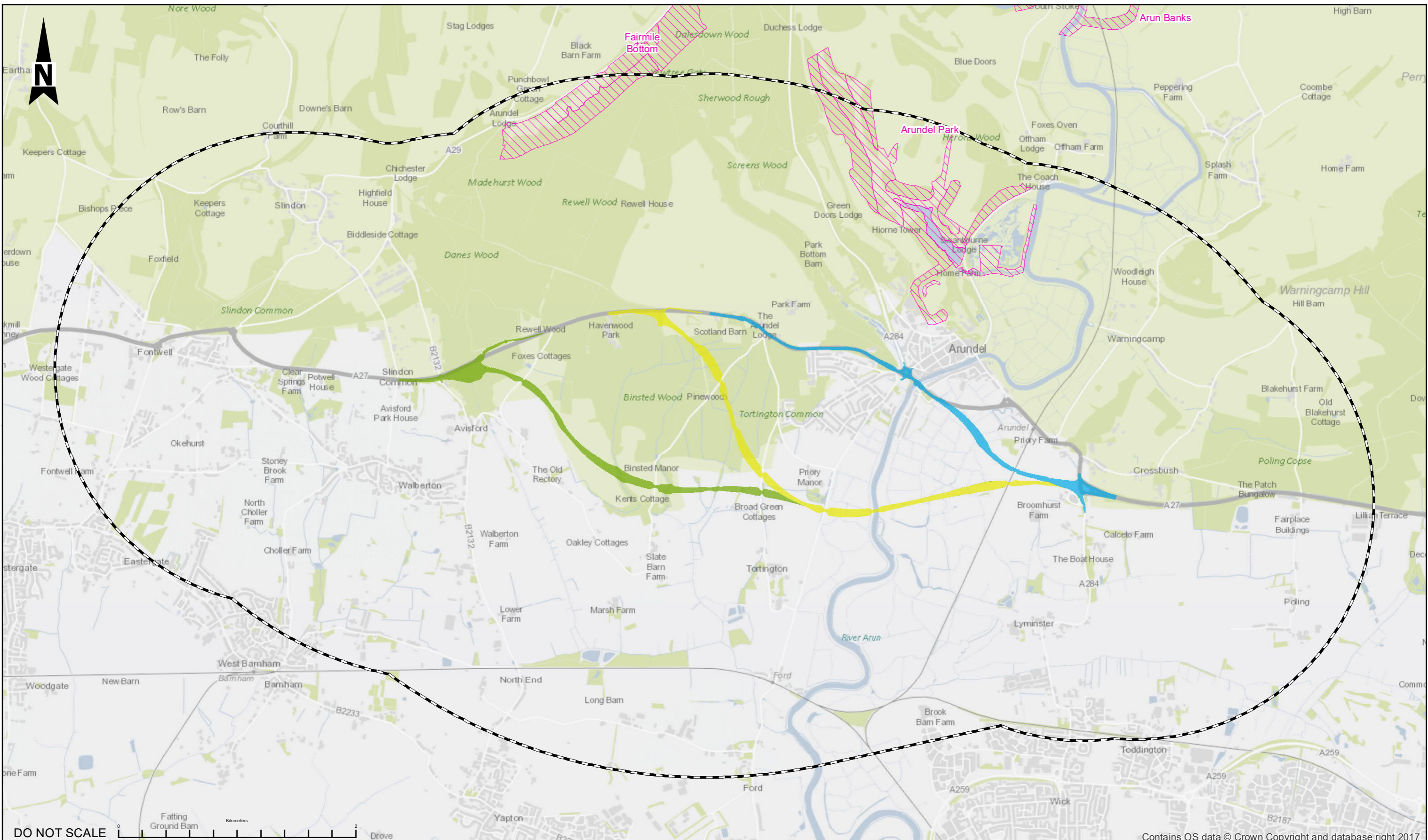
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chkd App'd
P01.1	---	First Issue	---	---

Drawing Status	WORK IN PROGRESS
Suitability	S0
Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL
Drawing Title	FIGURE 8.1 ECOLOGY PLACE NAMES
Scale	1:20,000
Original Size	A3
Drawn	BS
Checked	CB
Approved	RB
Date	30/11/17
Project Ref. No.	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0801
Volume	3514447G
Revision	-
Location	Type Role Number

WSP
 WSP House
 70 Chancery Lane
 London WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com
 Copyright © WSP Group (2017)

Working on behalf of
highways england

Scale	1:20,000	Drawn	BS	Checked	CB	Approved	RB	Authorised	RB
Original Size	A3	Date	30/11/17	Date	---	Date	---	Date	---
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0801	Originator	RB	Volume	3514447G	Project Ref. No.	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0801	Revision	-
Location	Type Role Number								



KEY:

- OPTION 1
- OPTION 3
- OPTION 5A
- 2 KM STUDY AREA
- SITE OF SPECIAL SCIENTIFIC INTEREST

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
P01.1	--	First Issue	--	--
Rev.	Date	Description	By	Chkd App'd

Drawing Status	WORK IN PROGRESS
Suitability	S0
Project Title	
REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL	
Drawing Title	
FIGURE 8.2 STATUTORY DESIGNATED SITES	
Scale	1:30,000
Drawn	CD
Checked	JL
Approved	RB
Authorised	RB
Original Size	A3
Date	30/11/17
Date	--
Date	--
Date	--
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0802
Project	Originator Volume Project Ref. No. 3514447G
Location	Type Role Number

WSP

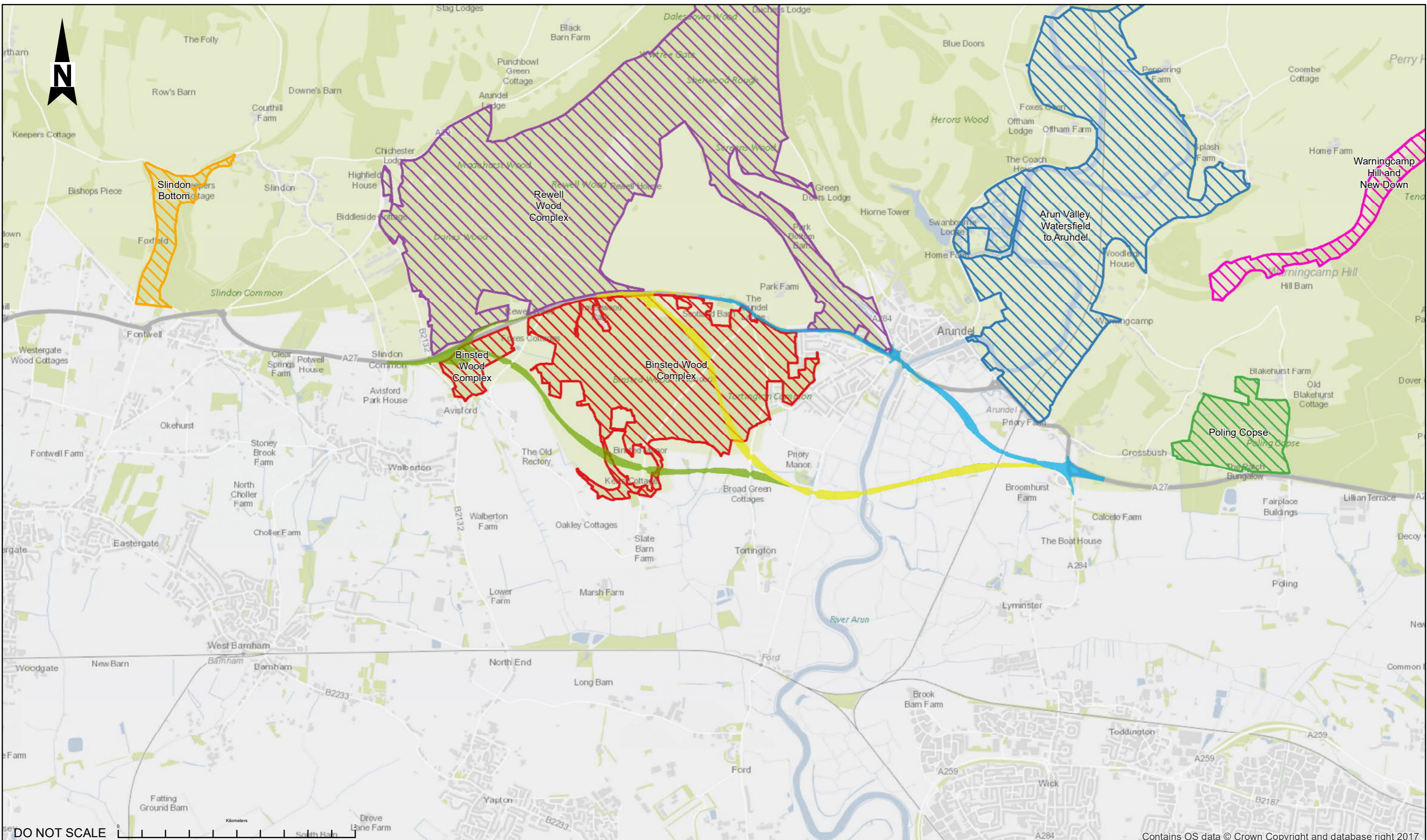
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Working on behalf of

