

**PROPOSED WIND TURBINE AT
TREBOVER FARM, LLANYCHAER,
PEMBROKESHIRE:
HISTORIC ENVIRONMENT
APPRAISAL
(NGR SM 196452 236024)**



Prepared by Dyfed Archaeological Trust
For: Hallmark Power Ltd /
Transition Bro Gwaun



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Gan / By

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CONTENTS	PAGE
SUMMARY	1
1. INTRODUCTION	2
1.1 Project Proposals and Commission	2
1.2 Scope of the project	2
1.3 Abbreviations used in this report	2
1.4 Illustrations	3
1.5 Timeline	3
2. SITE LOCATION AND TOPOGRAPHY	4
3 METHODOLOGY	5
3.1 Desk top study	5
3.2 Site Walkover Survey	5
4. ARCHAEOLOGICAL AND HISTORICAL BACKGROUND	6
4.1 The Historic Landscape	6
4.2 Scheduled Ancient Monuments	6
4.2 Listed Buildings	8
4.4 Known Archaeological Remains	14
4.5 Historical Mapping	19
4.6 Site Walkover Survey	21
5. IMPACTS OF THE PROPOSED DEVELOPMENT ON THE HISTORIC ENVIRONMENT	25
5.1 Physical impacts	25
5.2 Buried archaeological potential	25
5.3 Palaeoenvironmental potential	25
5.4 Visual impacts	25
5.5 Other Constraints	26
5.5 Summary of impacts	26
6. SOURCES	27
APPENDIX 1: TREBOVER FARM, NEAR FISHGUARD, PEMBROKESHIRE: HISTORIC ENVIRONMENT APPRAISAL: WRITTEN SCHEME OF INVESTIGATION	28

FIGURES

Figure 1:	Location map based on the Ordnance Survey	4
Figure 2:	Map showing SAMs and Listed buildings within 2km of proposed wind turbine site	13
Figure 3:	Map showing all HER sites within 1km of proposed wind turbine site	18
Figure 4:	Extract of 1814 Original OS Surveyors Drawings showing location of proposed wind turbine	19
Figure 5:	Extract of 1889 1:2500 OS map showing location of proposed wind turbine	20
Figure 6:	Extract of 1907 1:2500 OS map showing location of proposed wind turbine	20
Figure 7:	Map showing location of photographs.	21

TABLES

Table 1:	Archaeological and Historical Timeline for Wales	3
Table 2:	SAMs within 2km of the proposed wind turbine	7
Table 3:	Listed buildings within 2km of the proposed wind turbine.	8
Table 4:	HER sites within 1km of the proposed wind turbine, excluding listed buildings.	15
Table 5:	RCAHMW NMR sites within 1km of the proposed wind turbine.	15

PHOTOGRAPHS

Photo 1:	View towards Fishguard and Goodwick from proposed wind turbine site	22
Photo 2:	View of Fishguard Harbour from east side of field for proposed wind turbine	22
Photo 3:	View north from proposed wind turbine site.	23
Photo 4:	View east from proposed wind turbine site.	23
Photo 5:	View south from proposed wind turbine site.	24
Photo 6:	View west from proposed wind turbine site.	24

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SUMMARY

Dyfed Archaeological Trust Field Services was commissioned by Hallmark Power, on behalf of their clients, Transition Bro Gwaun, to prepare a Historic Environment Appraisal to provide more information about the potential effects of a proposed wind turbine at Trebover Farm upon the historic environment. This report will be used by planners to make an informed decision on the proposals in regards to archaeology and the historic environment.

The proposed wind turbine is located on agricultural land at NGR SM 196452 236024 to the south of Fishguard, Pembrokeshire. It lies c.450m to the northwest of Trebover Farm.

There is one Scheduled Ancient Monuments within 2km of the proposed wind turbine. One hundred and fifty three listed buildings lie within 2km of the proposed wind turbine. One Historic Park and Garden lies within 1Km of the proposed wind turbine. Twenty eight known archaeological sites are recorded on both the Regional Historic Environment Record and Royal Commission on the Ancient and Historic Monuments of Wales National Monuments Record as lying within 1km of the proposed wind turbine. The site does not lie within any Historic Landscape Categorisation areas or any Conservation Areas. The site does not lie within the Pembrokeshire Coast National Park. However, the site does lie within the Countryside Council for Wales Cefnyndre Historic Landscape Aspect Area. No known archaeological sites or other historic assets will be directly affected by the proposed development. There will be a potential visual impact on the Goodwick Historic Landscape Categorisation Area which lies c.3km to the north west of the proposed wind turbine site.

It is concluded that the development proposal will have no physical impact on any known archaeological sites. It is considered that the visual impact of the proposed wind turbine on the wider historic environment and on individual historical assets will be slight.

1. INTRODUCTION

1.1 Project Proposals and Commission

- 1.1.1 Dyfed Archaeological Trust Field Services was commissioned by Hallmark Power, on behalf of their clients, Transition Bro Gwaun, to provide a Historic Environment Appraisal to provide more information about the potential effects of a proposed wind turbine on land at Trebover Farm upon the historic environment. The resulting report would enable the planners to make an informed decision on the proposal as regards archaeological and historic environment issues.
- 1.1.2 The proposed wind turbine is located on agricultural land at NGR SM 196452 236024 which lies to the northwest of Trebover Farm, to the north of Fishguard, Pembrokeshire. It is envisaged that the construction of the proposed wind turbine will include the excavation of the turbine base, access roads and an associated cable trench.
- 1.1.3 The Appraisal has been produced in accordance with a generic brief supplied by Dyfed Archaeological Trust (DAT) Planning Services Section.

1.2 Scope of the project

- 1.2.1 The appraisal is presented in fulfilment of a Written Scheme of Investigation (Appendix 1) working to a brief provided by DAT Planning Services Section. This appraisal is not a full desk-based assessment of the potential historic environment resource. Rather, it is a more rapid piece of work involving readily available information to assess historic environment potential.
- 1.2.2 The results are intended to identify the extent and character of the known and potential archaeological resource, to assess the likely and potential impacts of the scheme on that resource and, if required, to outline a possible programme of further works to mitigate those impacts. The appraisal should be seen only as the first stage of the archaeological process and does not preclude the possibility that further archaeological input may be required prior to, or during, the proposed development.
- 1.2.3 The proposed wind turbine does not lie within the Pembrokeshire Coast National Park. It lies within the planning jurisdiction of Pembrokeshire County Council.
- 1.2.4 The desk top survey was limited to the resources held in the regional HER and other on-line resources.
- 1.2.5 Considering the size and nature of the proposed wind turbine a 2km radius from the site was considered a sufficient area with which to evaluate visual effects and a 1km radius search area to establish buried archaeological potential for the site area.

1.3 Abbreviations used in this report

- 1.3.1 All sites recorded on the regional Historic Environment Record (HER) are identified by their Primary Record Number (PRN) and located by their National Grid Reference (NGR). Sites recorded on the National Monument Record (NMR) held by the Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW) are identified by their National Primary

Record Number (NPRN). Scheduled Ancient Monument (SAM). Altitude is expressed to Ordnance Datum (OD). References to cartographic and documentary evidence and published sources will be given in brackets throughout the text, with full details listed in the sources section at the rear of the report.

1.4 Illustrations

- 1.4.1 Photographic images are to be found at back of the report. Printed map extracts are not necessarily reproduced to their original scale.

1.5 Timeline

- 1.5.1 The following timeline (Table 1) is used within this report to give date ranges for the various archaeological periods that may be mentioned within the text.

Period	Approximate date	
Palaeolithic –	c.450,000 – 10,000 BC	Prehistoric
Mesolithic –	c. 10,000 – 4400 BC	
Neolithic –	c.4400 – 2300 BC	
Bronze Age –	c.2300 – 700 BC	
Iron Age –	c.700 BC – AD 43	
Roman (Romano-British) Period –	AD 43 – c. AD 410	Historic
Post-Roman / Early Medieval Period –	c. AD 410 – AD 1086	
Medieval Period –	1086 – 1536	
Post-Medieval Period ¹ –	1536 – 1750	
Industrial Period –	1750 – 1899	
Modern –	20th century onwards	

Table 1: Archaeological and Historical Timeline for Wales

¹ The post-medieval and industrial periods are combined as the post-medieval period on the Regional Historic Environment Record as held by Dyfed Archaeological Trust

2. SITE LOCATION AND TOPOGRAPHY

- 2.1 The location of the proposed wind turbine lies on a hillside site c.450m to the northwest of Trebover Farm (NGR SM 196452 236024). The proposed site comprises a relatively substantial field bounded by earthen banks which is currently under crop with maize. The proposed location lies on a southeast sloping site below the crest of the hill.

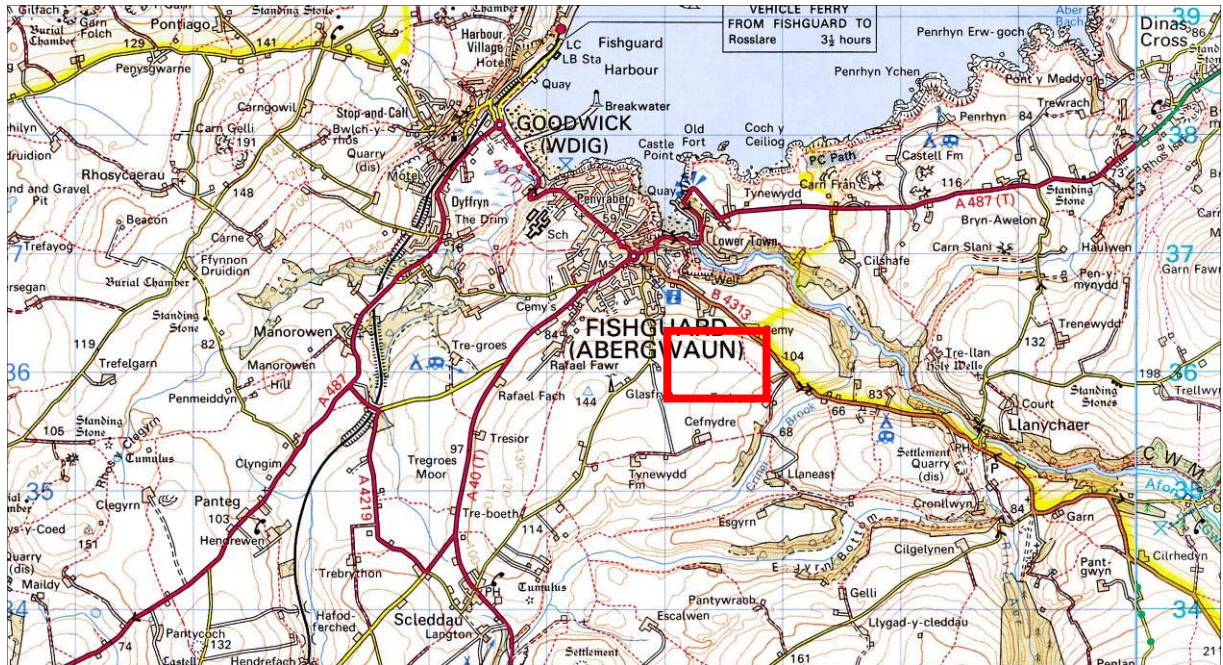


Figure 1: Location map based on the Ordnance Survey.

