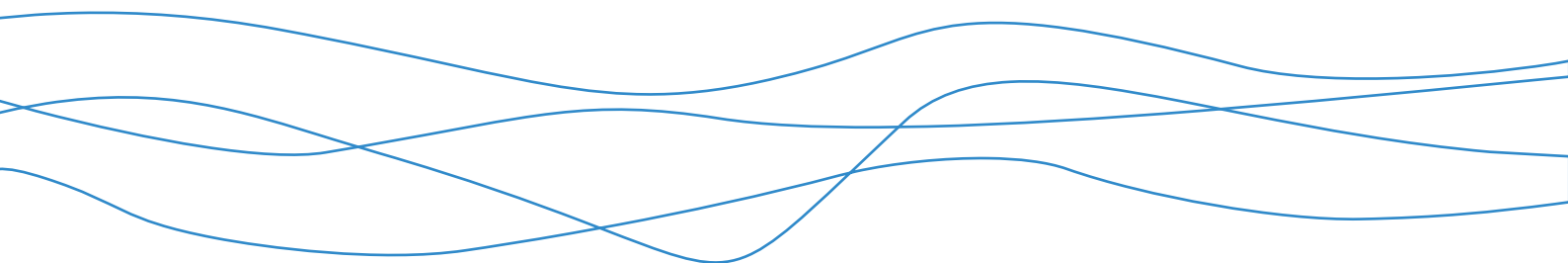




# **Bowdun Offshore Wind Farm, Onshore EIA Report**

Volume 2, Appendix 9.2: Assessment of Non-Significant Cultural Heritage Effects

TWP-BOW-JCB-ONE-RPT-00005 | November 2025



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## **1 Introduction**

- 1.1.1 This Cultural Heritage Technical Appendix presents the non-significant effects, additional mitigation measures (where applicable), and residual effects for heritage assets. An assessment of effects of Moderate significance and above (considered a 'significant' effect in terms of the EIA Regulations) are presented in Volume 1, Chapter 9: Cultural Heritage.
- 1.1.2 Please refer to Volume 1, Chapter 9: Cultural Heritage for the approach to assessment of sensitivity, magnitude and significance of effect.
- 1.1.3 Cultural Heritage baseline information, including the assessment of sensitivity of heritage assets, is provided in Volume 2, Appendix 9.1: Historic Environment Desk-Based Assessment and the locations of heritage assets included in the Cultural Heritage baseline are shown on Figures 9.1 (Archaeological Remains and Historic Buildings) and 9.2 (Historic Landscape Types (HLTs)) in Volume 1, Chapter 9: Cultural Heritage.
- 1.1.4 An assessment of non-significant effects on heritage assets during construction is presented in Tables 1.1 – 1.3. An assessment of non-significant effects on heritage assets during operation is presented in Tables 1.4 – 1.6. Please refer to Volume 1, Chapter 9: Cultural Heritage for information on embedded mitigation.

**Table 1.1: Non-significant effects on archaeological remains during construction**

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
1	Soar, North Sea	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, no works are proposed in the location of this heritage asset and therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
2	Freia: North Sea	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
3	Mercur: Gourdon, North Sea	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
4	Possible Shipwreck, Haugh's Bay	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, no works are proposed in the location of this heritage asset and therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
6	Nether Benholm, Cropmark	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
8	Couts Rocks, Shipwreck Timbers	None	Medium	-	-	While this heritage asset is partially located within the PPP Application Boundary, no works are proposed in the location of this heritage asset and therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
12	Middle Knox, Boundary	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
17	Middle Knox Quarry	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (located immediately to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
25	Upper Knox Field Boundary	None	Low	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove a small portion (c.50 m) of this heritage asset.	Slight	Minor	Archaeological monitoring during construction (CH12)	Negligible	Negligible

