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Cultural Heritage

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Blackshaw Community Wind Farm

Cultural Heritage

Section 9
CULTURAL HERITAGE ASSESSMENT

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Section 9: Cultural Heritage Assessment

9.1 Introduction

9.1.1 This chapter considers the potential effects of the Proposed Development on cultural heritage assets (historic environment sites and features, archaeology and built heritage); hereafter referred to as ‘heritage assets’. The chapter details the results of a desk-based assessment and reconnaissance field survey. The assessment was undertaken by CFA Archaeology Ltd (CFA), using information and comments provided by Historic Scotland (HS) and by West of Scotland Archaeology Service (WoSAS).

9.1.2 The specific objectives of the study were to:

- identify the cultural heritage baseline within and in the vicinity of the Proposed Development;
- assess the Proposed Development Site in terms of its archaeological potential;
- consider the effects of the construction, operation and decommissioning of the Proposed Development on heritage assets, within the context of relevant legislation and planning guidance;
- proposed measures, where appropriate, to mitigate or offset any significant adverse effects; and
- consider the cumulative effects of the Proposed Development in combination with other existing or Proposed Developments, upon cultural heritage assets.

9.1.3 The assessment evaluates the impacts of the proposed wind farm on Scheduled Monuments and other archaeological features, Listed Buildings and other buildings of historic or architectural importance, Conservation Areas, Inventory Gardens and Designed Landscapes and Inventory Historic Battlefields.

9.2 Scope of Assessment

Study Area

9.2.1 The potential for direct effects upon heritage assets has been considered within the Proposed Development Site, as illustrated on Figure 9.1. Figure 9.1 shows the Proposed Development Site boundary, the Proposed Development layout and the locations of heritage assets within the Site. A gazetteer of these assets is provided in Appendix 9.1.

9.2.2 The consideration of effects upon the setting of heritage assets uses a 10 km radius study area, extending from the outermost turbines of the Proposed Development. No other specific assets beyond 10 km were identified, either by statutory consultees, or through preliminary assessment of the 35 km ZTV as requiring consideration in the assessment. Figure 9.2 shows the Proposed Development, together with the blade tip height zone of theoretical visibility (ZTV) and the location of heritage assets within 10 km which have a theoretical view of the turbines. A list of these heritage assets is provided in Appendices 9.2 and 9.3.

9.2.3 The consideration of cumulative effects upon the setting of heritage assets also uses the same 10 km radius study area. Figure 9.3 shows the Proposed Development in its wider landscape context, together with the turbine blade tip height ZTV, the locations of key heritage assets within 10 km of the outermost turbines which have theoretical visibility of one or more turbines of the Proposed Development, and the locations of other wind energy development in the wider area.

Scoping and Consultation

9.2.4 Consultation was undertaken with both statutory and non-statutory consultees as part of the Environmental Impact Assessment (EIA) Scoping process. Table 9.1 below summarises the responses received relevant to the cultural heritage assessment.

Table 9.1 - Consultee Responses

| Consultee | Summary of Response | Where & How Addressed |
|--|---|--|
| Historic Scotland (Formal Scoping Response 20/02/2012) | Advised that there is a potential direct effect on a Scheduled Monument, Blackshaw Quarry, cup & ring marked rock (Index no. 4429) from the Proposed Development and that the layout of turbines, access tracks, borrow pits, etc should be designed to avoid damage to the site. | The layout of the Proposed Development has been designed to avoid the Scheduled Monument area. Details are provided in Paragraphs 9.6.1 – 9.6.3 (Design Mitigation) |
| Historic Scotland (Formal Scoping Response 20/02/2012) | The EIA should assess the indirect effects of the Proposed Development on the setting of: <i>Scheduled Monuments</i> <ul style="list-style-type: none"> • Bushglen Mount, ENE of Bushglen (Index no: 3336) • Knock Jargon, cairn & fort (Index no: 305) <i>Category A Listed Buildings</i> <ul style="list-style-type: none"> • Law Castle (HBNUM: 14279) Requested that appropriate visualisations, such as photomontages and wireframe views, of the Proposed Development in relation to these heritage assets be included in the EIA. | The indirect effect of the Proposed Development on the setting of heritage assets is assessed in Paragraphs 9.7.4 – 9.7.40 (Operational Phase). A list of wireframes provided from heritage assets is provided in Table 9.9. |
| WoSAS (Formal Scoping Response 30/05/2012) | Noted that the proposed location of Turbine 2 lies close to a Scheduled cup & ring marked rock (Index no: 4429) and advised that a turbine at this location would have a major impact on the immediate setting of the monument. | The predicted effect of the Proposed Development on the setting of Scheduled Blackshaw Quarry Cup and ring marked rock (4429) is assessed in Paragraphs 9.7.20 – 9.7.23. |
| WoSAS (Formal Scoping Response 30/05/2012) | Advised that several heritage assets have been recorded within the Proposed Development Site, including remains of Hopeton Farmstead (HER no: 15809), find-spots of a flint arrowhead (HER no: 5588) and a stone hammer (HER no: 5589), and the remains of a sub-circular enclosure (HER no: 5587) previously interpreted as the remains of a prehistoric homestead. Although not currently scheduled the enclosure is considered to be of potentially schedulable significance. Advised that the proposed location of Turbines 2 and 3 are likely to represent intrusive and | The indirect effect of the Proposed Development on the setting of heritage assets is assessed in Paragraphs 9.7.4 – 9.7.40 (Operational Phase). |

| | | |
|--|---|---|
| | highly visible new elements in the landscape surrounding the enclosure (HER no: 5587) and request that the effect of the Proposed Development on the setting of the enclosure should be assessed within the EIA. | |
| WoSAS (Formal Scoping Response 30/05/2012) | Advised that two other heritage assets, a cairn on Knockwart Hill (HER no: 5585) and two possible hut-circles (HER no: 5601) on North Hill, both located close to the southeast extent of the Proposed Development are potentially of such importance to merit scheduling and the effect of the Proposed Development on the setting of these sites should be assessed within the EIA. | The indirect effect of the Proposed Development on the setting of heritage assets is assessed in Paragraphs 9.7.4 – 9.7.40 (Operational Phase). |
| WoSAS (Formal Scoping Response 30/05/2012) | Requested that a walkover reconnaissance survey should be undertaken across the whole of the Proposed Development Site. | The results of a desk-based study and reconnaissance field survey of the Proposed Development Site are provided in Paragraphs 9.5.1 – 9.5.16. |
| WoSAS (Formal Scoping Response 30/05/2012) | Requested that wireframes or photomontages, demonstrating the visibility of the turbines from significant heritage assets, both within and outside the Proposed Development Site, should be produced to inform the EIA assessment. | A list of wireframes provided from heritage assets is provided in Table 9.9. |

9.3 Policy, Legislation & Guidance

9.3.1 Detailed information on planning policy is provided within the Planning Statement accompanying the planning application and a summary of relevant policies is provided in Section 4: Planning and Policy. The following is therefore a summary of the applicable policy and guidance relevant to the cultural heritage assessment.

Legislation and Policy

9.3.2 Relevant legislation and planning policy includes:

- National planning policy, guidance and legislation: National Planning Framework for Scotland 3 (NPF) (2014), Scottish Historic Environment Policy (SHEP 2011), Scottish Historic Environment Strategy (2014), Scottish Planning Policy (SPP 2014), Ancient Monuments and Archaeological Areas Act (1979) (1979 Act), Planning (Listed Buildings and Conservation Areas)(Scotland) Act 1997 (1997 Act), Planning Advice Note 2/2011 (PAN 2, 2011), and Managing Change in the Historic Environment Setting (2010);
- Local planning policy: North Ayrshire Local Development Plan (2014) (NALDP).

9.3.3 Relevant policies from the NALDP include:

- Policy HE1: Conservation Areas;

- Policy HE2: Listed Buildings;
- Policy HE4: Scheduled Monuments and Archaeological Sites; and,
- Policy HE5: Historic Landscapes.

9.3.4 Heritage assets with statutory designations that are relevant in the context of this assessment include:

- Scheduled Monuments;
- Listed Buildings; and
- Conservation Areas.

9.3.5 Assets with non-statutory designations and relevant in the context of this assessment include:

- Archaeology; and,
- Other Historic Environment Interests.

Relevant Guidance

Planning Advice Note (PAN) 2/2011: Planning and Archaeology (2011)

9.3.6 PAN2/2011 advises that, in determining planning applications, planning authorities should take into account the relative importance of archaeological sites (paragraph 5). It also notes that in determining planning applications that may impact on archaeological features or their setting, planning authorities may on occasion have to balance the benefits of development against the importance of archaeological features (paragraph 6).

9.3.7 The desirability of preserving a monument (whether scheduled or not) is a material consideration and the objective should be to assure the protection and enhancement of monuments by preservation in situ, in an appropriate setting. When preservation in situ is not possible, recording and / or excavation followed by analysis and publication of the results may be an acceptable alternative (paragraph 14).

Managing Change in the Historic Environment: Setting (2010)

9.3.8 Historic Scotland’s guidance notes that ‘Setting should be thought of as the way in which the surroundings of a historic asset or place contribute to how it is experienced, understood and appreciated. Setting often extends beyond the immediate property boundary of a historic structure into the broader landscape’.

9.3.9 The guidance also suggests that ‘If a proposed development is likely to impact on the setting of a historic environment asset, an objective written assessment should be prepared by the applicant to inform the decision-making process. The conclusions drawn should take into account the significance of the historic asset and its setting and attempt to quantify the extent of any detrimental impact. The methodology and level of information should be tailored to the circumstances of each case’.

9.4 Methodology

9.4.1 The assessment has been conducted in accordance with the most relevant guidance produced by the Chartered Institute for Archaeologists (CIfA): ‘Code of Conduct (CIfA 2014a) and ‘Standard and Guidance for Historic Environment Desk-based Assessment (CIfA 2014b).

Desk Study

9.4.2 A number of information sources were consulted as part of the desk-based assessment work. These include:

- Up-to-date data on the locations and extents of Scheduled Monuments, Listed Buildings, Conservation Areas, Inventory Gardens and Designed Landscapes and Inventory Historic Battlefields were downloaded from the Historic Scotland Data Warehouse(Historic Scotland 2014).
- WoSAS Historic Environment Record (HER).
- The Royal Commission on the Ancient and Historic Monuments of Scotland (RCAHMS) database – Canmore (RCAHMS 2014a).
- Ordnance Survey maps and other historical maps held by the Map Library of the National Library of Scotland.
- Relevant bibliographic references and on-line historic research resources were consulted to provide background and historic information.
- The online-Historic Land-Use Assessment Data for Scotland (HLAMap RCAHMS 2014b), maintained by the RCAHMS, was consulted for information on the historic land use character of the Proposed Development Site.
- The Scottish Palaeoecological Archive Database (SPAD Coles *et al.* 1998), which records the distribution of known sites across Scotland, was consulted for information on sites with palaeoenvironmental potential.

Field Survey

- 9.4.3 A reconnaissance walk-over field survey of the whole Proposed Development Site (including wind farm development area and proposed access track) was undertaken in December 2014, with the following aims:
- to assess the baseline condition of the known heritage assets identified through the desk-based assessment;
 - to identify any further features of cultural heritage interest not detected through the desk-based assessment; and,
 - to identify areas with the potential to contain currently unrecorded buried archaeological remains.
- 9.4.4 Open farmland areas were surveyed in full and previously recorded cultural heritage assets that now lie within commercial forestry were visited. Other areas of commercial forestry were not surveyed in detail due to access difficulties.
- 9.4.5 The position of identified assets (and where appropriate their extents) were logged using a GPS with typical sub-metre accuracy. The baseline conditions of identified assets were recorded on pro-forma monument recording sheets and by digital photography.

Key External Heritage Assets

- 9.4.6 The turbine blade tip and hub height Zone of Theoretical Visibility (ZTV) maps, generated for the Proposed Development were used to identify those heritage assets within 10 km of the outermost turbines from which there would be theoretical visibility of one or more of the turbines.
- 9.4.7 Site visits were also undertaken in December 2014 to assess the character and sensitivity of the settings of the identified heritage assets. The site visits focused on those heritage assets most likely to receive significant effects on their settings (i.e. those closest to the Proposed Development and those considered, on preliminary analysis, to potentially be the most sensitive to change within their settings). Factors considered in the assessment of the setting of heritage assets undertaken during the field visit were those set out in the guidance issued by Historic Scotland (Historic Scotland 2010), namely:

- The location and orientation of the asset.
- Important views of, or from, heritage assets.
- The importance, if applicable, of designed settings.
- Any obvious views or vistas.

Impact Assessment Methodology

Importance of Heritage Assets

9.4.8 The importance of heritage assets reflects the relative weight given to them in SPP and SHEP. Heritage assets relevant to the assessment are listed below:

Table 9.2 - Relative Importance of Heritage Assets

| Heritage Importance | Definition / Criteria |
|------------------------|--|
| National/International | Assets of national or greater importance, including: Scheduled Monuments, and sites proposed for scheduling; Category A Listed Buildings; Inventory status Gardens and Designed Landscapes (GDL). |
| Regional | Assets of regional importance, including: Archaeological sites and area of distinctive regional importance; Category B Listed Buildings; Conservation Areas; Undesignated archaeological sites and areas identified in the WoSAS HER as Non-Statutory Register Sites (NSR sites) Code C and V; Non-Inventory designed landscapes (NIDL) identified in the Ayrshire Gardens and Designed Landscapes Study. |
| Local | Assets of local importance, including: Archaeological sites of local importance; Category C Listed Buildings; Unlisted buildings and townscapes with local (vernacular) characteristics. |
| Lesser | Assets of little or no importance, including: Sites of former archaeological features; Artefact find-spots Unlisted buildings of minor historic or architectural interest; Poorly preserved examples of particularly types of features. |

Assessment of Construction (Direct Effects)

9.4.9 Criteria for assessing the magnitude of direct effects, which measures the degree of change to the baseline condition of a feature that would result from the construction of one or more elements of the development, are presented in Table 9.3.

Table 9.3 - Magnitude of Construction (Direct) Effects

| Magnitude of Effects | Definition |
|----------------------|--|
| High | A fundamental change to the baseline condition of the asset, leading to total loss or major alteration of character. |
| Medium | A material, partial loss or alteration of character. |
| Low | A slight, detectable, alteration of the baseline condition of the asset. |

| | |
|---------------|---|
| Imperceptible | A barely distinguishable change from baseline conditions. |
|---------------|---|

Significance of Construction (Direct) Effects

9.4.10 The importance of the asset (Table 9.2) and the magnitude of the predicted effect (Table 9.3) are then used to inform the professional judgement of the likely significance of the construction (direct) effect. Table 9.4 summarises the criteria for assigning significance of a construction (direct) effect.

Table 9.4 - Significance of Construction (Direct) Effects

| Magnitude of Effect ▼ | Heritage Importance ► | | | |
|-----------------------|--------------------------|------------|------------|------------|
| | National / International | Regional | Local | Lesser |
| High | Major | Major | Moderate | Minor |
| Medium | Major | Moderate | Minor | Negligible |
| Low | Moderate | Minor | Negligible | Negligible |
| Imperceptible | Minor | Negligible | Negligible | Negligible |

9.4.11 Major and moderate direct effects are considered to be ‘significant’ in the context of the EIA Regulations. Minor and negligible effects are considered to be ‘not significant’.

Assessing Operational (Indirect) Effects on Setting

9.4.12 Scheduled Monuments, Category A and B Listed Buildings, Conservation Areas and Inventory status Gardens and Designed Landscapes within 10 km of the Proposed Development are all considered; assessment of effects on Category C Listed Buildings is restricted to those within 5 km of the proposed Development as these are all generally minor vernacular building types of the local historic environment, with localised geographical settings. NIDLs and NSR Sites identified in the relevant Local Authority archives and within 5 km of the Development have also been taken into consideration.

9.4.13 For each heritage asset where a potential effect on setting has been identified, the assessment adopts a four-stage approach:

- Identification of the characteristics of the setting of the asset (see Section 9.4.15 to 9.4.22);
- Assessment of the sensitivity of that setting to change;
- Identification of how the presence of the Proposed Development would affect that setting (magnitude of effect); and,
- Assessment of significance of effect on setting.

Identification of Characteristics of Setting

9.4.14 The baseline setting of each relevant asset or related group of assets is characterised on a case-by-case basis. Characterisation of the setting of an asset is based upon its properties and location and takes into account the factors identified in guidance issued by Historic Scotland (2010). The baseline setting of each asset is characterised principally in terms of:

- Archaeological / historical context of the asset; and,
- Current landscape and visual surroundings of the asset.

9.4.15 The outcome of the work was an understanding, involving the application of professional judgement, of the key characteristics that define the setting of each asset.

Criteria for Assessing Sensitivity of Setting

9.4.16 Sensitivity of setting has been assessed by considering two factors:

- The relative weight which statute and policy attach to the asset and its setting (Table 9.2); and,
- The degree to which the baseline setting contributes to the understanding and / or appreciation, and hence value, of the asset (Table 9.5).

9.4.17 The degree to which the baseline setting contributes to the understanding and / or appreciation of the asset has been assessed according to the criteria set out in Table 9.5.

Table 9.5 - Contribution of Setting to Understanding and Appreciation of a Heritage Asset

| Contribution | Definition |
|--------------|---|
| High | A setting which makes a strong positive contribution to the understanding and/or appreciation of the siting and/or historical/archaeological/architectural context of an asset. E.g. a prominent topographic location; surroundings that include related monuments in close association; surroundings that are believed to be little changed from those when the asset was created. |
| Medium | A setting which makes some positive contribution to the understanding and/or appreciation of the siting and/or historical/archaeological/architectural context of an asset. E.g. surroundings that complement the siting and appearance of an asset such as the presence of a feature of the rural past within a more recent farming landscape containing little or no urban or industrial development. |
| Low | A setting which makes little positive contribution to the understanding and/or appreciation of the siting and/or historical/archaeological/architectural context of an asset. E.g. where surroundings only partially complement the siting and appearance of an asset, such as the presence of a feature of the rural past within a partly urbanised or industrialised landscape. |
| Negligible | A setting which does not contribute positively to the understanding and/or appreciation of the siting and/or historical/archaeological/architectural context of an asset. E.g. immediate surroundings, such as of a commercial coniferous single species woodland or an industrial development, that are not relevant to understanding the context of the asset. A barely distinguishable change from baseline conditions. |

9.4.18 These two sets of criteria (Tables 9.2 and 9.5) are combined to assess the overall sensitivity of a setting, as set out in Table 9.6.

Table 9.6 - Sensitivity of Setting of a Heritage Asset

| Heritage Importance | Contribution of Setting | | | |
|--------------------------|-------------------------|--------|--------|------------|
| | High | Medium | Low | Negligible |
| National / International | High | High | Medium | Low |
| Regional | High | Medium | Low | Low |

| | | | | |
|--------------|--------|-----|-----|-----|
| Local | Medium | Low | Low | Low |
|--------------|--------|-----|-----|-----|

Identification of Magnitude of Effect on Setting

9.4.19 Where it has been determined that the setting of an asset is such that there is no potential for it to be affected by the presence of the proposed Development (including all assets of lesser cultural heritage importance) the asset is not considered further in the assessment. For the remaining assets, the magnitude of effect on setting was assessed according to the thresholds set out in Table 9.7.

