

Emmock 400kV Substation

Environmental Impact Assessment (EIA)

Volume 4 | Appendix 8.3

Designated Cultural Heritage Assets in the Outer Study Area with predicted ‘With- Screening’ Visibility of the Proposed Development

November 2024



APPENDIX 8.3: DESIGNATED HERITAGE ASSETS WITHIN THE OUTER STUDY AREA WITH PREDICTED ‘WITH-SCREENING’ VISIBILITY OF THE PROPOSED DEVELOPMENT

This appendix provides details on the heritage assets recorded within the Outer Study Area (area extending 3km from the Site) that have predicted with-screening visibility of the Proposed Development together with an assessment of their heritage sensitivity and of the potential effects of the Proposed Development on their settings.

This appendix should be read in conjunction with **Chapter 8: Cultural Heritage and Archaeology**. The locations, and extents, of the heritage assets are shown on **Figure 8.2 Designated Cultural Heritage: Outer Study Area (Bare-Earth ZTV)** and **Figure 8.3 Designated Cultural Heritage: Outer Study Area (With-Screening ZTV)**.

Those heritage assets identified by HES as requiring detailed consideration, even where the significance of the predicted effect is assessed as being not significant in EIA terms, are discussed in detail in **Chapter 8: Cultural Heritage and Archaeology, Section 8.6: Assessment of Likely Significant Effects – Operational**.

Designation No.	Designation name	Designation type	Sensitivity of Asset	Setting	Magnitude of Impact	Significance of Impact	Visualisation Figure No.
SM 159	Martin's Stone, cross slab, Balkello	Scheduled Monument	High	<p>A Pictish cross-slab stone of which only the upright cross slab remains. The stone dates to the second half of the 1st millennium AD. Extant carvings show the remains of a cross shaft, as well as the figures of two horsemen, an elephant-like creature, a serpent, and a Z-rod symbol.</p> <p>The cross slab stands within a small, railed enclosure towards the centre of an arable field, around 150 m west of the South Ballunderon to Wynton public road. The cross slab is not a prominent feature in the surrounding landscape and is best appreciated at close quarters.</p> <p>An existing steel lattice overhead line passes to the south of the monument, at its closest being 300 m away from the cross slab.</p>	<p>Negligible.</p> <p>The Proposed Development would be visible in farmland to the east of the monument on the opposite side of the public road.</p> <p>Visibility of the Proposed Development would be largely screened by intervening topography and tree-lined field boundaries.</p> <p>Proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development would provide further screening such that the Proposed Development would represent only a slight change to eastern views from the monument, not being visible in any appreciable views of the cross slab itself.</p> <p>For further discussion see Chapter 8: Cultural Heritage and Archaeology, Section 8.6.</p>	Negligible	Figure 8.5: CH VP1
SM 2868	Balkemback Cottages, stone circle 500m WNW of	Scheduled Monument	High	<p>A Neolithic stone circle comprising four boulders with an overall diameter of 14 m. Two of the boulders are upright, measuring between 1 m and 1.2 m in height, while the remaining two are recumbent. The easternmost stone bears around 20 cup-marks, now heavily weathered.</p> <p>The stone circle is located on a gentle south-facing slope within an arable field. Open aspect views are gained from the stone circle in a southern arc, overlooking lower lying farmland. The stone circle is not a prominent feature in the landscape, best appreciated at close quarters and not visible from any distance. It is possible that this stone circle was sited to afford visibility of the wider landscape.</p>	<p>Negligible.</p> <p>The Proposed Development would be visible in farmland to the south of the monument</p> <p>Visibility of the Proposed Development would be largely screened by the Dunian residential property and its enclosing woodland.</p> <p>Proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development would provide further screening such that the Proposed Development would largely, if not completely (by year 10) be screened in south-eastern views from the monument.</p> <p>Key views from the monument to the south/southwest would be unaffected, and the Proposed Development would not be visible in any appreciable views of the stone circle itself.</p> <p>For further discussion see Chapter 8: Cultural Heritage and Archaeology, Section 8.6.</p>	Negligible	Figure 8.4: CH VP2
SM 6562	Huntingfaulds, cairn 200m N of	Scheduled Monument	High	<p>Remains of a prehistoric burial cairn, approximately 9 m in diameter and 0.5 m in height, surviving as a grassed-over stony mound which has been much disturbed.</p> <p>The monument is located on the top of a knoll on a south-facing slope within an area of rough pasture to the north of Huntingfaulds farm. Open aspect views are gained from the burial cairn in a southern arc, overlooking lower lying farmland.</p> <p>Existing steel lattice overhead lines passes to the east and west of the monument, at their closest being 430 m away from the burial cairn.</p>	<p>Negligible.</p> <p>The Proposed Development would be visible in farmland around 2.3 km to the southwest of the monument.</p> <p>At over 2.3 km away the Proposed Development would not be a prominent feature in the wider landscape surroundings of the monument.</p> <p>The Proposed Development would not represent a noticeable change to the south-western views from the monument.</p>	Negligible	
LB 17458	South Ballunderon Farm, Steading	Category A Listed Building	High	<p>19th-century farmstead standing just east of the Balkello to Wynton public road. The farmstead forms part of a group of agricultural buildings and structures, including South Ballunderon Farm Steading (LB 17457) and South Ballunderon Farm Cottage and Former Bothy (LB 17456). These surrounding buildings provide a sheltered farmyard setting for the steading.</p>	<p>Negligible.</p> <p>The Proposed Development would be located around 700 m to the east of the steading.</p> <p>Visibility of the Proposed Development would largely be screened by surrounding buildings and trees/vegetation, although there would be</p>	Negligible	