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
26	Temple Hill Quarry	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
27	Annie's Den, Rig and Furrow	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 10 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
28	Dendoldrum Hill, Boundary Stone	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 123 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
29	Annie's Dam (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
30	Knox Hill, Boundary Stone	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 33 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
31	Three Wells Field Boundary	None	Low	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove a small portion (c.50 m) of this heritage asset.	Slight	Minor	Archaeological monitoring during construction (CH12)	Negligible	Negligible
32	Anniston, Ring Ditch	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 187 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
33	Anniston, Cropmarks	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
34	Three Wells Quarry	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 120 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
36	Three Wells, Ring Ditch	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
37	Dendoldrum Quarry	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
38	Magyis Cotlach	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
39	Peattie, Cropmarks	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
40	Peattie Burn Cropmarks	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
41	Peattie, Clearace Cairns	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
42	Hallgreen Wood Possible Structure	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
43	Peattie, Lithic Working Site	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
45	Peattie Possible Building (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
48	Will's Wood Enclosure	None	Medium	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 100 m to the north of the 50 m Construction Corridor) and no works are proposed in	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.					
49	Will's Wood	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
51	Hareden Wood, 'Rock Shelter'	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
52	Bervie Water Cropmark	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
55	Kirkton, Cup and Ring Marked Stone	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
56	Castle Dykes, Kirkton	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
57	Chapel Croft Possible Field System	None	Low	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove a small portion of this heritage asset.	Slight	Minor	Archaeological excavation informed by archaeological geophysical survey and archaeological trial trenching in advance of construction (CH10)	Negligible	Negligible
59	Kirkton, Chapel & Well (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
60	Kirkton Wood, Mill Pond (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
61	Cot Hillock, Cairn	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
62	Pitcarles, Lithic Working Site	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
64	Pitcarles, Arrowhead (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
66	Candle Hillock Field Boundaries	None	Low	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove approximately half of this heritage asset.	Moderate	Minor	Archaeological monitoring during construction (CH12)	Negligible	Negligible
68	Puttyburn	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 8 m to the north-east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
69	Burn of Pitcarles Field System	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
70	Puttyburn Cropmark	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 96 m to the north-east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
72	Hillhead, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
74	Nether Craighill, Axe and Flints (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
75	Reisk Croft (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
77	Muirside Mill Lead	None	Low	Permanent	Adverse	Construction of the Temporary Access Track in this location would permanently remove a small portion (c.25 m) of this heritage asset.	Slight	Minor	Archaeological earthwork survey (Level 2) prior to construction. Archaeological monitoring during	Negligible	Negligible

