

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010041

5.2 Consultation Appendices 12 of 13

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Regulations PA 2008 s37

Volume 5

June 2020

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**The A1 in Northumberland: Morpeth to Ellingham
Development Consent Order 20[xx]**

CONSULTATION REPORT APPENDICES

Regulation Reference:	Regulations PA 2008 s37
Planning Inspectorate Scheme Reference	TR010041
Application Document Reference	TR010041/APP/5.2
Author:	A1 in Northumberland Project Team, Highways England

Version	Date	Status of Version
Rev 0	June 2020	Application Issue

This page is left intentionally blank

CONTENTS:

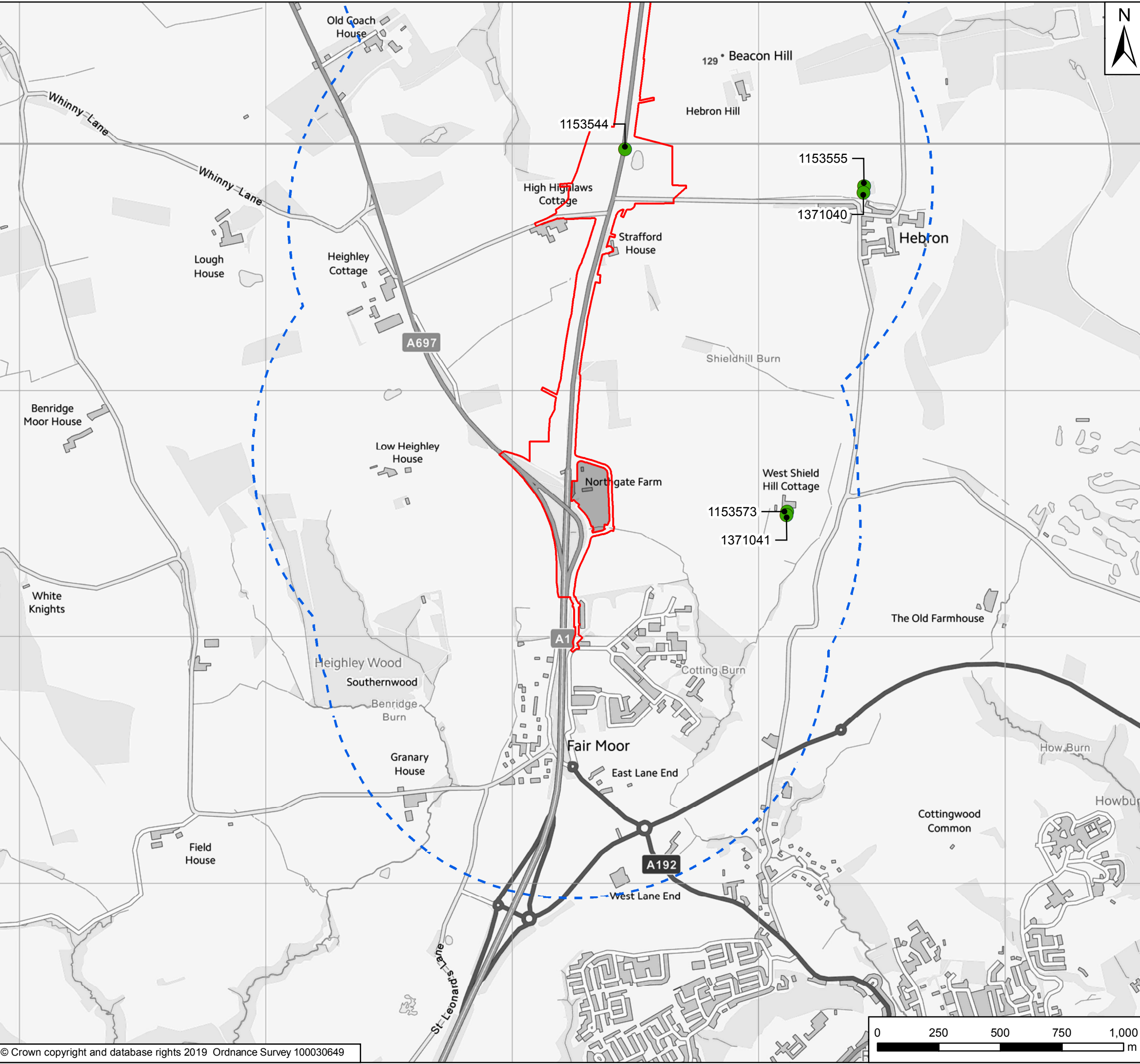
APPENDIX L: Preliminary Environmental Information Reports

M2E –Preliminary Environmental Information Report Appendix B Designated Heritage Assets

M2E –Preliminary Environmental Information Report Appendix C Summary of Likely Significant Effects

Please note, continuation of appendix L-N can be found in additional Consultation Appendices documents

M2E –Preliminary Environmental Report Appendix B Designated Heritage Assets



Order Limits

Areas Excluded from Order Limits

1km Study Area

Scheduled Monuments

Conservation Area

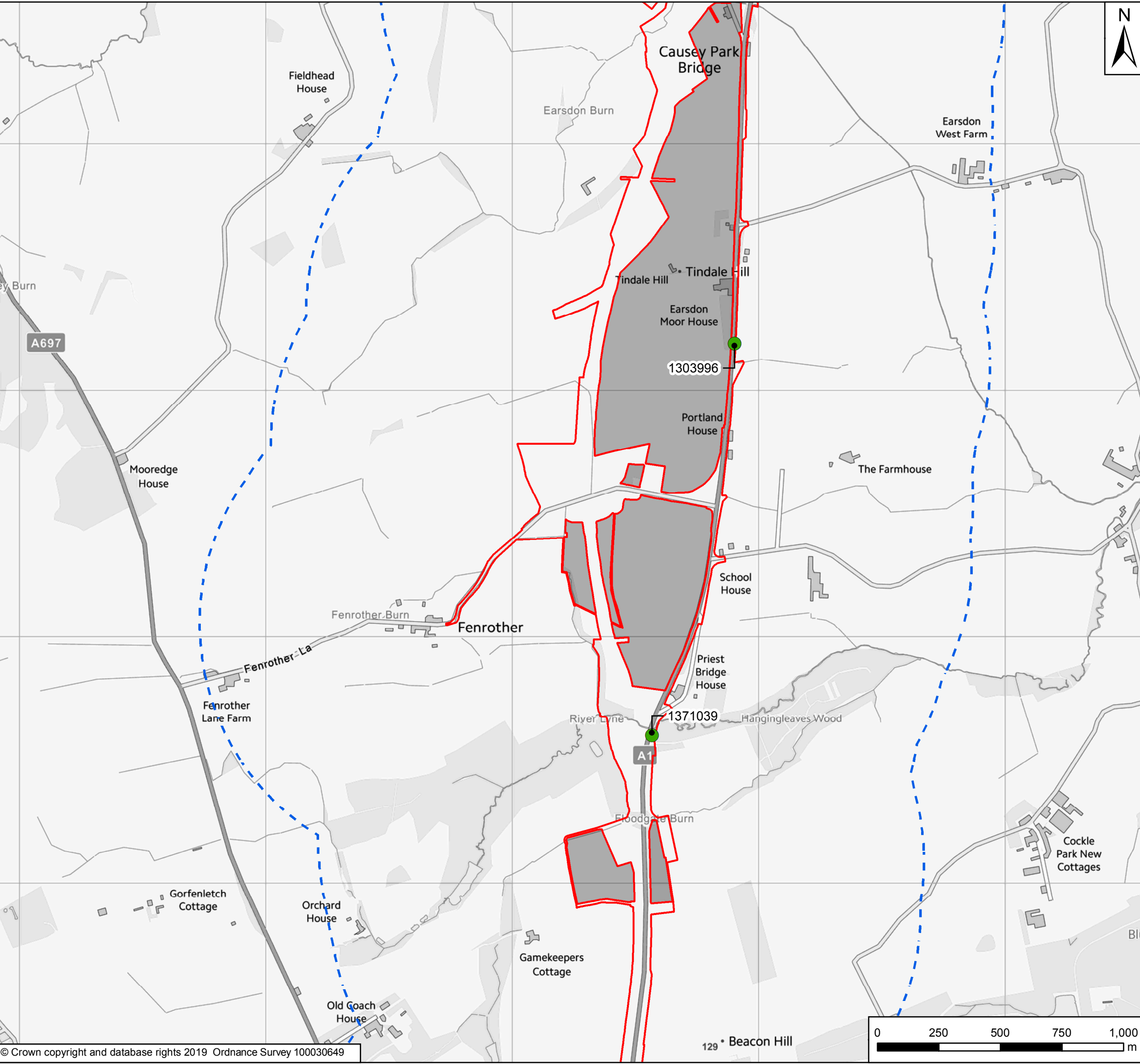
Grade I Listed Building

Grade II Listed Building

Grade II* Listed Building

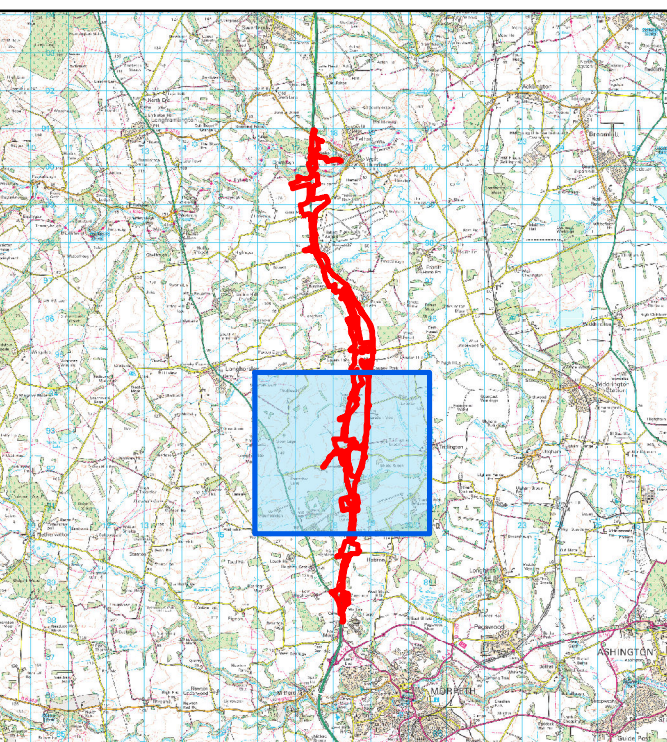
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd
Client					
Project Title A1 in Northumberland: Morpeth to Felton					
Drawing Title Figure 4 Designated Heritage Assets Part A of the Scheme Page 1 of 5					
Scale 1:15,000	Drawn GH	Checked AG	Approved KS	Authorised DM	
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19	
Drawing Status For Information					Suitability S1
Drawing Number Project HE551459		Originator WSP	Volume 6.2	Project Ref. No. 70044136	
M2F Location		Type	Role	Number	Revision P02

Date Saved: 01/10/2019 10:20:00 User Name: UKGDH001
Document Path: \\uk.wspgroup.com\central\data\Projects\700360xx\70036004 - A1 Northumberland\03 Environment\GIS\Environmental Statement_ES Figures Rev P02\Figure 6.1 - Designated Heritage Assets.mxd



Key

- Order Limits
- Areas Excluded from Order Limits
- 1km Study Area
- Scheduled Monuments
- Conservation Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building