Reproduced from the 2003 Ordnance Survey 1:50,000 scale Landranger Map with the permission of The Controller of Her Majesty's Stationery Office, © Crown Copyright Dyfed Archaeological Trust, The Shire Hall, Carmarthen Street, Llandeilo, Carmarthenshire SA19 6AF. Licence No AL51842

3 METHODOLOGY

- 3.1 This Historic Environment Appraisal followed the required methodology laid out in the written scheme of investigation which was prepared in response to a generic brief prepared by DAT Planning Services (Appendix 1).

Desk top study

- 3.2 Computer based and other resources within the Regional HER were consulted in the preparation of this document. Sufficient information was consulted to inform comment on the goals of the assessment. GIS layers were used to assess and illustrate what the likely effects of the proposals upon the historic environment might be.

Site Walkover Survey

- 3.3 A site visit was undertaken on the 7th June 2013. The visit comprised a limited walkover of the proposed wind turbine site and views looking back to the site area from its surroundings. Photographs were taken and field observations recorded in note form.

4. ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

4.1 The Historic Landscape

4.1.1 The proposed wind turbine does not lie within the boundaries of any Historic Landscape Categorisation areas recorded on the Register of Landscapes of Outstanding Historic Interest in Wales (Cadw 1998). No Historic Landscape Categorisation Areas lie within a 2km radius of the site, the closest being the Goodwick Historic Landscape which lies 2.3km to the northwest (HLC 354).

4.1.2 The proposed wind turbine site does lie within the Countryside Council for Wales Cefnydre Historic Landscape Aspect Area (PMBRKHL46232) which is summarised as follows:

'Cefnydre is a medium-sized area (4.273 sq km) on the upland fringe. It is a landscape of medium-sized, regular fields some of which, particularly to the east, represent 19th century enclosure. The limited tree cover is confined to the sheltered hollows. Minor roads, and a communications mast, also characterise the landscape. Settlement is dispersed, comprising informal farms which are both small and large. There is little other settlement and few roadside dwellings. There are no listed buildings. An Iron Age defended enclosure is scheduled. Other recorded archaeology comprises prehistoric findspots, Bronze Age barrows and a barrow cemetery, a further Iron Age defended enclosure, a medieval chapel site, a 19th century chapel, and disused quarries and buildings. Summary of the most significant archaeological elements: prehistoric funerary and ritual monuments, Iron Age forts, post-medieval structures and buildings'²

4.1.3 The proposed wind turbine site does not within the Pembrokeshire Coast National Park.

4.1.4 The Fishguard Lower Town Conservation area lies within 2km of the site.

4.1.5 The Plas Glyn y Mel Historic Park and Garden (PGW (Dy) 22 (PEM)) lies c.1km to the north east of the site. This designated area consists of cliff walks to the rear of Glyn y Mel mansion with further terraces and a small garden surrounding the house. In addition a meadow flanks the River Gwaun. The house was formerly the home of barrister and author, Richard Fenton, and the gardens are considered to date between 1799 and 1805.

4.2 Scheduled Ancient Monuments

4.2.1 There is one Scheduled Ancient Monument within a 2km radius of the proposed extension (PRN 5015 Castle Point).

2

<http://test.landmap.ccw.gov.uk/PrintExtendedResults.aspx?filter=HL|PMBRKHL46232&MapCollectionName=LandMap&Layer01=HL;PMBRKHL46232>

SAM Ref	NGR	Site Name	Summary	Period
PE096	SM 96167 37817	Castle Point	<p>HER PRN – 5015: The site occupies a knoll on a promontory approached by a narrow rock. The knoll forms the highest ground of the promontory, immediately facing the rock, but with a hollow running east-west across the promontory first inside the area of the fort. The elements consist of perimeter defences and entrance; a battery on the north-east, a magazine on the west. On the north and north-west the defences consist of a rock-cut ditch with a vertical inner face, partly rock cut and partly formed by a wall, but the latter not projecting above ground level to allow a full field of fire for the guns on the battery. It is defended by natural cliffs on the east. It is defended by a wall on the south and south-east, the latter closing the end of the hollow which runs across the promontory.</p> <p>At the south-west corner, near the approach across the peninsula, it has been robbed away. There is a gate in the south-east of the southern wall, approached by a park across the neck of the promontory. It is plain apart from slight projections flanking the door internally and externally. The battery partly incorporates a natural rock outcrop. It consists of a sub-rectangular terraplain facing seaward, revetted on the north, west and west of the southern side. There are drains at the front. There is a separate rectangular platform with a paved alcove on it at the west. At the centre is the paved foundation for a gun emplacement. On it are three stone platforms with concrete tops supporting cannons - these were in the process of renovation/rebuilding when visited. The magazine is located downslope from the battery within the hollow. It is a two roomed vaulted stone building with slit windows with brick surrounds. To the rear of the west wall of the fort, again downslope from the battery and within the hollow, is a narrow structure represented by the bases of the north and east walls, the former with remains of a fireplace, whose west wall is that of the fort. This wall should therefore bear traces of structure, roof lines etc, but with the exception of a very small window there is no indication of this. But this wall has possibly been rebuilt /re-pointed at various dates, it may be the quarters of the garrison. To the south of the fort and west of the approach across the neck is a platform cut into the slope with a concrete base - PRN 32156. According to annotations by R Thomas on the photographs of the fort this is a hut floor rumoured to be associated with a searchlight battery, (according to his summary report it is a Coast Artillery Battery and is excluded from the survey).</p> <p>The site has been considered and refuted as that of an Iron Age fort (Crane 1994). One remaining hollow across the peninsula may represent the ditch and the battery area incorporates the bank of such a fort, which has been re-used to form the 18th century fort, originally enclosing the whole promontory. But these primitive defences do not occupy the rock which is the natural line of defences, which would have been used in Iron Age defences and are probably natural. (An Iron Age ditch would conceivably have lain on the site of the World War II hut 32156 and been cut away by this, but there is no evidence or of the construction of such a ditch to the east of the hut Pace, CADW who claim a possible ditch associated with the 18th century fort in this area). Nevertheless, this primitive Iron Age site has been given PRN 32157. Small scale rebuilding and reconstruction has been carried out in the past. Much of the fort has now been well restored and re-pointed but this renovation programme is ongoing. (However, correspondence in the SAM file deals with more limited work than has been carried out - concentrating on the cannons). The fort has apparently not been included in R. Thomas' survey apart from a private photographic survey. A thorough survey is necessary.</p>	Post Medieval

Table 2: Scheduled Ancient Monuments with 2km radius of proposed wind turbine.

4.2 Listed Buildings

4.2.1 There are 153 listed buildings within 2km of the proposed wind turbine, the closest of which lies c.900m to the north. All are of Industrial period date and are located within the town of Fishguard and in the adjacent Lower Town. The buildings are all Grade II Listed except for one which is Grade II*

PRN	Grade	Site Name	Period	NGR
5009	Grade II	Fishguard Town Hall	Post-medieval	SM 95791 36997
6509	Grade II*	Glyn Y Mel; Glynamel; Carn-Y-Garth	Post-medieval	SM 96612 36965
7243	Grade II	High Street No.41	Post-medieval	SM 95581 36849
7244	Grade II	Main Street Nos.3 And 5	Post-medieval	SM 9585 3703
17326	Grade II	St Mary The Virgin;St Mary's	Post-medieval	SM 95803 37042
17547	Grade II	Criney Bridge	Post-medieval	SM 9729 3582
18095	Grade II		Post-medieval	SM 9602 3706
20119	Grade II	Main Street	Post-medieval	SM 958 370
20120	Grade II	Hill Terrace	Post-medieval	SM 959 370
20123	Grade II	Main Street No.1	Post-medieval	SM 9583 3705
20124	Grade II	Compton House Hotel;Main Street Nos.7 And 9	Post-medieval	SM 95856 37044
20125	Grade II	Main Street	Post-medieval	SM 958 370
20128	Grade II	Main Street Nos.21 And 23	Post-medieval	SM 95931 37052
20129	Grade II	Globe;Main Street No.28	Post-medieval	SM 95908 37030
20130	Grade II	Fishguard Arms;Main Street No.24	Post-medieval	SM 95891 37029
20142	Grade II	Tower Hill;Tower House	Post-medieval	SM 9596 3704
20143	Grade II	Tower Hill;Talafor	Post-medieval	SM 9598 3705
20144	Grade II	West Street No.5	Post-medieval	SM 9570 3704
20157	Grade II	West Street No.2	Post-medieval	SM 9573 3704
20186	Grade II	Hermon Baptist Chapel. Fine large open-pedimental front, the pediment deeply overhanging on paired brackets and framing a wide arch.	Post-medieval	SM 95674 36903
20187	Grade II	High Street Nos.5 7 And 9	Post-medieval	SM 95733 36965
20188	Grade II		Post-medieval	SM 9590 3595
20189	Grade II	Tabernacle Independent	Post-medieval	SM 95915 36891
20191	Grade II	Hamilton Street Nos.7 And 9	Post-medieval	SM 95876 37000
20192	Grade II	Hamilton Street Nos.11 And 13	Post-medieval	SM 95878 36988
20193	Grade II	Hamilton Street No.4;Sycamore Lodge;Temperance Hotel	Post-medieval	SM 95861 37001
20194	Grade II	Hamilton Stores	Post-medieval	SM 95846 36949
20195	Grade II	High Street Nos.11 11a And 13	Post-medieval	SM 95720 36951
20196	Grade II	High Street No.15	Post-medieval	SM 95701 36934
20197	Grade II	High Street Nos.21a And 21	Post-medieval	SM 95683 36924
20198	Grade II	Unknown	Post-medieval	SM 9566 3692
20199	Grade II	High Street No.23	Post-medieval	SM 95644 36900
20200	Grade II	High Street No.39	Post-medieval	SM 9559 3686
20201	Grade II	High Street Nos.43-49 (Odd)	Post-medieval	SM 95570 36839