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
									construction (CH13)		
78	Gyratsmyre, Carved Stone Ball (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
79	Hill Of Gyratsmyre, Cropmarks (1)	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
80	Gyrasmyre, House (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
81	Hill Of Gyratsmyre, Cropmarks (2)	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
82	Gyratsmyre, Arrowhead (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
84	Brinzieshill Cropmarks	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 33 m to the north-east of the HDD for the crossing of the <u>Shell Pipeline/Fortes Pipeline</u> ) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
85	Forthie Water Possible Enclosures	None	Medium	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove a small portion of this heritage asset.	Slight	Minor	Archaeological excavation informed by archaeological geophysical survey and archaeological trial trenching in advance of construction (CH10)	Negligible	Negligible
86	Pade O'France, Battle (Site of)	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
87	Pade O'France, Cropmarks	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
88	Menmuir - Northwards, Road (Site of)	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
90	Candy, Carved Stone	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
96	Drumlithie, Stanley Cottage Roman Coin (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
101	Drumlithie, Chapel (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
102	Drumlithie, Stone Axe (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
105	Drumlithie Possible Enclosure	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
106	Drumlithie, Enclosure	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 3 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
109	Bogburn Mill and Sluice (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
111	Nether Bogburn Cropmarks	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 33 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
112	Blairerno Field System	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 73 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						would be no physical impact on it because of the construction of the Proposed Development.					
117	Hill of Tannachie, Cairns (Site of)	None	Low	Permanent	Adverse	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the HDD for the crossing for the National Grid Pipeline Aberdeen to Kirriemuir Crossing 2 and Temporary Access Track would permanently remove a small portion of this heritage asset.	Slight	Minor	Archaeological excavation informed by archaeological field walking, archaeological geophysical survey and archaeological trial trenching in advance of construction (CH10)	Negligible	Negligible
118	Trannachie Cropmark	None	Medium	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 24 m to the north-west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
119	Tannachie, Building (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
120	Tannachie, Smithy (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
122	Tannachie, Croft (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
123	Tannachie, School (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
124	Tannachie, Cottage (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
125	Nether Quithel, Quarry (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
126	Nether Quithel, Smithy (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
128	Burn of Annamuick Cropmarks	None	Medium	-	-	While this heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable, it is located between the launch and reception pits of the HDD crossing of the Burn of Annamuick. Given none of the features identified from aerial imagery are located in 50 m the Construction Corridor (these are approximately 150 m to the west of the 50 m Construction Corridor) and the HDD will be up to 6 m in depth locationthere would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
129	Nether Quithel, Quarry (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
133	Elfhill, Urn (Findspot)	None	Low	-	-	As this heritage asset is the location of a recovered find that is now out of situ, no impact has been assessed.	None	None	None proposed	None	None
139	Elf Hill Possible Clearance Cairn	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
140	Hill of Quithel, Hollow Way	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
141	Hill of Quithel, Building (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
142	Elf Hill, Farmstead (Site of)	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 220 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
143	Upper Wyndings, Enclosure	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
144	Elf Hill, Hollow Way	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
145	Upper Baulk, Hollow Way	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 193 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
146	East White Rashes, Boundary Stone	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
147	Hill of Baulk, Hollow Way	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 193 m to the east of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
148	Colonel's Well (Site of)	None	Low	-	-	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the Temporary Access Track and open cut trench for the cable would permanently remove a small portion of this heritage asset.	Slight	Minor	Archaeological monitoring during construction (CH12)	Negligible	Negligible
149	East White Rashes, Boundary Stone	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
150	Burn of Baulks, Hollow Way	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 49 m to the north of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
151	White Rashes, Boundary Stone	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
152	Hurlie Bog, Grouse Butt	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
153	Burn of Baulks, Trackway	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 170 m to the north of the 50 m	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.					
155	Fetteresso Forest, Standing Stone	None	Medium	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the Substation site (approximately 97 m to the east of the Substation site) no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
156	Burn of Finglennie, Farmstead	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
157	Burn Of Day, Farmstead (Site of)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
158	Cowie Line, Pillbox and Earthworks 945m SW of Stonehouse	Scheduled Monument	High	-	-	While this heritage asset is partially located within the PPP Application Boundary, no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
159	Cowie Water, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
160	Clochanshiels, Hut-circle & House Platform	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
161	Clochanshiels, House Platforms	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
162	Hare Bog, Field Boundaries	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
163	Burn of Day, Hollow Way	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
164	Clochanshiels, Cairns, Houses and Field	Scheduled Monument	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
	Systems 500m ESE of										
165	Stonehouse, Building (1)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
166	Stonehouse, Livestock Pen	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
167	Stonehouse, Building (2)	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
168	Stonehouse, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
169	Cowie Line, Pillboxes & Anti-tank Blocks NE of Whitehill	Scheduled Monument	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
170	Hill of Three Stones, Lade	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
172	Glenton Hill, House, Enclosure and Field System	Scheduled Monument	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

