

Volume 4: Appendix 8.1 – Cultural Heritage Assets within the Inner Study Area

**Emmock and Tealing 400 kV Overhead Line
Tie-Ins
Environmental Impact Assessment (EIA)
Volume 4 | Appendix 8.1**

**Cultural Heritage Assets within the Inner
Study Area
September 2025**



LIST OF ABBREVIATIONS

HER	Historic Environment Record
HES	Historic Environment Scotland
HA	Heritage Assets (previously unrecorded heritage assets identified through desk-based assessment and walkover survey)
NRHE	National Record of the Historic Environment
OS	Ordnance Survey
RCAHMS	Royal Commission on the Ancient and Historical Monuments of Scotland
SM	Scheduled Monument

1. CULTURAL HERITAGE ASSETS WITHIN THE INNER STUDY AREA

1.1 Introduction

- 1.1.1 This appendix provides details on the heritage assets recorded in the Inner Study Area identified through desk-based assessment, together with an assessment of their heritage sensitivity.
- 1.1.2 This appendix should be read in conjunction with **Volume 2, Chapter 8: Cultural Heritage**, Section 8.4: Baseline Conditions and Section 8.6: Assessment of Likely Significant Effects – Construction. The locations and extents of the heritage assets are shown on **Volume 3, Figure 8.1: Cultural Heritage: Inner Study Area**.

Table 8.1.1: Cultural Heritage Assets within the Inner Study Area

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
SM 6123	Dundee and Newtyle Railway, embankment SW of Balbeuchley House	NO33NW0044, NO33NW0057, NO33NE0085 / 122795, 122797	335777 335748	737242 737414	HES Designation; HER; NRHE; Historic Maps; Aerial Photographs	Scheduled Monument The HES entry records a Scheduled Monument comprising part of a railway incline surviving as an earthwork, a cutting and an associated stone engine house, forming part of the former Dundee and Newtyle railway. The Dundee and Newtyle was one of the earliest railways in Scotland, opening in 1831 to carry freight and passengers between Dundee and its Strathmore hinterland. The original construction employed horse-drawn carriages supplemented by stationary engines. The inclines rapidly became obsolete as steam power was introduced for the line. The upper part of the Balbeuchley incline survives as a substantial earthwork, with the remains of stone facing on the northern part of the east side. The earthwork survives to its original height, up to 15 m above the surrounding fields. The flat summit of the incline is 4-5 m wide and grassed over. All traces of the rails and sleepers have been removed or obscured. The southern part of the surviving section is a cutting rather than an embankment, reflecting the need to maintain a regular gradient despite the irregular topography of the surrounding area. At the top of the incline are the remains of a small stone building surviving up to 2.5 m high on its eastern side. This represents the engine house (NO33NE0085). The area to be scheduled encompasses the visible earthwork, part of the cutting, and the stone building.	High