20209	Grade II	High Street No.12	Post-medieval	SM 9570 3696
20210	Grade II	High Street Nos.14 And 16	Post-medieval	SM 95701 36952
20211	Grade II	High Street Nos.20 And 22;Bennetts Tavern	Post-medieval	SM 95679 36941
20212	Grade II	High Street;Ship And Anchor	Post-medieval	SM 9564 3691
20213	Grade II	Llys Mair;High Street	Post-medieval	SM 95442 36797
20214	Grade II	Hottipass Street Nos.1 3 And 5	Post-medieval	SM 95965 36902
20215	Grade II	Kensington Street No.15;Kensington House	Post-medieval	SM 95964 36961
20216	Grade II	Kensington Street Nos.12 And 16-19 Incl.	Post-medieval	SM 95959 36915
20249	Grade II	Fishguard Town Hall	Post-medieval	SM 9579 3699
20250	Grade II	The Farmers' Arms	Post-medieval	SM 95781 36992
20251	Grade II	Market Square No.26;Royal Oak	Post-medieval	SM 9576 3704
20253	Grade II	Market Square Nos.15-20a	Post-medieval	SM 95751 36977
20254	Grade II	Parcysht	Post-medieval	SM 9581 3693
20255	Grade II	Park Street	Post-medieval	SM 959 369
20256	Grade II	Park Street Nos.2 4 And 6	Post-medieval	SM 95913 36922
20257	Grade II	Park House	Post-medieval	SM 95939 36920
20270	Grade II	Wallis Street No.29	Post-medieval	SM 9583 3682
20271	Grade II	Wallis Street Nos.8 And 10	Post-medieval	SM 9586 3688
20293	Grade II	Training Ship Skirmisher Fully described in Fishguard and Goodwick, Buildings of Special Architectural or Historic Interest. C19, former grain warehouse. Four stories, two doorways at base, that on the south wide and used for loading. At rear entrance to second floor form higher ground behind via a modern bridge. Much renovated for use as Cadets Headquarters. There is contemporary yard to the north shown on 1st edition 25" map. To the east was a possible wharf area 32128, also shown on 1st edition 25"map, also survey a limekiln 32152 to the west (but apparently only walled in the area of the kiln). It was ? by the modern 25" map and OS now further re? and ? a number of these to form a car park area for laying up boats. Further surveying as part of a ground survey of the harbour can be recommended. Not included in Moore-Colgers list. Remains apparently destroyed recently during the construction of a car park (local information).	Post-medieval	SM 96219 37147
20294	Grade II	Lower Town Bridge: Fully described in CADW's Fishguard and Goodwick, Buildings of Special Architectural or Historic Interest. There was presumably a bridge in existence here in Mediaeval Times (32137), but is uncertain from CADW's account whether the earliest recorded bridge was Mediaeval or a Med rebuild. this Old Bridge is shown on a tithe plan of 1844 and a Colt Hoare drawing of 1802. New bridge built 1875 (plaque on parapet). Single arch. Rusticated stone band above across width of bridge and capping of similar style on parapet. Parapets ? as splayed abutments at end, particularly on the west.	Post-medieval	SM 962 371
20295	Grade II	Bridge Street Nos.2 4 6 10 And 12	Post-medieval	SM 96325 37109
20296	Grade II	Cwm Cwsg;Glyn-Y-Mel	Post-medieval	SM 96524 36963
20298	Grade II	Glyn-Y-Mel Road	Post-medieval	SM 963 370
20299	Grade II	High Street No.59;Nevern House	Post-medieval	SM 95515 36800
20300	Grade II	High Street No.61	Post-medieval	SM 95510 36797

20301	Grade II	High Street No.65	Post-medieval	SM 9550 3679
20325	Grade II	Rose Cottage	Post-medieval	SM 9612 3676
20327	Grade II	Newport Road	Post-medieval	SM 963 372
20328	Grade II	Newport Road No.3;Ship Inn	Post-medieval	SM 963 371
20329	Grade II	Newport Road;Dinas Arms	Post-medieval	SM 963 371
20331	Grade II	Quay Street	Post-medieval	SM 961 372
20333	Grade II	Tower Hill Court House	Post-medieval	SM 9600 3705
20334	Grade II	Tower Hill Ardwyn House	Post-medieval	SM 9601 3706
20336	Grade II	Tower Hill Prospect House	Post-medieval	SM 9606 3704
24855	Grade II	Post Office	Post-medieval	SM 963 372
58586	Grade II	Nos 2 And 4 Bridge Street	Post-medieval	SM 96294 37099
58587	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 96314 37104
58588	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 96343 37118
58589	Grade II	20 And 22 Glyn-Y-Mel Road	Post-medieval	SM 96406 37033
58590	Grade II	Cleals	Post-medieval	SM 96478 36963
58592	Grade II	Mileplate In Forecourt Wall Of Hermon Chapel	Post-medieval	SM 95654 36912
58595	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95947 37063
58596	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95951 37069
58597	Grade II	Nos 4-8 (Consec) Hill Terrace	Post-medieval	SM 95977 37070
58598	Grade II	Bodlondeb	Post-medieval	SM 95975 36888
58599	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95943 36978
58600	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95944 36964
58601	Grade II	Inscribed Stone In St Mary's Churchyard	Post-medieval	SM 95792 37069
58602	Grade II	Railings To Churchyard Of Church Of St Mary	Post-medieval	SM 95802 37029
58603	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95829 37042
58604	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95839 37043
58605	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95847 37044
58606	Grade II	Sally Port	Post-medieval	SM 95869 37046
58607	Grade II	Manor House Hotel, wall gates and railings	Post-medieval	SM 95876 37048
58608	Grade II	Elim Lodge	Post-medieval	SM 95888 37048
58609	Grade II	Sail Cottage	Post-medieval	SM 95942 37055
58610	Grade II	Nos 16-20 (Even Nos) With No 1 Hamilton Street	Post-medieval	SM 95866 37028
58611	Grade II	Nos 22 To 26 (Even Nos) Main Street	Post-medieval	SM 95885 37030
58612	Grade II	Black Fox Bar	Post-medieval	SM 95921 37030
58614	Grade II	Nos 15 And 16	Post-medieval	SM 95768 36983
58615	Grade II	Nos 17 And 18	Post-medieval	SM 95760 36981
58616	Grade II	The Royal Oak	Post-medieval	SM 95762 37032
58617	Grade II	Nos 1-13 (Odd Nos) Newport Road	Post-medieval	SM 96338 37132
58618	Grade II	Nos 15 And 17 Newport Road	Post-medieval	SM 96333 37208
58619	Grade II	The Dinas Arms	Post-medieval	SM 96319 37190
58621	Grade II	Former Store Building	Post-medieval	SM 95812 36934
58622	Grade II	Walter Brearley House	Post-medieval	SM 95886 36929

58623	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95896 36925
58624	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95903 36924
58631	Grade II	Hill House	Post-medieval	SM 95952 37039
58633	Grade II	Talarfor	Post-medieval	SM 95986 37051
58634	Grade II	Court House, Front Railings And Gatepiers To Right	Post-medieval	SM 95998 37056
58635	Grade II	Ardwyn And Railings To Front	Post-medieval	SM 96009 37061
58636	Grade II	Capel Pentour, Including Forecourt Railings And Gates	Post-medieval	SM 96025 37063
58637	Grade II	Prospect House	Post-medieval	SM 96046 37036
58638	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95833 36816
58639	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95708 37037
59182	Grade II	Telephone Call-Box Adjoining No 2	Post-medieval	SM 96306 37189
59196	Grade II	No 32 Main Street	Post-medieval	SM 95929 37032
59197	Grade II	Vincent House	Post-medieval	SM 95937 37033
59413	Grade II	Listed Building	Post-medieval	SM 96392 37057
59760	Grade II	Listed Building; veterinary surgery	Post-medieval	SM 95569 36867
59761	Grade II	Nos 1 And 3 Hottipass Street	Post-medieval	SM 95970 36896
59763	Grade II	Emscote	Post-medieval	SM 95961 36910
59764	Grade II	Solway House	Post-medieval	SM 96332 37218
59765	Grade II	Nos 2 And 4 Bridge Street	Post-medieval	SM 96304 37102
59766	Grade II	The Ship Inn	Post-medieval	SM 96333 37143
59767	Grade II	Nos 1-13 (Odd Nos) Newport Road	Post-medieval	SM 96331 37177
59768	Grade II	Justin Cottage	Post-medieval	SM 96331 37185
59769	Grade II	Well Cottage/Bwthyn Ffynnon	Post-medieval	SM 96331 37193
59770	Grade II	Nos 10 And 12 Bridge Street	Post-medieval	SM9633137111
59772	Grade II	Nos 1-13 (Odd Nos) Newport Road	Post-medieval	SM9633137154
59773	Grade II	Bryn Haulwen	Post-medieval	SM 95970 37086
59774	Grade II	Moonstone	Post-medieval	SM 95965 37094
59775	Grade II	Nos 4-8 (Consec) Hill Terrace	Post-medieval	SM 95962 37101
59776	Grade II	Nos 30 And 30a Main Street	Post-medieval	SM 95921 37034
59777	Grade II	Nos 22 To 26 (Even Nos) Main Street	Post-medieval	SM 95896 37029
59778	Grade II	Nos 16-20 (Even Nos) With No 1 Hamilton Street	Post-medieval	SM 95874 37029
59779	Grade II	Nos 16-20 (Even Nos) With No 1 Hamilton Street	Post-medieval	SM 95880 37029
59780	Grade II	Nos 14 And 16 High Street	Post-medieval	SM 95695 36947
59781	Grade II	Llys-Teg	Post-medieval	SM 95561 36833
59782	Grade II	Nos 43-49 (Odd Nos) High Street, Including Front Garden Walls To Nos 43, 45 And 49 Railings And Gates	Post-medieval	SM 95554 36828
59783	Grade II	Old Pump House	Post-medieval	SM 95548 36823
59784	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95461 36761
59785	Grade II	No 21 And No 21a High Street	Post-medieval	SM 95690 36928
59786	Grade II	Nos. 11, 11a And 13 High Street	Post-medieval	SM 95717 36948
59787	Grade II	Nos. 11, 11a And 13 High Street	Post-medieval	SM 95715 36943
59788	Grade II	Nos. 5, 7 And 9 High Street	Post-medieval	SM 95729 36961

59789	Grade II	Nos. 5, 7 And 9 High Street	Post-medieval	SM 95723 36956
59790	Grade II	Nos 1-13 (Odd Nos) Newport Road	Post-medieval	SM 96331 37166
59791	Grade II	Nos 7 And 9 Hamilton Street	Post-medieval	SM 95877 36994
59792	Grade II	Nos 11 And 13 Hamilton Street	Post-medieval	SM 95878 36982
59794	Grade II	20 And 22 Glyn-Y-Mel Road	Post-medieval	SM 96401 37028
59795	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95873 37014
59796	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95874 37007
59799	Grade II	Nos 4-8 (Consec) Hill Terrace	Post-medieval	SM 95973 37077
59802	Grade II	Ty Twt	Post-medieval	SM 95872 37022
59805	Grade II	Halifax Building Society	Post-medieval	SM 95717 37056
59806	Grade II	Listed Building In Fishguard And Goodwick Community	Post-medieval	SM 95473 36775

Table 3: Listed buildings within a 2km radius of proposed wind turbine site.

