

Technical Appendix 6.1: Heritage Assets within Inner Study Area (Figure 6.1)

This appendix provides details on the heritage assets recorded within the Inner Study Area identified through desk-based assessment and walk-over field survey, together with an assessment of their heritage sensitivity, a summary of direct impacts on a site-by-site basis and proposed mitigation¹.

This appendix should be read in conjunction with Chapter 6: Archaeology and Cultural Heritage, Section 6.3: Baseline Conditions. The locations and extents of the recorded heritage assets are shown on Figures 6.1

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
1	Building; Outbuilding, Hill of Forss	MHG39596; MHG1207 / 7806	306430	968120	HER; Canmore; Aerial photos; Field survey	<p>The HER and Canmore entries record that Mercer (1981) recorded a rectangular longhouse, described as being 9 m east to west by 5 m by 1 m high, with an outbuilding.</p> <p>A rectangular building adjacent to a small square area of partially enclosed improved ground is shown on the Ordnance Survey 1st Edition map (Caithness, sheet V, 1877) at this location. The building is shown as unroofed on the Ordnance Survey 2nd Edition map (Caithness-shire, sheet V, 1907).</p> <p>The footings of a small structure are visible on aerial photographs from 1946 and 1964, and on modern aerial photography (ESRI ArcGIS).</p> <p>Field survey found the farmhouse building to be as described by Mercer. The walls of the building measure 0.8 m-0.9 m wide, tumbled to 3 m in places, with a mortared core. Wall facing is visible on the southeast and southwest corners and on the northern edge of the building with an entrance on the southwest side, 0.8 m-1 m wide. A low platform 1.5 m wide abuts the northern exterior edge. There is no obvious trace of the outbuilding recorded by Mercer other than a low grassy platform, 5 m by 3 m by 0.3 m high, immediately to the east of the building. The building and possible outbuilding remains lie on a roughly square area of leveled ground, cut into the slope by 0.4 m. No trace of the enclosed improved ground shown on the Ordnance Survey 1st Edition map was found.</p>	Low
2	Possible Round Cairn, Hill of Forss	MHG849 / 7782	306300	968220	HER; Canmore; Field survey	<p>The HER and Canmore entries record that Mercer (1981) recorded a circular, heather-covered mound, possibly a cairn, described as being 7 m by 5 m by 0.2 m high.</p> <p>Field survey found no visible trace of the possible cairn; the area at the time of survey being heather-covered ground disturbed by farm vehicle tracks and cattle trampling. A mound corresponding to the description provided by Mercer was located ca 200 m west at 306150, 968208 (see asset 20 below).</p>	Negligible
3	Buildings, Hill of Forss	MHG1206 / 7805	306110	968920	HER; Canmore; Field survey	<p>The HER and Canmore entries record that Mercer (1981) recorded a rectangular stone building, described as being 7 m by 5 m with a possible doorway. An adjacent structure lies to the northwest.</p> <p>Field survey found the denuded, turf-covered footings of two structures (or one longer building with two compartments). The most southerly structure corresponds to Mercer's description, and measures 7 m by 5 m defined by banks 0.8 m to 1.5 m wide and up to 0.5 m high at its northern edge. A possible doorway is present on the southwestern side. A smaller structure, 4.5 m by 4 m, defined by banks 1 m wide by 0.3 m-0.4 m high lies immediately to the north.</p>	Low
4	Taldale: Farmstead	MHG18335 / 90701	306010	969100	HER; Canmore; Historic maps; Aerial photos; Field survey	<p>The HER and Canmore entries record that a farmstead comprising three roofed buildings, one of which is T-shaped, an unroofed building, an unroofed structure and two enclosures is depicted on the Ordnance Survey 1st Edition map (Caithness, sheet V, 1877). One roofed building, one unroofed building, shown as ruined, and an enclosure are shown on the Ordnance Survey 1969 map.</p> <p>The Ordnance Survey 1st Edition map depicts 'Taldale' as two conjoined buildings forming a roughly L-shaped range, attached to an enclosure with four compartments (4a). A small rectangular building is shown to the southeast, within a larger, roughly square, enclosure (4b); a well is shown to the west (4c). The farmstead is shown within several sub-rectangular areas of unfenced old fields (4d). A similar layout is shown on the Ordnance Survey 2nd Edition map (Caithness-shire, sheet V, 1907), but the farm enclosure has only three compartments, and the building to the southeast is shown as unroofed. The sub-rectangular areas of unenclosed fields are no longer shown, the area being shown as rough pasture.</p> <p>The farm buildings and enclosures (4a), together with the small building and enclosures (4b) are visible on aerial photographs from 1946 and 1964; the northernmost building of the L-shaped farmstead being unroofed. The areas of former fields (4d) are not visible; these having been amalgamated into later enclosed rectangular fields.</p>	Low

¹ Highlighted rows denote assets identified by field survey undertaken by Mercer (1981) where field survey for this study (2016) found no remains at the recorded locations conforming to the descriptions provided by Mercer. Where features conforming to Mercer's descriptions were found by the present field survey at other locations, the appropriate recorded site cross-reference is provided in the description.

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
						<p>Only the footings of the farmstead and attached enclosures (4a) are visible on modern aerial photography (ESRI ArcGIS). The areas of former fields (4d) are visible as improved pasture within the modern field pattern.</p> <p>Field survey found the derelict remains of the farmstead (4a) to comprise one roofed building, aligned roughly east to west, measuring 13 m by 5 m and 6 m in height, with two rooms and a small outbuilding, 5 m by 2 m abutting the northwestern exterior. The remains of two other buildings were found on the northeastern corner, abutting each other and forming an L-shape, and measuring 9 m by 4.5 m by up to 1.5 m high, and defined by walls 0.7 m-0.8 m wide with mortared cores. The remains of the square enclosure (4b) are visible as a slightly raised platform, 0.4 m high, and a wide grassy bank, 2 m-3 m wide by 0.4 m high, corresponding to the enclosure's northern edge. There was no trace of the well (4c) the recorded location, which lies within improved pasture. The farmstead remains now lie within an area of improved pasture farmland.</p>	
5	Hut Circle, Brims	MHG847 / 7780	305750	968830	HER; Canmore; Field survey	<p>The HER and Canmore entries record that Mercer (1981) recorded a possible hut circle, described as about 5 m in diameter, with a nearby circular structure consisting of a grass-and-heather covered bank with stones visible, 10 m in diameter by 0.15 m high.</p> <p>Field survey found no trace of the possible hut circle (5a). The faint trace of a possible circular enclosure (5b), ca 10 m in diameter, defined by tall grass and a very poorly preserved bank 1 m by 0.1 m high, was identified at 305745, 968820.</p>	Low
6	Mill Lade, Brims	MHG402 / 7823	305700	968950	HER; Canmore; Historic maps; Field survey	<p>The HER and Canmore entries record that a mill lade is shown on the Ordnance Survey 1st Edition map (Caithness, sheet IV, 1876).</p> <p>The 1st Edition map shows the lade (Mill Lead) leading from a series of watercourses on the moorland and running to the northwest. The lade is shown, but not annotated, on the Ordnance Survey 2nd Edition map (Caithness, sheet IV, 1907).</p> <p>No above ground remains of the lade were visible in what is an area of rough pasture where it leads from the Burn of Brims (at 305806, 968795) to the north (at 305755, 968907), although it may survive as an underground structure. From 305755 968907 the lade is visible as a linear ditch (ca 0.7 m wide and ca 0.5 m deep) running parallel with a farm track in a northwesterly direction to Forss Holdings (and outside the survey area).</p>	Low
7	Possible Cairn, Brims	MHG1217; 7829	305180	968930	HER; Canmore; Field survey	<p>The HER and Canmore entries record that Mercer (1981) recorded a possible cairn, described as sub-circular, 15 m by 10 m by 0.5 m high, destroyed on its east side.</p> <p>Field survey found no trace of the possible cairn; the recorded location lies under a field boundary marked by a wide linear bank and fence and within improved pasture fields.</p>	Negligible
8	Sheepfold		306141	968494	Historic maps; Aerial photos; Field survey	<p>A circular sheepfold with four sections of wall extending from its outer edge, roughly at the cardinal points, is shown on the Ordnance Survey 1st Edition map (Caithness, sheet V, 1877). The sheepfold is still shown, but not annotated, on the Ordnance Survey 2nd Edition map (Caithness-shire, sheet V, 1907) at the same location.</p> <p>The sheepfold is visible on aerial photographs from 1946 and 1964, and on modern aerial photography (ESRI ArcGIS).</p> <p>Field survey found the sheepfold to be constructed of drystone walls, 0.8 m-1 m wide by 0.5 m-1 m high. The circular fold measures 10 m in diameter internally, with the 'arms' each measuring ca 15 m in length. There is an entrance on the southwest side.</p>	Low
9	Old quarry		306330	968531	Historic maps; Aerial photos; Field survey	<p>An old quarry is shown on the Ordnance Survey 1st Edition map (Caithness, sheet V, 1877) and on the Ordnance Survey 2nd Edition map (Caithness-shire, sheet V, 1907).</p> <p>The quarry is visible on aerial photographs from 1946 and 1964.</p> <p>Field survey found a large area of quarrying, grassed over but visible as an exposed quarry face ca 0.8 m-1m deep, and used for farm storage.</p>	Negligible
10	Old quarry		306779	968852	Historic maps; Aerial photos; Field survey	<p>An old quarry is shown on the Ordnance Survey 1st Edition map (Caithness, sheet V, 1877) and on the Ordnance Survey 2nd Edition map (Caithness-shire, sheet V, 1907).</p> <p>Field survey found the quarry (10a) to be a sub-circular, reed and water-filled feature, ca 13 m across by at least 1 m deep, and with entrances on the north and south sides. A second possible area of quarrying (10b) lies to the northwest at 306765 968817, visible as a semi-circular cut and bank, defining an area 11 m across.</p>	Negligible
11	Mound, Brims	MHG846 / 7779	305730	968850	HER; Field survey	<p>The HER and Canmore entries record that Mercer (1981) records a sub-rectangular, grass and gorse-covered mound, 30 m east to west by 15 m by 3 m high.</p>	Negligible

