

CFA Archaeology Ltd

archaeological consultants

Advice on Archaeology & Planning

Environmental Impact Assessment

Interpretation, Design & Display

Finds/ Environmental Analysis

Field Evaluation & Excavation


Historic Building Recording

Site & Landscape Survey

Geophysical Survey

Hill of Beath Wind Farm, Fife

Cultural Heritage Assessment

 0131 273 4380

 0131 273 4381

 info@cfa-archaeology.co.uk

 www.cfa-archaeology.co.uk

CFA ARCHAEOLOGY LTD

The Old Engine House
Eskmills Business Park
Musselburgh
East Lothian
EH21 7PQ

Tel: 0131 273 4380

Fax: 0131 273 4381

email: info@cfa-archaeology.co.uk

web: www.cfa-archaeology.co.uk

Author	George Mudie MA FSA Scot MifA
Commissioned by	Atmos Consulting Ltd
Date issued	June 2011
OASIS Reference	cfaarcha1-192567
Grid Ref	NT 13709 89528

This document has been prepared in accordance with CFA Archaeology Ltd
standard operating procedures.

Hill of Beath Wind Farm, Fife

Cultural Heritage Assessment

11 CULTURAL HERITAGE

11.1 EXECUTIVE SUMMARY

- 11.1.1 This chapter considers the potential impacts on archaeology and built heritage interests of the construction and operation of the proposed development. The assessment has been undertaken by CFA Archaeology Ltd (CFA), taking into account comments and information provided by Historic Scotland and the Fife Council Archaeologist.
- 11.1.2 The assessment identifies and evaluates any archaeological sites present within the proposed development area through examination of desk-based sources and field reconnaissance and identifies any key receptors within 10 km of the proposed development that could have their settings affected.
- 11.1.3 The proposed development area has been completely sterilised by 20th century opencast coal mining works (Figure 11-1). The former mine workings have subsequently been reinstated, landscaped and restored to agricultural use. The few historic farmsteads and 19th century deep mines that were formerly present have all been removed by opencast operations and the site has no archaeological potential.
- 11.1.4 There would be no direct impacts on any sites or features of cultural heritage interest arising from the construction of the proposed development.
- 11.1.5 Twenty-nine Scheduled Monuments, 19 Category A Listed Buildings, 109 Category B Listed Buildings, 55 C(S) Listed Buildings, six Inventory Gardens and Designed Landscapes and three Conservation Areas were identified within 10 km of the proposed development that would have theoretical intervisibility with the proposed development (Figure 11-2). No significant impacts on the setting of these features are predicted.
- 11.1.6 The cumulative impact of the proposed development in combination with other wind developments in the vicinity is not considered to be significant.

11.2 INTRODUCTION

- 11.2.1 This chapter considers the potential impacts of the proposed development on cultural heritage interests. The chapter details the results of a desk-based assessment and site visit. The cultural heritage assessment was undertaken by CFA Archaeology Ltd, using information provided by Historic Scotland and the Fife Council Archaeologist.
- 11.2.2 This assessment was conducted in accordance with the Institute for Archaeologist Code of Conduct (IfA 2010), and Standard and Guidance for Archaeological Desk-based Assessment (IfA 2009).
- 11.2.3 The assessment evaluates the impacts of the proposed wind development on:
- Scheduled Monuments and other archaeological features;
 - Listed Buildings and other buildings of historic townships; and
 - Gardens and Designed Landscapes and other important historic landscapes.
- 11.2.4 The assessment was conducted with reference to the relevant statutory and planning framework for cultural heritage as noted in Section 11.3.

11.3 LEGISLATIVE AND PLANNING CONTEXT

- 11.3.1 Scotland's historic environment contributes to the Scottish Government's strategic objectives and to the National Performance Framework. The Scottish Historic Environment

Policy (SHEP) document sets out Scottish Minister's policies for the historic environment, and provides policy direction for Historic Scotland and a framework that informs the day-to-day work of a range of organisations that have a role and interest in managing the historic environment. Through the SHEP, Scottish Minister's are determined to achieve three outcomes for Scotland's historic environment:

- that the historic environment is cared for, protected and enhanced for the benefit of our own and future generations;
- to secure greater economic benefits from the historic environment; and
- that the people of Scotland and visitors to our country value, understand and enjoy the historic environment.

11.3.2 Cultural heritage assets include sites with statutory and non-statutory designations as set out in SPP.

11.3.3 Sites with statutory designations include:

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

11.3.4 Sites without non-statutory designations include:

- World Heritage Sites;
- Inventory Gardens and Designed Landscapes;
- Historic Battlefields; and
- Other Historic Environment Interests.

11.3.5 Those assets relevant to this assessment are Scheduled Monuments, Listed Buildings, Conservation Areas and Gardens and Designed Landscapes.

Sites with Statutory Designation

Scheduled Monuments

11.3.6 Under the Ancient Monuments and Archaeological Areas Act 1979 (1979 Act), the Scottish Ministers are required to compile and maintain a Schedule of monuments considered to be of national importance. The statutory consent of the Scottish Ministers is required before any works are carried out which would have the effect of demolishing, destroying, damaging, removing, repairing, altering, adding to, flooding or covering up a Scheduled Monument. In addition, impacts of proposed development works upon the setting of a Scheduled Monument form an important consideration in the granting or refusal of planning consent to conduct development works. Further information on development control procedures relating to Scheduled Monuments is provided in SHEP (July 2009), SPP (February 2010) and Planning Advice Note 42, Archaeology (PAN 42).

Listed Buildings

11.3.7 Under the Planning (Listed Buildings and Conservation Areas) (Scotland) Act 1997 (1997 Act), the Scottish Ministers are required to compile a list of buildings of special architectural or historic interest. Such buildings are classified into Categories A, B and C(S), in decreasing order of importance. Planning authorities and the Scottish Ministers are required to have special regard for the desirability of preserving Listed Buildings and

their settings and any features of special architectural or historic importance they possess. Scottish Government policy and guidance is also provided in SHEP and SPP.

Conservation Areas

- 11.3.8 Under the Planning (Listed Buildings and Conservation Areas) (Scotland) Act 1997 (1997 Act), areas of special architectural or historic interest can be designated by local authorities as Conservation Areas, the character or appearance of which it is desirable to preserve or enhance. Planning authorities are required to consider planning applications affecting the appearance, character or setting of Conservation Areas. Scottish Government policy and guidance is also provided in SHEP and SPP.

Sites with Non-Statutory Designations

Gardens and Designed Landscapes

- 11.3.9 The impact of a development on a designated Garden or Designed Landscape listed in 'An Inventory of Gardens and Designed Landscapes in Scotland or its Supplements' (Inventory; published by Historic Scotland) is a material consideration in the determination of a planning application, although the designation is non-statutory in effect. Under the provisions of the Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2008 (1998 Regulations), planning authorities must consult Historic Scotland on any development that may affect a site contained in the Inventory. Scottish Government policy and guidance is also provided in SHEP and SPP.

Other Historic Environment Interests

- 11.3.10 There is a range of other non-designated archaeological sites, monuments and areas of historic interest, including battlefields, historic landscapes, other gardens and designed landscapes, woodlands and routes such as drove roads that do not have statutory protection. Sites without statutory protection are curated by the local planning authority and SPP and PAN 42 provide national planning policy guidance and advice on the treatment of such assets.

Regional and Local Planning Policy Guidance

- 11.3.11 The following sections set out the relevant planning policies covering the Local Authority area. Current Regional and Local planning guidance is provided in the Fife Structure Plan 2006-2026 (approved 2009) and the Cowdenbeath Area Local Plan (approved 2006).

Structure Plan

- 11.3.12 Paragraph 4.11 of the Structure Plan states that it is important to protect the archaeological heritage of Fife, particularly where it is of national and regional importance, from the adverse effects of development. Local Plan policies provide protection for the built and historic environments and for archaeology.
- 11.3.13 Policy Env5 of the Structure Plan states that the character, appearance and setting of designated built or cultural heritage sites will be protected from harmful development. Local Plan policies will provide protection for the built and historic environments and for archaeology.

Local Plan

- 11.3.14 Policy BE11 states that development proposals affecting listed buildings and their settings should not detract from those settings and will be required to conform to the highest design standards, including siting, materials, landscaping and boundary enclosures.

- 11.3.15 Under Policy BE13 any site which in the lifetime of the Plan is assessed as worthy of entry into 'An Inventory of Gardens and Designed Landscapes in Scotland' will be protected from development which would adversely affect its character. Features which have led to its designation will be safeguarded.
- 11.3.16 Through Policy BE14 development which would adversely affect Scheduled Ancient Monuments or sites recorded on the Non-Statutory List of Sites and Monuments will not be permitted unless exceptional circumstances are demonstrated. Elsewhere the preservation *in-situ* of Archaeological Sites and Area of Regional Importance, as well as local archaeological sites will be balanced against the benefits of the proposed development.
- 11.3.17 Policy BE16 states that provision will require to be made for archaeological investigation and recording during any development which uncovers as yet unidentified remains considered by Fife Council to be of regional importance. Fife Council will seek developer funding by means of formal agreement to support the cost of all archaeological investigation and recording work.

11.4 METHODOLOGY

Study Area Description

- 11.4.1 The cultural heritage study area consists of two parts:
- The proposed development site within the redline boundary shown on Figure 11-1, which covers an area of approximately 90 ha, within which it is proposed to erect the turbines. This area consists entirely of a former opencast coal mine that has now been restored as farmland and small woodlands.
 - A wider study area, extending to 10 km from the proposed development area boundary provided the study area for the identification of sites with statutory protection (and those with national and regional non-statutory designations) whose settings may be affected by the proposed development.
- 11.4.2 Figure 11-1 depicts the locations of former archaeological sites and monuments identified by the cultural heritage study within the proposed development site red-line boundary. A gazetteer of these sites is provided in Appendix 11.1. All of the previously recorded sites have been lost to opencast coal mining operations carried out between 1982 and 1992.
- 11.4.3 Figure 11-2 shows the proposed development in its wider landscape setting together with the ZTV and the locations of key cultural heritage receptors within 10 km and which would have theoretical views of the turbines. Appendix 11.2 contains a list of those key receptors within 5 km of the proposed development and provides a summary assessment of the predicted indirect visual impacts on their settings, on a site by site basis. Appendix 11.3 provides a list of the key cultural heritage receptors within 5-10 km of the proposed development.

Consultation

- 11.4.4 A scoping response was received from Fife Council in June 2010, which included correspondence from Historic Scotland. A summary of the scoping response which relates to cultural heritage is provided in Section 11.5, Table 11.9.

Baseline Characterisation

Data Collection

- 11.4.5 Up-to-date information was obtained from appropriate sources on the locations of cultural heritage sites with statutory protection and non-statutory designations either within or in

the vicinity of the proposed development area. Details of the locations and extents of Scheduled Monuments, Listed Buildings, Garden and Designed Landscapes in GIS were downloaded from Historic Scotland's Spatial Data Warehouse (Historic Scotland, 2011).

- 11.4.6 Information on the character and condition of known archaeological sites and features within the proposed development area was obtained from the National Monuments Record of Scotland (NMRS) and from the Council's Sites and Monuments Records (SMR).
- 11.4.7 The Coal Authority's Mine Completion Plan - Keirsbeath 010363 (2009) provided information on the final extent of the opencast works undertaken between 1982 and 1992.
- 11.4.8 Bibliographic references were consulted to provide background and historical information relevant to the development site.
- 11.4.9 The Historic Land-Use Assessment Map for Scotland (RCAHMS 2011) maintained by the RCAHMS, was consulted for information on the historic land use character of the proposed development area.
- 11.4.10 The Scottish Palaeoenvironmental Database (Coles et al, 1998), which records the distribution of known sites across Scotland, was consulted for information on palaeoenvironmental data within or adjacent to the proposed development area.

