

TA10.1 Cultural Heritage Assets within the Site

Technical Appendix 10.1:- Cultural Heritage Assets within the Site.

Site No.	Site Name and Type	Easting	Northing	SMR No. / RCAHMS Database No.	Source(s)	Description	Cultural Heritage Importance	Type of Impact	Magnitude of Impact	Significance of Impact
1	Stripe of Muckle Lyne; Settlement, Building(s)	298383	843970	NH94SE 0030; (NH94SE 11)	SMR; RCAHMS Database; Historic Maps; Field Survey	<p>A former settlement is located at Stripe of Muckle Lyne.</p> <p>The First and Second Edition Ordnance Survey maps (Nairnshire, Sheet VIII, 1874, 6" to 1 mile & Nairnshire, Sheet VIII.SE, 1906, 6" to 1 mile) depict a single unroofed building (1a) at this location. It is not shown on later editions of the Ordnance Survey map. Roy's Military Survey (1747-55) depicts the settlement of 'Lynemor', surrounded by an area of rig and furrow cultivation, to the north-north-east of Cairn Duhie; it is likely that the site recorded here corresponds with 'Lynemor' as shown on Roy's map.</p> <p>(1a) (298376, 843919) A two compartment rectangular building aligned north to south and measuring approximately 11 m x 7 m with walls between 0.5 and 0.7 m high was identified by the field survey. The remains are extremely overgrown with occasional stones visible.</p> <p>(1b) (298370, 843930) Remains of a further building which measures approximately 9 m x 5 m with turf covered walls approximately 1 m wide and 0.4 m high identified by the field survey. A possible internal division is present. To the immediate south-east of the building a sub-circular depression was recorded. The depression measured approximately 2.5 m x 3.5 m and was approximately 0.5 m deep. The function of this feature remains unclear.</p> <p>(1c) (298385, 843981) Remains of a further structure recorded by the field survey. The L-shaped structure survives as a turf-built bank approximately 0.6 m high surrounding a slight hollow which is approximately 0.3 m deep. The bank is approximately 1.5 m in width and encloses an area approximately 3 m square. The purpose of this structure was unclear.</p> <p>(1d) (298271, 844040) Remains of a field or enclosure to the west of the settlement remains recorded by the field survey. It comprises a sub-rectangular area enclosed by a low turf bank approximately 0.4 m in height.</p>	Local	None	None	None
2	New Inn Wood; Structure, Kiln	297263	844288	NH94SE 0029; (NH94SE 10)	SMR; RCAHMS Database; Historic Maps Field Survey	<p>The First and Second Edition Ordnance Survey maps (Nairnshire, Sheet VIII, 1874, 6" to 1 mile & Nairnshire, Sheet VIII.SE, 1906, 6" to 1 mile) depict an unroofed structure at this location.</p> <p>Field survey in 2012 found the remains of this square dry-stone built structure which measures approximately 5 m square. The structure has a small fan-shaped entrance with a stone lintel placed across it on its western side. The structure was interpreted as being the remains of a kiln, probably for drying corn.</p>	Local	None	None	None
3	Peat cutting	297304	842879		Field Survey	<p>An area formerly used for peat cutting was recorded by the field survey in 2012. The area was visible as a lower area of slightly better quality ground with less thick vegetation. The area of peat cutting was approximately 0.6 m deep.</p>	Lesser	Direct (impacted by construction of control building and substation compound)	High	Minor

