# DESIGN AND ACCESS STATEMENT

Erection of a 55,000 Bird Broiler Unit At Llwyngwilym Rhayader Powys LD6 5NS

Prepared for H & E Powell



land & property professionals

Roger Parry & Partners LLP www.rogerparry.net gail@rogerparry.net **Tel: 01691 655334** 

# Contents

1.0	BACKGROUND4
2.0	PROPOSAL AND CHARACTER5
3.0	SITE AND SCALE7
4.0	LANDSCAPING7
5.0	BUILDING DESIGN
	VEHICLE MOVEMENTS AND MOVEMENT TO, FROM AND WITHIN DEVELOPMENT
7.0	VEHICLE ROUTING9
8.0	DRAINAGE9
9.0	MANURE STORAGE & DISPOSAL9
10.0	PRE PLANNING CONSULTATION9
11.0	CLEANING OUT9
12.0	EMISSIONS10
13.0	NOISE / ODOUR MANAGEMENT10
14.0	QUALITY STANDARDS15
15.0	DEAD BIRD MANAGEMENT & PEST CONTROL16
16.0	POLICY CONTEXT16
17.0	ACCESS STATEMENT25
18.0	COMMUNITY SAFETY26
19.0	ENVIRONMENTAL DESIGN STATEMENT



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

20.0	PHYSICAL CONTEXT OF THE DEVELOPMENT	28
21.0	SOCIAL CONTEXT OF THE DEVELOPMENT	28
22.0	ECONOMIC CONTEXT OF THE DEVELOPMENT	28
23.0	CONCLUSION	29



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

#### 1.0 Background

This Design and Access Statement shall consider those Planning matters relating to the submission of an application for full planning consent to Powys County Council for the proposal to construct a Broiler Unit on farm to accommodate 55,000 birds together with associated works. The application is in respect of land at Llwyngwilym Rhayader, Powys, LD6 5NS and is submitted by H & E Powell.

Llwyngwilym is a mixed enterprise farm, with an existing 24,000 free range mobile broiler unit, large herd of suckler cows and finishing cattle and a large flock of sheep. Llwyngwilym extends to 564 acres of owner occupied, together with a further 1270 acres of land rented.

The farm is a highly developed unit, with a large range of modern steel portal framed farm buildings, together with retained traditional buildings. Buildings include silage clamps and manure stores also.

Mr and Mrs Powell have three sons and two of their sons also have their own families and they help run the family farm. The family runs a successful mixed enterprise unit.

The business is now considering expanding its diversification on farm to a further 55,000 bird broiler unit. The enterprise has been fully investigated by the business which already has the benefit of an operating and profitable free range unit. The business is more than confident that the development of the proposed broiler unit can be a success and supplement the current farm profits.



Please see below photographs of the site:



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Llwyngwilym farm is shown on the aerial photograph overleaf. The farm lies to the north of the town Rhayader.

The farm lies in a rural location with only limited residential properties having views over the proposed site.

The location of the proposed building has been carefully considered, to be away from the existing farmstead allowing for increased biosecurity and also upon a site with the best highways access to the land. The site is located within a grassland field located off the B4518 highway.

There are no public footpaths affecting the site.

The site selected to develop to accommodate the broiler unit lies to the south west of the farmstead in a pasture just off the highway road, further landscape works will be required to accommodate the building into the landscape.

The location of the proposed building has been carefully considered, to be as close as possible to the main road and surrounded by existing hedgerow boundaries and woodland which will provide screening to the development. The site is located within a pasture field.

#### 2.0 Proposal and Character

The proposal is for the creation of a Broiler Unit on land near Llwyngwilym farm to provide accommodation for 55,000 birds. The proposed building is to the south west of Llwyngwilym farmstead and will be surrounded by extensive hedgerows and woodland. Further landscaping works will be done to screen the unit.