Field visits

- 11.4.11 The desk-based assessment indicated that the proposed development area has been almost completely sterilised by 20th century opencast coal mining works and therefore it was considered that there was no requirement for a field visit to be carried out. The extent of the former mine works is shown on Figure 11-1.

Assessing Significance

- 11.4.12 The impacts of the proposed development on cultural heritage assets are assessed on the basis of their type (direct - physical impacts caused by construction operations; and indirect impacts - on the settings of heritage assets, including, where appropriate, cumulative impacts) and their nature (beneficial, neutral or adverse). The assessment takes into account the sensitivity of the receptor and the magnitude of predicted impact. Mitigation measures designed to prevent, reduce or offset adverse impacts are proposed where relevant and residual impacts are assessed taking into account the likely effectiveness of the mitigation.
- 11.4.13 The assessment of sensitivity of archaeological and heritage assets reflects the relative weight which statute and policy attach to them, principally as published in SPP and SHEP. Table 11.1 summarises the relative sensitivity of the cultural heritage assets relevant to this assessment.

Table 11.1: Sensitivity of Cultural Heritage Assets

Sensitivity	Definition / criteria
High	Sites of national or international importance, including: <ul style="list-style-type: none"> • World Heritage Sites • Scheduled Monuments and sites proposed for scheduling. • Undesignated archaeological sites and areas of likely national importance identified in SMRs/HERs. • Category A Listed Buildings. • Garden and Designed Landscapes (Inventory sites). • Outstanding Conservation Areas.
Medium	Sites of regional importance, including: <ul style="list-style-type: none"> • Archaeological sites and areas of distinctive regional importance, Archaeological Sensitive Areas. • Category B Listed Buildings. • Conservation Areas. • Non-Inventory Designed Landscapes.
Low	Sites of local importance, including: <ul style="list-style-type: none"> • Archaeological sites of local importance. • Category C(S) Listed Buildings. • Unlisted historic buildings and townscapes with local (vernacular) characteristics.
Negligible	Sites of little or no importance, including: <ul style="list-style-type: none"> • Find-spots • Unlisted buildings of minor historic or architectural interest. • Poorly preserved examples of particular types of feature.

Assessment of Direct Impacts

11.4.14 Criteria for assessing magnitude of direct impacts, 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 proposed development, are classified in Table 11.2.

Table 11.2: Sensitivity of Cultural Heritage Assets

Level of Magnitude	Definition
High	A fundamental change to the baseline condition of the receptor, leading to total or major alteration of character.
Medium	A material, partial alteration of character.
Low	Slight, detectable alteration of the baseline condition of the receptor.
Imperceptible	A barely distinguishable change from baseline conditions.

11.4.15 The sensitivity of the receptor and the magnitude of the predicted impact are then used to inform the professional judgement of the likely significance of the direct impact. Table 11.3 summarises the criteria for assigning significance of a direct impact. Major and moderate direct impacts are considered significant in terms of the EIA regulations.

Table 11.3: Significance of Direct Impacts

Magnitude of Impact ▼	Sensitivity ►			
	High	Medium	Low	Negligible
High	Major	Major	Moderate	Minor
Medium	Major	Moderate	Minor	Negligible
Low	Moderate	Minor	Negligible	Negligible
Imperceptible	Minor	Negligible	Negligible	Negligible

Identification of External Receptors and Characterisation of their Setting

11.4.16 The setting of a heritage site, feature or area is defined as “*the immediate and extended environment that is part of, or contributes to, its significance and distinctive character*” (International Council on Monuments and Sites (ICOMOS) 2005). Beyond the physical and

visual aspects, the setting includes interaction with the natural environment; past or present social or spiritual practices, customs, traditional knowledge, use or activities and other forms of intangible cultural heritage aspects that created and form the space as well as the current and dynamic cultural, social and economic context. In Historic Scotland's recently issued guidance document - Managing Change in the Historic Environment: Setting (2010) - it is stated that "*setting can be thought of as the way in which a historic structure's surroundings contribute to how it is experienced, understood and appreciated*".

- 11.4.17 Current Historic Scotland guidance (2010) notes that the setting of a receptor could be affected by the introduction of new development into its surroundings, even if that new development will not be directly visible from the receptor. The setting of a site often extends beyond the property boundary, or 'curtilage', of an individual historic asset into a broader landscape context and can include other, less tangible factors.
- 11.4.18 Details of previously recorded cultural heritage sites, monuments and landscape features with statutory and non-statutory designations, undesignated archaeological sites of likely national importance, within the landscape surrounding the proposed wind development area were obtained. A Zone of Theoretical Visibility (ZTV) map, generated for the proposed development, was used to identify those cultural heritage receptors within 10 km of the proposed development from where there is theoretical intervisibility with one or more wind turbines. It is judged that beyond 10 km the proposed development would not, in general, significantly affect the settings of heritage assets; the proposed development being seen only at distance, as part of the wider landscape.
- 11.4.19 The baseline setting of each relevant receptor or related group of receptors was then characterised on a case-by-case basis. Characterisation of the setting of a receptor was based upon its properties and location and took into account the factors identified in guidance issued by Historic Scotland (2010). The baseline setting of each receptor was characterised principally in terms of:
- archaeological / historical context of the receptor;
 - current landscape and visual surroundings of the receptor; and
 - social value (actual or potential) of the receptor as a recreational / leisure or educational resource.

Assessment of Impacts on Setting

- 11.4.20 For each receptor, where a potential impact on setting has been identified, the assessment of possible impacts has followed a four-stage approach:
- Identification of the characteristics of setting of the receptor (see above);
 - Assessment of the sensitivity of that setting;
 - Identification of how the presence of the proposed development will affect that setting (magnitude of impact); and
 - Assessment of the significance of impact.

Criteria for Assessing Sensitivity of Setting

- 11.4.21 Sensitivity of setting has been assessed by considering two factors:
- The relative weight which statute and policy attach to the receptor and its setting; and
 - The degree to which the baseline setting contributes to the understanding and / or appreciation, and hence value, of the receptor.

11.4.22 The relative weight that statute and policy attach to the receptor and its setting is determined using the sensitivity of archaeological and heritage assets set out in Table 11.1. Where individual designated receptors are present within larger designated areas (e.g. Listed Buildings within a Conservation Area); the sensitivity is stated as the higher of the two designations.

11.4.23 The degree to which the baseline setting contributes to the understanding and / or appreciation of the receptor has been assessed according to the criteria set out in Table 11.4.

Table 11.4: Contribution of Setting to Understanding and Appreciation of a Cultural Heritage Receptor

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 a receptor. (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 receptor was created).
Moderate	A setting which makes some positive contribution to the understanding and/or appreciation of the siting and/or historical/archaeological/architectural context of a receptor. (e.g. surroundings that complement the siting and appearance of a receptor, 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 a receptor. (e.g. where surroundings only partially complement the siting and appearance of a receptor, 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 a receptor. (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 receptor).

11.4.24 These two criteria (sensitivity of receptor and contribution to setting) are combined to assess the overall sensitivity of a setting, as set out in Table 11.5.

Table 11.5: Sensitivity of Setting of a Receptor

Sensitivity of Receptor ▼	Contribution of Setting ►			
	High	Moderate	Low	Negligible
High	High	High	Medium	Low
Medium	High	Medium	Low	Low
Low	Medium	Low	Low	Low

Identification of Magnitude of Impact on Setting

11.4.25 Where it was established that the setting of a receptor is such that there is no potential for it to be affected by the presence of the wind development, the receptor has not been considered further in the assessment. For the remaining sites, the magnitude of impact on setting has been assessed according to the thresholds in Table 11.6.

Table 11.6: Magnitude of Impacts on Setting

Level of Magnitude	Definition
High	Fundamental impacts obviously changing the surroundings of a receptor, such that its baseline setting is substantially or totally altered.
Medium	Impacts discernibly changing the surroundings of a receptor, such that its baseline setting is partly altered.
Low	Slight, but detectable impacts that do not materially alter the baseline setting of the receptor.
Imperceptible	A very slight and barely distinguishable change from the baseline conditions.

Assessment of Impact Significance

- 11.4.26 The significance of an impact on setting depends on both the magnitude of the impact and the sensitivity of the setting of a receptor. Table 11.7 presents a matrix that has been used to inform the assessment in combination with professional judgement.

Table 11.7: Significance of Impact on Setting

Magnitude of Impact ▼	Sensitivity of Setting ►			
	High	Moderate	Low	Negligible
High	High	High	Medium	Low
Medium	High	Medium	Low	Low
Low	Medium	Low	Low	Low

Significance Criteria

- 11.4.27 The significance of impact is classified as major, moderate, minor or negligible, as defined in Table 11.8. Major and moderate impacts are considered significant in accordance with the EIA Regulations.

Table 11.8: Significance Criteria

Level of Significance	Definition
Major	A change to the fabric or setting that leads to a substantial and material impact on the character, quality or context of a receptor.
Moderate	A change to the fabric or setting that leads to a partial and material impact on the character, quality or context of a receptor.
Minor	A change to the fabric or setting that leads to a detectable but non-material impact on the character, quality or context of a receptor.
Negligible	A change to the fabric or setting that leads to, at most, a negligible impact on the character, quality or context of a receptor.

11.5 CONSULTATION

- 11.5.1 A scoping response, raising cultural heritage issues, was received from Historic Scotland and the Fife Council Archaeologist. A summary is provided in Table 11.9.

Table 11.9: Consultation Responses

Consultee	Issues Raised	Response
Historic Scotland Scoping Response (14 June 2011)	Confirmed that there are no cultural heritage sites or features within their remit within the development area.	No further response is required.
	Identified five sites in the wider landscape whose setting could be affected by the development and which requires to be assessed as part of the ES: <i>Category A Listed Buildings</i> Fordell Chapel (3653) Fordell Castle (3652) Blair Adam House (5715) <i>Inventory Garden and Designed Landscapes</i>	The indirect impact on these sites is assessed in Section 11.7.

Consultee	Issues Raised	Response
	Fordell Castle GDL Blair Adam GDL	
Fife Council Archaeologist Scoping Response (25 May 2010)	Considered that the proposed development area is a historic landscape of some interest and formerly included widespread rural settlement and extensive historic mining activity, and advised that the potential for medieval and prehistoric deposits on the site is not known but should not be discounted.	The archaeological potential for the site is assessed in Section 11.6.
	States that historic environment issues do not appear to be a major concern for this development.	No further response is required.

11.6 BASELINE CONDITIONS

11.6.1 The NMRS records three former cultural heritage sites present within the proposed development area. These sites have, however, been lost to recent opencast mining operations (1982-1992). Appendix 11.1 provides summary gazetteer information on the former character of each site.

11.6.2 Numbers in brackets, in the following sections, refer to site numbers identified on Figure 11-1 and in Appendix 11.1.

Cultural Heritage Assets within the Proposed Development Area

11.6.3 There are no Scheduled Monuments or Listed Buildings within the proposed development area and no part of the proposed development area lies within a Conservation Area or Inventory status Garden and Designed Landscape.