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4	Quarries	297770	840988		Field Survey	<p>Field survey in 2012 found four disused quarries which probably relate to the construction of the road (the modern A939) which lies to the west of this location:</p> <p>(4a) (297784, 840991) approximately 10 m in diameter and approximately 1.5 m deep. (4b) (297775, 841000) approximately 6 m in diameter and approximately 1 m deep. (4c) (297760, 840976) approximately 2 m in diameter and approximately 0.5 m deep. (4d) (297809, 840994) approximately 5 m in diameter and approximately 1 m deep.</p>	Lesser	None	None	None
5	Carn Dubhaidh; Triangulation station, marker cairn	298154	842242		Historic Maps; Field Survey	<p>The First Edition Ordnance Survey map (Nairnshire, Sheet VIII, 1871, 6" to 1 mile) marks a triangulation station at this location.</p> <p>Field survey in 2004 and 2012 identified a marker cairn which is approximately 0.7 m in height and 6 m in diameter and which marks the summit of Cairn Duhie. No remains of a permanent triangulation station were found.</p>	Local	None	None	None
6	Shepherd's cairn	298151	842278		Field Survey	<p>Field survey in 2012 identified a sub-circular cairn which measures approximately 6 m in diameter and 0.9 m in height. The location of the cairn, close to the summit of Cairn Duhie, suggests that the feature is best interpreted as a shepherd's cairn; used as a marker to aid navigation across the fells.</p>	Local	None	None	None
7	Structure, Clearance cairn	297976	942290		Field Survey	<p>Field survey in 2004 and 2012 recorded a sub-rectangular pile of stone, measuring approximately 10 m x 6 m and up to 0.9 m in height. The regular rectangular shape of the feature suggests that it might be the remains of a building or other structure with collapsed and cleared material overlying. Alternatively it might be a simple field clearance cairn.</p>	Local	None	None	None
8	Clearance cairn	298017	842205		Field Survey	<p>Field survey in 2004 & 2012 identified a sub-circular clearance cairn measuring approximately 5 m x 7 m and up to 0.3 m in height. The clearance cairn is barely visible amidst thick heather vegetation.</p>	Local	None	None	None
9	Botnamain; Farmstead	297263	844288		Historic Maps; Field Survey	<p>The First Edition Ordnance Survey map (Nairnshire, Sheet VIII, 1871, 6" to 1 mile) depicts the farmstead of 'Botnamain' which comprises two roofed buildings and a small enclosed garden set within an enclosure (9a), with an area of improved pasture (9b) to the north-east. A trackway connecting the farmstead with the road (the modern A939) to the west is also shown. The farmstead is also depicted on the 2nd Edition Ordnance Survey map (Nairnshire, Sheet VIII.SE, 1906, 6" to 1 mile) by which date only one of the buildings is depicted as being roofed.</p> <p>Field survey in 2004 identified a possible kiln at this location, but the survey in 2012 was unable to relocate such a feature due to thick vegetation in the area.</p> <p>Field survey in 2012 identified a bank running roughly north to south which measures 15 m in length and is approximately 1 m wide and 0.3 m high. At its northern end the bank turns to run in an easterly direction for approximately 8 m and then turns to the south running for a further 8 m. This bank corresponds with the enclosure as shown on the First Edition Ordnance Survey map. A possible small building measuring approximately 2.5 m x 2.5 m adjoins the western bank, but survives only to one stone in height. The remains of the two buildings and the garden enclosure as shown on the First Edition Ordnance Survey map were not found by the field survey</p>	Local	None	None	None