Proposed Wind Turbine at Trebover Farm, Llanychaer, Pembrokeshire:
Historic Environment Appraisal

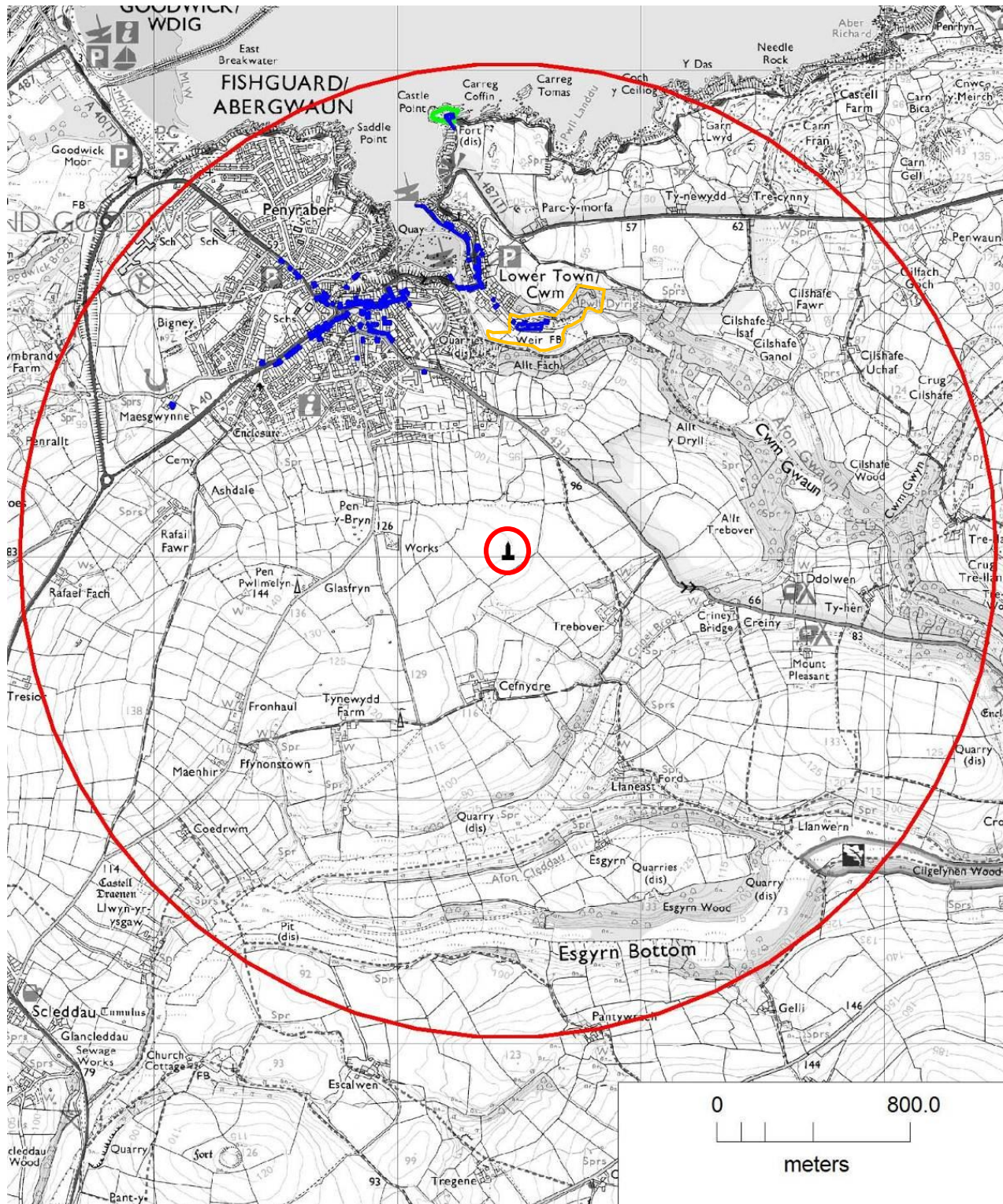


Figure 2: Map showing Listed Buildings (blue), the SAM (green) and Historic Park and Garden (orange) within 2km of the proposed wind turbine.

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4.4 Known Archaeological Remains

4.4.1 The following tables list the features that are recorded in the Regional HER and on the National Monuments Record (NMR). Both the Regional HER and NMR record 28 sites of archaeological interest. The distribution of the sites recorded on the Regional HER is shown in Figure 3. None of the sites are located within the area of the proposed wind turbine.

PRN	Site Name	Summary	Period	NGR
2438	Caerau Y	19th century sources suggest that a prehistoric burial site was known here, indeed funerary urns were reported from here in 1855. No evidence for a burial barrow has been recorded in modern times however.	Bronze Age	SM 968 367
2531	Maenhir	Place name	Bronze Age	SM 9584 3615
2534	Caerau Y	Earthworks of unknown significance.	Unknown	SM 9686 3673
2539	Caerau Y	Find spot	Roman	SM 9686 3673
2540	Caerau Y	Place name. Possible defended enclosure	Iron Age	SM 967 366
2555	Glyn Y Mel	Find spot	Bronze Age	SM 96 36
2562	Glyn Y Mel	Richard Fenton recorded in 1811 that a possible chambered tomb existed here. Not visited by Cambria's PFRS project in 2003.	Neolithic	SM 966 369
8996	Troed-Y-Rhiw	Record of cottage in less than perfect condition in 1979	Post-medieval	SM 9731 3582
10000	Heol Preseli	Find spots	Roman, Iron Age	SM 957 367
11356	Glynymel	Find spot	Unknown	SM 96 36
12530	Lower Town(Cwm)	Medieval water mill	Medieval	SM 96 36
14035	The Old Pound	Common land	Post-medieval, Medieval	SM 958 367
14037	The Mwsland	Common land	Post-medieval, Medieval	SM 963 370
17541	Pistyll Hotch;Mwsland	Quarry	Post-medieval	SM 9620 3690
17542	Blaen-Y-Delyn	Large complex consisting of several quarries linked by trackways recorded on the Ordnance Survey 1st edition (1889).	Post-medieval	SM 9630 3680
17547	Criney Bridge	Bridge	Post-medieval	SM 9729 3582
18121	Tannery	Tannery	Post-medieval	SM 96145 36838
18125	Gravel pit	Gravel pit	Post-medieval	SM 96630 36554
18130	Quarry	Quarry	Post-medieval	SM 962 366
30832	Quarries	Three disused quarries, working in 1888 and 1905.	Post-medieval	SM 9628 3697
46456	Castell Mwrtach	Small quarry shown as Old Quarry on 1st edition Ordnance Survey 1:10560 map (Pembrokeshire sheet IX.NE) published in 1891. Not shown on the 1908 2nd edition map.	Post-medieval	SM 9572 3653
46457	Blaen-Y-Delyn	Quarry first shown on Ordnance Survey 2nd edition 1:10560 map (Pembrokeshire sheet IX.NE). Marked as Old Gravel Pit on the revised edition Ordnance Survey 1:2500 map (Pembrokeshire sheet IX.4) published in 1937.	Post-medieval	SM 9632 3661
46458	Blaen-Y-Delyn	Old Gravel Pit marked on Ordnance Survey 1st edition 1:10560 map (Pembrokeshire sheet	Post-medieval	SM 9637 3654

		IX.NE) of 1891. Shown as a quarry on the 2nd edition maps published in 1908, suggesting that the quarry was re-opened around the beginning of the 20th century. It was still marked, and presumably being worked, as a quarry by the time of the 1937 Ordnance Survey revised edition map (Pembrokeshire sheet IX.4).		
46459	Maenhir	Gravel pit	Post-medieval	SM 9591 3613
46460	Maenhir	Old Quarry shown on Ordnance Survey 2nd edition 1:10560 (Pembrokeshire sheet IX.NE) published in 1908, but not shown on subsequent editions.	Post-medieval	SM 95830 36109
100119	Pistyll Hoch; Well?	The name Pistyll Hoch is given at this location at the head of a spring on the Ordnance Survey 1st edition map (1889), possibly identifying the site of a well. Present status uncertain.	Unknown	SN 9624 3695
100120	Well	The Ordnance Survey 1st edition (1889) records a well here. The well is still identified on the recent Ordnance Survey mapping.	Post-Medieval	SN 9619 3689
100321	Well	A well is recorded at this location on the 1st edition Ordnance Survey map (1889). The well is no longer marked on the recent Ordnance Survey mapping. Present condition unknown.	Post-Medieval	SN96965 35965

Table 4: HER sites within 1km of the proposed extension area, excluding listed buildings.