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				The steading is open to the south with some glimpses of the surrounding farmland being gained from the steading; however, these views are generally limited by the immediate surrounding buildings and mature trees/vegetation. Localised farmland setting.	<p>some limited visibility of the substation from the eastern and south-eastern elevations of the steading.</p> <p>Further screening of the Proposed Development would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>Although the Proposed Development would be a new modern element in the wider landscape surroundings of the farmhouse, the localised setting of the farmhouse and its relationship to other associated surrounding buildings would not be compromised.</p>		
LB 6481	Balbeuchley, Balbeuchley Steading	Category B Listed Building	Medium	<p>19th-century quadrangular farmstead, situated in an elevated and conspicuous position above the Dichty Valley. The steading stands to the southwest of Balbeuchley House (LB 6480) and likely once provided stabling and coach house facilities for the house. Modern houses have been erected to the east of the steading.</p> <p>Open views are afforded from the steading to the southwest overlooking surrounding arable farmland. Rising topography and woodland present to the north and west limits views in these directions. Views to the east are limited by surrounding buildings and mature woodland.</p> <p>Localised setting with open aspect views to the south.</p>	<p>Negligible</p> <p>The Proposed Development would be located around 2 km to the east of the steading. Views of the Proposed Development would be largely, if not completely, screened by surrounding woodland and buildings. Open views from the steading to the south would be unaffected.</p> <p>The localised setting of the steading and its historic relationship to Balbeuchley House would not be compromised.</p>	Negligible	
LB 17445	Balgary, Mansfield (former free church including former manse including former free church, gig house, and stable, ha-ha, gatepiers and boundary walls and horse shelter)	Category B Listed Building	Medium	<p>19th-century former free church and manse standing immediately east of Hauntingfaulds Road. The former church and manse forms part of a cluster of associated structures including, a gig-house, stables and horse shelter.</p> <p>The buildings stand in an area of woodland/mature trees which provided a relatively sheltered setting. The front elevation of the manse is orientated to the southeast overlooking a tree-lined garden and out to surrounding farmland.</p> <p>Localised setting with open aspect views to the south.</p>	<p>Negligible.</p> <p>The Proposed Development would be located around 1.7 km to the southwest of the listed buildings.</p> <p>Screening of the Proposed Development would be provided by intervening woodland/mature trees that surround the buildings and additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>Key views from the manse to the south would be unaffected and the key relationship between the former manse, former church and other associated buildings would not be affected. The localised setting of the buildings would not be compromised.</p>	Negligible	
LB17456	South Balluderon Farm, cottage and former bothy, including garden walls	Category B Listed Building	Medium	<p>Early 19th-century cottage and former bothy, standing just west of the Balkello to Wyton public road. The buildings form part of a cluster of agricultural buildings and structures including South Balluderon Farm Steading (LB 17458) and South Balluderon Farmhouse (LB 17457).</p> <p>The former cottage and bothy stand in an area of woodland/mature trees to the east of South Balluderon farmstead (LB 17458). Some glimpses of surrounding immediate farmland can be gained from the buildings, although this is generally limited by surrounding woodland/mature trees in which the buildings stand.</p> <p>Localised farmyard setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be located around 700 m east of the buildings.</p> <p>Views to the Proposed Development would generally be limited by surrounding mature trees/vegetation, and additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>Although the Proposed Development would be a new modern element in the wider landscape surroundings of the cottage and bothy, the localised setting of the steading and its relationship to other associated surrounding buildings would not be compromised.</p>	Negligible	
LB17443	Balgray, Back Law, road bridge over the burn near junction of school and Huntingfaulds Roads	Category C Listed Building	Low	<p>Circa 1800 single arch road bridge over the Tealing Burn. The bridge is likely contemporary with two other bridges sited within 250 m (LB 17444 and LB 17446), constructed during agricultural improvements and drainage schemes in the 18th/19th century.</p> <p>Views from the bridge are concentrated on the Tealing Burn with surrounding woodland/mature trees screening views out to the surrounding landscape.</p> <p>Localised setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be around 1.6 km to the southwest of the bridge.</p> <p>Screening of the Proposed Development would be provided by intervening mature trees along School Road. Additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>The localised setting of the bridge and its relationship to Tealing Brun, the other associated bridges in the immediate landscape would not be compromised.</p>	Negligible	

