

Technical Appendix 5.2: Cultural Heritage Appraisal

1. Introduction

Utilising current legislation, policy and guidance as set out in **Chapter 5: Archaeology and Cultural Heritage**, this Technical Appendix screens nationally significant designated heritage assets for potential significant effects as a result of the Proposed Development. An initial appraisal of Designated Heritage Assets was conducted at Scoping (**Scoping Report Appendix B**) with a 10km study area.

In line with consultation responses, a 10km Study Area from the proposed turbines has been employed for nationally significant designated heritage assets and a 5km Study Area from the proposed turbines was employed for sites of a regional significance. At the request of East Ayrshire Council, Non-Inventoried Designed Landscapes (NIDLs)¹ have been assessed within 5km of the proposed turbines.

There are eight Scheduled Monuments, nine Category A Listed Buildings and one Inventoried Gardens and Designed Landscapes within 10km of the proposed turbine locations. There are nine Category B Listed Buildings, one Conservation Area and two non-Inventoried Gardens and Designed Landscapes within 5km of the proposed turbine locations.

Building on the initial appraisal carried out at scoping, a screening exercise has been employed to identify assets where there may be a significant effect. The results of this study are presented in this Technical Appendix.

2. Methodology

Assets that are included in the screening are assets of High heritage significance within a 10km radius, and assets of Medium heritage significance, specifically Category B-Listed Buildings, Conservation Areas and Non-inventoried Gardens and Designed Landscapes (NIDLs) within 5km, as set out in **Chapter 5, Table 5-3**.

The screening process has taken into account the following factors:

- The type of heritage asset and the aspects of its setting which contribute to its cultural significance;
- Analysis of the bare earth blade tip Zone of Theoretical Visibility (ZTV) figure (**Figure 5.2**) to determine the potential visibility from the heritage assets or, where relevant, in combination with them; and
- The distance of the assets from the proposed turbines.

3. Results

The following results have been broken down as per their designation category.

¹ East Ayrshire Council (2025). 'Local Development Plan 2: Gardens and Designed Landscapes'. Available at: <https://www.east-ayrshire.gov.uk/Resources/PDF/L/ldp2-gardens-and-designed-landscapes.pdf>



TA5.2 - 1: Scheduled Monuments within 10km of the Proposed Turbines

Designation Reference	Designation Title	Category	No. of Turbine Tips Visible (0-14)	Distance to the nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
SM6640	Muirkirk, remains of tar works, mines and structures E of Garpel Water	Industrial: mines, quarries	0-9	6.1	Southwest	The asset is the remains of tar works and mines, along with associated infrastructure, dating to the late 18th century. The asset is situated along the banks of Garpel Water, with the redirected Colt Burn running through its center. The asset's setting is functional in nature. The mines would have been placed on coal seam to allow for extraction. The works are placed adjacent to the larger Garpel Water and redirected the nearby Colt Burn to provide water for the works and the workers. The area is able to be viewed and appreciated from the single track roads which run through the asset's south and eastern sections. However, as the asset's setting is purely functional, long distance views do not contribute to the asset's cultural significance. Between 0-9 turbine tips would be visible from the asset, in views to the southwest. These turbine tips would not distract from the ability to understand, appreciate and experience the functional placement of the asset within the landscape and would not impact the asset's cultural heritage significance. As such, the asset is scoped out of further assessment.
SM5405	Chapelhouse, chapel and farmstead	Ecclesiastical: chapel; Secular: farmstead	0-14	4.2	South	The asset is a pre-reformation chapel and post-medieval farmstead. The asset is located on the western bank of Greenock Water, on slightly raised ground. The asset's setting comprises its placement alongside the river, which would have allowed access to water for agricultural purposes, and likely its secluded placement away from any major towns or villages in the area. This isolation may have been to allow for worshippers to better connect to their religion, to provide a place of worship for those in more remote farmsteads or have been a private chapel for those that constructed it.