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
LB 17449	Balkemback Farm and Farmhouse	NO33NE0052 / 224382	339170	738096	HES Designation; HER; NRHE; Historic Maps; Aerial Photographs; Buildings Survey	Listed Building The HES Statutory List records a farmstead and C-listed early 20th century 2-storey, 3-bay rectangular-plan farmhouse with single storey service wing at rear. Farmhouse, still in use today and replaced an earlier farmhouse now used as a store adjoining the steading to the north. The Angus HER and NRHE entries additionally record that on the first edition (1865) OS map it is shown as a long L-plan steading range with five buildings in a courtyard with a U-plan farmhouse with a garden to the south, and a mill pond and sluice to the northwest. A photographic survey was carried out in 2011 prior to the demolition of the steading and the erection of a new building.	Low
NO33NE0023	Wynton Wood, Ring-Ditch Cropmark(s)	31868	338100	737451	HER; NRHE; Aerial Photographs	Regionally Significant The Angus HER and NRHE entries record cropmarks of a ring-ditch recorded by the RCAHMS in 1983. There are also possible faint traces of other cropmarks in the same field.	Medium
NO33NE0025	Wynton, Enclosure Cropmark(s)	31870	337631	737229	HER; NRHE; Aerial Photographs	Regionally Significant The Angus HER and NRHE entries record the cropmarks of a rectilinear enclosure with slightly rounded corners. It was recorded in a cereal crop to the west of Wynton Wood on photographs taken by the RCAHMS in 1982, 1992 and 1996. It measures roughly 50 m north-south by about 20 m east-west, with a ditch some 2 m wide. There are traces of an entrance in the southern side. A line of six circular cropmarks, circa 10 m in diameter, runs parallel with the west side of the enclosure. They may be archaeological in origin, but there is also a possibility that they are agricultural. Other less well-defined cropmarks lie about 10 m to the east of the enclosure.	Medium
NO33NE0014	Cross House, Balkemback; Cup-Marked Stone	31858	339530	738160	HER; NRHE	The Angus HER and NRHE entries record the site of a cup-marked stone. J R Allen recorded in 1881 that a cup-marked stone was built into the wall at a cottage a '<i>mile west of Tealing House, on the southeast corner of the crossroads near Balkemback, is a place called Cross House</i>'. The stone was built into the northwest corner, on the north side of the house, 0.6 m above the ground. Its dimensions were 0.66 m high by 0.46 m wide and 0.22 thick. It had 13 cups varying from 25-37 mm in diameter, and some, unusually,	Negligible

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						up to 44 mm deep and conical. It was of reddish sandstone and known locally as 'Devil's Tackets'. The OS discovered in 1958 that the walls of the cottage were harled, and no trace of the cup-marked stone was visible.	
NO33NE0016	Tealing Parish, Bronze Vessel Findspot	31860	338997	739000	HER; NRHE;	The Angus HER and NRHE entries record a bronze vessel, 'resembling a kettle', discovered circa 1760, in Tealing Moss. Exact findspot unknown. It was recorded as 2 ft in diameter and 1 ft high and is now unlocated.	Negligible
NO33NE0017	Balkemback Farm; Cists, Urns, Ashes, Bones, Burials,	31861	339000 339100	738070 738100	HER; NRHE	The Angus HER and NRHE record that the site of cists is recorded in Old Statistical Accounts (1792) as 'stone coffins containing human remains and urns containing ashes have been found, within the past 20 years, in two sandy hillocks on Balkemback farm'. The Angus HER concludes that these were probably short cists of Bronze Age date. The sandy hillocks on Balkemback farm can no longer be identified - possibly flattened during 18th century land improvements, when the cists were uncovered. It is not clear from the description if anything is likely to still survive of these cists. The precise location of this find is unclear, though it can be taken that the cists were recorded within the area of Balkemback Farm. It is not known if the cists themselves have been removed or whether the location of the cists is accurately recorded.	Medium
NO33NE0019	Prieston Farm, Souterrain (Site of)	31863	339454	738634	HER; NRHE	The Angus HER and NRHE records the site of a Prehistoric souterrain (Wainwright's Tealing II) discovered on Prieston Farm some years before 1792. The site is recorded as ' <i>composed of large flat stones, without any cement, and consisting of two or three apartments not more than 5 feet wide, covered with stones of the same kind</i> '. Wood-ash, fragments of large earthen vessels and a quern were found in it. Wainwright (1963) identified the likely site, as in an ideal situation by a scatter of stones possibly suggesting surface structures and by the fact that the farmer has found parts of the upper stones of two querns.	Medium
NO33NE0020	North Balluderon, Enclosure, Cropmark(s)	31865	337816	738538	HER; NRHE; Aerial Photographs	The Angus HER and NRHE records that the cropmarks of a sub-rectangular enclosure are visible on vertical aerial photographs dating to 1967. No further information is provided.	Low