**Table 1.2: Non-significant effects on historic buildings during construction**

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
7	Nether Benholm, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
10	Nether Knox, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
11	Tillygrain	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
13	Middle Knox, Farmhouse	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
14	Benholm Castle, Burial-ground	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
16	Benholm Bridge	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
18	Benholm Castle	Category A Listed Building	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
19	Benholm Castle, Walled Garden	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
20	Benholm Castle, Private Chapel	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
21	Benholm Castle - Doocot	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
22	Benholm Castle, Mains of Benholm	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
24	Upper Knox, Farmhouse	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
35	Three Wells, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
44	Peattie, Farmhouse	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
46	Peattie Cottage	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
50	Banff Croft	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
54	Mill of Arbuthnott	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
58	Kirkton, Farmstead	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 68 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
63	Pitcarles, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
65	Pitcarles, Building	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
67	Laes, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
71	Gobbs	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
73	Upper Craighill, Windpump	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
76	Little Wairds, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
83	Gyratsmyre	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
89	Mondynes, Railway Bridge	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 190 m to the west of the 50 m Construction Corridor and HDD crossing for the <u>Network Railway Edinburgh to Aberdeen Line/Rolland Road</u> ) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
91	Candy, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
93	Broombank Farmhouse	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
94	Lochend Glenbervie Road	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
95	"Joiner's House", Glenbervie Road	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
97	Drumlithie	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
98	"Melrose Cottage" School Road	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
99	"The Holm" Kinmonth Road	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
100	"St John's Cottage", Kinmonth Road	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
103	Drumlithie Episcopal Church	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
104	"The Old Parsonage", Kinmonth Road	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
107	Mid Kinmonth, Farmhouse	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
108	East Kinmonth Cottage	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
110	Nether Bogburn	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
113	Blairerno	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
114	Mill of Buckie	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
115	Buckie's Mill	None	Low	-	-	This heritage asset is partially located within the 50 m Construction Corridor for the 220 / 275 kV cable. Construction of the HDD for the crossing of the Carron Water would permanently remove a small portion of the lade and ruinous building forming part of this heritage asset.	Moderate	Minor	Historic building (Basic) recording prior to construction. Archaeological monitoring during construction (CH14)	Negligible	Negligible
116	Tannachie, Farmstead	None	Low	-	-	While this heritage asset is located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 80 m to the south of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
121	Tannachie Croft	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
127	Cutty Souter	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
131	Annamuck	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
132	Upper Quithel, Farmstead	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
136	Elfhill	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
137	Auquhirie Farmhouse	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
171	Tillybreak	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
173	Mergie - Garden House	Category C Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
174	Mergie Farmhouse	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
175	Cowton Bridge Over Cowton Burn	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
176	Kirkton of Fetteresso	Conservation Area	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
177	Rickarton House, Gardener's Cottage	Category C Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
178	Kirkyard Walls	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
179	Old Kirkton Inn	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
180	South of Old Kirkton Inn	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
181	Kirkton Inn Bridge Over Cheyne Burn	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
182	Fetteresso Bridge Over Carron Water	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
183	Fetteresso Castle - Doocot	Category A Listed Building	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
184	Cheyne Farmhouse	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
185	Fetteresso Castle	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
186	Ury - Bridge Over Cowie Water	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
187	Findlayston Bridge Over Cowie Water	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
188	Rickarton House	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
189	Rickarton House - Bridge Over Cowton Burn	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
190	Auquhollie Bridge Over Small Burn	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
191	Fetteresso Castle, Fetteresso Walled Garden, Including Summer House	Category C Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
192	Ury Estate, Blue Gate Including Quadrant Walls	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
193	Ury Estate, Blue Lodge	Category C Listed Building	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
194	Ury Estate, Viaduct Over Cowie Water	Category B Listed Building	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
195	Reisk	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