**highways
england**

REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL					
FIGURE 8.2 STATUTORY DESIGNATED SITES					
Scale	1:30,000	Drawn	CD	Checked	JL
Original Size	A3	Date	30/11/17	Date	--
Date	--	Date	--	Date	--
Date	--	Date	--	Date	--
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0802				
Project	Originator Volume Project Ref. No. 3514447G	Authorised	RB	Revision	A
Location	Type Role Number	Date	--	Date	--



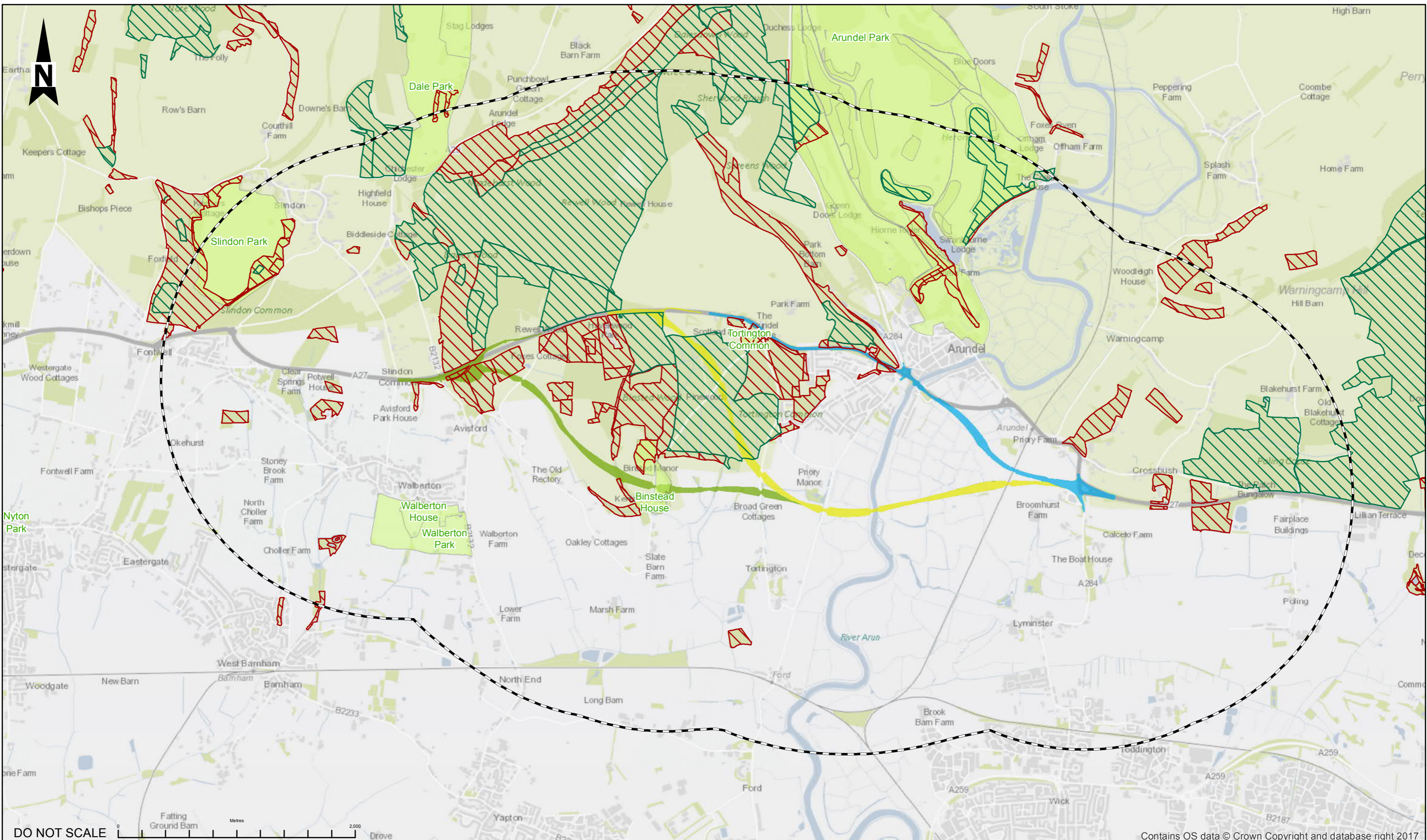
KEY:

- OPTION 1
- OPTION 3
- OPTION 5A
- ARUN VALLEY, WATERSFIELD TO ARUNDEL
- BINSTED WOOD COMPLEX
- POLING COPSE
- REWELL WOOD COMPLEX
- SLINDON BOTTOM
- WARNINGCAMP HILL AND NEW DOWN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
Rev.	Date	Description	By Chkd App'd
P01.1	---	First Issue	---

Drawing Status	WORK IN PROGRESS	Suitability	S0
 <small>WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com</small>			
Copyright © WSP Group (2017) Client: Working on behalf of 			

Project Title REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title FIGURE 8.3 NON STATUTORY DESIGNATED SITES				
Scale	Drawn	Checked	Approved	Authorised
1:30,000	CB	RB	RB	RB
Original Size	Date	Date	Date	Date
A3	20/12/17	---	---	---
Drawing Number	Originator	Volume	Project Ref. No.	
HE551523 - WSP - GEN - A27AR- F1 - GIS - 0803	---	---	3514447G	
Location	Type	Role	Number	
---	---	---	---	