Table 9.7 - Magnitude of Effects on Setting

| Magnitude of Effect | Definition |
|---------------------|--|
| High | A fundamental material impact obviously changing the surroundings of an asset, such that its baseline is substantially or totally altered. |
| Medium | An impact discernibly changing the surroundings of an asset, such that its baseline setting is partly and materially altered. |
| Low | A slight, but detectable impact that does not materially alter the baseline setting of the asset. |
| Imperceptible | A very slight and barely distinguishable change from baseline conditions. |

Assessment of Significance of Effect on Setting

9.4.20 The significance of an effect on setting depends on both the magnitude of impact and the sensitivity of the setting of the asset. Table 9.8 presents the matrix that has been used, together with professional judgement, to inform the determination of the significance of effects on setting.

Table 9.8 - Significance of Effect on Setting

| Magnitude of Effect | Sensitivity of Setting | | |
|---------------------|------------------------|------------|------------|
| | High | Medium | Low |
| High | Major | Major | Minor |
| Medium | Moderate | Moderate | Minor |
| Low | Minor | Minor | Negligible |
| Imperceptible | Negligible | Negligible | Negligible |

9.4.21 Major and Moderate effects on setting are considered to be ‘significant’ in the context of the EIA Regulations. Minor and Negligible effects are considered to be ‘not significant’.

Cumulative Assessment

9.4.22 The assessment of cumulative effects on heritage assets is based upon consideration of the effects of the Proposed Development on the settings of assets with statutory designations and non-statutory designations within 10 km of the proposed outer turbines, in addition to the likely effects of other operational, consented and proposed (at the application stage) wind farm schemes. As a general rule, proposed developments at the scoping stage are normally excluded due to the uncertainty regarding the design, number of turbines and whether a planning application will actually be submitted.

9.4.23 The assessment takes into account the relative scale (i.e. size and number of turbines) of the identified developments, their distance from the affected asset, and the potential degree of visibility of the various developments from the assets.

9.5 Baseline Conditions

Heritage Assets within the Proposed Development Site

9.5.1 Seventeen heritage assets have been identified within the Proposed Development Site. The locations and extents of these are shown on Figure 9.1 and Appendix 9.1 provides detailed gazetteer information on the character and baseline condition of the assets and features identified by the study. Numbers in brackets, in the following sections, refer to site numbers shown on Figure 9.1 and listed in Appendix 9.1.

9.5.2 One Scheduled Monument, a cup and ring marked rock (1/4429) is present within the Proposed Development Site.

9.5.3 There are no Listed Buildings within the Site, and no part of the Site lies within a Conservation Area or Inventory status Garden and Designed Landscape.

Prehistoric Remains

9.5.4 A well-preserved cup and ring marked rock (1/4429) (Plate 9.1) is located in an area of grassland just north of a farm access track. The cup and ring marked rock is a Scheduled Monument of national heritage importance. The cup and ring marks are visible on the upper surface of a bare rock outcrop which is crossed by a 19th century dry-stone wall which runs along the northern edge of a farm access track. Two additional cup marks, recorded previously immediately south of the wall, are no longer visible; this section of the rock outcrop being now covered in a layer of turf.



Plate 9.1: Scheduled Monument (4429) - Cup and ring marked rock taken from the west

9.5.5 The HER also records find-spots of prehistoric artefacts close to the cup and ring marked rock (1/4429) during the late 1800s and 1960s, including: a flint arrowhead (2), a hammer stone (4) and a cup and ring marked rock (3). None of the artefacts remain *in situ* and the find-spots are considered to be of lesser

- heritage importance; however, there is potential for buried remains associated with these finds to survive in the area.
- 9.5.6 Faint remains of an enclosure (**5/5587**) are visible on a south-facing slope around 170 m ESE of Hopeton Farmstead (**6**). The enclosure which is defined by a poorly preserved stone and turf bank measures c.25 m in diameter. A possible entrance is visible on its northern arc, although this may be a result of animal trampling rather than being the location of a genuine entrance. No obvious internal features are visible, although, the interior of the enclosure was covered in dense reeds at the time of the field survey and these may have obscured any internal features. The function and date of the enclosure is not known and it is therefore of unknown importance. Nevertheless, several prehistoric features dating from at least the Late Neolithic to the Iron Age have been recorded in the immediate surrounding area, including: the cup and ring marked rock (**1/4429**); an Iron Age fort at Knock Jargon (**305**), c.895 m southeast of the Proposed Development Site; a burial cairn of potential Bronze Age date on the summit of North Hill (**5595**), c.430 m to the east, and two probable later prehistoric hut-circles (**5601**) recorded c.170 m to the east. These indicate that the area has been settled from at least the Bronze Age period, and it is considered possible that the enclosure is of prehistoric date. In light of the potential prehistoric date, the enclosure is assessed as being potentially of regional importance.
- Medieval or later settlement
- 9.5.7 Settlement is recorded within the study area from the mid-19th century with a farmstead (**6**), ‘Hopeton’, depicted on the Ordnance Survey 1st Edition map (1856). The same farmstead is depicted on the Ordnance Survey 2nd Edition map (1896), but by the 1910 Edition the farmstead is shown as only partially roofed, suggesting that it had gone out of use by that date. Today the ruins of ‘Hopeton’ farmstead (**6a/b**) stand on a rectangular platform in an area of scrubland just north of commercial forestry. The farmstead buildings survive in varying conditions, with walls up to 2 m high in places and a number of doorways and windows still present. The grass-covered footings of an enclosure (**6c**), depicted on the Ordnance Survey 1st Edition and subsequent maps surrounding the farmstead, are also visible. The farmstead was photographed and surveyed in detail in 1994 as part of the ‘Lost Farms of North Ayrshire Project’ (Vickers 1994). A field system, comprising several rectilinear fields, is also depicted on the Ordnance Survey 1st Edition map, to the south of the farmstead. Remnants of this field system, including turf-covered banks (**6d** and **6e**) and tumbled dry-stone field walls (**6f** and **6g**), are still visible within an area of commercial forestry. The remains of the farmstead form part of the historic character of the landscape and are considered to be of local heritage importance.
- 9.5.8 A former field boundary (**9**), annotated ‘Old Fence’, is depicted on the Ordnance Survey 1st Edition map (1858), but not shown on the Ordnance Survey 2nd Edition map (1896). No remains of the field boundary survive today in an area of commercial forestry, and the asset is considered to be of lesser heritage importance.
- 9.5.9 A well (**11**) is depicted on the Ordnance Survey 2nd Edition and 1910 Edition maps, to the southwest of ‘Hopeton’ (**6**). No remains of the well were identified in what is now an area of commercial forestry, and the well is considered to be of lesser heritage importance.
- 9.5.10 Two rectangular spreads of cleared stone (**14** and **15**) were recorded immediately north of the farm access track that runs past the northern edge of ‘Hopeton’ (**6**). The stone is likely to have been cleared during the construction of the track or clearing of surrounding fields. The clearance spreads are considered to be of lesser heritage importance.
- 9.5.11 Two large quarries (**8** and **10**) are depicted on the Ordnance Survey 1st Edition map (1858) in an area of farmland just south of ‘Blackshaw’ Farm. The first quarry (**8**), annotated ‘Blackshaws Quarry (Sandstone)’, continues to be shown on later Ordnance Survey maps (1896 and 1910) suggesting that it remained in use until at least the early-20th century. The quarry is still visible today on the edge of an improved pasture field. The second quarry (**10**), annotated as ‘Old Quarry (Whinstone)’ on the Ordnance Survey 1st Edition map, is not depicted on the 2nd Edition map (1896) and no longer survives in what is now an area of commercial forestry. A road (**7**) is depicted on the Ordnance Survey maps linking the two quarries to Hopeton Farm (**6**), and also to the town of West Kilbride suggesting that the extracted stone was being taken further afield for use in building and road construction.
- 9.5.12 The outline of three quarries (**12a-c**) was visible within a pasture field to the west of ‘Hopeton’ (**6**) on modern aerial photographs (GoogleEarth™). The quarries survive as grass-covered hollows ranging in size from 20 m-25 m in diameter and 1 m-3 m deep. No worked faces are visible, although occasional fragments of bedrock were noted in quarry (**12a**). Two further small turf-covered quarries (**15** and **16**) are visible cut into a south facing slope immediately north of a farm access track; one of the quarries (**16**) has been filled with later cleared stone. All of these quarries were all probably used as a source of stone for the construction of field walls and farm access tracks within the immediate vicinity.
- 9.5.13 All of the quarries (**8**, **10**, **12a-c**, **15** and **16**) are considered to be of lesser heritage importance.
- 9.5.14 The HER and Canmore record the presence of a road (**7**) running along the edge of improved pasture fields just west of ‘Hopeton’ (**6**). The road is visible as a 3 m wide hollow way which is bounded on either side by dry-stone walls. The hollow way is filled with dense gorse scrub and no road surface was visible during the field survey. The road is shown linking ‘Hopeton’ (**6**), and the quarries close to the farm (**8** and **10**), to the town of West Kilbride. The road is considered to be of local heritage importance.
- 9.5.15 What may be the remnants of rig and furrow cultivation (**17**) are visible on modern aerial photographic imagery (GoogleEarth™) in an area of improved pasture just north of ‘Hopeton’ (**6**). No visible remains of the rig and furrow were found during the field survey, although buried remains may survive; the former cultivation remains are considered to be of lesser heritage importance.
- Miscellaneous
- 9.5.16 A set of stone steps (**13**), forming a small stile, are present on the northern edge of a field wall; the steps have been blocked off and are no longer in use. They are considered to be of lesser heritage importance.
- Overall Archaeological Potential of the Proposed Development Site
- 9.5.17 The Historic Land-use Assessment Data for Scotland (HLAmap) indicates that the Proposed Development Site is composed of rough grazing around Blackshaw Hill and a series of rectilinear fields enclosed during the 18th and 19th centuries, which now form part of modern commercial forestry plantation. The Proposed Development Site is shown on General Roy’s Military Survey map (1747-55) as comprising a mixture of enclosed grazing around Blackshaw Hill and areas of cultivation to the north and south of the hill surrounding settlements at ‘Bowler’ in the north and ‘Yondertown’ and ‘Hopeland’ in the south. Farmsteads named as ‘Hauptland’ (Hopeland), ‘Yonderton’ (Yondertown) and ‘Baillies’ (Bowler) are shown on the Ordnance Survey 1st Edition (1858) map suggesting continuity of occupation and evolving agricultural land-use from at least the mid-18th century onwards.
- 9.5.18 Examination of modern aerial photographs (GoogleEarth™; Bing™) shows that the land has been extensively improved and modified since the 19th century and it is now in use as a mix of improved pasture fields and modern commercial forestry.

- 9.5.19 The Scottish Palaeoecological Archive Database provided no relevant information specific to the Proposed Development Site and there is no evidence of raised mire or significant peat deposits across the Site.
- 9.5.20 Analysis of the records in the WoSAS HER and RCAHMS (Canmore) show that, in addition to the records within the Proposed Development Site, there is a distribution of identified prehistoric sites within the wider landscape. These records include:
- The remains of two hut-circles (**5601**), of likely Bronze Age date, located in moorland on the lower slopes of North Hill c.250 m to the east of the Proposed Development Site;
 - Several burial cairns of probable Bronze Age date - Blackshaw Hill (RCAHMS no: NS24NW 117), c. 150 m to the north of the Proposed Development Site, North Hill (**5585**), 500 m to the east, at Knock Jargon, 700 m to the southeast, and Bushglen Mount 2 km to the northwest;
 - A probable Iron Age fort (**305**) at Knock Jargon, 650 m to the southeast.
 - A probable artefact find-spot of a saddle quern at Lawhead (HER no: **21163**), to the east of the Proposed Development Site.
- 9.5.21 Taken together, along with the sites and features recorded within the Proposed Development Site, these indicate settlement in this landscape from at least the late Neolithic period. The locations of the various recorded sites suggest that there is a high potential for further archaeological discoveries in this locale, including from within the Proposed Development Site. Where proposed infrastructure crosses or is located within areas of modern forestry plantation, which have undergone ploughing prior to forestry planting, the potential is considered to be low to moderate. The forestry ploughing/planting having caused disturbance in these areas and thus reducing the potential for undisturbed archaeological remains to survive. In other areas, (pastureland) which have undergone little recent modification it is considered the potential for buried archaeological remains to survive is considered to be moderate to high.

Heritage Assets within 10 km of the Proposed Development Site

- 9.5.22 The blade tip height ZTV (Figure 9.2) indicates that within 5 km of the Proposed Development there are eight Scheduled Monuments, three Category A Listed Buildings, 11 Category B Listed Buildings, eight Category C Listed Buildings, one Conservation Area, three NIDLs (Non-Inventory Gardens and Design Landscapes), and eight NSR Sites (Code V and C) that have predicted visibility of the proposed turbines. Two of these heritage assets, a scheduled cup and ring marked rock (**4429**) and the remains of an enclosure (**5587**) lie within the Proposed Development Site.
- 9.5.23 An additional five Scheduled Monuments, two of which are also Category A Listed, five Category A Listed Buildings, 106 Category B Listed Buildings, two GDLs (Gardens and Design Landscapes), two Conservation Areas, eight NIDLs and five NSR sites (Code V and C) are within 5 km to 10 km of the Proposed Development site and are predicted to have visibility of one or more turbines.
- 9.5.24 The majority of the heritage assets from which there is theoretical visibility of the proposed turbines are located in urban centres (West Kilbride, Millport, Ardrossan, Stevenston, Kilwinning and Dalry) and it is probable that the development would be largely or entirely screened from view from those assets by the surrounding built environment. Relatively few assets stand in isolated, rural locations where wide landscape views are possible.

9.6 Design Mitigation

- 9.6.1 The results of the desk-based study and reconnaissance field survey were provided as GIS data with the locations of cultural heritage assets highlighted. Heritage assets were recorded using GPS and the grid references provided are accurate to around +/- 1 m to 3 m. Assets were recorded as 'point' locations – given for small individual features – wells and find-spots, 'linear' representation for field boundaries, or 'areas' for more extensive features, such as former farmsteads, quarries, etc. The extent of the scheduled area for the cup-marked rock was obtained from Historic Scotland's online GIS data download web site and the perimeter of the enclosure was surveyed using GPS during the field survey.
- 9.6.2 The layout of the Proposed Development, including the positioning of the turbines, routing of access tracks and the siting of other infrastructure elements has been arrived at through a series of iterative stages to develop the best layout within the context of all environmental and technical constraints (as discussed in Section 3: Site Selection and Evolution).
- 9.6.3 The Proposed Development has been designed to specifically avoid three heritage assets:
- The proposed main access track has been routed so as to avoid the Scheduled Blackshaws Quarry Cup and ring marked rock (**1/4429**). The access track being 15 m clear of the edge of the scheduled area.
 - The proposed access track between Turbines 2, 3 and 5 has been routed so as to avoid Blackshaw Moor Enclosure (**5/5587**). The track being 20 m clear of the edge of the enclosure.
 - The layout of proposed Turbine 2 and the access track between Turbines 1 and 2 have been designed to avoid the core upstanding elements of 'Hopeton' farmstead (**6**).

9.7 Assessment of Effects

- 9.7.1 The assessment of effects is based upon the Proposed Development description outlined in Section 2 - Detailed Project Description, and the layout for the Proposed Development as shown on Figure 9.1. The assessment is structured as follows:
- Construction Phase: direct effects on all cultural heritage assets, either designated or non-designated, within the Proposed Development Site.
 - Operational Period: effects on the setting of designated and non-designated heritage assets including: Scheduled Monuments; Listed Buildings; GDLs; Conservation Areas; NSR Sites (Code C & V) and NIDLs that have been identified from the ZTV to have theoretical visibility of the proposed turbines.
 - Cumulative Effects: effects of the Proposed Development on the settings of assets with statutory designations and non-statutory designations within 10 km of the proposed outer turbines and predicted to have visibility of the proposed turbines, in addition to the likely effects of other operational, consented and proposed (at the application stage) wind farm schemes.

Construction Phase

- 9.7.2 Any ground-breaking activities associated with the construction of the Proposed Development (such as those required for turbine bases and crane hardstandings, access tracks, cable routes, compounds, etc) have the potential to disturb or destroy features of historic environment interest. Other construction activities, such

as vehicle movements, soil and overburden storage and landscaping also have the potential to cause direct, permanent and irreversible impacts on the historic environment.

9.7.3 Identified potential direct impacts have been identified in relation to the following:

- The proposed access track to Turbines 4 and 5 would directly affect the remains of a field wall (6f). The wall forms part of the field system for ‘Hopeton’ farmstead (6) which is considered to be of local heritage importance. Construction of the access tracks would result in the removal of two sections of the field wall, although the majority of it would be unaffected. The effect would be a direct impact of low magnitude and of negligible significance. No mitigation is required in respect of this impact.
- The proposed borrow pit would directly affect a quarry (8) which is considered to be of lesser heritage importance. Construction of the borrow pit would result in the removal of the quarry. The effect would be a direct impact of high magnitude and of minor significance. No mitigation is required in respect of this impact.
- The proposed access track to Turbine 6 would directly affect two quarries (12a and 12b) which are considered to be of lesser heritage importance. Construction of the access tracks would result in at least partial loss of the quarries. The effect would be a direct impact of medium magnitude and of minor significance. No mitigation is required in respect of this impact.
- The proposed access track to Turbine 1 would directly affect two clearance stone spreads (14a and 14b) which are considered to be of lesser heritage importance. Construction of the access track would remove the clearance spreads and the effect would be a direct impact of high magnitude and minor significance. No mitigation is required in respect of this impact.
- The proposed crane hardstanding for Turbine 2 would directly affect the remains of two quarries (15 and 16) which are considered to be of lesser heritage importance. Construction of the hardstandings would result in the removal of a small part of both quarries. The effect would be a direct impact of medium magnitude and of minor significance. No mitigation is required in respect of this impact.

Operational Phase

9.7.4 The presence of the Proposed Development can have indirect impacts on the settings of heritage assets in the wider landscape. In particular there is potential for the wind turbines to be present in views of, and from, Scheduled Monuments, Listed Buildings and other heritage assets, including Conservation Areas, in the vicinity of the Proposed Development Site.

9.7.5 Analysis of the blade tip height and hub ZTVs (Figure 9.2) indicates that there would be theoretical visibility of the turbines from 13 Scheduled Monuments, three of which are also Category A Listed Buildings and two of which are also Category B Listed Buildings, an additional seven Category A Listed Buildings, an additional 113 Category B Listed Buildings, two GDLs, three Conservation Areas, and eight NSR Sites (Code V and C) within 10 km of the Proposed Development, and from eight Category C Listed Buildings and three NIDLs within 5 km. There are no Inventory Historic Battlefields within 10 km that are predicted to have visibility of the Proposed Development.