11.6.4 The NMRS and SMR contain records for two former farmsteads (1 and 3) and a former colliery (2).

11.6.5 Examination of historical OS maps (1856) shows that there were at that time a number of farms in the area (Keirsbeath, Nether Beath, Malcolm's Beath (*in ruins*), Halbeath House, Crossgates) with coal mining pits also present in the centre of the proposed development area associated with the former Cuttlehill Colliery (2). The landscape was divided into enclosed polygonal fields and a road ran west to east from Halbeath to Crossgates. A sandstone quarry formerly stood on the north side of this road, south of Keirsbeath Farm.

11.6.6 Examination of aerial photographs provided no new information on the development area in additional to that recorded elsewhere.

11.6.7 Documentary research provided some background information on agricultural activities and the 19th century mining activity in the area.

11.6.8 The Scottish Palaeoenvironmental Database (SPAD) provided no information relevant to the proposed development area.

11.6.9 The Historic Landscape Assessment Map (HLAMap) records that the development area mostly comprises restored agricultural land dating from the 20th century (reinstated following opencast coal mining operations) with small areas of new woodland plantation.

Character of the Cultural Heritage

11.6.10 Those sites and features that have been recorded within the proposed development area are associated with post medieval farming (1 and 3) and 19th century mining (2). Descriptions are provided in Appendix 11.1 and the sites are discussed thematically below.

Prehistoric and Early Historic Sites

- 11.6.11 There are no records of any prehistoric or early historic sites within or immediately adjoining the proposed development area. There is, however, a record of a possible Neolithic Mortuary Enclosure (NT18NW 25), visible as cropmarks on aerial photographs, to the west of the motorway at Deanpark and undated flints (NT19SW 6) have been recovered from an area to the north, at Dalbeath.

Medieval and Later Remains

Farmsteads and Field Systems

- 11.6.12 There are records in the NMRS of two farmsteads of post medieval date (1 and 3), formerly present within the development area. Keirsbeath (1) and Netherbeath (3) are both depicted on the OS 1st Edition maps (1854) but are also shown on Roy's map (1747-55) and in Blaeu's Atlas (1654) showing that these farmsteads have their origins in at least the late medieval period and may have been much earlier. Roy's map also shows that the low ground south of Hill of Beath and within the proposed development area was already cultivated farmland by the mid-18th century. None of these former sites survive today due to post opencast mining restoration.

Industrial Activity

- 11.6.13 The Statistical Accounts (1794-97 and 1845) record that coal mining in the Parish of Dunfermline extends back to at least the 13th century (Account of 1834-45; vol.9), although at that time this was restricted to exploitation by the monks of Dunfermline Abbey and was not to include resources on arable farmland. In the late 18th century it appears that proper commercial exploitation became commonplace. Commercial coal mining had been a feature of the Halbeath area since at least the 1840s (www.scottishmining.co.uk). Cuttlehill colliery (2) is directly referred to in the New Statistical Account (1845, p 835) in which it is noted that little coal was being produced from that location at that time (1844). The New Statistical Account also makes reference to the exploitation of sandstone, which was described as being of good quality and much used for building purposes (1845; p841).

Assessment of the Archaeological Potential of the Proposed Development Area

- 11.6.14 The proposed development area has been completely sterilised by 20th century opencast coal mining works; the extent of the former mine working is shown on Figure 11-1. The former mine workings have subsequently been reinstated, landscaped and restored to agricultural use. Those few historic farmsteads and 19th century deep mines that were formerly present have all been removed by the later opencast working and subsequent reinstatement. The proposed development area, therefore, has no archaeological potential.

11.7 IMPACT ASSESSMENT

- 11.7.1 The results of the baseline study were provided as GIS data with the locations of the former cultural heritage sites identified along with the extent of the former opencast mine working. There are no cultural heritage constraints to the siting of turbines or other infrastructure elements within the proposed development boundary and, therefore, the layout is not constrained by the necessity of avoiding direct impacts.

11.7.2 The assessment of impacts is based upon the proposed development layout shown on Figure 11-1 and is structured as follows:

- Direct (Construction) Impacts.
- Indirect (Operational) Impacts.
- Cumulative Impacts.

Direct (Construction) Impacts

11.7.3 There are no cultural heritage constraints in respect of archaeology and, as a result, there would be no direct impact on any sites or features of archaeological or historic environment interest.

Indirect (Operational) Impacts

11.7.4 A list of those external receptors within 10 km of the proposed development and predicted by the ZTV to have theoretical views to one or more turbines is provided in Appendices 11.2 and 11.3 with their locations shown on Figure 11-2.

11.7.5 The proposed development would be located on flat reclaimed arable farmland immediately south of the Hill of Beath. The proposed development area is bounded by the M90 motorway on its western side and by the A92 carriageway on its south side. The blade tip ZTV of the proposed development (Figure 11-2) indicates that the proposed turbines would be mostly visible within a wide arc from Glenrothes, in the northeast, to Alloa, in the west. The natural topography of hills would limit the views of the proposed development to the north.

11.7.6 Appendix 11.2 provides a summary assessment of the predicted indirect impacts on a site-by-site basis of the key cultural heritage receptors within 5 km of the nearest proposed turbine over which it is considered the proposed development will have the most visual influence. These sites are discussed further in paragraphs 11.7.10 to 11.7.28. The assessment of the magnitude of impacts provided in Appendix 11.2 has been based on analysis of the blade tip ZTV, taking into account the:

- distance of the assessed site from the proposed development;
- number of blade tips visible; and
- current baseline setting of each site.

11.7.7 The ZTV model is, however, a coarse predictive tool based on bare-earth surface topography and maximum blade-tip heights. It takes no account of obstructions to intervisibility caused by existing forestry and other vegetation or buildings and other man-made features. Therefore, professional judgement has been used to assess the significance of impacts informed by the ZTV and field survey. Where Historic Scotland has requested visualisations these have been used to further assess predicted impacts on setting (Table 11.10, Figures 11-3 to 11-5).

11.7.8 Appendix 11.3 provides a list of the key cultural heritage receptors within 5-10 km of the nearest proposed turbine. The majority of these monuments lie in built-up areas and the setting of these is the urban environment that constitutes their baseline settings. Taking into consideration the scale of the proposed development (in total four turbines) and the surrounding landscape character, which is predominantly urban, it is judged that these cultural heritage sites would receive no adverse impact from the proposed development. Unless their settings have been requested by Historic Scotland or the Fife Council Archaeologist to be assessed in the ES they are not considered further.

- 11.7.9 No significant impacts have been predicted on the setting of cultural heritage receptors in the wider landscape. Sites within 5 km of the proposed development are discussed in detail below.

Table 11.10: Cultural Heritage Visualisations

Site name and no.	Status	Figure no.	Comments
Blair Adam House (5715)	Category A Listed Building	Wireframe: Figure 11-3	View from the car park at the southern side of the house.
Fordell Castle (3652)	Category A Listed Building	Wireframe: Figure 11-4	View from the raised terraces to the north of the Castle.
Fordell Castle	GDL	Wireframe: Figure 11-5	View from the A921 overlooking the GDL.

Scheduled Monuments

- 11.7.10 Three cropmark sites: Lumphinnans Henge (6253); Middlebank House Souterrain (8854); and Balbougie Enclosed Settlement (8555) are present within 5 km of the proposed development. These sites all lie within areas of arable farmland. No upstanding remains survive of these sites and their settings add little to their value or significance as an archaeological resource. All sites lie over 4 km from the proposed development and would retain their immediate farmland setting. It is, therefore, considered that the proposed development would have an imperceptible magnitude impact of negligible significance on their settings.
- 11.7.11 All other Scheduled Monuments within 5 km of the proposed development predicted to have visibility of the proposed turbines stand within the town of Dunfermline. These include Easter Pitcorthie Standing stones; Perdieus Mount Motte (867); North Wood, cairn (8556); Heugh Mills (9285) and Dunfermline Abbey (90116) and associated structures (9276, 90339). The current setting of these Scheduled Monuments is the built-up environment of the town and the relationship of each to the surrounding buildings and other town structures. The proposed development would not affect their current settings, the impacts on the individual monuments being of imperceptible magnitude and of negligible significance.

Listed Buildings

Blair Adam (5715)

- 11.7.12 This Category A Listed building, which Historic Scotland specifically requested be assessed, is situated just over 6 km to the north of the proposed development. It forms part of the Blair Adam GDL (discussed below). The house was built in the mid-18th century for the Blair-Adam family, but was sold in the 1920s when the estate was broken up and was used as a hotel for a number of years until it was eventually repurchased by the Blair-Adam Family and restored in the 1970s. The 2-storey five-bay mansion house stands on the eastern edge of the Blair Adam Forest and is surrounded by parkland. The five-bays of the house form an enclosed inner courtyard from which there are limited views out to the surrounding landscape and views out onto this courtyard will not be affected by the proposed development. Views are gained from the outer elevations of the house itself to the north, east and south; views to the west being limited by woodland. Wide open views are particularly afforded from the south side of the house overlooking the estate parkland and flat arable fields, with the town of Kelty visible in the background. A wireframe

produced from the car park area on the southern side of the house (Figure 11-3) indicates that a natural rise in topography will limit views to the proposed development from this location with only one hub and one turbine tip being theoretically visible. The proposed development would not be a prominent feature in the wider landscape and its presence would not detract from an appreciation of the listed building or its immediate setting. Taking this into consideration it is judged that the proposed development would have an imperceptible magnitude impact of negligible significance on the setting of the house.

Fordell Castle (3652)

- 11.7.13 The Category A Listed Castle was built in the mid-16th century, replacing an earlier building. The building stands on a promontory overlooking the Fordell Burn, which encloses the castle and its surrounding gardens on three sides. The castle and its associated gardens stand within a slight hollow surrounded by dense woodland which screens both views out from the castle and views of the castle from the surrounding landscape and provides a secluded and sheltered location for the castle and its garden. The castle was left unoccupied in the 19th century when the Henderson family moved from the castle to the newly constructed Fordell Mansion (subsequently demolished in 1960s). The castle was bought by Sir Nicholas Fairburn in the 1960s and restored along with its surrounding Italianate gardens. It forms part of the Fordell Castle GDL (paragraph 11.7.20).
- 11.7.14 The castle lies just over 4 km to the south of the proposed development. The blade tip ZTV for the proposed development (Figure 11-2) and a wireframe (Figure 11-4) produced from a viewpoint within the raised terraces of Fordell Castle, which lie immediately north of the Castle, indicate that there would be no visibility of the proposed turbines from Fordell Castle itself or its surrounding garden. Therefore the proposed development would have no impact on the setting of the castle.

Fordell Chapel (3653)

- 11.7.15 The Category A Listed chapel was constructed in the mid-17th century for the Hendersons of Fordell and is dedicated to St. Therotus. The chapel stands in a secluded spot on the edge of the formalised gardens that surround Fordell Castle, approximately 200 m southwest of the castle. The chapel was left unused in the 19th century when the Henderson Family moved from the castle to the newly built Fordell Mansion (subsequently demolished in the 1960s). The chapel was then subsequently restored in the late 1990's following restoration of the castle and its surrounding formalised gardens.
- 11.7.16 The chapel is situated approximately 4.2 km to the south of the proposed development, standing at the southwestern edge of the formalised gardens and surrounded on three sides by forestry (on the east, south and the west sides); the north side of the chapel looks out onto the castle's formalised gardens. The chapel is accessed by a number of paths leading through the gardens from the castle. The blade tip ZTV (Figure 11-2) indicates that visibility from the chapel would be limited to views from the western end of the chapel. This does not, however, take into consideration the screening provided by the extensive woodland that surrounds the castle, its gardens and the chapel, which would screen any views to the proposed turbines. The proposed turbines would not affect the immediate setting of the chapel nor affect its relationship with Fordell Castle or the formalised gardens in which it stands and of which it forms a part. It is therefore judged that the proposed development would have an imperceptible magnitude impact of negligible significance on the setting of the chapel.