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						due to thick vegetation in the area. The trackway depicted on the First Edition Ordnance Survey map remains in use.				
10	Clearance spread	297304	844450		Field Survey	Three discrete stone clearance spreads were recorded by the field survey, at the edge of a field, adjacent to the fence line.	Local	None	None	None
11	Clearance spread	297340	844330		Field Survey	Field survey in 2004 recorded an area of field clearance adjacent to an old fence line which marks the edge of an area of improved pasture. This area of field clearance extends from 297333, 844320 to 297357, 844339.	Local	None	None	None
12	Clearance cairn	297555	844914		Field Survey	Field surveys in 2004 and in 2012 identified a linear clearance cairn located to the east of Stripe of Little Lyne which measures approximately 30 m by 7 m and is up to 1.2 m high. The clearance cairn extends from 297555, 844914 to 297559, 844940.	Local	None	None	None
13	Structure, Grouse butt (possible)	298111	844248		Field Survey	Field survey found a turf-covered sub-rectangular depression (13a) (298118, 844250) approximately 1.2 m deep and with an internal diameter of approximately 3 m. The eastern side of the hollow has a gentler gradient with possible stepping. The purpose of this feature is unclear, but due to the depth of the cut into the slope, it is suggested that the feature is the remains of a grouse butt. A second feature (13b) is located further to the east (298107, 844245). It consists of a sub-rectangular structure set into the hillslope, with the cut at the centre of the feature being a maximum of 0.5 m in depth. The feature measures approximately 6 m x 4 m and a possible internal division was evident. The purpose of the feature was unclear but its rectangular shape suggests that it might be the remains of a building.	Local	None	None	None
14	Building	297161	843014		Field Survey	The footings of a rectangular building with a small doorway and porch on its eastern side were identified by the field survey in 2012. The building, which is not depicted on any cartographic sources, measures approximately 14 m x 9 m, with walls approximately 1.8 m thick and up to 0.8 m high. The remains are heavily overgrown with heather, moss and grass.	Local	None	None	None
15	Clearance cairn(s)	298150	842314		Field Survey	Field survey in 2004 recorded three clearance cairns located within an area of heather moorland. Further field survey, in 2012, was unable to relocate these features in an area of thick heather vegetation. 15a (at 298152 842314) is recorded as being approximately 4 m x 5 m and approximately 0.4 m high, visible as a sub-circular mound with some exposed stones. 15b (at 298146 842316) is recorded as being approximately 3 m in diameter and up to 0.3 m in height. 15c (at 298145 842308) is recorded as being approximately 3 m in diameter and was approximately 0.2 m in height.	Local	None	None	None
16	Hut circle(s) (possible); Shieling huts	298190	842235		Field Survey	Field survey in 2004 recorded two circular bank features on a small plateau to the immediate east of the summit of Cairn Duhie, interpreted as being possible hut circles. The location of these structures, close to a plateau of better quality ground to the north of the summit of Cairn Duhie suggests that they might be shieling huts: small dwellings which were occupied on a seasonal basis by people tending animals on upland pastures. 16a (298187, 842241) is recorded as being a circular earth and stone bank of approximately 7 m in diameter. 16b (298194, 842230) is recorded as consisting of a circular earth and	Local	None	None	None

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						stone bank approximately 4 m in diameter. Further field survey in 2012 could not relocate these features in an area covered by thick heather vegetation.				
17	Structure	298113	842266		Field Survey	Field survey in 2012 identified a dry-stone built structure located within thick dense heather vegetation. The feature is rectangular in form, and was approximately 9 m x 6 m with the walls surviving to a maximum height of 0.7 m. It is located within a sheltered hollow on the western edge of Cairn Duhie. A sheltered area of improved grassland lies to the west of the remains on a slight plateau. The structure is most likely to be the remains of a small building or shieling hut.	Local	None	None	None
18	Clearance cairn	297703	844649		Field Survey	A modern field clearance cairn was recorded at the edge of an area of improved pasture. The cairn measures approximately 7 m in diameter and a maximum of 0.7 m in height.	Lesser	None	None	None
19	Trackway				Historic Maps; 2004 Field Survey; 2012 Field Survey	The First Edition Ordnance Survey map (Nairnshire, 1874, Sheet VIII, 6" to 1 mile) and Bartholomew's map (1912) both depict a trackway. The trackway is not depicted on later cartographic sources. Field survey in 2004 recorded that part of the trackway survived (between 297000, 84270 and 29845, 84202). The 2012 field survey failed to find any further traces of the track.	Lesser	None	None	None
20	Carn Dubhaidh; Shepherd's Cairn	298130	842208		Historic Maps; Field Survey	The First Edition Ordnance Survey map (Nairnshire, 1874, Sheet VIII, 6" to 1 mile) marks a "Cairn (Of Stones)" at this location. Field survey in 2012 found that a number of large boulders are present in this area, but that there was nothing which could be identified as a cairn.	Lesser	None	None	None
21	Clearance cairn(s); Structure	298096	844911		Field Survey	Field survey in 2004 recorded the possible footings of a structure measuring approximately 3 m x 4 m and 0.2 m in height, although precise location information was not recorded at that time. Further field survey in 2012 failed to relocate the remains described. Six clearance cairns were identified within a field of semi-improved pasture: 21a (at 298076 844876) measures approximately 6 m in diameter and 0.3 m high. 21b (at 298088 844896) measures approximately 3 m in diameter and 0.2 m high. 21c (at 298094 844906) was difficult to define as it was almost entirely moss covered but measured at least 3 m in diameter. 21d (at 298110 844935) is a maximum of 0.2 m high and approximately 5 m in diameter. 21e (at 298113 844939) measures approximately 6 m in diameter and a maximum of 0.4 m high. 21f (at 298115 844947) measures approximately 4 m in diameter and a maximum of 0.3 m high.	Local	None	None	None