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
						Field survey did not find any feature matching that described by Mercer. A large modern linear mound measuring at least 50 m long and 14 m wide, ranging in height from 1 m to 3 m, is present just west of the Burn of Brims and at the location previously recorded by Mercer. The mound is a modern construction that has been built from imported stone and gravel and forms both a feeding station for farm animals and a link between farm access tracks leading from Taldaie and Fors Holdings to fields on the western edge of the land holding.	
12	Building		305581	969159	Historic maps; Aerial photos; Field survey	An L-shaped roofed range of buildings a second, small rectangular building and a small square outhouse are shown on the Ordnance Survey 1 st and 2 nd Edition maps (Caithness-shire, sheet IV, 1876; 1907). The L-shaped building depicted on the historic Ordnance Survey mapping is visible as a roofed structure on aerial photographs from 1946, together with an additional building to the northwest. Aerial photographs from 1964 show the same buildings, with two additional buildings to the northwest. These buildings are not visible on modern aerial photography (ESRI ArcGIS). Field survey found no trace of the historic former buildings. The site is now occupied by modern farm buildings.	Negligible
13	Well		305437	968993	Historic maps; Field survey	A well is shown on the Ordnance Survey 1 st and 2 nd Edition map (Caithness-shire, sheet IV, 1876; 1907). Field survey found no trace of the well; its recorded location lies within an area covered with gorse bushes.	Negligible
14	Reservoir/dam		305871	969008	Historic maps; Aerial photos; Field survey	A reservoir with a sluice is shown on the Ordnance Survey 1 st Edition map (Caithness-shire, sheet IV, 1876). The reservoir is labeled as a dam on the Ordnance Survey 2 nd Edition map (Caithness-shire, sheet IV, 1876). The reservoir is visible on aerial photographs from 1946 and 1964 but it is not visible on modern aerial photography (ESRI ArcGIS). Field survey found no trace of the dam; its recorded location is now a storage area for silage and farm equipment.	Negligible
15	Well		305867	968917	Historic maps; Field survey	A well is shown on the Ordnance Survey 1 st and 2 nd Edition map (Caithness-shire, sheet IV, 1876; 1907). Field survey found no trace of the well; its recorded location lies within a heavily vegetated area of reeds and grass, cut with drainage ditches.	Negligible
16	Enclosure		305999	968249	Aerial photos; Field survey	A circular structure, possible a sheepfold, is visible on aerial photographs from 1946 and 1964. Field survey found the remains of a circular enclosure measuring 10 m internally, defined by heather and grass covered walls 1.6 m wide by 0.2 m high with some wall facing visible on the western arc, where the wall is best preserved. A possible marker cairn (19) lies on the eastern arc of the enclosure. The enclosure is likely to be a former sheepfold.	Negligible
17	Mound, Hill of Forss	MHG406 / 68477	306593	968895	HER; Field survey	The HER and Canmore entries record that Mercer (1981) recorded a circular, heather and moss-covered mound, 6 m in diameter and 0.5 m high, with stone visible. Field survey did not identify any remains of a mound as described by Mercer at this location, although a slight turf-covered roughly circular mound (4 m by 0.2 m) was found close to the cited location. The mound is poorly preserved and difficult to define; although occasional stones were detected below the turf, this feature is unlikely to be the remains of a cairn. A mound corresponding to the description provided by Mercer was located ca 100 m west at 306491, 968875 (see asset 51).	Negligible
18	Platform; Clearance		305987	968531	Field survey	Field survey identified a sub-rectangular grassy platform, 5 m by 4 m by 0.3 m high, lying adjacent to a farm track and covered with a low pile of large boulders, 3 m by 3 m by 0.3 m high. The feature may be the remains of a small building or structure or may alternatively be stone from field clearance.	Negligible
19	Marker cairn		306004	968256	Field survey	Field survey identified a possible marker cairn lying on the eastern side of an enclosure (16). The cairn is triangular in plan, and measures 2 m by 2 m by 1.5 m, by 0.7 m high and is aligned to the ENE.	Negligible
20	Mound / Cairn (possible)		306150	968208	Field survey	Field survey identified a low, oval turf-covered mound, 6 m by 2.5 m by 0.2 m high, in an area of reedy vegetation surrounded by heather moorland. No stones were detected below the turf and this feature is unlikely to be the remains of a cairn. This possible cairn corresponds with the description given by Mercer at another location (asset 2 above).	Negligible
21	Turf structure (possible)		306496	968263	Field survey	Field survey identified the remains of a horseshoe-shaped possible structure, 5 m by 4 m, defined by heather-covered turf banks 1 m-1.2 m wide by 0.2 m high, open to the northwest.	Low