- Appendix 9.2: lists the heritage assets within a 5 km radius of the Proposed Development with predicted visibility of one, or more, of the proposed turbines.
- Appendix 9.3: lists the heritage assets within a 5 km to 10 km radius of the Proposed Development with predicted visibility of one, or more, of the proposed turbines.

9.7.6 The assessment of the magnitude of operational effects has taken into account:

- The distance of the heritage asset from the Proposed Development.
- The degree of visibility of the Proposed Development as indicated by the number of blade tips and hubs theoretically visible.
- The present baseline setting of each heritage asset.

9.7.7 The ZTVs are a coarse predictive tool, based on bare-earth surface topography and maximum blade tip and hub heights. They take no account of obstructions to intervisibility resulting from existing forestry and other vegetation, or from buildings and other man-made features. Therefore, professional judgement has been used to assess the significance of impacts informed by analysis of the blade tip and hub height ZTVs, desk-based resources and photomontages and wireline visualisations as well as site visits to key assets in the local vicinity of the Proposed Development.

9.7.8 Sites identified by HS and WoSAS to be specifically assessed in the EIA are assessed in detail below (Paragraphs 9.7.15 - 9.7.40). In addition, one cultural heritage asset, Blackshaw Moor, Enclosure (5587), which stands within the Proposed Development Site and is considered to have a sensitive setting, is also assessed. To aid the assessment of these assets, wirelines (listed in Table 9.9) have been produced to provide a range of visualisations of the proposed wind farm from different locations and at varying distances from the Proposed Development.

Table 9.9 - Significance of Effect on Setting

| Figure no | Site name and no | Status | Distance to nearest turbine | Visualisation type | Comments |
|-----------|---|--------------------|-----------------------------|--------------------|--|
| 9.10 | Blackshaw Quarry, cup & ring marked rock (4429) | Scheduled Monument | 0.2 km | Wireline | From centre of asset |
| 9.11 | Knock Jargon, fort and cairn (305) | Scheduled Monument | 0.8 km | Wireline | From centre of asset |
| 9.12 | Bushglen Mount, barrow (or cairn) (3336) | Scheduled Monument | 2.0 km | Wireline | From centre of asset |
| 9.13 | North Hill/Knockewart, Cairn/Vitrified Fort (possible) (5585) | NSR Code V | 0.6 km | Wireline | From centre of asset |
| 9.14 | Blackshaw Moor, Enclosure (5587) | NSR Code V | 0.1 km | Wireline | From centre of asset |
| 9.15 | North Hill, Enclosures: Hut circles (possible) (5601) | NSR Code C | 0.3 km | Wireline | From centre of northern enclosure (hut circle) |

9.7.9 The ZTV demonstrates that no proposed wind turbines would be visible from one heritage asset, Category A Listed Law Castle (14279), identified as requiring consideration by HS. Views of this asset from the surrounding landscape, that would include both the asset and the Proposed Development, would be very limited and no views from the surrounding public roads would include the asset and the proposed turbines in the same view (Figure 9.2). Therefore, the Proposed Development would have no impact on the setting of the asset and it is not discussed further.

9.7.10 Impacts of moderate significance (significant in EIA terms) have been predicted on the setting of one Scheduled Monument, Blackshaw Quarry, cup & ring marked rock (4429), and one NSR site, Blackshaw Moor, enclosure (5587), both of which stand within the Proposed Development Site. All of the remaining assets within 10 km of the Proposed Development would receive effects on their settings of not more than minor significance (not significant in EIA terms).

General Observations

9.7.11 The Proposed Development would stand on the southern slopes of Blackshaw Hill, approximately 0.9 km south of Blackshaw Farm and immediately north-northwest of the operational Ardrossan Wind Farm (15 Turbines, Figure 9.3). The blade tip ZTV Section 6: Landscape and Visual Impact Assessment, Figure X.X indicates that the proposed turbines would be visible in the wider landscape, particularly in an arc from Beith, in the northeast, through to Largs in the northwest. Visibility to the north is restricted by the natural rising topography around Muirhead Reservoir (including Cock Law, Blaeloch Hill and Whatside Hill). The proposed wind turbines would be seen together with those of the operational Ardrossan Wind Farm, which lies immediately south-southwest of the proposed wind farm (Figure 9.3), the two effectively seen as one group.

9.7.12 The majority of heritage assets in the wider landscape from which there would be theoretical visibility of the proposed turbines are located in towns (West Kilbride, Millport, Ardrossan, Saltcoats, Stevenston, Kilwinning and Dalry) and their settings are defined by their urban environments. Views from the assets are concentrated on the surrounding streetscape; none have extensive views out to the surrounding landscape and the architectural qualities of each are best appreciated at close quarters. Taking into consideration the scale of the Proposed Development (six turbines) and the surrounding urban landscape, it is assessed that these heritage assets would receive no adverse impacts from the Proposed Development.

9.7.13 Other Listed Buildings within the study area are principally historic country houses, which sit in small designed landscapes, and farm buildings within enclosed farmsteads. The setting of these various historic buildings is defined by the group of related farm buildings or the designed landscape of which they are an integral part. The presence of the Proposed Development would not materially affect those relationships and the character of the landscape in which they lie would remain unaffected. It is assessed that the effects on the settings of these buildings would be no more than of low magnitude and of minor significance.

9.7.14 Several scheduled castles, former medieval motte sites and forts (including 2175, 2187, 2195, 3383, 3387, 3694, 5816 and 7864), many of which are also Category A and B Listed Buildings, are predicted by the ZTV to have theoretical visibility of the Proposed Development. The majority of these assets are situated in coastal locations and have principal views looking out over the Firth of Clyde. Although the proposed turbines would be a new element in the wider landscape surrounding the assets the introduction of the Proposed Development would not affect the key coastal views from the assets and it is considered that the Proposed Development would have a minimal effect on their settings.

Scheduled Monuments

Blackshaw Quarry, cup & ring marked rock (4429): Figure 9.10

9.7.15 This well-preserved cup and ring marked rock is located at the edge of a pasture field just north of a farm access track. The rock is partially overlain by a dry stone field wall which runs along the northern edge of the farm track. Commercial forestry plantations are located in close proximity to the rock on all sides, except to the east. The 'rock art' includes over 300 cup marks and several ring marks and is one of the most complex and best preserved cup and ring marked rocks in southwest Scotland (Historic Scotland Scheduled

Monuments Inventory). The rock was de-turfed in the 1980s and, although some turf re-growth has started to encroach across the edges of the rock, the cup and ring marks are still clearly visible. The rock lies close to the head of a small stream that flows southwestwards (now as canalised drainage) and into the Gourcock Burn. Although the rock lies on fairly flat ground, the main views from the cup marked rock appear to have been along that watercourse and towards the south and southwest; the ground rises behind the rock towards the northwest. There may originally have been a view of the sea from its location although modern forestry currently obscures such a view.

9.7.16 Cup and ring marked rocks are difficult to date, with their potential date ranging from around 3500 to 1000 BC. They are a common type of prehistoric rock engraving found in Scotland from Galloway to Shetland, and further afield in Northumberland, Ireland, Brittany and northwest Spain (Historic Scotland, 'Kilmartin Glen: Achabreck Cup and Ring Marks'). The purpose of these decorated rocks is not well understood, many people have tried to read a symbolism into the cup and ring marks, but we can only speculate about their original significance. Some have been found built into funerary monuments (e.g. Bradley 2000) suggesting a ritual significance for these features. The cup and ring marked rock at Blackshaw stands in a landscape that contains evidence for prehistoric activity (settlement and burial monuments) from the Neolithic to the Iron Age, including the nearby Knock Jargon burial cairn and fort (305), a burial cairn at Knockewart Hill (5585) and the remains of a possible burial cairn at the summit of Blackshaw Hill (RCAHMS no: NS24NW 117).

9.7.17 The Blackshaw Quarry rock is not prominently visible within the landscape and can only be properly appreciated at close quarters. Although generally well-preserved, the 'rock art' is less impressive than the examples found in Argyll, in particular those found in Kilmartin Glen, however the cup-marked rock does have some aesthetic value. The asset has a high social value as a local archaeological feature, and as a monument of the prehistoric past it has a high archaeological interest and some potential as a recreational/educational resource.

9.7.18 The cup and ring marked rock stands at the northern edge of the Proposed Development Site; the closest proposed turbine (T2) would be 200 m away from the asset. The site access track, which would replace the existing farm track, has been routed so as to avoid the scheduled area but would nevertheless represent a new feature alongside the cup marked rock, slightly altering its baseline settings. The proposed turbines would be fairly prominent in the setting of the rock (Figure 9.10), visible in an arc from the southwest to the southeast. Three of the turbines (T3, 4 and 5) would stand in commercial forestry; some initial felling of the woodland would be carried out, particularly around T5, to accommodate the proposed turbines; however the remaining forestry would provide some (limited) screening. As a new and modern element in the landscape the Proposed Development may affect the experiential appreciation of 'sense of place' of any visitors to this site. The Proposed Development would not however affect the ability to appreciate the asset or the relationship between the cup marked rock and other monuments within the surrounding area. Taking this into consideration it is assessed that the Proposed Development would have a medium magnitude effect on the setting of the asset, resulting in an effect of moderate significance.

Knock Jargon, fort and cairn (305): Figure 9.11

9.7.19 The well preserved earthwork remains of a prehistoric fort and burial cairn are situated on a crag on the summit of Knock Jargon Hill, approximately 2.5 km east-northeast of West Kilbride. The monument is a prominent feature in the surrounding landscape, overlooking the Rowanside Burn valley and with panoramic views out to the surrounding landscape in all directions, and. Despite lying within the existing operational Ardrossan Wind Farm, the fort retains a strong aesthetic and experiential character. It has a high archaeological interest and some value as a recreational and educational asset.

9.7.20 The closest of the operational Ardrossan Wind Farm turbines lies approximately 300 m from the asset; the operational turbines almost entirely encircling the fort (Figure 9.3) with operational turbines visible in an arc from the north-northeast to the south. The operational Kelburn, Dalry and Millour Hill Wind Farms are also visible clustered together in distant views to the northeast.

9.7.21 The proposed wind turbines would be present as an additional cluster to the northwest of the operational turbines of Ardrossan Wind Farm (Figure 9.11); being seen as an extension of the existing Wind Farm, with the nearest proposed turbine being approximately 800 m from the asset. Their presence would result in an increase in the number of turbines that would be visible from the cairn to the northwest. The presence of the operational Ardrossan Wind Farm has already affected the setting of the fort and cairn and taken against the current baseline the proposed turbines would have a minimal effect on the setting of the monument; none of the proposed turbines being closer to the asset than the nearest Ardrossan Wind Farm turbines. It is, therefore, assessed that the Proposed Development would have a low magnitude effect on the setting of the asset, resulting in an effect of minor significance.

Bushglen Mount, barrow (or cairn) (3336): Figure 9.12

9.7.22 The earthwork remains of this prehistoric barrow (burial cairn) stand on a low hillock within a small walled woodland plantation and surrounded by arable farmland. Wide views are afforded from the asset overlooking surrounding arable fields; the views appear to be particularly concentrated to the southwest, aligned along a small valley running between Bush Glen Burn, to the north of the asset, and Crosbie Burn, to the south, and overlooking the Ayrshire coastline. Wide, open views are also gained to the west taking in the prominent summit of Goldenberry Hill on the coast north of West Kilbride. Views to the north and east are constrained by rising topography to the immediately surrounding hilltops. A double pylon mounted overhead power line runs past the asset on its south side.

9.7.23 Such funerary monuments are often intervisible with other similar features in the wider landscape and two such prehistoric burial cairns (5785 and 5809) which may have been contemporary with the monument are recorded on the summit of Cauldron Hill, which is visible to the northeast of Bushglen Mount. Cropmark remains of a barrow (NMRS Ref: NS14NE 40) have also been identified at Yonderfield, to the southwest.

9.7.24 The Proposed Development would lie to the southeast of the asset, the nearest turbine lying approximately 2 km away. The proposed turbines would be seen along with the operational Ardrossan Wind Farm, in the same arc of view, and the two schemes would appear as one slightly larger wind farm within the landscape (Figure 9.12). Although the proposed turbines would be an additional element in the surrounding landscape of the asset, they would be seen as a modest extension of the operational Ardrossan Wind Farm and it is considered that their presence would have only a minimal effect on the current baseline setting of the asset. In addition the proposed turbines would not be seen in views to the asset from the surrounding landscape, nor affect the views from the asset to potentially contemporary monuments in the wider landscape. It is assessed that the Proposed Development would have a low magnitude effect of minor significance on the setting of the asset.

Non-Statutory Registered Sites (NSR Sites)

North Hill/Knockewart, cairn/vitrified fort (5585): Figure 9.13

9.7.25 The earthwork remains of this prehistoric burial cairn stand at the summit of North Hill. A triangulation pillar has been erected at the centre of the cairn and the cairn has lost much of its original form. The monument has little aesthetic or experiential character as a modern radio mast and associated buildings have been

constructed immediately adjacent to the cairn, at the summit of the hill, and a metal fence has been erected around the radio mast and the remains of the cairn. It does have some archaeological interest and value as an educational resource, principally for its potential to inform our understanding of the construction of late prehistoric burial mounds.

9.7.26 The asset is located just north of the operational Ardrossan Wind Farm. The closest operational turbine being approximately 350 m from the asset, with the operational turbines visible in an arc from the south-southwest to the south-southeast of the asset. Views to the north-northeast from the asset also take in the operational Kelburn, Millour Hill and Dalry Wind Farms clustered around 3 km to the north of Knockendon Reservoir (Figure 9.3).

9.7.27 The proposed wind turbines would be present as an additional cluster northwest of the operational Ardrossan turbines (Figure 9.13), being seen as an extension of the operational wind farm. The nearest turbine would be approximately 600 m away from the asset. The presence of the proposed wind turbines would result in a slightly wider arc of turbines being visible to the west of the asset. The setting of the asset has already been appreciably altered by the presence of a radio mast, and associated buildings, immediately adjacent to the asset and by the presence of the operational Ardrossan Wind Farm. Taken against the current baseline, the proposed turbines would only have a minimal effect on the setting of the asset; none of the proposed turbines being closer to the cairn than the radio mast or nearest of the Ardrossan Wind Farm turbines. It is, therefore, assessed that the Proposed Development would have a low magnitude effect on the setting of the cairn, resulting in an effect of minor significance.

Blackshaw Moor, enclosure (5587): Figure 9.14

9.7.28 The poorly preserved remains of this enclosure stand on a south facing slope of a small bedrock outcrop within a large clearing in the commercial forestry plantation. The exact function and date of this enclosure is not known, although it has been suggested previously to be of possible prehistoric date. The enclosure remains are currently covered in dense reeds and are difficult to distinguish. Although encircled by forestry, views out to the surrounding landscape can still be gained from the monument and it is possible to gain an appreciation of the wide views afforded from the asset. Views are particularly concentrated to the south overlooking Haupland Muir and towards Knock Jargon fort (305), including views of the operational Ardrossan Wind Farm (Figure 9.3), and along the Gourrock Burn valley to the southwest with long distance views taking in the Ayrshire coastline also afforded in this direction. The enclosure has little in the way of aesthetic appeal or experiential character, being rather poorly preserved and not prominently visible within the landscape. It does have a high archaeological interest, principally for its potential to inform our understanding of the design and construction and purpose of prehistoric enclosures/settlement in Ayrshire, and has value as an educational resource.

9.7.29 The asset stands within the Proposed Development Site (Figure 9.1). All six proposed turbines would be visible from the asset in an arc from the east-northeast to the northwest, although intervening topography provides some partial screening (Figure 9.14). The closest proposed turbine (T3) would be 0.1 km to the east-southeast of the asset. Three of the proposed turbines (T3, T4 and T5) would be situated within the current commercial forestry, while the other three (T1, T2 and T6) would stand within improved pasture fields, on the edge of the commercial forestry, to the northwest of the asset. Some initial felling of the woodland would be carried out to accommodate the proposed turbines, particularly around T5; however, the remaining forestry would provide some (albeit limited) screening. The enclosure is not scheduled and it is of unknown function and date, however, preliminary appraisal by WoSAS considered that the enclosure is potentially of prehistoric date and it is assessed as being of regional heritage importance. The current

setting (including the views out to the surrounding landscape) makes a moderate contribution to its understanding and appreciation, and this gives it a setting of medium sensitivity.

- 9.7.30 The character of the landscape within which the enclosure stands and out over which it looks would be discernibly altered by the presence of the proposed turbines. However, the surrounding landscape, and the relationship between the enclosure and that landscape, would still be legible and it will remain possible to appreciate the setting of the enclosure. The impact upon the setting of the enclosure is assessed to be of medium magnitude (causing a discernible change in the surroundings of an asset such that its baseline setting is partly altered), resulting in an overall effect of moderate significance.

North Hill, enclosures: hut-circles (possible) (5601): Figure 9.15

- 9.7.31 The poorly preserved and low-relief earthwork remains of these two circular enclosures, interpreted as possible prehistoric hut-circles, survive within in an area of moorland at the base of Knockewart Hill. The enclosures stand just north of a small stream surrounded by moorland. The enclosures have little aesthetic or experiential character; both are poorly preserved and can only be appreciated at relatively close quarters. They have a high archaeological interest and value as an educational resource, in their potential to inform our understanding of later prehistoric settlement in Ayrshire.
- 9.7.32 Views out from the asset are concentrated in an arc from the northwest to the northeast overlooking Blackshaw Hill and Munnoch Burn valley. Some long distance glimpses of arable farmland and the Ayrshire coastline are also gained particularly in views to the northwest and glimpses of the operational Millour Hill/Dalry and Kelburn Wind Farm cluster are also visible in long distant views to the north-northeast. Views in other directions are, however, limited to the immediate moorland by intervening topography. The asset is located just north of the operational Ardrossan Wind Farm; the closest operational turbine being approximately 300 m southwest from the asset (Figure 9.3).
- 9.7.33 The proposed wind turbines would be present as an additional cluster visible in views to the west from the asset; the proposed turbines being seen in conjunction with the operation Ardrossan Wind Farm, but visually separate (Figure 9.15). The nearest proposed turbine would be at a similar distance (300 m) from the asset as the closest of the Ardrossan Wind Farm turbines.
- 9.7.34 The introduction of the Proposed Development would alter the character of the landscape within which the asset lies, and out over which views extend. However, the relationship between the asset and the surrounding landscape would still be easily legible, and whilst the Proposed Development would be prominent in the views to the northwest, its presence would not affect an ability to appreciate the character of the remains or to understand their relationship with the surrounding landscape. On that basis, it is assessed that the impact of the Proposed Development on the hut-circles would be of low magnitude and of minor significance.