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22	Clearance cairn	298026	844840		Field Survey	Field survey in 2004 recorded a series of four irregularly shaped stone clearance cairns within a semi-improved field. The cairns are recorded as extending between 298026, 844839 and 298056, 844843. The cairns range in size from between 3 m and 6.5 m in length by 1 m to 1.5 m in width and 0.3 m to 0.9 m in height. Further field survey in 2012 identified three areas of field clearance which were found to be smaller than those previously recorded and which are a maximum of 0.3 m in height. It is possible that the cairns have become increasingly overgrown causing them to appear smaller.	Local	None	None	None
23	Structure	297397	844371		Field Survey	The collapsed remains of a structure survive as a rectangular, partially turf-covered heap of rocks recorded by field survey. The remains measure approximately 12 m east to west and 9 m north to south, and are located on a low mound within an area of improved pasture.	Local	None	None	None
24	Trackway	297518	844657		Field Survey	A trackway connecting the farmstead of 'Little Lyne' with areas of improved pasture around the former farmstead of 'Botnamain' was recorded by field survey in 2012. The trackway, which remains in use, is approximately 3 m wide.	Lesser	None	None	None
25	Clearance cairn	297740	844700		Field Survey	An area of field clearance was found at the edge of an area of improved pasture; the clearance forming a linear spread 5 m wide and rarely more than one stone in height.	Local	None	None	None
26	Grouse Butts (shown as brown points on Figure 10.1)				Field Survey	A number of grouse butts (of two different types) were recorded across the site: (a) Narrow rectangular slot trenches up to 3 m in length, 1 m wide and up to 0.75m deep. Each of these trenches has a bank of upcast soil on its downslope side. (b) Sub-rectangular depression with surrounding banks. They measure up to 6 m in width, and up to 0.7 m deep with banks up to 0.7 m in height. Many have a small drainage channel running downslope from their interior. The grouse butts survive in a variety of conditions, often largely overgrown by heather and other vegetation.	Lesser (collectively of Local importance)	Direct	High (but only on a limited number of the recorded grouse butts)	Minor (of 63 grouse butts located within the Site, only 7 might potentially be impacted)

TA10.2 Assessment of Potential Operational (Indirect) Impacts on Heritage Assets

Technical Appendix 10.2 -Assessment of Potential Operational (Indirect) Impacts on Heritage Assets