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LB17444	Balgray, Back Law, road bridge over Tealing Burn	Category C Listed Building	Low	<p>Circa 1800 single arch road bridge. The bridge is likely contemporary with two other bridges sited within 250 m (LB 17443 and LB 17446) constructed during agricultural improvements and drainage schemes in the 18th/19th century.</p> <p>Views from the bridge overlook the burn. Surrounding woodland/mature trees and residential buildings generally screen views out to the surrounding landscape.</p> <p>Localised setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be around 1.3 km to the southwest of the bridge.</p> <p>Screening of the Proposed Development would be provided by intervening mature trees and surrounding buildings. Additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>The localised setting of the bridge and its relationship to the burn, the other associated bridges in the immediate landscape, would not be compromised.</p>	Negligible	
LB17446	Balgray, road bridge over Tealing Burn	Category C Listed Building	Low	<p>Early 19th century single arch road over the Tealing Burn. The bridge is likely contemporary with two other bridges sited within 250 m (LB 17443 and LB 17444) constructed during agricultural improvements and drainage schemes in 18th/19th centuries.</p> <p>Views from the bridge are concentrated along the Tealing Burn to the east and west, and out of immediate surrounding farmland and residential properties.</p> <p>Localised setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be around 1.5 km to the southwest of the bridge.</p> <p>Screening of the Proposed Development would be provided by intervening mature trees along the School Road, and additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>The localised setting of the bridge and its relationship to Tealing Burn, the other associated bridges in the immediate landscape would not be compromised.</p>	Negligible	
LB17447	Balgray, Tealing War Memorial	Category C Listed Building	Low	<p>First World War memorial, designed as an ashlar-block obelisk surmounted by a cross, erected around 1920. Stands at the junction of School Road and the Tealing to Balkemback public road.</p> <p>Localised roadside setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be around 1 km to the west of the war memorial.</p> <p>Proposed landscaping (earthwork bunds and planting of native woodland) around the Proposed Development, including three earthwork bunds on its eastern side, would largely screen views of the Proposed Development from the listed building and help integrate the Proposed Development within the wider agricultural landscape.</p> <p>The localised roadside setting of the memorial would not be compromised.</p>	Negligible	
LB17448	Balkello, Smithy Cottage	Category C Listed Building	Low	<p>Circa 18th century smithy, no longer in use and subject to renovation in 1990. The former smithy stands to the west of the Balkello to Wyton public road.</p> <p>Open views out to surrounding farmland can be gained from the west, north and southern elevations of the former smithy, while the tree-lined course of the Fithie Burn to the east limits views in this direction.</p> <p>Historically associated with Category A Listed South Balluderon Farm (LB 17457), present to the southwest on the opposite side of the public road.</p> <p>Localised farmland setting.</p>	<p>Negligible.</p> <p>The Proposed Development would be visible around 700 m to the east of the former smithy.</p> <p>Some screening of the Proposed Development would be provided by intervening mature trees/vegetation present to the east of the farmhouse, and additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>Although the Proposed Development would be a new modern element within the wider landscape surroundings of the smithy, the localised setting of the smithy and its relationship with South Balluderon Farm would not be compromised.</p>	Negligible	
LB17449	Balkemback Farm, Farmhouse	Category C Listed Building	Low	<p>Early 20th-century farmhouse built upon the location of an earlier farmhouse, the remains of which are extant and in use as a store. The farmhouse stands just south of several large farm barns/steading.</p> <p>The front elevation of the farmhouse is orientated to the south overlooking lower lying farmland. Views out in other directions are limited by mature woodland/trees that surrounds the farmhouse.</p> <p>Localised farmland setting.</p>	<p>Medium</p> <p>The Proposed Development would be visible in farmland to the south and west of the farmhouse.</p> <p>Some screening of the Proposed Development would be provided by mature trees/vegetation present to the west of the farmhouse. While additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>The Proposed Development would represent a discernible change within the immediate agricultural landscape of the farmhouse, such that its baseline would be partly altered. However, it would remain possible for any visitor to understand and appreciate the farmhouse, its position in the landscape, and its relationship with other associated buildings.</p>	Minor	