Cumulative Effects

- 9.7.35 The location of the Proposed Development, the location of cultural heritage assets from which there would be predicted views of the Proposed Development, and other wind farm schemes included in the cumulative assessment are shown on Figure 9.3. The baseline condition and setting of key cultural heritage assets is discussed above in Operational Impacts and summarised in Appendices 9.2 and 9.3.
- 9.7.36 The proposed turbines would stand on the southern slopes of Blackshaw Hill and immediately north-northwest of the operational Ardrossan Wind Farm, which comprises 15 turbines. From most locations in the wider landscape, the proposed turbines would be seen along with the operational Ardrossan scheme and

would appear as an extension to the existing wind farm (Figure 9.3). Together these developments would have the most impact on the setting of monuments in closest proximity to them. These include the Scheduled Blackshaw Quarry cup and ring marked rock (4429); the Scheduled Knock Jargon cairn and fort (305); and three NSR assets (5587, 5585, 5601). The operational Ardrossan Wind Farm has already altered the setting of these assets and although the proposed turbines would extend the arc in which turbines would be visible from these assets, it is considered that the cumulative effect of the Proposed Development in combination with the operational Ardrossan Wind Farm would be of no more than minor significance.

- 9.7.37 Within 10 km of the Proposed Development there are a further three operational wind energy developments: Millour Hill Wind Farm (six turbines); Kelburn Wind Farm (14 turbines); Dalry Wind Farm (six turbines), which are approximately 3 km to the northeast of the proposed turbines; one development currently being constructed, Hunterston Offshore Wind Turbine Test Facility (three turbines), approximately 5.5 km to the northwest, and two additional consented developments, Sorbie Wind Farm (three turbines), approximately 2.5 km southeast and Millour Hill Extension (two turbines), approximately 5 km to the northeast.
- 9.7.38 The consented Sorbie Wind Farm would stand on the opposite side of the Rowanside Burn valley to the Proposed Development and would be visible along with both the Proposed Development and the operational Ardrossan Wind Farm, but seen visually separate from these two schemes. From most of the heritage assets the Sorbie Wind Farm would be seen behind the existing Ardrossan Wind Farm. No cultural heritage assets are located between these two wind farm clusters. Where the two wind farm clusters (Proposed Blackshaw Wind Farm, Ardrossan Wind Farm and Sorbie Wind Farm) are visible in the wider landscape, principally from the northwest (West Kilbride) and south (Ardrossan/Saltcoats), the majority of the heritage assets in these areas are considered to have localised settings which are not significantly affected by the Proposed Development, and there would therefore only be a limited cumulative effect on heritage assets located in the wider landscape from the Proposed Development in combination with the consented Sorbie Wind Farm.
- 9.7.39 The operational Millour Hill (and consented Millour Hill Extension), Kelburn and Dalry Wind Farms are all located just northeast of Knockendon Reservoir, clustered along Cockrobin Hill, Baidland Hill, Cock Law and Green Hill and are viewed as one contiguous group, spread out along the hill tops. These developments and the Proposed Blackshaw Wind Farm would be seen in different arcs of views from the majority of cultural heritage assets. Where views do take in all five developments (the Proposed Development, operational Millour Hill, Dalry and Kelburn schemes and consented Millour Extension), principally from the south (Figure 9.3), the Millour Hill, Dalry and Kelburn schemes would be seen in the far distance, beyond the proposed turbines and the Ardrossan Wind Farm; the cumulative effect being only minimal.
- 9.7.40 Once constructed, Hunterston Offshore Wind Turbine Test Facility would stand on the shores of the Firth of Clyde. This three turbine development would be 5.5 km away from the Proposed Development and at a lower elevation than the proposed turbines. The two schemes would be seen visually separate from each other in views from the surrounding area and in most cases the Hunterston Offshore Wind Turbine Test Facility would be seen in distant views (if at all) from heritage assets whose settings would be affected, to some degree. The closest heritage asset, with predicted visibility of the Proposed Development, to Hunterston Offshore Wind Turbine Test Facility would be Category B Hunterston House (14268) (Figure 9.3), which would stand approximately 1km south of the Hunterston Offshore Wind Turbine Test Facility; the wind farm having the most impact on the setting of the house. The Proposed Development lies over 4.5km away from Hunterston House and would be seen only in distant views from the asset and would have a minimal cumulative impact in combination with Hunterston Offshore Wind Turbine Test Facility. Overall, it is

assessed that the presence of both these developments would not result in any significant cumulative impacts on heritage assets in the surrounding landscape.

- 9.7.41 Taking the operational and consented wind energy development within the 10 km study area it is judged that the cumulative effect on key cultural heritage assets from the Proposed Development in combination with others that are operational, consented or currently proposed would be of low magnitude and minor significance.

9.8 Construction Mitigation

- 9.8.1 Planning Advice Note 1/2013: Environmental Impact Assessment (PAN 1/2013) describes mitigation as a hierarchy of measures: prevention, reduction, compensatory (offset) measures. Prevention and reduction measures can be achieved through design, whilst compensatory measures offset impacts that have not been prevented or reduced.
- 9.8.2 The emphasis in Planning Advice Note (PAN) 2/2011: Planning and Archaeology (PAN2) is the preservation of important remains in situ where practicable and by record where preservation is not possible. The mitigation measures presented below therefore take account of this planning guidance and provide various options for protection or recording and ensuring that, where practical, surviving assets are preserved intact to retain the present historic elements of the landscape.
- 9.8.3 All mitigation works presented in the following paragraphs will take place prior to, or, where appropriate, during, the construction of the Proposed Development. All works will be conducted by a professional archaeological organisation, and the scope of works will be detailed in one or more Written Scheme(s) of Investigation (WSI) developed in consultation with (and subject to the agreement of) WoSAS on behalf of North Ayrshire Council.

Preservation in Situ

- 9.8.4 Where sites and features have been identified in close proximity to development components they would be marked out on-site, prior to commencement of the construction phase, to ensure that they are avoided, and preserved in situ. Sites would be entirely fenced off or marked out to prevent accidental damage occurring to the remains during construction activities in the vicinity. Sites that would be marked out include:
- Scheduled Blackshaw Quarry cup and ring marked rock (1/4429) which lies close to the proposed main access track. A 10 m buffer from the edge of the scheduled area surrounding the cup and ring marked rock would be marked out and the remains clearly fenced off. Signage would be erected advising of the scheduled status of the remains and prohibiting damage.
 - The upstanding remains of an enclosure (5/5587) which lies close to the proposed access track to Turbine 3. A 10 m buffer from the edge of the remains would be established and marked out.
 - The core elements of 'Hopeton' farmstead (6), including the farm buildings (6a and 6b) and associated enclosure (6c), which lie close to the proposed access track to Turbines 1, 2 and 5. A 10 m buffer from the edge of the remains would be established and marked out.

Watching Brief, Recording, Excavation and Post-Excavation

- 9.8.5 Watching briefs will be carried out to identify and record any remains that may be encountered during construction, prior to their loss. The scope of any watching briefs(s) will be agreed with WoSAS, heritage

advisors to North Ayrshire Council, in advance of development works commencing and will be set out in the Written Scheme of Investigation (WSI).

- 9.8.6 Various elements of the Proposed Development either cross or pass close to a number of archaeological features. In order to ensure that any surviving buried remains that maybe associated with these features are properly identified and recorded, watching briefs will, as a minimum, be carried out specifically at the following locations:
- Where the proposed site access track passes the scheduled cup and ring marked rock (1/4429); and,
 - Where the proposed access track to Turbine 3 passes the remains of the enclosure (5/5587).

Post-Excavation

- 9.8.7 If significant discoveries are made during any archaeological monitoring works which are carried out, and it is not possible to preserve the discovered sites or features in situ, provision would be made for the excavation, where necessary, of any archaeological remains encountered. This provision would include the consequent production of written reports, on the findings, with post-excavation analysis and publication of the results of the works, where appropriate.

Construction Guidelines

- 9.8.8 Written Guidelines will be issued for use by all construction contractors, outlining the need to avoid causing unnecessary damage to known sites. The Guidelines will be incorporated into the CEMP (refer to Section 2 - Detailed Project Description for more details) and will set out arrangements for calling upon retained professional support in the event that buried archaeological remains of potential archaeological interest (such as building remains, human remains, artefacts, etc.) should be discovered in areas not subject to archaeological monitoring.
- 9.8.9 The guidance will make clear the legal responsibilities placed upon those who disturb scheduled monuments artefacts or human remains.

9.9 Residual Effects

- 9.9.1 The completion of the programme of archaeological mitigation works set out above (Paragraphs 9.8.1 – 9.8.9) will minimise or offset the loss of any archaeological remains that may occur as a result of the construction of the Proposed Development. There is some potential for direct effects on any surviving buried archaeological remains that may be encountered. However, taking the mitigation into account, any residual effect in relation to direct effects on the cultural heritage resources within the Proposed Development Site would be of no more than minor significance.
- 9.9.2 A residual indirect effect of moderate significance has been predicted on the setting of one Scheduled Monument, Blackshaw cup and ring rock (4429) and one NSR Site, Blackshaw Moor, Enclosure (5587). All the remaining assets within 10 km of the Proposed Development would receive indirect effects of not more than minor significance.

9.10 Summary

- 9.10.1 A desk-based assessment and reconnaissance field survey have been carried out for the Proposed Development Site. The assessment has been informed by comments and information supplied by Historic Scotland and WoSAS.
- 9.10.2 Seventeen cultural heritage assets (sites and features) have been identified within the Proposed Development Site. These range in date from the early prehistoric (Neolithic/Bronze Age) to the post-medieval period and include a well-preserved cup and ring marked rock, which is a Scheduled Monument, several prehistoric artefact find-spots, a possible prehistoric enclosure and later post-medieval settlement and agrarian activity.
- 9.10.3 Analysis of the records in the WoSAS HER and RCAHMS (Canmore) show that there is a distribution of identified prehistoric sites within the wider landscape surrounding the Site indicating settlement in this area from at least the late Neolithic and the location of the various recorded sites suggest that there is a high potential for further archaeological discoveries in the locale, including within the Proposed development Site.
- 9.10.4 Where proposed infrastructure crosses or is located within areas of modern forestry plantation, which have undergone ploughing prior to forestry planting, the potential is considered to be low to moderate. In other areas (pastureland) it is considered the potential for buried archaeological remains to survive is considered to be moderate to high.
- 9.10.5 Eight direct impacts are predicted on a short section of field wall (**6f**), five quarries (**8, 12a, 12b, 15** and **16**), and two clearance spreads (**14a** and **14b**). These are all minor post-medieval features of no more than local heritage importance and no impacts of major significance are predicted.
- 9.10.6 There are two moderately significant impacts predicted: on the setting of one Scheduled Monument, Blackshaw Quarry cup and ring marked rock (**4429**), and on one NSR Site, Blackshaw Enclosure (**5587**), both of which are located within the Proposed Development Site.
- 9.10.7 It is considered that the cumulative effect on cultural heritage assets from the Proposed Development in combination with other wind energy developments in the surrounding landscape would be of no more than minor significance.

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Appendix 9.1 - Heritage Assets within the Proposed Development Site

| Heritage Asset No | Heritage Asset Name / Type | Status | HER No. / NMRS No. | Easting | Northing | Source(s) | Heritage Asset Description | Heritage Importance |
|-------------------|--|---------------------------|--------------------|---------|----------|---|--|---------------------|
| 1 | Blackshaw, Cup and Ring Marked Rock | Scheduled Monument (4429) | 5583 / NS24NW 19 | 223105 | 648345 | HER; Canmore; Historic Scotland Monument Inventory; Boyd and Smith (1887); Field survey | <p>The Inventory of Scheduled Monuments (Historic Scotland 2014) records that this monument comprises a flat outcrop of rock, decorated with cup and ring markings. The decoration on the rock includes about 300 cups, 40 half cups, 27 cups with one ring, 11 cups with two rings, 3 cups with three rings and 3 spirals. Some rings are gapped, with a radial groove from the cup. The greatest ring diameters and the greatest depth of carving are 28 cm and 5 cm respectively. It is one of the most complex and one of the best preserved cup and ring marked rocks in southwest Scotland.</p> <p>Canmore and the HER record that the rock has been fenced-off and de-turfed. It measures 5.2 m east to west and 3.2 m north to south. Adjacent to the southeast limit of the rock, on the other side of a field wall, is another flat rock surface (exposed area roughly 5 m by 2 m) bearing at least two cup marks.</p> <p>Boyd and Smith (1887) records that parts of shale rings were found when cleaning soil from crevices in the rock in the 19th century.</p> <p>Field survey for this assessment, identified the cup and ring marked rock which is located in an area of grassland on the edge of forestry. The main part of the bedrock outcrop is located to the north of a stone built field wall. There was no evidence for any fence surrounding the rock as noted by Canmore (see above). The cup and ring marks were still visible, although some moss cover has started to grow on the rock. The bedrock outcrop noted to the south of the field wall by the HER and Canmore (see above) has been subsumed by grass, and the cup marks previously recorded are no longer visible.</p> | National |
| 2 | Blackshaw Moor, Findspot, Arrowhead (flint) | | 5588 / NS24NW 23 | 223100 | 648340 | HER; Canmore | The HER and Canmore record that a leaf-shaped flint arrowhead was found in ploughed land about 9 m (10 yds) from the cup and ring marked rock (1) in the late 1880s. Several pieces of coal and un-worked flint were also collected from the field at the same time. | Lesser |
| 3 | Blackshaw, Findspot, Cup and Ring Marked Stone | | 5599 / NS24NW 33 | 223140 | 648330 | HER; Canmore | The HER and Canmore record that a broken cube-shaped gritstone slab (35 cm by 25 cm by 20 cm) was found in the 1960s some 30m ESE of the cup and ring-marked rock (1) and c.21 m from the north wall of the field. The stone had formerly been part of the wall, and it is decorated with a cup and three, now incomplete, rings 23 cm in diameter, with a cup in the outer ring and perhaps natural radial groove from the cup. | Lesser |
| 4 | Blackshaw Moor, Findspot, Hammer (stone) | | 5589 / NS24NW 24 | 223100 | 648200 | HER; Canmore | The HER and Canmore record that a stone hammer was found in the late 1890s between the cup marked rock (1) and homestead (5). | Lesser |
| 5 | Blackshaw Moor, Enclosure, Rig | NSR Site: Code V | 5587 / NS24NW 22 | 223130 | 648170 | HER; Canmore; Aerial photographs; Field survey | <p>Canmore and the HER record that the scant remains of a possible enclosure is present at this location. The feature was first recorded in the late 1890s (Smith 1895, Lamb 1896) and was interpreted at the time as the remains of a possible fort or stone-circle.</p> <p>Field survey carried out in 1957 by the Ordnance Survey recorded that the enclosure was located on the slopes of a small knoll. It was sub-circular in plan and measured 26 m in diameter; large stones were visible in the surrounding bank of the enclosure, spread to 3 m wide and 0.3 m high, and no entrance was visible. Subsequent field survey by the Ordnance Survey in 1965 recorded that the enclosure appeared to be the remains of an old livestock enclosure of no great age.</p> <p>Later field survey in 1982 by the Ordnance Survey recorded that the enclosure is situated in a non-defensive position on a low, reed-covered rise at 170 m AOD. Enough survived of the enclosure to suggest that the earth and rubble walling (2 m – 2.5 m wide) was retained by substantial inner and outer facing-stones, and that there was probably an entrance on the slightly uphill northern side adjacent to a rock outcrop. The only measurable height to the enclosure bank was at a point on the northern arc where an inner scarp 0.3 m high survived. Narrow rig and furrow remains are visible on aerial photographs from 1980 overlying the western half of this site.</p> <p>Current field survey identified the enclosure (5a) just south of a rocky knoll. The remains of the enclosure are poorly preserved and difficult to define, although fragments of turf-covered bank are just visible on the northern and southwestern arcs, suggesting a bank c.3 m wide. The enclosure is roughly sub-circular in plan measuring c.25 m in diameter. The interior of the enclosure was full of dense reeds and no obvious internal features were visible. What maybe a possible entrance is visible on the north side of the enclosure (as previously recorded by the Ordnance Survey in 1982); however a well worn sheep track leads up around the rocky outcrop knoll, to the north of the enclosure, and crosses the northern edge of the enclosure at the location of the 'entrance' and it maybe that the 'entrance' recorded in 1982 may actually be a result of erosion of the enclosure bank at this point from animal trampling. No visible upstanding remains of rig and furrow (as previously noted from aerial photographs from 1980, see above) were identified in the area.</p> | Unknown (Regional) |
| 6a-c | Hopeton, Farmstead, Field | | 15809 / | 222920 | 648180 | HER; Canmore; | A farmstead, annotated 'Hopeton', is depicted on the Ordnance Survey 1st Edition map (Ayr, 1858, Sheet X1.5 (West Kilbride), | Local |