The proposed building shall be 115.8 metres long by 24.4 metres wide with a roof pitch of 15°, internal eaves height of 2.5 metres. The building shall house 55,000 birds. The total footprint of the building is 2,825.52 square metres. The building shall be constructed of box profile steel sheeting to the walls and also to the roof, with UPVC double glazing windows. The box profile steel sheeting is juniper green. The size of the proposed building is in line with the land availability surrounding the development.

The elevations of the building are shown on the submitted Elevation Drawings as listed below;

- Site Plan GEL/JP/BU/002
- Location Plan GEL/JP/BU/001



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

• Elevational Drawings – GEL/JP/BU/003

There is no maximum stocking density for intensive chicken meat production currently set down in UK domestic law, the law covering the welfare of broiler chickens is covered by general animal welfare law and farmers are expected to comply with the relevant DEFRA Code of Practice. It is not however an offence to fail to keep to the DEFRA Code.

In 2010 EU legislation (Directive 2007/43/EC) came into force that sets new limits on stocking densities. The legislation is expected to be transposed into UK law and members of parliament are considering, when bringing forward secondary legislation to transpose the EU Broiler Chicken Directive into EU law, setting the UK maximum stocking density at 30kg per square metre. The Directive sets as a limit a figure of 33kg per square metre but lays down requirements where derogation up to a maximum of 42kgs per square metre could be implemented.

Despite the potential derogations from the standard stocking density applied by the Directive the commercial reality is that the industry as a whole is decreasing stocking rates in response to higher welfare expectations of consumers.

In order to supply the retail trade, all farmers must as a minimum, be members of the independently audited Assured Chicken Production (ACP) Scheme. The scheme requires farmers to comply with strict management requirements such as stocking at a maximum of 38kg/m2. Many retailers now require the supply of 'Higher Welfare Chicken' (HWC), which includes those endorsed by the RSPCA Freedom Foods Scheme, and these farms are stocked at a lower rate of 30kg/m2.

A summary of the production cycle will follow the same basic procedure as follows:

- Chick placement on day one following pre-warming of the houses by propane space heaters and covering of the floor with wood shavings
- Feed arrives for birds during growing cycle. Volume of feed consumed increases during the growing period.
- Removal of Pullets on day forty one and day forty two.
- Remove all manure from sheds and move to fields in the management control of Messrs Powell either to be stored in heaps prior to land spreading or to be land spread on days forty three to forty six.
- All sheds power washed, disinfected and dried out prior to chick placement on days forty seven and forty eight.

The turnaround period between crops will be 7 days on average; the length of time taken to clear the site will depend on many factors such as when the date on which the crop cycle ends, e.g. if the cycle completes before a bank holiday weekend the



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

clear-out may take an additional day to avoid disturbance over the holiday. For the purpose of this report a seven-day turnaround period has been used, this would result in producing 7.4 crop cycles per year or an 87.5% occupancy rate.

The building shall be constructed using steel box profile sheeting in juniper green colour to assist is assimilating the building into the local landscape. The unit will have three feed bins located on the south – west elevation of the building. The feed will be automatically conveyed to the unit.

#### 3.0 Site and Scale

The location of the proposed building has been carefully considered, to be away from the existing farmstead increasing biodiversity and also utilising the best highways access to serve the site. The site is located within a grassland field located off the B4518 highway.

There are no public footpaths affecting the proposed site.

The proposed building shall be 115.8 metres long by 24.4 metres wide with a roof pitch of 15°, internal eaves height of 2.5 metres. The building shall house 55,000 birds. The total footprint of the building is 2,825.52 square metres.

### 4.0 Landscaping

The location of the building has been carefully considered. The application site is set close to the B4518 highway in order to provide good access to the site and to provide good visual mitigation in the form of existing hedgerows and woodland. The applicants home is situated approximately 881 metres away in a prominent position overlooking the rural landscape. The site can be extremely well screened with planting and hedgerow management to ensure further visual benefits and screening.