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
						Cannot be seen on modern aerial photography within two improved and ploughed agricultural fields.	
NO33NE0033	Wynton, Souterrain Cropmark(s)	85848	337467	737170	HER; NRHE; Aerial Photographs	The Angus HER and NRHE entries record cropmarks of a possible souterrain and other indeterminate features recorded by RCAHMS during aerial reconnaissance in 1992.	Medium
NO33NE0034	Wynton, Souterrain Cropmark(s)	85849	337275	737180	HER; NRHE; Aerial Photographs	The Angus HER and NRHE entries record cropmarks of a possible souterrain and other indeterminate features recorded by RCAHMS during aerial reconnaissance in 1992.	Medium
NO33NE0051	Balkemback, Sheepfold	-	339169	737974	HER; Historic Maps; Aerial Photographs	The Angus HER records a sheepfold that is shown at this location on OS maps from the second edition onwards. Examination of OS maps indicates that the sheepfold is marked only on the OS 25-inch, 1902 second edition map. The sheepfold is not visible on modern aerial photography (Bing Maps; Google Earth)	Low
NO33NE0054	Balkemback Cottages	-	338745	738304	HER; Historic Maps; Aerial Photographs	The Angus HER entry records cottages still in use today, shown on the historic OS map second edition onwards. They are depicted as having extensions to the north and are within a rectangular garden enclosure.	Low
NO33NE0055	Prieston, Building	-	338882	738916	HER; Historic Maps; Aerial Photographs	The Angus HER entry records a building, probably a cottage, which is shown on historic OS maps. On the first edition map (1865) it has an outshot on the east gable. By the second edition 25-inch map (1902) there are outshots to each gable. The eastern outshot has been removed and on the 2006 map the building is marked as disused. From modern aerial photography (Google Earth, Bing Maps) a building can be seen situated amongst overgrown trees and vegetation at the southern corner of an improved field, on the edge of a spring.	Low
NO33NE0056	Woodside; Cottage(s), Croft(s), Enclosure(s), Pond	-	338447	738869	HER; Historic Maps; Aerial Photographs	The Angus HER records the remains of a croft and cottage still in use. The OS first edition map (1865) depicts two rectangular buildings, a pond and a triangular enclosure. By the second edition map (1903) only one building is depicted together with a sub-divided trapezoidal enclosure. The building and enclosure depicted on the second edition map are visible on modern aerial photography (Bing Maps; Google Earth). A	Low

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						farm track is visible running between the building and enclosure to a likely associated cottage (Woodside; cottage (NO33NE0057)).	
NO33NE0057	Woodside; Cottage (remains of), Sheepfold	158508	338361	738838	HER; NRHE; Historic Maps; Aerial Photographs	The Angus HER and NRHE records the remains of a cottage and a sheepfold which is still in use. The OS first edition map (1865) depicts a small rectangular building with an outshot on the eastern gable. By the second edition map (1903) it is shown as a sub-divided sheepfold within an enclosure. The upstanding remains of a rectangular building enclosed by an irregularly shaped enclosure are visible on modern aerial photography (Bing Maps; Google Earth).	Low
NO33NE0069	Balnuith, Farmstead	-	339809	737880	HER; Historic Maps; Aerial Photographs	The Angus HER entry records a farmstead, still in use, depicted on historic OS maps. The first edition (1865) shows a quadrangular steading, open at the southwest corner the east wing extending to the north and with rectangular buildings to the southeast and northwest. To the southwest of the steading is a U-plan house within a garden enclosure. By the time of the second edition (1902), the steading court had been infilled and there had been further additions. Some of these later additions and the building northwest of the steading have since been removed. From modern aerial photography (Google Earth, Bing Maps) this farmstead is currently occupied.	Low
NO33NE0086	Mid Leoch, Cottage	122803	335902	736852	HER; NRHE; Historic Maps; Aerial Photographs	Mid Leoch Cottages are first depicted on the first edition Ordnance Survey map (1860) as part of a small farmstead, consisting of a linear building in the middle of the farmyard, in the same position as the present cottages, with a larger L shaped structure to the north and two smaller ancillary buildings to the east and north-east. A small circular structure is attached to the north of the L-shaped building and could be a dovecote, henhouse, or potentially even a stillhouse associated with small-scale whisky production. By 1900, the circular structure, western section of the L-shaped building and the east ancillary building had been demolished. By 1920, all but the north-east ancillary building and the cottages had been demolished. From modern aerial photography (Google Earth, Bing Maps) the area has since been redeveloped into new modern housing.	Low