Designation Reference	Designation Title	Category	No. of Turbine Tips Visible (0-14)	Distance to the nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
						Long distance views to and from the asset do not contribute to its cultural significance, instead, its isolated nature is best understood from the watercourse to its direct west and when in its immediate landscape. Whilst up to 14 turbine tips are visible from the western side of the asset, no turbine tips are visible from the remaining scheduled area. The inclusion of these tips would not impact the ability to understand, experience and appreciate the asset's setting. As such, it is scoped out of further assessment.
SM5537	Old Foundry Holm, ironworks	Industrial: iron and steel	0-1	3.3	South	The asset is the remains of an iron smelting works from the early 1700s. The asset's setting is functional, being placed along the southern bank of the River Ayr, which would have provided water for the smelting works, within a wider landscape of coal mining and industrial works. The iron works were sited in this location due to access to the resources it required. As such, long distance views do not contribute to the cultural significance of the asset, as its proximal, rather than visual relationships, to the surrounding mining landscape are important. Up to one turbine tip would be visible from the asset, however, this visibility would not impact the ability to understand, appreciate and experience the functional setting of the asset. It is scoped out of further assessment.
SM3311	Kyle Castle, 200m E of Dalblair	Secular: castle	0-12	1.9	Northwest	Scoped In for further assessment.
SM2469	Glen Garr, cairn	Prehistoric ritual and funerary:	7	8.4	Southeast	The asset, a prehistoric burial cairn, is located on Glen Garr Hill at approximately 430m AOD. Glen Garr Hill is a summit on the west of a roughly northeast to southwest aligned ridge. A slightly higher summit



Designation Reference	Designation Title	Category	No. of Turbine Tips Visible (0-14)	Distance to the nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
		cairn (type uncertain)				(434m AOD) lies to the asset's east, with higher peaks to the asset's north and slightly lower hills to the asset's south. Cairns are often located at elevated points within the landscape. As funerary monuments, it is likely that they were intended to be viewed from the surrounding landscape, and have views of the surrounding landscape, potentially acting as a symbolic way of allowing the deceased to watch over ancestral lands or relatives. They also appear to often serve a dual purpose, potentially acting as land or boundary markers. The asset's position on the west side of the ridge indicates that views to the west are of the most importance, as views to the east would be limited by topography. The asset has views over lower lying slopes in this direction, which contain several burns such as Cleuch Burn and Burn o' Need. The asset's views to the south would include a second cairn (SM2924), located on Blacksidend Hill, which would likely have shared intervisibility and created a prehistoric funerary landscape. Views to the north would be more limited due to the higher hills and undulating topography. The key approach towards the cairn would be along the northeast to southwest aligned ridge, including from nearby Blacksidend cairn SM2924, and from the landscape to the west. The ZTV indicates that seven turbine tips would be visible from the asset. These turbines would not be present in views when approaching the cairn from the west, due to the topography, and would not be directly present when approaching the cairn along the ridge, due to the orientation of the Proposed Development away from this field of view. When viewing SM2924 from the asset, the Proposed Development may be present in peripheral views, however, it is unlikely that they would be prominent as Blacksidend is orientated to the southwest of the asset, with the Proposed Development located to the southeast.



Designation Reference	Designation Title	Category	No. of Turbine Tips Visible (0-14)	Distance to the nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
						As such, the Proposed Development would not impact any of the key aspects of the asset's setting which contribute to its cultural significance. It is scoped out of further assessment.
SM2924	Blacksidend, cairn	Prehistoric ritual and funerary: cairn (type uncertain)	12-13	7.7	Southeast	The asset, a prehistoric funerary cairn, is located on Blacksidend Hill. It is located at approximately 400m AOD. Cairns are often found located at elevated points within the landscape. As funerary monuments, these features were likely designed to be visible within the surrounding landscape and to command views over it, symbolically allowing the deceased to watch over ancestral lands or kin. They often appear to serve a dual purpose, functioning not only as burial markers but also as territorial or boundary indicators. The asset is located on the most southwesterly end of a ridge, which runs roughly northeast to southwest. This position affords the cairn views to the south, over the valley of the River Ayr, however, the river itself may not be visible due to the undulating topography. The cairn is visible from areas within the valley below, which would provide a key point of appreciation, however, the undulating landscape means that it is not always visible from the south. The asset is also located c.1.7km southwest of Glen Carr Cairn (SM2469), which would likely have shared intervisibility and created a prehistoric funerary landscape. These aspects of the asset's setting contribute to the asset's cultural significance. Up to 13 turbine tips are anticipated to be visible from the asset, in views to the southwest. They would not be present in views from the asset towards SM2469 or if viewing or approaching the asset from the south, as they would not be within the key viewshed. When viewing the asset from Glen Carr Cairn (SM2469), the Proposed Development may be present in peripheral views, however, it is unlikely that they would be prominent as Blacksidend is orientated to the