Other Listed Buildings

- 11.7.17 The majority of listed buildings within 5 km of the proposed development lie within the town of Dunfermline and form part of the Dunfermline Town Centre Conservation Area. The setting of these buildings is the built environment of the town and their relationship to the group of related buildings and other town features that surround them. Many are residential properties or shops which do not have extensive views out to the surrounding landscape. It is judged that the impacts on the settings of these buildings would be of imperceptible magnitude and of negligible significance.
- 11.7.18 Several other listed historic country houses and farm buildings are also present within 5 km of the proposed development. These buildings are generally located in small designed landscapes or enclosed farmsteadings. The setting of these various historic buildings is 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 considered that the impacts on the settings of these buildings would be no more than of imperceptible magnitude and of negligible significance.

Inventory Gardens and Designed Landscapes

- 11.7.19 There are two designed landscapes (GDLs), Fordell and Pittencrieff Park, within 5 km of the proposed development, that are predicted by the blade tip ZTV to have visibility of the proposed turbines. Historic Scotland also requested that a further designed landscape, Blair Adams, which lies over 6 km from the proposed development be assessed as part of the ES.

Fordell GDL

- 11.7.20 The designed landscape at Fordell is situated between the M90 motorway, in the west, and the Cullaloe Hills, in the east. The GDL lies approximately 4.2 km to the south of the proposed development and principally comprises mixed woodland that surrounds Fordell Castle (discussed above) and small areas of open parkland at the edges of the GDL. Formalised gardens are set out around the castle which stands in a secluded area of the GDL surrounded by woodland. Other listed buildings also form part of the designed landscape including Category A Listed Fordell Chapel (3653) (discussed above), Category B Listed Fordell Nursery (49162), Vantage Farm Dovecot (3663) and Pitardo House (49164), and Category C(S) Listed Vantage Farm (3662) and North West Gate (49163).
- 11.7.21 The ZTV indicates that there would be no visibility of the proposed turbines from the castle itself and that visibility from the southern half of the designed landscape would be limited by a rise in topography. Glimpses of the designed landscape, including its woodland policies and southern parkland (but not the castle) can be gained from the south along the public A921 road and a wireframe produced for a viewpoint along this road orientated on Fordell Castle (Figure 11-5) indicates that four turbine hubs would be theoretically visible in a small arc of view beyond the skyline. The wireframe does not however take into account screening of the proposed turbines from the intervening woodland of the GDL itself.
- 11.7.22 Formalised gardens surround Fordell Castle, which include raised terraces immediately north of the castle. A wireframe (Figure 11-4) produced from this location indicates that none of the proposed turbines would be visible. The other listed buildings which form part of the GDL either lie in enclosed farm settings or are surrounded by woodland. None were

intended to have long distant views out to the surrounding landscape and the presence of the proposed development would not affect their immediate setting.

- 11.7.23 It is considered that the proposed development would not affect the setting of the designed landscape as a whole, would not affect any designed views or vistas nor would it affect the relationship of the buildings and features sited within it. It is judged overall that the impact on the GDL would be of imperceptible magnitude and of negligible significance.

Pittencrieff Park GDL

- 11.7.24 Pittencrieff Park is situated on the west side of the town of Dunfermline just under 5 km from the proposed development area. The park which once formed the designed landscape that surrounded Pittencrieff House was gifted to the people of Dunfermline in 1903 by Andrew Carnegie and is now a public park. The park slopes to the south and the main views out from both the park and Pittencrieff House, which lies at the centre of the park, focus southwards to the Forth Road Bridge and the Lothian Hills. Views into the park from the surrounding landscape are limited by the high walls of the park.

- 11.7.25 The presence of the proposed turbines, to the northeast of the park and situated beyond the built environment of the town of Dunfermline, would not detract from an appreciation of the park or the buildings/structures within in it, nor will the development be visible in principal views southwards from the park. It is, therefore, considered that the proposed development would have an impact of imperceptible magnitude and of negligible significance on the setting of the park.

Blair Adam GDL

- 11.7.26 This designed landscape, which Historic Scotland specifically requested be assessed, is situated just over 6 km to the north of the proposed development, on the eastern slopes of the Cleish Hills. The designed landscape comprises mixed deciduous woodland and open parkland that surrounds Category A Listed Blair Adam House (5715) (discussed above) and includes other associated listed buildings, including: Category B Listed Coach House (5716) and North Blair, small policy house (5717), walled gardens and the Blair Adam commemorative monument standing in the walled garden. The blade tip ZTV (Figure 11-2) indicates that views of the turbines would be restricted, by topography, to limited locations at the northern edge and central part of the designed landscape; the listed walled garden and commemorative monument being unaffected. Wide views can be gained from the designed landscape to the north taking in the Firth of Tay and the Sidlaw Hills, south to the Pentland Hills, and east to the Firth of Forth.

- 11.7.27 Limited views of the proposed turbines would be visible in views to the south from the designed landscape and from Blair Adam House (5716) (Figure 11-2). A wireframe produced for the house (Figure 11-3) indicates that one hub and one turbine tip would theoretically be visible in the far distance beyond the skyline and the M90 motorway. Although the proposed turbines would be a new industrial element in the wider landscape it is considered that their presence would not affect the setting of the GDL as a whole, would not affect the relationship between the buildings or other designed features / structures that are sited within the GDL, or affect any specific vistas or views within the GDL. The impact of the proposed development of the setting of the GDL is judged to be of no more than imperceptible magnitude and of negligible significance.

Conservation Areas

11.7.28 One Conservation Area, Dunfermline Town Centre, lies within 5 km of the proposed development. The Conservation Area covers the historic core of the town including approximately 80 listed buildings, such as the Category A Listed Dunfermline Abbey, Logie House and Abbot House. The town is a former capital of Scotland, having been historically a seat of the Kingdom's Royal Court and an important ecclesiastical centre. Later industrial areas and further urban buildings have enclosed the historic core of the town and the Conservation Area sits in a built urban environment. The proposed turbines, which would be located approximately 4.4 km to the northeast of the Conservation Area, would be visible beyond the built environment although would not be dominant industrial elements in the surrounding landscape. Their presence would not affect the setting of the Conservation Area as a whole nor would they affect the relationship of the buildings and other structures within the Conservation Area. The impact of the proposed development on the setting of the Conservation Area is of imperceptible magnitude and negligible significance.

11.8 MITIGATION

11.8.1 There would be no direct impacts on any sites or features of cultural heritage interest arising from the construction of the proposed development and therefore no mitigation is required within the proposed development area.

11.8.2 Impacts arising from the operation of the proposed development are identified as negligible for all heritage assets and therefore no mitigation is proposed.

11.9 RESIDUAL IMPACTS

11.9.1 The proposed development area has been almost completely sterilised by 20th century opencast coal mining and there would be no direct impacts on any sites and features of cultural heritage arising from the construction of the proposed development. Taking this into account there would be no residual direct impacts in relation to cultural heritage assets.

11.9.2 There will be no significant impacts on the setting of any key cultural heritage assets within the wider landscape; therefore, the proposed development will not have a significant residual impact on the setting of any of these sites.

11.10 CUMULATIVE IMPACT ASSESSMENT

11.10.1 Within 10 km of the proposed development there are two approved wind development schemes: Little Raith (nine turbines) and Pitreavie Business Park (one turbine); and three wind developments in planning: Mossmorran (two turbines), Lochend Farm (one turbine) and Lynnside (one turbine). Between 10 km and 20 km from the proposed development there are three other schemes at the application stage: Westfield (five turbines), Strathore farm (one turbine) and Earlseat (nine turbines). Beyond 20 km there are four installed wind farms (Greenknowes (18 turbines), Lochelbank (12 turbines), Methil Docks (1 turbine) and Burnfoot Hill (13 turbines) and a further six at the application stage.

11.10.2 In terms of the potential cumulative impact on the settings of cultural heritage assets within 15 km of, and which have predicted views of, the proposed development, the greatest cumulative effect is likely to arise from the development in combination with the approved Little Raith wind farm (nine turbines), which would be located approximately 6 km to the east northeast.

- 11.10.3 Historic Scotland identified Blair Adam GDL (including Blair Adam House) and Fordell Castle GDL (including Castle and Chapel) as key sensitive receptors whose settings could be affected by the proposed development and it is these, therefore, that are particularly relevant to the cumulative impact assessment. The other cultural heritage assets in the wider landscape vary in character, although there is a predominance of listed buildings, the majority of which are located in urban environments or in small enclosed designed gardens / farmsteads. These principally have localised settings and long views out to or from the surrounding wider landscape are incidental and not especially relevant to their heritage value. In most cases it is considered that the cumulative impact on these individual listed buildings would not be significant.
- 11.10.4 In the case of both Blair Adam and Fordell castle GDLs the two wind farms (Kingdom of Fife scheme and Little Raith) would not be seen in the same view from anywhere within the designed landscape. The cumulative ZTV (Figure 7-39) shows that both developments would be potentially visible to some degree from within the grounds but each would lie in different directions. From Blair Adam, both schemes would be approximately equidistant (approximately 6 km away) and from Fordell the Kingdom of Fife scheme would be 4.2 km distant and Little Raith approximately 6.5 km away.
- 11.10.5 The assessment of impact on the settings of the two GDLs identifies a negligible significance effect for each and it is assessed that the cumulative impact arising from the proposed development in combination with the Little Raith scheme would be of no more than low magnitude and minor significance. The other proposed schemes that lie within 10 km of the proposed development (Mossmorran, Lochend Farm and Lynnside) are each small proposals; Lochend Farm and Lynnside being single turbines under 80 m to tip height. Mossmorran is a proposal for two turbines 100 m to tip and would lie between Fordell Castle GDL and Little Raith; there would be no significant cumulative impact on the settings of either GDL from the proposed development in combination with any of these other schemes.
- 11.10.6 Other wind developments all lie more than 10 km from the proposed development; those are now installed all being more than 20 km distant. These schemes would only be seen in the far distance, if at all, from receptors whose settings would be affected to some degree by the proposed development and this fact would not result in any significant cumulative impact.

11.11 CONCLUSION

- 11.11.1 The proposed development area has been almost completely sterilised by 20th century opencast coal mining works. The former mine workings have subsequently been reinstated, landscaped and restored to agricultural use. The few historic farmsteads and 19th century deep mines that were formerly present have all been removed by the later opencast workings and, therefore, the site has no archaeological potential.
- 11.11.2 There would be no direct impacts on any sites or features of cultural heritage interest arising from the construction of the proposed development.
- 11.11.3 29 Scheduled Monuments, 19 Category A Listed Buildings, 109 Category B Listed Buildings, 55 C(S) Listed Buildings; six Inventory Gardens and Designed Landscapes, and three Conservation Areas were identified within 10 km of the proposed development. No significant impacts on the setting of these features are predicted.
- 11.11.4 The cumulative impact of the proposed development in combination with other developments in the vicinity is considered not to be significant.