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
NO33NE0111	Prieston; Farmstead, Dam, Sluice	-	339239	738710	HER; Historic Maps; Aerial Photographs	The Angus HER records a farmstead still in use, as depicted on historic OS maps. The first edition map (1865) depicts a main U-shaped steading with inner courtyard and southeastern entrance. Two smaller separate buildings sit within woodland to the southeast and directly north of the farmstead respectively. A labelled 'Mill Dam' and 'Sluice' are depicted extending out the main farmstead to the northwest. Both the Mill Dam and Sluice have been removed by the time of later post-1940s maps. From modern aerial photography (Google Earth, Bing Maps) the mill dam and sluice are not visible under now improved agricultural fields and the site of the farmstead has been remodelled and currently occupied.	Low
NO33NE0113	Newlandhead, Farmstead	-	337456	738421	HER; Historic Maps; Aerial Photographs	The Angus HER entry records the site of a farmstead depicted on historic OS maps (1865;1903). The first edition depicts a main L-shaped building with two smaller rectangular buildings to the direct south along with a small square garden. To the northwest is a second long rectangular main building and square building within a wider enclosed area. By the second and later OS editions these two buildings and enclosed area has been removed entirely. Modern aerial photographs (Google Earth; Bing Maps) shows a currently occupied modern farmstead.	Low
NO43NW0051	Tealing Airfield (Remains of)	94183	339808 340458	737293 737055	HER; NRHE; Aerial Photographs; LiDAR DTM; Archaeological Investigations; Building Survey	The Angus HER and NRHE entries record the remains of a military airfield. The airfield opened at the end of March 1942 as an advanced fighter training base and covered an area of circa 80 hectares with two intersecting runways, a technical area containing the control tower, hangars, huts and personnel buildings to the south-east and further accommodation areas around the perimeter. Remains of the Battlefield Headquarters stand on the east side of the airfield (NO43NW0107). The accommodation was also used as a Prisoner of War camp in the latter part of the war. The airfield was placed on Care and Maintenance after the last unit based there disbanded in June 1945. The aerodrome is in a poor state with one of the runways now covered with poultry sheds and the other is badly broken up. The tower, a large 518/40 type, remains but the hangars have gone.	Low

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
						A programme of archaeological work was carried out across the airfield by Headland Archaeology in 2020 and 2021, prior to works for an extension to the electricity substation and onshore cable routes. Standing building survey recorded 16 structures. Much of the airfield area has now been covered by the Emmock Substation construction, as seen in modern aerial photographs (Google Earth, Bing Maps).	
HA01	Wynton Manure Works	-	338247	737012	Historic Maps; Aerial Photographs	The second edition historic OS map (1903) depicts a building complex at this location labelled as 'Wynton Manure Works'. Consists of one large irregular shaped main building, with three smaller separate rectangular buildings to the east, along with a singular marked post 'P', and a small rectangular building to the southwest. By the time of the later 1959 OS map it is marked simply as 'Works' by a single rectangular building and a well. Does not appear on modern OS maps and from modern aerial photography (Google Earth, Bing Maps), has since been demolished and the area has been redeveloped as a residential property.	Negligible
HA02	Wynton, Building	-	337584	736517	Historic Maps	The first edition historic OS map (1865) depicts a small irregular shaped building to the east of the main road. Situated within a wider strip of enclosed improved land with a smaller enclosed garden directly on its southern edge. Has been removed by the time of the second edition OS (1903). May have been part of the original Wynton Cottages which exist today as a residential property to the south. No remains visible from modern aerial photography (Google Earth, Bing Maps).	Low
HA03	Wynton, Pond	-	337543	736530	Historic Maps	The first edition historic OS map (1865) depicts a small boomerang-shaped pond or water body, situated within a wooded area opposite the road from Wynton cottage buildings. Has been removed by the time of the second edition 1903 OS map and likely infilled. Cannot be seen from modern aerial photography (Google Earth, Bing Maps) in what is an overgrown wooded area.	Negligible
HA04	Linn of Balluderon, Quarry	-	337081	738941	Historic Maps; Aerial Photographs	A disused quarry is depicted at this location on historic first and second edition OS maps (1865;1902). Situated c.488 m to the southeast from the larger Balluderon Quarry (NO 36776 739365)	Negligible