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
22	Road		306573	967890	Historic maps; Field survey	A road is depicted on the Ordnance Survey (1877) 'Caithness' Sheets V.9 & v.13 running past Blackheath Farm and leading to the Hill of Forss Quarries (25). The line of the former road can be seen on modern aerial photography (ESRI ArcGIS), partially in use as farm access tracks. Field survey found that part of the road survives running along the western side of a modern post and wire fence. The road measures 4 m wide on a raised embankment (0.4 m high). A stone lined culvert (0.3 m wide and 0.4 m deep) passes under the road at 306614, 967730.	Negligible
23	Well		306815	967824	Historic maps; Field survey	A well is depicted on the Ordnance Survey (1877) 'Caithness' Sheet v.13 (combined). No evidence for a well survives in this area and the feature may have been a natural spring. A modern drainage ditch crosses the area.	Negligible
24	Building		306847	967352	Historic maps; Field survey	A small, rectangular roofed building with an attached roofed outbuilding at its northwest end is depicted on the Ordnance Survey (1877) 'Caithness' Sheet v.13 (combined). The building is shown unroofed on the (1906) 'Caithness-shire 005.13 (includes: Thurso)' edition. The outline of the building is visible on modern aerial photography (ESRI ArcGIS). Field survey found the grass-covered footings of the building located just east of a field wall in an area of rough pasture. It measures 8 m by 4 m with walls 1.2 m wide and 0.4 m high. An entrance is visible on the south end.	Low
25	Hill of Forss Quarries	MHG48867 / 275708	307520 306815	967590 967173	HER; Canmore; Historic maps; Field survey	Hill of Forss Quarries, an extensive area of working faces and spoil heaps, is depicted on the Ordnance Survey (1877) 'Caithness' Sheet v.13 (combined) and (1906) 'Caithness-shire 005.13 (includes: Thurso)' edition. On the 1906 edition it is shown as 'disused'. The quarry works are visible on modern aerial photography (ESRI ArcGIS). The aerial imagery indicates that parts of the quarry, in particular that part of it that lies within the Proposed Development site, has been in use in recent times. The section just south of 'Hopefield' appears to be in use for farm storage. Field survey found a large and extensive area of stone quarry working extending southwestwards from 'Hopefield' farm. Large amounts of worked Caithness stone slabs and stone debris are present within and around the disused quarry working, which appears to be in occasional use.	Negligible
26	Old Quarry		305539	967465	Historic maps; Field survey	An old quarry is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.16 (Combined)' maps on the northwest side of Cairnmore Hillock. The disused quarry is visible on modern aerial photography (ESRI ArcGIS). Field survey found the quarry cut into a grassy knoll within moorland. The quarry is rectangular in plan measuring ca 30 m by ca 20 m and ca 1.5 m deep. The edges of the quarry appear to have been recently cut with a mechanical excavator, suggesting that the quarry has recently been re-used.	Negligible
27	Building	MHG1204 / 7803	305833	968060	Historic maps; Field survey	The HER and Canmore record that Mercer (1981) recorded a rectangular house lying east west and measuring 1 m (sic) (presumably 10 m) by 5 m by 0.5 m high. It has one subdivision and has a semi-circular enclosure attached. A small, unroofed building is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' and 1906 ('Caithness-shire 004.12 (includes: Thurso)') map. The remains of the building, and what may be an old square enclosure surrounding it, are visible on modern aerial photography (ESRI ArcGIS). Field survey found the grass-covered footings of the building (28a) located within an enclosure (28b) bounded by remnant banks. The building, which is split into two compartments, measures 9 m by 4 m with drystone walls 0.4 m high. The banks defining the enclosure are best preserved on the north side, visible as a 1.5 m wide and 0.3 m high heather covered bank with an external ditch (1 m wide and 0.6 m deep).	Low
28	Building	MHG1203 / 7802	305505	968063	Historic maps; Field survey	The HER and Canmore record that Mercer (1981) recorded a stone-walled house, 5 m by 5 m by 1 m to 2 m high with an enclosure 8 m by 5 m attached.	Low

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
						<p>A small, rectangular roofed building with an attached roofed outhouse at its west end is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' map. The main building is shown on the 1906 ('Caithness-shire 004.12 (includes: Thurso)') map as roofed but the attached outhouse is shown unroofed.</p> <p>The remains of the building and what may be an old square enclosure to its northwest are visible on modern aerial photography (Bing™).</p> <p>Field survey found the remains of the building and associated enclosure on a west-facing slope within rough pasture. The building measures 6 m by 4 m (internally) within tumbled mortared stone walls surviving to 1.8 m high (max) on the northeastern side. An entrance is visible in the southwest wall leading from the building into a small yard defined by a turf and stone enclosure bank (2 m wide and 0.3 m high).</p>	
29	Well		3054111	968018	Historic maps; Field survey	<p>A well is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' and (1906) 'Caithness-shire 004.12 (includes: Thurso)' maps.</p> <p>No trace of a well was located in this area, although a natural spring in this area may have once been used as a source of water.</p>	Negligible
30	Quarry		305370	968338	Historic maps; Field survey	<p>An old quarry is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' and (1906) 'Caithness-shire 004.12 (includes: Thurso)' maps.</p> <p>The former quarry is visible on modern aerial photography (Bing™) as a water-filled hollow.</p> <p>Field survey found both quarries which survive as water-filled hollows.</p>	Negligible
31	Quarry		305250	968208	Historic maps; Field survey	<p>An old quarry is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' and (1906) 'Caithness-shire 004.12 (includes: Thurso)' maps.</p> <p>Field survey found the turf covered quarry (ca 30 m by 20 m by 2 m deep) cut into a northwest slope. No working surfaces are visible.</p>	Negligible
32	Well	-	305649	968555	Historic maps; Field survey	<p>A well is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' and (1906) 'Caithness-shire 004.12 (includes: Thurso)' maps.</p> <p>No trace of a well was found in this area, although a natural spring in this area may have once been used as a source of water.</p>	Negligible
33	Building	-	305582	968383	Historic maps; Field survey	<p>A small, rectangular roofed building with a small rectangular enclosure to its southwest side is depicted on the Ordnance Survey (1876) 'Caithness Sheet IV.12' map. The building is shown as being unroofed on the (1906) 'Caithness-shire 004.12 (includes: Thurso)' and the enclosure as still present.</p> <p>The outline of the former building and enclosure are visible on modern aerial photography (Bing™).</p> <p>Field survey identified the grass-covered footings of the building (33a) and enclosure (33b) on a northwest facing slope in an area of rough pasture. The building (33a), which appears to have been of two compartments, measures 8 m by 3 m (internally) within drystone walls (1.2 m thick and 0.5 m high). The enclosure (33b) (15 m by 8 m) lies directly southwest of the building and is defined by a turf and stone bank (1.2 m wide and 0.5 m high) with an external ditch (1 m wide by 0.4 m deep).</p> <p>This site corresponds to the description of sites (39 and 40 below) recorded by Mercer (1981) with incorrect grid references.</p>	Low
34	Possible structures		305989	968159	Aerial photography; Field survey	<p>A group of possible structures: one small rectangular possible building (ca 4 m by 3 m), a small circular possible sheepfold (ca 5 m diameter) and a larger rectangular enclosure (ca 12 m by 10 m) are visible on modern aerial photography (Bing™) in an area of rough moorland.</p> <p>Field survey identified the remains of a possible hut (or small building) located at 305980, 968157 within an area of rough pasture. The structure appears to be roughly D-shaped in plan and measures 4 m by 4 m defined by a turf bank 1.2 m wide by 0.3 m high. There is an entrance visible on the southwest side.</p> <p>No trace of the other features identified from the aerial photography was found.</p>	Low