The business has recently renewed it's Glastir Advanced contracted and has agreed to plant a further 500m of hedgerow on the farm showing the business's commitment to the landscape surrounding the farm.

Should the Local Authority require additional Landscaping around the proposed development the Applicant would be willing to undertake a scheme to be approved by the Authority.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

# 5.0 Building Design

The building benefits from natural topography and the design will be low profile and the materials of the roof and sides will be clad with metal sheeting in the colour of Juniper Green to help blend in with its natural landscape (or a colour to be approved by the LPA).

### 6.0 Vehicle Movements and Movement To, From and Within the Development

The proposed building shall be accessed via a new track leading off the B4518 which will require approval from by Powys County Council. The access shall lead directly to the north-western elevation of the proposed building.

The proposed unit is approached through the market town of Rhayader, a right turning onto the B4518 is taken through the centre of the town and you continue on this road until you reach the new entrance of the proposed unit on your left.

It is not considered necessary to propose a routing plan for the broiler unit, given the good access and low volume of additional vehicle movements to the proposed unit near Llwyngwilym farm.

Due to the nature of the broiler enterprise it is not possible to give an accurate daily average as the movements are concentrated around certain activities during the cycle. Feed movements increase during the crop cycle as bird weights increase. Manure removal takes place in a short period between bird removal and chick placement and the direction of the movements will vary. Bird removals take place in two waves each lasting two days during the crop cycle. On 23 days of the 48-day crop cycle there will be no movements and on a further 15 days of the crop cycle there will only be one vehicle visiting the site.

Bird removal at the close of the crop represents peak movements in any given 24 hour period. Bird removal may take place during night time, due to the factory opening times. Crop clearance / thinning will take place over a two day period. The maximum number of movements per hour during the night time is estimated at 2. The maximum number of movements in a twenty four hour period associated with bird removal will be 14.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

# 7.0 Vehicle Routing

All vehicles attending the Broiler Unit would access the site in the same manner as which the existing farmstead is approached however will be diverted prior to reaching the main farm complex off the B4518 onto a new track leading directly to the unit.

# 8.0 Drainage

Surface Water from the proposed building will be captured within a rainwater harvesting facility together with existing soakaways. A clean water storage tank will be installed. All dirty water will be routed and collected in a dirty water tank.

# 9.0 Manure Storage & Disposal

The manure will be removed from the broiler unit following each crop cycle and will then be directly applied to the land weather permitting. If the weather does not allow immediate application of manure, it shall be stored in the existing manure store on farm. The manure produced shall have a low moisture content thus meaning it can be easily stored if required, however, this is not preferred by the business. At the end of the cycle it would take approximately two days to clean and sterilise the building in preparation for the new flock.

All manure applied to the land will be done so in accordance with regulations for Good Agricultural and Environmental Conditions regarding soil and water. The manure shall be applied in accordance with the Silage, Slurry and Agricultural Fuel Regulations in line with the businesses' manure management plan.

The land available for manure application is shown at Appendix 1 of this Design and Access Statement.

# 10.0 Pre Planning Consultation

Pre planning notices were served upon the local Community Council and the Local County Councillor. There are properties within 400 metres of the selected site and notice was served upon all properties. A site notice was displayed for a period of over 28 days.

# 11.0 Cleaning Out

With reference to the cleaning, this will take place on days 43 to 48. The manure will be removed from the site using a sheeted tractor and trailer.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

## 12.0 Emissions

The building design incorporates the use of mechanical ventilator extractor fans, the mechanical extractor fans will thermostatically control the building. Therefore they tend to operate more frequently during hot weather. Efficient design of ventilation fans has minimised the number needed for this building. Fans will be maintained and inspected in accordance with the manufacturers or suppliers instructions. This will minimise mechanical noise from the unit and also dust escape. Automated feeding by internal conveyor with augers direct from the sealed external feed hoppers will minimise dust creation. The insulated construction of the walls and roof also reduce sound transmission.