**Table 1.3: Non-significant effects on the historic landscape during construction**

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
HLT 1	Arbuthnott Garden and Designed Landscape	Inventory Garden and Designed Landscape	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
HLT 2	Glenbervie Garden and Designed Landscape	Inventory Garden and Designed Landscape	High	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
HLT 3	19th Century-Present Urban Area	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
HLT 4	19th – 20th Century Smallholdings	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
HLT 5	Late 20th Century – Present Rough Grazing	None	Low	Permanent	Adverse	While construction of the Proposed Development would temporarily change the character of this HLT where works are required within the PPP Application Boundary, the overall legibility of this extensive HLT would remain perceptible.	Negligible	Negligible	Photographic survey of the areas affected prior to construction (CH15)	Negligible	Negligible
HLT 6	18th Century-Present Rectilinear Fields and Farms	None	Low	Permanent	Adverse	Construction of the Proposed Development would remove elements of this HLT (field boundaries, bisect field pattern) where works are required within the PPP Application Boundary, however, the overall legibility of this extensive HLT would remain perceptible.	Slight	Minor	Photographic survey of the areas affected prior to construction (CH15)	Negligible	Negligible
HLT 7	19th Century-Present Recreation Area	None	Low	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None
HLT 8	19th Century-Present Quarry	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, it is located outwith the 50 m Construction Corridor for the 220 / 275 kV cable (approximately 120 m to the west of the 50 m Construction Corridor) and no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
HLT 9	20th Century-Present Plantation	None	Low	Permanent	Adverse	While construction of the Proposed Development would remove elements of this HLT (blocks of plantation woodland) where works are required within the PPP Application Boundary, the overall legibility of this extensive HLT would remain perceptible.	Slight	Minor	Photographic survey of the areas affected prior to construction (CH15)	Negligible	Negligible
HLT 10	Late 20th Century-Present Motorway and Major Roads	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, the HDD crossing for the A90 will avoid this HLT location. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
HLT 11	Medieval Built-up Area	None	Medium	-	-	This heritage asset is located out with the PPP Application Boundary and therefore there would be no physical impact on it.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
HLT 12	18th to 20th Century Managed Woodland	None	Low	-	-	While this heritage asset is partially located within the PPP Application Boundary, no works are proposed in the location of this heritage asset. Therefore there would be no physical impact on it because of the construction of the Proposed Development.	None	None	None proposed	None	None
HLT 13	17th-20th Century Designed Landscape	None	Medium	Permanent	Adverse	Construction of the Proposed Development would permanently remove elements of this HLT (a belt of mixed trees bounding a large arable field at Benholm), sever this area of the HLT, and change the character of this HLT.	Slight	Minor	Photographic survey of the areas affected prior to construction (CH15)	Negligible	Negligible

Table 1.4: Effects on archaeological remains during operation

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
158	Cowie Line, Pillbox and Earthworks 945m SW of Stonehouse	Scheduled Monument	High	-	-	The Proposed Development would not be visible from this heritage asset given the intervening topography and commercial forestry. In addition, the relationship between the individual features forming this heritage asset, as well as its strategic location, and views from the pillbox would be unaffected, as would the spatial and temporal relationship between the sites along the Cowie Line. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
164	Clochanshiels, Cairns, Houses and Field Systems 500m ESE of	Scheduled Monument	High	-	-	While the bare earth ZTV (see Volume 1, Chapter 8: Landscape and Visual, Figure 8.5) suggests the Proposed Development could be visible from this heritage asset, from this heritage asset it would be largely screened given the intervening commercial forestry. Views to the north across the Cowie Water and its elevated position near the watercourse would also be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
169	Cowie Line, Pillboxes & Anti-tank Blocks NE of Whitehill	Scheduled Monument	High	-	-	While the bare earth ZTV (see Volume 1, Chapter 8: Landscape and Visual, Figure 8.5) suggests the Proposed Development could be visible from this heritage asset, it would be largely screened given the intervening commercial forestry. In addition, the relationship between the individual features forming this heritage asset, as well as its strategic location,	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						and views from the pillboxes would be unaffected, as would the spatial and temporal relationship between the sites along the Cowie Line. Therefore, no impact on setting has been assessed.					
172	Glenton Hill, House, Enclosure and Field System	Scheduled Monument	High	-	-	While the bare earth ZTV (see Volume 1, Chapter 8: Landscape and Visual, Figure 8.5) suggests the Proposed Development could be visible from this heritage asset, it would be largely screened given the intervening commercial forestry. Views to the north overlooking the Cowton Burn, its position above the watercourse and relationship between the elements forming this heritage asset would also be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None

