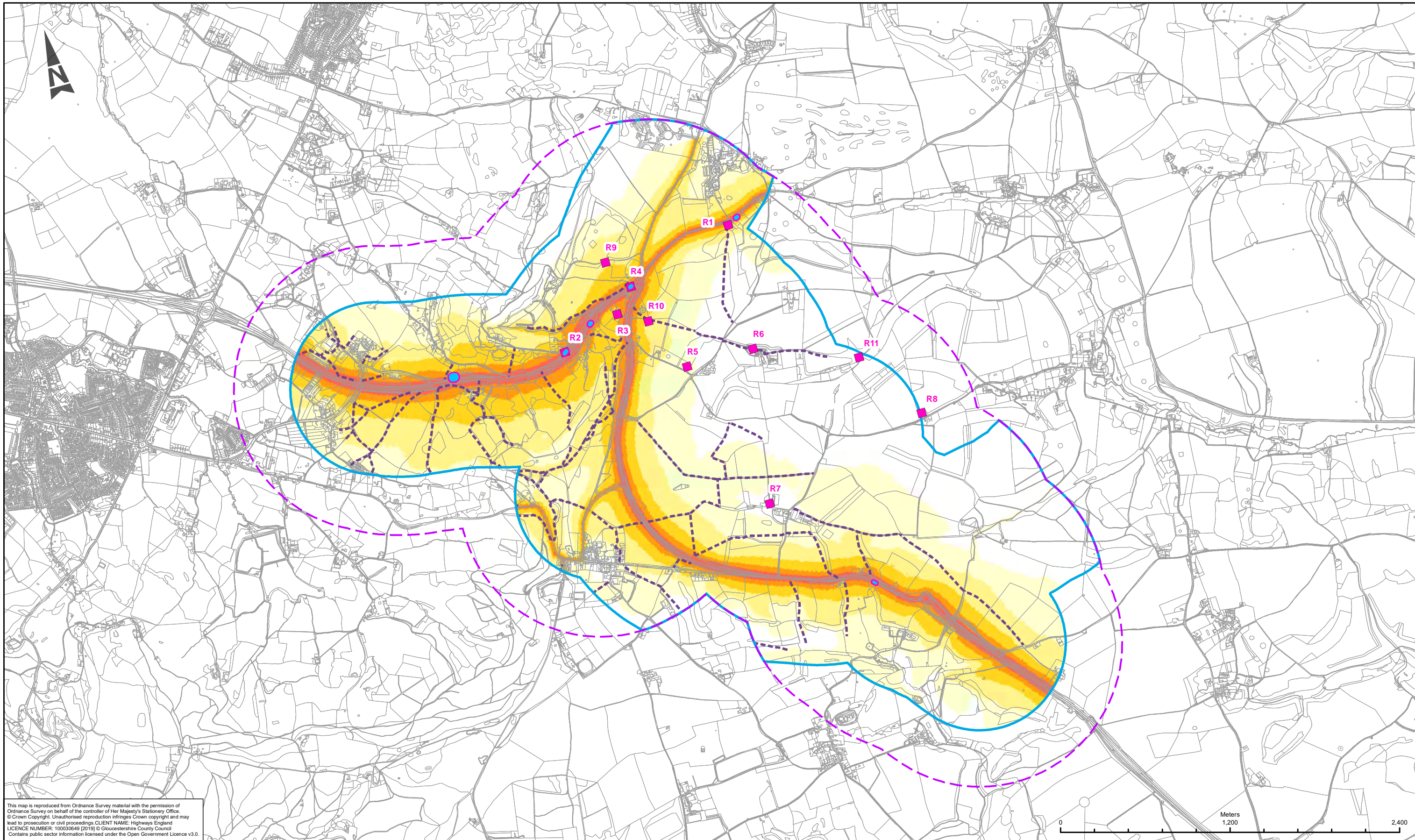


A417 Missing Link

PEI Figures - Volume 5

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- Figure 11.2 - DS2039 – Future – Absolute Noise Level
- Figure 11.3 - DS 2039 Minus DM 2024
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- Figure 12.2 - Public Rights of Way and Local Routes - Sheet 1 of 2
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- Figure 12.3 - Community Facilities, Business and Tourism
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- Figure 12.4 - Open Access Land Sheet 1 of 2
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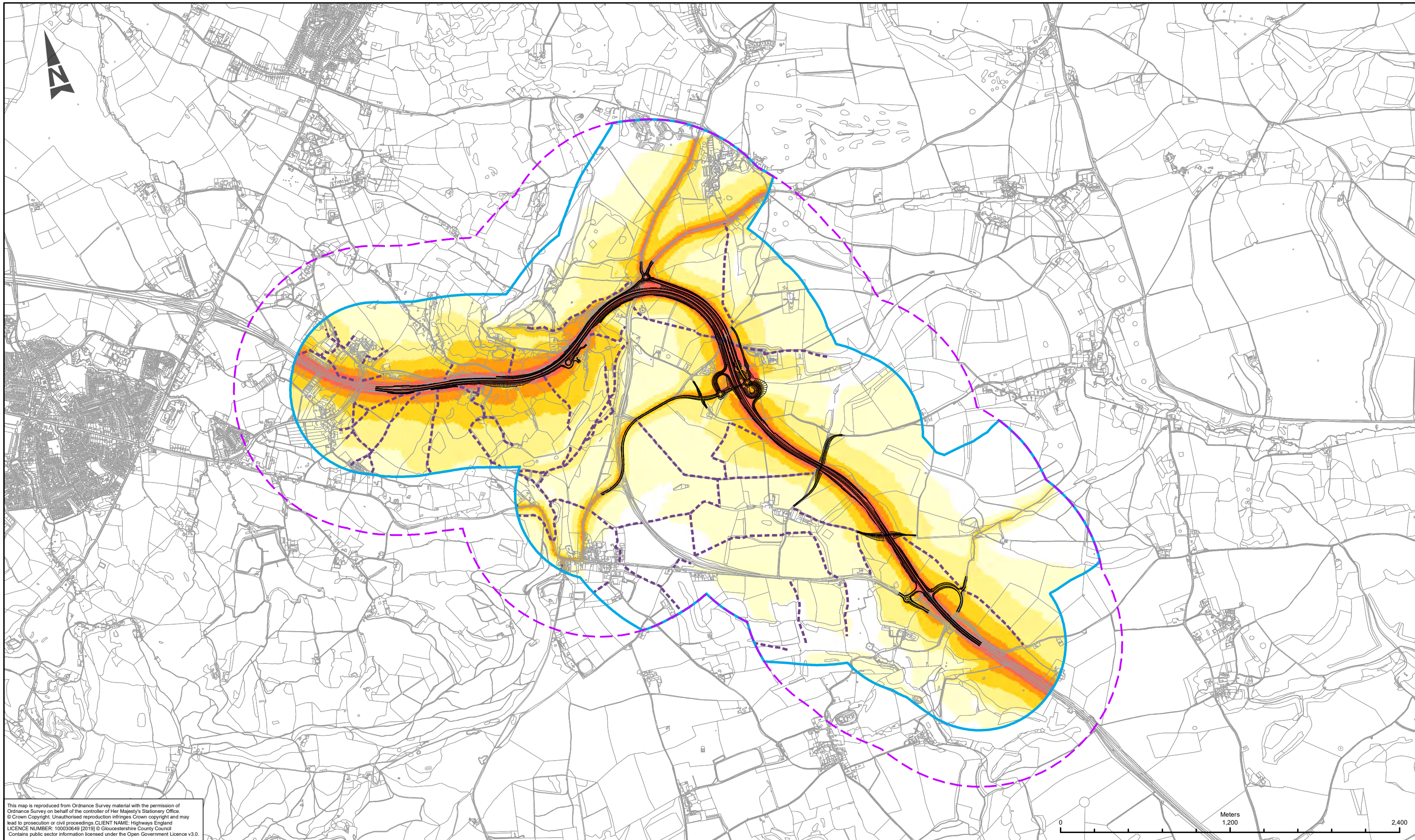
LEGEND		NOISE LEVEL FROM ROADS IN STUDY AREA	
■ R1	CONSTRUCTION ASSESSMENT LOCATIONS	□	< 47
 	FOOTPATH	□	47 - 52
 	CALCULATION AREA	□	52 - 57
 	STUDY AREA	□	57 - 62
■	NOISE IMPORTANT AREAS	□	62 - 67
		□	> 67