# 13.0 Noise / Odour Management

<u>NOISE</u>

#### Planning Policy

Within the United Kingdom there are no legal standards requiring noise levels to be applied however, guidance is provided under Statutory Nuisance Legislation under the Noise and Statutory Nuisance Act (1993) and the Environmental Protection Act (1990), as a result of this legislation British Standards provide guidelines to be considered. It is noted that in the majority the impact of noise and vibration from the proposed developments would be considered by the Local Planning Authority and the appointed Environmental Health Officer.

Within Wales noise is covered under Technical Advice Note (TAN) 11 (1997). TAN 11 "provides advice on how the planning system can be used to minimise the adverse impact of noise without placing unreasonable restrictions on development or adding unduly to the costs and administrative burdens of business. It outlines some of the main considerations which Local Planning Authorities should take into account in drawing up development plan policies and when determining planning applications for development which will either generate noise or be exposed to existing noise sources."

British Standards together with TAN 11 refer to noise in decibels (dB). The glossary to TAN 11 confirms that a decibel is "a unit of noise level derived from the logarithm, the ratio between the value of a quantity and a reference value, it is used to describe the level of many different quantities, the sound pressure level for reference quantity is 20  $\mu$ pa, the threshold of normal hearing is in the range 0 dB, and 140 dB is the threshold of pain, change of 1dB is only perceptible under controlled conditions."



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

The applicants have assessed the impact of the proposed broiler installation near Llwyngwilym in respect of noise and vibration with particular reference given to the impact on nearby residential receptors.

Noise and vibration can occur as a result of the development in a variety of ways from the construction of the Broiler Unit to the operation and also the decommissioning of the unit.

The applicants have also given consideration to associated traffic movements and their impact on adjoining residential receptors. Note is made that the planning application has considered the worst case scenario in regard to noise emissions and traffic levels. However, whilst addressing all issues, the applicants have sought to provide mitigation through the use of appropriate sound barriers and insulation of the building.

During the construction of the Broiler Unit machinery will be used to build the unit which will result in temporary noise affecting local residential properties, however, working hours for construction of the Broiler Unit will be contained to within the working day and the noise shall be heard in consideration with the existing farm unit, so shall not be considered to be detrimental to the sensitive areas.

#### Sensitive Receptors

The impact of the proposed development potentially could have an impact on local residential properties. Llwyngwilym lies within a rural area where livestock farming and operations on the land are undertaken on a daily basis. Operations undertaken by the existing farm business would be the housing and feeding of livestock, application of manure to the land and storage of manure if required, both of the aforementioned activities could result in the potential for odour. The table below outlines sensitive receptors within the vicinity of the site.

The nearest local residential property is some 150 metres from the proposed extension, in between the properties the topography of the land changes dramatically and within the separating distance there are a number of hedgerows and trees and the highway.

Sensitive Receptor - Name	Distance (Metres)		
Bryn Pedol	150		
Beili Gof Workshop	226		
Ffosmascal	318		
Bailey Bedw	372		



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

The proposed broiler unit at Llwyngwilym shall have 10 ventilation fans in the gable end and 10 high velocity roof mounted fans. As there will be no natural ventilation, it is paramount that mechanical fans are installed within the building as they are used to control the temperature, it is vitally important to bird welfare during periods of hot weather.

The table below details the Environmental Sound Levels dB (A) for HER710/6/1 following numerous manufacturing trials;

	Number of Fans				
Distance from fan to receptor – metres	1	3	10	16	20
3	61	66	70	72	74
6	57	61	65	68	70
10	51	55	59	62	64
20	45	49	53	56	58
100	31	35	39	40	43
200	21	27	31	33	35
400	18	23	27	29	31

The above data has been compiled in line with BS848 Part Two (1985) and using the Technical Specification of the Mechanical Fan which confirms the fan selected will operate at a level of 61 d B (A) at 3 metres. When all 20 fans are operational the cumulative sound level should be in the range of 35-43 d B (A) at 150 metres, being the closest unrelated receptor.