Site No.	Site Name	Status	Easting	Northing	Importance of Asset	Characterisation of Setting	Contribution of Setting	Sensitivity of Setting	Maximum No. of turbine hubs visible according to ZTV model	Maximum No. of turbine tips visible according to ZTV model	Distance to nearest turbine (km)	Effect Magnitude	Significance of Predicted Effect
2470	Dunearn, fort 510m S of	Scheduled Monument	293242	840674	National	The remains of the fort occupy a prominent crag within the Findhorn Valley which would have been important for defensive and/or display purposes. It has good views in all directions, including towards the proposed development, although at present views are screened by trees which surround the fort.	High	High	20	20	4.2	Low	Minor
3135	Shian Hillock, cairn 445m SE of The Knapp	Scheduled Monument	291639	849786	National	Well preserved cairn which forms a prominent feature in the landscape. The cairn is located in a riverside setting and has good views along the Muckle Burn to the north-east and south-west.	High	High	20	20	8.4	Low	Minor
3606	Higher Hillhead, cairn 715m NNE of	Scheduled Monument	291624	851672	National	Some clearance cairns survive in the vicinity suggesting that this cairn was part of a more extensive prehistoric landscape. Set within a commercial forestry plantation. Surrounding trees would screen views of the proposed turbines.	Low	Medium	20	20	9.9	Imperceptible	Negligible
4362	Aitnoch, cairn, hut circle & field system 1400m SSE of	Scheduled Monument	298539	838327	National	Site located on a south-east facing slope. Topography limits views to the north towards the proposed development, and means that the key view from this site was to the southeast (and away from the proposed development).	Moderate	Medium	7	16	3.5	Low	Minor
11738	Levrattich, cairn 340m W of	Scheduled Monument	294477	845685	National	Good example of a well preserved round cairn situated on gently sloping hillside above deep river valley. Appears to have been intentionally positioned both to be seen from the wider landscape and so that the wider landscape can be seen from it.	High	High	20	20	3.6	Low	Minor
11818	Little Banchor, depopulated settlement 1130m WSW of Banchor	Scheduled Monument	290212	840153	National	Set in rural location on the banks of the River Findhorn.	High (localised)	High (localised)	5	7	7.3	Imperceptible	Negligible
11832	Burnside, bridge 300m W of	Scheduled Monument	294376	840240	National	Military road bridge dating from the 18th century. The bridge is now out of use, the river which it crossed has changed course and the modern road follows a different alignment from the military road at this location.	Moderate	Medium	0	15	3.4	Imperceptible	Negligible
90020 / 551	Ardclach Bell Tower	Scheduled Monument & Category	295381	845334	National	Hilltop location with extensive views to the east, south and west. The bell tower is believed to have operated as a defensive watchtower, and this position is therefore	High	High	20	20	2.7	Low	Minor

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		A Listed Building & Historic Scotland Property In Care				important to understanding its function. The site is a promoted visitor attraction. The bell tower is located in relation to the parish kirk which is located to the south-east, in the valley below.							
1231	Lochindorb Castle	Scheduled Monument	297450	836320	National	Substantial remains of a 13th century castle located on a partially man-made island in Lochindorb.	High	High	0	0	5.4	Low	Minor
557	Dulsie Bridge (over River Findhorn)	Category A Listed Building	293195	841443	National	18th century bridge crossing the River Findhorn which at this point runs through a deep gorge. The setting of this bridge is in relation to the deep gorge, and the banks which are at different levels on either side, creating an unusual slanting appearance.	High (localised)	High (localised)	0	4	4.1	Low	Minor
564	Logie Bridge, Ferness (over River Findhorn)	Category A Listed Building	295961	846227	National	Setting is in relation to the River Findhorn. Intervening forestry is likely to screen views of the proposed turbines.	High	High	0	3	2.9	Imperceptible	Negligible
N/A	Darnaway Castle	Inventory Garden and Designed Landscape	299576	855156	National	Key elevation of house faces to the north-east, it is set on a series of terraces which form an important element of the GDL. A sunken lawn is located on the south-eastern side of the house. Otherwise the policies largely comprise woodland some of which is now managed commercially. The Darnaway forest policies would help to screen views of the proposed development.	High	High	15	20	11.2 (From the building of Darnaway Castle, the centre of the GDL).	Low	Minor
N/A	Relugas	Inventory Garden and Designed Landscape	299931	849046	National	Example of the picturesque style of landscape design, but which has been diminished. The main approach is from the modern B9007 road in a roughly northwards direction through the designed landscape.	High	High	4	20	5.5	Imperceptible	Negligible
553	Ardclach Old Manse Steading and Garden Wall	Category B Listed Building	294924	846103	Regional	Set within own gardens, and in relation to Ardclach Parish Church. Main elevation of house looks to the north-west.	Moderate (localised)	Medium (localised)	16	20	3.5	Low	Minor
555	Coulmony House and Walled Garden	Category B Listed Building	297502	847677	Regional	Set within own grounds, and in relation to other features of the designed landscape, including the fish pond to the south. House overlooks the River Findhorn. Main elevation of house faces to east.	High (localised)	High (localised)	1	9	3.7	Low	Minor