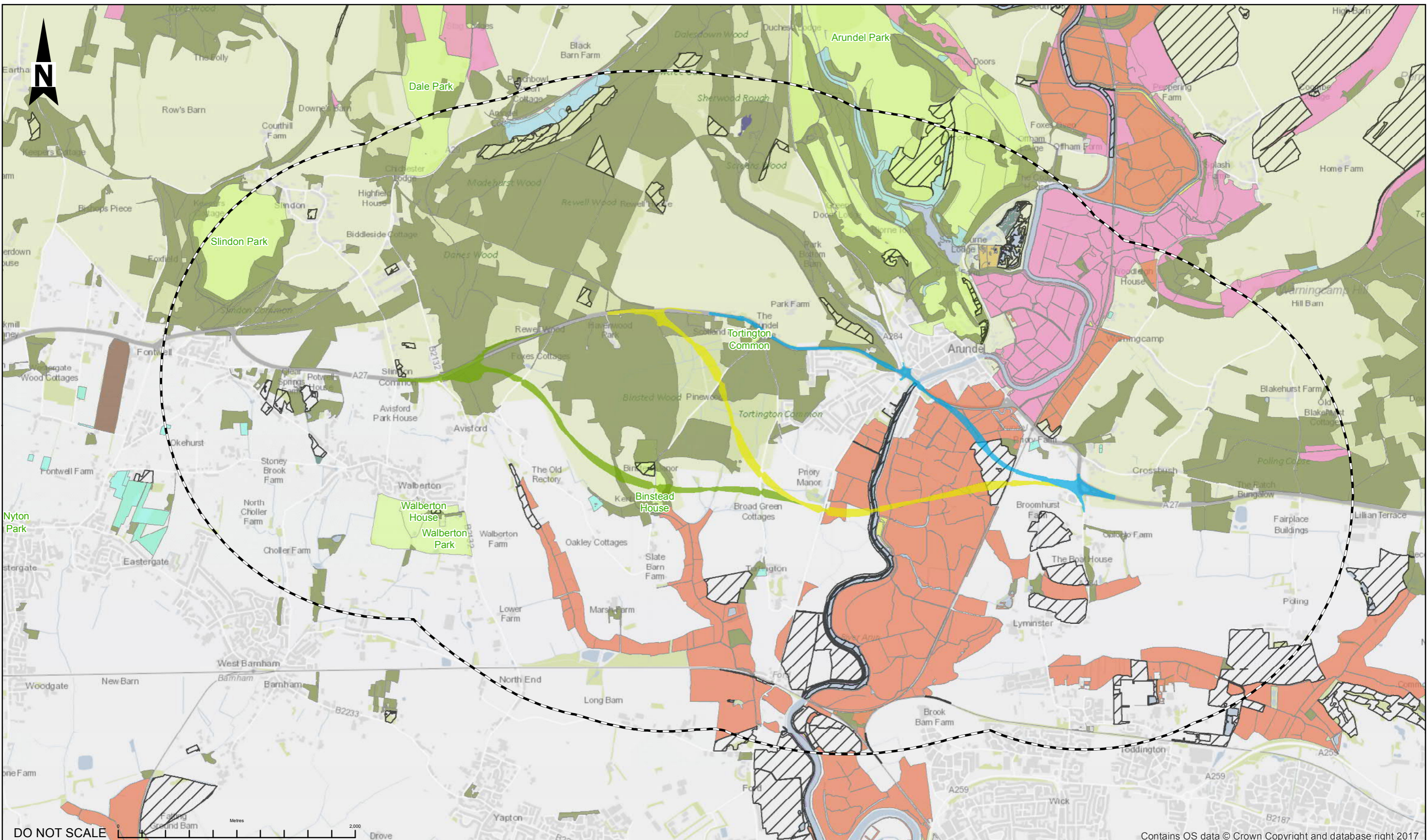


DO NOT SCALE

Contains OS data © Crown Copyright and database right 2017

KEY: OPTION 1 OPTION 3 OPTION 5A 2 KM STUDY AREA ANCIENT SEMI-NATURAL WOODLAND PLANTATION ON AN ANCIENT WOODLAND SITE WOOD PASTURE AND PARKLAND	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log). Construction Maintenance / Cleaning Use Decommissioning / Demolition		Drawing Status: WORK IN PROGRESS Suitability: S0 Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL
	 Copyright © WSP Group (2017)		Drawing Title: FIGURE 8.4 NATURAL ENGLAND ANCIENT WOODLAND INVENTORY Scale: 1:30,000 Original Size: A3 Date: 30/11/17 Drawing Number: HE551523 -WSP - GEN - A27AR- F1 - GIS - 0804 Project Ref. No: 3514447G Revision: A

Path: \\uk.wspgroup.com\central\data\Projects\700196xx\70019688 - A27 Arundel\E Models and Drawings\GIS\Mxd\Stage 2\EAR\20171117_3511134A_P TG_Arundel_8.4_Natural_England_AWL_RevA.mxd Polled by: Caroline Broughton Date: Nov 30, 2017 - 11:57AM



KEY:

- OPTION 1
- OPTION 3
- OPTION 5A
- 2 KM STUDY AREA

PRIORITY HABITATS INVENTORY

- COASTAL AND FLOODPLAIN GRAZING MARSH
- COASTAL SALTMARSH
- DECIDUOUS WOODLAND
- GOOD QUALITY SEMI-IMPROVED GRASSLAND
- LOWLAND CALCAREOUS GRASSLAND
- LOWLAND FENS
- LOWLAND HEATHLAND
- LOWLAND MEADOWS
- MUDFLATS
- REEDBEDS
- TRADITIONAL ORCHARD
- NO MAIN HABITAT BUT ADDITIONAL HABITATS
- WOOD PASTURE AND PARKLAND

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
Rev.	Date	Description	By Chkd App'd
P01.1	---	First Issue	---

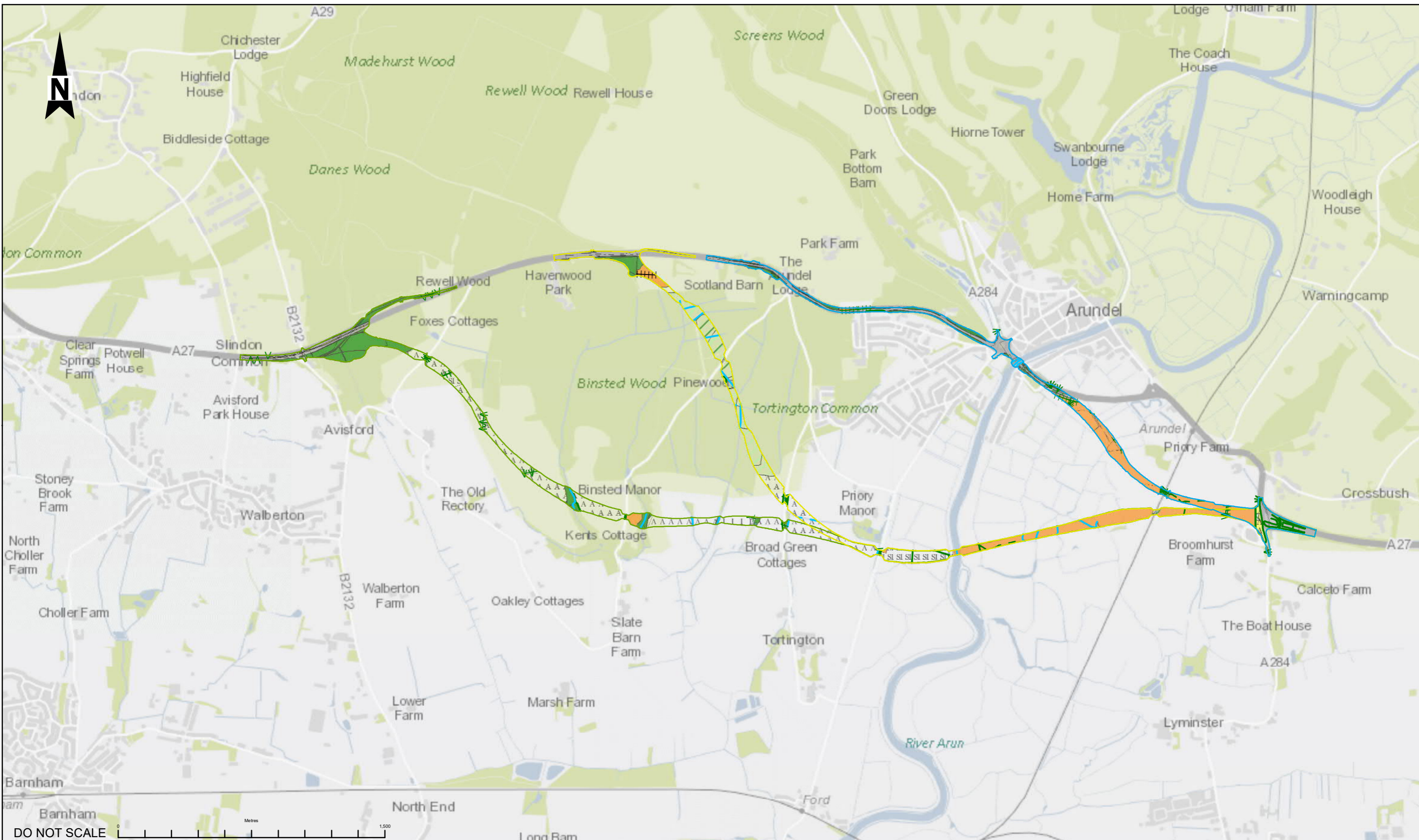
Drawing Status	WORK IN PROGRESS
Suitability	S0
Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL
Client	Working on behalf of highways england
Project Ref. No.	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0805
Volume	3514447G
Revision	-
Location	Type Role Number