Llwyngwilym is situated in a rural location and the main sources of the noise in this area emanate from agricultural operations and road traffic. Peak agricultural traffic is generated between May and the end of August when the annual harvest is undertaken. The proposals at Llwyngwilym would not result in an exceedance of noise levels in the area.

The operation of the proposed Broiler Unit at Llwyngwilym will generate less sources of noise and vibration than the existing farmstead, the proposal does not have the potential to generate significant additional sources. The positioning of the proposed



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Broiler Unit adjacent to the busy highway surrounded by extensive existing landscapes maintains a level of comparative impact in respect of noise and vibration.

The applicants would aim to mitigate the noise emanating from their Broiler Unit with basic design procedures. All of the noise emanating from the Broiler Unit once operational will be internal as the birds will be housed within the proposed building, therefore, there will be no negative impact on the residential properties from the housing of 55,000 birds on site. The building has been sited adjacent to the highway taking into consideration the road noise and vibrations, existing landscape features, surrounding topography together with intervening features such as trees and hedgerows which shall act as a baffle to any sound emanating from the development.

The building will be insulated and will use double glazed windows thus reducing any noise from the development.

Within the building 10 ventilation fans in the gable end and 10 high velocity roof mounted fans will be installed. Around the ventilation fans noise baffles will be used thus reducing any negative noise resulting from the ventilation fans. The extractor fans are thermostatically controlled so will only operate when required, tending to be more frequently during hot weather.

The vehicle movements to and from Llwyngwilym will be restricted to daytime operational hours and all deliveries will take place between 07:00 and 21:00 during the week days and 07:00 and 18:00 on Saturdays and Sundays together with bank holidays. No movements will be attributable to the development after 21:00 hours therefore there shall be no impact on the surrounding residential properties.

The noise levels associated with the unit are negligible, and would be set against the existing background noise levels of the main road and existing farm and agricultural uses.

#### <u>MITIGATION</u>

A number of practices will be adhered to ensure that there is no impact by the development upon residential dwellings these include:

- Limiting the hours of delivery to avoid sensitive periods, this refers to both birds and feed;
- The building itself and internal equipment will receive regular maintenance to ensure that excessive noise and vibration are not generated;



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

- Placing silencers and engine covers on machinery and engines within the building should noise issues become a problem:
- If machinery is found to be generating excessive noise, the machinery shall be replaced and immediately taken out of the building unless it is critical to bird welfare that the machinery is present within the building. Repairs shall be undertaken within 24 hours;
- No high revving of engines will be undertaken on farm;
- Bleepers on machinery will remain as this is a health and safety matter, however, their use shall be limited to non-sensitive hours;
- As this is a purpose built building, it is modern in its design and will use the latest technologies to limit the noise impact of the development;
- Mechanical ventilation will operate only during hot weather reducing any potential noise. They are positioned in the ridge of the building to reduce their vibration.

#### <u>ODOUR</u>

Odour is potentially an issue affecting nearby residential receptors although mitigation measures can be used to reduce the impact of odour to a negligible nuisance.

Decomposing waste products such as manure, dust and bedding causes odours in intensive meat chicken buildings. Ventilation rate and temperature significantly influence the concentration of odorous compounds; inadequate air movement in the houses, leading to high humidity and wet litter causes poor dispersal of odours. The ventilation system is designed to efficiently move moisture from the house and to remove heat. The drinking system is also designed to eliminate spillage. The shed is also insulated to eliminate condensation. Other management controls include dietary manipulation; crude protein levels will be kept at a practical minimum keeping crude protein low. The feed will contain enzymes that enhance the digestion of the cereal components of the feed as a result of the improved digestion, the amount of water drunk by the birds is reduced, and this in turn leads to a lower moisture content of the litter. Consequently, the risks of odour are reduced by this drier litter. The baffle area beyond the ventilation fans will enhance dispersion of odorants by directing odorous air upwards into the wind that is building wake effected leading to enhanced mixing conditions. This dilutes the odorous air reducing odour nuisance at sensitive



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

receptors. Studies undertaken in 2000 showed that baffle areas can recue odour concentration at sensitive receptors by between 30 and 90 percent (Bottcher, 2000).