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 IN THE DESIGN HAZARD LOG)			
CONSTRUCTION			
NONE			
MAINTENANCE / CLEANING			
NONE			
USE			
NONE			
DECOMMISSIONING / DEMOLITION			
NONE			

Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AO	JP	SW

S4	Drawing Status	SUITABLE FOR STAGE APPROVAL
ARUP		
highways england		

Project Title						A417 MISSING LINK					
Drawing Title						FIGURE 11.1 DM2024 BASELINE OPENING – ABSOLUTE NOISE LEVEL					
Scale	By	Checked	Approved	Authorised		1:25,000	EB	AO	JP	SW	
Original Size	Date	Date	Date	Date		A3	19/08/19	19/08/19	19/08/19	19/08/19	
Drawing Number		HE PIN		Originator		Volume		Revision			
HE551506 - ARP		- DR - LE - 000001		- ENV		- DR - LE - 000001		P04			
Location		Type		Role		Number					



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LEGEND		
	FOOTPATH	
	CALCULATION AREA	
	STUDY AREA	
NOISE LEVEL FROM SCHEME AND ALL OTHER ROADS IN STUDY AREA		
	< 47	< 40
	47 - 52	40 - 45
	52 - 57	45 - 50
	57 - 62	50 - 55
	62 - 67	55 - 60
	> 67	> 60
	DAYTIME dBL _{Aeq,16h}	NIGHT-TIME dBL _{Aeq,8h}

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 IN THE DESIGN HAZARD LOG)			
CONSTRUCTION			
NONE			
MAINTENANCE / CLEANING			
NONE			
USE			
NONE			
DECOMMISSIONING / DEMOLITION			
NONE			

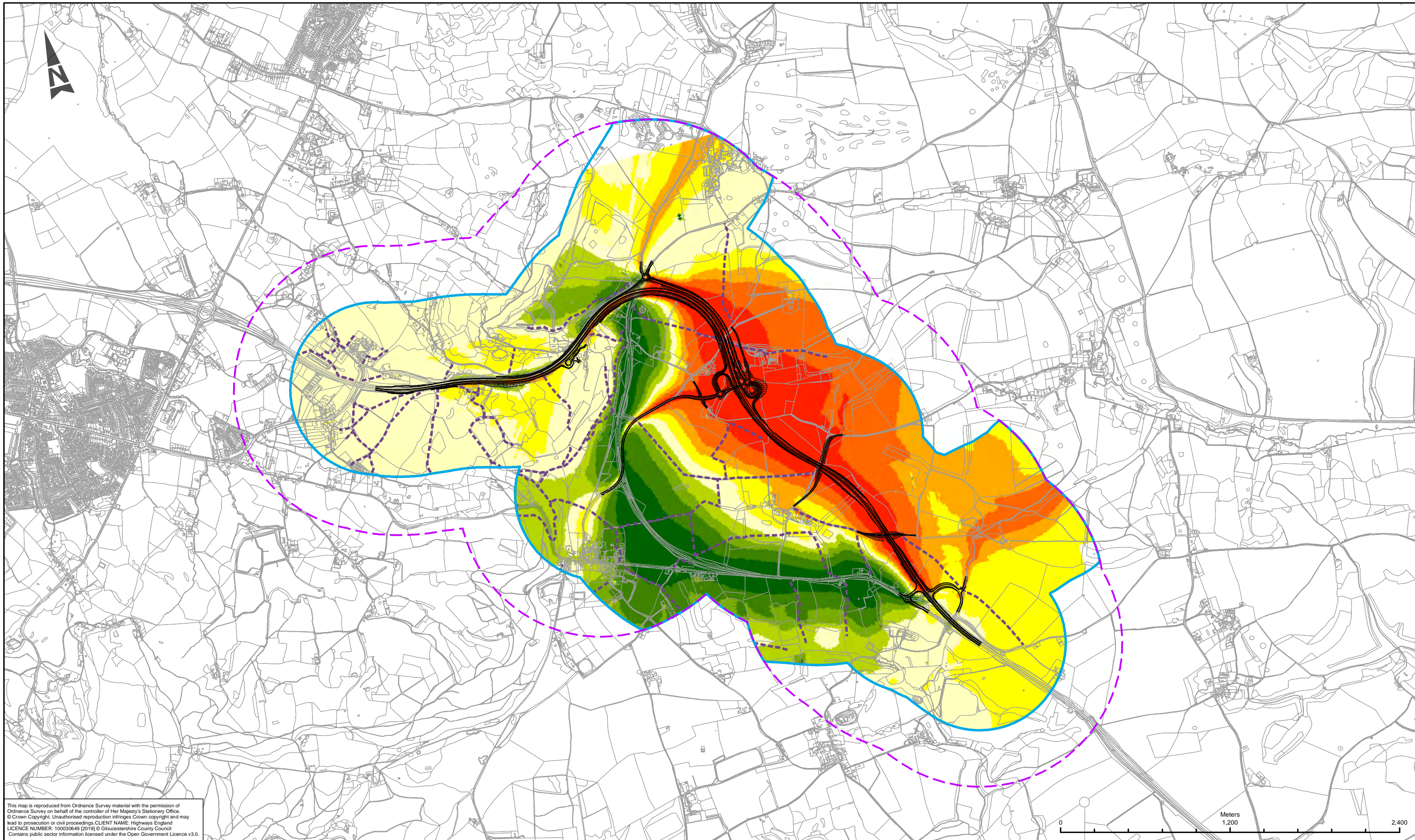
Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AO	JP	SW