P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

Client

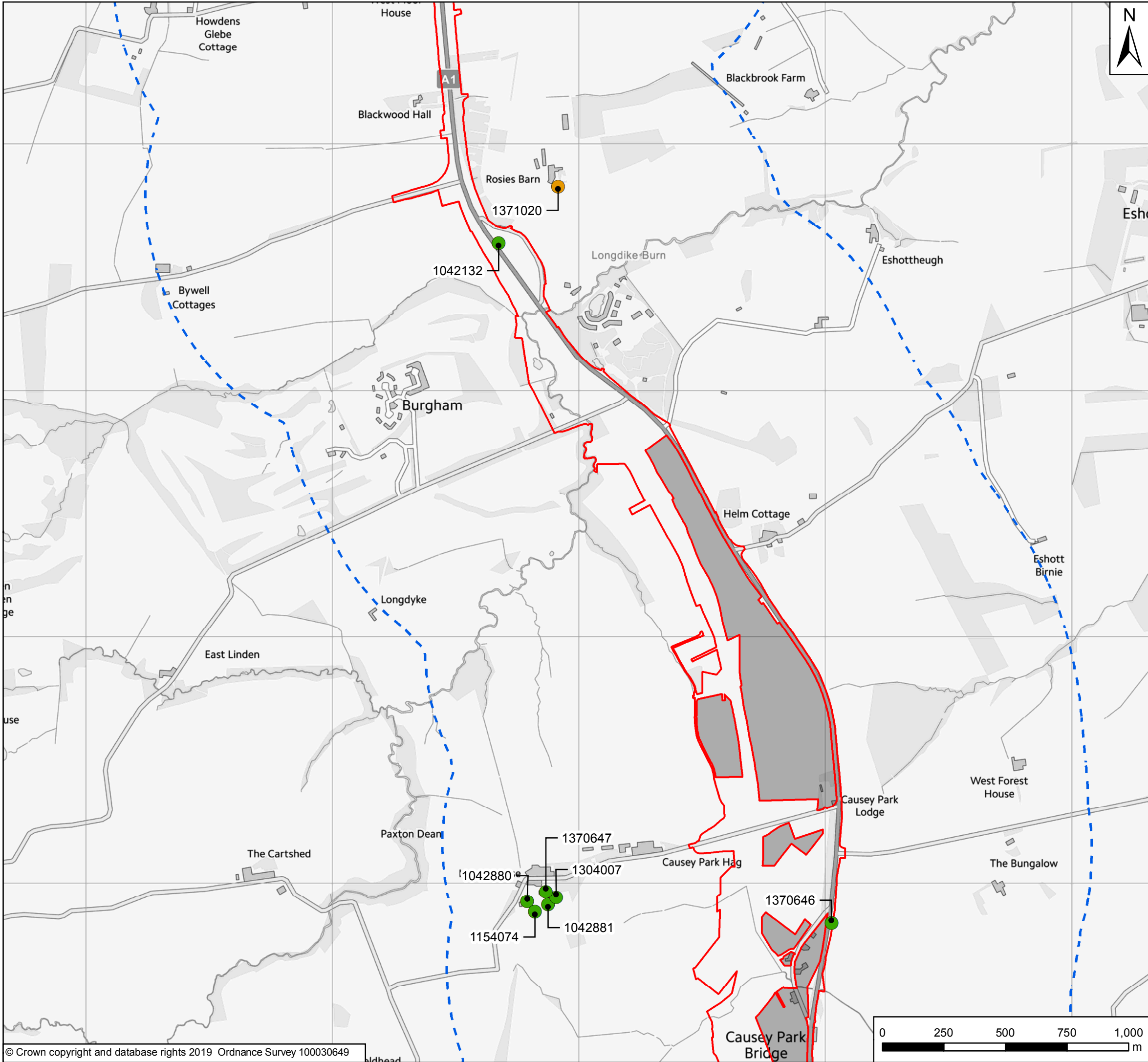
Project Title
A1 in Northumberland: Morpeth to Felton

Drawing Title
Figure 4 Designated Heritage Assets
Part A of the Scheme
Page 2 of 5

Scale 1:15,000	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19

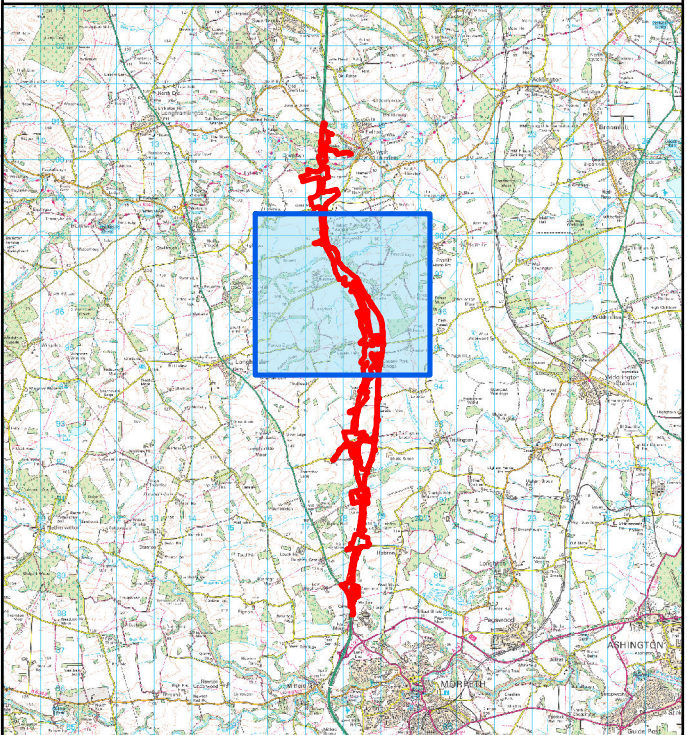
Drawing Status For Information	Suitability S1
-----------------------------------	-------------------

Drawing Number Project HE551459	Originator WSP	Volume 6.2	Project Ref. No. 70044136
M2F Location	Type	Role	Number
			Revision P02

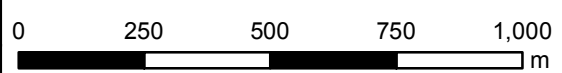


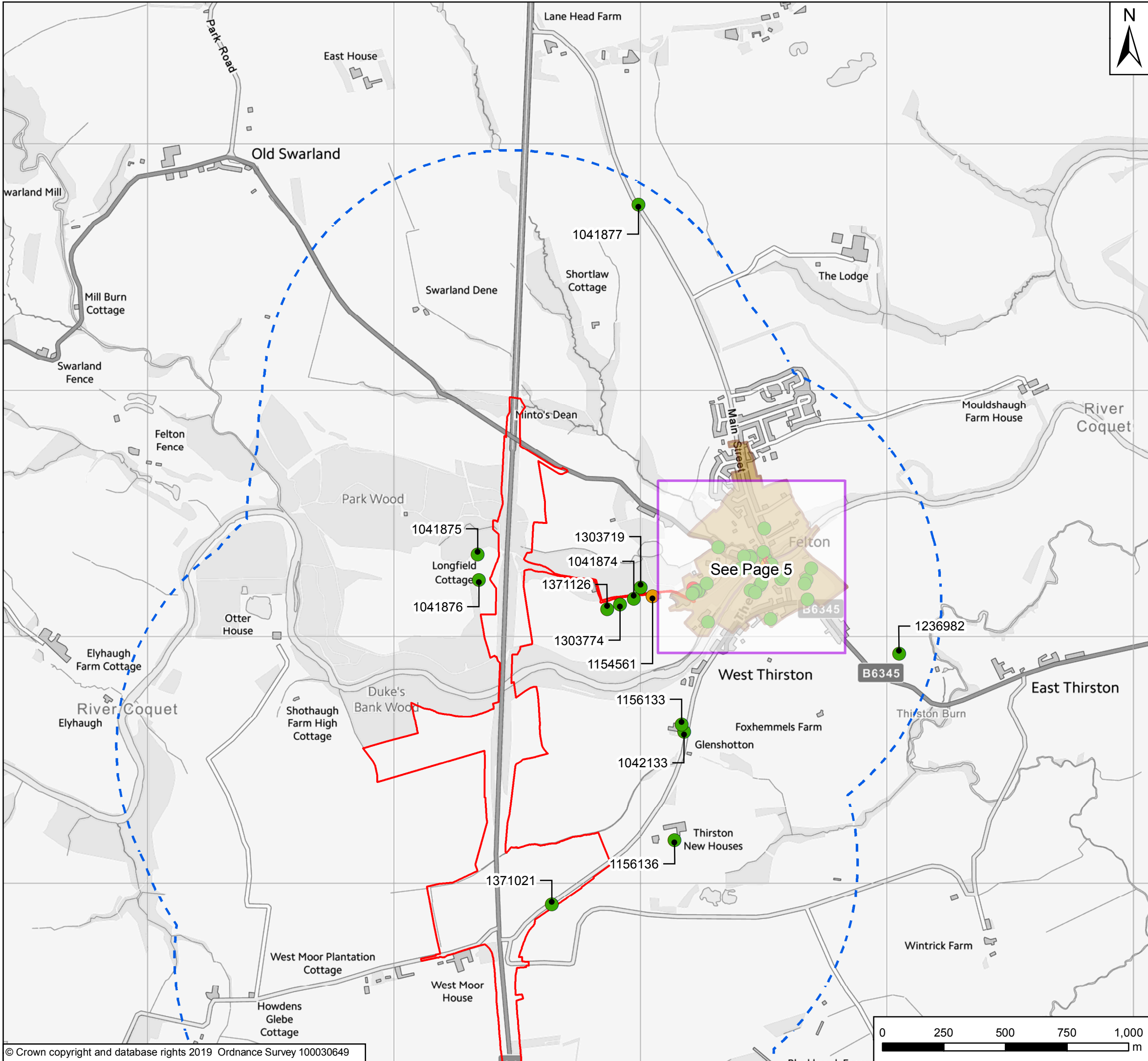
Key

- Order Limits
- Areas Excluded from Order Limits
- 1km Study Area
- Scheduled Monuments
- Conservation Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building



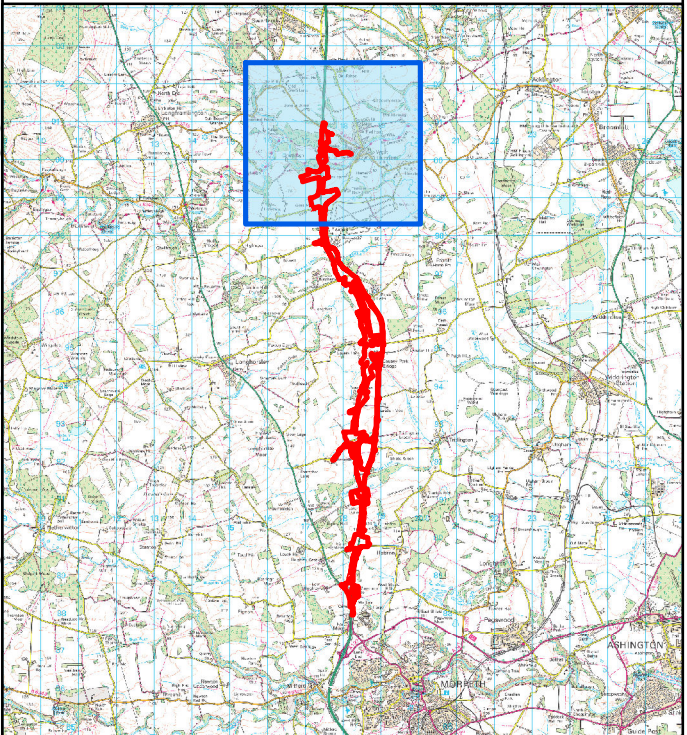
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd
Client					
Project Title					
A1 in Northumberland: Morpeth to Felton					
Drawing Title					
Figure 4 Designated Heritage Assets Part A of the Scheme Page 3 of 5					
Scale	1:15,000	Drawn	GH	Checked	AG
Original Size	A3	Date	04/04/19	Approved	KS
Drawing Status				Suitability	
For Information				S1	
Drawing Number		Originator		Volume	
Project		WSP		6.2	
HE551459				Project Ref. No.	
				70044136	
M2F				Revision	
Location		Type		Role	
				Number	
				P02	