The period during the bird production cycle at which odour and dust concentrations have the potential to cause nuisance is during the clearing of manure and spent floor litter from the sheds.

Any odour within the Broiler Unit will not be apparent outside the surroundings of the Llwyngwilym unit, so shall not affect those aforementioned residential receptors.

The Broiler Unit will comply with the DEFRA Guidelines within "Protecting all Water, Soil and Air – A Code of Good Agricultural Practice for Farmers Growers and Land Managers 2009."

The Best Available Techniques will be used to mitigate the impact of odour on residential receptors. Messrs Powell have to comply with the information published by the Government known as Protecting our Water, Soil and Air, a Code of Good Agricultural Practice for Farmers, Growers and Land Managers, together with the Codes of Good Agricultural and Environmental Condition imposed by the Basic Payment Scheme of the Welsh Government, and also the Statutory Management Regulations of the European Union.

It is noted that odour is very rarely an issue on a modern broiler unit as the buildings are purpose built, technology has advanced greatly with good mechanical ventilation that will be used within the building, and the applicant would be adhering to codes of best available techniques to ensure that the unit was well run. Messrs Powell would also need to make sure that the operation was extremely clean and tidy.

The results of the risk assessment with regard to odour confirm that the risk of odour affecting local residential receptors is low as a result of the strict management of the unit together with the intervening land forms such as trees and hedgerows which will reduce the impact of odour. We would refer you to the submitted Manure Management and Management Plan supporting the application at Llwyngwilym.

In view of the aforementioned, it is vital that Messrs Powell are not operating their business with issues such as odour and noise.

#### 14.0 Quality Standards

The applicants as with all of their farming enterprises will endeavour to ensure high standards of welfare are maintained.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

The Unit will adhere to the Codes of Good Agricultural and Environmental Condition and Cross Compliance Regulations of the Welsh Government. During application of manure to the land the Silage, Slurry and Agricultural Fuel Regulations will be adhered to.

## 15.0 Dead Bird Management & Pest Control

There are several reasons why the careful disposal of dead birds is an important part of the health management of systems :

- Reduces the risk of disease spread back to the flock and other species.
- Reduces the likelihood of carcases being removed by scavengers, which can transmit disease.
- Reduces the risk of blow flies (*Caliphora sp.*), which can also transmit disease.
- NFS company registered firm Pointins are utilised

The dead birds will be collected by an approved contractor of the National Fallen Stock Disposal Scheme, prior to this they will be stored in a secure container in line with the animal by-products Regulations 2003. Pest control for rats will be carried out by an approved agency. Preventative measures will be used to control flies to include fly screens and flies controls replaced periodically to prevent the flies entering the building from the outside.

#### 16.0 Policy Context

#### Planning Policy Wales (Edition 8, January 2016) – Chapter 7 Economic Development

7.1.1 For planning purposes the Welsh Government defines economic development as development of land and buildings for activities that generate wealth, jobs and incomes. Economic land uses include the traditional employment land uses (offices, research and development, industry and warehousing), as well as uses such as retail, tourism, and public services. The construction and energy sectors are also important to the economy and are sensitive to planning policies.

7.1.2 It is essential that the planning system considers, and makes provision for, the needs of the entire economy and not just those uses defined under parts B1-B8 of the Town and Country Planning Use Classes Order. Particular policies on other economic sectors are also found elsewhere in Planning Policy Wales: in relation to Retail and Town Centres (Chapter 10); Tourism, Sport and Recreation (Chapter 11) and Infrastructure and Services (Chapter 12).