NPRN	Site Name	Summary	Period	NGR
22176	Hottipass Street, 5	Early to mid 19th century. Cement gabled roof. 6 panelled door with shallow fanlight.	Post Medieval?	SM 95975 36888
22175	Hottipass Street, 1 & 3	Early to mid 19th century. 2 storeys. No. 1 has front elevation of 3 bays. Pebbledash. No. 2 has front elevation of 2 bays and centre doorway. Stuccoed.	Post Medieval?	SM 95967 36899
21793	Cleals - Entrance Piers	19th century. Tall piers of stone rubble with capping, flanking original entrance to Glyn y Mel.	Post Medieval?	SM 96488 36958
10935	Tabernacl Welsh Independent Chapel :Tabernacle, Park Street, Upper Fishguard	Tabernacl Independent Chapel was first built in 1796 and rebuilt in 1845. The present chapel, dated 1845, is built in the Sub-Classical style with a gable-entry plan, half-hipped roof, two storeys and flat-headed windows surmounted by blind fan-heads to both storeys. The central door with is fanlight over, has a gabled surround housing a datestone inscribed 'Tabernacle Independent Chapel 1845'. The interior however dates from a complete refurbishment started in 1925, but due to the first world war not completed until 1924. The gallery front is ornately decorated with Neo-18th century detail, fashioned both from hardwood and plaster of paris moulded to match the more expensive material. The pulpit is a half round projection on a semi-octagonal base, detailed with columns and classical motifs and accessed by stairs to either side. The later work on 1924 included the insertion of the pipe organ to the rear of the pulpit. Tabernacl is now Grade 2 Listed for its distinctive richly ornamented interior.	Post Medieval	SM 95916 36891
21969	Glyn-Y-Mel Road, 20	Early to mid 19th century. 2 storeys. Whitewashed stone rubble walls.	Post Medieval?	SM 96406 37033
21966	Glyn-Y-Mel Cottage; Cwm Cwsgi	19th century. L-shaped. Stone rubble walls. 2 storeys.	Post Medieval?	SM 96525 36963
21965	Glyn-Y-Mel, Entrance Piers And Garden	Piers of stone rubble, with castellated capping.	Post Medieval?	SM 96476 36970

21964	Glyn-Y-Mel; Plas Glyn-Y-Mel; Glynymel	House built late 18th century by Richard Fenton.	Post Medieval	SM 96612 36965
22177	Hottipass Street, 17	House	Post Medieval?	SM 96003 36852
22205	Kensington Street, 17 & 19	Early to mid 19th century. 2 storeys. Cemented slate gabled roofs with red brick stacks.	Post Medieval?	SM 95960 36913
22203	Kensington Street, 15; Kensington House	Early to mid 19th century. 2 storeys. Cemented slate gabled roof. Pebbledash cladding. Cemented headed openings.	Post Medieval?	SM 95964 36961
309754	Caerau, Y, 'British Town'	Turf-covered remains of a rectangular, stone-built structure, about 25m NNW-SSE by 15m, much robbed internally, exposed stones show signs of burning; slate fragments occur in molehills around the site: the building rests on a pronounced east-facing lynchet, part of a relict, rectilinear field system that extends over an area of some 200m north-east to south-west by 100m, across generally north-facing slopes. Can be identified with the 'extensive foundations of old walls' noted in the mid 19 th century (Pughe 1855, 271); records of an enclosure (RCAHM 1925, 94, No.239; Crossley 1963, 200, No.27) may refer to a site to the west known as 'Hendinas', mentioned by Pughe, to which notice of Roman coins & sepulchral urns may also refer (possibly Nprn305161).	Unknown	SM 96780 36660
30017	Park House	Early to mid 19th century, 2 storeys, pebbledash cladding, front elevation of 3 bays with cemented slate gabled roof and stone flanking stacks.	Post Medieval?	SM 95939 36920
30020	Park Street 4	Early to mid 19th century, 2 storeys, centre doorway with fanlight.	Post Medieval?	SM 95903 36924
30021	Park Street 6	Early to mid 19th century, 2 storeys, cement rendered cladding with quoins.	Post Medieval?	SM 95913 36922
30163	Rose Cottage	Early to mid 19th century, 2 storeys, modern concrete tile roof, pebbledash cladding.	Post Medieval?	SM 96108 36759
30022	Park Street, Wh George And Sons	18th to 19th century, 2 storeys, 3 bays, slate gabled roof with rendered flanking stacks.	Post Medieval?	SM 95887 36927
30019	Park Street 2	Early to mid 19th century, 2 storeys, cemented roof, stucco, 2 bays at front elevation.	Post Medieval?	SM 95896 36925
30377	Wallis Street 29	Late 18th century to mid 19th century, cemented slate gable roof with low flanking stacks. Rough plastered front wall.	Post Medieval?	SM 95833 36816
30376	Wallis Street 8 And 10	Late 18th to mid 19th century, 2 storeys.	Post Medieval?	SM 95856 36889
265233	Cefn-Y-Dre, Garden, Fishguard	This garden is depicted on the Second Edition Ordnance Survey 25-inch map of Pembrokeshire IX, sheet 8 (1907). Its main elements on that map include a possible walled garden, quadrangular enclosure and pond.	Post Medieval	SM 96388 35438
86007	Glyn-Y-Mel, Garden, Fishguard	1. Originally the home of Richard Fenton (1747-1821) the county historian, author of A Historical Tour Through Pembrokeshire (London, 1811). Pembs Inventory no 247 and illus fig 108 (cave of St Dyfrig) CSB 20 ix 99; Glyn y Mel; Plas Glyn y Mel PGW Dy 22 86007 2. The home of Richard Fenton, barrister, county historian and archaeologist. The original site had a Picturesque garden enhanced by the steep cliff-side of Fishguard old town. It was enjoyed along contrived walks cut (1799-1805) into the slopes behind (N) of the house. There are terraces and a small garden surrounding the house and river meadow flanking the Afon Gwaun. The addition of 'Plas' is recent.		SM 96606 36944

		On the first 25 inch OS plans the site is shown to have several glasshouses set mainly in the probable kitchen garden. There is even more glass on the 2nd edition. Now part of the garden has become a swimming pool. 3. This garden is depicted on the Second Edition Ordnance Survey 25-inch map of Pembrokeshire IX, sheet 4 (1907).		
21679	Bryncoed, Plas-Y-Fron, Fishguard	Building	Post Medieval	SM 96172 36741
21792	Cleals	Early to mid 19th century. Stone rubble walls, now 2 storey. Gabled roof with modern corrugated cladding.	Post Medieval?	SM 96478 36964
22573	Glyn-Y-Mel, Kitchen Garden Walls, Fishguard	1. Early to mid 19th century. See Glyn y Mel for information. 2. This garden wall is depicted on the Second Edition Ordnance Survey 25-inch map of Pembrokeshire IX, sheet 4 (1907).	Post Medieval	SM 96574 36936
22015	Greenwood House, Park Street	House	Post Medieval	SM 95913 36922
21971	Glyn-Y-Mel Road, 23	18th century. 1 storey and attic. 2 bays and centre door bay. Cement grouted gable roof.	Post Medieval?	SM 96392 37057
21970	Glyn-Y-Mel Road, 22	Early to mid 19th century. Whitewashed stone rubble walls.	Post Medieval?	SM 96401 37028

Table 5: RCAHMW NMR sites within 1km of the proposed wind turbine.

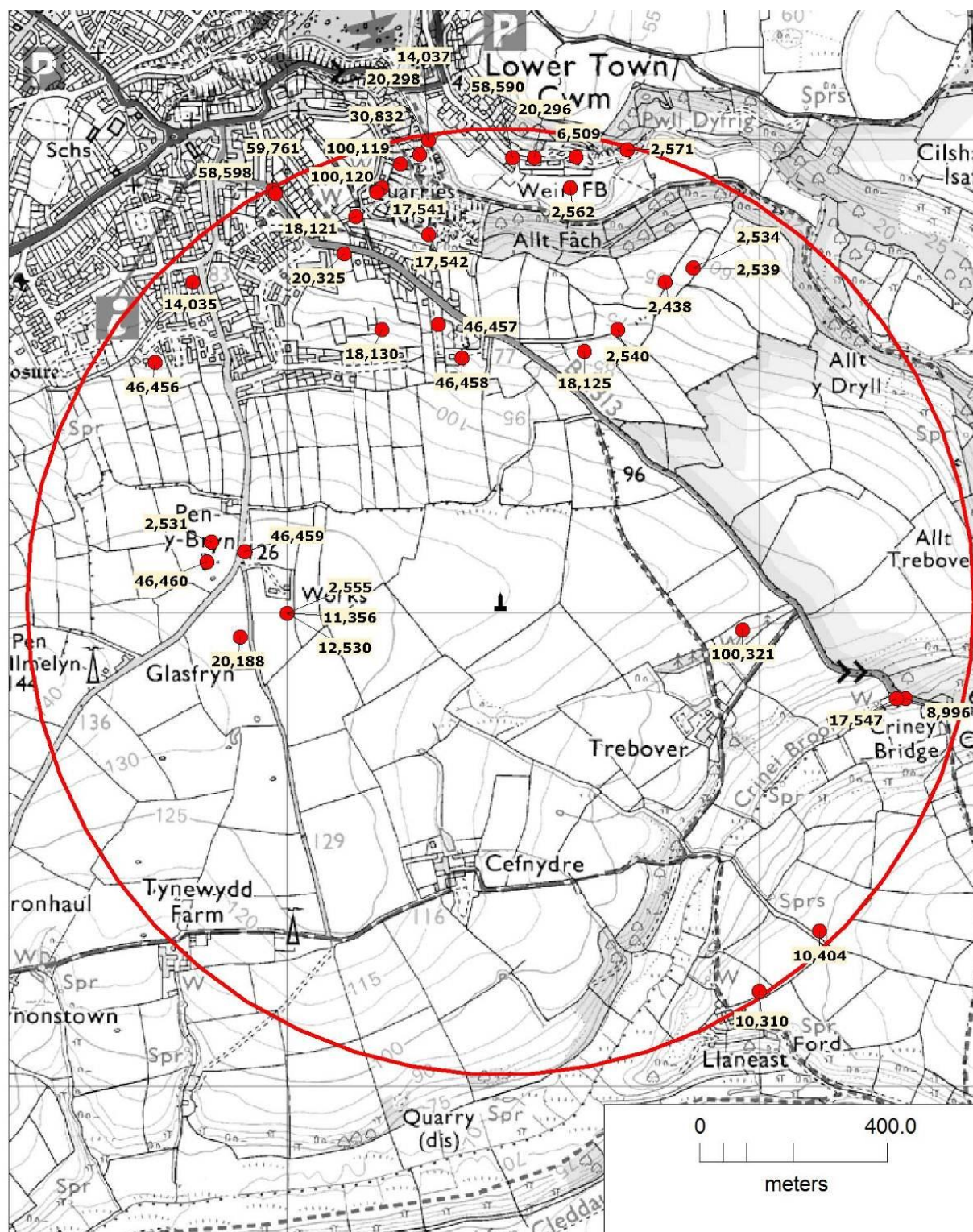


Figure 3: Map showing HER sites within 1km of the proposed wind turbine site labelled with their PRN numbers.