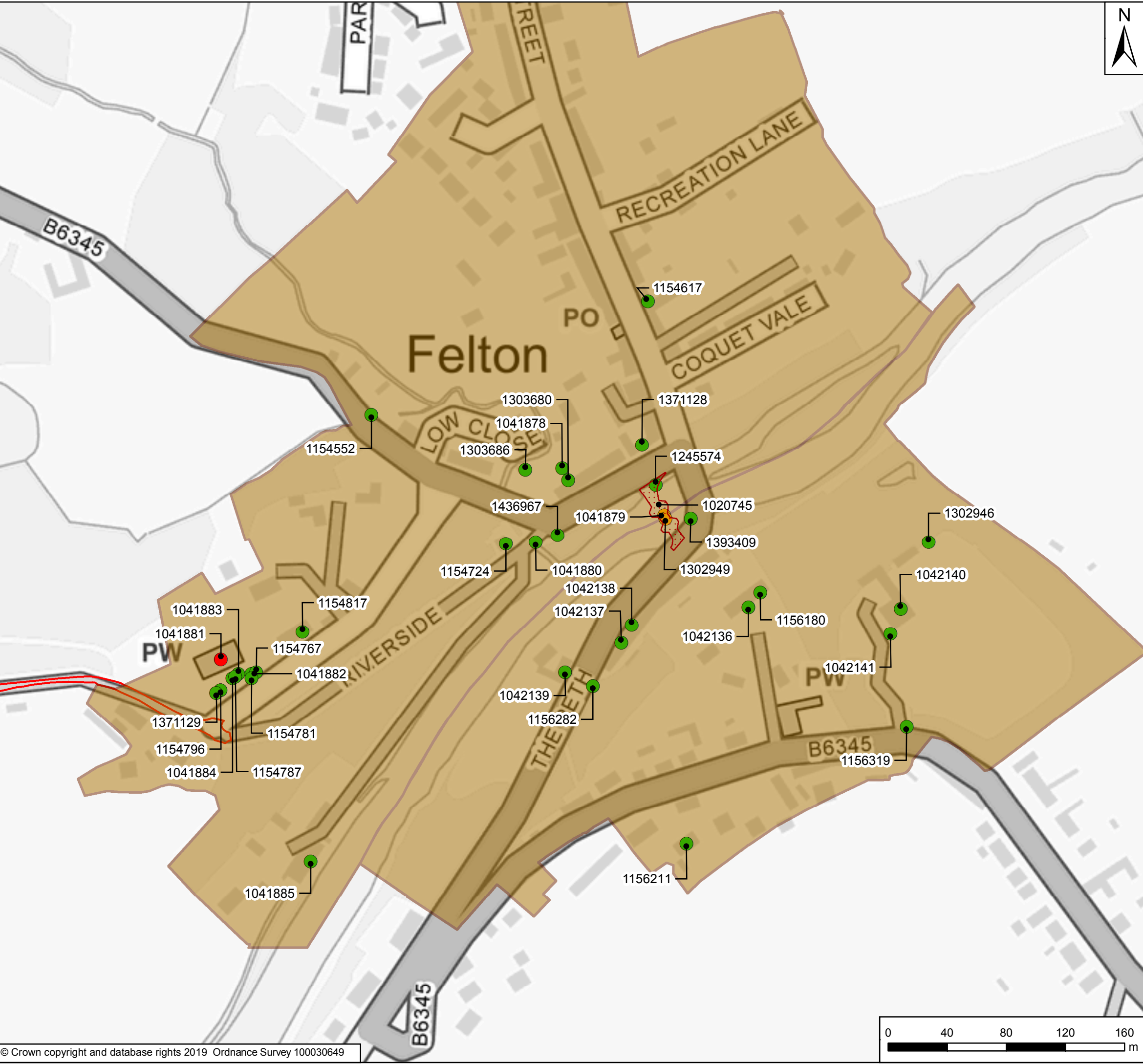
Key

- Order Limits
- Areas Excluded from Order Limits
- 1km Study Area
- Scheduled Monuments
- Conservation Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building



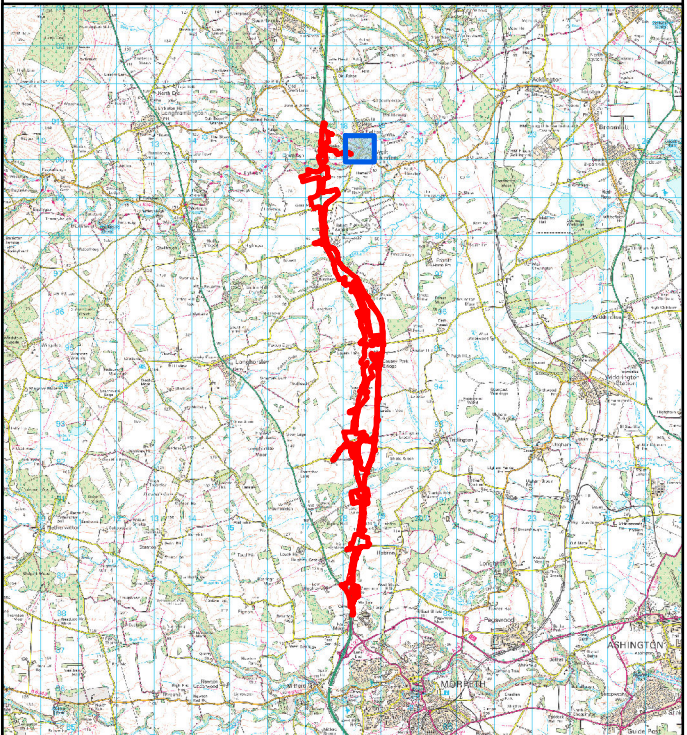
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd
Client					
Project Title					
A1 in Northumberland: Morpeth to Felton					
Drawing Title					
Figure 4 Designated Heritage Assets Part A of the Scheme Page 4 of 5					
Scale	1:15,000	Drawn	GH	Checked	AG
Original Size	A3	Date	04/04/19	Approved	KS
Drawing Status				Suitability	
For Information				S1	
Drawing Number		Originator		Volume	
HE551459		WSP		6.2	
Project		Revision		Project Ref. No.	
M2F		P02		70044136	
Location		Type	Role	Number	

Date Saved: 01/10/2019 10:20:00 User Name: UKGDH001
Document Path: \\uk.wspgroup.com\central data\Projects\700360xx\70036004 - A1 Northumberland\03 Environment\GIS\Environmental Statement_ES Figures Rev P02\Figure 4.1 - Designated Heritage Assets.mxd



Key

- Order Limits
- Areas Excluded from Order Limits
- 1km Study Area
- Scheduled Monuments
- Conservation Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building



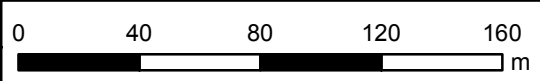
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

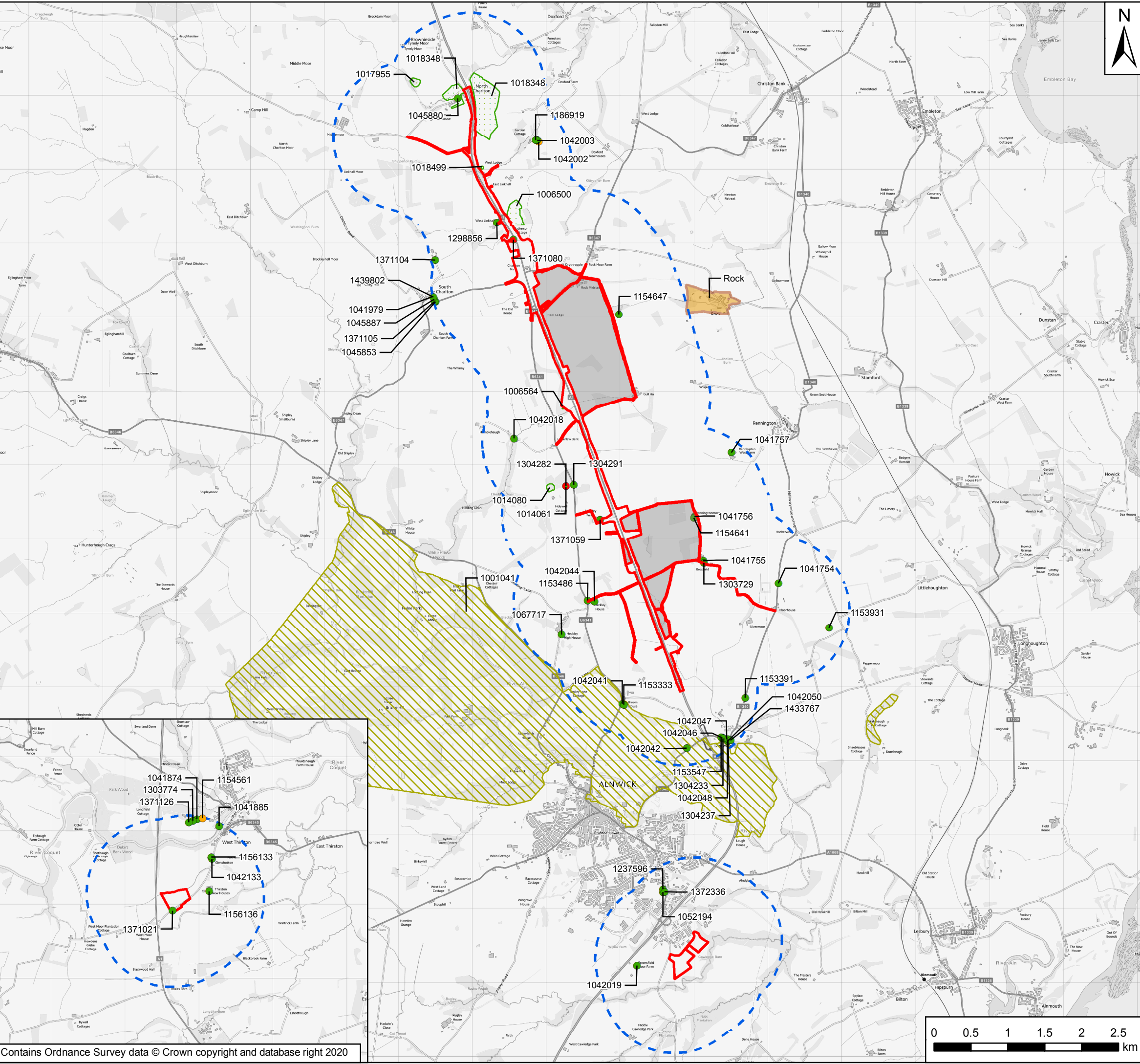
Client

Project Title
A1 in Northumberland: Morpeth to Felton

Drawing Title
Figure 4 Designated Heritage Assets
Part A of the Scheme
Page 5 of 5

Scale 1:2,500	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19
Drawing Status For Information				Suitability S1
Drawing Number Project HE551459		Originator WSP		Project Ref. No. 70044136
M2F Location		Type	Role	Number
				Revision P02





Key

- Order Limits
- Areas Excluded from Order Limits
- 1km Study Area
- Parks and Gardens
- Scheduled Monument

Listed Buildings

- Grade I
- Grade II
- Grade II*
- Conservation Area

P03	11/02/20	Third Issue	GH	AG	KS
P02	10/12/19	Second Issue	GH	LM	KS
P01	31/07/19	First Issue	GH	LM	KS
Rev	Date	Description	By	Chk'd	App'd

Client

Project Title

A1 in Northumberland: Alnwick to Ellingham

Drawing Title

Figure 4 - Designated Heritage Assets within 1km of Part B of the Scheme

Scale	1:50,000	Drawn	GH	Checked	LM	Approved	KS	Authorised	NR
Original Size	A3	Date	31/07/19	Date	31/07/19	Date	31/07/19	Date	31/07/19