Table 1.5: Effects on historic buildings during operation

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
18	Benholm Castle	Category A Listed Building	High	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated and outward views are limited to the immediate grounds by the surrounding established woodland. In addition, this heritage asset's isolated location and the relationship between the buildings would also be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
19	Benholm Castle - Doocot	Category B Listed Building	Medium	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's location and relationship with the other estate buildings would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
93	Broombank Farmhouse	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. The relationship between the farmhouse and steading would also be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
94	Lochend Glenbervie Road	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and the relationship between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
95	"Joiner's House", Glenbervie Road	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and the relationship between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
98	"Melrose Cottage" School Road	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and the relationship between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
99	"The Holm" Kinmonth Road	Category B Listed Building	Medium	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and the relationship between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
100	"St John's Cottage", Kinmonth Road	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and the relationship between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
103	Drumlithie Episcopal Church	Category C Listed Building	Low	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. This heritage asset's village location and visibility from the local surroundings, as well as its immediate location within the stone-walled church yard and relationship with associated memorials and the former manse (Asset 104; a Category B Listed Building) would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
104	"The Old Parsonage", Kinmonth Road	Category B Listed Building	Medium	-	-	The Proposed Development would not be visible from this heritage asset given the Cable Corridor would be largely reinstated. The village location, relationship with the church (Asset 103; a Category C Listed Building) and between the buildings that form the historic core of Drumlithie would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
137	Auquhirie Farmhouse	Category C Listed Building	Low	-	-	Given the Cable Corridor would be largely reinstated, along with the distance and intervening established trees, Proposed Development would not be visible from this heritage asset. In addition, its secluded position within woodland, to the south of the railway, and relationship with its associated agricultural buildings and the Carron Water would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
173	Mergie - Garden House	Category C Listed Building	Low	-	-	While the bare earth ZTV (see Volume 1, Chapter 8: Landscape and Visual, Figure 8.5) suggests the Proposed Development could be visible from this heritage asset, it would be largely screened given the intervening established trees. The relationship with the surviving elements of the grounds including the farmhouse (Asset 174; a Category B Listed Building), as well as its secluded location would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
174	Mergie Farmhouse	Category B Listed Building	Medium	-	-	While the bare earth ZTV (see Volume 1, Chapter 8: Landscape and Visual, Figure 8.5) suggests the Proposed Development could be visible from this heritage asset, it would be largely screened given the intervening established trees. The relationship with the surviving elements of the grounds including the garden house (Asset 173; a Category C Listed Building), as well as its secluded location would be unaffected. Therefore, no impact on setting has therefore been assessed.	None	None	None proposed	None	None
175	Cowton Bridge Over Cowton Burn	Category C Listed Building	Low	-	-	The Proposed Development would be screened by the intervening topography and trees. The relationship with the burn it spans and road it carries, and the wooded channel of the watercourse, would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
176	Kirkton of Fetteresso	Conservation Area	Medium	-	-	Given the distance and intervening topography and buildings, the Proposed Development would not be visible from this heritage asset. In addition, its inward-looking character, position between the two	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						watercourses, visibility of The Kirk (Asset 178) throughout the village, and views of Fetteresso Castle (Asset 185; a Category B Listed Building) and the railway viaducts from the village would be unaffected. Therefore, no impact on setting has been assessed.					
177	Rickarton House, Gardener's Cottage	Category C Listed Building	Medium	-	-	The Proposed Development would not be visible given the intervening topography and established boundary trees. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
178	Kirkton Walls	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and buildings the Proposed Development would not be visible from this heritage asset. In addition, its village location and visibility through the village would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
179	Old Kirkton Inn	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and buildings the Proposed Development would not be visible from this heritage asset. In addition, its village location would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
180	South of Old Kirkton Inn	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and buildings the Proposed Development would not be visible from this heritage asset. In addition, its village location would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
181	Kirkton Inn Bridge Over Cheyne Burn	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Carron Water and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
182	Fetteresso Bridge Over Carron Water	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Carron Water and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
183	Fetteresso Castle - Doocot	Category A Listed Building	High	-	-	Given the distance and intervening topography and trees the Proposed Development would not be visible from this heritage asset. Its location in the grounds of Fetteresso Castle (Asset 185; a Category B Listed Building) on the lower-lying ground of the Carron Water's valley, its legibility within the policies and relationship between the extant buildings would	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						be unaffected. Therefore, no impact on setting has been assessed.					
184	Cheyne Farmhouse	Category B Listed Building	Medium	-	-	The Proposed Development would be screened by the intervening topography and established boundary trees. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
185	Fetteresso Castle	Category B Listed Building	Medium	-	-	Given the distance and intervening topography and established treeline the Proposed Development would not be visible from this heritage asset. Its location within its designed grounds, relationship with extant estate buildings including the dovecote (Asset 183; a Category A Listed Building) and walled garden (Asset 191; a Category C Listed Building) would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
186	Ury - Bridge Over Cowie Water	Category C Listed Building	Low	-	-	Given the intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Cowie Water and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
187	Findlayston Bridge Over Cowie Water	Category B Listed Building	Medium	-	-	Given the intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Cowie Water and the Slug Road would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
188	Rickarton House	Category B Listed Building	Medium	-	-	The Proposed Development would not be visible given the intervening topography and established boundary trees. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
189	Rickarton House - Bridge Over Cowton Burn	Category C Listed Building	Low	-	-	Given the intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Cowton Burn and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
190	Auquhollie Bridge Over Small Burn	Category C Listed Building	Low	-	-	Given the intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with Small Burn and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
191	Fetteresso Castle, Fetteresso Walled Garden, Including Summer House	Category C Listed Building	Medium	-	-	Given the distance and intervening topography and trees the Proposed Development would not be visible from this heritage asset. Its location in the grounds of Fetteresso Castle (Asset 185; a Category B Listed Building), its legibility within the policies and relationship between the extant buildings would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
192	Ury Estate, Blue Gate Including Quadrant Walls	Category C Listed Building	Low	-	-	Given the distance and intervening topography and established treeline the Proposed Development would not be visible from this heritage asset. In addition, its roadside setting and relationship with the associated lodge (Asset 193; a Category C Listed Building) would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
193	Ury Estate, Blue Lodge	Category C Listed Building	Low	-	-	Given the distance and intervening topography and established treeline the Proposed Development would not be visible from this heritage asset. In addition, its roadside setting and relationship with the associated gate and walls (Asset 192; a Category C Listed Building) would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
194	Ury Estate, Viaduct Over Cowie Water	Category B Listed Building	Medium	-	-	Given the intervening topography and trees the Proposed Development would not be visible from this heritage asset. In addition, its relationship with the Cowie Water and the road it carries would be unaffected. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None