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
35	Possible building	-	306196	969602	Aerial photography; Field survey	What may be remains of a possible building (ca 11 m by 3 m) are visible on modern aerial photography aligned southwest-northeast in improved pasture. Field survey identified the poorly preserved remains of a possible building surviving as a terraced platform (11 m by 4 m by 0.5 m high) on the north side of a small watercourse and on the edge of an area of improved pasture. The centre of the platform is marked by a heap of slabs and boulders (4 m by 3 m) but there is no surviving stone content of any in situ walls.	Negligible
36	Possible building	-	306697	968373	Aerial photography; Field survey	What may be remains of a possible building (ca 7 m x 3 m) aligned east to west are visible on modern aerial photography in an area of rough moorland close to a drainage ditch. Field survey found what may be the remains of a small turf built building (or alternatively an area of turf cutting) surviving as a short section of turf bank (1.2 m by 0.2 m) defining the southwestern side and western end of a rectangular hollow (7 m by 3 m by 0.3 m deep) located on the edge of a bog at Hill of Forss.	Negligible
37	Rig and Furrow	MHG1210 / 7809	306760	967710	HER; Canmore; Aerial photos	The HER and Canmore entries record that Mercer (1981) recorded rig and furrow comprising strips about 3 m wide running northeast to southwest. Traces of relict rig are visible on modern aerial photography (Bing™). No upstanding remains of the rig and furrow were visible during the field survey; the area in which the former cultivation remains are recorded is now covered in dense grass and thistles	Negligible
38	Rig and Furrow	MHG1209 / 7808	306890	967940	HER; Canmore; Aerial photos	The HER and Canmore entries record that Mercer (1981) recorded rig and furrow comprising strips about 2 m wide running northwest to southeast. Very faint traces of possible relict rig are visible on modern aerial photography (Bing™). No upstanding remains of the rig and furrow were visible during the field survey; the area in which the former cultivation remains are recorded is now covered in dense grass and thistles.	Negligible
39	Building	MHG1202 / 7801	305730	968260	HER; Canmore	The HER and Canmore entries record that Mercer (1981) recorded a partly grass covered rectangular house, 8 m northwest to southeast by 3 m by 1 m high, with an internal division. No trace of a building was found at the location recorded by Mercer. However, a building corresponding to the description provided by Mercer was located ca 200m northeast at 305582 968383 (see Site 33).	None
40	Structure	MHG1201 / 7800	305730	968270	HER; Canmore	The HER and Canmore entries record that Mercer (1981) recorded a rectangular grass covered structure 20 m northwest to southeast by 9 m by 0.5 m to 1 m high. No trace of a structure was found at the location recorded by Mercer. However, an enclosure corresponding to the description provided by Mercer was located ca 200 m northeast at 305582 968383 (see Site 33).	None
41	Structure(s); Wall	MHG1195; MHG39595 / 7794	305410	968480	HER; Canmore	The HER and Canmore entries record that Mercer (1981) recorded a heather and grass-covered structure, 10 m northwest to southeast by 9 m by 0.1 m high. Another structure, about 6 m in diameter, lies immediately to the south and there is a wall nearby. Field survey did not find any remains corresponding with the description of the structure recorded by Mercer although an old field wall running in a northwest to southeast direction as recorded on modern mapping was noted.	Negligible
42	Cairn (possible)	-	306491	968875	Field survey	Field survey recorded what may be the remains of a partially robbed cairn surviving as a circular grass-covered mound (5 m in diameter and 0.8 m high) in a prominent location on a west-facing slope. The cairn corresponds to the description provided by Mercer (1981) for a possible burial cairn at 306593, 968895 (see asset 17).	Medium
43	Quarry, Stone	-	306500	968601	Field survey	Field survey recorded a large rectangular quarry (70 m by 20 m by 1.2 m deep) in an area of rough pasture at Hill of Forss. The quarry is not shown on the Ordnance Survey 1 st Edition (1877), 2 nd Edition (1907) or 1949 Ordnance Survey maps and is likely to be modern in date. A large upright earthfast slab (1.3 m high by 1 m wide by 0.15 m thick) was recorded at 306516, 968590 marking the southern edge of the quarry. The stone is likely to have been placed there during quarrying works and is not thought to be of any antiquity.	Negligible
44	Clearance cairn	-	305226	968168	Field survey	Field survey recorded a grass and thistle covered boulder heap measuring 8 m by 4 m on the edge of a rough pasture field.	Negligible

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
45	Blackheath, Farm	MHG37241 / 192274	307040	968330	HER; Canmore; Historic maps; Aerial photographs	The HER and Canmore entries record the presence of Blackheath Farm. An L-shaped steading and a horse engine house, annotated 'Blackheath', is depicted on the Ordnance (1872) 'Caithness Sheet V.9' map. The same farmstead is shown on the Ordnance (1906) map, by this date the steading has been substantially extended and modified. The partially roofed farmstead is visible on modern aerial photographs (GoogleEarth™).	Low
46	Well	-	306971	968284	Historic maps	A well is depicted on the Ordnance Survey (1873 & 1906) 'Caithness, Sheet V.9' maps.	Negligible
47	Quarry	-	306847	968031	Historic maps; Aerial photograph	A rectangular quarry is depicted on the Ordnance Survey (1873) 'Caithness, Sheet V.9' map but not shown on the Ordnance Survey 1906 map. The quarry is not visible on modern aerial photographs (GoogleEarth™) in what is now a flat improved field.	Negligible
48	Hopefield, Building	MHG18334 / 90700	307260	967870	HER; Canmore; Aerial photograph	The HER and Canmore entries record that a single unroofed building is depicted on the Ordnance Survey (1877) 'Caithness, Sheet V' map, but not shown on the 1969 Ordnance Survey map. No remains of the building are visible on modern aerial photographs (GoogleEarth™) in what is now a flat improved field.	Negligible
49	Hopefield, Burnt Mound, Cairn	MHG1200 / 7799	307140	967710	HER; Canmore	The HER and Canmore entries record that nothing worth of note was found when a cairn, of which hardly a trace remains, was cut through by a road in the late 19 th century. Field survey by the Ordnance Survey (1964) recorded that all that remains of the cairn is a grass-covered ridge, 1 m high and 2 m wide, containing many rubble stones. The cairn has been destroyed on the southwest by the construction of a road and on the northeast by ploughing. Later survey by Mercer (1981) records that the mound is a burnt mound rather than a cairn, with the trackway cutting revealing a section containing burnt and organically stained material.	Low
50	Hill of Forss Windmill	MHG858 / 7791	307570	967650	HER; Canmore	The HER and Canmore entries record the presence of a windmill near the disused Hopefield quarries. The windmill measures 3.5 m in diameter and 6 m high, with entrances in the east and west. The location of the 'Old Windmill' is marked on the Ordnance Survey (1876) 'Caithness, Sheet V' map to the east of a range of buildings (65) at Hopefield. The windmill is visible on modern aerial photographs (GoogleEarth™).	Low
51	Pond, Dam and Sluice	-	307077	967753	Historic maps; Aerial photograph	A rectangular pond with a dam and sluice is depicted on the Ordnance Survey (1906) 'Caithness, Sheet V.13' map. The outline of the pond is visible on modern aerial photographs (GoogleEarth™).	Negligible
52	Building	-	307012	967889	Historic maps; Aerial photograph	A partially roofed L-shaped building is depicted on the Ordnance Survey (1886) 'Caithness, Sheet V.13' just west of the track to Hopefield Farm, but not shown on the Ordnance Survey (1906) map. No remains of the building are visible on modern aerial photographs in what is now a flat improved field.	Negligible
53	Well	-	307158	967636	Historic maps	A well is depicted on the Ordnance Survey (1886) 'Caithness, Sheet V.13' map just north of Hopefield Farm.	Negligible
54	Hopefield Farmstead	-	307186	967579	Historic maps; Aerial photograph	A farmstead, annotated 'Hopefield', is depicted on the Ordnance Survey (1886) 'Caithness, Sheet V.13' map comprising of L-shaped steading and another building immediately south surrounded by four enclosures. The same farmstead is shown on the Ordnance Survey (1906) map, by this date the building to the south of the steading has been extended and two further buildings have been added to the south. The farmstead is visible on modern aerial photographs (GoogleEarth™). The farmstead has been modified and the L-shaped steading and the most southern building are no longer visible. A large modern barn has been constructed to the north of the remaining buildings.	Low
55	Building	-	307114	967530	Historic maps; Aerial photograph	A rectangular building is shown on the Ordnance Survey (1906) 'Caithness, Sheet V.13' on the northern edge of Hill of Forss Quarries (25). No remains of the building are visible on modern aerial photographs (GoogleEarth™).	Negligible

Asset No	Asset name / type	HER no / Canmore no	Easting	Northing	Source(s)	Asset Description	Asset Sensitivity
56	Lythmore Moss, Longhouse	MHG391 / 7812	306990	967150	HER; Canmore; Historic maps; Aerial photograph	<p>The HER and Canmore record that Mercer (1981) recorded the presence of a longhouse (26 m northeast to southwest by 5.5 m by 2.5 m high) with internal divisions and an annex.</p> <p>The footings of a long building, split into at least five compartments, are visible on modern aerial photographs (GoogleEarth™) in an improved arable field.</p>	Low

Technical Appendix 6.2: Assets within Outer Study Area and within 5km of the Proposed Development

This appendix provides details on the heritage assets recorded within the Outer Study Area and within 5km of the Proposed Development, that have predicted 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. Assets where there is no predicted visibility of the Proposed Development are excluded (for assessment methodology employed see Chapter 6: Archaeology and Cultural Heritage, Section 6.2: Assessment Methodology and Significance Criteria).