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4.5 Historic mapping

- 4.5.1 The 1814 Original Ordnance Surveyors drawings indicate the proposed location for the wind turbine was undeveloped land at that time. This continues on both the 1st and 2nd edition Ordnance Survey maps (of 1889 and 1907 respectively; Figures 5 and 6) although the area is shown in much greater detail. The only change visible on modern Ordnance Survey maps is the removal of a field boundary on the southeastern side of the field in which the proposed wind turbine it to be located. It is likely that the site area has probably been used as agricultural land since the medieval period.



Figure 4: Extract of 1814 Original OS Surveyors drawings showing location of proposed wind turbine.

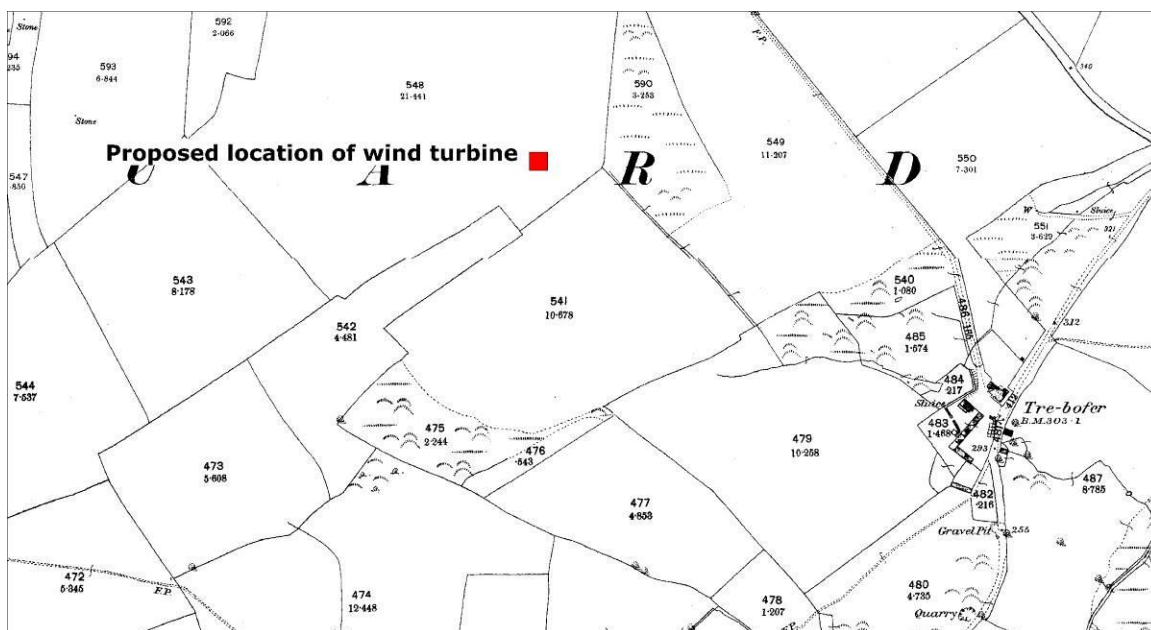


Figure 5: Extract of 1889 1:2500 OS map showing location of proposed wind turbine.

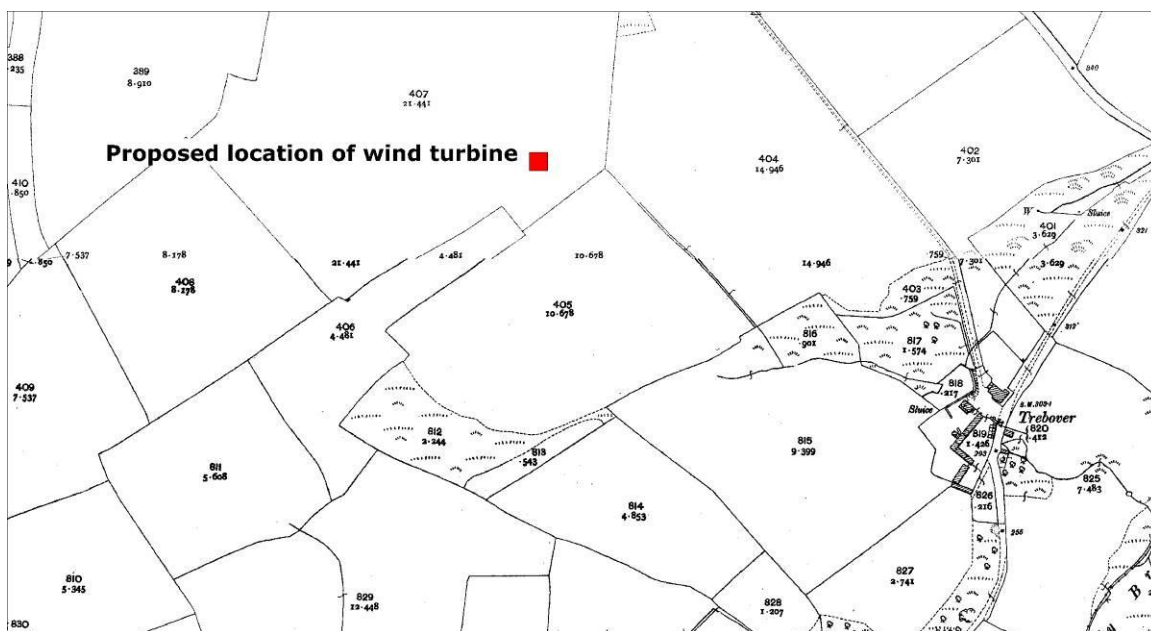


Figure 6: Extract of 1907 1:2500 OS map showing location of proposed wind turbine.

4.6 Site Walkover Survey

- 4.6.1 The field within which the proposed wind turbine is located was under a crop of maize during the site visit which resulted in limited access to the area (Photos 1 to 6).
- 4.6.2 The landscape is one of fields and dispersed farms and other dwellings/buildings. It is a relatively open landscape, with the field bounded by earthen banks. It was not possible to view the town of Fishguard from the vicinity of the proposed wind turbine site but it was possible to view the upper part of Goodwick.
- 4.6.3 No new archaeological sites were identified during the course of the site visit.
- 4.6.4 It is possible to view the top of the hill on which it is proposed to locate the wind turbine from the Castle Point fort SAM and from the upper parts of Fishguard. But the actual site for the wind turbine is not visible as it lies below the crest of the hill. There seems to be very limited if any views back from the majority of listed buildings within Fishguard to the wind turbine site. It was not possible to view the Plas Glan y Mel Historic Park and Garden from the proposed wind turbine site. As far as can be ascertained and given that the turbine is to be sited on the southern side of the hill crest it is unlikely that it would have a significant visual effect on any SAMs, Listed Buildings, the Historic Park and Garden, the HLC area to the northwest or other archaeological resources within the search area.

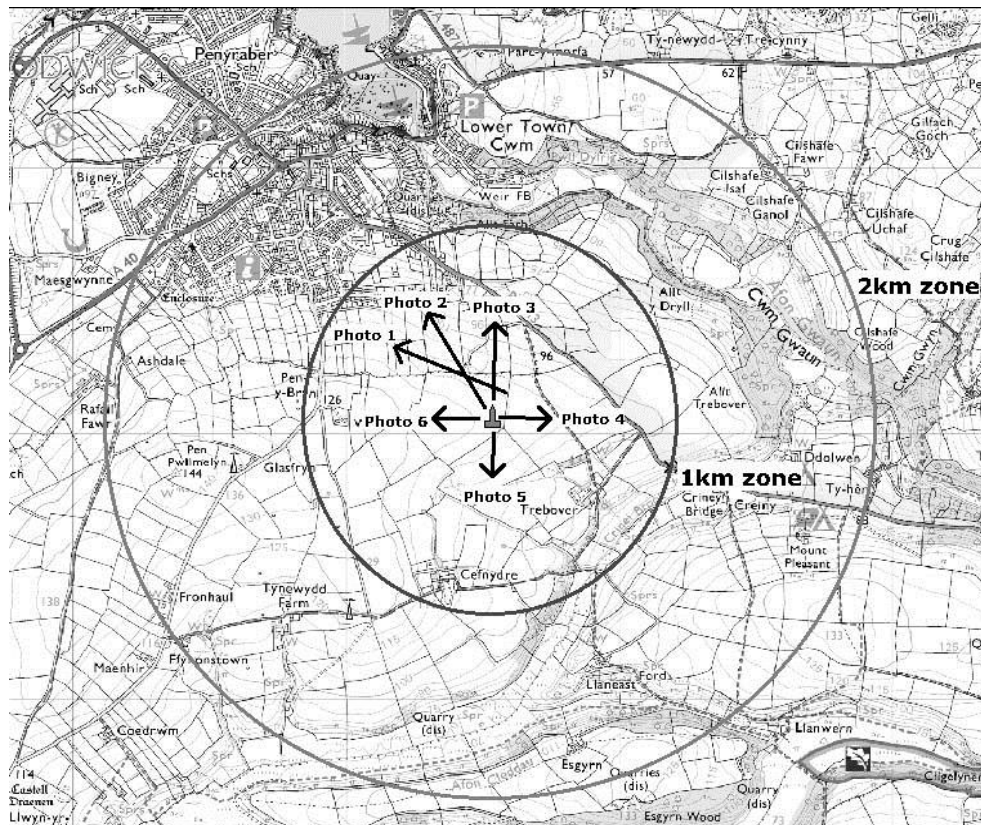


Figure 7: Map showing the location of photographs.

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Photo 1: View towards Fishguard and Goodwick from proposed wind turbine site.



Photo 2: View of Fishguard Harbour from east side of field for proposed wind turbine.



Photo 3: View north from proposed wind turbine site.