**Table 1.6: Effects on the historic landscape during operation**

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
HLT 1	Arbuthnott Garden and Designed Landscape	Inventory Garden and Designed Landscape	High	-	-	Given the Cable Corridor would be largely reinstated and views of the immediate surrounding landscape are restricted due to this HLT's valley setting and the surrounding estate woodlands the Proposed Development would not be visible. In addition, distant views west from the policies, HLT 1's location in the valley of the Bervie Water's, visibility of the HLT	None	None	None proposed	None	None

Asset Number	Asset Name	Designation	Sensitivity	Duration	Adverse / Beneficial	Impact	Magnitude of Impact	Significance of Effects	Mitigation (where it is not possible to avoid effects through further detailed design development)	Residual Magnitude of Impact	Residual Significance of Effect
						from the B967, and the access road to Arbuthnott Church, would also be unaffected. Therefore, no impact on setting has been assessed.					
HLT 2	Glenbervie Garden and Designed Landscape	Inventory Garden and Designed Landscape	High	-	-	Given the Cable Corridor would be largely reinstated and limited by established boundary trees the Proposed Development would not be visible. In addition, views east across an area of parkland within this HLT would be maintained. Therefore, no impact on setting has been assessed.	None	None	None proposed	None	None
HLT 5	Late 20th Century – Present Rough Grazing	None	Low	Permanent	Adverse	While the change in character of this HLT would continue into operation this would not affect the overall legibility of this HLT.	Negligible	Negligible	None proposed	Negligible	Negligible
HLT 6	18th Century-Present Rectilinear Fields and Farms	None	Low	Permanent	Adverse	While the change in character of this HLT would continue into operation this would not affect the overall legibility of this HLT.	Negligible	Negligible	None proposed	Negligible	Negligible
HLT 9	20th Century-Present Plantation	None	Low	Permanent	Adverse	While the change in character of this HLT would continue into operation this would not affect the overall legibility of this HLT.	Negligible	Negligible	None proposed	Negligible	Negligible
HLT 13	17th-20th Century Designed Landscape	None	Medium	Permanent	Adverse	The change in character of this HLT and severance of this HLT would continue into operation.	Slight	Minor	None proposed	Slight	Minor