11.12 REFERENCES

- Ainslie, J. (1775). Counties of Fife and Kinross with the Rivers Forth and Tay.
- Blaeu, J. (1654). *Fifæ Pars Occidentalis - The West Part of Fife*.
- Coles, G.M., Gittings, B.M., Milburn, P. and Newton, A.J. (1998). Scottish Palaeoecological Archive Database, <http://www.geo.ed.ac.uk/spad/> (accessed May 2011).
- Chalmers, P. Rev (184X). Parish of Dumfermline. *New Statistical Account 1845*; vol 9 p821.
- Gordon, R. (ca.1636-1652). *Fyfe Shire, MDCXLII*.
- Historic Scotland (2010). *Managing Change in the Historic Environment: Setting*, October 2010.
- Historic Scotland (2011). GIS downloader, available at: <http://hsewsf.sedsh.gov.uk/gisd.html> (accessed May 2011).
- International Council on Monuments and Sites (2005). *Xi'an Declaration on the Conservation of the Setting of Heritage Structures, Sites and Areas*, adopted in Xi'an, China by the 15th General Assembly of ICOMOS (2005).
- Institute for Archaeologists (IfA) (2009). 'Standards and guidance for archaeological desk-based assessment', Institute for Archaeologists.
- Institute for Archaeologists (IfA). (2010). 'By-Laws: Code of Conduct', Institute for Archaeologists.
- Moll, H. (1745). *The Shires of Fife and Kinross*.
- Ordnance Survey (1856). *Fife. Sheet 35. six inches to one mile*.
- RCAHMS (2011). *Online Historic Land-Use Assessment for Scotland (HLAMap)* available at: <http://www.rcahms.gov.uk> (accessed May 2011).
- Roy, W. (1747-55). *Military Survey of Scotland*.
- Sharp, T., Greenwood, C. & Fowler, F. (1828). *Map of the counties of Fife and Kinross*.
- Thomson, J. (1827). *Fife with Kinross Shire*.

**APPENDIX 11.1
CULTURAL HERITAGE SITES AND FEATURES**

Cultural Heritage Sites and Features within the Proposed Development Area

Site No	NMRS No / SMR No	Site Name	Site type	Easting	Northing	Source	Site description	Site Importance
1	NT18NW 41	Halbeath House	farmstead	313000	689440	NMRS	The NMRS records a farmstead, which is annotated as being in ruins and as comprising two unroofed long buildings and one incomplete enclosure, depicted on the 1st Edition of the OS 6-inch map (Fife and Kinross 1856, sheet 35). The site no longer survives, having been lost to opencast coal mining operations between 1982 and 1992.	None
2	NT18NW 37	Cuttlehill Colliery	Colliery	314000	689300	NMRS	The NMRS records that Cuttlehill Colliery is depicted on the 1st Edition of the OS 6-inch map (Fife and Kinross 1856, sheet 35) and comprised Cobden Pit, North Pit and Mineral Cottage. Within the area of the colliery a number of structures are shown, annotated as: engine houses, a coke kiln, a smithy and a refuse heap. The site no longer survives, having been lost to opencast coal mining operations between 1982 and 1992.	None
3	NT18NW 42	Crossgates	farmstead	314070	689570	NMRS	The NMRS records a farmstead, annotated as in ruins and comprising two unroofed buildings (one of which is a long building) and one enclosure, depicted on the 1st Edition of the OS 6-inch map (Fife and Kinross 1856, sheet 35). The site no longer survives, having been lost to opencast coal mining operations between 1982 and 1992.	None

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Key Cultural Heritage Receptors with Theoretical Views of the Proposed Development within 0-5 km

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
792	Easter Pitcorthie, Standing Stone, Standing Stone Walk, Dunfermline	Scheduled Monument	311389	686318	4	3.5	High	A standing stone set into a pavement and now forms a 'feature' in a green space in a housing estate. Enclosed town setting.	Negligible	Low	Imperceptible	Negligible
867	Perdieus Mount, Motte	Scheduled Monument	309064	686695	3	4.9	High	The much mutilated remains of a possible motte. Situated in Dunfermline. Enclosed town setting.	Negligible	Low	Imperceptible	Negligible
6253	Lumphinnans, Henge 600m WNW of Newton	Scheduled Monument	317431	692505	4	4.4	High	Cropmark site.	Negligible	Low	Imperceptible	Negligible
8554	Middlebank House, Souterrain 370m ENE of	Scheduled Monument	313116	684694	1	4.6	High	Cropmark site.	Negligible	Low	Imperceptible	Negligible
8555	Balbogie, Enclosed Settlement 310m NNE of	Scheduled Monument	314182	685230	2	4.1	High	Cropmark site.	Negligible	Low	Imperceptible	Negligible
8556	North Wood, Dunfermline, Cairn 140m NNW of Crematorium	Scheduled Monument	311830	685656	4	3.9	High	A much mutilated grass-over cairn situated in woodland at the edge of Pitreavie Golf Course.	Negligible	Low	Imperceptible	Negligible
9276	Dunfermline,	Scheduled	309183	687355	1	4.5	High	Forms part of	High	High	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Stretch of Abbey Precinct Wall On Canmore Street	Monument						Dunfermline. Enclosed town setting.				
9285	Dunfermline, Heugh Mills, NW of The Lead, Pittencrieff Park	Scheduled Monument	308976	687188	1	4.7	High	Forms part of Dunfermline. Enclosed town setting.	High	High	Imperceptible	Negligible
90116	Dunfermline Abbey, Abbey, Palace, Gatehouse and Graveyard	Scheduled Monument	308981	687284	1	4.7	High	Forms part of Dunfermline. Enclosed town setting.	High	High	Imperceptible	Negligible
90339	Dunfermline Abbey, Nether Yett	Scheduled Monument	309082	687102	4	4.7	High	Forms part of Dunfermline. Enclosed town setting.	High	High	Imperceptible	Negligible
3653	Fordell Chapel	Category A Listed	314655	685350	2	4.2	High	17th century mortuary chapel of the Henderson. Situated at the SW corner of the designed gardens surrounding Fordell Castle. Forms part of the Fordell GDL.	High	High	Imperceptible	Negligible
9981	Old Duloch House, Including Former Stables, Boundary Walls, Gatepiers and Walled Garden	Category A Listed	313412	685475	4	3.8	High	Country house. Situated in small designed landscape. Surrounded by woodland shelterbelts.	High	High	Imperceptible	Negligible
46894	Dunfermline Abbey, Remains of Dorter and	Category A Listed	308994	687243	1	4.7	High	Forms part of Dunfermline. Enclosed town	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Reredorter Ranges							setting.				
231	Beath Kirk	Category B Listed	315252	692132	3	2.7	Medium	Stands in a large graveyard on the edge of Cowdenbeath town. Main elevations orientated NW and SE, particularly overlooking the built-up areas of Cowdenbeath.	High	High	Imperceptible	Negligible
3655	Ansonhill House	Category B Listed	315359	688660	4	1.6	Medium	Country house. Situated in small designed landscape. Surrounded by woodland.	High	High	Imperceptible	Negligible
3663	Vantage Farm Fordell Estate Dovecot	Category B Listed	315050	685552	4	4.1	Medium	Forms part of the Fordell GDL.	High	High(localized)	Imperceptible	Negligible
3572	Cullaloe Temple	Category B Listed	317938	688126	1	4.1	Medium	Earlier 19th century shelter or temple situated in a small clearing in the Cullaloe Wood. Located at the SW end of a long tree lined avenue. Surrounded by woodland. Located just N of a large quarry (Goat Quarry).	Moderate	Medium	Imperceptible	Negligible
3774	South Fod House	Category B	312425	687796	4	1.7	Medium	Forms part of	High	High	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Including Gatepiers	Listed						Dunfermline. Enclosed town setting.		(localised)		
3775	Dunfermline, Broomhead House Including Balustraded Wall	Category B Listed	308995	688336	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25970	Pittencrieff Park, Statue of Andrew Carnegie	Category B Listed	308694	687443	3	4.9	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25971	Pittencrieff Park, Dovecot	Category B Listed	308735	687501	4	4.8	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25985	25 Canmore Street	Category B Listed	309197	687338	2	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25986	27 Canmore Street	Category B Listed	309216	687338	2	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25987	29 Canmore Street	Category B Listed	309234	687329	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25994	15 Abbey Park Place, Abbey Park House, including Gateway, Boundary Wall, Railings and	Category B Listed	309250	687245	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Lamp Standards											
25995	5 Abbey Park Place, including Boundary Walls	Category B Listed	309139	687280	3	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
25996	11 Abbey Park Place	Category B Listed	309182	687280	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26003	High Street, Market Cross To North of Guildhall Street	Category B Listed	309107	687474	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26004	66 High Street	Category B Listed	309113	687483	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26005	60-64 High Street, Clydesdale Bank	Category B Listed	309094	687482	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26007	82 High Street and 1 Douglas Street	Category B Listed	309150	687487	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26008	100 and 102 High Street	Category B Listed	309198	687493	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26009	104-106 High Street	Category B Listed	309208	687494	4	4.4	Medium	Forms part of Dunfermline. Enclosed town	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
26010	1-3 (Odd Nos) East Port, Former Bank of Scotland	Category B Listed	309292	687470	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26011	15 East Port, Former Prudential Assurance Offices	Category B Listed	309332	687482	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26012	25-27 (Odd Nos) East Port	Category B Listed	309347	687475	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26013	35-41 (Odd Nos) East Port, including Railings	Category B Listed	309408	687484	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26014	43-45 (Odd Nos) East Port, Century House	Category B Listed	309426	687486	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26015	44-46 (Even Nos) East Port, Robins Cinema	Category B Listed	309393	687514	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26016	1-7 (inclusive Nos) Queen's Court, Former Commercial School	Category B Listed	309460	687410	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26017	East Port, Holy Trinity Episcopal Church	Category B Listed	309485	687485	4	4.1	Medium	Forms part of Dunfermline. Enclosed town	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
26018	East Port, St Margaret's Roman Catholic Church	Category B Listed	309546	687576	4	4.0	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26019	Viewfield Terrace, 3-8 (inclusive Nos) Viewfield House	Category B Listed	309527	687427	4	4.1	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26021	85 New Row, Wilson's Institution	Category B Listed	309345	687242	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26023	New Row, Comely Park House Sundial	Category B Listed	309407	687212	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26025	Off Reid Street To E, Priory House, Formerly Dunfermline and West Fife Hospital Nurses' Home	Category B Listed	309379	686952	1	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26026	2-4 (Even Nos) Moodie Street and 5 Priory Lane, Andrew Carnegie Birthplace Memorial, including Boundary Walls and Railings	Category B Listed	309132	687087	3	4.6	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
26029	Leys Park Road, Former Dunfermline Poorhouse and Northern Hospital (Ley's Park Nursing Home), including Gatepiers and Boundary Wall	Category B Listed	310056	687980	4	3.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26032	30-32 (Even Nos) Queen Anne Street, including Railings and Gatepiers To West	Category B Listed	309086	687541	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26033	34 Queen Anne Street	Category B Listed	309102	687535	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26034	42-44 (Even Nos) Queen Anne Street, Head Post Office, including Former Stable Yard and Boundary Wall	Category B Listed	309134	687553	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26035	Queen Anne Street, Former Saint Andrew's Erskine Church, including Boundary Wall	Category B Listed	309192	687587	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26039	42 Pilmuir Street,	Category B	309182	687767	4	4.3	Medium	Forms part of	High	High	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Carnegie Leisure Centre	Listed						Dunfermline. Enclosed town setting.		(localised)		
26040	65 Inglis Street and Pilmuir Street, Carnegie Clinic	Category B Listed	309203	687736	4	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26042	Carnegie Drive, Dunfermline Fire Station	Category B Listed	309062	687665	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26045	Bothwell Street, Former St Leonard's Works Warehouse and Office Block (Erskine Beveridge Court), including Entrance Piers To West	Category B Listed	309664	686778	1	4.3	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26046	Off Old Mill Court, Brucefield House	Category B Listed	310102	686802	4	4.0	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26064	Kingseat Road, South Bellyeoman Farmhouse, including Boundary Wall	Category B Listed	310720	688886	4	2.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26065	East Port, Carnegie Music Institute	Category B Listed	309635	687535	4	4.0	Medium	Forms part of Dunfermline. Enclosed town	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
26066	East Port, Carnegie Hall, including Boundary Wall and Steps To North	Category B Listed	309603	687514	4	4.0	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26072	Glen Bridge, Over Tower Burn	Category B Listed	308668	687908	4	4.7	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
26074	80 Rose Street, Albany House including Pavilions and Boundary and Garden Walls	Category B Listed	309611	687988	4	3.8	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
43675	Lassodie Mill Farm and Steading	Category B Listed	314079	692915	4	3.2	Medium	Farmhouse and steading. Enclosed farm setting.	High	High (localised)	Imperceptible	Negligible
43886	33 East Port	Category B Listed	309383	687484	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
45589	St Margaret's Drive, Dunfermline Public Park, Bandstand	Category B Listed	309767	687307	3	4.0	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
46891	Comely Park, To North West of Nos 13-15, Edward VIII Post Box	Category B Listed	309548	687134	3	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
46903	East Port, Viewfield Baptist Church, including Hall	Category B Listed	309457	687481	4	4.2	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
46942	39 Priory Lane, Former Masonic Lodge	Category B Listed	309226	687083	4	4.6	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
46944	Queen Anne Street, Statue of Ralph Erskine To South of Former St Andrew's Erskine Church	Category B Listed	309181	687551	4	4.4	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
46950	1-57 (Inclusive Nos) Skibo Court, Former Lauder Technical College	Category B Listed	309294	687160	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
46951	58-73 (Inclusive Nos) Skibo Court, Former High School, Including Gateway To Buchanan Street	Category B Listed	309252	687163	4	4.5	Medium	Forms part of Dunfermline. Enclosed town setting.	High	High (localised)	Imperceptible	Negligible
47799	Balmule Farm, Former Farmhouse	Category B Listed	309786	691504	3	3.9	Medium	Enclosed farm setting. Surrounded by flat arable fields. Just W of large opencast coal mine (Loch Fitty).	High	High (localised)	Imperceptible	Negligible
49162	Fordell Estate, Fordell Nursery, Walled Garden	Category B Listed (Group Cat A)	314435	685422	1	4.0	Medium	Forms part of Fordell GDL.	High	High (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
49164	Fordell Estate, Pitadro House Including Sundial, Fountain and Gatepiers	Category B Listed (Group Cat A)	314445	685506	1	3.9	Medium	Forms part of Fordell GDL.	High	High (localised)	Imperceptible	Negligible
3662	Vantage Farm Fordell Estate Coach House, Dairy, Dairy Cottage, Granary and Gate Piers	Category C(S) Listed	315064	685606	4	4.1	Low	Forms part of Fordell GDL.	High	High (localised)	Imperceptible	Negligible
23243	Town House, High Street	Category C(S) Listed	316500	691969	4	3.3	Low	Forms part of Cowdenbeath. Enclosed town setting.	High	Medium	Imperceptible	Negligible
25983	4 Canmore Street, Former Burgh of Dunfermline Gas Department	Category C(S) Listed	309152	687581	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
25988	24-32 (Even Nos) Canmore Street	Category C(S) Listed	309276	687351	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26002	125 High Street	Category C(S) Listed	309203	687450	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26006	38 High Street	Category C(S) Listed	309048	687473	1	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
26022	New Row, Comely Park House, Including Boundary Wall, Walled Garden and Outhouses To North	Category C(S) Listed	309392	687255	4	4.3	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26027	Priory Lane, Former High School Lodge, Including Gateposts and Boundary Wall To South/ South-East	Category C(S) Listed	309252	687163	4	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26030	Leys Park Road, Former Fever Hospital (Mclean House)	Category C(S) Listed, Group Cat B	310101	688027	4	3.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26031	Leys Park Road, Former Poorhouse Probationary Ward ('The Lodge'), Including Gatepiers and Boundary Wall	Category C(S) Listed	310004	687904	4	3.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26037	Chapel Street, Gillespie Memorial Church, (Church of Scotland),	Category C(S) Listed, Group Cat B	309064	687590	4	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible

**APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM**

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Including Boundary Wall and Gatepiers To West											
26038	6-8 (Even Nos) Pilmuir Street, Former Women's Institute	Category C(S) Listed	309167	687612	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26047	Off Woodmill Road To North, Woodmill Farmhouse, Including Attached Outbuilding To West	Category C(S) Listed	311185	687423	4	2.7	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26049	Off Woodmill Road To North, Woodmill Bridge Over Lyne Burn	Category C(S) Listed	311173	687417	4	2.8	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26063	Garvock Hill (Corner of Appin Crescent), Former North Lodge To Transy Estate, Including Railed Wall and Gatepiers To North and East	Category C(S) Listed	310142	687716	4	3.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26070	5-11 (Odd Nos) Douglas Street	Category C(S) Listed	309147	687509	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
26071	16-18 (Even Nos)	Category	309168	687518	4	4.4	Low	Forms part of	High	Medium	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Douglas Street	C(S) Listed						Dunfermline. Enclosed town setting.		(localised)		
43859	Oakfield Street, Kelty Kirk With Hall and Boundary Walls	Category C(S) Listed	314411	694196	4	4.5	Low	Forms part of Kelty. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
45590	St Margaret's Drive, Dunfermline Public Park, Drinking Fountain	Category C(S) Listed	309747	687546	4	3.9	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46876	13 Abbey Park Place	Category C(S) Listed	309204	687276	4	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46877	12 Abbey Park Place	Category C(S) Listed	309277	687304	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46879	95-101 (Odd Nos) Appin Crescent and 2-6 (Even Nos) Couston Street, Former Dunfermline Co-Operative Building	Category C(S) Listed	309955	687705	4	3.6	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46882	14-18 (Even Nos) Buchanan Street, Including Outhouse To NW	Category C(S) Listed	309179	687167	4	4.6	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46883	22-24 (Even Nos)	Category	309194	687168	4	4.5	Low	Forms part of	High	Medium	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Buchanan Street, Including Outhouse To NW	C(S) Listed						Dunfermline. Enclosed town setting.		(localised)		
46887	7 Canmore Street	Category C(S) Listed	309140	687351	1	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46888	31 Canmore Street	Category C(S) Listed	309323	687319	1	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46889	12 Chapel Street	Category C(S) Listed, Group Cat B	309024	687595	4	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46890	Chisholm Street, Townhill Primary School, Including Gatepiers and Boundary Wall To N, S and W	Category C(S) Listed	310626	689623	2	2.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46892	Douglas Street, The Commercial Inn	Category C(S) Listed	309148	687523	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46896	5-7 (Odd Nos) East Port, Including East Port Bar	Category C(S) Listed, Group Cat B	309304	687478	4	4.3	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46901	58-64 (Even Nos) East Port, Lorne House	Category C(S) Listed	309458	687516	4	4.1	Low	Forms part of Dunfermline. Enclosed town	High	Medium (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
46902	East Port, Pair of Gatepiers To West of Carnegie Hall At NT 09520 87510	Category C(S) Listed, Group Cat B	309505	687418	4	4.1	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46906	Gardeners Street, Former Albany Works Office Building (Albany Business Centre), Including Gatepiers and Boundary Wall	Category C(S) Listed	309476	687796	4	4.0	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46907	34 and 36 Garvock Hill	Category C(S) Listed	310524	687665	4	3.1	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46912	Halbeath Road, Entrance Gateway To Dunfermline Cemetery, Including Cemetery Dividing Wall and Gateways To North West and Boundary Wall To Bellyeoman Road	Category C(S) Listed	310338	688122	4	3.1	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46914	78-80 High Street	Category C(S) Listed	309139	687491	4	4.5	Low	Forms part of Dunfermline. Enclosed town	High	Medium (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
46923	7 Nethertown Broad Street, Former Nethertown Institute (Dell Farquharson Community Leisure Centre)	Category C(S) Listed	309357	686908	2	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46924	6-12 (Even Nos) New Row	Category C(S) Listed	309298	687459	4	4.3	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46925	Old Linburn Road To East, Entrance Gateway At No 43 (Formerly To Southfod House)	Category C(S) Listed	311865	687655	4	2.1	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46943	Priory Lane, Dunfermline Bowling Club Pavilion, Including Boundary Wall	Category C(S) Listed	309215	687127	4	4.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46946	Queensferry Road, Former St Leonard's Hill House, Including Entrance Gateway To South East	Category C(S) Listed	310114	686245	4	4.3	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46947	123 Rose Street, Including Walled Yard To North	Category C(S) Listed	309729	688071	4	3.7	Low	Forms part of Dunfermline. Enclosed town	High	Medium (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								setting.				
46949	St Leonard's Street, St Leonard's Primary School, Including Gateways, Railings and Boundary Wall	Category C(S) Listed	309763	686559	4	4.4	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46952	33 Townhill Road	Category C(S) Listed	309830	688009	4	3.6	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46953	Walmer Drive (East Side), Former Villa To South of and Forming Part of Fife Council Housing Service	Category C(S) Listed	309397	687440	4	4.2	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
46954	Woodmill Road, Brucefield Manor Hotel	Category C(S) Listed	310380	687151	4	3.5	Low	Forms part of Dunfermline. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
47798	Balmule Including Walled Garden, Coach House, Granary and Gatepiers	Category C(S) Listed	310191	691427	4	3.5	Low	Country House. Situated in small designed landscape. Partially screened by woodland shelterbelts. Main elevations of house orientated NNW to SSE. Just W of large opencast coal	High	Medium	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								mine (Loch Fitty)				
47824	Colton House Including Sundial and Gatepiers	Category C(S) Listed, Group Cat B	309037	689926	4	4.1	Low	Country House. Situated in small designed landscape. Just S of stables (47825). Main elevation of house orientated W and E. Surrounded by trees.	High	Medium	Imperceptible	Negligible
47825	Colton House, Stables Including Walled Garden	Category C(S) Listed, Group Cat B	309082	689961	4	4.1	Low	Enclosed courtyard setting. Situated just N of Colton house (47824) and forms part of small designed landscape that surrounds house. Surrounded by trees.	High	Medium (localized)	Imperceptible	Negligible
47826	Craigduckie Cottage	Category C(S) Listed	311160	691728	4	3.0	Low	Enclosed farm setting. Surrounded by flat arable fields. Just W of large opencast coal mine (Loch Fitty).	High	Medium (localised)	Imperceptible	Negligible
47828	Dunfermline, Broomhead Mews Including	Category C(S) Listed,	308981	688343	4	4.3	Low	Forms part of Dumferline. Enclosed town	High	Medium (localised)	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
	Gatepiers	Group Cat B						setting.				
47845	Milepost, A823, South of Muirside	Category C(S) Listed	308933	690565	4	4.3	Low	Road side setting.	High	Medium (localised)	Imperceptible	Negligible
47846	Wester Craigduckie Farmhouse Including Gatepiers and Wall	Category C(S) Listed	310602	691443	4	3.2	Low	Enclosed farm setting. Surrounded by flat arable fields. Just W of large opencast coal mine (Loch Fitty).	High	Medium (localised)	Imperceptible	Negligible
49163	Fordell Estate, North West Gate (Off B981)	Category C(S) Listed, Group Cat A	314015	685831	4	3.5	Low	Forms part of the Fordell Castle GDL. Entrance gate to Estate. Localised setting.	High	Medium (localised)	Imperceptible	Negligible
49890	Lumphinnans, Main Street, War Memorial Including Railings	Category C(S) Listed	317367	692712	4	4.4	Low	Forms part of Cowdenbeath. Enclosed town setting.	High	Medium (localised)	Imperceptible	Negligible
	Fordell Castle	GDL	315013	685398	4	4.2	High	Approximately 450 ha of woodland policies and parkland surrounding the restored 16th century Category A Listed Fordell Castle and other associated listed buildings including Fordell Chapel (3653), Vantage Farm Dovecot (3662), Vantage	High	High	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								Farm (3663), Fordell Nursery (49162), Pitadro House (49164) and North West Gate (49163). The majority of the buildings are surrounded by woodland which form secluded settings and limit views out to the surrounding landscape. The castle itself, its formalized gardens and the associated chapel (3653) all stand in dense woodland at the centre of the designed landscape which screen views of these from the surrounding area.				
	Pittencrieff Park	GDL	308760	687162	4	4.9	High	31 ha of parkland surrounding Pittencrief House. Situated on the W side of Dunfermline and bounded on all sides by public roads. The park was gifted to the	High	High	Imperceptible	Negligible

APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								people of Dunfermline in 1903 by Andrew Carnegie and has been open to the public ever since. The park slopes gently to the S and there are views southwards out to the Forth Road Bridge and the Lothian Hills. Pittencrief House stands at the centre of the park and from here there are extensive views to the S. Views into the park from the surrounding landscape are limited by the high walls of the park. Dunfermline Abbey and Palace form the backdrop of the park to the NE.				
	Dunfermline Town Centre	CA	309297	687304	4	4.4	Medium	The Conservation Area, which covers the historic core of the town, includes approximately 80 listed buildings, including Category A	High	Medium	Imperceptible	Negligible

**APPENDIX 11.2 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 0-5 KM**

Site no	Site Name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor	Setting	Contribution of Setting	Sensitivity of Setting	Impact Magnitude	Significance of Predicted Impact
								Listed Dunfermline Abbey, Logie House and Abbot House, along with the designed landscape at Pittencrief Park. Enclosed town setting.				

**APPENDIX 11.3 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 5-10 KM**

Key Cultural Heritage Receptors with Theoretical Views of the Proposed Development within 5-10 km

Site no	Site name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor
803	Castle Craigs, fort, Craiguscar Hill	Scheduled Monument	306003	690960	4	7.3	High
858	Lochore Castle	Scheduled Monument	317529	695879	3	7.1	High
884	Inverkeithing Market Cross, Bank Street	Scheduled Monument	313017	682877	4	6.4	High
992	Dumglow, cairn & fort, Cleish Hills	Scheduled Monument	307623	696502	4	8.9	High
2471	Dunearn, fort	Scheduled Monument	321155	687285	4	7.4	High
4413	Carlingnose Battery	Scheduled Monument	313386	680723	4	8.5	High
6436	Inch Garvie, Firth of Forth, defensive installations	Scheduled Monument	313639	679527	4	9.7	High
7601	Benarty Hill, fort	Scheduled Monument	314870	697694	4	8.1	High
7602	Classlochie, ring-ditches 300 m ESE of	Scheduled Monument	313628	699484	4	9.8	High
7604	Cumbrae House, ring-ditches 200 m NNE of	Scheduled Monument	318220	698185	4	9.4	High
7605	Blacknowes, barrow 170 m S of	Scheduled Monument	313223	698222	2	8.6	High
7775	Braefoot Point, battery	Scheduled Monument	317837	683411	4	7.3	High
8540	Saline Hill, fort 1280 m SE of Sheardrum	Scheduled Monument	304281	693359	4	9.6	High
8543	Glenmoy, enclosed settlement and souterrain NE of	Scheduled Monument	306612	688243	4	6.6	High
8550	Roscobie, enclosures 780m NW of	Scheduled Monument	308187	693431	4	6.3	High
8551	Craigluscar, shielings and enclosure 350 m WNW of	Scheduled Monument	306252	691029	4	7.0	High
9016	Mary Colliery winding gear head frame, 775m NW of Lochore Castle	Scheduled Monument	317035	696477	3	7.4	High
11089	Clune Craig, hut-circles and enclosures	Scheduled Monument	317068	695254	3	6.3	High
90166	Inchcolm, Abbey, hog-backed stone, hermit's cell, WWI & WWII defences	Scheduled Monument	318924	682550	4	8.6	High
3321	Benarty House	Category A Listed	315724	696481	4	7.0	High
3322	Benarty House, Steading and Horse-Gang	Category A Listed	315669	696574	4	7.1	High
3573	Inchcolm Abbey, including Ancillary Buildings	Category A Listed	318973	682656	4	8.5	High
3647	Donibristle House	Category A Listed	316007	682863	4	7.0	High

**APPENDIX 11.3 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 5-10 KM**

Site no	Site name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor
3650	Donibristle Chapel	Category A Listed	315825	682784	4	7.0	High
3745	Broomhall including Garden Balustrade, Kitchen Court Walls Larder and Stables	Category A Listed	307685	683683	4	7.9	High
3759	Pitfirrane Castle including Gatepiers	Category A Listed	306332	686113	4	7.6	High
3776	Logie House including Garden Wall, Greenhouse and Gatepiers	Category A Listed	307873	686134	4	6.2	High
3777	Logie House, Steading	Category A Listed	307630	686394	4	6.3	High
5715	Blair Adam House	Category A Listed	312929	695700	3	6.1	High
26050	Limekilns Road, Hill House, including Walled Garden and Two Pairs of Gatepiers To West	Category A Listed	309168	685972	4	5.2	High
35087	Townhall Street, Town House	Category A Listed	313040	682924	4	6.3	High
35088	Bank Street, Mercat Cross	Category A Listed	313010	682872	4	6.4	High
35090	2, 4 Bank Street, Thomson's House	Category A Listed	313042	682890	4	6.4	High
35100	Queen Street, The Friary including Well and Vaulted Cellars	Category A Listed	312949	682757	4	6.5	High
35103	16, 18 Church Street, Fordell's Lodging	Category A Listed	313018	682973	4	6.3	High
3301	Blair Mill (Eastern Mill Range Only)	Category B Listed	315287	696187	4	6.6	Medium
3319	Lochore Castle	Category B Listed	317532	695883	3	7.1	Medium
3430	Pitdinnie Dovecot South Pitdinnie Farm	Category B Listed	304673	686944	4	8.8	Medium
3431	Cairneyhill Church of Scotland Main Street Cairneyhill	Category B Listed	305114	686377	4	8.6	Medium
3649	Donibristle Stables	Category B Listed	316222	683006	4	6.9	Medium
3651	Donibristle Ice-House	Category B Listed	315635	683075	4	6.6	Medium
3733	Gallowridge Hill Farmhouse and Granary	Category B Listed	308213	685594	4	6.2	Medium
3734	Broomhall Policies, Courthill Cottage	Category B Listed (Group Cat A)	306603	684325	4	8.3	Medium
3746	Broomhall, Ice-House and Summer-House	Category B Listed (Group Cat A)	307577	683574	4	8.0	Medium

**APPENDIX 11.3 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 5-10 KM**

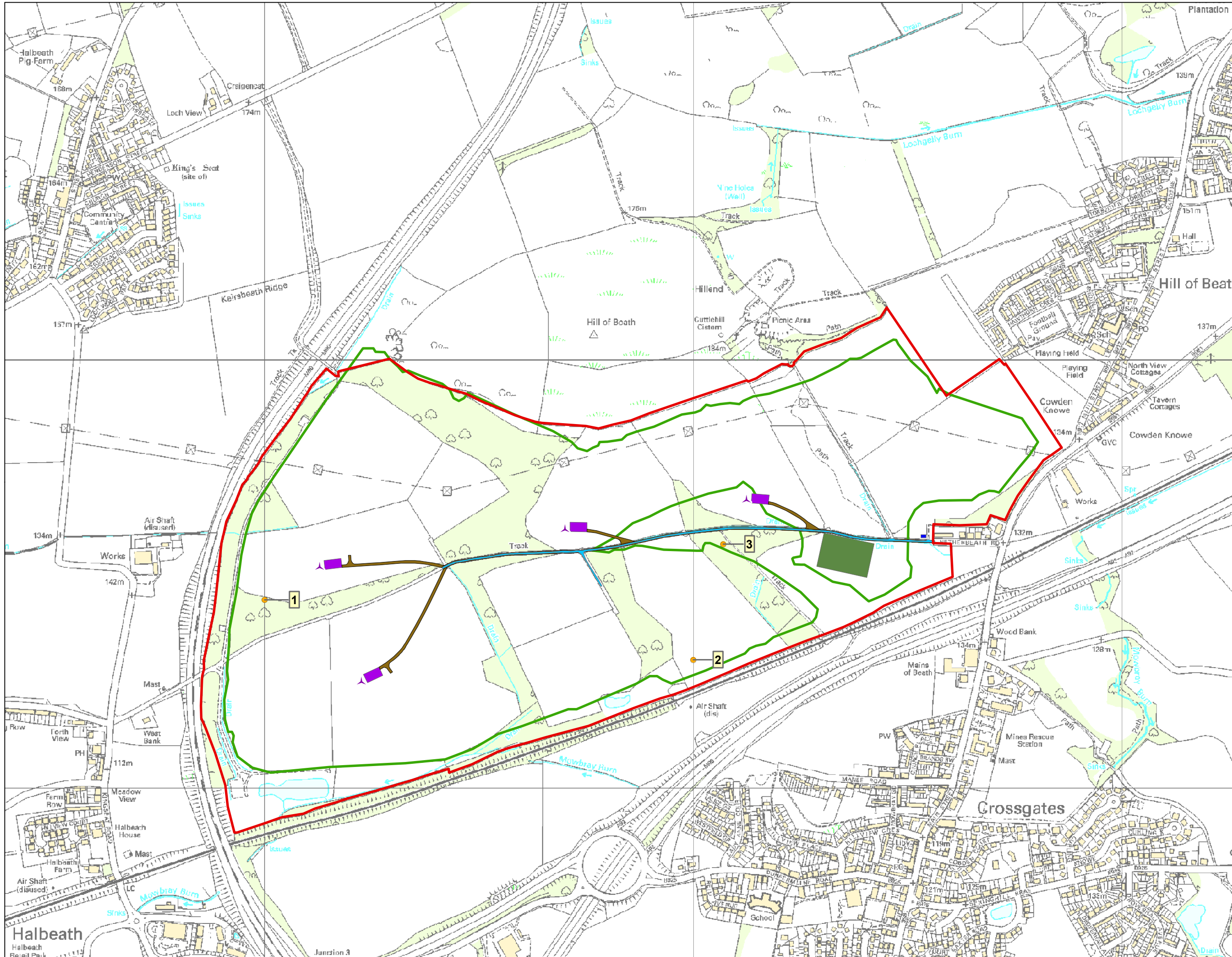
Site no	Site name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor
3757	Pitliver House including Estate Square, Tennis Pavilion, Polo Stables, Garden Walls and Gatepiers	Category B Listed	306125	685077	4	8.2	Medium
5281	Gairney Bridge, Gairney Water	Category B Listed	312857	698708	1	9.1	Medium
5282	Secession Church Monument Gairneybridge Farm	Category B Listed	312977	698475	1	8.9	Medium
5283	Paranwell Bridge	Category B Listed	313967	696896	4	7.2	Medium
5285	Paranwell, The Binn Cottage and Monument Set Into Front Garden Wall	Category B Listed	314169	696811	4	7.1	Medium
5716	Coach-House Blair Adam Policies	Category B Listed	312791	695616	3	6.1	Medium
5717	North Blair Blair Adam Policies	Category B Listed	313022	696035	3	6.5	Medium
6405	North Queensferry, St Margaret's Hope, including Boundary Walls, Walled Garden To South and Archway On Drive To North	Category B Listed	312308	681105	4	8.2	Medium
6615	St Colme House	Category B Listed	318258	684271	1	6.8	Medium
6616	St Colme, Coachhouse and Walled Garden, including Gates	Category B Listed	318219	684302	1	6.8	Medium
6617	St Colme House Sundial	Category B Listed	318277	684249	1	6.8	Medium
6676	Orrock, Cartshed	Category B Listed	322068	688140	3	8.1	Medium
6677	Orrock Farmhouse With Outbuilding and Boundary Walls	Category B Listed	322091	688133	3	8.1	Medium
12957	Hillend, Spencerfield House including Gatepiers and Boundary Wall	Category B Listed	314047	683268	4	6.0	Medium
26051	Limekilns Road, Remains of Windmill To East of Hill House	Category B Listed	309185	685902	4	5.2	Medium
26052	Off Grange Road To West, Blackhall Farmhouse	Category B Listed	309661	684378	4	6.0	Medium
26056	Hilton Road, Hilton Farmhouse	Category B Listed	309659	683377	4	6.9	Medium
35086	Church Street, Inverkeithing Parish Church (St Peter's Building; Church of Scotland) including Churchyard and Boundary Walls	Category B Listed	313050	682964	4	6.3	Medium
35093	10 Bank Street, Park House, including Garden Terrace, Vaulted Cellars and Boundary Walls	Category B Listed	313037	682858	4	6.4	Medium