Drawing Status

For Information

Drawing Number

HE551459

Project

A2E

Location

Location

Originator

WSP

Type

RP

Volume

EGN

Role

LE

Number

2130

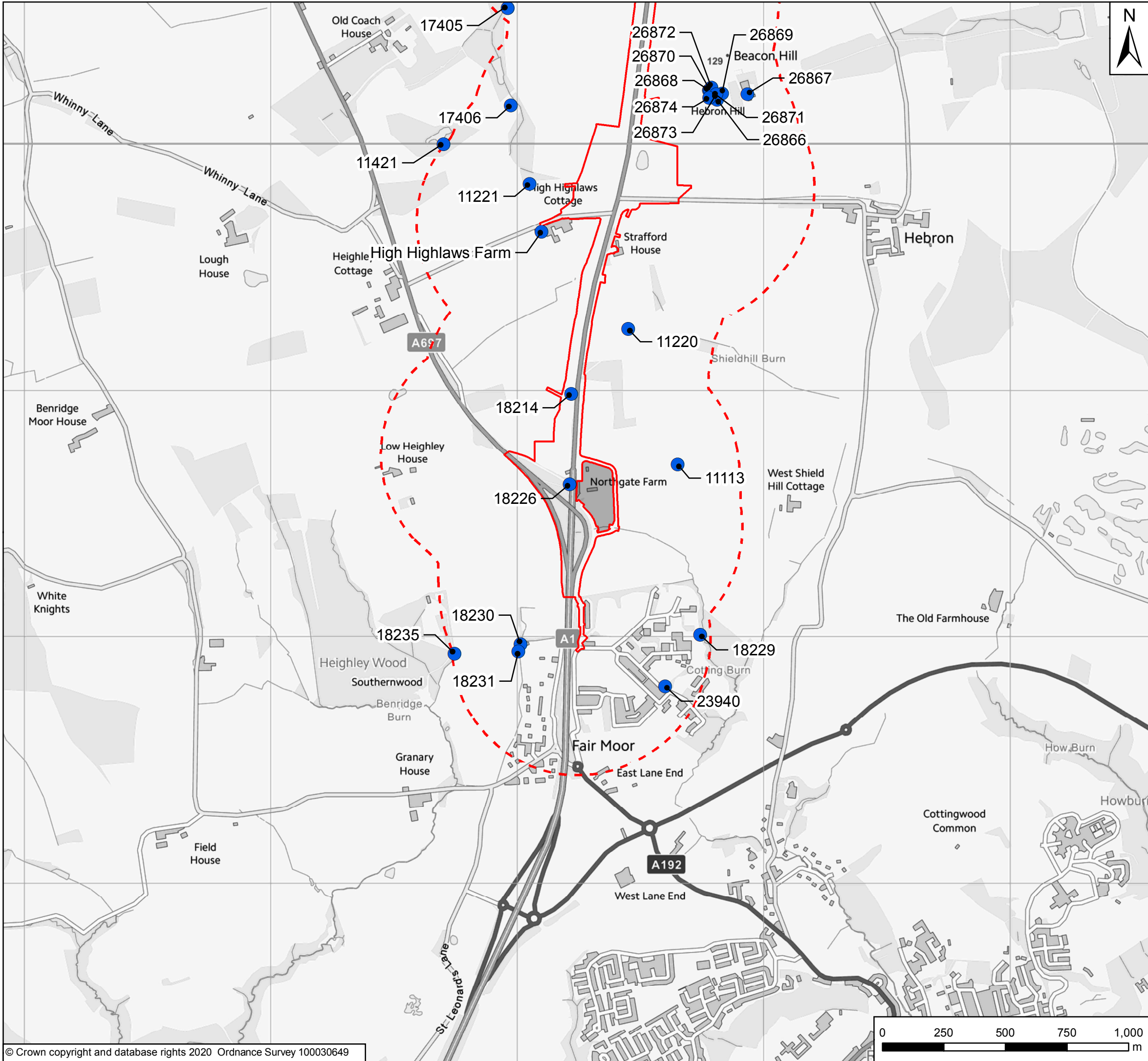
Project Ref. No.

70044137

Revision

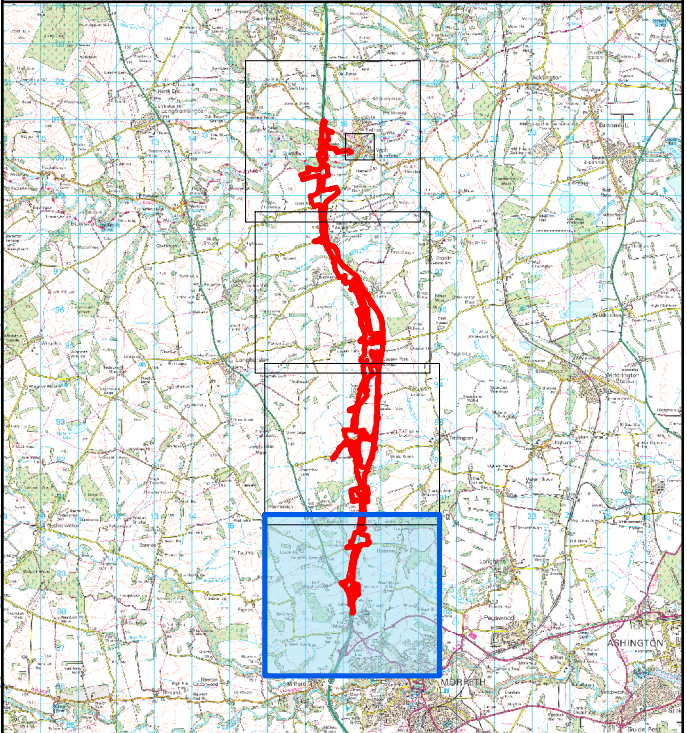
P03

Contains Ordnance Survey data © Crown copyright and database right 2020



Key

- Order Limits
- Areas Excluded from Order Limits
- 500m Study Area
- Non-Designated Heritage Assets



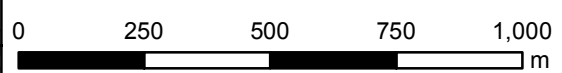
P02	16/01/20	Third Issue	GH	AG	KS
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

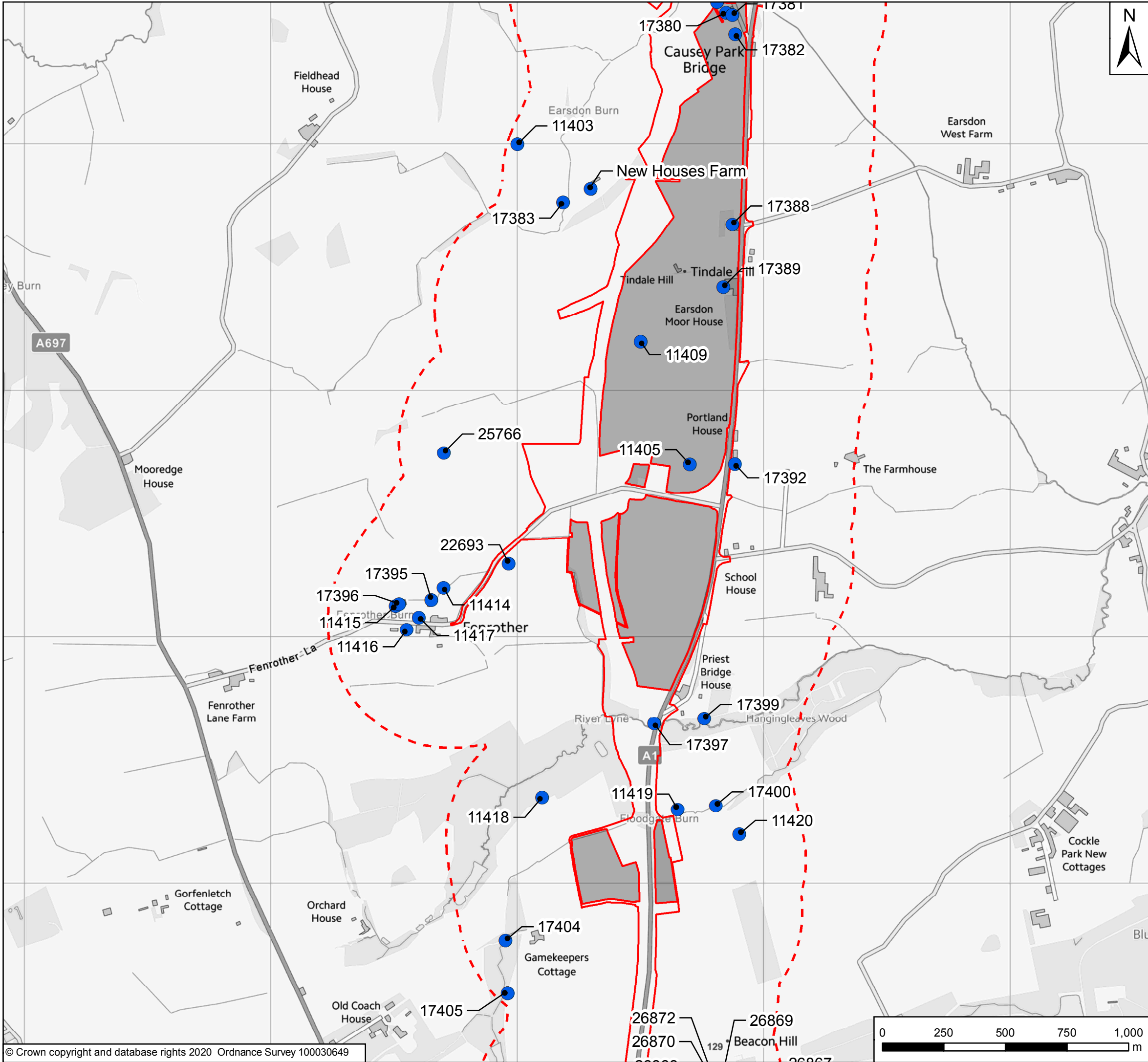
Client

Project Title A1 in Northumberland: Morpeth to Felton

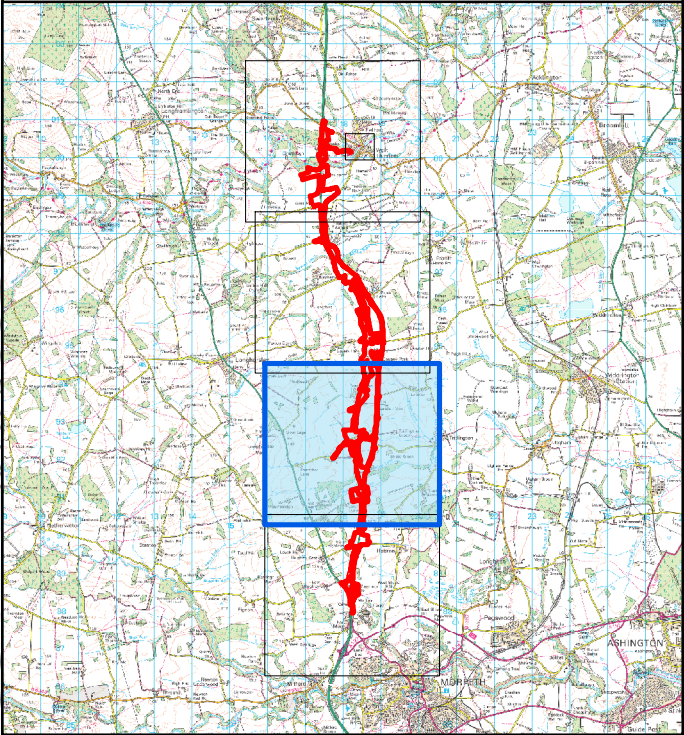
Drawing Title Figure 5 Non-Designated Heritage Assets
Part A of the Scheme
Page 1 of 5