Suitability: S4
 Drawing Status: SUITABLE FOR STAGE APPROVAL

ARUP

Client: **highways england**

Project Title					
A417 MISSING LINK					
Drawing Title					
FIGURE 11.2 DS2039 - FUTURE - ABSOLUTE NOISE LEVEL					
Scale	By	Checked	Approved	Authorised	
1:25,000	EB	AO	JP	SW	
Original Size	Date	Date	Date	Date	
A3	19/08/19	19/08/19	19/08/19	19/08/19	
Drawing Number	HE PIN	Originator	Volume	Revision	
HE551506 - ARP - ENV				P04	
X_XX_XXXX_X	-DR	-LE	-000002		
Location	Type	Role	Number		



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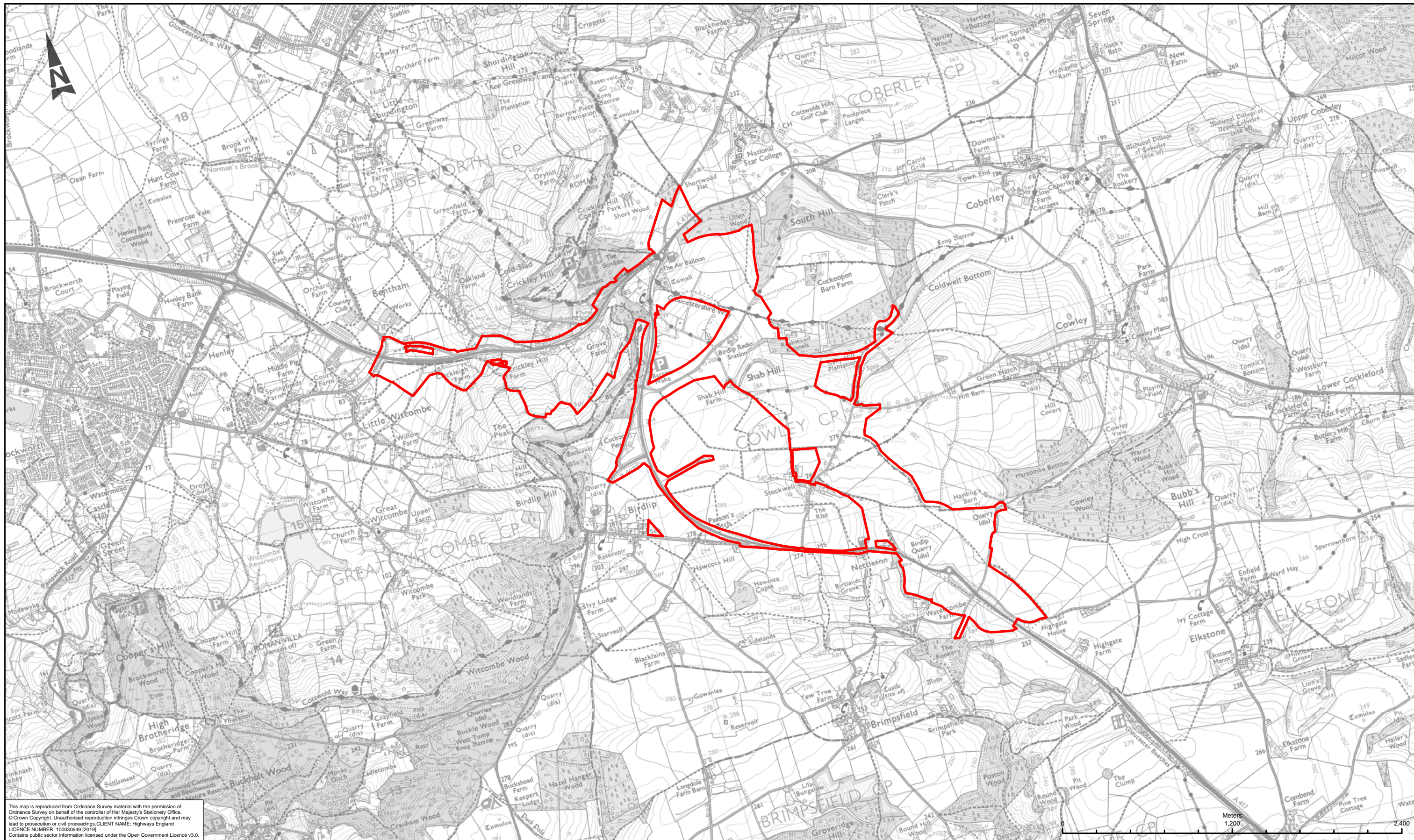
LEGEND	
	FOOTPATH
	CALCULATION AREA
	STUDY AREA
OPERATIONAL LONG TERM CHANGE IN NOISE LEVEL dB(A)	
	<= -10
	-9.9 to -5.0
	-4.9 to -3.0
	-2.9 to -1.0
	-0.9 to 0.9
	1.0 to 2.9
	3.0 to 4.9
	5.0 to 9.9
	>= 10

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 IN THE DESIGN HAZARD LOG)	
CONSTRUCTION NONE	
MAINTENANCE / CLEANING NONE	
USE NONE	
DECOMMISSIONING / DEMOLITION NONE	

Rev.	Date	Description	By	Chk'd	App'd	Audit'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AO	JP	SW

Suitability	S4	Drawing Status	SUITABLE FOR STAGE APPROVAL

Project Title		A417 MISSING LINK			
Drawing Title		FIGURE 11.3 DS 2039 MINUS DM 2024			
Scale	1:25,000	By	EB	Checked	AO
Original Size	A3	Date	19/08/19	Date	19/08/19
Approved	JP	Date	19/08/19	Authorised	SW
Date	19/08/19	Date	19/08/19	Date	19/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	ENV
HE551506 -	ARP	-	DR	-	LE - 000003
X_XX_XXXX_X	-	DR	LE	-	000003
Location	Type	Role	Number	Revision	
				P04	



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LEGEND
 PROPOSED SCHEME BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION	NONE
MAINTENANCE / CLEANING	NONE
USE	NONE
DECOMMISSIONING / DEMOLITION	NONE