This appendix should be read in conjunction with Chapter 6: Archaeology and Cultural Heritage, Section 6.3: Baseline Conditions and Section 6.: Assessment of Likely Effects. The locations, and extents, of the heritage assets are shown on Figures 6.2.

Those heritage assets identified by HES and HET as requiring detailed consideration, even when the significance of the predicted effect is assessed as being not significant in EIA terms, are discussed in Chapter 6: Archaeology and Cultural Heritage, Section 6.4: Assessment of Likely Effects.

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
SM 469	Mill of Knockglass, long cairn 100 m SSE of, Bridge of Westfield	Scheduled Monument	High	Rural farmland location in rough pasture/heather moorland on north bank of Forss Water. Cairn aligned north-west to south-east; broad end at south-east. One of a group of monuments within valley setting, with two burial cairns (SM470 & SM471) and an Iron Age broch (SM562) at Westfield village	3.8	5	5	Low Proposed Development visible from cairn in views to north-east, view along main axis, to south-east, unaffected. Local associations within group at Westfield unaffected.	Minor	Fig 6.2.7
SM 470	Mill of Knockglass, cairn 220 m S of, Bridge of Westfield	Scheduled Monument	High	Rural farmland location in rough pasture/heather moorland on south bank of Forss Water. One of a group of monuments within valley setting, with two burial cairns (SM469 & SM471) and an Iron Age broch (SM562) at Westfield village	4.0	5	5	Low Proposed Development visible from cairn in views to north-east. Local associations within group at Westfield unaffected.	Minor	Fig 6.2.7
SM 471	Mill of Knockglass, chambered cairn 320 m SSE of, Bridge of Westfield	Scheduled Monument	High	Rural farmland location in rough pasture/heather moorland on south bank of Forss Water. One of a group of monuments within valley setting, with two burial cairns (SM469 & SM470) and an Iron Age broch (SM562) at Westfield village	4.1	5	5	Low Proposed Development visible from cairn in views to north-east. Local associations within group at Westfield unaffected.	Minor	Fig 6.2.7
SM 554	Green Tullochs, broch & cairn 640 m NNW of Borrowston Mains	Scheduled Monument	High	Coastal margin location in rough pasture immediately to west of Forss Wind Farm and Forss Business and Technology Park. Open aspect is to sea to north and monuments visible on approach from sea. Rising ground to south partially obscures inland views.	4.9	5	4	Negligible Proposed Development visible in views to south-east but through and beyond Forss Wind Farm.	Minor	Fig 6.2.11
SM 562	Knockglass, broch 300 m SSW of Mill of Knockglass	Scheduled Monument	High	Rural farmland location in rough pasture/heather moorland on north bank of Forss Water. One of a group of monuments within valley setting, with a group of burial cairns (SM469, SM470 & SM471) at Westfield village	4.1	5	5	Low Proposed Development visible from cairn in views to north-east. Local associations within group at Westfield unaffected.	Minor	Fig 6.2.7
SM 579	Scrabster Mains, broch 1000 m W of	Scheduled Monument	High	Rural coastal farmland setting in rough pasture on south-east facing slope, with open aspect to Thurso and coast. Rising ground to north-west obscures visibility in that direction. Location	2.0	5	4	Medium Proposed Development visible in near view from site of broch but not in views of broch remains, viewed from A836 from south-west.	Moderate	Fig 6.2.3 & 6.2.4

¹ Visibility in this column is based on analysis of the blade tip height ZTV. Where the number of tips given in this table differs from that shown on the accompanying visualisations this is because of differences resulting from the modelling.

² Visibility in this column is based on analysis of the hub height ZTV. Where the number of hubs given in this table differs from that shown on the accompanying visualisations this is because of differences resulting from the modelling.

³ Determined using the criteria in Tables 6.2 – 6.4 and using professional judgement to arrive at the level of significance.

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
				visible as low mound viewed from A836. No direct intervisibility with (SM587) to south-west.				Immediate landscape context preserved and coastal views south-east to Thurso unaffected.		
SM 587	Thing's Va, broch 1000 m E of Blackheath, Scrabster	Scheduled Monument	High	Rural farmland setting in rough pasture on east facing slope, with open aspect to Thurso and coast. Rising ground to west obscures visibility in that direction. Location visible as low mound viewed from minor road to east. No direct intervisibility with (SM579) to north-east.	1.1	5	5	Medium Proposed Development visible in near view from site of broch and in backdrop of views of broch remains, viewed from east. Immediate landscape context preserved.	Moderate	Fig 6.2.1 & 6.2.2
SM 618	Thurso, St Peter's Church and Burial Ground	Scheduled Monument	High	Localised, urban setting within Thurso townscape	5.0	5	5	None Urban townscape setting not adversely affected.	None	
SM 2386	Creag Bhreac Mhor, stone rows 200 m ESE of	Scheduled Monument	High	Rough pasture/heather moorland location on terrace on north-west-facing slope of Cnoc Freiceadain. Open aspect to coastal to north-west; rising ground to south obscures views to south and east.	4.9	5	0	Negligible Proposed Development screened from view by topography of hillside in views north-east. Open aspect to north-west unaffected.	Minor	
SM 2630	Scrabster Castle	Scheduled Monument	High	Coast edge location between A9 road to Scrabster harbour and the sea. Modern housing immediately adjacent to south and west obscures inland views. Main views focussed to north-east over the sea.	3.7	5	5	Negligible Proposed Development screened from view by modern housing estate. Coastal setting unaffected.	Minor	
SM 5510	Brims Castle	Scheduled Monument	High	Coastal location with later farmstead and more recent farm buildings immediately to north-west. Localised setting	3.2	5	5	Low Proposed Development visible in inland views to south-east. Views on approach to castle unaffected. Localised coastal setting unaffected.	Minor	Fig 6.2.8
SM 90078 / PIC 284	Cnoc Freiceadain, long cairns	Scheduled Monument/PIC	High	Prominent hill top location with extensive views all round. Baillie Wind Farm close by to south-east and Dounreay on coast to north. Cairns a visible feature of local landscape.	5.0	5	5	Low Proposed Development visible in view to north-east, beyond Baillie Wind Farm in foreground. Locally prominent setting unaffected. Wider ranging landscape views from cairns unaffected.	Minor	Fig 6.2.5
SM 90086 / PIC 318	Crosskirk, St Marys Chapel and broch S of Chapel Pool	Scheduled Monument/PIC	High	Coastal setting in rough pasture directly to south-east of Science Park and Forss Wind Farm. Localised coastal setting with open aspect sea views to north and visible from sea approach.	4.1	5	5	Low Proposed Development visible in inland views to south-east, beyond the River Forss valley. Localised coastal setting unaffected.	Minor	LVIA VP 4 (Figure 5.2.4)
LB 14953	Lythmore Farm Steading, Centre Range	Category B Listed Building	Medium	Localised rural farmland setting as part of range of farm buildings, with farmhouse and associated buildings as a group.	1.4	5	3	Low Proposed Development visible in backdrop to buildings in views to north-east on approach from south. Localised group setting unaffected. Range remains prominent local building. Key visual links and relationships with associated buildings unaffected.	Minor	
LB 44721	Forss Water, Humpback Bridge	Category B Listed Building	Medium	Localised riverside setting along now abandoned old road line. Localised setting)	1.8	5	4	Low Proposed Development visible in views to north-east, partly screened by valley topography. Localised riverside setting unaffected.	Minor	
LB 14925	Forss Mill and Miller's House (East)	Category B Listed Building	Medium	Localised riverside setting within hamlet of Bridge of Forss, alongside A836.	2.4	5	5	Negligible	Negligible	