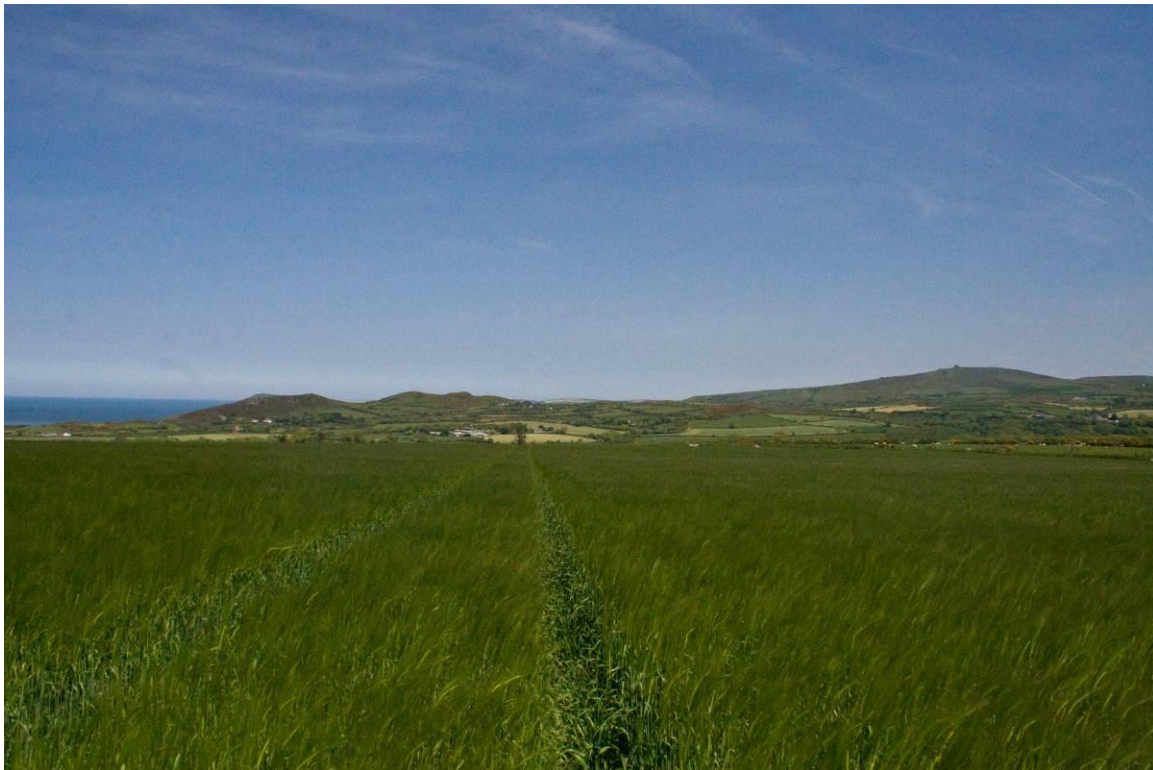


Photo 4: View east from proposed wind turbine site.

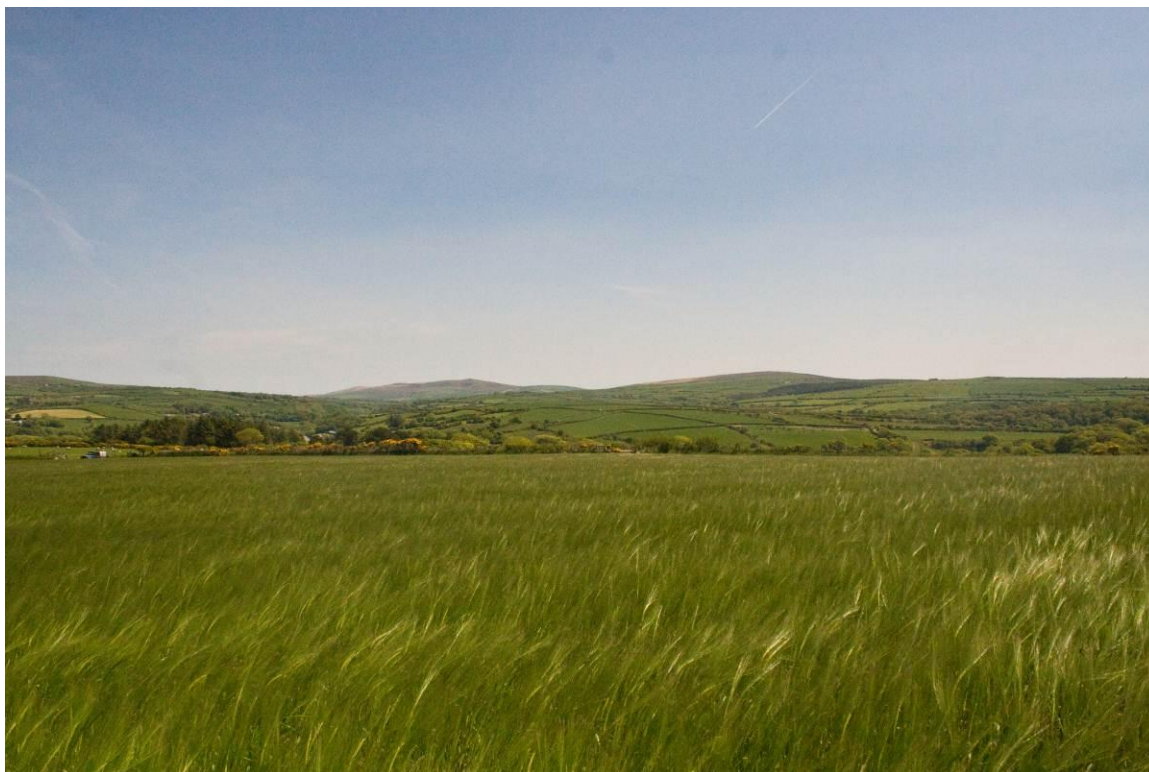


Photo 5: View south from proposed wind turbine site.

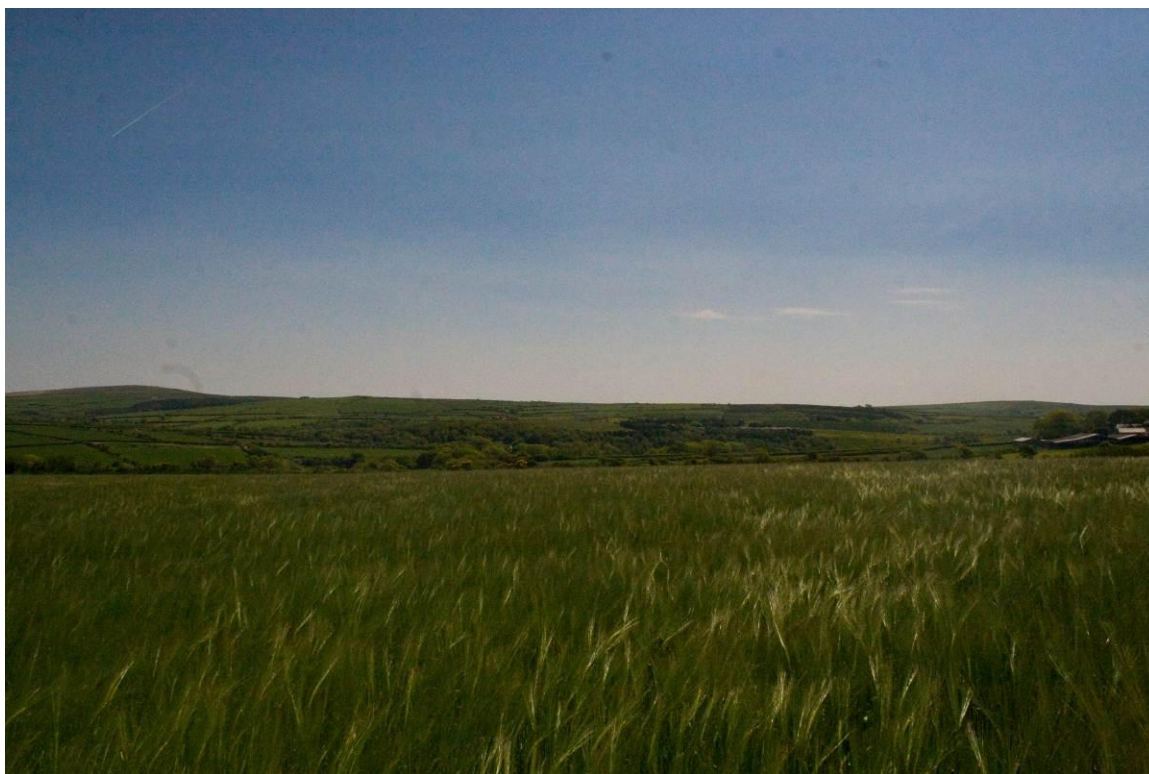


Photo 6: View west from proposed wind turbine site.

5. IMPACTS OF THE PROPOSED EXTENSION ON THE HISTORIC ENVIRONMENT

5.1 Physical impacts

- 5.1.1 There will be no physical impacts on any known archaeology within the development site.

5.2 Buried archaeological potential

- 5.2.1 The archaeological potential for hitherto unknown archaeological sites to be present within the proposed development area is considered to be low; this is due to a paucity of other known archaeological sites in the immediate vicinity.

5.3 Palaeoenvironmental potential

- 5.3.1 The hilltop location of the proposed wind turbine is unlikely to have any potential to reveal substantial deposits suitable for palaeo-environmental analysis.

5.4 Visual impacts

- 5.4.1 The nearest Scheduled Ancient Monument (PRN 5015 / SAM PE096) is c.1.8km to the north of the location of the proposed wind turbine and the nearest listed building (PRN 20270) c.1km to the north west.
- 5.4.2 The closest undesignated site is a post medieval well (PRN 100321) which lies in woodland c.400m to the east of site for the proposed wind turbine. Three further sites are recorded lying c.390m to the west of the site, a Bronze Age find spot (PRN 2555); an unknown findspot (PRN 11356) and a medieval watermill (PRN 12530). The precise location for these sites is not known although they are thought to lie within the general vicinity. There are no physical remains of these findspots on the ground which could be affected by the wind turbine proposals. Given the well lies within woodland it is unlikely that the proposed wind turbine would have any visual effect upon its setting.
- 5.4.3 The town of Fishguard was not visible at ground level from the proposed wind turbine site, but Goodwick which lies within a CCW Historic Landscape Categorisation area c.3km to the northwest is visible. Although the wind turbine would be relatively tall, given that it is proposed to lie below the crest of the hill on its southern side, it is considered that it would have a minimal visual impact on both Fishguard and Goodwick.
- 5.4.4 The Plas Glan y Mel Historic Park and Garden is not visible from the proposed wind turbine site.
- 5.4.5 The SAM of Castle Point fort is not visible from the proposed wind turbine site at ground level, but whilst the top of the hill on which the turbine will be located is visible from the SAM site the actual site for the proposed wind turbine is not. The visual impact of the turbine on the SAM is considered to be slight.