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

7.1.3 The planning system should support economic and employment growth alongside social and environmental considerations within the context of sustainable development. To this end, the planning system, including planning policies, should aim to ensure that the growth of output and employment in Wales as a whole is not constrained by a shortage of land for economic uses. Local planning authorities should aim to facilitate the provision of sufficient land required by the market, except where there are good reasons to the contrary. In addition, wherever possible local planning authorities should seek to guide and control economic development to facilitate regeneration and promote social and environmental sustainability. In so doing, they should aim to:

• co-ordinate development with infrastructure provision;

• support national, regional, and local economic policies and strategies;

• align jobs and services with housing, wherever possible, so as to reduce the need for travel, especially by car;

• promote the re-use of previously developed, vacant and underused land; and

• deliver physical regeneration and employment opportunities to disadvantaged communities.

7.3.3 Local planning authorities should adopt a positive approach to development associated with farm diversification in rural areas, irrespective of whether farms are served by public transport. While initial consideration should be given to adapting existing farm buildings, the provision of a sensitively designed new building on a working farm within existing farm complexes may be appropriate where a conversion opportunity does not exist.

Local planning authorities should adopt a constructive approach towards agricultural development proposals, especially those which are designed to meet the needs of changing farming practices or are necessary to achieve compliance with new environmental, hygiene or welfare legislation. In addition they should adopt a positive approach to the conversion of rural buildings for business re-use.

7.4 Technical Advice Note (TAN) 6 – Planning for Sustainable Rural Communities (July 2010) supports and encourages the need for economic development. TAN 6 in its entirety recognises the importance of development.

TAN 6 confirms that "the planning system has a key role to play in supporting the delivery of sustainable rural communities."



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

'Strong rural economies are essential to support sustainable and vibrant rural communities. A strong rural economy can also help to promote social inclusion and provide the financial resources necessary to support local services and maintain attractive and diverse natural environments and landscapes"

TAN 6 states that "when considering planning applications for farm diversification projects, planning authorities should consider the nature and scale of activity taking a proportionate approach to the availability of public transport and the need for improvements to the local highway network."

Section 6 of TAN 6 discusses Sustainable Agriculture. "The Welsh Governments objective is a sustainable and profitable future for farming families and businesses through the production and processing of farm products while safeguarding the environment, animal health and welfare, adapting to climate change and mitigating its impacts, while contributing to the vitality and prosperity of our rural communities. The planning system can play an important part in supporting sustainability of agriculture."

TAN 6 recognises that "farms vary considerably in size, type and farm business and layout. The loss of part of a holding can have important implications from the remainder. The effect of severance and fragmentation upon the farm and its structure may be relevant."

7.5 Technical Advice Note (TAN) 23 – Economic Development (February 2014) stipulates that "Sustainable development is essential to building strong rural economies and vibrant communities." "When businesses expand or modernise, they may need to do so in situ; it may be highly inefficient or impracticable for them to relocate to a subsequently preferable site.

7.6 Development Plans and the economy should:

include policies encouraging farm diversification and new rural development opportunities;

#### Powys County Council Adopted LDP April 2018

Powys County Council set out their planning policy in the Local Development Plan Adopted in April 2018.

2.3.23 In alignment with the Council's Economic Development Strategy, policies and proposals in the LDP will direct economic development to sustainable locations, control



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

the scale and nature of proposals to ensure the development is acceptable in planning terms and ensure that new development proposals are located so as to take account of the national planning policy framework in respect of sequential tests. The location and scale of employment growth facilitates accessibility, sustainable travel patterns, and an appropriate mix of uses in an area so as to provide the foundations for a strong and vibrant economy. Employment opportunities are promoted via land allocations. LDP policies support regeneration initiatives including identified Local Growth Zones.

*Powys' rural areas will be a working countryside of sustainable communities supported by a thriving and diverse rural economy of small businesses.* 

#### LDP Objective 6 – Vibrant Economy

To support a diverse, robust and vibrant economy for Powys, including a strong rural economy, which is sustainable and responsive to change. To ensure towns and larger villages are the main focus for economic development and that town centres are vital, viable and attractive.