Designation Reference	Designation Title	Category	No. of Turbine Tips Visible (0-14)	Distance to the nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
						southwest of the asset, with the Proposed Development located to the southeast. The turbine tips would be present in peripheral views from the asset when looking over the landscape to the south. They would not be directly present within these views and as such are unlikely to cause a distraction to the ability to understand, appreciate and experience the asset's connection to the lower lying landscape and the River Ayr. As such, the asset is scoped out of further assessment.
SM4631	Cairn Table, two cairns	Prehistoric ritual and funerary: cairn (type uncertain)	5-9	9.0	West	Scoped in for further assessment.
SM5670	Catrine, water works for Catrine Mill 30m S of 9 St Cuthbert's Street	Industrial: textiles	0-1	9.4	Southeast	The asset comprises the water management system which supplied the power for Catrine's cotton mills and bleaching works. The asset's setting is functional in nature, placed along the River Ayr, which provided the water source, and to the north of Catrine, where the mills are located. Long distance views do not contribute to the asset's cultural significance and as such, views of the Proposed Development would not impact the ability to understand, appreciate and experience the asset's functional placement and contribution to the industrial activity of Catrine. It is therefore scoped out of further assessment.



TA5.2 - 2: Category A Listed Buildings within 10km of the Proposed Turbines

Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
LB96	The Temple, In Policies Of Dumfries House.	12	8.4	East	Scoped in for further assessment
LB14272	Bridge Over River Ayr, Opposite Sorn Parish Church	4	8.3	Southeast	The asset is a hump-backed bridge, which spans the River Ayr. The bridge is primarily designated for its architectural value; however it does derive some cultural significance from its setting. The bridge's setting has a functional aspect, allowing the road to pass over the River Ayr, in addition to having an aesthetic aspect, as it is placed at a picturesque bend, allowing for a point of appreciation of the river and the surrounding village. The surrounding vegetation creates a boundary to the edge of these views and creates a feeling of seclusion. Whilst the ZTV indicates that up to four turbine tips would be visible to the southeast in a bare earth scenario, they are unlikely to be visible due to the amount of historic tree and vegetation coverage. Should they be present in views, they would be in the backdrop of views over the secluded river valley. The turbine tips in the backdrop of these views would not distract from the ability to understand, appreciate, or experience the asset's functional setting or its picturesque nature. It is therefore scoped out of further assessment.
LB14273	Sorn Castle	0-8	8.6	Southeast	Scoped in for further assessment.
LB14274	Stables, Sorn Castle	10	8.8	Southeast	The asset comprises the stables for Sorn Castle (LB14273), which lie c.275m to the southeast. They are primarily designated due to their architectural interest, as a very well-preserved classical courtyard range from 1830-1840. The setting of the stables comprises the historic estate associated with Sorn Castle. As a functional building, visual connection between the stables and the other parts of the estate was unlikely a key focus, however, there are views between the stables and the castle to the



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					southeast. The stables are accessed from the northwest via a driveway, indicating that this is the key approach and point of appreciation for the architecture of the stables. Whilst it is anticipated that up to 10 turbine tips would be visible from the asset, views of these turbine tips in the distance would not impact the ability to understand, appreciate and experience the architectural value of the asset, nor distract from the ability to understand, appreciate, and experience the position of the stable within the historic estate. It is therefore scoped out of further assessment.
LB14413	Dumfries House	14	8.2	East	Scoped in for further assessment.
LB14414	Avenue Bridge, Dumfries House Policies	12-13	8.5	East	Scoped in for further assessment.
LB14416	Dovecote Dumfries House	0-13	8.4	East	Scoped in for further assessment.
LB24093	Mercat Cross, The Square	9	5.6	East	The asset is a mercat cross, no longer in its original position, which occupies the town square in Cumnock. The mercat cross would have originally noted the location for a regular market or fair and would have been a community gathering point for other occasions. Whilst the cross has moved from its original spot, the asset's setting is similar, acting as a focal point in the heart of the village. External and long distance views from the cross do not contribute to the asset's setting. As such, any visibility of the proposed turbines would not impact on the ability to understand, appreciate and experience the asset within its setting. It is scoped out of further assessment.
LB24133	Bank (Or Templand) Railway Viaduct Over Lugar	0	4.9	East	Due to this asset, and contemporary asset's with intervisibility, falling outwith the ZTV, this asset has been scoped out of further assessment.