| | | | | | | | | |
|----|----------------------------|--|-----------|--------|--------|----------------------------------|---|--------|
| | System | | NS24NW 59 | | | Historic Maps; Field survey | <p>25 inch). The farmstead comprised three roofed buildings and three enclosures. A series of rectilinear fields surround the farmstead. By the Ordnance Survey 2nd Edition map (Ayr, 1896, Sheet 011.05, 25 inch) the farmstead comprises two buildings, one of which is only partially roofed, and three enclosures. The same farmstead is shown on the 1910 Ordnance Survey map (25 inch).</p> <p>Canmore and the HER record that the ruined farmstead of 'Hopeton' has been surveyed in 1994 (Vickers 1994). A comprehensive archive search has been undertaken together with a photographic and site survey during which ground plans of the structures were made.</p> <p>The remains of Hopeton Farmstead were identified during the current field survey. The farmstead comprises the remains of a long rectangular building (16a), which appears to be split into at least four compartments, and the remains of another building (16b) (possibly an outbuilding), split into two compartments, just to the west. The long rectangular building (16a) survives in varying condition, most is visible only as wall footings, however, the second compartment (from the west) is generally well-preserved with walls surviving to 2m high in places. Two doorways are still visible within this part of the building, at the southwest end and on the southern side, and one window frame is still partially preserved in the southern side. The building is of stone and lime mortar construction; the walls of the building are constructed from large well-dressed stone and the doorways and windows have ornate facings. The condition of the long rectangular building reflects the depiction of the farmstead on the Ordnance Survey 2nd Edition map (1896) which shows that only the second compartment as roofed while the rest of the building is shown as unroofed. The second building (16b) (outbuilding) is generally poorly preserved with only mostly turf-covered footings of the building visible; although the northern elevation of the building still stands to 2 m high (max). The farmstead stands on a flat rectangular platform within an area of scrub land on the edge of a commercial forestry plantation. The outline of the enclosure (16c) surrounding the farmstead, as depicted on the Ordnance Survey 1st Edition map, is visible as tumbled grass-covered banks.</p> <p>The remains of a field system depicted on the Ordnance Survey 1st Edition map (1856) to the south of the farmstead still partially survives within the forestry plantation. The remains of a large turf-covered stone bank (16d) are visible running along the edge of the modern forestry. The bank is 2 m wide and 0.9 m high and two, now dead, deciduous trees, stand on the top of the bank. This bank appears to correspond with the tree-lined enclosure shown on the Ordnance Survey 1st Edition map to the south of the farmstead. The remains of two stone field walls (16e and 16f) are also visible running along the edge of the modern forestry to the east of the farmstead and these also correspond with field boundaries shown on the 1st Edition map. A further section of turf-covered stone bank (16g), approximately 160m to the southeast of the farmstead is visible running along the edge of the forestry. The current condition of further field boundaries are not known, these are now located in an area of dense commercial forestry; the field boundaries are however visible as partially tumbled walls on modern aerial photographs (GoogleEarth™) suggesting that they likely still survive within the forestry.</p> | |
| 7 | Law Hill, Road, Hollow way | | 48745 | 221468 | 648570 | HER; Historic maps; Field survey | <p>The HER records that there is a sunken lane (hollow way) with a stone base that follows the contours around Law Hill. This road is marked on the Ordnance Survey 1st Edition map, linking Hopeton Farmstead (6), and the quarries (8 and 10), to the town of West Kilbride. The same road is shown on subsequent Ordnance Survey maps (1896 and 1910).</p> <p>Field survey identified the road running along the southern edge of an improved pasture field. It is visible as a 1 m deep grass-covered hollow way with two field walls running along its northern and eastern edges; only the tumbled footings of the northern field wall survive. No road surface is visible and the hollow way is full of gorse bushes. The hollow way may be the remains of a former drove road.</p> | Local |
| 8 | Quarry | | | 223035 | 648727 | Historic maps; Field survey | <p>A large irregular quarry, annotated 'Blackshaw Quarry (sandstone)', is depicted on the Ordnance Survey 1st Edition map (Ayr, 1858, Sheet X1.5 (West Kilbride), 25 inch) and subsequent Ordnance Survey maps (1896, 1910). Three roofed buildings are depicted on the 1910 Ordnance Survey map within the quarry.</p> <p>Field survey identified the quarry just west of a farm access track. The quarry is spread over an area c. 130 m long by 70 m wide, and 3m - 4 m deep. Several trackways, as depicted on the Ordnance Survey 1910 25 inch map, lead into the quarried area from the east. Worked faces are visible on the western side of the quarry and several large blocks of stone have been abandoned at the base of the quarry. No remains of the buildings, shown on the 1910 Ordnance Survey map survive. Two small corrugated constructed structures are located on the western side of the quarry and are currently used as animal shelters; these appear to be recent structures.</p> | Lesser |
| 9 | Field boundary | | | 223211 | 648796 | Historic maps; Field survey | <p>A former field boundary, annotated 'Old Fence', is depicted on the Ordnance Survey 1st Edition map (Ayr, 1858, Sheet X1.5 (West Kilbride), 25 inch), but not shown on the Ordnance Survey 2nd Edition map (Ayr, 1896, Sheet 011.05, 25 inch). No remains of the field boundary now survive in an area of modern forestry plantation.</p> | Lesser |
| 10 | Quarry | | | 223239 | 648638 | Historic maps; Field | <p>An 'Old Quarry' is depicted on the Ordnance Survey 1st Edition map (Ayr, 1858, Sheet X1.5 (West Kilbride), 25 inch) and</p> | Lesser |

| | | | | | | | | |
|----|---|--|--|---------|--------|----------------------------------|---|--------|
| | | | | | | survey | subsequent maps (1896, 1910). No remains of the quarry now survive in an area of modern forestry plantation. | |
| 11 | Well | | | 222558 | 648003 | Historic maps; Field survey | A well is depicted on the Ordnance Survey 2nd Edition map (Ayr, 1896, Sheet 011.05, 25 inch) and on the Ordnance Survey 1910 map (25 inch). No upstanding remains of the well were identified during the field survey; the location of the well as shown on the Ordnance Survey 2 nd Edition map now lies in commercial forestry plantation. | Lesser |
| 12 | Quarries | | | 2225789 | 648297 | Aerial photographs; Field survey | Three grass-covered quarries are visible on modern aerial photographic imagery (GoogleEarth™) in an improved pasture field. Field survey identified the remnants of the former quarries. 12a – 2225789, 648297: A sub-oval grass-covered quarry (20 m by 15 m and 2 m-2.5 m deep) aligned northeast to southwest open at the southwest edge. Occasional fragments of bedrock are visible within the northwestern end of the quarry, but there are no obvious worked faces. 12b – 222535, 648326: A roughly circular grass-covered quarry (15 m in diameter and 2-3 m deep). 12c – 222497, 648309: An oval grass-covered quarry (25 m by 10 m and 1 m-1.5 m deep). | Lesser |
| 13 | Stone stile/steps | | | 222622 | 648221 | Field survey | Stone steps (1.2 m high) have been built up against the northern edge of a stone field wall at the southeastern corner of an improved pasture field. The steps have been blocked off and are no longer in use. A modern wooden stile to allow access has been built just north of the steps. | Lesser |
| 14 | Clearance spreads | | | 222864 | 648187 | Field survey | 14a – 222864, 648187: A large rectangular spread of cleared stone present immediately north of a farm access track. The clearance spread measures 20 m long by 3 m wide and 1 m high. 14b – 222908, 648200: A roughly rectangular spread of clearance stone, 15 m by 3 m and 0.5 m-0.8 m high present immediately north of a farm access track. | Lesser |
| 15 | Quarry | | | 222936 | 648208 | Field survey | A roughly rectangular quarry, 25 m by 3 m wide and 1 m deep, cut into a small slope immediately north of a farm access track. | Lesser |
| 16 | Clearance stone, quarry | | | 222977 | 648223 | Field survey | An irregular spread of clearance stone, 25 m by 3 m, spread over a small slope just immediately north of a farm access track. The stone appears to have been dumped in what may have originally been a small quarry, similar to quarry (15). | Lesser |
| 17 | Rig and furrow cultivation remains (possible) | | | 222867 | 648289 | Aerial photographs; Field survey | What may be the faint outline of rig and furrow cultivation remains are visible on modern aerial photographic imagery (GoogleEarth™) to the north of Hopeton Farm (5). No upstanding remains of the rig and furrow cultivation remains were visible during the field survey. | Lesser |

Appendix 9.2 - Key External Assets within 0 – 5 km of the Proposed Development with Predicted Visibility of one or more Proposed Turbines

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine (km) | No. of turbine tips visible | No. of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|---------------------------------|-------------------------------|---------|----------|--|--|------------------------|----------------------------------|-----------------------------|-----------------------------|--|------------------------|
| 305 | Knock Jargon, cairn & fort | National (Scheduled Monument) | 223550 | 647321 | Earthwork remains of a prehistoric fort and burial cairn standing on a crag on the summit of Knock Jargon Hill. The monument stands within the operational Ardrossan Wind Farm; the closest operational turbine being approximately 300 m from the fort. Views from the fort take in the surrounding pasture farmland and the operational Ardrossan wind turbines visible in an arc from the NNE to the south. Views of the fort are afforded from the surrounding landscape, seen from the north, west and south positioned beyond the wind turbines, and from the east back dropped by the turbines. | Medium: stands in recently modified landscape; operational Wind Farm | High | 0.8 | 6 | 6 | [Wireframe: Figure 9.11] Low: the presence of the operational Ardrossan Wind Farm has already affected the setting of the cairn and fort and taken against the current baseline, the proposed turbines would have a minimal effect on the setting of the monument; none of the proposed turbines being closer to the asset than the nearest Ardrossan Wind Farm turbines | Minor |
| 2175 | Auld Hill, fort, Portencross | National (Scheduled Monument) | 217829 | 649119 | The poorly preserved remains of a medieval fortified site that occupies the tail of a prominent ridge called 'Auld Hill', just east of Portencross village. Wide views to the surrounding landscape are gained from the monument; principally concentrating out towards the west and overlooking the Firth of Clyde and the Ayrshire coastline. Views to the east overlook surrounding arable farmland. | Medium: poorly preserved monument | High | 4.7 | 6 | 6 | Low: the proposed turbines would be visible in the wider landscape surrounding the asset, however their presence at nearly 5km away would not detract from an appreciation of the monument or an ability to understand the monument's setting. | Minor |
| 2187 | Boydston Braes, motte | National (Scheduled Monument) | 221951 | 644845 | The earthwork remains of a prehistoric fort situated on a promontory with steep natural slopes on the east, south and west, with a ditch crossing the promontory on the north. The monument occupies a commanding position with extensive views out to the Ayrshire coast and Firth of Clyde to the east. Intervening topography to the north, east and south screen views towards the Proposed Development. | High: prehistoric monument in prominent coastal position | High | 3.2 | 3 | 0 | Imperceptible: the proposed turbines would be largely screened from view by intervening topography | Negligible |
| 3336 | Bushglen Mount, ENE of Bushglen | National (Scheduled Monument) | 221143 | 649864 | The earthwork remains of a prehistoric barrow or burial cairn standing on a low hillock within a small walled woodland plantation, which is surrounded by arable farmland. Wide views to the surrounding farmland landscape are gained from the monument, in all directions. Principal views appear to be concentrated to the southwest, aligned along a small valley between Bush Glen Burn, to the north of the monument, and Crosbie Burn to the south and overlooking the Ayrshire coastline. | Medium: stands in a small woodland plantation within an area of improved farmland | High | 2.0 | 6 | 6 | [Wireframe: Figure 9.12] Low: the proposed turbines would be visible in views to the southwest back dropped by the operational Ardrossan Wind Farm and seen as one slightly larger development. Although the proposed turbines would be additional industrial elements in the surrounding landscape of the asset, they would be seen as a small extension of the operational | Minor |

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| | | | | | | | | | | | wind farm and it is considered that their presence would have only a minimal effect on the current baseline setting of the asset. | |
| 3382 | Montfode Burn, motte | National (Scheduled Monument) | 222647 | 643748 | The earthwork remains of a motte surviving as a flat topped mound situated at the east end of the Montfode Braes. Surrounded by new housing on the edge of Ardrossan. Localised town setting. | Low: stands within modified townscape | Medium | 4.1 | 6 | 5 | Imperceptible: the immediate town setting would not be affected by the presence of the proposed turbines | Negligible |
| 3694 | Castle Knowe, motte | National (Scheduled Monument) | 220346 | 650826 | An earthen mound located at the edge of an improved pasture field just west of North Kilruskin Farm and east of the A78 trunk road. The exact date and function of the mound is unknown and has previously been recorded as both the possible remains of a medieval motte and bailey, or as a natural feature. The mound lies immediately west of a railway bridge and the railway line passes on the east side of the mound. Views out from the feature appear to be concentrated to the southwest. | Low: stands in small improved field bounded by railway on east side and the A78 public road to the west, modified landscape | Medium | 3.2 | 6 | 5 | Imperceptible: the immediate setting of the asset would not be affected by the Proposed Development and the presence of the proposed turbines would not effect an ability to appreciate or understand the asset | Negligible |
| 4429 | Blackshaw Quarry, cup & ring marked rock 320m S of | National (Scheduled Monument) | 223110 | 648346 | A well-preserved cup and ring marked rock (bedrock outcrop) located at the edge of a pasture field. Partially overlain by a dry stone field wall. The surrounding landscape comprised of a mix of commercial forestry and improved pasture fields. The cup and ring marked rock would stand on the edge of the Proposed Development Site. The closest proposed turbine would lie 200 m to the west of the monument and proposed turbines would be visible in views to the west and south from the asset. Currently views out to the surrounding landscape from the monument to the south take in the existing Ardrossan Wind Farm. | Medium: located in improved farmland on edge of commercial forestry plantation | High | 0.2 | 6 | 5 | <i>[Wireframe: Figure 9.10]</i> Medium: the Proposed Development would be fairly prominent in the setting of the asset; however the Proposed Development would not affect the ability to appreciate the asset or the relationship between the cup marked rock and other monuments within the surrounding area. | Moderate |
| 5816 / 105 | Montfode Castle | National (Scheduled Monument & Category B Listed) | 222631 | 644105 | The poorly preserved remains of a baronial castle; all that remains of the castle today is fragments of a roofless, circular tower and a portion of the south wall. The castle remains stand on level ground on the west bank of the Montfode Burn. The castle remains stand in an improved pasture field just north of the A78 trunk road. Views from the castle remains are concentrated to the south overlooking the Ayrshire coastline and taking in the townscape of Ardrossan. | Medium: located in an improved pasture field just north of A78 trunk road | High | 3.8 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate setting of the castle, nor would it be visible in principal views from the castle remains which are orientated to the south and overlooking Ardrossan | Negligible |
| 14309 | West Kilbride, Kirktonhall, Sundial | National (Category A Listed) | 220521 | 648272 | Localised town setting. | High: sundial associated with Kirktonhall | High | 2.0 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

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| 14313 | Hunterston Castle | National (Category A Listed) | 219285 | 651471 | A 15th century or early 16th century Keep with a 17 th century house attached to it. Forms part of Hunterston NIDL (see below). The main elevations of the castle are orientated north and south, the north view overlooking open parkland and taking in Hunterston House (14286); southern views are concentrated along an avenue and out over open parkland. Shelterbelts to east and west of the house screen views in these directions, particularly from ground floor level; although some wider landscape views may be visible from upper floors of the castle. | High: stands within designed landscape | High | 4.4 | 6 | 6 | Imperceptible: visibility of the Proposed Development would be limited by intervening woodland, particularly from ground level. There are potentially some glimpses of the Proposed Development in distant views from the upper floors of the castle, however the proposed turbines would not be visible in principal views to the north and south. Although a new element in the wider landscape surrounding the asset, its presence would not affect the designed landscape in which the castle stands, and forms part of; nor affect the relationship between the asset and other associated design features | |
| 43209 | West Kilbride, Seamill, Teacher's Training Centre | National (Category A Listed) | 220448 | 647223 | Localised town setting. | High: building in town setting | High | 2.3 | 2 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1250 | Munnoch | Regional (Category B Listed) | 225250 | 648450 | Mid-19 th century farmhouse standing just north of the B781 and forming part of a small courtyard farmstead. Surrounded by open farmland. Views to the southwest take in the operational Ardrossan Wind Farm. Localised farmland setting. | High: related farmland setting | High | 2.0 | 4 | 4 | Low: the proposed turbines would be visible in views to the southwest together with the operational Ardrossan Wind Farm. Although visible in the wider landscape setting of the building, the proposed turbines would not affect the immediate localised farmland setting of the asset. | Minor |
| 14282 | West Kilbride, Crosbie, | Regional (Category B Listed) | 221816 | 650059 | 17 th century house restored in 19 th century and now Scottish Youth Hostel. Stands at the centre of a modern caravan park. Woodland shelterbelt present to the north of the house, screening views out in this direction; open views out to the south overlooking arable farmland. | Low: surrounded by modern caravan park | Low | 1.8 | 5 | 0 | Imperceptible: the Proposed Development would not affect the immediate setting of the asset. | Negligible |
| 14283 | Lawoodhead | Regional (Category B Listed) | 221318 | 649106 | Early 19 th century farmstead. Stands on the eastern edge of Lawoodhead village, just north of the B781 public road. Surrounded by arable farmland. Localised farm setting. | High: related farmland setting | High | 1.4 | 6 | 5 | Low: although visible in the wider landscape, the Proposed Development would not affect the immediate farmland setting of the asset. | Minor |
| 14285 | Seamill | Regional (Category B Listed) | 220202 | 647122 | Localised town setting. | High: building in town setting | High | 2.6 | 3 | 1 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset. | Negligible |
| 14286 | Hunterston House | Regional (Category B Listed) | 219207 | 651739 | Georgian mansion built 1799 and extended in the late 19 th century. Forms part of Hunterston NIDL (see below). Stands in an | High: stands in designed landscape | High | 4.7 | 6 | 6 | Imperceptible: visibility of the Proposed Development would be limited by intervening woodland, | Negligible |

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|-------|---|------------------------------|--------|--------|---|---|-------------|-----|---|---|--|-------------------|
| | | | | | area of wooded parkland at the northern end of the designed landscape and north of Hunterston Castle (14313). The main elevation of the house are orientated NNW to SSE. Views from the house (front elevation) particularly overlook the Firth of Clyde estuary to the north. While views from the rear elevation (SSE elevation) look out over parkland policies and take in Hunterston Castle present to the south of the house. Views to the front elevation (NNW elevation) of the house, surrounded by woodland, are afforded from the public road leading to Hunterston Nuclear Generating Station that passes the building on its north side. Views of the building from other surrounding roads are limited by woodland and hedges. The Hunterston Nuclear Generating Station is located c. 550m to the southwest of the house, on the edge of Hunterston NIDL. Views from ground level are limited by surrounding woodland policies, although wider views taking in the surrounding landscape are probably afforded from upper floors of the house. | | | | | | particularly from ground level. There are potentially some glimpses of the Proposed Development in distant views from the upper floors of the house, however the proposed turbines would not be visible in principal views to the north and south. Although a new element in the wider landscape surrounding the asset, its presence would not affect the designed landscape in which the house stands, and forms part of; nor affect the relationship between the asset and other associated design features. | |
| 14308 | West Kilbride, Main Street, Kirktonhall House | Regional (Category B Listed) | 220505 | 648302 | Localised town setting. | High: building in town setting | High | 2.0 | 2 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset. | Negligible |
| 14315 | Hunterston House, Hunterston Gate | Regional (Category B Listed) | 219980 | 650160 | Possibly early 19 th century gates standing at the entrance to Hunterston Castle (14313). Stands immediately west of the A78. Localised road side setting with no intended long distant views. | High: forms part of the designed landscape for Hunterston Castle – localised road side setting | High | 3.1 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate roadside setting of the asset. | Negligible |
| 19686 | Carlung House | Regional (Category B Listed) | 219566 | 649070 | 1930s Elizabethan style country house. Stands in small designed landscape just northwest of West Kilbride. Main elevations of the house are orientated ENE and WSW. Principally surrounded by woodland, particularly on the north, east and south sides which screen views out, and from, the surrounding landscape. | High: stands in associated designed landscape | High | 3.0 | 6 | 4 | Imperceptible: views to the Proposed Development would be largely screened by intervening woodland. | Negligible |
| 21331 | Ardrossan, 56 Eglinton Road | Regional (Category B Listed) | 223143 | 643160 | Localised town setting. | High: building in town setting | High | 4.8 | 6 | 1 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset. | Negligible |
| 51402 | Ritchie Street, Overton Church (Church Of Scotland), Including Boundary Wall, | Regional (Category B Listed) | 220297 | 648132 | Localised town setting. | High: building in town setting | High | 2.2 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