WSP

WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Scale	1:30,000	Drawn	BS	Checked	CD	Approved	RB	Authorised	RB
Original Size	A3	Date	30/11/17	Date	---	Date	---	Date	---
Drawing Number	HE551523 -WSP - GEN - A27AR- F1 - GIS - 0805			Project Ref. No.	3514447G			Revision	-

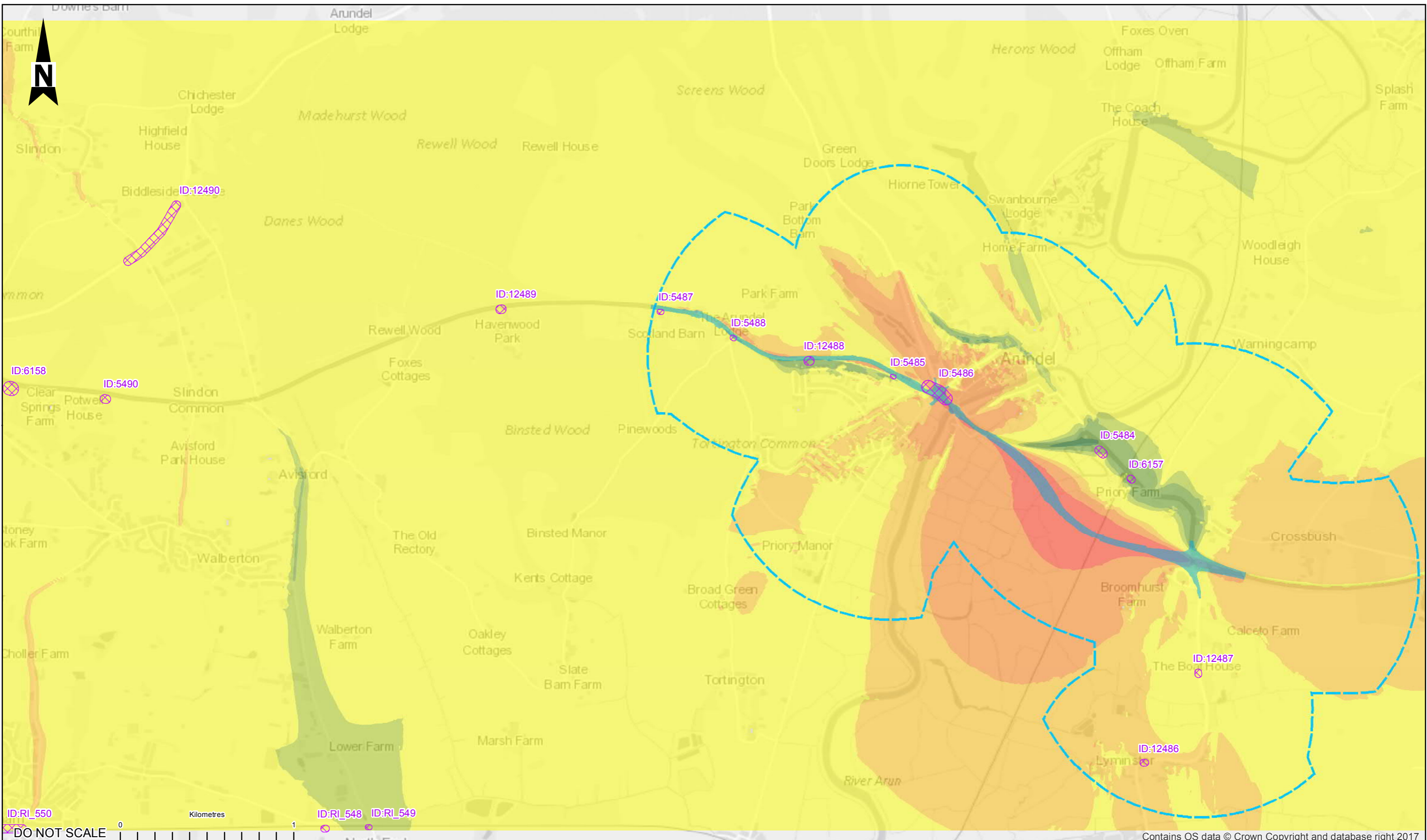


KEY:	
	OPTION 1
	OPTION 3
	OPTION 5A
	DEFUNCT HEDGE - SPECIES-POOR
	DRY DITCH
	FENCE
	HEDGE WITH TREES - NATIVE SPECIES-RICH
	HEDGE WITH TREES - SPECIES-POOR
	INTACT HEDGE - NATIVE SPECIES-RICH
	INTACT HEDGE - SPECIES-POOR
	RUNNING WATER
	RUNNING WATER - BRACKISH
	CULTIVATED/DISTURBED LAND - ARABLE
	BUILDING
	CONIFEROUS WOODLAND - PLANTATION
	BARE GROUND
	BROADLEAVED WOODLAND - PLANTATION
	SWAMP
	MIXED WOODLAND - PLANTATION
	POOR SEMI-IMPROVED GRASSLAND B6
	SALT MARSH - SCATTERED PLANTS
	STANDING WATER
	NEUTRAL GRASSLAND - SEMI-IMPROVED
	BROADLEAVED WOODLAND - SEMI-NATURAL
	IMPROVED GRASSLAND
	HARDSTANDING
	CULTIVATED/DISTURBED LAND - AMENITY GRASSLAND
	POOR SEMI-IMPROVED GRASSLAND
	SCRUB - DENSE/CONTINUOUS
	NEUTRAL GRASSLAND - UNIMPROVED

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Clearing				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chkd App'd
P01.1	---	First Issue	---	---

Drawing Status	WORK IN PROGRESS	Suitability	S0	Project Title	REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
		WSP House 70 Chancery Lane London WC2A 1AF Tel: +44 (0)20 7314 5000 www.wspgroup.co.uk www.pbworld.com			FIGURE 8.6 PHASE 1 HABITAT SURVEY				
Scale	1:20,000	Drawn	CD	Checked	JL	Approved	RB	Authorised	RB
Original Size	A3	Date	20/11/17	Date	---	Date	---	Date	---
Drawing Number	HE551523 -WSP - GEN -		Originator	Volume		Project Ref. No.		3514447G	
Project	A27AR- F1 - GIS - 0027		Revision	A		Revision		A	
Location	Type	Role	Number						

APPENDIX A-4
NOISE AND VIBRATION



Contains OS data © Crown Copyright and database right 2017

KEY:

- OPTION 1
- OPTION 1 STUDY AREA
- NOISE IMPORTANT AREA

MAGNITUDE OF IMPACT

- MAJOR BENEFICIAL
- MODERATE BENEFICIAL
- MINOR BENEFICIAL
- NEGLIGIBLE
- MINOR ADVERSE
- MODERATE ADVERSE
- MAJOR ADVERSE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	
Maintenance / Cleaning	
Use	
Decommissioning / Demolition	
Rev.	Date
Description	By Chkd App'd