Scale 1:15,000	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19
Drawing Status For Information				Suitability S1
Drawing Number Project HE551459		Originator WSP	Volume 6.2	Project Ref. No. 70044136
M2F Location		Type	Role	Revision P03
		Number		





- Key
- Order Limits
 - Areas Excluded from Order Limits
 - 500m Study Area
 - Non-Designated Heritage Assets



P02	16/01/20	Third Issue	GH	AG	KS
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

Client

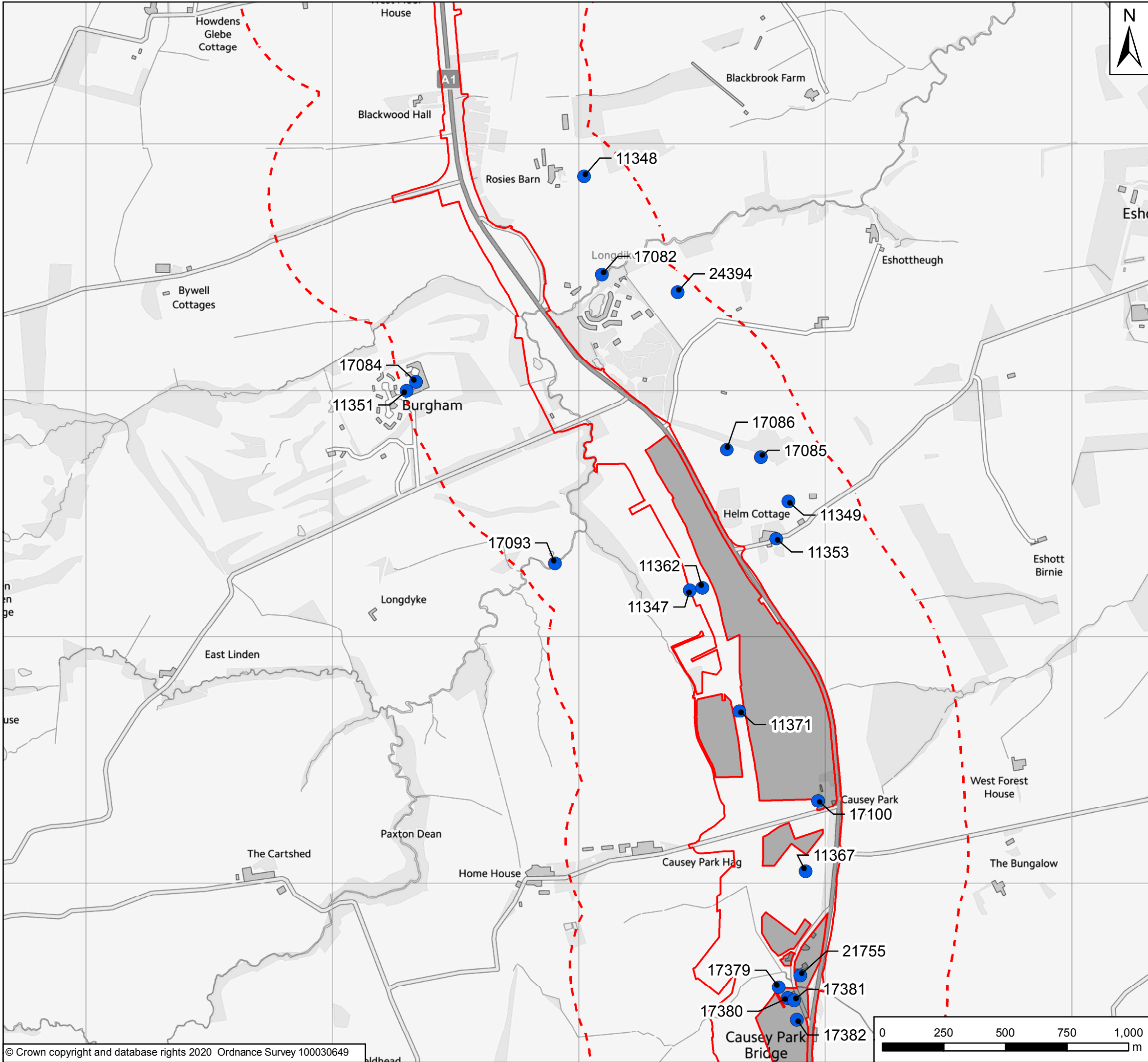
Project Title A1 in Northumberland: Morpeth to Felton

Drawing Title
Figure 5 Non-Designated Heritage Assets
Part A of the Scheme
Page 2 of 5

Scale 1:15,000	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19

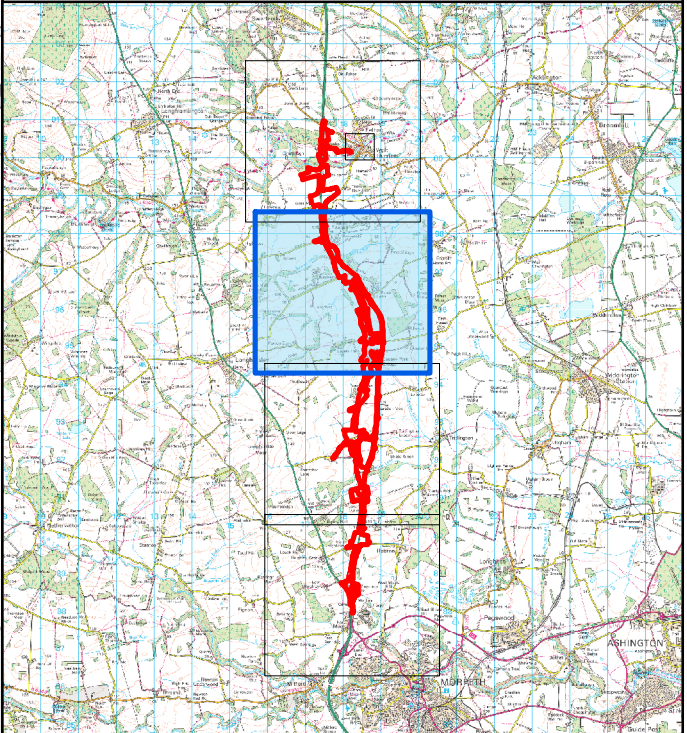
Drawing Status For Information	Suitability S1
-----------------------------------	-------------------

Drawing Number Project HE551459	Originator WSP	Volume 6.2	Project Ref. No. 70044136
M2F Location	Type	Role	Number
			Revision P03

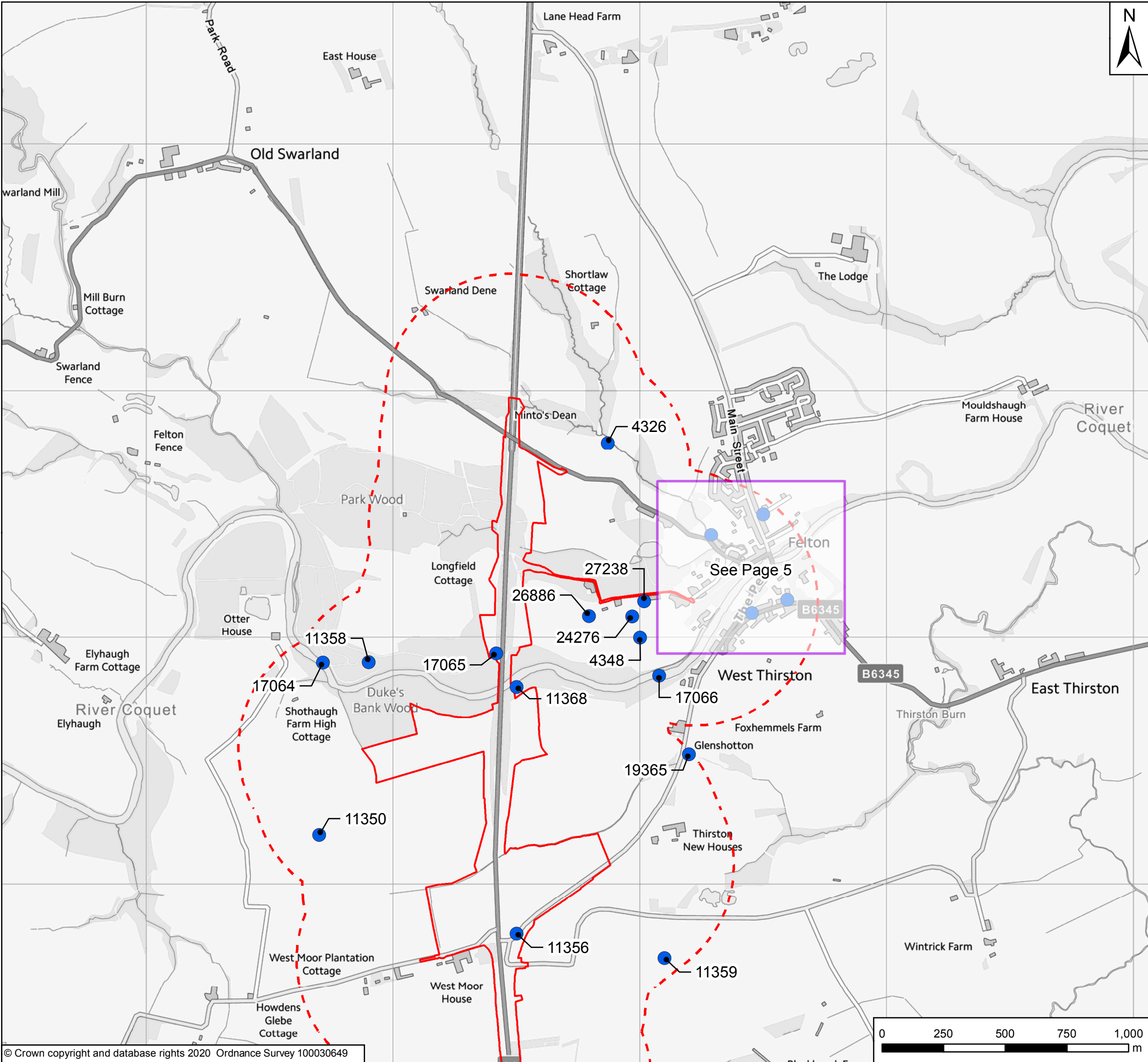


Key

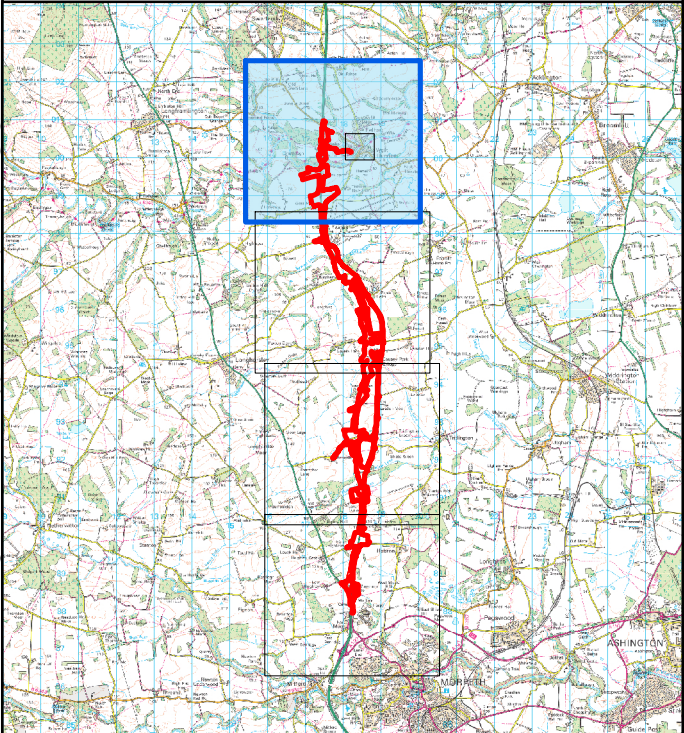
- Order Limits
- Areas Excluded from Order Limits
- 500m Study Area
- Non-Designated Heritage Assets