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LB 17457	South Balluderon Farm, Farmhouse, including walled garden, retaining walls and gatepiers	Category C Listed Building	Low	<p>Circa 1800 farmhouse standing just east of the Balkello to Wyton public road. Forms part of a cluster of agricultural buildings and structures including South Balluderon Farm Steading (LB 17458) and South Ballunderon Farm Cottage and Former Bothy (LB 17456).</p> <p>The front elevation of the farmhouse is oriented to the east overlooking a former garden and out to surrounding arable farmland. Some screening of views out to the surrounding landscape is provided by mature trees/vegetation that surrounds the farmhouse on its north, west and east sides.</p> <p>Localised farmland setting.</p>	<p>Low</p> <p>The Proposed Development would be located around 1 km to the east of the farmhouse.</p> <p>Some screening of the Proposed Development would be provided by intervening mature trees/vegetation present to the east of the farmhouse, and additional screening would be provided by proposed landscaping works (earthwork bunds and planting of native woodland) around the Proposed Development.</p> <p>Although the Proposed Development would be a new modern element in the wider landscape surroundings of the farmhouse, the localised setting of the farmhouse and its relationship to other associated surrounding buildings would not be compromised.</p>	Minor	
Additional Heritage Assets outwith the Outer Study Area identified through appraisal of the ZTVs as requiring consideration of potential impacts on its setting.							
SM 3038	Craig Hill Fort and Broch	Scheduled Monument	High	<p>Remains of a broch and fort of prehistoric date surviving partially as a series of grassed-over stone structures and earthworks, and partially as cropmarks visible on aerial photographs.</p> <p>The broch and fort stand in commanding and strategic location on the summit of Craig Hill overlooking the Fithie Burn, commanding views in all directions. The broch and fort would have been prominent from many vantage points in the surrounding landscape and their location provides a good vantage point to view the surrounding area.</p> <p>The key characteristics of the monument are its topographical location, the extensive views that can be gained to the surrounding landscape, and its prominent visibility in the surrounding landscape.</p>	<p>Negligible.</p> <p>The monument is located around 3.9 km to the southeast of the Proposed Development.</p> <p>The Proposed Development would be visible in farmland to the northwest of the monument, seen beyond the existing Tealing Substation and backclothed by rising topography.</p> <p>Further screening would be provided by the installation of earthwork bunds and planting of native woodland around the substation as part of the landscape strategy for the Proposed Development (see Figure 7.17b and Figure 7.17c), and the proposed landscaping would help integrate the Proposed Development within the wider agricultural landscape when viewed from Craig Hill such that it would not represent a noticeable change to the wider landscape setting of the monument.</p> <p>For further discussion see Chapter 8: Cultural Heritage and Archaeology, Section 8.6.</p>	Negligible	Figure 8.6: CH VP3