Drawing Status: **WORK IN PROGRESS**

Suitability: **S0**

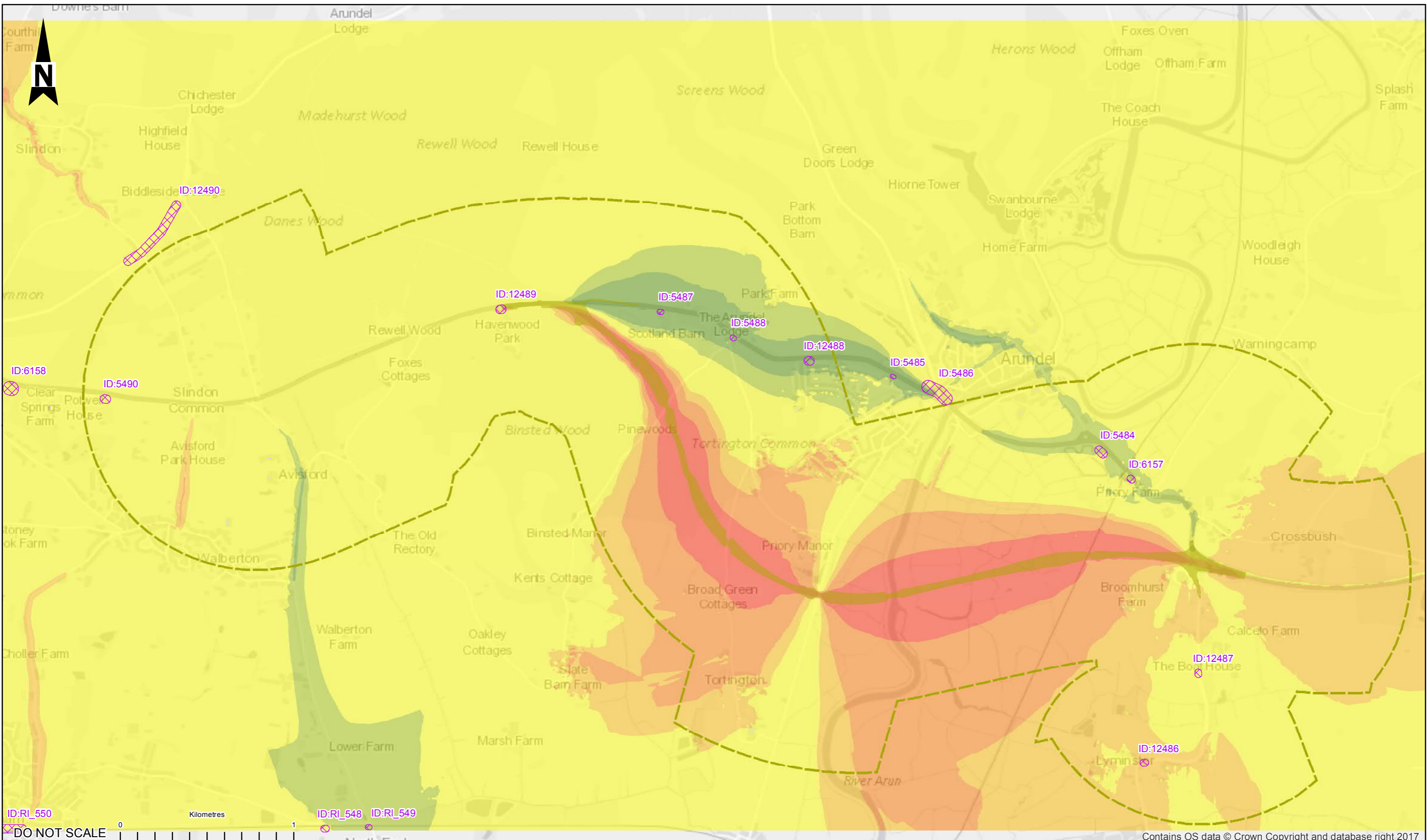
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2018)

Client: **Working on behalf of**

highways
england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL					
Drawing Title: FIGURE 11.12 OPTION 1 LONG TERM MITIGATED DMRB NOISE CONTOURS					
Scale: 1:20,500	Drawn: CB	Checked: EO	Approved: EO	Authorised: EO	
Original Size: A3	Date: 21/03/18	Date: ---	Date: ---	Date: ---	
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 1112		Project Ref. No.: 3511134A		Revision: A	
Location:	Type:	Role:			



Contains OS data © Crown Copyright and database right 2017

KEY:		MAGNITUDE OF IMPACT	
	OPTION 3		MAJOR BENEFICIAL
	OPTION 3 STUDY AREA		MODERATE BENEFICIAL
	NOISE IMPORTANT AREA		MINOR BENEFICIAL
			NEGLIGIBLE
			MINOR ADVERSE
			MODERATE ADVERSE
			MAJOR ADVERSE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chkd App'd
P01.1	---	First Issue	---	---

Drawing Status: **WORK IN PROGRESS**

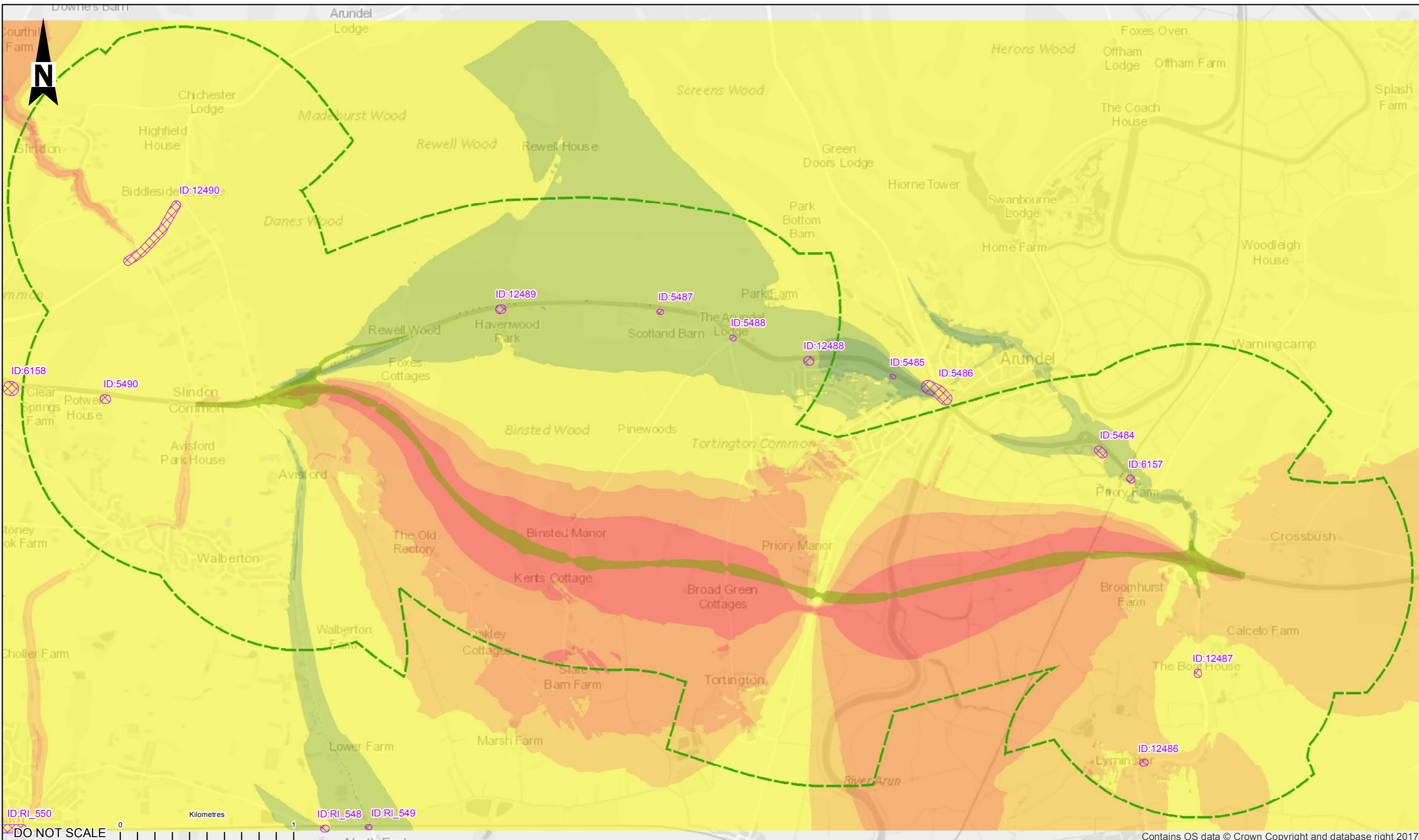
Suitability: **S0**

wsp WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2018)

Client: **Working on behalf of**
highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 11.13 OPTION 3 LONG TERM MITIGATED DMRB NOISE CONTOURS				
Scale: 1:20,500	Drawn: CB	Checked: EO	Approved: EO	Authorised: EO
Original Size: A3	Date: 21/03/18	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 -WSP - GEN - A27AR- FI - GIS - 1113	Originator: Volume	Project Ref. No: 3511134A		Revision: A
Location:	Type:	Role:	Number:	