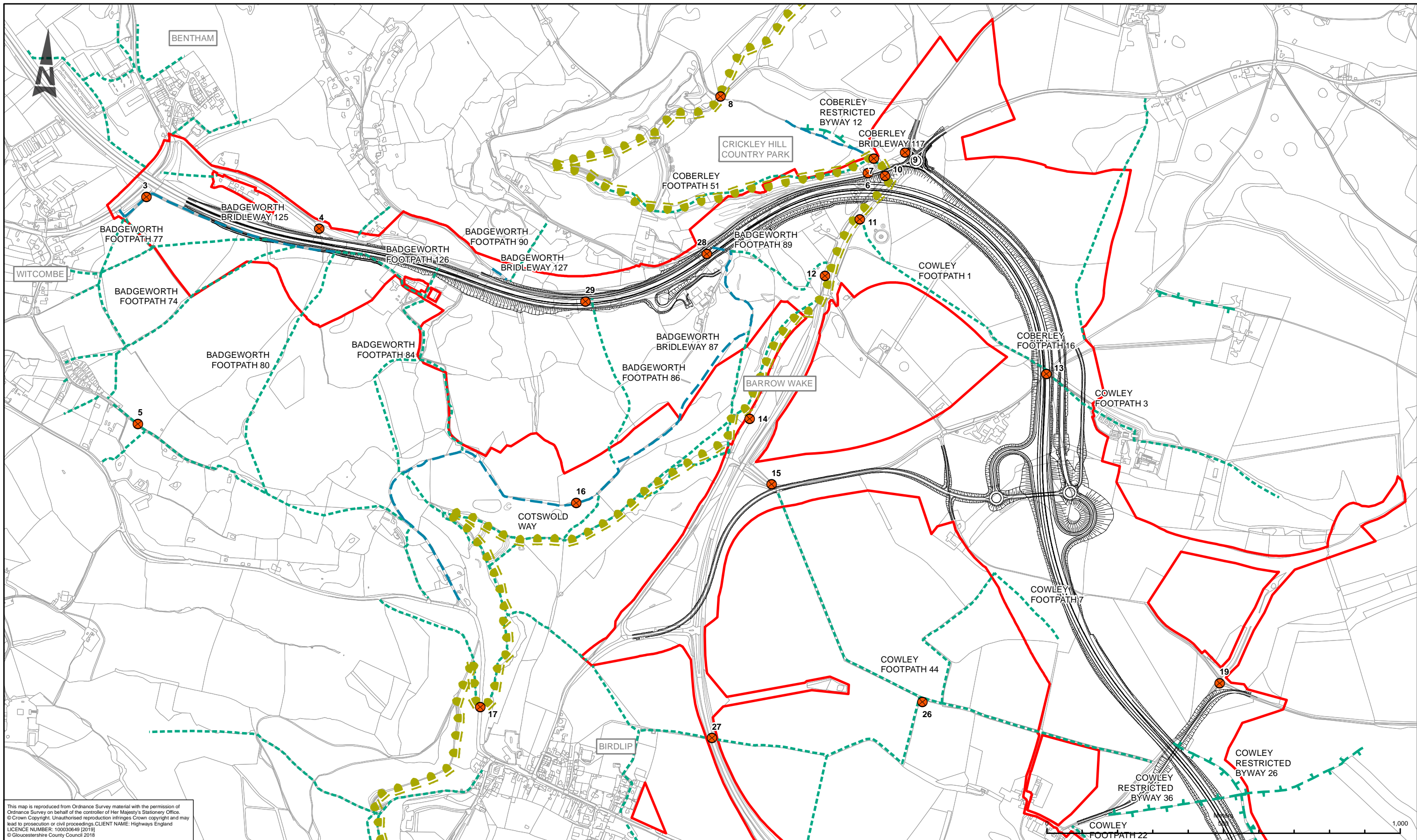
Rev.	Date	Description	By	Chk'd	App'd	Aut'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW

S4 Drawing Status
SUITABLE FOR STAGE APPROVAL

Project Title
A417 MISSING LINK

Drawing Title
**FIGURE 12.1
 POPULATION AND HEALTH
 STUDY AREA**

Scale	1:25,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	19/08/19	Date	19/08/19	Date	19/08/19	Date	19/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	EGN				P04
	HE551506 -		ARP		EGN				P04
	X_XX_XXXX_X		-DR - LE -		000004				
	Location		Type		Role				Number



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- LEGEND**
- PROW SURVEY LOCATIONS
 - COTSWOLD WAY
 - FOOTPATH
 - BRIDLEWAY
 - RESTRICTED BYWAY
 - PROPOSED SCHEME BOUNDARY

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 IN THE DESIGN HAZARD LOG)

CONSTRUCTION	NONE
MAINTENANCE / CLEANING	NONE
USE	NONE
DECOMMISSIONING / DEMOLITION	NONE

Rev.	Date	Description	By	Chk'd	App'd	Aud'td
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW

S4 Drawing Status SUITABLE FOR STAGE APPROVAL

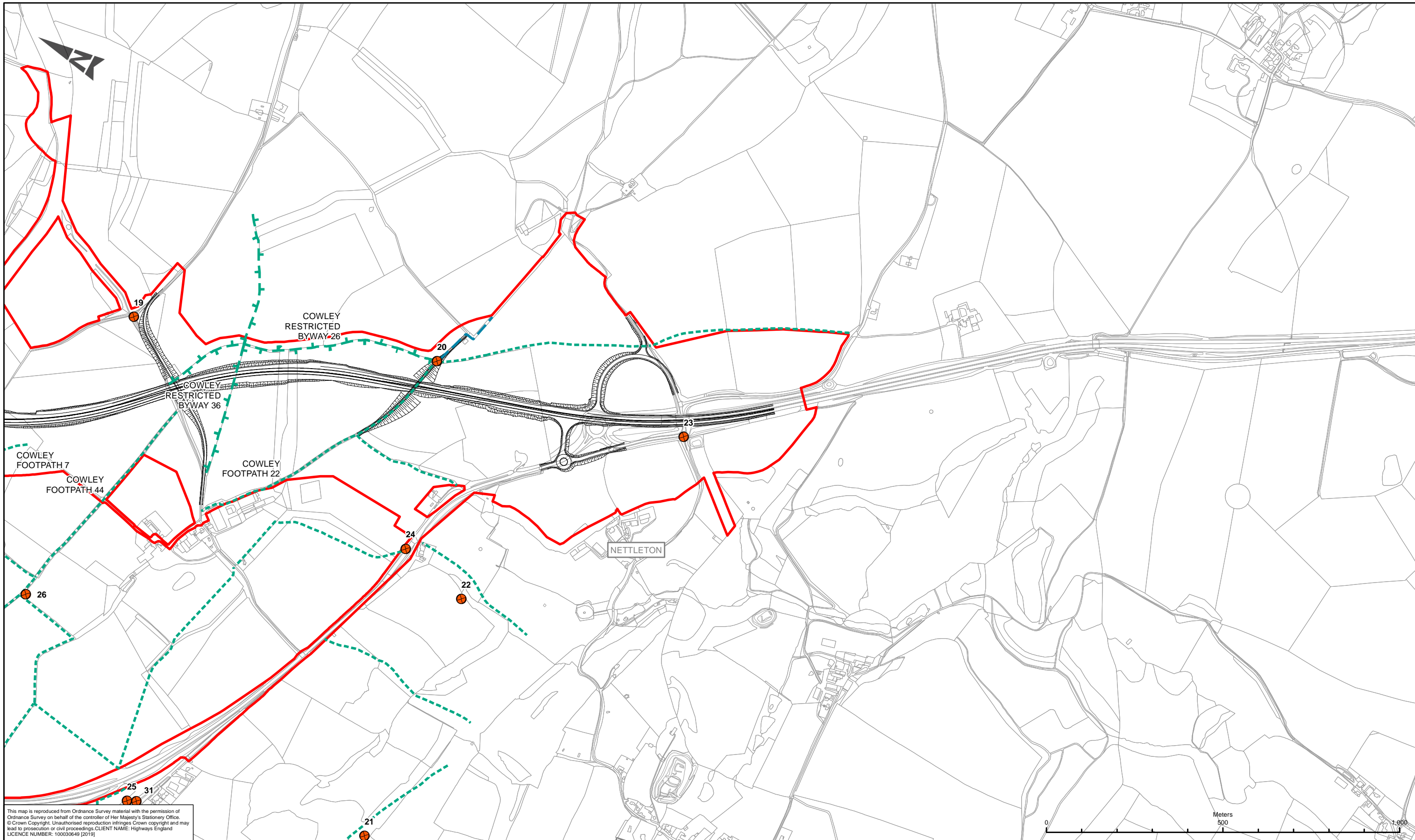
ARUP

**highways
england**

Project Title A417 MISSING LINK

Drawing Title FIGURE 12.2 PUBLIC RIGHTS OF WAY AND LOCAL ROUTES SHEET 1 OF 2

Scale	1:10,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	19/08/19	Date	19/08/19	Date	19/08/19	Date	19/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	ENM	Revision			
	HE551506 -		DR - LE - 000001			P04			



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LEGEND

- PROW SURVEY LOCATIONS
- FOOTPATH
- BRIDLEWAY
- RESTRICTED BYWAY
- PROPOSED SCHEME BOUNDARY

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 IN THE DESIGN HAZARD LOG)			
CONSTRUCTION			
NONE			
MAINTENANCE / CLEANING			
NONE			
USE			
NONE			
DECOMMISSIONING / DEMOLITION			
NONE			

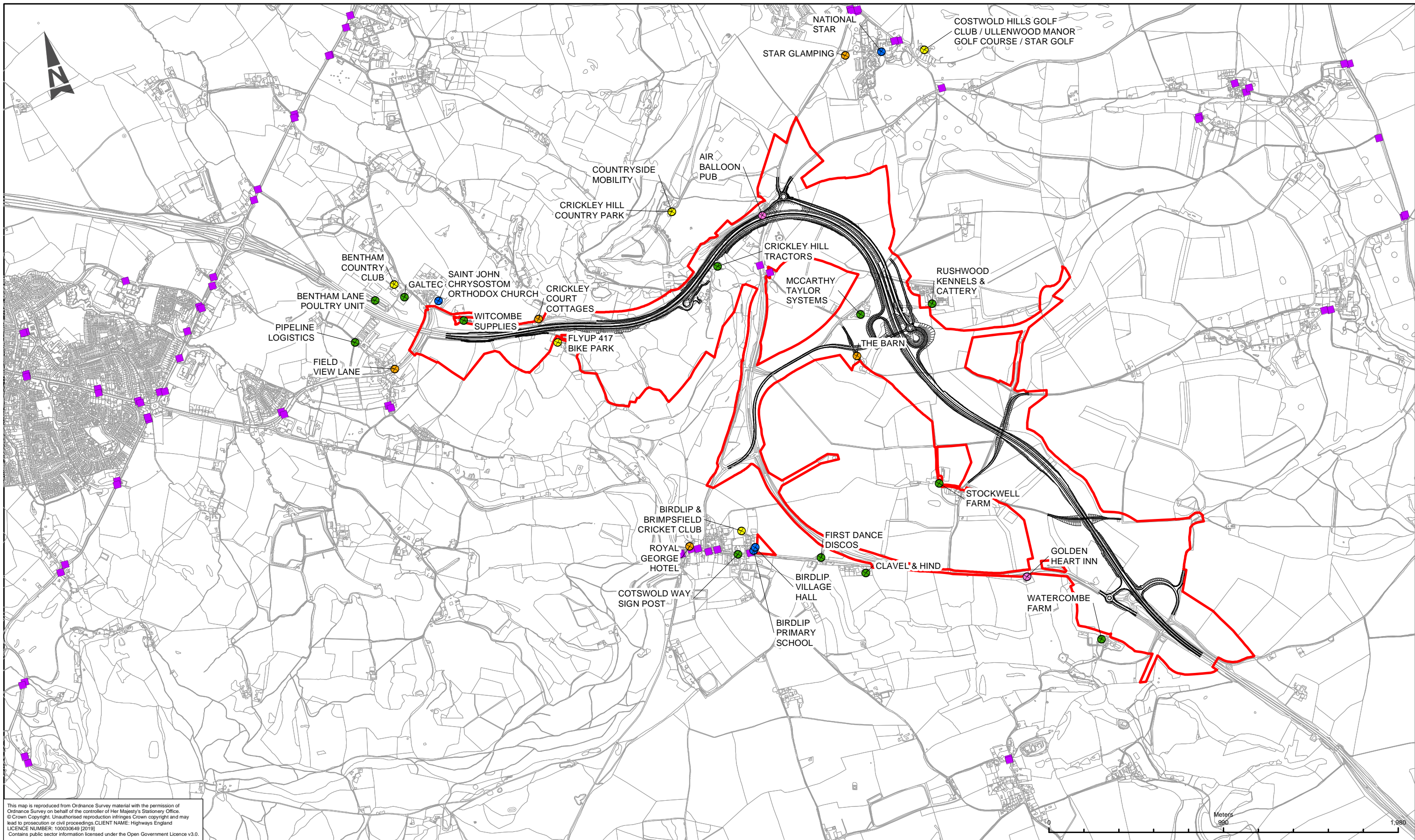
Rev.	Date	Description	By	Chk'd	App'd	Aud'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW

Suitability: **S4** Drawing Status: **SUITABLE FOR STAGE APPROVAL**

ARUP

Client: **highways england**

Project Title: A417 MISSING LINK					
Drawing Title: FIGURE 12.2 PUBLIC RIGHTS OF WAY AND LOCAL ROUTES SHEET 2 OF 2					
Scale: 1:10,000	By: EB	Checked: AP	Approved: JP	Authorised: SW	
Original Size: A3	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19
Drawing Number: HE551506 - ARP - ENM					
HE PIN Originator Volume					
X_XX_XXXX_X -DR-LE-000002					
Location Type Role Number					
					P04