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| | Gatepiers And Gates | | | | | | | | | | | |
| 1061 | Montefode Farmhouse & Courtyard | Local (Category C Listed) | 222662 | 644237 | Early 19 th century farmhouse forming part of courtyard farmsteading. Standing in farmland just north of the A78 trunk road. Situated on a south facing slope. Principal views out overlooking the Firth of Clyde and the Ayrshire coastline. Localised farmland setting. | High: localised farmland setting | Medium | 3.7 | 6 | 1 | Imperceptible: the Proposed Development would not affect the immediate farmland setting of the asset. | Negligible |
| 1242 | Giffordland | Local (Category C Listed) | 226628 | 648938 | Late 18 th /early 19 th century farmhouse. Stands at centre of farmsteading and surrounded by a number of modern farm buildings. Surrounded by farmland. Localised farmland setting. | High: localised farmland setting | Medium | 3.5 | 4 | 0 | Imperceptible: views of the Proposed Development would largely be screened by intervening topography. The presence of the proposed turbines within the wider landscape would not affect the immediate farmland setting of the asset. | Negligible |
| 14287 | Hunterston House, Well | Local (Category C Listed) | 219201 | 651765 | Stone well-head standing just north of Hunterston House (14286). Forms part of Hunterston NIDL (see below). Localised garden setting. | High: stands in a designed landscape | High | 4.7 | 6 | 6 | Imperceptible: views to the Proposed Development would be screened by intervening buildings and surrounding woodland | Negligible |
| 14288 | Hunterston House, Walled Garden | Local (Category C Listed) | 219201 | 651765 | Possible 18 th century walled garden, partly rebuilt in the 1980s. Forms part of Hunterston NIDL (see below). Stands in wooded polices just west of Hunterston Castle (14313). Woodland surrounds the west and south sides of the walled garden, screening views out in these directions. Hunterstone Nuclear Power Station stands c.400m to the west of the walled garden. Long distant views to the surrounding landscape are unlikely to form a significant feature of the wall garden. | High: localised woodland setting - stands in designed landscape | High | 4.5 | 6 | 6 | Imperceptible: views to the Proposed Development from the asset would largely be restricted by intervening woodland and the presence of the Proposed Development would not affect the immediate woodland setting of the garden. | Negligible |
| 14310 | West Kilbride, Cemetery, Monument to Dr Robert Simpson | Local (Category C Listed) | 220663 | 548729 | Stands in large graveyard on the north side of West Kilbride. The monument is a local landmark. Views out from this monument are not an integral part of its setting. Localised graveyard setting. | High: localised graveyard setting | Medium | 1.9 | 4 | 3 | Imperceptible: the Proposed Development would not affect the immediate graveyard setting of the asset. | Negligible |
| 21332 | Ardrossan, Stanley Road, Kirkhill Burial Place | Local (Category C Listed) | 223861 | 643416 | Localised town setting. | High: building in town setting | Medium | 4.6 | 6 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset. | Negligible |
| 21334 | Mill Farm, Dalry Road | Local (Category C Listed) | 223583 | 644487 | Standing on edge of farmland just north of the A78 trunk road. Partially surrounded by trees. Main elevation of farmsteading aligned northeast and looking out over farmland and Mill Glen Reservoir. Localised farmland setting. | High: localised farmland setting. | Medium | 3.5 | 4 | 0 | Imperceptible: although visible in the wider landscape, the Proposed Development would not affect the immediate farmland setting of the asset. | Negligible |
| 50774 | 73 Main Street and Hunterston Road | Local (Category C Listed) | 220583 | 648375 | Localised town setting. | High: building in town setting | Medium | 1.9 | 1 | 0 | Imperceptible: the proposed Development would not affect the immediate town setting of the | Negligible |

| | | | | | | | | | | | asset | |
|--|---------------|-------------------------------|--------|--------|---|---|---------------|-----|---|---|--|--------------|
| | West Kilbride | Regional (Conservation Areas) | 216459 | 654913 | Small Conservation Area encompassing the core of West Kilbride town, including Main Street and Ritchie Street. The Conservation Area includes 17 Listed Buildings, such as Category A Listed Kirktonhall Sundial and Category B Listed Kirktonhall (now Ayrshire Council Offices). Views out from the CA are largely restricted by surrounding buildings, although glimpses to surrounding hill tops are afforded from the eastern end of Main Street. | High | High | 1.7 | 6 | 3 | Imperceptible: the Proposed Development would be largely screened from view by intervening buildings. | Minor |
| | Carlung | Regional (NIDL) | - | - | Designed landscape forming the setting of Carlung House (19686). The designed landscape largely comprises of woodland policies that surround the house and entrance drives. The remains of a circular walled garden appear to survive within the woodland to the west of the house and this is shown on the Ordnance Survey 1 st Edition map forming part of the original designed landscape. Views within the woodland policies are generally limited to immediate surroundings, although there is a small vista overlooking the former gardens from the house to the west. The surrounding woodland largely screens views out, and from the surrounding landscape. | High: generally well-preserved designed landscape forming the setting for Category B Listed Carlung House. | High | 2.7 | 6 | 5 | Low: the Proposed Development would generally be screened from view within the designed landscape by surrounding woodland and would not affect the immediate setting of Carlung House. It would also still be able to appreciate and understand the relationship between the house and other designed features, including an associated garden wall. | Minor |
| | Crosbie | Regional (NIDL) | - | - | Former designed landscape that surrounded 17 th century Crosbie Tower (14282), which is now a Scottish Youth Hostel standing at the centre of a modern caravan park. Woodland still surrounds the tower and caravan park today, and this generally reflects the layout of the woodland as shown on the 1 st Edition map. The remains of a walled garden survive just west of Crosbie tower on the edge of the caravan park and this appears to have originally been associated with the tower. Other designed features, including a former garden set out immediately southwest of the tower, no longer survive. | Medium: fragmentary designed landscape surrounding Category B Listed Crosbie Tower | Medium | 0.9 | 6 | 6 | Low: the Proposed Development would generally be screened from view within the designed landscape by surrounding woodland and would not affect the immediate setting of Crosbie Towers which now stands at the centre of a modern caravan park. | Minor |
| | Hunterston | Regional (NIDL) | - | - | Designed landscape forming the setting of Hunterston Castle (14313) and Hunterston House (14286). The designed landscape largely comprises of woodland parkland that surround the house, entrance drives and other associated design features, including a walled garden associated with Hunterston Castle. The layout of the designed landscape today corresponds well with the layout shown on the Ordnance Survey 1 st Edition and has undergone little modification since the mid- | High: generally well-preserved designed landscape forming the setting for Category A Listed Hunterston Castle and Category B Listed Hunterston House | Medium | 3.7 | 6 | 6 | Low: visibility of the Proposed Development would be limited by intervening woodland, particularly from ground level. Although a new element in the wider landscape surrounding the asset, its presence would not affect the designed landscape in which the castle and house stand, and form part of; nor would it affect the relationship between the asset | Minor |

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| | | | | | 19 th century. Views from the wooded policies are afforded out to surrounding arable farmland. A vista runs from the north elevation of Hunterston House, overlooking the Ayrshire coastline and the Firth of Clyde. | | | | | | and other associated design features. The proposed turbines would not be visible in the main vista (to the north) from Hunetrston House. | |
| 5548 | Knockrivoch Mount, Barrow (possible) / Motte (possible) | Regional (NSR Code V) | 225345 | 645110 | An artificial mound standing in an improved arable field. The exact function and date of the mound is not known, it has previously been interpreted as either a possible prehistoric barrow, or the remains of a motte. Stands immediately north of a telecommunication mast. Wide open views are visible in all directions from the asset, taking in the surrounding farmland and the Ayrshire coastline, to the southwest. The operational Ardrossan Wind Farm is visible in view to the northwest. | Medium: stands in a recently modified farmland setting | Medium | 3.7 | 6 | 2 | Imperceptible: the proposed turbines would be largely screened from view by intervening topography. Where turbine tips would be visible these would be seen to the northwest of the asset and in conjunction with the operational Ardrossan Wind Farm. Although a new element in the wider landscape, the Proposed Development would not materially affect the relationship between the asset and its surrounding landscape, nor affect an ability to appreciate the character of the earthwork remains or understand their relationship with the surrounding landscape. | Negligible |
| 5585 | North Hill / Knockewart, Cairn; Vitrified Fort (possible) | Regional (NSR Code V) | 223870 | 648060 | The earthwork remains of a prehistoric burial cairn standing at the summit of North Hill. A triangulation pillar has been erected on its centre and the cairn has lost much of its original form. A modern radio mast and associated buildings have been constructed beside the cairn and a fence has been erected around the mast and cairn. | Low: the cairn has lost much of its original form and now stands in a small complex for a modern radio mast | Low | 0.6 | 6 | 6 | [Wireframe: Figure 9.13] Low: the setting of the asset has already been affected by the presence of a radio mast, associated buildings, immediately adjacent to the site and by the presence of the operational Ardrossan Wind Farm. The introduction of the proposed turbines would have a minimal effect on the current baseline setting of the asset | Minor |
| 5587 | Blackshaw Moor, Enclosure: Rig | Regional (NSR Code V) | 223130 | 648170 | The generally poorly preserved remains of an enclosure on the south facing slope of a small bedrock outcrop. Stands in an opening within commercial forestry; although, views from the monument can still be gained out to the surrounding landscape, particularly concentrated to the south and southwest overlooking the existing Ardrossan Wind Farm, to the south, and further afield taking in the coastline to the west and views of the Isle of Arran. Stands within the Proposed Development Site. | Medium: although standing in an area of commercial forestry views from the monument can still be gained to the surrounding area and its topographical position overlooking the Kirkland Glen valley can still be appreciated | Medium | 0.1 | 6 | 6 | [Wireframe: Figure 9.14] Medium: The character of the landscape within which the enclosure stands and out over which it looks would be discernibly altered by the presence of the proposed turbines. However, the surrounding landscape, and the relationship between the enclosure and that landscape, would still be legible and it would remain possible to appreciate the setting of the enclosure. | Moderate |
| 5601 | North Hill, Enclosures: Hut-circles (possible) | Regional (NSR Code V) | 223565 | 648125 | The poorly preserved and low-relief earthwork remains of two circular enclosures, interpreted as possible prehistoric hut-circles. | High: stands in area of unmodified moorland | High | 0.3 | 6 | 6 | [Wireframe: Figure 9.15] Low: The Proposed Development would be visible together with the | Minor |

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| | | | | | The earthwork remains survive within in an area of moorland at the base of Knockewart Hill and just north of a small stream. Views out are concentrated in an arc from the northwest to the northeast overlooking Blackshaw Hill and Munnoch Burn valley. Some long distance glimpses taking in arable farmland and the Ayrshire coastline are also gained, particularly in views to the northwest, and glimpses of the operational Millour/Dalry and Kelburn Wind Farm cluster are also visible in long distant views to the north-northeast. Views in other directions are limited to the immediate moorland by intervening topography. The asset is located just north of the operational Ardrossan Wind Farm; the closest operational turbine being approximately 300 m southwest from the asset. | | | | | | operational Ardrossan Wind Farm, effectively viewed as one larger development in a small arc of view to the northwest of the asset. Although a new element in the wider landscape, the Proposed Development would not affect the relationship between the asset and its surrounding landscape, nor affect an ability to appreciate the character of the earthwork remains or understand their relationship with the surrounding landscape. | |
| 5809 | Caldron Hill, Cairn (possible) | Regional (NSR Code V) | 222895 | 651145 | Earthwork remains of a large burial cairn standing approximately 70 m southwest of the summit of Caldron Hill. The cairn has been disturbed by the construction of two shooting butts, one at the centre of the cairn and the other on its northwest perimeter. Stands in area of open moorland. Wide open views out to the surrounding landscape, particularly taking in the Ayrshire coastline and Firth of Clyde to the west and the southwest. | High: stands in area of unmodified moorland | High | 2.8 | 6 | 6 | Low: The Proposed Development would be visible together with the operational Ardrossan Wind Farm, effectively viewed as one larger development in a small arc of view to the south of the asset. Although a new element in the wider landscape of the cairn the presence of the Proposed Development would not affect an ability to appreciate the asset in its moorland setting and the relationship between the asset and its wider landscape would still be legible. | Minor |
| 5605 | Law Hill, Fort | Regional (NSR Code C) | 221555 | 648445 | The remains of a possible prehistoric fort visible as cropmarks on aerial photography within an area of arable farmland. No upstanding remains of the site are visible on the ground. | Negligible: cropmark site in modern arable farmland | Low | 0.9 | 6 | 4 | Imperceptible: The setting of the site adds little to its value or significance as an archaeological resource and would not be affected by the introduction of the Proposed Development. | Negligible |
| 5785 | Little Caldron, Cairn (possible) | Regional (NSR Code C) | 223150 | 651000 | The earthwork remains of a prehistoric burial cairn situated on the summit of Little Cauldron Hill. Stands in open moorland. Wide open views out to the surrounding landscape, particularly taking in the Ayrshire coastline and Firth of Clyde to the west and the southwest. | High: stands in area of unmodified moorland | High | 2.7 | 6 | 6 | Low: The Proposed Development would be visible together with the operational Ardrossan Wind Farm, effectively viewed as one larger development in a small arc of view to the south of the asset. Although a new element in the wider landscape of the cairn the presence of the Proposed Development would not affect an ability to appreciate the asset in its | Minor |

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| | | | | | | | | | | | moorland setting and the relationship between the asset and its wider landscape would still be legible. | |
| 5797 | Biglees Hill, Cairn | Regional (NSR Code C) | 221125 | 651965 | The earthwork remains of a prehistoric burial cairn situated on the eastern summit crest of Biglees Hill. The cairn has been heavily robbed on its north side. Stands in open moorland. Views are concentrated to the north, aligned down the Firth of Clyde and overlooking the Ayrshire coastline. Views to the east and west are more localised taking in the surrounding hilltops, whilst intervening topography limits views to the south. | High: stands in area of unmodified moorland | High | 3.8 | 6 | 6 | Low: The Proposed Development would be visible together with the operational Ardrossan Wind Farm, effectively viewed as one larger development in a small arc of view to the southeast of the asset. Although a new element in the wider landscape of the cairn the presence of the Proposed Development would not affect an ability to appreciate the asset in its moorland setting and the relationship between the asset and its wider landscape would still be legible. | Minor |

Appendix 9.3 - Key External Assets within 5 – 10 km of the Proposed Development with Predicted Visibility of one or more Proposed Turbines