Contains OS data © Crown Copyright and database right 2017

KEY:		MAGNITUDE OF IMPACT	
	OPTION 5A		MAJOR BENEFICIAL
	OPTION 5A STUDY AREA		MODERATE BENEFICIAL
	NOISE IMPORTANT AREA		MINOR BENEFICIAL
			NEGLIGIBLE
			MINOR ADVERSE
			MODERATE ADVERSE
			MAJOR ADVERSE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).				
Construction				
Maintenance / Cleaning				
Use				
Decommissioning / Demolition				
Rev.	Date	Description	By	Chk'd App'd
P01.1	---	First Issue	---	---

Drawing Status: **WORK IN PROGRESS**

Suitability: **S0**



WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

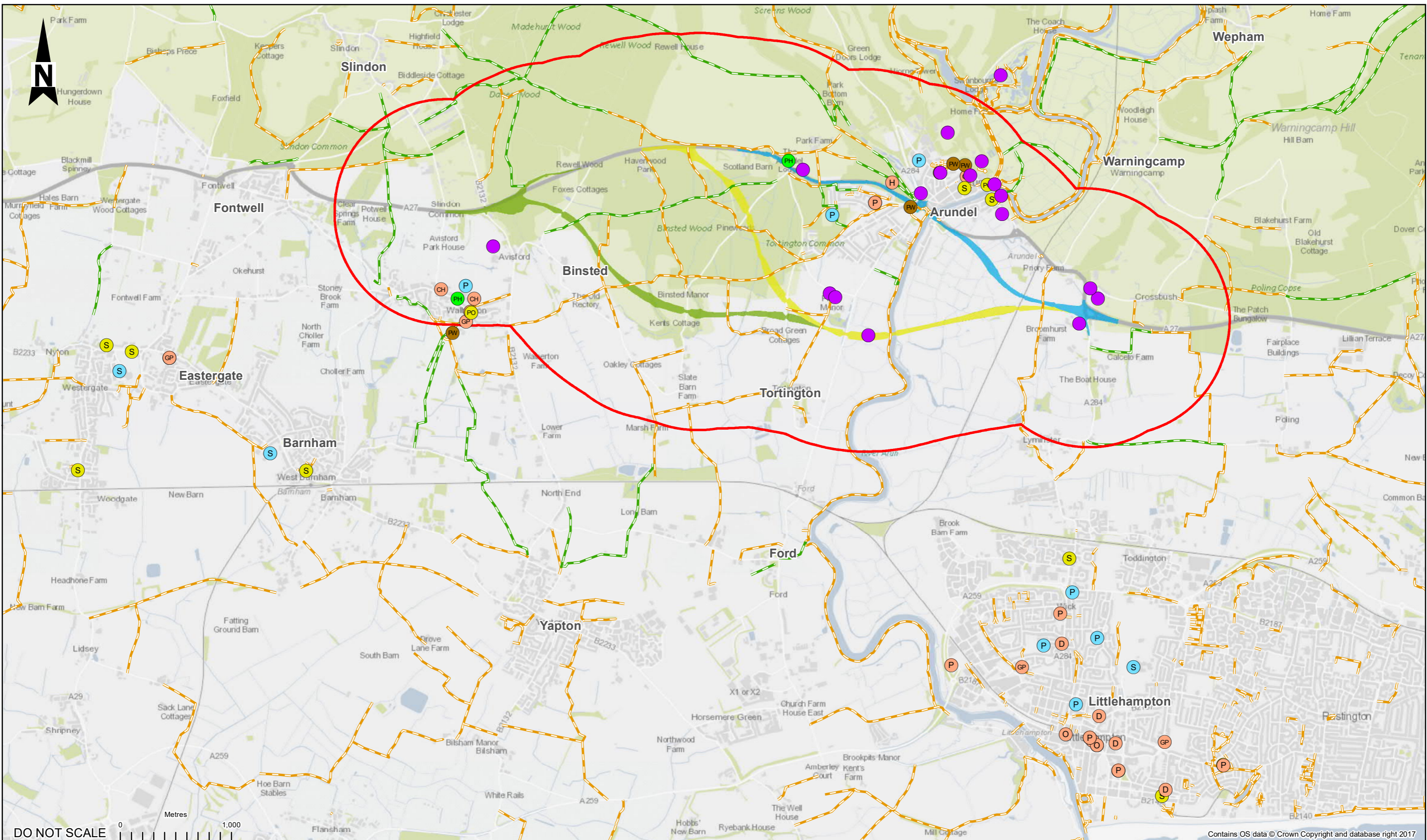
Copyright © WSP Group (2018)

Client: **Working on behalf of**



Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 11.14 OPTION 5A LONG TERM MITIGATED DMRB NOISE CONTOURS				
Scale: 1:20,500	Drawn: CB	Checked: EO	Approved: EO	Authorised: EO
Original Size: A3	Date: 21/03/18	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 - WSP - GEN - A27AR- FI - GIS - 1114	Project: A27AR- FI - GIS - 1114	Originator: WSP	Volume: 1114	Project Ref. No: 3511134A
Location:	Type:	Role:	Number:	Revision: A

APPENDIX A-5
PEOPLE AND COMMUNITIES AND WATER
ENVIRONMENT



KEY:

- OPTION 1 (Blue line)
- OPTION 3 (Yellow line)
- OPTION 5A (Green line)
- 1KM STUDY AREA (Red outline)

COMMUNITY FACILITIES

- PW: PLACE OF WORSHIP
- CH: COMMUNITY HALL
- S: CONVENIENCE STORE
- D: DENTAL PRACTICE
- GP: GP SURGERY
- H: HOSPITAL
- P: PHARMACY
- PO: POST OFFICE
- PH: PUBLIC HOUSE
- S: SECONDARY SCHOOL
- RECREATIONAL/TOURISM ASSET (Purple circle)

PUBLIC RIGHTS OF WAY

- BRIDLEWAY (Green dashed line)
- FOOTWAY (Orange dashed line)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
P01.1	---	First Issue	---
Rev.	Date	Description	By Chkd App'd