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
	Water In Woodroad Park				

TA5.2 - 3: Category B Listed Buildings within 5 km of the Proposed Turbines

Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
LB956	Craigston Square Nos. 1-10	11-13	3.2	East	The asset comprises a series of one-story miners' cottages, configured in an L-shape. The cottages were built for the workers associated with the Lugar iron works, which operated from the mid-1800s to the early 1900s. The asset is designated for its architectural interest, as well-preserved surviving cottages from this period, as well as its historic interest through its association with the mining history of Lugar. Whilst up to 13 turbine tips may be visible from the asset, external views do not contribute to the ability to understand, appreciate and experience the asset's architectural and historical value. The asset's setting is purely functional, related to the proximity of the cottages to the mining infrastructure. As such, the Proposed Development would not impact the cultural significance of the asset. It is scoped out of further assessment.
LB957	Craigston House	13	3.3	East	The asset is an early 19th century house, within its own grounds, with preserved original features such as molded corning, a pilastered doorway, and entablatures on scroll brackets. The asset is designated for its architectural value, as it is a well-preserved



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					house from this period. Its setting is confined to its historic grounds, which are preserved today, with long distance or outwards views not contributing to its cultural significance. As such, any visibility of the proposed turbines would not impact the ability to understand, appreciate or experience the asset or its setting within its associated grounds. It is scoped out of further assessment.
LB965	Logan Bridge	13	3.7	East	The asset is a bridge, which crosses Lugar Water and connects the parishes of Old Cumnock to Auchinleck. The asset is designated due to its architectural interest, as a well-preserved single arch bridge, with raised pointed parapets and square stone terminals. The bridge's setting is functional, providing a mode of access between two banks of the river. Long-distance views, or views of the wider landscape, do not contribute to the asset's cultural significance. As such, the Proposed Development would not impact the ability to understand, appreciate and experience the asset and its significance. The asset is scoped out of further assessment.
LB967	Railway Viaduct, Rosebank.	4-5	2.4	East	The asset is a railway viaduct, opened in 1872, which carries a dismantled branch of the Glasgow and South Western Railway over the Glenmuir Water. The asset is designated for its architectural interest, as a well-preserved viaduct comprising 14 arches of between 50ft and 30ft in height, as well as its historic value through its association to architect James Miller, who was well known for his railway architecture. The asset's setting is functional, carrying the railway over the watercourse. The architecture of the viaduct can be best appreciated from the low ground along the banks of the Glenmuir Water.



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					Visibility of up to five turbine tips would not impact on the ability to understand, appreciate or experience its architectural and historic value, nor distract from its point of appreciation, given the prominence of the asset when travelling along the banks of the watercourse. The asset is therefore scoped out of further assessment.
LB968	Glenmuir Bridge	14	1.4	Northeast	The asset is a bridge, which crosses the Glenmuir Water, carrying the Glenmuir Water Road over the watercourse. The asset is designated for its architectural interest, as a well preserved single arched bridge from its period. The bridge's setting is functional, as a method for crossing between the two banks of the watercourse. As such, long-distance or wide-ranging views do not contribute to the asset's cultural significance. Whilst up to 14 turbine tips are anticipated to be visible from the asset, these tips would not impact the ability to understand, appreciate, and experience the asset, its architectural value or its functional setting. It is therefore scoped out of further assessment.
LB970	Covenanters' Monument, Airds Moss	12	2.4	South	The asset is a memorial, marking the spot where a group of Covenanters were shot. A gravestone for one of the men, Richard Cameron, is also at the same location. The asset is designated for its architectural and historic value, as a well-preserved memorial from the late 1600s, as well as its connection to the Covenanter movement. The asset's setting is confined to its location on the moorland, as this was the place where the men were caught and killed. Long distance and wide-ranging views of the surrounding landscape do not contribute to the asset's cultural significance. As such, whilst up to 12 turbine tips are anticipated to be visible from the asset, their presence would not impact the ability to understand, appreciate or experience the memorial and its



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					architectural and historical interest. It is therefore scoped out of further assessment.
LB14382	Greenockmains	12	3.6	South	The asset is a one story courtyard farm, with well-preserved walled forecourt, limewashed byres and a cream washed center dwelling. The asset is designated for its architectural value, as a well-preserved farmstead building from its period. The asset's setting comprises its immediate surrounding farmland, which the occupants have continuously farmed since its construction. Long-distance views of the surrounding landscape do not contribute to the asset's setting. As such, whilst up to 12 turbine tips are anticipated to be visible from the asset, their presence would not impact the ability to understand, appreciate and experience the asset's architectural value, nor its relationship to the immediate surrounding agricultural landscape. It is therefore scoped out of further assessment.
LB14383	Greenockmains Bridge	8	3.5	South	The asset is a single humped-back bridge which spans Greenock Water, designated for its architectural value as a well-preserved post-medieval road bridge. The asset's setting is functional, providing access to both banks of Greenock Water. Views of the surrounding landscape do not contribute to the asset's cultural significance. As such, whilst up to eight turbine tips are anticipated to be visible from the asset, they would not be anticipated to impact the ability to understand, appreciate and experience the asset and its architectural interest, nor its functional role as a crossing over the Greenock Water. It is therefore scoped out of further assessment.
LB14393	Cairn Near Townhead Of Greenock	2	3.3	South	The asset is a cairn, erected in 1914, to mark the place where John Lapraik lived. Lapraik was a friend of Robert Burns and a poet in his own right. The asset is designated for its historical value, through its association with this friend of Burns. The asset's



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					setting comprises its location at the historic position of Lapraik's house. Views of the surrounding landscape do not contribute to its cultural significance. As such, whilst up to two turbine tips are anticipated to be visible from the asset, views of the turbine tips would not impact the ability to understand, appreciate and experience the asset and its historic interest. It is therefore scoped out of further assessment.