5.5 Other Constraints

- 5.5.1 The site does not lie in an area of ancient woodland or within farmland within the Glastir scheme.
- 5.5.2 There were no other wind turbines visible in close proximity to the proposed turbine site. It is unknown if any other turbines are proposed for this area in separate planning applications.

5.6 Summary of Impacts

- 5.6.1 It is considered that the proposed wind turbine will overall have a slight impact on the wider historic environment in terms of visual issues and it is unlikely that these would cause any constraint to the proposals.
- 5.6.2 There is considered to be a low potential that the turbine and associated works would impact upon buried archaeological remains, and thus it is unlikely that any further archaeological investigations would be needed.
- 5.6.3 The decision for any further programme of archaeological works lies with the Archaeological Advisor to the Local Planning Authority.

6. SOURCES

Published

Cadw 1998. *Register of Landscapes of Outstanding Historic Interest in Wales*.

Database

Dyfed Archaeological Trust Historic Environment Record, housed with Dyfed Archaeological Trust in The Shire Hall, Llandeilo, Carmarthenshire, SA19 6AF

COFLEIN, online database for the National Monuments Record of Wales (NMRW), provided by The Royal Commission on the Ancient and Historical Monuments of Wales

Cartographic

Ordnance Survey Original Surveyor's Drawings 1814 Fishguard

Ordnance Survey 1889 1:2500 1st edition Pembrokeshire

Ordnance Survey 1907 1:2500 2nd edition Pembrokeshire

Aerial Photographs

Next Perspectives – digital aerial photographs held by the Dyfed Historic Environment Record.

Get Mapping - digital aerial photographs held by the Dyfed Historic Environment Record.

APPENDIX 1:
TREBOVER FARM, NEAR FISHGUARD, PEMBROKESHIRE:
HISTORIC ENVIRONMENT APPRAISAL:
WRITTEN SCHEME OF INVESTIGATION

1 Introduction

- 1.1 This written scheme of investigation presents a proposed methodology for a historic environment appraisal for a proposed wind turbine at Trebover Farm, Llanychaer, near Fishguard, Pembrokeshire (NGR SM 196452 236024). The appraisal has been requested by James Mountain of Hallmark Green Power on behalf of Transition Bro Gwaun prior to the planning application for the wind turbine being submitted to Pembrokeshire County Council.
- 1.2 A generic brief for the required historic environment appraisal has been prepared by the archaeological advisors to the local planning authority, Planning Services of Dyfed Archaeological Trust. This document outlines the proposed methodology that will be used to undertake the appraisal and provide the information required in support of the planning application for the development.
- 1.3 The appraisal will be a primarily desk-based study of the site area, identifying any known archaeological or historical sites within the site and its environs, identifying potential setting impacts on scheduled ancient monuments or listed buildings in the vicinity, identifying any historic landscape areas that may be affected by the proposals and assessing the potential for hitherto unknown archaeological remains to be present within the proposed development area.
- 1.4 An indication of what further archaeological works might be required, if any, will also be prepared.
- 1.5 The specification is in accordance with the *Standard and Guidance for Archaeological Desk-Based Assessments* (Institute for Archaeologists (IfA), 1994, revised 2001).
- 1.6 The Trust always operates to best professional practice. Dyfed Archaeological Trust Field Services has its own Health and Safety Policy, and all works are covered by appropriate Employer's Liability and Public Liability Insurances. Copies of all are available on request.
- 1.7 ***Dyfed Archaeological Trust is an IfA Registered Archaeological Organisation.***
- 1.8 ***All permanent staff members of Dyfed Archaeological Trust Field Services are CSCS³ registered.***

³ Construction Skills Certification Scheme (Health and Safety Tested)

2. AIM AND OBJECTIVES OF THE PROJECT

2.1 This document provides a scheme of works for:

The preparation of a historic environment appraisal for a proposed wind turbine at Trebover Farm, near Fishguard, Pembrokeshire (NGR SM 196452 236024). The report will assess the potential impact the development may have on any underlying archaeological remains, if present within the area, and an assessment of the wider impact of it on the historic environment. The assessment shall be presented within a report which will be submitted with the planning application for the wind turbine.

2.2 Provision of a written scheme of investigation to outline the methodology by which Dyfed Archaeological Trust Field Services will undertake appraisal.

2.2 To identify any known archaeological remains and assess the potential of any hitherto unknown archaeological deposits within the location of the water treatment works and any associated infrastructure.

2.3 To identify any known historic environment features within the wider area that could be affected indirectly by the proposed works.

3. HISTORIC ENVIRONMENT APPRAISAL Methodology

3.1 The historic environment appraisal will involve the preparation of a stand-alone report. The report will be prepared using relevant information from a number of sources, and will comprise a number of elements, including:

- Dyfed Archaeological Trust Historic Environment Record data and other relevant information (including a review of online information held on the RCAHMS Coflein site);
- Identification of any Scheduled Ancient Monuments, Listed Buildings, Conservation Areas or Historic Landscape Areas within or in the vicinity of the site area from information held by Dyfed Archaeological Trust, CADW and CCW;
- Readily available bibliographic information, cartographic material and photographs (including aerial photographs) held at the Trust;
- A review of historic maps;
- Relevant web-based information;
- Site visit and walkover survey;
- Assessment of the archaeological potential of the area; and
- Assessment of likely impacts on any identified remains (or potential remains) or setting issues and likely requirements, if any, for further stages of archaeological work.

3.2 The proposed site visit would be undertaken to provide an assessment of the presence of any visible archaeological remains within the development area and its visibility from nearby cultural heritage features. Photographs will be taken of the site area and its environs and these will be used within the report.

- 3.3 A 2km search area will be used to determine the presence of historic environment features within the site location for and vicinity of the water treatment works. This will identify HER sites, SAMs, Listed Buildings and Historic Landscape Characterisation areas etc.
- 3.4 The following will be considered when preparing the assessment, although in some cases no such features may be present and will thus not be considered further:
- a. Scheduled Ancient Monuments {SAMs} and their settings;
 - b. Non-scheduled ancient monuments and their settings;
 - c. Listed buildings and their settings;
 - d. Non statutory Buildings of Local Importance, where this information is readily available and relevant to the proposed development;
 - e. Registered Parks and Gardens and their essential settings;
 - f. Registered Historic Landscapes;
 - g. Non-registered historic landscapes;
 - h. Buried archaeological potential;
 - i. Palaeo-environmental potential;
 - j. Hedgerows and field patterns;
 - k. Ancient woodland;
 - l. Place-name evidence;
 - m. Newly identified sites of historic importance;
 - n. Cumulative impacts, e.g. wind turbines in close proximity;
 - o. Any Tir Gofal interests or requirements (where relevant); and
 - p. LANDMAP and landscape characterisation information.
- 3.5 A report will be prepared on the results of the assessment. This report will include information on known sites within and in the vicinity of the proposed development site. Maps of known archaeological and historical sites will be presented in the report. Photographs will be used where appropriate.
- 3.6 The report will be fully representative of the information gained from the above methodology, even if there should be negative evidence. The report will include the following:
- a) A concise non-technical summary of the appraisal results.
 - b) The report will contain at least one plan showing the site's location in respect to the local topography.
 - c) The report should list all the sources consulted.
 - d) Where necessary, the report will also contain suitably selected plans and maps (including historic maps) of significant archaeological features.
 - e) Written descriptions of all archaeological features observed during the site visit.

- f) Statement of the local and regional context of the historic assets identified. Consideration, where appropriate, of the national Research Agenda.
 - g) An assessment of the relative value or significance of each recognised historic asset.
 - h) An impact assessment of the proposed development on the potential archaeological resource.
- 3.7 Once completed, a copy of the report will be submitted to the LPA for the consideration of their archaeological advisers. A further copy of the report should be provided to the Dyfed Archaeological Trust for deposition within the Regional Historic Environment Record (HER).
- 3.8 Where appropriate, a summary report on any new significant archaeological discovery will be submitted for publication to a national journal (e.g. Archaeology in Wales) no later than one year after the completion of the work.
- 3.9 Although there may be a period during which client confidentiality should be maintained, the report and the archive should normally be deposited in the appropriate repository not later than six months after completion of the work.

4 STAFF

- 4.1 The project will be managed by J Meek MIFA, Head of Field Services.
- 4.2 The report and site walkover survey will be undertaken by Simon Ratty, an experienced member of Field Services staff.

5. HEALTH AND SAFETY

- 5.1 All permanent members of Dyfed Archaeological Trust Field Services staff are CSCS⁴ registered.
- 5.2 Dyfed Archaeological Trust Field Services will carry out a health and safety risk assessment prior to the site walkover survey to ensure that all potential risks are minimised.
- 5.3 All relevant health and safety regulations must be followed where advised by the client.
- 5.4 As the site visit will likely be undertaken by a single archaeologist, it may be necessary to implement lone working procedures and contacts.

⁴ Construction Skills Certification Scheme (Health and Safety Tested)

PROPOSED WIND TURBINE AT TREBOVER FARM, LLANYCHAER , PEMBROKESHIRE: HISTORIC ENVIRONMENT APPRAISAL

RHIF YR ADRODDIAD / REPORT NO. 2013/47
RHIF Y DIGWYDDIAD/ PROJECT RECORD NO.105658

Mehefin 2013
June 2013

Paratowyd yr adroddiad hwn gan / This report has been prepared by:
Simon Ratty

Swydd / Position: **Archaeologist**

Llofnod / Signature Dyddiad / Date 12/06/13

Mae'r adroddiad hwn wedi ei gael yn gywir a derbyn sêl bendith

This report has been checked and approved by:
James Meek

ar ran Ymddiriedolaeth Archaeolegol Dyfed Cyf.
on behalf of Dyfed Archaeological Trust Ltd.

Swydd / Position: **Head of Field Services**

Llofnod / Signature Dyddiad / Date 12/06/13

*Yn unol â'n nôd i roddi gwasanaeth o ansawdd uchel, croesawn unrhyw sylwadau
sydd gennych ar gynnwys neu strwythur yr adroddiad hwn*

*As part of our desire to provide a quality service we would welcome any comments
you may have on the content or presentation of this report*