Drawing Status: **WORK IN PROGRESS**

Suitability: **S0**

WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

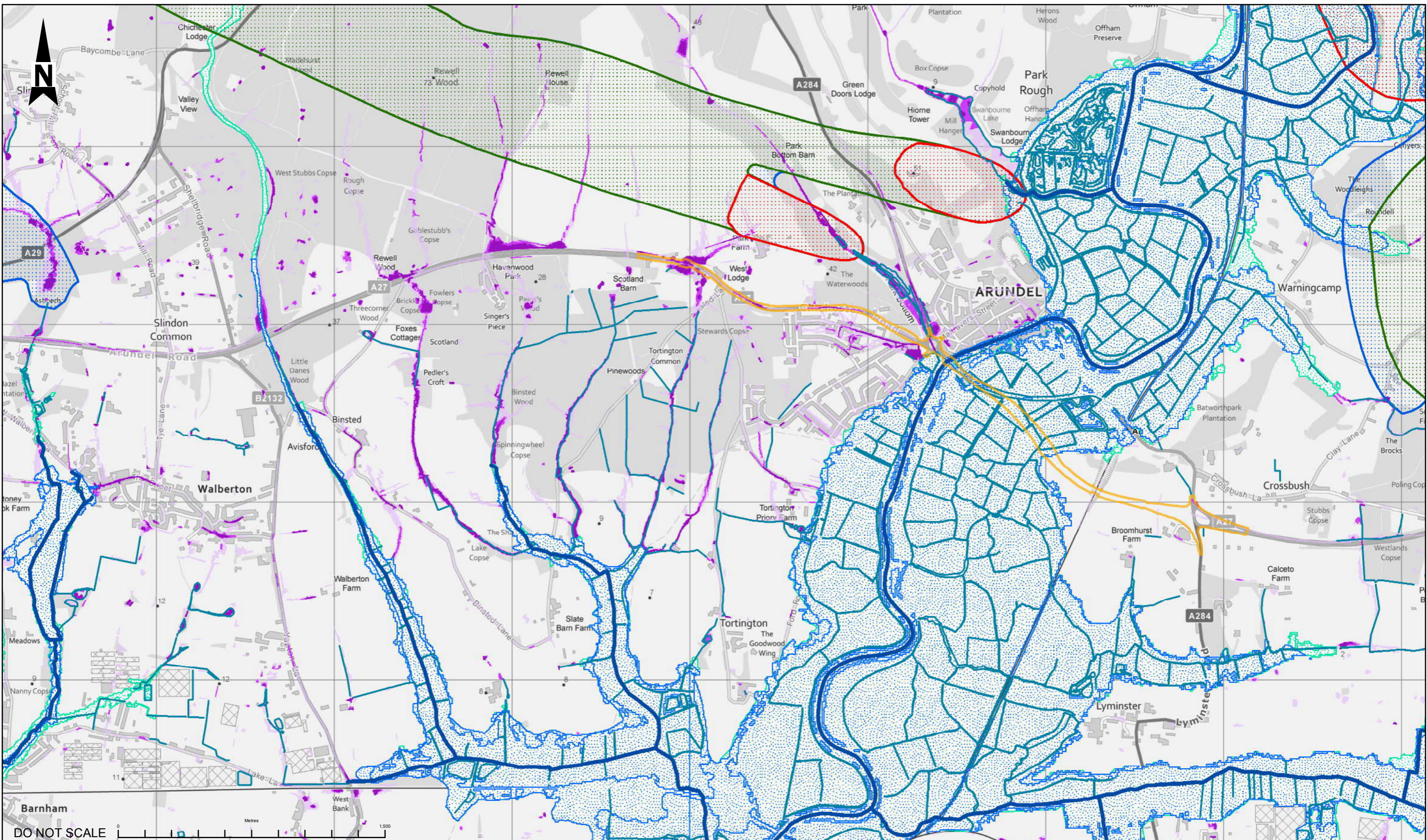
Copyright © WSP Group (2017)

Client: **Working on behalf of**

Project Title: **REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL**

Drawing Title: **FIGURE 12.1: PEOPLE AND COMMUNITIES RECEPTORS**

Scale: 1:32,000	Drawn: CB	Checked: SC	Approved: SL	Authorised: SC
Original Size: A3	Date: 20/12/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 - WSP - GEN - A27AR- FI - GIS - 1201	Originator: ---	Volume: ---	Project Ref. No: 3511134A	Revision: A
Location: ---	Type: ---	Role: ---	Number: ---	---



KEY:

OPTIONS

OPTION 1

RIVERS

MAIN RIVERS

ORDINARY WATERCOURSES

FLOOD ZONES

ENVIRONMENT AGENCY - FLOOD ZONE 3

ENVIRONMENT AGENCY - FLOOD ZONE 2

INFORMATION ON RISK OF FLOODING FROM SURFACE WATER AND FLOOD ZONES WAS OBTAINED FROM THE ENVIRONMENT AGENCY'S OPEN DATA SOURCE DOWNLOADED IN SEPTEMBER 2017

RISK OF FLOODING FROM SURFACE WATER

HIGH (PROBABILITY OF OCCURRENCE 1 IN 30 YEARS)

MEDIUM (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 30 YEARS AND 1 IN 100 YEARS)

LOW (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 100 YEARS AND 1 IN 1,000 YEARS)

GROUNDWATER SOURCE PROTECTION ZONES

ZONE I - INNER PROTECTION ZONE

ZONE II - OUTER PROTECTION ZONE

ZONE III - TOTAL CATCHMENT

ZONE OF SPECIAL INTEREST

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
P01.1	First Issue		
Rev.	Date	Description	By Chkd App'd

Drawing Status: WORK IN PROGRESS

Suitability: S0

wsp

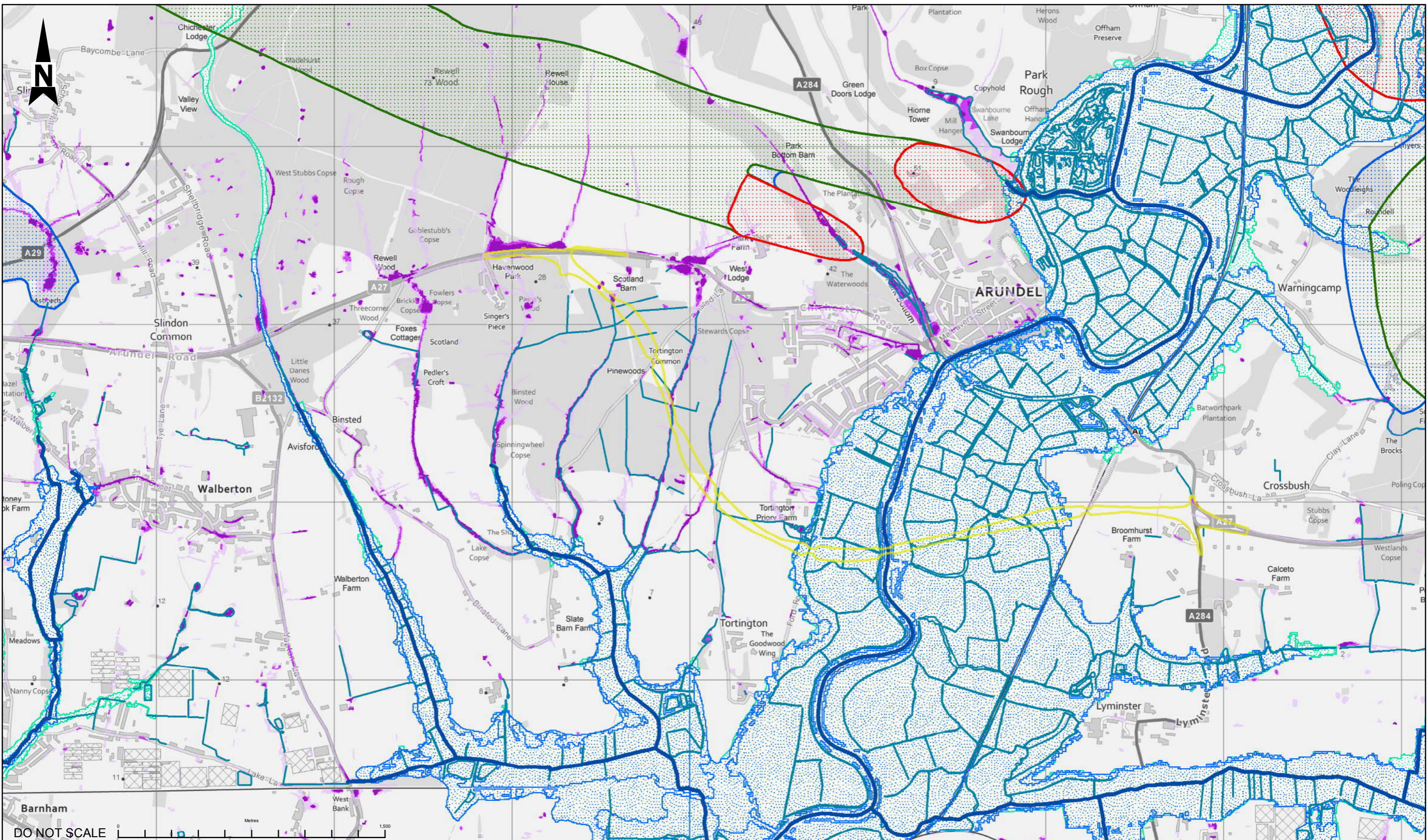
WSP House
70 Chancery Lane
London
WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of

highways england

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL				
Drawing Title: FIGURE 13.1A WATER CONSTRAINTS MAP OPTION 1				
Scale: 1:20,000	Drawn: CB	Checked: ES	Approved: ES	Authorised: ES
Original Size: A3	Date: 19/12/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 - WSP - GEN - A27AR- FI - GIS - 1301	Originator: ---	Volume: ---	Project Ref. No.: 351134A	Revision: A
Location: ---	Type: ---	Role: ---	Number: ---	