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|---|--|---------|----------|---|---|------------------------|-----------------------------|----------------------------|----------------------------|--|------------------------|
| 418/851 | Little Cumbrae, lighthouse tower & associated buildings | National (Scheduled Monument & Category A Listed) | 214308 | 651479 | Remains of a 200 year old coal-fired lighthouse consisting of a circular stone tower, restored in 1956. Stands on the summit of Lighthouse Hill and surrounded by open moorland. Wide panoramic views out across the island and the surrounding seascape. | High: stands in prominent coastal position | High | 8.7 | 6 | 6 | Low: the proposed turbines would be visible in the wider landscape views from the asset; however at over 8.5km away the development will not materially affect the setting of the lighthouse. | Minor |
| 2195/853 | Little Cumbrae Castle | National (Scheduled Monument & Category A Listed) | 215247 | 651342 | Semi-ruinous square tower dating to the 15 th century. Stands on a small islet on the east coast of Little Cumbrae Island. Principal views afforded out to the coastline and across the channel between Little Cumbrae and Fairle (Fairle Roads). | High: stands in unmodified coastal setting | High | 7.8 | 4 | 0 | Imperceptible: intervening topography will largely screen views to the Proposed Development | Negligible |
| 3383/21266 | Ardrossan, Castle | National (Scheduled Monument & Category B Listed) | 223235 | 642287 | The very fragmentary remains of 15 th century Ardrossan Castle, with only a portion of the original tower, vaulted kitchen and two cellars surviving. Standing on the southern edge of Castle Hill at the centre of Ardrossan town. Forms one of a number of heritage assets that stands on the hill, including Category B Listed Castle Hill Obelisk (21264) and Ardrossan Old Parish Church (21265). Localised town setting. | Medium: more recent town setting | High | 5.6 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 7864 | Kerelaw Castle | National (Scheduled Monument & Category B Listed) | 226897 | 642855 | The ruins of a late 13 th century castle which was converted to a garden folly for Kerelaw House in c.1830. The castle ruins stand on the eastern banks of the Stevenston Burn and on the western edge of Stevenston town. The principal views from the castle are concentrated along the Stevenson Burn valley to the north and south. | Medium: former castle modified in the 10 th century and now stands on edge of modern housing estate | High | 6.4 | 1 | 0 | Imperceptible: the proposed turbines would be largely screened by intervening topography | Negligible |
| 90187/36237 | Kilwinning Abbey | National (Scheduled Monument, Category A Listed & HS Property in Care) | 230328 | 643287 | The fragmentary remains of Kilwinning Abbey situated at the centre of Kilwinning town, just south of Main Street. The abbey was built in the 13 th century and appears to have been destroyed shortly after the Reformation. The present parish church was built over part of the site of the abbey's choir and little remains of the original abbey today, although the south transept of the abbey still stands along with parts of the nave, cloister, chapter house and vaulted cellars. The abbey remains stands in a later churchyard that contains some 17 th century gravestones. The remains of the south transept along with a 19 th century clock-tower (36236) are the main landmarks in the town. Localised town setting. | Medium: more recent town setting | High | 8.5 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|---|------------------------------|---------|----------|--|--|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 1196 | Blair | National (Category A Listed) | 230453 | 648034 | Country mansion dating from the 16 th to 19 th centuries; originally a 16 th century tower house which has been altered at different periods. Forms part of Blair Estate Garden and Designed Landscape – see details below. The mansion stands towards the centre of the estate. The main elevation of the mansion is orientated NNE with the principal entrance being on the eastern side of the building. Woodland surrounds the house on the north, west and south side principally screening views in these directions. To the east the building overlooks open parkland. | High: stands in well-preserved designed landscape | High | 7.2 | 5 | 3 | Imperceptible: the Proposed Development will be largely screened from view by intervening topography and surrounding woodland and the presence of the proposed turbines would not affect the immediate setting of the asset. | Negligible |
| 1254 | Swindridge Muir | National (Category A Listed) | 231958 | 649842 | Country mansion standing in small designed landscape. The main elevations of the house are orientated northwest and southeast. Surrounded principally by woodland shelterbelts that screen views to, and from, the surrounding landscape. | High: stands in small designed landscape | High | 8.9 | 6 | 4 | Imperceptible: views to the Proposed Development would be screened by intervening topography | Negligible |
| 21335 | Ardrossan, South Crescent Road, St Peter-In-Chains Roman Catholic Church | National (Category A Listed) | 223292 | 642155 | Localised town setting. | High: building in town setting | High | 5.8 | 2 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37824 | Great Cumbrae Island, Millport, College Street, Cathedral Of The Isles And Collegiate Church Of The Holy Spirit | National (Category A Listed) | 216577 | 655240 | 19 th century church standing on edge of Millport in elevated position. Surrounded by woodland that provides a sheltered setting for the church. | High: building in town setting | High | 9.1 | 6 | 6 | Imperceptible: views to the Proposed Development would be screened by intervening woodland | Negligible |
| 1186 | Dalry, 7 Blair Road | Regional (Category B Listed) | 229945 | 649155 | Localised town setting. | High: building in town setting | High | 6.8 | 5 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1188 | Dalry, Templeland Crescent, Templeland | Regional (Category B Listed) | 229011 | 649791 | Localised town setting. | High: building in town setting | High | 6.0 | 4 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1189 | Dalry, Tofts, Bridgend Mill And Millhouse | Regional (Category B Listed) | 229711 | 649407 | Localised town setting. | High: building in town setting | High | 6.6 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1191 | Dalry, Courthill, Dalry Mission Halls | Regional (Category B Listed) | 229228 | 649505 | Localised town setting. | High: building in town setting | High | 6.1 | 5 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1193 | Dalry, 69 New Street | Regional | 229362 | 649322 | Localised town setting. | High: building in town | High | 6.2 | 2 | 0 | Imperceptible: the Proposed | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|--|------------------------------|---------|----------|---|---|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| | | (Category B Listed) | | | | setting | | | | | Development would not affect the immediate town setting of the asset | |
| 1198 | Blair Estate, Garden Walls | Regional (Category B Listed) | 230322 | 648053 | 18th century rubble-built garden walls with side gates in northeast and northwest walls. Forms part of Blair Estate Garden and Designed Landscape – see details below. The walled garden stands east of Blair House (1196) and is surrounded by woodland that provides a secluded setting for the garden. It is currently planted with Christmas trees. | High: forms part of designed landscape | High | 7.1 | 5 | 2 | Imperceptible: the Proposed Development would be screened from view by intervening topography and surrounding woodland and the presence of the proposed turbines would not affect immediate the setting of the asset | Negligible |
| 1203 | Blair Park, Blair, Stable Block | Regional (Category B Listed) | 230477 | 647888 | Early 19th century. 2 storey U-plan castellated stable block. Forms part of Blair Estate Garden and Designed Landscape – see details below. Stands towards the centre of the estate and just south of Blair House (1196). The main elevations are orientated northeast and southwest, overlooking parkland. Woodland policies present to the west screen views out in this direction. | High: forms part of designed landscape | High | 7.2 | 6 | 3 | Imperceptible: the Proposed Development would be largely screened from view by intervening topography and surrounding woodland and the presence of the proposed turbines would not affect immediate the setting of the asset | Negligible |
| 1204 | Kilbirnie, Brownhill House | Regional (Category B Listed) | 231324 | 651439 | Late 18 th century house standing in small designed garden and surrounded by trees. Principal elevations orientated northwest and southeast. | High: stands in small designed garden | High | 8.7 | 6 | 5 | Imperceptible: the Proposed Development would be largely screened from view by intervening woodland and the presence of the proposed turbines would not affect the immediate setting of the asset | Negligible |
| 1205 | Dalry, Beith Road, River Garnock, Carsehead Bridge | Regional (Category B Listed) | 230067 | 649743 | Single span bridge crossing the Garnock River. Views concentrated along the river to the south and north. Localised valley setting. | High: localised valley setting | High | 7.0 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate river setting of the asset | Negligible |
| 1208 | Dalry, 5 Aitken Street | Regional (Category B Listed) | 229254 | 649305 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1209 | Dalry, 7 Aitken Street | Regional (Category B Listed) | 229265 | 649284 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1210 | Dalry, 9 Aitken Street, Chapelhill | Regional (Category B Listed) | 229280 | 649264 | Localised town setting. | High: building in town setting | High | 6.1 | 1 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1211 | Dalry, The Cross, Trinity Church | Regional (Category B Listed) | 229209 | 649498 | Localised town setting. | High: building in town setting | High | 6.1 | 5 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1214 | Dalry, 14-16 The | Regional | 229231 | 649467 | Localised town setting. | High: building in town | High | 6.1 | 4 | 0 | Imperceptible: the Proposed | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|--|------------------------------|---------|----------|---|---|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| | Cross, Town House | (Category B Listed) | | | | setting | | | | | Development would not affect the immediate town setting of the asset | |
| 1219 | Dalry, 9 Main Street, The Auld Hoose Bar | Regional (Category B Listed) | 229158 | 649505 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1220 | Dalry, 17 Main Street | Regional (Category B Listed) | 229130 | 649502 | Localised town setting. | High: building in town setting | High | 6.0 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1220 | Dalry, 19-21 Main Street | Regional (Category B Listed) | 229128 | 649496 | Localised town setting. | High: building in town setting | High | 6.0 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1221 | Dalry, 23 Main Street | Regional (Category B Listed) | 229125 | 649494 | Localised town setting. | High: building in town setting | High | 6.0 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1233 | Dalry, 43 New Street | Regional (Category B Listed) | 229274 | 649362 | Localised town setting. | High: building in town setting | High | 6.2 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1236 | Dalry, 4 Townend Street | Regional (Category B Listed) | 229221 | 649322 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1237 | Dalry, 6 Townend Street | Regional (Category B Listed) | 229211 | 649317 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1247 | East Kersland | Regional (Category B Listed) | 230552 | 650539 | Early 19 th century farmhouse standing in small courtyard farmstead and surrounded by farm buildings. Localised farm setting. | High: localised farmland setting | High | 7.7 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate farmland setting of the asset | Negligible |
| 1251 | Pitcon | Regional (Category B Listed) | 229926 | 650655 | Later 18 th century country house standing in small designed landscape and surrounded by woodland. Located immediately north of Drakemyre industrial estate. | High: forms part of a small designed landscape | High | 7.1 | 6 | 3 | Imperceptible: the Proposed Development would largely be screened from view by intervening woodland | Negligible |
| 1253 | Dalry, Ryefield House, Walled Garden | Regional (Category B Listed) | 228646 | 650204 | Later 18 th century country house and associated walled garden. Both buildings stand within a designed landscape on the northern edge of Dalry town. The house has been divided into residential flats. The main elevations of the house are orientated NW to SE (front elevation). The walled garden is located just west of the house. Both buildings stand in open parkland surrounded by woodland that screens | High: forms part of a small designed landscape | High | 5.8 | 6 | 3 | Imperceptible: the Proposed Development would be largely screened from view by intervening woodland | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|---|------------------------------|---------|----------|---|---|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| | | | | | views from and to the buildings. The buildings stand just west of Drakemyre industrial estate. | | | | | | | |
| 1255 | Swindridge Muir, Stable Block | Regional (Category B Listed) | 231964 | 649916 | 19 th century stable block located just north of Category A Listed Swindridge Muir (1254). Stands in a small designed landscape for Swindridge Muir. Principally surrounded by woodland which screens views out to the surrounding landscape. | High: forms part of a small designed landscape | High | 8.9 | 6 | 5 | Imperceptible: views to the Proposed Development would be screened by intervening woodland | Negligible |
| 1258 | Dalry, The Cross, St Margaret's Church, Hall | Regional (Category B Listed) | 229151 | 649462 | Localised town setting. | High: building in town setting | High | 6.1 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 1262 | Dalry, 16, 18 New Street, Bank | Regional (Category B Listed) | 229246 | 649438 | Localised town setting. | High: building in town setting | High | 6.1 | 5 | 1 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 7567 | Monkredding House | Regional (Category B Listed) | 232395 | 645439 | Early 17 th century house which has been enlarged and re-orientated in the early 19 th century. Principal elevation (front elevation) is orientated to the south. Stands in small designed garden surrounded by woodland. | High | High | 9.5 | 3 | 0 | Imperceptible: the Proposed Development would be largely screened from view by intervening topography and woodland | Negligible |
| 7575 | Irvine, Eglinton Country Park, Kilwinning Gates Lodge | Regional (Category B Listed) | 231086 | 642310 | Single storey gate lodge situated just east of Irvine Road and on the outskirts of Kilwinning. Localised road side setting surrounded by woodland. | High: forms part of designed landscape | High | 9.8 | 6 | 3 | Imperceptible: the Proposed Development would not affect the localised roadside setting of the asset. | Negligible |
| 13658 | Irvine, Eglinton Country Park, Eglinton House | Regional (Category B Listed) | 231336 | 642321 | 18 th century garden cottage forming part of the designed landscape that surrounds Eglinton House. Surrounded by trees that provide a secluded setting for the building. | High: forms part of designed landscape | High | 10.0 | 6 | 3 | Imperceptible: views to the Proposed Development would be screened by intervening woodland | Negligible |
| 14398 | Stevenston, Hullerhirst, Gate Piers | Regional (Category B Listed) | 227662 | 643269 | Late 18 th century classical house standing in small designed landscape just north of Stevenston town and the A78 trunk road. Surrounded by woodland that provides a secluded setting for the building. | High: stands within small designed landscape | High | 6.6 | 6 | 2 | Imperceptible: views to the Proposed Development would be screened by intervening woodland | Negligible |
| 19136 | Ardeer, ICI Works, Staff Restaurant | Regional (Category B Listed) | 228228 | 640239 | Former temporary pavilion built in 1938 for the Empire Exhibition and re-sited at Ardeer with later 1960s additions. Formed part of the former ICI works situated at the head of the Ardeer Peninsula. Now forms part of Stevenston Industrial Estate. Surrounded by other industrial buildings and woodland that screens views out to the surrounding landscape. | High: forms part of contemporary industrial estate | High | 9.3 | 6 | 3 | Imperceptible: views to the Proposed Development would be screened by intervening woodland | Negligible |
| 19696 | Broom House And Steading | Regional (Category B Listed) | 228316 | 642109 | Later 18 th – early 19 th century farmhouse standing just south of a farmsteading and a number of large modern farm buildings/barns. Surrounded by farmland. Main elevations of buildings orientated northwest to southeast. Localised farmland setting. | High: localised farmland setting | High | 7.9 | 6 | 2 | Imperceptible: the Proposed Development would not affect the localised farmland setting of the asset. | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|--|------------------------------|---------|----------|-------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 21260 | Ardrossan, South Crescent Road, St Andrew's Episcopal Church | Regional (Category B Listed) | 223985 | 642017 | Localised town setting. | High: building in town setting | High | 6.0 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21261 | Ardrossan, 26 South Crescent Road | Regional (Category B Listed) | 223948 | 642016 | Localised town setting. | High: building in town setting | High | 6.0 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21264 | Ardrossan, Macfadzean's Monument | Regional (Category B Listed) | 223135 | 642225 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21265 | Ardrossan, Castle Hill, Old Parish Church And Graveyard | Regional (Category B Listed) | 223294 | 642421 | Localised town setting. | High: building in town setting | High | 5.5 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21267 | Ardrossan, Glasgow Street, Town Hall | Regional (Category B Listed) | 223164 | 642431 | Localised town setting. | High: building in town setting | High | 5.5 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21278 | Ardrossan, 4 South Crescent Road | Regional (Category B Listed) | 223392 | 642156 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21279 | Ardrossan, 5 South Crescent Road | Regional (Category B Listed) | 223430 | 642159 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 4 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21280 | Ardrossan, 6 South Crescent Road | Regional (Category B Listed) | 223458 | 642183 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21281 | Ardrossan, 7 South Crescent Road | Regional (Category B Listed) | 223492 | 642176 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21282 | Ardrossan, 8 South Crescent Road | Regional (Category B Listed) | 223519 | 642155 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21287 | Ardrossan, 14 South Crescent Road, Hotel | Regional (Category B Listed) | 223712 | 642121 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21290 | Ardrossan, 10 Princes Street, Council Offices | Regional (Category B Listed) | 222882 | 642089 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

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|----------------|--|------------------------------|---------|----------|-------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 21292 | Ardrossan, 41, 43, 45 Princes Street | Regional (Category B Listed) | 222951 | 642104 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21293 | Ardrossan, 47-51 Princes Street | Regional (Category B Listed) | 222962 | 642099 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21294 | Ardrossan, 53, 55, 57 Princes Street | Regional (Category B Listed) | 222973 | 642094 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21295 | Ardrossan, 63, 65, 67 Princes Street | Regional (Category B Listed) | 223003 | 642073 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21296 | Ardrossan, 59-61 Princes Street, Lyric Theatre | Regional (Category B Listed) | 222987 | 642096 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21297 | Ardrossan, 69 Princes Street | Regional (Category B Listed) | 223014 | 642066 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21300 | Ardrossan, 44 Princes Street | Regional (Category B Listed) | 222929 | 642072 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21301 | Ardrossan, 46-48 Princes Street | Regional (Category B Listed) | 222940 | 642063 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21302 | Ardrossan, 54 Princes Street | Regional (Category B Listed) | 222959 | 642056 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21303 | Ardrossan, 58 Princes Street | Regional (Category B Listed) | 222973 | 642049 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21304 | Ardrossan, 60 - 66 Princes Street | Regional (Category B Listed) | 222982 | 642045 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21305 | Ardrossan, 68 - 70 Princes Street | Regional (Category B Listed) | 222994 | 642039 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

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|----------------|---|------------------------------|---------|----------|-------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 21306 | Ardrossan, 72, 74 Princes Street | Regional (Category B Listed) | 223003 | 642032 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21307 | Ardrossan, 76 Princes Street, Bank | Regional (Category B Listed) | 223005 | 642022 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21308 | Ardrossan, 78 Princes Street, Clyde Estuary Hotel | Regional (Category B Listed) | 223028 | 642023 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21309 | Ardrossan, 17, 19 Harbour Street, Nichols Bar | Regional (Category B Listed) | 222901 | 642023 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21312 | Ardrossan, 32 Glasgow Street | Regional (Category B Listed) | 222985 | 642165 | Localised town setting. | High: building in town setting | High | 5.8 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21313 | Ardrossan, 34 Glasgow Street | Regional (Category B Listed) | 222985 | 642171 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21314 | Ardrossan, 36 - 38 Glasgow Street | Regional (Category B Listed) | 222992 | 642175 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21315 | Ardrossan, 40 - 44 Glasgow Street | Regional (Category B Listed) | 222994 | 642185 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21316 | Ardrossan, 46, 46a Glasgow Street | Regional (Category B Listed) | 222999 | 642197 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21317 | Ardrossan, 48, 50, 52 Glasgow Street | Regional (Category B Listed) | 223011 | 642208 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21318 | Ardrossan, 54, 56 Glasgow Street | Regional (Category B Listed) | 223022 | 642219 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21319 | Ardrossan, 66-68 Glasgow Street | Regional (Category B Listed) | 223025 | 642242 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