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563	Glenferness House Gate Lodge, Gate Piers and Entrance Gates	Category B Listed Building	295164	843046	Regional	Localised setting at junction of road (modern B9007) and the driveway leading to Glenferness House. Forestry located on both sides on the B9007 road at this location would partially screen views of the proposed development.	High (localised)	High (localised)	20	20	2.0	Low	Minor
1737	Clunas	Category B Listed Building	288204	846488	Regional	Set within own grounds at the end of a tree-lined avenue. Key views from the house are to the east, and turbines will not be visible in this arc of view. The trees of the avenue, and woodland to the east of the house would partially screen views of the proposed development.	High (localised)	High (localised)	20	20	9.5	Low	Minor
2172	Dunphail Mains Farmhouse and Former Cartshed/Granary	Category B Listed Building	300892	848283	Regional	Set within the wider Dunphail estate, and in relation to Dunphail House. There are views to the south-west towards the proposed development, but these would be partly screened by woodland which lies to the south-west of the farmhouse.	High (localised)	High (localised)	11	20	5.3	Imperceptible	Negligible
2189	Edinkillie Railway Viaduct (Divie Viaduct) over River Divie	Category B Listed Building	302192	846481	Regional	Localised setting to River Divie and north-south alignment of former railway to east of Edinkillie. Best appreciated from road through valley; also has views along former track-bed north and south.	High (localised)	High (localised)	20	20	5.0	Imperceptible	Negligible
5103	1-6 (Inclusive) Ferness Village	Category B Listed Building	296241	844836	Regional	Set within the village of Ferness. Local topography and intervening woodland would screen views of the majority of the turbines.	High (localised)	Medium (localised)	4	10	1.7	Imperceptible	Negligible
49222	Dava, Loch Allan, AA Sentry Box (No 746)	Category B Listed Building	300440	838792	Regional	Localised setting adjacent to road and at junction of modern A939 and A940 roads.	Moderate (localised)	Low (localised)	2	17	3.7	Imperceptible	Negligible
353	Dava Bridge over Allt Na Ceardaich	Category C Listed Building	300377	838328	Local	Localised setting in relation to Allt na Ceardaich.	High (localised)	Medium (localised)	15	18	4.0	Imperceptible	Negligible
558	Dulsie Farmhouse, Dulsie Bridge	Category C Listed Building	293241	841541	Local	Localised setting in relation to other farm buildings. Woodland to the immediate south of the farmhouse is likely to partially screen views of the proposed turbines.	High (localised)	Medium (localised)	18	20	4.1	Imperceptible	Negligible
559	Ferness Village, Schoolhouse with School	Category C Listed Building	296291	844958	Local	Set within the village of Ferness. Local topography and intervening woodland would screen views of the majority of the turbines.	High (localised)	Medium (localised)	0	3	1.7	Imperceptible	Negligible
565	Newton of Belivat	Category C Listed Building	295604	847515	Local	Set within own gardens and enclosed by woodland. Also located in relation to adjacent outbuilding.	High (localised)	Medium (localised)	12	16	4.2	Imperceptible	Negligible

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2160	Braemoray Lodge	Category C Listed Building	299788	842834	Local	Hunting lodge set within wider area of woodland. The key views from the lodge are to the north and south. (The service wing located to the west is not included in the listing).	Moderate	Low	18	20	1.3	Medium	Minor
2161	Bridge of Knocklach over Knocklach Burn	Category C Listed Building	300817	845281	Local	Localised setting in relation to Knocklach Burn.	High (localised)	Medium (localised)	0	5	3.2	Imperceptible	Negligible