KEY:

OPTIONS
 OPTION 3

RIVERS
 MAIN RIVERS
 ORDINARY WATERCOURSES

FLOOD ZONES
 ENVIRONMENT AGENCY - FLOOD ZONE 3
 ENVIRONMENT AGENCY - FLOOD ZONE 2

INFORMATION ON RISK OF FLOODING FROM SURFACE WATER AND FLOOD ZONES WAS OBTAINED FROM THE ENVIRONMENT AGENCY'S OPEN DATA SOURCE DOWNLOADED IN SEPTEMBER 2017

RISK OF FLOODING FROM SURFACE WATER

HIGH (PROBABILITY OF OCCURRENCE 1 IN 30 YEARS)
 MEDIUM (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 30 YEARS AND 1 IN 100 YEARS)
 LOW (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 100 YEARS AND 1 IN 1,000 YEARS)

GROUNDWATER SOURCE PROTECTION ZONES

ZONE I - INNER PROTECTION ZONE
 ZONE II - OUTER PROTECTION ZONE
 ZONE III - TOTAL CATCHMENT
 ZONE OF SPECIAL INTEREST

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
P01.1	---	First Issue	---
Rev.	Date	Description	By Chkd App'd

Drawing Status: WORK IN PROGRESS

Suitability: S0

WSP
 WSP House
 70 Chancery Lane
 London
 WC2A 1AF
 Tel: +44 (0)20 7314 5000
 www.wspgroup.co.uk
 www.pbworld.com

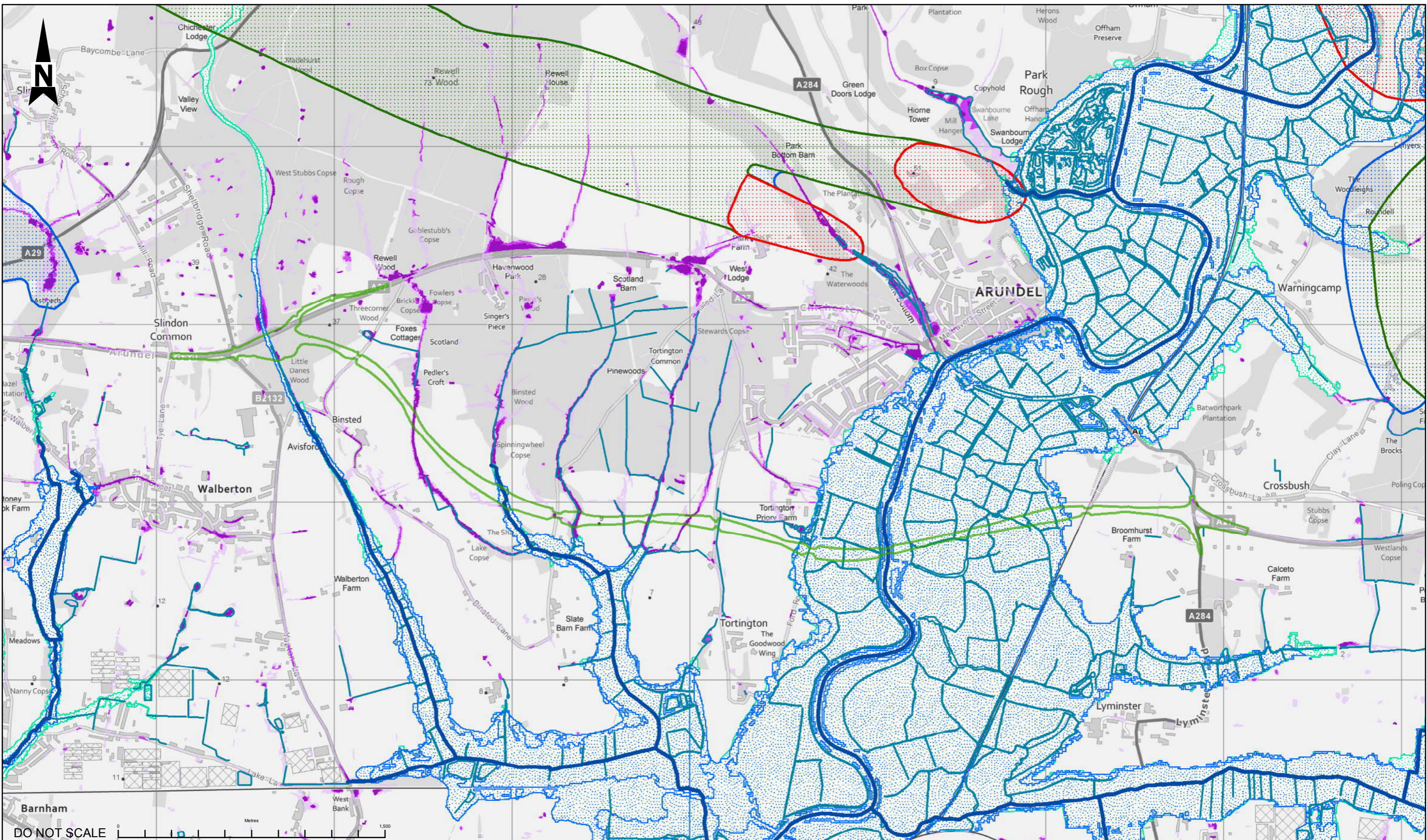
Copyright © WSP Group (2017)

Client: Working on behalf of

Project Title: REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL

Drawing Title: **FIGURE 13.1B**
WATER CONSTRAINTS MAP
OPTION 3

Scale: 1:20,000	Drawn: CB	Checked: ES	Approved: ES	Authorised: ES
Original Size: A3	Date: 19/12/17	Date: ---	Date: ---	Date: ---
Drawing Number: HE551523 - WSP - GEN - A27AR- FI - GIS - 1302	Originator: ---	Volume: ---	Project Ref. No.: 351134A	Revision: A
Location: ---	Type: ---	Role: ---	Number: ---	



KEY:

OPTIONS
 OPTION 5A

RIVERS
 MAIN RIVERS
 ORDINARY WATERCOURSES

FLOOD ZONES
 ENVIRONMENT AGENCY - FLOOD ZONE 3
 ENVIRONMENT AGENCY - FLOOD ZONE 2

INFORMATION ON RISK OF FLOODING FROM SURFACE WATER AND FLOOD ZONES WAS OBTAINED FROM THE ENVIRONMENT AGENCY'S OPEN DATA SOURCE DOWNLOADED IN SEPTEMBER 2017

RISK OF FLOODING FROM SURFACE WATER

HIGH (PROBABILITY OF OCCURRENCE 1 IN 30 YEARS)
 MEDIUM (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 30 YEARS AND 1 IN 100 YEARS)
 LOW (PROBABILITY OF OCCURRENCE BETWEEN 1 IN 100 YEARS AND 1 IN 1,000 YEARS)

GROUNDWATER SOURCE PROTECTION ZONES

ZONE I - INNER PROTECTION ZONE
 ZONE II - OUTER PROTECTION ZONE
 ZONE III - TOTAL CATCHMENT
 ZONE OF SPECIAL INTEREST

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION			
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).			
Construction			
Maintenance / Cleaning			
Use			
Decommissioning / Demolition			
P01.1	---	First Issue	---
Rev.	Date	Description	By Chkd App'd

Drawing Status: WORK IN PROGRESS

WSP House
70 Chancery Lane
London WC2A 1AF
Tel: +44 (0)20 7314 5000
www.wspgroup.co.uk
www.pbworld.com

Copyright © WSP Group (2017)

Client: Working on behalf of highways england

Project Title		REGIONAL INVESTMENT PROGRAMME A27 ARUNDEL			
Drawing Title		FIGURE 13.1C WATER CONSTRAINTS MAP OPTION 5A			
Scale	1:20,000	Drawn	CB	Checked	ES
Original Size	A3	Date	19/12/17	Date	---
Approved	ES	Authorised	ES		
Drawing Number	HE551523 -WSP - GEN - A27AR- FI - GIS - 1303	Project Ref. No.	351134A		
Location		Type	Role	Number	A

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