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Meters
960
1:960

LEGEND	
■	BUS STOPS
✙	ACCOMODATION
●	COMMERCIAL PROPERTIES AND BUSINESSES
⦿	COMMUNITY FACILITIES
⊗	EATERIES AND VENUES
⦿	RECREATION / VISITOR ATTRACTIONS
▭	PROPOSED SCHEME BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION
NONE

MAINTENANCE / CLEANING
NONE

USE
NONE

DECOMMISSIONING / DEMOLITION
NONE

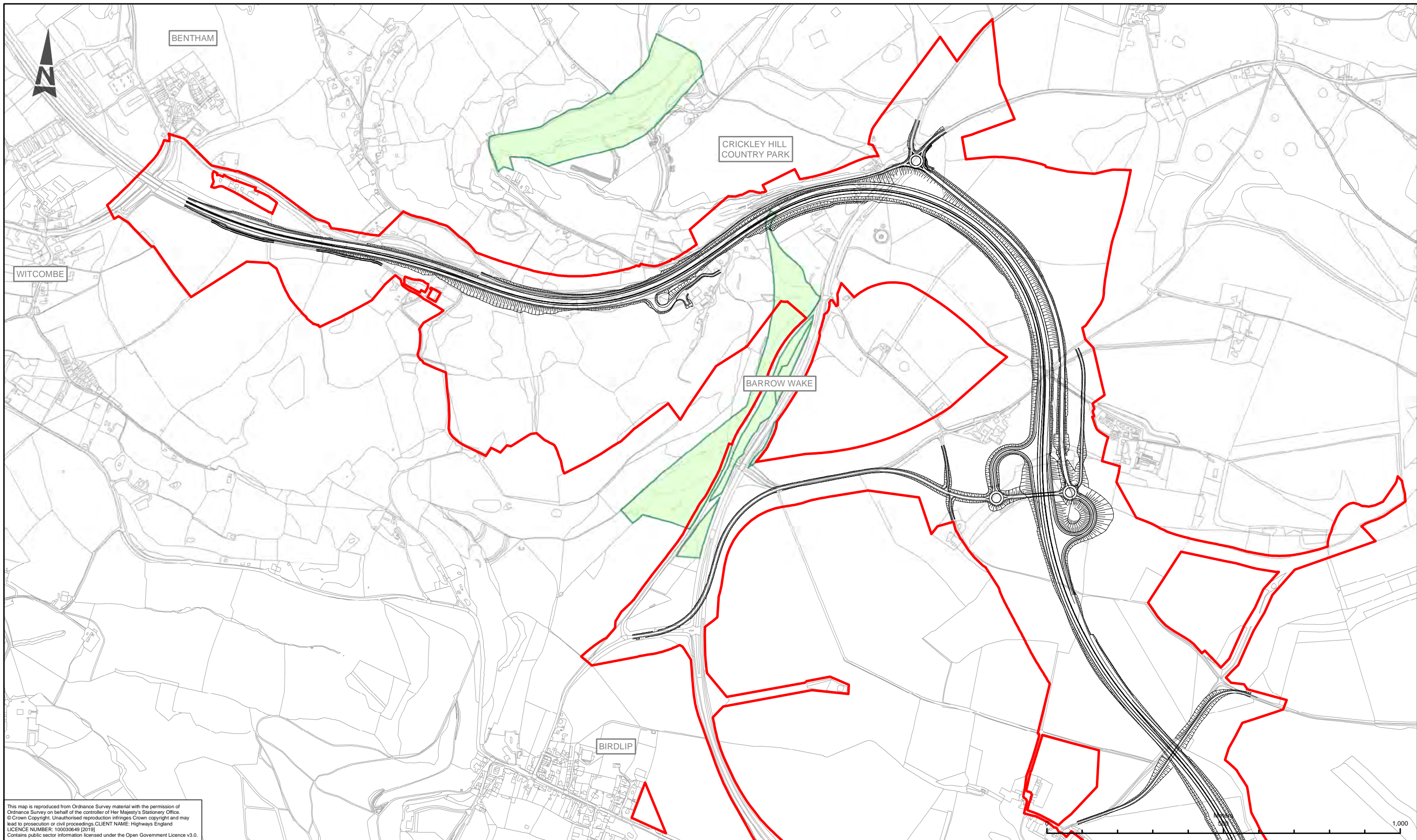
Rev.	Date	Description	By	Chk'd	App'd	Aut'd	
	19/08/19	UPDATED FIGURE NUMBER					

Suability	S4
Drawing Status	SUITABLE FOR STAGE APPROVAL
ARUP	
highways england	

Project Title A417 MISSING LINK

Figure Title
FIGURE 12.3
COMMUNITY FACILITIES, BUSINESS
AND TOURISM RECEPTORS

Scale	1:20,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	19/08/19	Date	19/08/19	Date	19/08/19	Date	19/08/19
Drawing Number	HE551506 - ARP	Originator	EGN	Volume	-DR - LE - 000006				
HE PIN	X_XX_XXXX_X	Location		Type		Role	Number		
								P04	



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- LEGEND**
- COMMON LAND
 - PROPOSED SCHEME BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION

NONE

MAINTENANCE / CLEANING

NONE

USE

NONE

DECOMMISSIONING / DEMOLITION

NONE

Rev.	Date	Description	By	Chk'd	App'd	Aut'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW