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
								Topographically localised riverside setting & screening provided by woodland to south and west.		
LB 14926	Forss Bridge of Forss Over Forss Water	Category B Listed Building	Medium	Localised riverside setting within hamlet of Bridge of Forss, alongside A836.	2.4	5	5	Negligible Localised riverside setting & screening provided by woodland to south and west.	Negligible	
LB 14990	Forss Mill (West Bank of Forss Water)	Category B Listed Building	Medium	Localised riverside setting within hamlet of Bridge of Forss, alongside A836.	2.5	5	5	Negligible Topographically localised riverside setting & screening provided by woodland to west.	Negligible	
LB 14923	Forss House	Category B Listed Building	Medium	Localised riverside setting within hamlet of Bridge of Forss, alongside A836.	2.6	5	5	Negligible Localised riverside setting & screening provided by surrounding woodland.	Negligible	
LB 7796	Westfield Farmhouse, adjoining Range of Dwellings and Dovecote	Category B Listed Building	Medium	Enclosed, rural farmland setting to east of Westfield hamlet. Surrounded by trees and part of a closely associated group with farmhouse and dwelling range. Localised setting.	3.5	5	5	Low Proposed Development visible in views to north from surroundings. Localised enclosed setting unaffected.	Minor	
LB 14991	Lybster Farm Steading	Category B Listed Building	Medium	Localised rural farmland setting as part of range of farm buildings, with farmhouse and associated buildings as a group.	3.5	5	5	Low Proposed Development visible in backdrop to buildings in views to east on approach from west. Baillie Wind Farm seen in backdrop to farmstead in views from A836 junction to Forss Business and Technology Park. Localised group setting unaffected. Range remains prominent local building.	Minor	
LB 14952	Holborn Head Lighthouse and attached Keeper's House	Category B Listed Building	Medium	Coastal setting at north of ferry terminal at harbour at Scrabster.	4.2	5	5	Negligible Distant views of development to south-west. Open aspect to seaward unaffected. Locally prominent visibility from sea approach unaffected.	Negligible	
LB 41968	7, Campbell Street	Category B Listed	Medium	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41986	24, Durness Street Allendale	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.6	4	2	None Urban townscape setting not adversely affected.	None	
LB 41987	Granville Street, Pentland House and Garden Walls	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.3	4	2	None Urban townscape setting not adversely affected.	None	
LB 41970	11, Campbell Street	Category B Listed	Medium	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41971	13, Campbell Street	Category B Listed	Medium	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41998	22, 24, Manson's Lane The Brewer's House (22) and Old Brewery (24)	Category B Listed	Medium	Localised, urban setting within Thurso townscape	4.8	1	0	None Urban townscape setting not adversely affected.	None	
LB 42003	20, Miller's Lane	Category B Listed	Medium	Localised, urban setting within Thurso townscape	5.0	5	3	None Urban townscape setting not adversely affected.	None	

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
LB 42005	Odrig Street Bank of Scotland	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.6	2	0	None Urban townscape setting not adversely affected.	None	
LB 42006	Odrig Street former St Andrew's Church	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.6	4	2	None Urban townscape setting not adversely affected.	None	
LB 42037	11, Traill Street	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 41999	5, Market Street	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.8	5	4	None Urban townscape setting not adversely affected.	None	
LB 42047	K6 Telephone Kiosk at Town Hall	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.8	5	2	None Urban townscape setting not adversely affected.	None	
LB 49296	High Street, Thurso Heritage Museum (former Carnegie Library)	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.9	5	2	None Urban townscape setting not adversely affected.	None	
LB 41988	High Street, Town Hall	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.9	5	3	None Urban townscape setting not adversely affected.	None	
LB 42026	Shore Street, Kippering House with Kiln, Fish-House, Yard, Store and Shop	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.9	5	5	None Urban townscape setting not adversely affected.	None	
LB 42045	7 Wilson Lane	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	4.9	5	5	None Urban townscape setting not adversely affected.	None	
LB 14983	Reay Free Church, enclosing walls to frontage and Memorial sited therein, Achimenach, by Shebster	Category B Listed Building	Medium	Rural, coastal farmland setting, alongside minor road through Shebster farming hamlet. Localised setting.	5.0	5	0	Negligible Distant views of development to north-east, beyond Baillie Wind Farm. Local setting not affected.	Negligible	
LB 42025	16, 18, Shore Street	Category B Listed Building	Medium	Localised, urban setting within Thurso townscape	5.0	5	5	None Urban townscape setting not adversely affected.	None	
LB 14924	Forss Cottage	Category C Listed Building	Low	Localised riverside setting within hamlet of Bridge of Forss, alongside A836.	2.3	5	5	Low Localised setting & screening provided by woodland around property boundary.	Minor	
LB 14954	Scrabster House	Category C Listed Building	Low	Elevated position in coastal setting at south end of Scrabster harbour	3.2	5	5	Low Localised setting with eastward sea views and views north over harbour; screening to south and west provided by woodland along property boundary.	Minor	
LB 41967	1, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	2	0	None Urban townscape setting not adversely affected.	None	
LB 41969	9, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41972	15, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None	None	

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
								Urban townscape setting not adversely affected.		
LB 41975	2, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	2	0	None Urban townscape setting not adversely affected.	None	
LB 41976	4 and 6, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB41977	8, Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41978	10, 12 Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41979	14, 16, 18 Campbell Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	1	0	None Urban townscape setting not adversely affected.	None	
LB 41982	Castle Street, Congregational Church	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.4	1	0	None Urban townscape setting not adversely affected.	None	
LB 41983	Castle Street former West Public Primary School	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.4	2	0	None Urban townscape setting not adversely affected.	None	
LB 41997	Manson's Lane The Meadow Well House	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	1	0	None Urban townscape setting not adversely affected.	None	
LB 42000	6, 7, Market Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.8	5	4	None Urban townscape setting not adversely affected.	None	
LB 42004	21, Millar's Lane	Category C Listed	Low	Localised, urban setting within Thurso townscape	5.0	5	5	None Urban townscape setting not adversely affected.	None	
LB 42007	43, 45 Orlig Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.5	4	1	None Urban townscape setting not adversely affected.	None	
LB 42008	16, Orlig Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.6	2	0	None Urban townscape setting not adversely affected.	None	
LB 42009	Masonic Hall (former Drill Hall) including Gatepiers, Boundary Walls and Railings, Orlig Street, Thurso	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.5	3	0	None Urban townscape setting not adversely affected.	None	
LB 42010	Pennyland House, former Threshing Mill, Cottages and Boundary Walls, Thurso (excluding former byre and stable to south, and extension to house to north dating to around 2009)	Category C Listed Building	Medium	Localised, urban setting within Thurso townscape	3.9	5	5	None Urban townscape setting not adversely affected.	None	
LB 42012	Princes Street, Greenacres, House and Stable with	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.3	5	0	None	None	

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³	VP Figure (where applicable)
	Gighthouse. (former Free Church and subsequently Church of Scotland Manse)							Urban townscape setting not adversely affected.		
LB 42013	2, Princes Street and Court Yard Wall	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42014	4, Princes Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42015	6, Princes Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42016	8, 10 Princes Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42017	12, Princes Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42020	15, Riverside Place	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.8	1	0	None Urban townscape setting not adversely affected.	None	
LB 42021	23, Riverside Place	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.8	1	0	None Urban townscape setting not adversely affected.	None	
LB 42023	9, Rose Street ("Aldourie") and 11 Rose Street ("Bothangarrow")	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.5	1	0	None Urban townscape setting not adversely affected.	None	
LB 42036	1, 3, 5, 7, 9 Traill Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.7	2	0	None Urban townscape setting not adversely affected.	None	
LB 42043	8, Wilson Street	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	4.9	5	2	None Urban townscape setting not adversely affected.	None	
LB 42046	8 Wilson Lane	Category C Listed Building	Low	Localised, urban setting within Thurso townscape	5.0	5	5	None Urban townscape setting not adversely affected.	None	
	Thurso	Conservation Area	Medium	Urban setting within wider Thurso townscape	4.3	5	5	None Urban townscape setting not adversely affected.	None	

Technical Appendix 6.3: Assets within Outer Study Area and between 5km and 10km of the proposed development.

This appendix provides details on the heritage assets recorded within the Outer Study Area and within 5km of the Proposed Development, that have predicted 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. Assets where there is no predicted visibility of the Proposed Development are excluded (for assessment methodology employed see Chapter 6: Archaeology and Cultural Heritage, Section 6.2: Assessment Methodology and Significance Criteria).