P02	16/01/20	Third Issue	GH	AG	KS
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd
Client					
Project Title					
A1 in Northumberland: Morpeth to Felton					
Drawing Title					
Figure 5 Non-Designated Heritage Assets Part A of the Scheme Page 3 of 5					
Scale	Drawn	Checked	Approved	Authorised	
1:15,000	GH	AG	KS	DM	
Original Size	Date	Date	Date	Date	
A3	04/04/19	04/04/19	04/04/19	04/04/19	
Drawing Status					Suitability
For Information					S1
Drawing Number		Originator		Volume	
Project		WSP		6.2	
HE551459				Project Ref. No.	
				70044136	
				Revision	
				P03	
M2F		Type	Role	Number	
Location					



Key	
	Order Limits
	Areas Excluded from Order Limits
	500m Study Area
	Non-Designated Heritage Assets



P02	16/01/20	Third Issue	GH	AG	KS
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

Client

Project Title A1 in Northumberland: Morpeth to Felton

Drawing Title
Figure 5 Non-Designated Heritage Assets
Part A of the Scheme
Page 4 of 5

Scale 1:15,000	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19

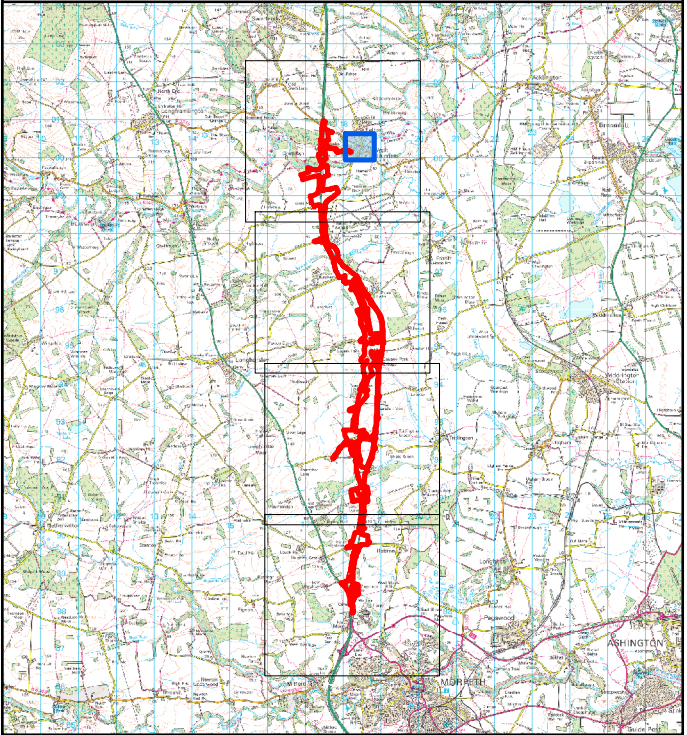
Drawing Status For Information	Suitability S1
-----------------------------------	-------------------

Drawing Number Project HE551459	Originator WSP	Volume 6.2	Project Ref. No. 70044136
M2F Location	Type	Role	Number
			Revision P03



Key

- Order Limits
- Areas Excluded from Order Limits
- 500m Study Area
- Non-Designated Heritage Assets



P02	16/01/20	Third Issue	GH	AG	KS
P02	05/07/19	Second Issue	GH	AG	KS
P01	04/04/19	First Issue	GH	AG	KS
Rev	Date	Description	By	Chk'd	App'd

Client

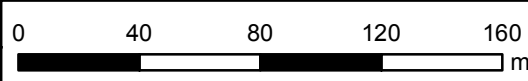
Project Title
A1 in Northumberland: Morpeth to Felton

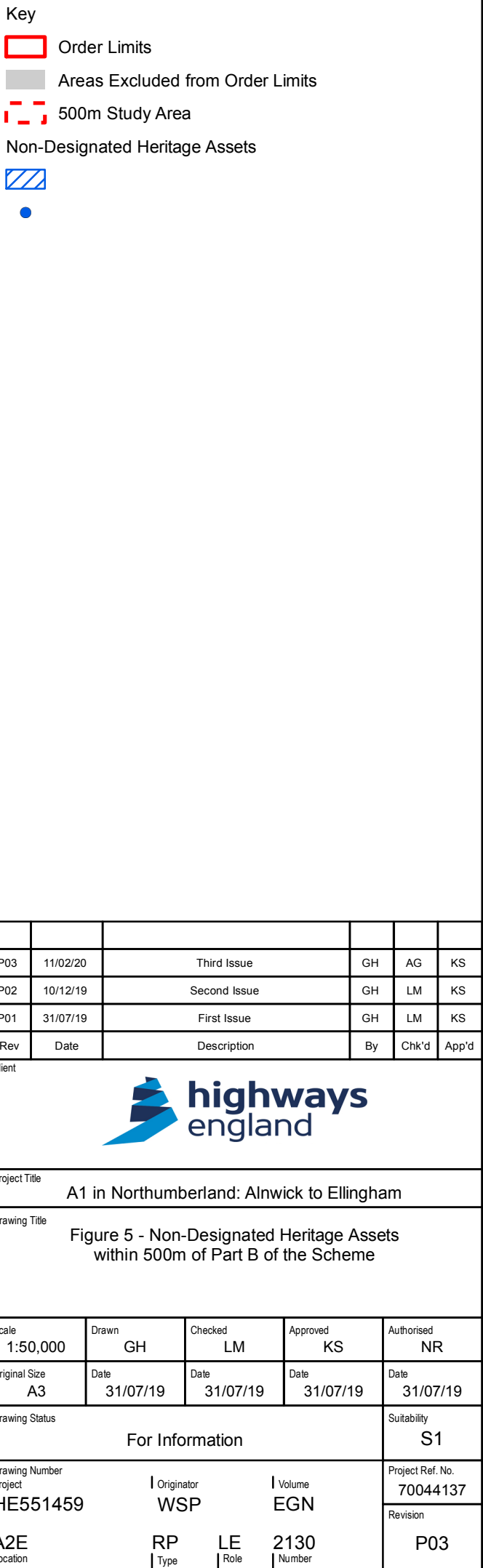
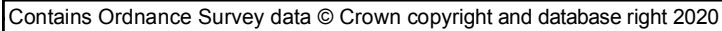
Drawing Title
Figure 5 Non-Designated Heritage Assets
Part A of the Scheme
Page 5 of 5

Scale 1:2,500	Drawn GH	Checked AG	Approved KS	Authorised DM
Original Size A3	Date 04/04/19	Date 04/04/19	Date 04/04/19	Date 04/04/19

Drawing Status For Information	Suitability S1
-----------------------------------	-------------------

Drawing Number Project HE551459	Originator WSP	Volume 6.2	Project Ref. No. 70044136
M2F Location	Type	Role	Number
			Revision P03





M2E – Preliminary Environmental Information Report Appendix C: Summary of Likely Significant Effects