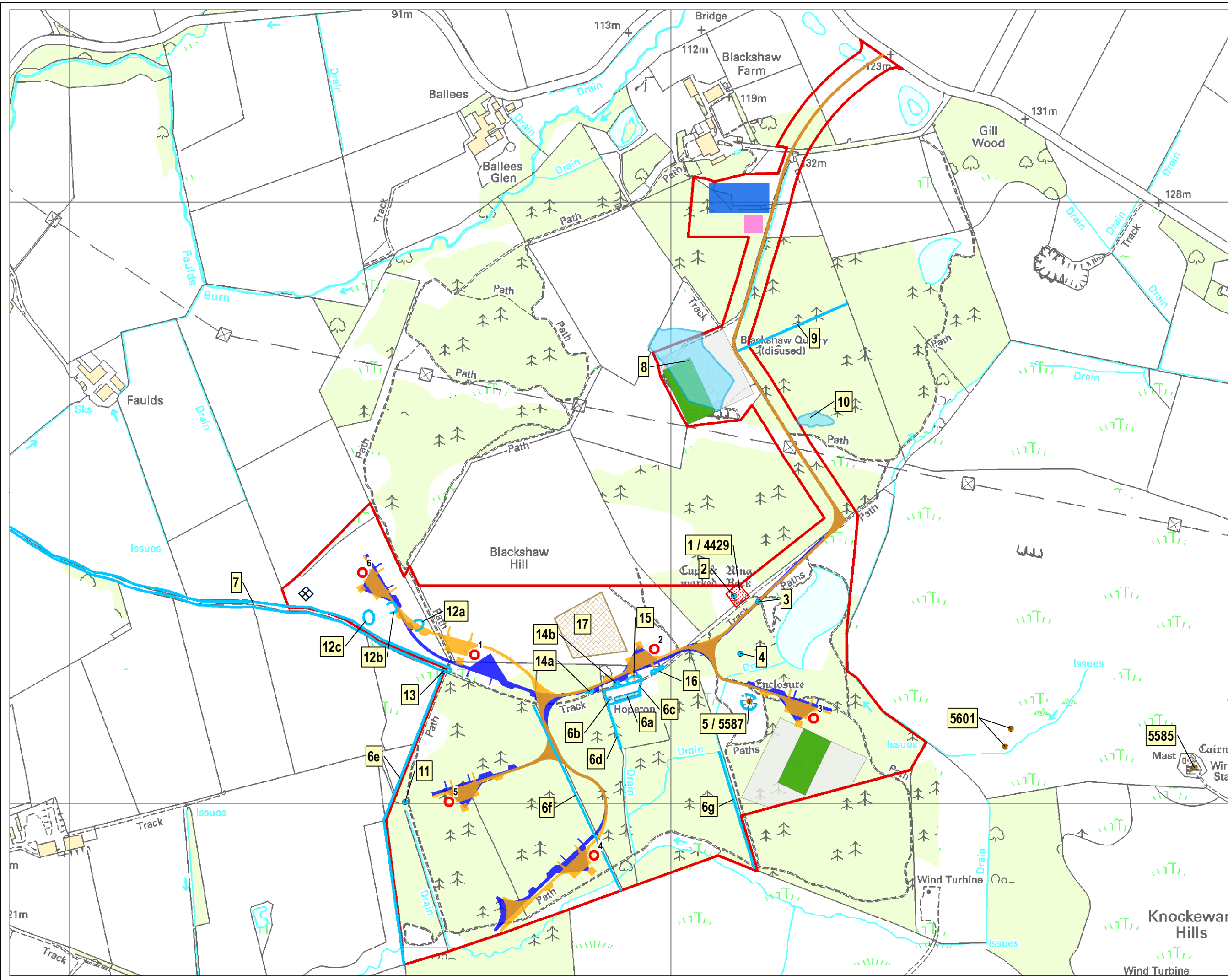
| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|--|------------------------------|---------|----------|-------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 21320 | Ardrossan, 70-72 Glasgow Street | Regional (Category B Listed) | 223033 | 642248 | Localised town setting. | High: building in town setting | High | 5.7 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21321 | Ardrossan, 86, 88 Glasgow Street | Regional (Category B Listed) | 223067 | 642307 | Localised town setting. | High: building in town setting | High | 5.6 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21322 | Ardrossan, 90, 92 Glasgow Street | Regional (Category B Listed) | 223072 | 642315 | Localised town setting. | High: building in town setting | High | 5.6 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21323 | Ardrossan, 94, 96 Glasgow Street | Regional (Category B Listed) | 223079 | 642329 | Localised town setting. | High: building in town setting | High | 5.6 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21324 | Ardrossan, 98, 100 Glasgow Street | Regional (Category B Listed) | 223085 | 642339 | Localised town setting. | High: building in town setting | High | 5.6 | 6 | 5 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21326 | Ardrossan, Dock Road, Customs House | Regional (Category B Listed) | 222808 | 642018 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 21327 | Ardrossan Harbour, Old Power House | Regional (Category B Listed) | 222747 | 642053 | Localised town setting. | High: building in town setting | High | 5.9 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 36235 | Kilwinning, Main Street, Kilwinning Abbey Church | Regional (Category B Listed) | 230321 | 643294 | Localised town setting. | High: building in town setting | High | 8.6 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 36236 | Kilwinning, Main Street, Detached Church Tower | Regional (Category B Listed) | 230277 | 643294 | Localised town setting. | High: building in town setting | High | 8.5 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37825 | Great Cumbrae Island, Millport, Glasgow Street, The Garrison | Regional (Category B Listed) | 216423 | 655029 | Localised town setting. | High: building in town setting | High | 9.0 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37825 | Great Cumbrae Island, Millport, The Garrison, East Gates | Regional (Category B Listed) | 216471 | 655015 | Localised town setting. | High: building in town setting | High | 9.0 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37826 | Great Cumbrae Island, Millport Harbour, General | Regional (Category B Listed) | 216310 | 654835 | Localised town setting. | High: building in town setting | High | 8.9 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|--|------------------------------|---------|----------|-------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| 37827 | Great Cumbrae Island, Millport, Mid Kirkton | Regional (Category B Listed) | 215756 | 655168 | Localised town setting. | High: building in town setting | High | 9.6 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37828 | Great Cumbrae Island, Millport, Mid Kirkton | Regional (Category B Listed) | 215787 | 655142 | Localised town setting. | High: building in town setting | High | 9.5 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37829 | Great Cumbrae Island, Millport, Kirkton House | Regional (Category B Listed) | 215689 | 655232 | Localised town setting. | High: building in town setting | High | 9.6 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37830 | Great Cumbrae Island, Millport, West Bay Road, Millburn | Regional (Category B Listed) | 215871 | 654796 | Localised town setting. | High: building in town setting | High | 9.2 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37831 | Great Cumbrae Island, Millport, 18-20 Crichton Street | Regional (Category B Listed) | 215864 | 654619 | Localised town setting. | High: building in town setting | High | 9.1 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37834 | Great Cumbrae Island, Millport, 8 And 9 Quayhead | Regional (Category B Listed) | 216028 | 654715 | Localised town setting. | High: building in town setting | High | 9.0 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 37836 | Great Cumbrae Island, Millport, 14 Bute Terrace, Springfield | Regional (Category B Listed) | 216106 | 655006 | Localised town setting. | High: building in town setting | High | 9.2 | 6 | 6 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40487 | Saltcoats, Old Parish Church | Regional (Category B Listed) | 224530 | 641400 | Localised town setting. | High: building in town setting | High | 6.7 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40488 | Saltcoats, Campbell Avenue, St Cuthbert's Parish Church | Regional (Category B Listed) | 224374 | 641788 | Localised town setting. | High: building in town setting | High | 6.3 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40489 | Saltcoats, Countess Street, Town House | Regional (Category B Listed) | 224748 | 641263 | Localised town setting. | High: building in town setting | High | 6.9 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40493 | Saltcoats, 1 Parkend Avenue | Regional (Category B Listed) | 225008 | 641351 | Localised town setting. | High: building in town setting | High | 6.9 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40496 | Saltcoats, Harbour | Regional (Category B Listed) | 224645 | 641014 | Localised town setting. | High: building in town setting | High | 7.1 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|---|------------------------------|---------|----------|--|--|------------------------|-----------------------------|----------------------------|----------------------------|--|------------------------|
| 40500 | Saltcoats Station | Regional (Category B Listed) | 224830 | 641335 | Localised town setting. | High: building in town setting | High | 6.9 | 6 | 3 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40502 | Saltcoats, 87, 89 Dockhead Street | Regional (Category B Listed) | 224566 | 641275 | Localised town setting. | High: building in town setting | High | 6.9 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40503 | Saltcoats, 1, 3 Hamilton Street, Bank | Regional (Category B Listed) | 224529 | 641300 | Localised town setting. | High: building in town setting | High | 6.8 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40517 | Saltcoats, 32 Hamilton Street | Regional (Category B Listed) | 224413 | 641405 | Localised town setting. | High: building in town setting | High | 6.7 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40528 | Saltcoats, 58 Hamilton Street | Regional (Category B Listed) | 224381 | 641492 | Localised town setting. | High: building in town setting | High | 6.6 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40529 | Saltcoats, 60 Hamilton Street | Regional (Category B Listed) | 224379 | 641498 | Localised town setting. | High: building in town setting | High | 6.6 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 40530 | Saltcoats, 62 Hamilton Street | Regional (Category B Listed) | 224371 | 641506 | Localised town setting. | High: building in town setting | High | 6.6 | 6 | 2 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 41052 | Stevenston, 31 High Road, Mayville | Regional (Category B Listed) | 226308 | 642171 | Localised town setting. | High: building in town setting | High | 6.7 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 41053 | Stevenston, 31 High Road, Mayville, Sundial | Regional (Category B Listed) | 226330 | 642150 | Localised town setting. | High: building in town setting | High | 6.7 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 41056 | Stevenston, Glencairn Street, Obelisk | Regional (Category B Listed) | 226335 | 642261 | Localised town setting. | High: building in town setting | High | 6.6 | 3 | 0 | Imperceptible: the Proposed Development would not affect the immediate town setting of the asset | Negligible |
| 41059 | Kerelaw Castle, Bridge | Regional (Category B Listed) | 226880 | 642882 | Single span bridge crossing the Kerelaw Glen Burn. Localised valley setting and surrounded by woodland. | High: localised valley setting | High | 6.4 | 1 | 0 | Imperceptible: views to the Proposed Development would be screened by intervening topography and surrounding woodland | Negligible |
| | Blair Estate | National (GDL) | 230542 | 647906 | This designed landscape is situated just southeast of Dalry and east of the River Gannock. It centres around the Bombo Burn in | High: well-preserved designed landscape forming the setting for | High | 6.7 | 6 | 0 | Imperceptible: views to the Proposed development would be screened largely by intervening | Negligible |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|-----------------|------------------------------|---------|----------|---|--|------------------------|-----------------------------|----------------------------|----------------------------|---|------------------------|
| | | | | | a river valley surrounded by gently undulating ground. It forms the setting for Category A Listed Blair House (1196) and other associated buildings including Category B Listed stables (1203) and walled garden (1198). The designed landscape is composed of woodland policies of mixed deciduous planting interspersed with coniferous plantations. There are views from the house to the Knockewart Hills in the west. The greater part of the policies is wooded, particularly the north-west side and around the perimeters which screen views of the designed landscape from the surrounding areas, although their views into the policies from a minor road which passes the eastern boundary wall. | Blair Castle | | | | | topography and surrounding woodland | |
| | Eglinton Castle | National (GDL) | 232334 | 642476 | Large designed landscape forming the setting for Eglinton Castle (now ruins) and other associated buildings including Category B Listed Kilwinning Gates (7575) and Garden Cottage (13658). The designed landscape has been cut through by the A78 trunk road which crosses the southern half of the designed landscape and the town of Irvine has encroached into the former extent of the estate. The estate's parkland policies are edged with woodland that provides screening from the surrounding area and combined with the extremely flat nature of the estate and surrounding landscape, this limits views from within, and also from outside. | High: generally well-preserved former designed landscape containing a number of listed buildings | High | 9.5 | 6 | 4 | Imperceptible: the Proposed Development would be largely screened from view by intervening woodland | Negligible |
| | Dalry | Regional (Conservation Area) | 229229 | 649407 | Small Conservation Area encompassing the core of Dalry town, including New Street, Aiken Street, Townend Lane and Main Street. The Conservation Area includes over 70 Listed Buildings the bulk of which are Category B/C Listed residential properties and local amenities such as taverns and shop fronts. The CA is surrounded by later built up town areas of Dalry. Views out from the Conservation Area are largely restricted by surrounding buildings although occasional glimpses of immediate hilltops are visible. | High | High | 6.0 | 6 | 3 | Imperceptible: the Proposed Development would be largely screened from view by intervening buildings | Negligible |
| | Millport | Regional (Conservation Area) | 216459 | 654913 | Conservation Area of Millport town encompassing the town itself, the West Bay Road and the headland 'The Cove'. The town occupies a prominent position on the southern end of Great Cumbrae Island. The town is spread out along the coastline with the core of the town around the harbour and quay head. | High | High | 7.9 | 6 | 6 | Low: the Proposed Development would be visible in conjunction with the operational Ardrossan Wind Farm, seen as one slightly larger development spread out along the hilltops of the coastline in distant views. Although the | Minor |

| Heritage Asset | Asset name | Heritage Importance (Status) | Easting | Northing | Setting | Contribution of Setting | Sensitivity of Setting | Distance to nearest turbine | No of turbine tips visible | No of turbine hubs visible | Magnitude of Effect | Significance of Effect |
|----------------|------------|------------------------------|---------|----------|---|-------------------------|------------------------|-----------------------------|----------------------------|----------------------------|--|------------------------|
| | | | | | The Conservation Area includes 17 Listed Buildings, such as Category A 'Cathedral and Collegiate Buildings', and 'The Garrison' and 'Millburn House' both Category B. The Conservation Area benefits from views into the town from across the bay and views from Farland Point, to the southeast of the town are particularly scenic (Millport Conservation Appraisal). Views out from the Conservation Area, particularly from the main street 'Glasgow Street' and the harbour and quay are concentrated out along the Firth of Clyde to the south with panoramic views overlooking the Ayrshire coastline to the east and southeast. | | | | | | proposed turbines would be visible from the CA they would be nearly 8km away and would not materially affect the setting of the CA or an ability to appreciate the CA, nor would they affect significant views of the CA from Farland Point. | |



- Key:**
- Site Boundary
 - Wind Turbine
 - × Meteorological Mast
 - Access Track
 - Substation
 - Construction Compound
 - Borrow Pit Area of Search
 - Borrow Pit
 - Scheduled Monument
 - Cultural Heritage Asset (point)
 - Cultural Heritage Asset (linear)
 - Cultural Heritage Asset (area)
 - Former Rig and Furrow Cultivation Remains
 - NSR Site (C and V codes)

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Fig. No: **9.1** Report No: -

Title:
Cultural Heritage Constraints

Project:
Blackshaw Wind Farm

Client:
Community Windpower Limited

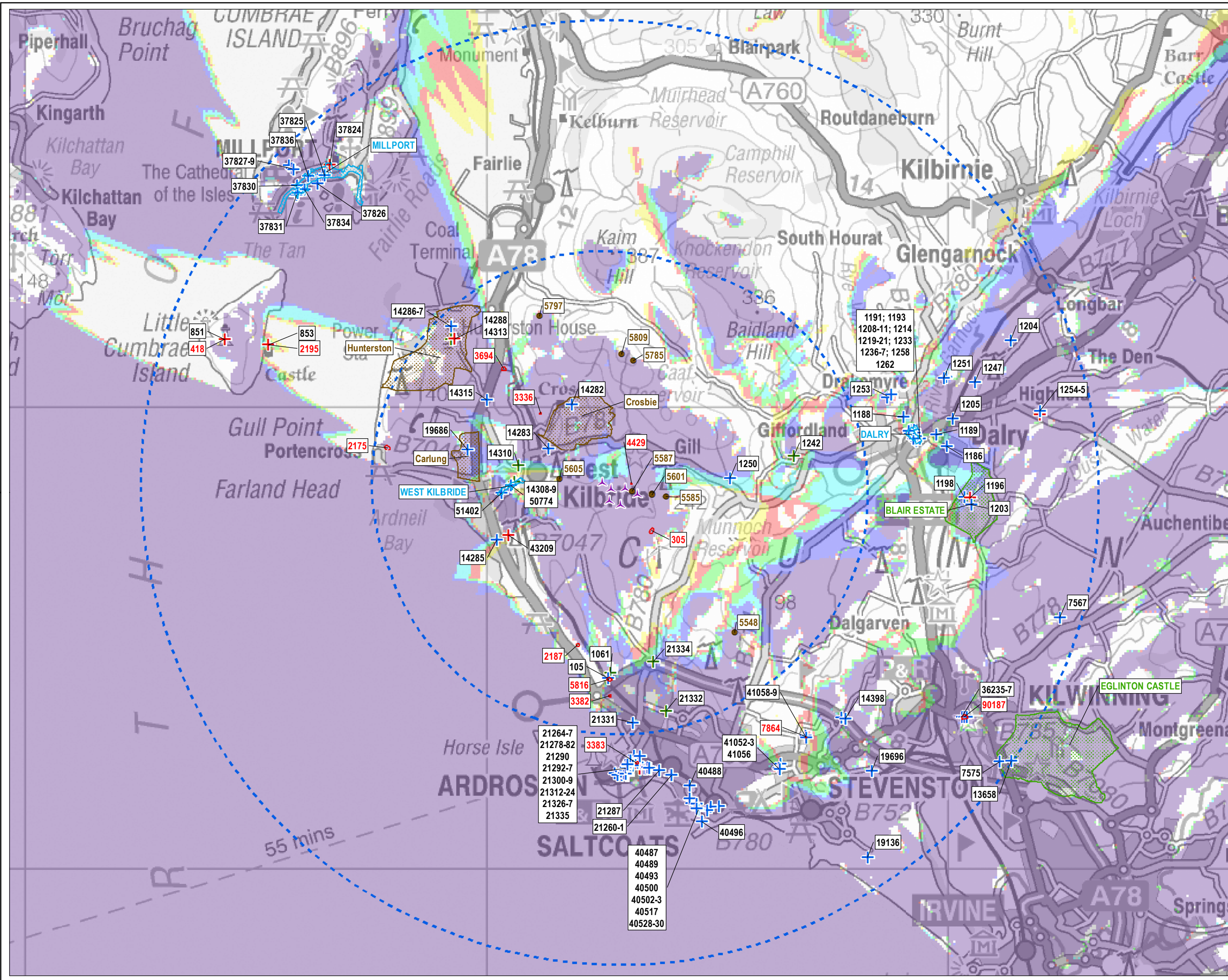
Scale at A3:
1:5,755

Drawn by: **SW** Checked: **GM** Date: **18/03/2015**

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Key:

- Wind Turbine
- 5km and 10km Buffer
- Scheduled Monument
- Category A Listed Building
- Category B Listed Building
- Category C Listed Building
- Garden and Designed Landscape
- Conservation Area
- NSR Site (C and V Codes)
- NIDL Site

Number of Turbines Theoretically Visible

- 1
- 2
- 3
- 4
- 5
- 6

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Fig. No: 9.2 Report No: -

Title:
Cultural Heritage: Tip height ZTV and Heritage Assets with predicted visibility of one or more proposed turbines

Project:
Blackshaw Wind Farm

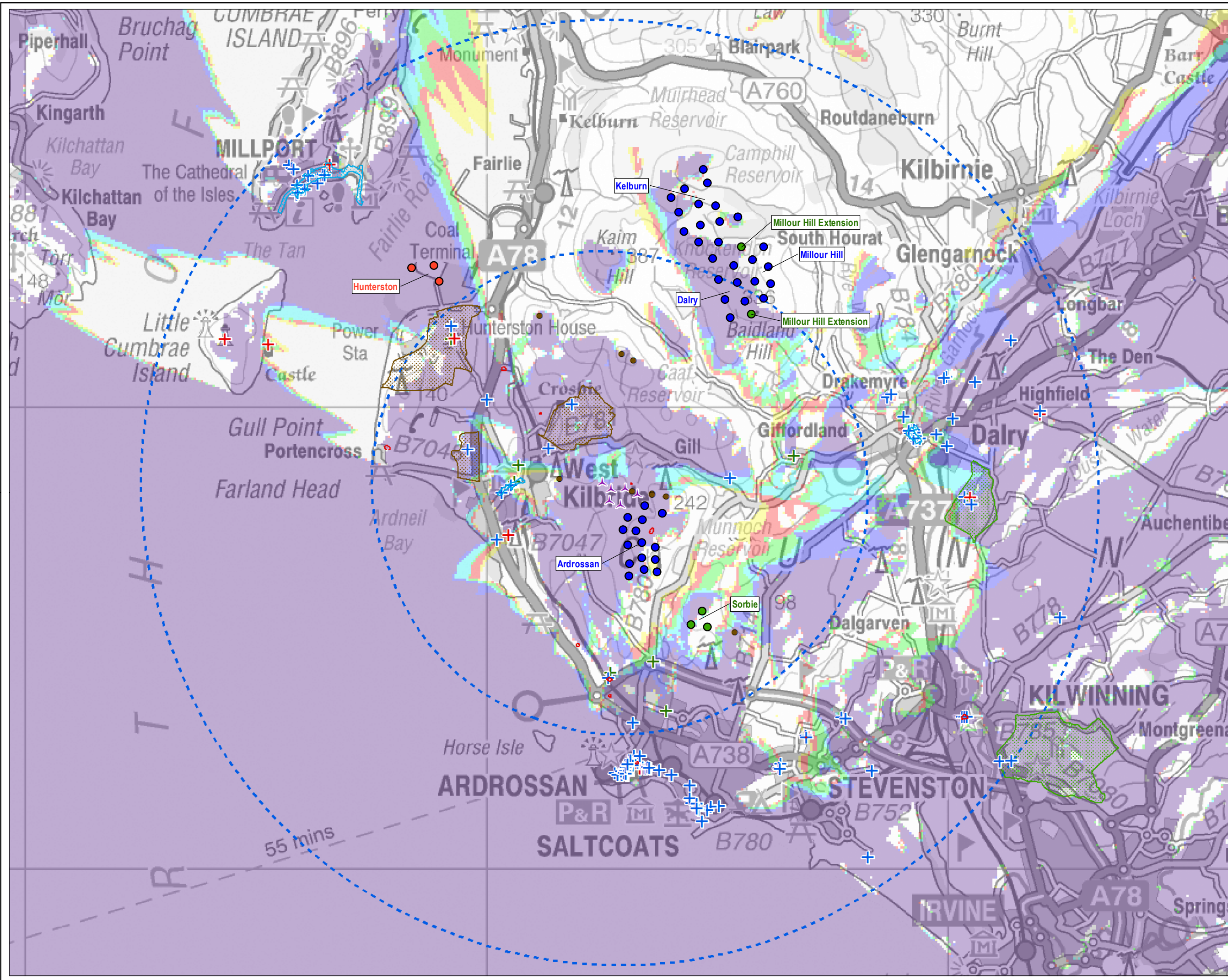
Client:
Community Windpower Limited

Scale at A3:
1:75,000

Drawn by: SW Checked: GM Date: 26/01/2015

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Key:

- Wind Turbine
- 5km and 10km Buffer
- Scheduled Monument
- Category A Listed Building
- Category B Listed Building
- Category C Listed Building
- Garden and Designed Landscape
- Conservation Area
- NSR Site (C and V Codes)
- NIDL Site

Number of Turbines Theoretically Visible

- 1
- 2
- 3
- 4
- 5
- 6

Cumulative Windfarms

- Operational
- Construction
- Consented

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Fig. No: 9.3 Report No: -

Title:
 Cultural Heritage: ZTV,
 Heritage Assets with predicted
 visibility of one or more
 proposed turbines and
 Cumulative Developments

Project:
 Blackshaw Wind Farm

Client:
 Community Windpower Limited

Scale at A3:
 1:75,000

Drawn by: SW Checked: GM Date: 18/03/2015

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