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
						and is likely related to the works here. On the western edge of a singular access track heading north to the quarry. From modern aerial photography (Google Earth, Bing Maps) the possible quarry remains can be seen covered in overgrown vegetation.	
HA05	North Balluderon, Building	-	337384	738603	Historic Maps, Aerial Photographs; OS Benchmark Archive	A small rectangular shaped building is depicted on historic OS maps (1865,1903) situated to the southeast of the access track to North Balluderon farmstead (NO33NE0112) at the junction to the main road. This may likely be related to the main farmstead as a possible gatehouse. It is depicted from the first edition onwards with differing OS Benchmark levels. From the second edition OS 25-inch map (1902) a small square offshoot to the west of the building is clearly visible. The OS Benchmark Archive states the benchmark is on a wall to the north side of the road, 7.2 m east of the wall junction. Modern aerial photography (Google Earth, Bing Maps) there is current occupation at this location and uncertain what remains of the original building.	Low
HA06	Balkemback Wood; Building(s), Enclosure(s), Well	-			Historic Maps; Aerial Photographs	The historic second edition OS map (1903) onwards depicts four enclosures with a building in the far northwestern enclosure, and a well depicted on the far eastern side, adjacent to the main road. Situated to the southeast of Balkemback Wood, there is a small curvilinear path orientated northeast to southwest, leading from the road to the area. Later editions depict numerous additional structures within the area. From modern aerial photography (Google Earth, Bing Maps) the area has since expanded and is currently occupied.	Low
HA07	Prieston, Building	-	339471	738719	Historic Maps; Aerial Photographs; OS Benchmark, Archive	A building is visible on historic OS maps isolated within a small rectangular enclosure to the west side of the main track. The first edition (1865) depicts it as an irregular rectangular building, converted into a squared building with enclosure by the second edition (1903). The OS 25-inch (1902) depicts in more detail a well to the direct north-northwest, and pathway to the south-southeast. Both historic maps label a benchmark at this location, recorded by the OS Benchmark Archive as situated on the 'cottage west side road, on the northeast face 6.9 m north'.	Low

Asset no	Asset name and type	Associated HER / NRHE no	Easting	Northing	Source(s)	Asset Description	Heritage Sensitivity
						Modern aerial photography (Google Earth, Bing Maps) there is a currently occupied cottage at this location and uncertain what original remains survive.	
HA08	Cross House, Building	-	339531	738183	Historic Maps; Aerial Photographs	A rectangular shaped building is depicted on historic OS maps at this cross road junction location, marked alongside NO33NE0014 as 'Cross House'. It is within a traingular area of enclosed land, alongside the benchmark marked at 'B.M. 508.4'. Modern aerial photography (Google Earth, Bing Maps) shows that no building exists at this location in what is now an improved field. The benchmark has been moved to the southwest.	Low
HA09	Balnuith, Quarry	-	339552	737787	Historic Maps; Aerial Photographs	Historic OS maps depict a quarry at this location, specifically labelled 'Old Quarry' by the second edition (1903). Situated within a field to the west of Balnuith farmstead. Cannot be seen from modern aerial photography (Google Earth, Bing Maps) in what is now an improved field.	Negligible