Appendix C

SUMMARY OF LIKELY SIGNIFICANT EFFECTS

Part A of the Scheme - Likely Significant Effects

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
Chapter 5: Air Quality					
No significant adverse or beneficial Air Quality effects have been identified for the construction or operational phase of the Scheme.					
Chapter 6: Noise and Vibration					
No significant adverse or beneficial effects have been identified for the construction phase of the Scheme.					
Decrease in noise levels at 13 locations along the offline section (referred to in Chapter 6: Noise and Vibration as ‘Group 1’)	Operation	None	N/A	Major and Moderate Beneficial	N/A
Decrease in noise levels at Warreners Cottages	Operation	Noise enhancement barrier (PNB1), however due to design constraints the construction of this barrier is not yet confirmed.	N/A (Policy compliance enhancement measure)	Moderate Beneficial (subject to the barrier being constructed)	N/A
Decrease in noise levels at Felmoor Park and Bockenfield Holiday Park	Operation	Noise enhancement barrier (PNB4), however due to design constraints the construction of this barrier is not yet confirmed.	N/A (Policy compliance enhancement measure)	Moderate or Major Beneficial (subject to the barrier being constructed)	N/A
Increase in noise levels at The Cottage	Operation	The noise barrier (PNB2)	DCO Requirements	Major Adverse	N/A
Increase in noise levels at Joiners Cottage	Operation	The noise barrier (PNB2)	DCO Requirements	Moderate Adverse	N/A
Increase in noise levels at New Houses Farm	Operation	The noise barrier (PNB3)	DCO Requirements	Moderate Adverse	N/A
Chapter 7: Landscape and Visual					
Effects on the perception of landscape character in LCA 38b Lowland Rolling Farmland – Longhorsley, 35a Broad Lowland Valley – Coquet Valley and 17 Coquet Valley	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
Effects on the perception of landscape character in LCA 38b Lowland Rolling Farmland – Longhorsley	Operation (Winter Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / Handover Environmental Management Plan (HEMP)	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Local landscape area of the River Coquet bridge	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> - VP 1 - View looking north, along West View - VP 5 – View looking south -west from Public Right of Way (PRoW) (407/018) Beacon Hill - VP 10 - View looking south-west from PRoW (423/002) at The Farmhouse - VP 36 - View looking east from PRoW (423/001) at Fenrother 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> - VP-27 - View looking north-east from Howdens Glebe cottages, off West Moor Road 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
PRoW users subject to adverse visual effects at: <ul style="list-style-type: none"> - VP 3 - View looking north-west towards the start of Coronation Avenue from PRoW (407/010) - VP 5 - View looking south -west from PRoW (407/018) Beacon Hill 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - VP-8 - View looking north-west from PRoW (423/001) at the northern extent of Coronation Avenue - VP-9 - View looking west from south bound bus stop located along existing A1 - VP-10 - View looking south-west from PRoW (423/002) at The Farmhouse - VP-18 - View looking north-west from PRoW (422/020) - VP-19 - View looking north from PRoW (422/020) - VP-20 -View looking south from PRoW (422/020) - VP-23 - View looking north-east from PRoW (115/016) - VP-36 - View looking east from PRoW (423/001) at Fenrother 					
<p>PRoW users subject to adverse visual effects at:</p> <ul style="list-style-type: none"> - VP-4 - View looking west from Hebron Road within the vicinity of the Church of St Cuthbert - VP-6 – View looking north-west from PRoW (407/018) at Beacon Hill - VP-29 - View looking north-east from PRoW (422/012) - VP-32 - View looking south-east from PRoW (423/013) - VP-33 - view looking south-west from PRoW (423/006) - VP-37 - view looking north from PRoW (423/001) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
<p>Users of Long Distance Path:</p> <ul style="list-style-type: none"> - VP-24 - View looking south-east from St Oswald's way 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
		bunds screen views and potential light pollution.			vegetation for the duration of the construction period.
Road users subject to adverse visual effects at: <ul style="list-style-type: none"> - VP 4 - View looking west from Hebron Road within the vicinity of the Church of St Cuthbert - VP 28 - View looking east from PRow (422/011) adjacent to Burgham Park Golf and Leisure Club - VP 31 - View looking east from Causey Park Hag/Causey Park Road 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Road users subject to adverse visual effects at: <ul style="list-style-type: none"> - VP 27 - View looking north-east from Howdens Glebe cottages, off West Moor Road 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> - VP 27 - View looking north-east from Howdens Glebe cottages, off West Moor Road 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Users of PRow subject to adverse visual effects at: <ul style="list-style-type: none"> - VP-4 - View looking west from Hebron Road within the vicinity of the Church of St Cuthbert - VP-5 – View looking south -west from PRow (407/018) Beacon Hill - VP-6 – View looking north-west from PRow (407/018) at Beacon Hill 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - VP-8 - View looking north-west from PRow (423/001) at the northern extent of Coronation Avenue - VP-9 - View looking west from south bound bus stop located along existing A1 - VP-29 - View looking north-east from PRow (422/012) - VP-33 - view looking south-west from PRow (423/006) - VP-36 - View looking east from PRow (423/001) at Fenrother 					
<p>Users of PRow subject to adverse visual effects at:</p> <ul style="list-style-type: none"> - VP-32 - View looking south-east from PRow (423/013) - VP-37 - view looking north from PRow (423/001) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Large Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
<p>Users of Long Distance Path:</p> <ul style="list-style-type: none"> - VP-24 - View looking south-east from St Oswald's way 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
<p>Road users subject to adverse visual effects at:</p> <ul style="list-style-type: none"> - VP-4 - View looking west from Hebron Road within the vicinity of the Church of St Cuthbert - VP-27 - View looking north-east from Howdens Glebe cottages, off West Moor Road - VP-28 - View looking east from PRow (422/011) adjacent to Burgham Park Golf and Leisure Club 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> VP-31 - View looking east from Causey Park Hag/Causey Park Road 					
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> VP-27 - View looking north-east from Howdens Glebe cottages, off West Moor Road 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Users of PRow subject to adverse visual effects at: <ul style="list-style-type: none"> VP-8 - View looking north-west from PRow (423/001) at the northern extent of Coronation Avenue VP-32 - View looking south-east from PRow (423/013) VP-33 - view looking south-west from PRow (423/006) VP-37 - view looking north from PRow (423/001) 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Road users subject to adverse visual effects at: <ul style="list-style-type: none"> VP-27 - View looking north-east from Howdens Glebe cottages, off West Moor Road 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> Longfield Cottage (R9) Thirston New House (R34) Causey Park Lodge (North) (R48) Causey Park Hag (2 properties) (R50) New Build Off Causey Park (R56) Four Gables (R57) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - The Oak Inn (R61) - New Houses Farm (R65) - Portland House (R71) - Welbeck House (2 properties) (R72) - The Old School (1 properties) (R73) - Stonebrook Cottage (4 properties) (R78) - East Fenrother (3 properties) (R79) - High Highlaws Cottage (R94) - High Highlaws (R95) 					
<p>Residential receptors subject to adverse visual effects at:</p> <ul style="list-style-type: none"> - The Cottage (R35) - West Moor House (R36) - West Moorhouse (4 properties) (R37) - Joiners Cottage (R58) - The Bungalow (R59) - Bridge House (R60) - Tindale Hill (R68) - Earsdon Moor Farm (R70) - Strafford House (R93) - Capri Lodge (R96) - Warreners Barns (2 properties) (R97) - Northgate Farm (R98) - Warreners Cottages (2 properties) (R100) - Warreners House (R101) - Warreners House (2) (R102) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
<p>Residential receptors subject to adverse visual effects at:</p> <ul style="list-style-type: none"> - Thirston New House (R34) - Causey Park Lodge (North) (R48) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - Causey Park Hag (2 properties) (R50) - New Build Off Causey Park (R56) - Four Gables (R57) - Portland House (R71) - Welbeck House (2 properties) (R72) - Stonebrook Cottage (4 properties) (R78) - East Fenrother (3 properties) (R79) - Strafford House (R93) - High Highlaws Cottage (R94) 		Document Reference: TR010041/APP/6.2) of this ES).			
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> - The Cottage (R35) - West Moor House (R36) - West Moorhouse (4 properties) (R37) - Joiners Cottage (R58) - The Bungalow (R59) - Bridge House (R60) - Tindale Hill (R68) - Earsdon Moor Farm (R70) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Large Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Residential receptors subject to adverse visual effects at: <ul style="list-style-type: none"> - The Cottage (R35) - West Moor House (R36) - West Moor House (4 properties) (R37) - Joiners Cottage (R58) - The Bungalow (R59) - Tindale Hill (R68) - Earsdon Moor Farm (R70) - Portland House (R71) - Welbeck House (2 properties) (R72) 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
- Strafford House (R93)					
Visual effects on Public Rights of Way (PRoW): - 407/010 Footpath / Bridleway	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Visual effects on PRoW: - 423/001 Footpath - 423/002 Footpath - 423/011 Footpath - 422/020 Footpath - 115/016 Footpath - 407/018 Footpath - 423/006 Footpath - 423/013 Footpath - St Oswald's Way – Regionally Promoted Route	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Visual effects on PRoW: - St Oswald's Way – Regionally Promoted Route	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Visual effects on PRoW: - 423/001 Footpath - 423/013 Footpath - 423/006 Footpath - 407/018 Footpath	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Large Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Visual effects on PRoW: - 423/001 Footpath - 423/006 Footpath - 423/013 Footpath	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
		Document Reference: TR010041/APP/6.2) of this ES).			part of the Scheme through the HEMP, via the CEMP.
Commercial/Community facilities subject to adverse visual effects at: <ul style="list-style-type: none"> - Oak Inn (Public House) - Tritlington Church of England First School - Jackson J K and Sons garage 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Commercial/Community facilities subject to adverse visual effects at: <ul style="list-style-type: none"> - Oak Inn (Public House) - Jackson J K and Sons garage 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Landscape Mitigation Masterplan / Landscape Management Plan / HEMP	Moderate Adverse	Monitoring of the growth and establishment of the planting strategy by The Applicant implemented as part of the Scheme through the HEMP, via the CEMP.
Chapter 8: Cultural Heritage					
Permanent removal or destruction of additional remains associated with findspot of Mesolithic flint	Construction	Preservation through record.	CEMP	Moderate adverse	N/A
Permanent removal or destruction of buried remains associated with the Chapel or Hermitage at Helm (HER 11347)	Construction	Preservation through record.	CEMP	Moderate adverse	N/A
Permanent removal or destruction of Cropmark of rectilinear enclosure (HER 11367), currently unconfirmed below ground archaeological remains to be of Prehistoric, Roman, Early Medieval and Late Medieval date	Construction	Preservation through record.	CEMP	Moderate adverse	N/A
Permanent removal or destruction of currently unknown below-ground heritage	Construction	Preservation through record.	CEMP	Very large adverse	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
assets ranging from the Prehistoric to the Post-Medieval period					
Temporary impacts upon the setting of the asset group within Felton Park	Construction	N/A	N/A	Moderate Adverse	N/A
Temporary impacts upon the setting of Grade II Listed Longfield Cottage (NHL 1041875) and Boundary Stones	Construction	Highlighting the location of the Grade II listed to the construction team. Ensure assets are suitably protected from accidental damage through collision during the course of the construction phase.	CEMP	Moderate Adverse	N/A
Chapter 9: Biodiversity					
Loss of 0.27 ha of ancient woodland associated with the River Coquet and Coquet Valley Woodlands SSSI	Construction	Woodland planting at a 12:1 ratio and associated measures detailed in the Ancient Woodland Strategy (refer to Appendix 9.21: Ancient Woodland Strategy of Volume 3 (Application Document Reference: TR010041/APP/6.3) of this ES). Total of 8.16 ha when combined with below.	DCO Requirements / Ancient Woodland Strategy	Very large adverse	Ancient Woodland Strategy
Loss of 0.41 ha of woodland within the Coquet River Felton Park LWS, treated as ancient woodland	Construction	Woodland planting at a ratio of 12:1 and associated measures detailed in the Ancient Woodland Strategy (refer to Appendix 9.21: Ancient Woodland Strategy of Volume 3 (Application Document Reference: TR010041/APP/6.3) of this ES). Total of 8.16 ha when combined with above.	DCO Requirements / Ancient Woodland Strategy	Moderate adverse	Ancient Woodland Strategy
Provision of more neutral grassland – semi-improved habitat in comparison to that lost; 3.02 ha lost to 40.64 ha created Provision of more broadleaved semi-natural woodland habitat in comparison to that lost; 0.38 ha of woodland lost to 25.3 ha created.	Construction	N/A	Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES) / Landscape Management Plan	Moderate Beneficial	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
No significant adverse or beneficial effects have been identified for the operational phase of the Scheme.					
Chapter 10: Road Drainage and the Water Environment					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme for Road Drainage and the Water Environment.					
Chapter 11: Geology and Soils					
Agricultural land take of approximately 9 ha of Best and Most Versatile land	Operation	N/A	N/A	Moderate adverse	N/A
Agricultural land take of approximately 73 ha of Subgrade 3b	Operation	N/A	N/A	Major adverse	N/A
Chapter 12: People and Communities					
Views from the road during construction	Construction	N/A	N/A	Moderate adverse	N/A
Users of PRowW: <ul style="list-style-type: none">- 407/013- 407/010- 407/018- 423/001- 423/013- 422/002- 422/020- 115/009- 115/013- 115/008- 115/016- 422/011	Construction	Temporary diversions to ensure that some routes remain open and provide safe access for Walking Cyclists and Horse-riders (WCH). Consultation regarding the diversions with affected individuals, groups, and Northumberland County Council (NCC).	Construction Traffic Management Plan (CTMP) CEMP	Moderate adverse	N/A
Users of PRowWs which would be stopped-up <ul style="list-style-type: none">- 423/006	Construction	N/A	N/A	Moderate adverse	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
- 423/007					
- Users of PRow 423/001	Operation	Permanent diversions to ensure that some routes remain open and provide safe access for WCH.	CTMP CEMP	Moderate adverse	N/A
Recreational users of the River Coquet	Construction	Inform the public and community groups of the nature, timing and duration construction activities. Directions at the appropriate places would be provided for alternative access points or routes.	CEMP	Moderate adverse	N/A
Rural enterprise – Clarehugh	Construction	Engage in early consultation with landowners to maintain access and minimise the impact on farm and diversified rural businesses during construction. Returning temporarily required land to the landowner upon completion.	CEMP CTMP	Moderate Adverse	N/A
Rural enterprise – Hemelspeth Farm	Construction	N/A	N/A	Moderate Adverse	N/A
Rural enterprise – Causey Park	Construction	Access provision or cattle handling facilities to land severed to the east of the Scheme. Access provision during construction for farm and all additional enterprises and commercial lets. Accommodation works have been included in the Landscape Mitigation Masterplan to reduce impact to New Houses farmstead.	CTMP Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES).	Moderate Adverse	N/A
Rural enterprise – ‘Farm C’	Construction and operation	N/A	N/A	Moderate Adverse	N/A
Rural enterprise – Clarehugh	Operation	Deliver mitigation strategy as per the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application	Landscape Mitigation Masterplan	Moderate Adverse	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
		Document Reference: TR010041/APP/6.2) of this ES).			
Rural enterprise – Hemelspeth Farm	Operation	N/A	N/A	Moderate Adverse	N/A
Rural enterprise – Causey Park	Operation	Access provision or cattle handling facilities to land severed to the east of the Scheme. Access provision once operational for farm and all additional enterprises and commercial lets. Accommodation works have been included in the Landscape Mitigation Masterplan (refer to Figure 7.8: Landscape Mitigation Masterplan of Volume 2 (Application Document Reference: TR010041/APP/6.2) of this ES) to reduce impact to New Houses farmstead.	CTMP Landscape Mitigation Masterplan	Moderate Adverse	N/A
Rural enterprise – ‘Farm C’	Operation	N/A	N/A	Moderate Adverse	N/A
Demolition of North Gate House	Construction	Compensation has been agreed as part of the Scheme with the occupiers of North Gate House.	N/A	Moderate Adverse	N/A
Chapter 13: Material Resources					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme for Material Resources					
Chapter 14: Climate					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme for Climate.					
Chapter 15 Cumulative					
Combined effects upon residential receptors	Construction	None	N/A	Moderate Adverse	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Environmental Effect	Monitoring Requirements
Combined effects upon users of footpaths and PRow	Construction	None	N/A	Moderate Adverse	N/A
Combined effects upon residential receptors	Operation	None	N/A	Moderate Adverse	N/A
Combined effects upon users of footpaths and PRow	Operation	None	N/A	Moderate Adverse	N/A
Combined effects upon Tritlington Church of England Aided First School	Construction	None	N/A	Moderate Adverse	N/A