This appendix should be read in conjunction with Chapter 6: Archaeology and Cultural Heritage, Section 6.3: Baseline Conditions and Section 6.: Assessment of Likely Effects. The locations, and extents, of the heritage assets are shown on Figures 6.2.

Those heritage assets identified through the tabulated assessment and those identified by HES and HET as requiring detailed consideration, even when the significance of the predicted effect is assessed as being not significant in EIA terms, are discussed in Chapter 6: Archaeology and Cultural Heritage, Section 6.4: Assessment of Likely Effects

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³
SM 421	Achvarasdal House, two stones N of	Scheduled Monument	High	Localised woodland setting within grounds of Achvarasdal House. No views out to wider landscape. No visibility from wider landscape.	8.1	5	5	None No visibility due to enclosing woodland.	None
SM 426	Bridge of Broubster, standing stones 1350 m NE of	Scheduled Monument	High	Rural, moorland location, directly adjacent to forestry plantation. Open aspect to north to view of Baillie Wind Farm; open aspect of horseshoe setting is to SSW, towards Morven.	6.8	5	5	Negligible Proposed Development visible in distant views to northeast, currently largely screened by forestry plantation. Local setting and view to SSW not affected.	Minor
SM 427	Bridge of Broubster, stone circle 700 m ENE of Broubster Village	Scheduled Monument	High	Rural, moorland location in Forss Water valley, lying between Loch Calder and Lochan Ealach. Other stone settings/standing stones to north (SM426) and to northeast (SM428)	7.8	5	4	Negligible Turbines partly screened from view by topography and additionally by forestry plantation to northeast. Local setting not affected.	Minor
SM 428	Bridge of Broubster, two standing stones 1200 m E of	Scheduled Monument	High	Rural, moorland location in Forss Water valley, lying between Loch Calder and Lochan Ealach. Stones around 100m apart on NNW-SSE alignment. Other stone settings/standing stones to north (SM426) and to southwest (SM427)	7.6	3	0	Negligible Turbines screened from view by topography and additionally by forestry plantation to northeast. Local setting not affected.	Negligible
SM 437	Carn Liath, cairn, Shurrery	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	9.6	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor
SM 440	Carriside, chambered cairn 350 m NW of	Scheduled Monument	High	Localised forestry setting within unplanted clearing in forestry plantation with open aspect to east, towards Loch Calder.	8.5	5	5	Negligible Current forestry plantation obscures views in all directions except to east over Loch Calder. Turbines located to north, views east to Loch Calder not affected.	Minor
SM 444	Cnoc-na-h'Uiseig, chambered cairn	Scheduled Monument	High	Rural coastal location with Dounreay complex. Lies adjacent to airfield runway. Open aspect sea view to northwest.	6.2	5	5	Negligible Proposed Development visible in distant view to east between and beyond Forss Wind Farm and Baillie Wind Farm.	Minor
SM 476	Hill of Shebster, chambered cairn	Scheduled Monument	High	Hill top location on north facing summit of Hill of Shebster. Open aspect view to sea to northwest. Slightly rising ground to southeast limits views in that direction; although Hill of Lieurary seen beyond near horizon of Hill of Shebster.	5.6	5	5	Negligible Proposed Development visible in distant view to northeast through and beyond Baillie Wind Farm.	Minor
SM 477	Shurrery Kirk, chambered cairn	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	8.9	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor

¹ Visibility in this column is based on analysis of the blade tip height ZTV. Where the number of tips given in this table differs from that shown on the accompanying visualisations this is because of differences resulting from the modelling.

² Visibility in this column is based on analysis of the hub height ZTV. Where the number of hubs given in this table differs from that shown on the accompanying visualisations this is because of differences resulting from the modelling.

³ Determined using the criteria in Tables 6.2 – 6.4 and using professional judgement to arrive at the level of significance.

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³
SM 478	Shurrery Kirk, standing stone 270 m S of	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	9.3	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor
SM 479	Shurrery Kirk, chambered cairn 360 m SSE of	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	9.3	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor
SM 481	Sithean Buidhe, chambered cairn 1000m WSW of Brawlbin Mains	Scheduled Monument	High	Rural moorland location to southwest of Loch Calder. Long axis aligned NNW to SSE.	10.0	5	5	Negligible Proposed development visible in distant view northeast along Strath of Baille. Views along long axes not affected. Local setting not affected.	Minor
SM 489	Torr Bann Na Gruagaich, chambered cairn	Scheduled Monument	High	Rural, moorland location to east of forestry plantation and west of Loch Calder. Long axis aligned NNE to SSW.	7.6	5	5	Negligible Proposed Development visible in distant view northeast along Strath of Baillie. Views along long axes not affected. Local setting not affected.	Minor
SM 492	Tota an Dranndain, broch, Shurrery	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	9.9	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor
SM 497	Tulach an t'Sionnaich, long cairn 900 m SSW of Lieurary Mains	Scheduled Monument	High	Rural loch side location on north shore of Loch Calder, with open aspect southeast over the loch.	5.8	5	5	Negligible Proposed Development currently screened from visibility in distant view to north along Strath of Baillie by forestry intervening forestry plantation. Baillie Wind Farm closer and to west of currently obstructed view along strath. Local loch side setting not affected.	Minor
SM 498	Tulach Buaille Assery, chambered cairn	Scheduled Monument	High	Rural, moorland location to east of forestry plantation and west of Loch Calder. Long axis aligned northeast to southwest.	7.4	5	5	Negligible Proposed Development visible in distant view northeast along Strath of Baillie. Views along long axes not affected. Local setting not affected)	Minor
SM 500	Tullochs of Assery, chambered cairns 1000 m SW, of Lieurary Mains	Scheduled Monument	High	Rural loch side location on north shore of Loch Calder. Aligned northwest-southeast with open aspect southeast over the loch.	5.8	5	5	Negligible Proposed Development visible in distant view to north; offset to east side of view along Strath of Baillie. Baillie Wind Farm also visible, closer and to west of view along strath. Local loch side setting not affected.	Minor
SM 513	Achunabust, broch NNW of	Scheduled Monument	High	Rural farmland location on south side of A836. Locally prominent mound in elevated position, with open aspect to northwest with view to sea.	7.1	5	1	Negligible Distant views of development in view to northeast, mostly screened by topography of Cnoc Freiceadain.	Negligible
SM 514	Achvarasdal House, broch 65 m NE of	Scheduled Monument	High	Localised woodland setting within grounds of Achvarasdal House. No views out to wider landscape. No visibility from wider landscape.	8.1	5	5	None No visibility due to enclosing woodland.	None
SM 531	Burnside, broch 365 m NE of	Scheduled Monument	High	Rural, coastal farmland location in improved pasture fields on northeast facing slope, with view to Dunnet Bay.	9.2	5	5	Negligible Proposed Development visible beyond Thurso in view to west. Open aspect to north and local setting not affected.	Minor
SM 535	Cairn of Sibmister, broch	Scheduled Monument	High	Rural farmland location to northwest of farmhouse and modern farm buildings at Sibmister. Locally prominent mound on east bank of Murkle Burn, with open aspect to north and glimpsed views of sea at Thurso Bay. Rising ground to south obscures views in that direction.	9.8	5	5	Negligible Proposed Development visible in distant view across River Thurso valley. Local setting not affected.	Minor