Suitability **S4** Drawing Status **SUITABLE FOR STAGE APPROVAL**

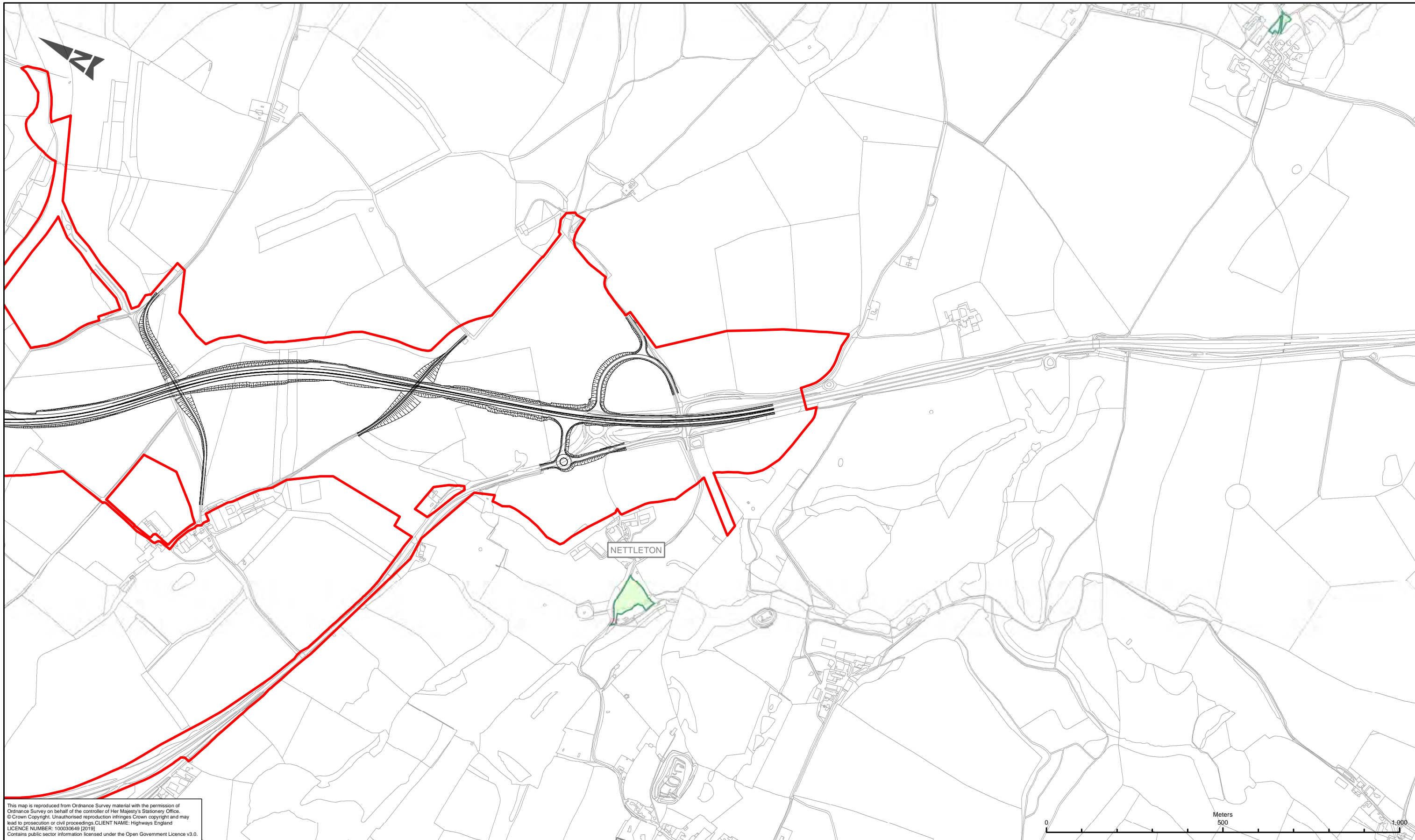
Client **ARUP**

highways england

Project Title **A417 MISSING LINK**

Drawing Title **FIGURE 12.4 OPEN ACCESS LAND SHEET 1 OF 2**

Scale	1:10,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	19/08/19	Date	19/08/19	Date	19/08/19	Date	19/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	EGT	Revision			
	HE551506 -		DR - LE - 000005			P04			
	X_XX_XXXX_X								
	Location		Type		Role	Number			



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	COMMON LAND
	PROPOSED SCHEME BOUNDARY

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 IN THE DESIGN HAZARD LOG)			
CONSTRUCTION			
NONE			
MAINTENANCE / CLEANING			
NONE			
USE			
NONE			
DECOMMISSIONING / DEMOLITION			
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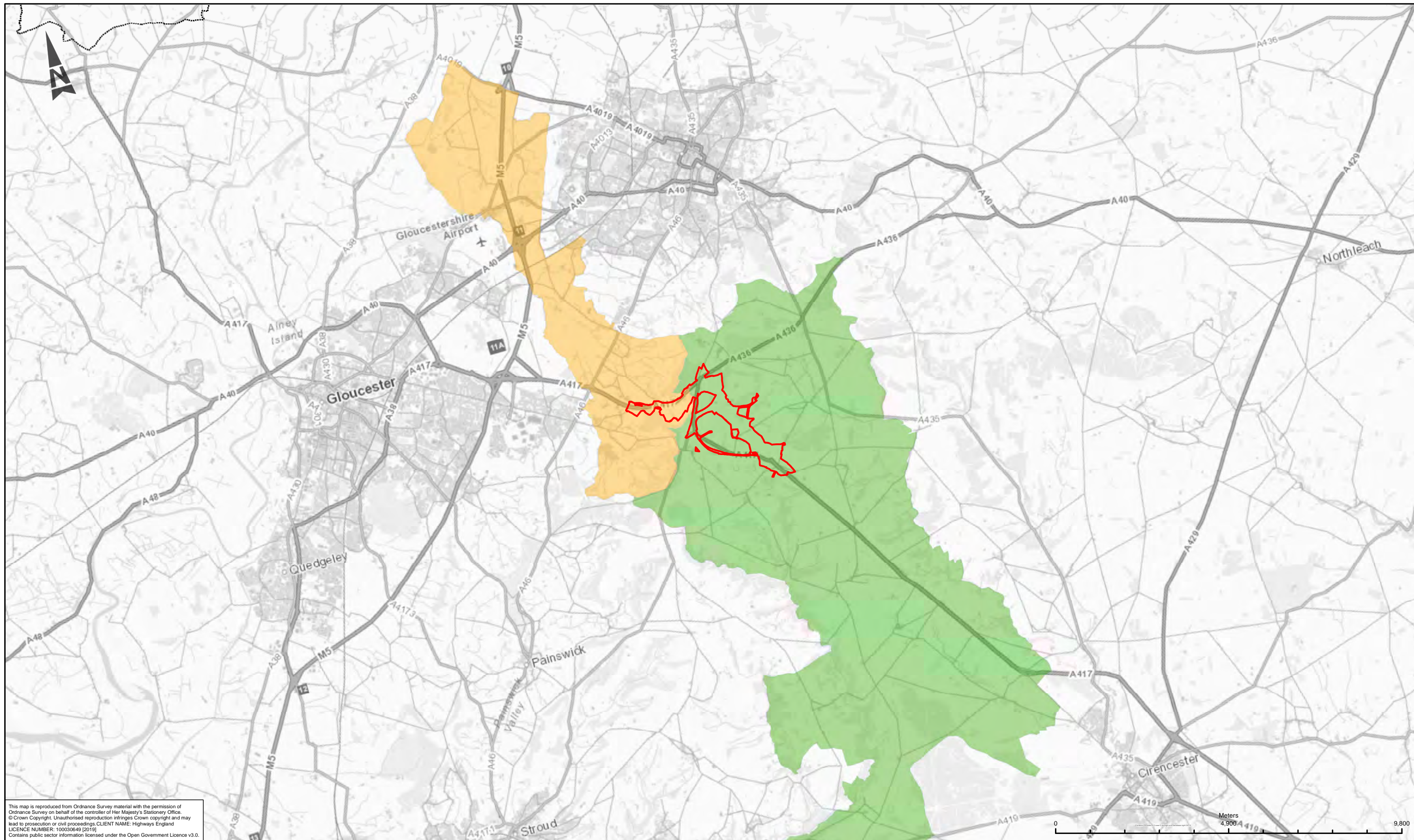
Rev.	Date	Description	By	Chk'd	App'd	Aut'd
P04	19/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW

Suitability: **S4** Drawing Status: **SUITABLE FOR STAGE APPROVAL**

ARUP

Client: **highways england**

Project Title: A417 MISSING LINK					
Drawing Title: FIGURE 12.4 OPEN ACCESS LAND SHEET 2 OF 2					
Scale: 1:10,000	By: EB	Checked: AP	Approved: JP	Authorised: SW	
Original Size: A3	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19	Date: 19/08/19
Drawing Number: HE551506 - ARP - EGT	HE PIN: X_XX_XXXX_X	Originator: -DR	Volume: -LE	Number: 000006	Revision: P04



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LEGEND	
	PROPOSED SCHEME BOUNDARY
	BADGEWORTH WARD
	ERMIN WARD
	GLOUCESTERSHIRE BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION									
NONE									
MAINTENANCE / CLEANING									
NONE									
USE									
NONE									
DECOMMISSIONING / DEMOLITION									
NONE									

P06	20/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW
P02	23/07/19	FIRST ISSUE	EB	AP	JP	SW
Rev.	Date	Description	By	Chk'd	App'd	Aut'd

S4	Drawing Status	SUITABLE FOR STAGE APPROVAL
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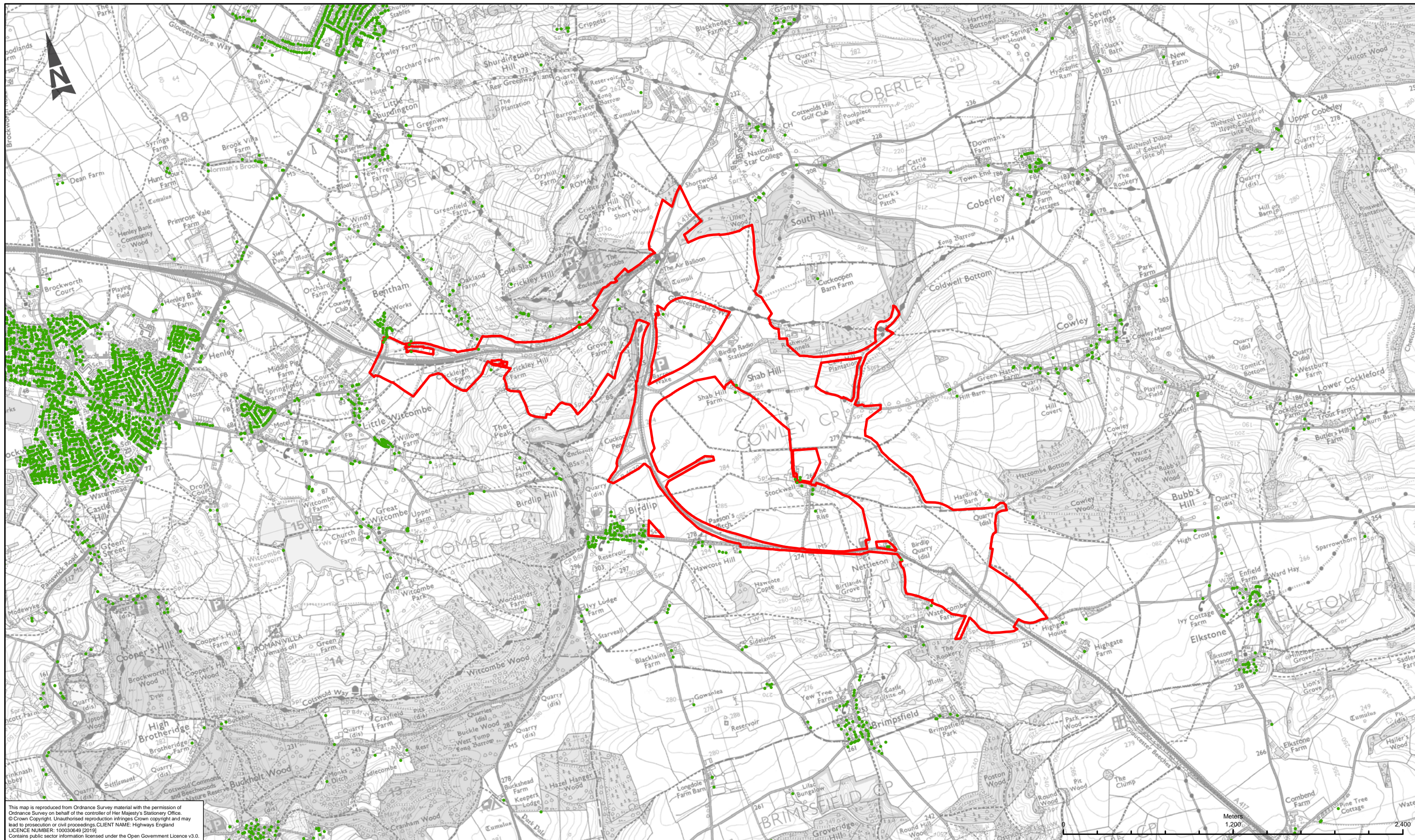
ARUP



Project Title		A417 MISSING LINK			
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Drawing Title		FIGURE 12.5 WARD AREAS			
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Scale	1:100,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	20/08/19	Date	20/08/19	Date	20/08/19	Date	20/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	EGN	P06			
HE551506 - ARP - EGN		X_XX_XXXX_X		-DR - LE - 000010					
Location		Type	Role	Number					



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●	RESIDENTIAL PROPERTY
	PROPOSED SCHEME BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION	
NONE	
MAINTENANCE / CLEANING	
NONE	
USE	
NONE	
DECOMMISSIONING / DEMOLITION	
NONE	
Rev.	Date Description

P06	20/08/19	UPDATED FIGURE NUMBER	EB	AP	JP	SW
P02	23/07/19	FIRST ISSUE	EB	AP	JP	SW
By	Chk'd	App'd	Aut'd			

S4 Drawing Status SUITABLE FOR STAGE APPROVAL



Project Title A417 MISSING LINK

Drawing Title FIGURE 12.6 RESIDENTIAL PROPERTIES

Scale	1:25,000	By	EB	Checked	AP	Approved	JP	Authorised	SW
Original Size	A3	Date	20/08/19	Date	20/08/19	Date	20/08/19	Date	20/08/19
Drawing Number	HE PIN	Originator	ARP	Volume	EGN	Revision			
HE551506 - ARP		- DR - LE - 000013		P06					
Location		Type	Role	Number					