Part B of the Scheme - Likely Significant Effects

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
Chapter 5: Air Quality					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme.					
Chapter 6: Noise and Vibration					
Construction vibration experienced by sensitive receptors located within proximity to heavy construction works such as piling and road construction using vibratory rollers.	Construction	Vibration monitoring and implementation of environmental management controls Best practice mitigation set out within the Outline CEMP (Application Document Reference: TR010053/APP/7.6). And listed within Appendix 6.9: Construction Noise and Vibration Mitigation Clauses, Volume 3 of this ES (Application Document Reference: TR010053/APP/6.3). Wherever practicable, substitution of vibration generative activities with alternatives that generate less vibration.	CEMP	Potential for Major Adverse D / T / ST	Close monitoring to ensure vibration effects are minimised.
Decrease in road traffic noise to sensitive receptors within the operational noise Study Area.	Operation	Application of Low Noise Road Surfacing along the full length of the Scheme.	CEMP	Major to Slight Beneficial D / P / LT	N/A
Chapter 7: Landscape and Visual					
Landscape character subject to adverse effects (refer to Appendix 7.4: Landscape Effects Schedule, Volume 3 of this ES (Application Document Reference: TR010053/APP/APP/6.3)): <ul style="list-style-type: none">- 8c Charlton Ridge Landscape Character Area (LCA)- 6 North East Farmed Coastal Plan LCA	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation and soil quality for further planting. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan of Volume 2 of this ES	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil	CEMP	Moderate Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
(Application Document Reference: TR010053/APP/APP/6.2)): <ul style="list-style-type: none"> - People living in properties with north east facing views (Receptors 1 & 2) - People living in properties with western facing views (Receptor 9) - People living in properties with filtered western facing views (Receptors 11 & 14) - People living in properties with close proximity views (Receptor 12) - People living in properties with close proximity south western facing views (Receptors 15 & 16) - People living in properties with south eastern facing views (Receptor 17). 		bunds screen views and potential light pollution.			
Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)): <ul style="list-style-type: none"> - People living in properties with eastern facing views (Receptors 3, 4, 5 & 8) - People living in properties with close proximity eastern facing views (Receptors 6, 7 & 10) - People living in properties with close proximity western facing views (Receptor 13) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
Recreational receptors travelling along PRow subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan of Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)): <ul style="list-style-type: none"> - People travelling along Public Right of Way (PRow) 112/008 and PRow 112/009 (Receptors 25 & 26) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - People travelling along PRow 110/013 (Receptor 33) - People travelling along PRow 129/006 (Receptor 36). 					
<p>Recreational receptors travelling along PRow subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People travelling along PRow 129/004 (Receptor 27) - People travelling along PRow 129/005 (Receptor 28) - People travelling along PRow 141/013 and PRow 141/002 (Receptors 42 & 43) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Large Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
<p>Road users subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People travelling along main roads (Receptor 37) 	Construction	Manage construction activities: avoid unnecessary loss of vegetation outside working area and protect retained vegetation. Arrange compound so that temporary soil bunds screen views and potential light pollution.	CEMP	Moderate Adverse D / T / ST	Main contractor to identify and monitor protection measures for retained vegetation for the duration of the construction period.
<p>Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People living in properties with north east facing views (Receptors 1 & 2) - People living in properties with western facing views (Receptor 9) - People living in properties with filtered western facing views (Receptor 11 & 14) - People living in properties with close proximity views (Receptor 12) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / Handover Environmental Management Plan (HEMP)	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - People living in properties with close proximity western facing views (Receptor 13) - People living in properties with close proximity south western facing views (Receptors 15 & 16) 					
<p>Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People living in properties with eastern facing views (Receptors 3, 4, 5 & 8) - People living in properties with close proximity eastern facing views (Receptors 6, 7 & 10) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Large Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
<p>Recreational receptors travelling along PRow subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People travelling along PRow 112/008 and PRow 112/009 (Receptors 25 & 26) - People travelling along PRow 129/004 (Receptor 27) - People travelling along PRow 129/005 (Receptor 28) 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
<p>Road users subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)):</p> <ul style="list-style-type: none"> - People travelling along main roads (Receptor 37). 	Operation (Year 1)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)): <ul style="list-style-type: none"> People living in properties with eastern facing views (Receptors 3, 4, 5 & 8) 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
Residential receptors subject to adverse visual effects (refer to Figure 7.2: Visual Receptor Plan, Volume 2 of this ES (Application Document Reference: TR010053/APP/APP/6.2)): <ul style="list-style-type: none"> People living in properties with close proximity eastern facing views (Receptors 6, 7 & 10) 	Operation (Year 15)	Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)).	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
Chapter 8: Cultural Heritage					
Permanent and irreversible loss of below ground heritage assets: <ul style="list-style-type: none"> Bronze Age cist burials (HER 5023) Additional remains associated with findspot of two Neolithic or Bronze Age flint flakes (HER 5062) Earthworks east of Heckley House (WSP 016) Potential archaeological remains dating from the prehistoric, Romano-British, Early Medieval, Medieval and Late Medieval periods 	Construction	a) Preservation through record.	CEMP	Moderate Adverse D / P / LT	N/A
Permanent and irreversible loss of below ground heritage assets: <ul style="list-style-type: none"> Potential archaeological remains of very high importance 	Construction	b) Preservation through record.	CEMP	Very Large Adverse D / P / LT	N/A
Permanent and irreversible loss of below ground heritage assets:	Construction	c) Preservation through record.	CEMP	Large Adverse D / P / LT	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
- Potential archaeological remains of high importance					
Change in setting of heritage assets: <ul style="list-style-type: none">- Grade II listed Heckley House (NHLE 1042044)- Grade II listed Dovecote (NHLE 1371059)- Grade II listed Patterson Cottage (NHLE 1371080)- Grade II listed West Linkhall Farmhouse (NHLE 1298856)- Scheduled Monument Camp at West Linkhall (NHLE 1006500)	Construction	d) Best practice measures are set out in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) would manage working in proximity to designated assets.	CEMP	Moderate Adverse D / T / ST	N/A
Change in setting of heritage asset: <ul style="list-style-type: none">- Grade II listed Dovecote (NHLE 1371059)	Operation	e) Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)) .	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
Chapter 9: Biodiversity					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme.					
Chapter 10: Road Drainage and the Water Environment					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme.					
Chapter 11: Geology and Soils					
Permanent loss of best and most versatile (BMV) agricultural land	Construction	N/A	N/A	Moderate to Large Adverse D / P / LT	N/A
Chapter 12: Population and Human Health					

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
PRowS closed or diverted during the construction period: <ul style="list-style-type: none"> - 110/004 - 129/014 - 129/022 - 110/019 - 110/003 - 129/009 - 129/004 - 129/005 	Construction	Diversions to ensure that some routes remain open and provide safe access for Walking, Cyclists and Horse-riders (WCH).	Construction Traffic Management Plan (CTMP) (Application Document Reference: TR010053/APP/7.7) / CEMP	Moderate Adverse D / T-P / ST-LT	N/A
PRowS permanently diverted or amended during the operation period: <ul style="list-style-type: none"> - 110/004 - 129/014 - 110/013 - 110/019 - 110/003 	Operation	Permanent diversions to ensure that some routes remain open and provide safe access for WCH.	CTMP (Application Document Reference: TR010053/APP/7.7) / CEMP	Moderate Adverse D / P / LT	N/A
Effects on WCH users from longer routes if utilising the PRow network both to the east and west of the Scheme.	Operation	Best practice design with regards to safety for WCH. Deliver mitigation strategy as per the Landscape Mitigation Plan (Figure 7.10, Volume 2 of this ES (Application Document Reference: TR010053/APP/6.2)) to improve amenity.	Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / T / LT	Monitoring of the growth and establishment of the planting strategy by the Applicant implemented as part of the Scheme through the HEMP, via the CEMP, and as a requirement in the DCO.
Upgrades proposed to the existing PRow 129/005	Operation	N/A	N/A	Moderate Beneficial D / P / LT	N/A
Temporary land take from Charlton Mires Farm for construction compound.	Construction	Compensation has been agreed as part of the Scheme with the occupiers of Charlton Mires Farm.	N/A	Moderate Adverse D / P / LT	N/A
Permanent land take and loss of residence and farm buildings from Charlton Mires Farm	Construction	Compensation has been agreed as part of the Scheme with the occupiers of Charlton Mires Farm.	N/A	Large Adverse D / P / LT	N/A
Permanent land take and loss of residence from East Cottage	Construction	Compensation has been agreed as part of the Scheme with the occupiers of East Cottage.	N/A	Very Large Adverse	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
				D / P / LT	
Chapter 13: Material Resources					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme.					
Chapter 14: Climate					
No significant adverse or beneficial effects have been identified for the construction or operational phase of the Scheme.					
Chapter 15: Cumulative					
Combined effects upon residents	Construction	Mitigation measures relating to potential effects on residents are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .	CEMP	Large Adverse D-ID / T-P / ST-LT	Monitoring measures relating to potential effects on residents are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .
Combined effects on road users	Construction	Mitigation measures relating to potential effects on road users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .	CEMP	Moderate Adverse D-ID / T / ST	Monitoring measures relating to potential effects on road users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .
Combined effects upon users of PRow (WCH)	Construction	Mitigation measures relating to potential effects on PRow users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .	CEMP	Large Adverse D / T-P / ST-LT	Monitoring measures relating to potential effects on PRow users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .
Combined effects upon BMV agricultural land and associated rural enterprises:	Construction	Mitigation measures relating to potential effects on agricultural land and rural enterprises are set out in the respective	N/A	Very Large Adverse D / T-P / SH-LT	N/A

Description of Effect	Construction / Operation	Proposed Mitigation	Mitigation Delivery Mechanism	Significance of Residual Environmental Effect	Monitoring Requirements
<ul style="list-style-type: none"> - Charlton Mires Farm - East Cottage 		technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .			
Combined effects upon residential receptors within 200 m of the Order Limits	Operation	Mitigation measures relating to potential effects on commercial properties are set out in the respective technical Chapters 5 to 15 a and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .	CEMP / Landscape Mitigation Plan / Landscape Management Plan / HEMP	Major Beneficial to Moderate Adverse D / P / LT	Monitoring measures relating to potential effects on commercial properties are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .
Combined effects upon users of PRow (WCH)	Operation	Mitigation measures relating to potential effects on PRow users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .	CEMP / Landscape Mitigation Plan / Landscape Management Plan / HEMP	Moderate Adverse D / P / LT	Monitoring measures relating to potential effects on PRow users are set out in the respective technical Chapters 5 to 15 and presented in the Outline CEMP (Application Document Reference: TR010053/APP/7.6) .

Key to table:

P / T = Permanent or Temporary; D / I = Direct or Indirect; ST / MT / LT = Short-Term, Medium-Term or Long-Term; N/A = Not Applicable

© Crown copyright 2020.

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

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

write to the **Information Policy Team, The National Archives,**

Kew, London TW9 4DU, or email

psi@nationalarchives.gsi.gov.uk.

This document is also available on our website at www.gov.uk/highways

If you have any enquiries about this document A1inNorthumberland@highwaysengland.co.uk or call **0300 470 4580***.

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls.

These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

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

Highways England Company Limited registered in England and Wales number 09346363