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³
SM 542	Cnoc an Ratha, fort SSE of Shurrery Kirk	Scheduled Monument	High	Commercial forestry location SSE of Shurrery Church. Fort planted over with forestry trees obscuring views of and from fort.	9.9	5	5	Negligible Proposed Development obscured from view by forestry plantation.	Minor
SM 564	Knock Urray, broch 400 m NNE of Gunnscroft	Scheduled Monument	High	Rural coastal farmland location underneath OHL south of Dounreay. Locally prominent mound back dropped by Power Station complex.	7.6	5	5	Negligible Proposed Development visible in distant view to east between and beyond Forss Wind Farm and Baillie Wind Farm.	Minor
SM 594	Tulloch of Shalmstry, broch 275 m SE of Shalmstry	Scheduled Monument	High	Rural farmland location in River Thurso valley, adjacent to A9 south of Thurso. Locally prominent mound from which there are wide ranging views all round	7.4	5	5	Negligible Proposed Development visible in distant view to northwest across River Thurso valley. Local setting not affected.	Minor
SM 615	Reay, burial ground, old church and cross slab 175 m E of Parish Church	Scheduled Monument	High	Rural, coastal farmland setting alongside main road (A836) in Reay village. Lies a short distance east of Reay church (LB14992). Localised village setting	9.4	5	0	Negligible Distant views of development only. Local, village setting not affected.	Negligible
SM 2218	Upper Sour, broch 315 m W of	Scheduled Monument	High	Rural farmland location on east facing sloping ground west of Upper Sour farm. Wide ranging view from southwest to northwest.	8.6	5	5	Negligible Proposed Development visible in distant view to northwest. Open aspect westerly view not affected. Local setting not affected.	Minor
SM 2220	Framside, broch 850 m E of, Hills of Lieurary	Scheduled Monument	High	Rural farmland location immediately northwest of Framside Farm. Open aspect view to southeast in arc from east to south. Locally prominent mound.	6.4	4	0	Negligible Distant view of tips only. Development screened from view by topography.	Negligible
SM 2658	Halkirk, St Thomas's Chapel	Scheduled Monument	High	Rural farmland location in River Thurso valley, with open aspect to north. Building aligned northeast to southwest within tree lined graveyard. Localised setting.	9.1	5	5	Negligible Proposed Development visible in distant view to northwest. Local setting not affected.	Minor
SM 2660	Creagan a'Bheannaich, chapel & graveyard	Scheduled Monument	High	Rural, pasture farmland location within Forss Water valley. Location within remnants of abandoned crofting township southwest of Shurrery Church.	10.0	5	5	Negligible Proposed Development visible in distant view to northeast beyond but in same view as Baillie Wind Farm. Local setting not affected.	Minor
SM 5299	Lorg an Fhamhair, footprint carving	Scheduled Monument	High	Rural, moorland location within clearing in forestry plantation. Located at west end of the summit of the hill of Port-an-Eilein. Localised setting.	8.3	5	5	Negligible Proposed Development obscured from view by forestry surrounding the location of the footprint carving. Local setting not affected.	Minor
SM 5305	Carriside, hut circle 350 m N of	Scheduled Monument	High	Localised forestry setting within unplanted clearing in forestry plantation with open aspect to east, towards Loch Calder.	8.4	5	5	Negligible Current forestry plantation obscures views in all directions except to east over Loch Calder. Turbines located to north, views east to Loch Calder not affected.	Minor
SM 5306	Bridge of Broubster, limekilns 1450 m ENE of	Scheduled Monument	High	Rural, moorland location, directly adjacent to forestry plantation. Views not an important aspect of setting. Probable association with Leans of Achaeter farmstead, 300m to northwest. Localised setting	6.9	5	5	Negligible Localised setting not affected. Link with Leans of Achaeter farmstead to northwest not affected.	Minor
SM 5406	Carriside, cairns 750 m NW of	Scheduled Monument	High	Localised forestry setting within unplanted clearing in forestry plantation. Original open aspect is to east, towards Loch Calder.	8.3	5	5	Negligible Current forestry plantation obscures views in all directions. Turbines located to north, views east to Loch Calder not affected.	Minor
SM 6401	Dounreay Castle	Scheduled Monument	High	Shoreline location within Dounreay complex, with modern Power Station buildings immediately adjacent to west and east. Open aspect views to north over sea. Castle visible from nearby roads.	7.6	5	4	Negligible Proposed Development currently screened from view by buildings comprising Dounreay Power Station.	Minor
SM 13618	Broubster Village, prehistoric settlement 560 m WSW of	Scheduled Monument	High	Rural, moorland location on east-facing sloping ground on west side of Forss Water, at southern edge of forestry plantation. Enclosed on three sides by forestry; open aspect to south.	8.5	5	5	Negligible Proposed Development screened from view by existing forestry plantation; open aspect to south	Minor

Asset Ref	Asset Name	Designation	Sensitivity	Setting	Distance to nearest turbine (km)	No of turbine tips visible ¹	No of turbine hubs visible ²	Magnitude of Change	Significance of Effect ³
								not affected. Restricted view eastwards to Loch Calder not affected. Local setting not affected.	
SM 13630	Broubster Village, roundhouses 855 m, 745 m and 695 m SW of	Scheduled Monument	High	Rural, moorland location on east-facing sloping ground, on west side of Forss Water at southern edge of forestry plantation. Open aspect view to east towards Loch Calder, overlooking Forss Water valley.	8.9	5	5	Negligible Proposed Development visible in distant views to northeast beyond Baillie Wind Farm, visible in same view. Open aspect to east not affected. Local setting not affected.	Minor
SM 13636	Garadh an Ratha, roundhouse	Scheduled Monument	High	Rural, moorland location on southeast facing sloping ground close to minor road and to later abandoned farmstead remains. Localised setting with open aspect southeast towards Loch Calder	7.5	5	5	Negligible Proposed Development visible in distant view to northeast, beyond but in same view as Baillie Wind Farm. Localised setting not affected.	Minor
LB 14992	Reay Parish Church and Enclosure Wall	Category A Listed Building	High	Rural, coastal farmland setting alongside main road (A836) in Reay village. Locally prominent building.	9.6	5	4	Negligible Distant views of development only. Church remains locally prominent building.	Minor
LB 10812	Skinnet House	Category B Listed Building	Medium	Rural, coastal farmland setting in open, elevated position to south of Thurso. Farmhouse surrounded by trees and farm buildings. Localised setting.	9.1	2	0	Negligible Distant views of development to northwest. Local setting not affected.	Negligible
LB 14013	Murkle, Biggins Steading	Category B Listed Building	Medium	Rural, coastal farmland setting to east of Thurso, alongside A836. Localised setting	9.6	5	5	Negligible Distant views of development to northwest. Local setting not affected.	Negligible
LB 14919	Harold's Tower Mausoleum	Category B Listed Building	Medium	Rural, coastal farmland setting to northeast of Thurso. Elevated position with wide ranging views. Locally prominent monument.	6.6	5	5	Negligible Distant views of development to west from tower but tower remains prominent local feature. Views to seascape to north not affected.	Negligible
LB 14920	Aimster Farmhouse	Category B Listed Building	Medium	Rural, coastal farmland setting in open, elevated position to south of Thurso. Associated farm dwellings (LB14921) in close grouping, with farmsteading and farm sheds. Localised setting.	7.4	5	5	Negligible Distant views of development to northwest. Local setting not affected.	Negligible
LB 14989	Upper Dounreay Farm Steading	Category B Listed Building	Medium	Rural, coastal farmland setting in small hamlet to south of Dounreay. Localised farmland setting.	6.3	5	0	Negligible Distant views of development, beyond Baillie Wind Farm, largely screened by topography.	Negligible
LB42034	Thurso East The Lodge (former Gate Lodge to Thurso East Castle) and Gateway	Category B Listed Building	Medium	Suburban roadside setting to east of Thurso. Open vista to east. Screened by trees to west. Localised setting to northeast of Thurso.	5.5	5	5	Negligible Distant views of development screened by trees. Gateway remains focal point in local views)	Negligible
LB 14921	Aimster Farm Dwellings	Category C Listed Building	Low	Rural, coastal farmland setting in open, elevated position to south of Thurso. Associated farmhouse (LB14920) in close grouping, with farmsteading and farm sheds. Localised setting.	7.4	5	5	Negligible Distant views of development to northwest. Local setting not affected.	Negligible
LB 17593	Shebster Barn	Category C Listed Building	Low	Rural, coastal farmland setting in open, elevated position to north of Shebster farming hamlet. Localised setting.	5.4	5	5	Negligible Distant views of development to northeast, beyond Baillie Wind Farm. Local setting not affected.	Negligible