**APPENDIX 11.3 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 5-10 KM**

Site no	Site name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor
35096	12, 14, 18 High Street, Providence House	Category B Listed	313012	682855	4	6.4	Medium
35102	79, 81 High Street, including Wash House and Boundary Walls	Category B Listed	312896	682792	1	6.5	Medium
35106	9 King Street, Rosebery House, including Well, Marriage Lintel To Back Garden, Boundary Walls and Gatepiers	Category B Listed	313123	682926	4	6.3	Medium
35108	Commercial Road, Rosebery Doocot	Category B Listed	313208	682853	4	6.4	Medium
35113	58, 60 Church Street, Inverkeithing Parish Church (St John's Building; Church of Scotland) including Adjoining Hall and Offices, Boundary Walls and Railings	Category B Listed	313048	683206	4	6.0	Medium
37511	Lochgelly, Bank Street, Chapel Street Co-Op	Category B Listed	318720	693590	4	6.0	Medium
37512	Lochgelly, Hall Street, Town House	Category B Listed	318795	693497	4	6.0	Medium
37513	125-127 (Odd Nos) Main Street, Former Miners' Welfare and War Memorial Institute	Category B Listed	318657	693386	4	5.9	Medium
43660	Little Raith	Category B Listed	320650	691669	4	6.8	Medium
43661	Pitcairn Steading and Farmhouse With Boundary Walls	Category B Listed	319828	695824	4	8.4	Medium
43733	Wester Cartmore, Doocot	Category B Listed	317696	694045	4	5.6	Medium
46945	Queensferry Road, Rosyth Parish Church (Church of Scotland), including Gatepiers and Boundary Wall	Category B Listed	311552	683813	3	5.7	Medium
49167	North Queensferry, Carlingnose Submarine Mining Pier	Category B Listed	313630	680877	4	8.4	Medium
49174	North Queensferry, 10 Ferryhills Road, Garthill House, including Boundary Walls and Gatepiers	Category B Listed	313241	681258	4	8.0	Medium
49935	Boreland Road, Bridge Over Keithing Burn, Halbeath Waggon Way and Railway	Category B Listed	313166	683211	3	6.0	Medium
49940	Church Street, Standard Lamp	Category B Listed	313060	683100	4	6.2	Medium
49945	Hillend Road, Inverkeithing High School	Category B Listed	313692	683492	4	5.8	Medium
49949	Inverkeithing Harbour	Category B Listed	313153	682586	1	6.7	Medium

**APPENDIX 11.3 CULTURAL HERITAGE RECEPTORS WITH
THEORETICAL VIEWS OF THE PROPOSED DEVELOPMENT WITHIN 5-10 KM**

Site no	Site name	Status	Easting	Northing	No of turbines visible	Distance to nearest turbine (km)	Sensitivity of Receptor
49950	Inverkeithing Station, including Timber Fence	Category B Listed	313158	683331	2	5.9	Medium
50784	Rosyth Dockyard, Pumping Station (Building No 500)	Category B Listed (Group Cat A)	309930	682210	4	7.8	Medium
	Blair Adam	GDL	313072	695645	4	6.1	High
	St Colme	GDL	317871	684303	4	6.5	High
	Donibristle	GDL	316011	682920	4	6.9	High
	Raith House and Beveridge Park	GDL	325211	691582	4	11.2	High
	Inverkeithing	CA	313050	682851	4	6.4	Medium
	Pattiesmuir	CA	309493	683644	4	6.7	Medium



- Key:
- Turbine Location
 - Site Boundary
 - Access Track
 - Crane Hardstanding
 - Existing access track
 - Substation
 - Temporary construction camp
 - Limit of Opencast Extraction
 - Cultural Heritage Sites

CFA ARCHAEOLOGY LTD
 The Old Engine House
 Eskmills Park
 Musselburgh
 East Lothian, EH21 7PQ
 t: 0131 273 4380
 f: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No: 11.1 Revision:

Title:
Cultural Heritage: Constraints Map

Project:
Kingdom of Fife Community Wind Farm

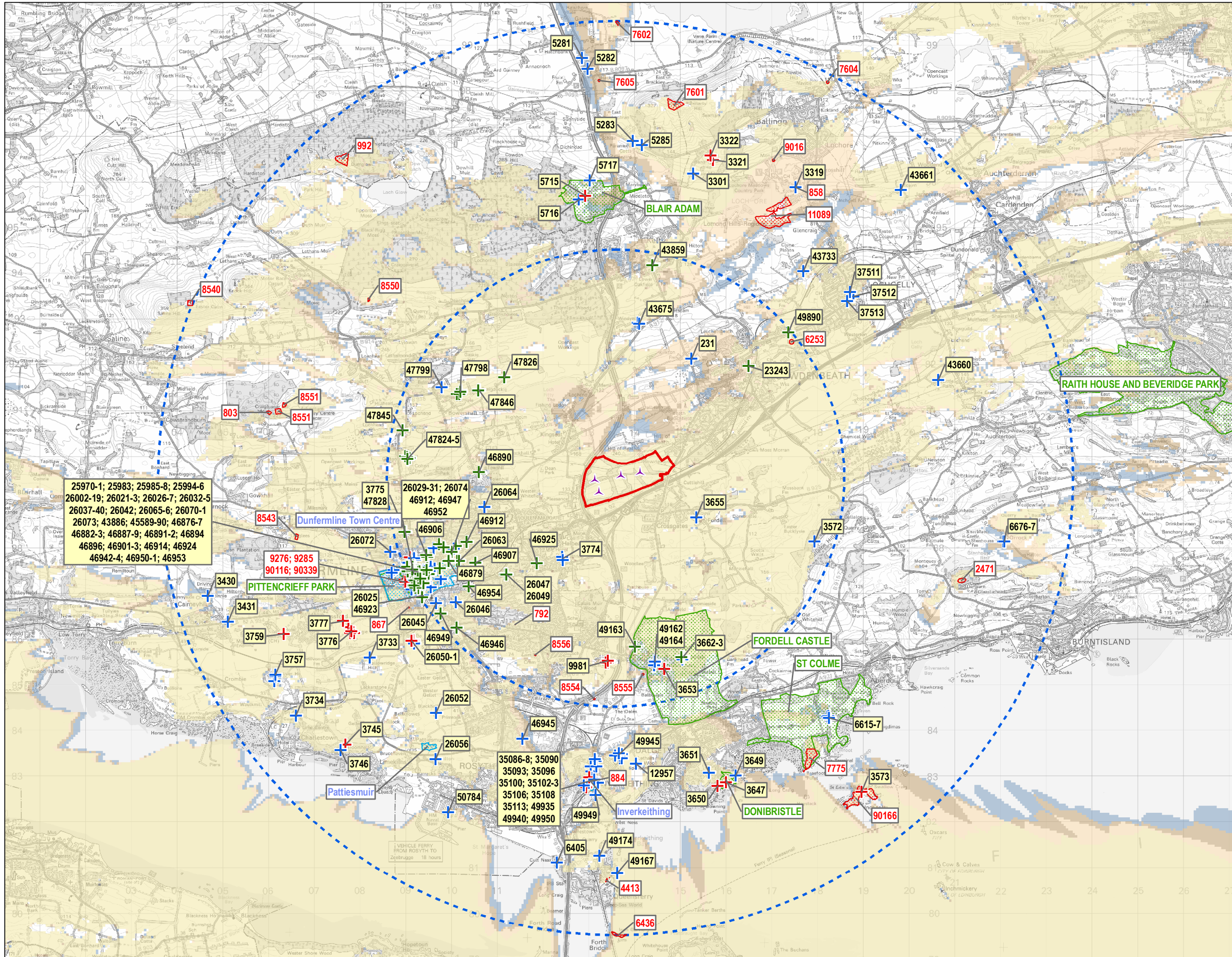
Scale:
1:8,000 A3

Client:
Atmos Consulting Ltd

Drawn by: LW Report No:

The copyright in this document (including its electronic form) shall remain vested in CFA Archaeology Ltd (CFA) but the Client shall have a licence to copy and use the document for the purpose for which it was provided. CFA shall not be liable for the use by any person of this document for any purpose other than that for which the same was provided by CFA. This document shall not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express written authority of CFA.

Reproduced with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright. CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh EH21 7PQ AL100034785



- Key:**
- Site Boundary
 - ▲ Turbine Location
 - Scheduled Monument
 - + Listed Building Category A
 - + Listed Building Category B
 - + Listed Building Category C(S)
 - Garden and Designed Landscape
 - Conservation Area
 - 5km and 10km Buffer

- No of visible turbines**
- 1
 - 2
 - 3
 - 4

25970-1; 25983; 25985-8; 25994-6
 26002-19; 26021-3; 26026-7; 26032-5
 26037-40; 26042; 26065-6; 26070-1
 26073; 43886; 45589-90; 46876-7
 46882-3; 46887-9; 46891-2; 46894
 46896; 46901-3; 46914; 46924
 46942-4; 46950-1; 46953

9276; 9285
 90116; 90339

35086-8; 35090
 35093; 35096
 35100; 35102-3
 35106; 35108
 35113; 49935
 49940; 49950

CFA ARCHAEOLOGY LTD
 The Old Engine House
 Eskmills Park
 Musselburgh
 East Lothian, EH21 7PQ
 t: 0131 273 4380
 f: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No: 11.2 Revision:

Title:
Key Cultural Heritage Receptors and ZTV

Project:
Kingdom of Fife Community Wind Park

Scale:
1:75,000 A3

Client:
Atmos Consulting Ltd.