TA5.2 - 4: Conservation Areas within 5 km of the Proposed Turbines

Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
CA65	Lugar	0-14	2.4	East	The asset comprises the Conservation Area of Lugar. Lugar is a small post-medieval mining/industrial village, mainly focused along the northern edge of the A70 (Muirkirk Road). The village was created in 1845 to provide housing for the workers for Lugar Iron Works, as well as for the colliers and workers from the surrounding pits. The character of the village is thus derived from the preservation of these original miner's cottages and surviving buildings along Muirkirk Road and Craigston Square. The iron works are no longer in use, and the village has had some modern development and redevelopment in recent years, however, its character has been retained.



Designation Reference	Designation Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
					The village is approached along the A70, which runs roughly southwest to northeast and from which the conservation area is best appreciated. Views of the surrounding landscape do not contribute to the character of the conservation area or its cultural significance. As such, whilst up to 14 turbine tips would be visible in parts of the conservation area, the ability to understand the industrial character of the village would not be impacted. It is scoped out of further assessment.

TA5.2 - 5: Non-Inventory Designed Landscapes within 5 km of the Proposed Turbines

Centre Point Coordinate		Asset Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
Easting	Northing					
259392	620422	Logan	0-14	2.2	Northeast	This asset comprises the designed landscape of Logan, associated with the former Logan House. Located to the northeast of Cumnock, the non-inventoried GDL now encompasses the village and agricultural land parcels to the north and east. Lugar Water and Muirkirk Road (A70) pass through the northwestern section of the asset. Dating to the 18th and 19th centuries, Logan derives its cultural significance from its historical association with the former Logan manor house, which was removed in the mid-20th century, enabling the development of the village of Logan. The ancient



Centre Point Coordinate		Asset Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
Easting	Northing					
						woodland to the northwest of Logan and the plantations framing the southern edge, along Glenmuir Water Road and Crow Wood to the northeast, are surviving and contribute to the cultural significance of the landscape. Along with the remnant field boundaries, the surviving woodlands are the primary way that the historic landscape can be understood, as the original focal point of the Manor has been removed. Given that Logan House is no longer extant and it formed the core of the non-inventoried GDL, key points of appreciation are limited to the remnant field boundaries and woodland. Outward views and long distance views do not contribute to the significance of the asset. As such, whilst visible, the Proposed Development is not anticipated to impact the ability to understand, appreciate, and experience Logan and its former historic connection to Logan Manor house. The asset is thus scoped out of further assessment.
257310	626519	Dalgain	0-14	4.2	Southeast	This asset comprises Dalgain non-inventoried garden and designed Landscape. Spanning the River Ayr, Dalgain is located to the west of Sorn village and is bound to the north by the B743. Historically, the land was once part of the wider Sorn Castle estate and incorporates farmland, planted woodlands, and a public bridle path. Dalgain represents late 17th, 18th and early 19th century land ownership and development, with the



Centre Point Coordinate		Asset Title	No. of Turbine Tips Visible (0-14)	Distance to the Nearest Turbine (km)	Direction to the nearest turbine	Appraisal Comments
Easting	Northing					
						historic buildings within the landscape related to farming and agricultural activity. Primarily associated with plantation, agriculture and enclosures, there is further evidence of former milling activity within the non-inventoried GDL and its immediate environs. As such, the asset's setting is largely associated with the industrial and plantation developments taking place within the asset and is related to the neighboring landscape, particularly to the west, in which the Sorn estate is situated. It is likely that the Dalgain designed landscape provided agricultural and industrial activity which was financially associated with the more polite activity of the landscape closer to Sorn Castle. Key views are concentrated on the agricultural land and plantation within the non-inventoried GDL, with no views outside the site forming an aspect of its setting from which it derives its cultural significance. Whilst adjacent to the Sorn estate, there are no specific designed views to the castle itself. As such, whilst turbine tips are anticipated to be visible from within Dalgain, any visibility of the proposed turbines would not impact the ability to understand, appreciate, and experience the asset's agricultural setting. The asset is therefore scoped out of further assessment.