#### LDP Objective 7 – Key Economic Sectors

To maintain and strengthen key economic sectors within Powys including manufacturing in the Severn Valley and Ystradgynlais, sustainable year-round tourism opportunities, agriculture and the rural economy.

2.2.12 Tourism is a key economic sector in Powys and further tourism development has the potential to support local communities and rural holdings both in economic and social terms. Agriculture, including intensive forms of, continues to be the largest primary production industry in Powys, mainly through small, family-run, upland farms. Much of the land is classified as being of very poor agricultural quality. The Business Register and Employment Survey for 2012 showed that excluding Agriculture, Forestry and Fishing, the three largest employment sectors in Powys by percentage of jobs were Health (16.4%), Retail (11.6%) and Manufacturing (10.6%). The public sector, comprising Health, Education, Public Administration and Defence is one of the largest employers and accounted for 34% of the employment.6

The following policies are applicable to the proposal to apply for full planning for the erection of a 55,000 broiler bird unit at Llwyngwilym.

#### Policy DM2 – The Natural Environment

Development proposals shall demonstrate how they protect, positively manage and enhance biodiversity and geodiversity interests including improving the resilience of biodiversity through the enhanced connectivity of habitats within, and beyond the site.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Development proposals which would impact on the following natural environment assets will only be permitted where they do not unacceptably adversely affect:

1. The important site designations, habitats and species afforded the highest levels of protection through European legislation including:

A. European Sites (SAC, SPA and Ramsar).

i. Development proposals likely to have a significant effect on a European site, when considered alone or in combination with other proposals or plans, will only be permitted where it can be demonstrated that:

a) The proposal is directly connected with or necessary for the protection, enhancement and positive management of the site for conservation purposes; or
b) The proposal will not adversely affect the integrity of the site.

ii. Where it cannot be demonstrated that development proposals would not adversely affect the integrity of the site and there is no satisfactory alternative solution, permission will be refused unless:

a) There are imperative reasons of over-riding public interest; and

b) Appropriate compensatory measures are secured.

B. European Protected Species afforded strict protection by the Conservation of Habitats and Species Regulations 2017 (Habitats Directive Annex IV Species).

Development proposals likely to have an adverse effect on a European Protected Species will only be permitted where it can be demonstrated that:

i. The proposal is for the purposes of preserving public health or public safety or there are imperative reasons of over-riding public interest; and

ii. There is no satisfactory alternative; and

iii. The action authorised will not be detrimental to the maintenance of the habitat or population of the species concerned at a favourable conservation status in their natural range.

2. The important site designations, habitats and species afforded levels of protection in line with national policy and legislation including:

A. National Nature Reserves and Sites of Special Scientific Interest;

B. Protected Species including those listed in Wildlife and Countryside Act 1981 (as amended) and the Protection of Badgers Act 1992;

C. Habitats and Species of principal importance for the purpose of maintaining and enhancing biodiversity conservation in Wales as listed in Section 7 of the Environment (Wales) Act 2016; and

D. National Biodiversity Action Plan Habitats and Species.

Development proposals likely to have an adverse effect on the conservation value of nationally protected sites, habitats or species, either directly, indirectly or in combination, will only be permitted where it can be demonstrated that:



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

i. The proposal contributes to the protection, enhancement or positive management of the site, habitat or species; or

ii. There is no suitable alternative to the proposed development; and

a) It can be demonstrated that the benefits from the development clearly outweigh the special interest of the site, habitat or species; and

b) Appropriate compensatory measures are secured; and

c) The population or range and distribution of the habitat or species will not be adversely impacted.

3. The locally important site designations, habitats and species including:

- A. Local Nature Reserves;
- B. Local Biodiversity Action Plan Habitats and Species; and

C. Regionally Important Geodiversity Sites and Geological Conservation Review Sites.

Development proposals likely to have an adverse impact upon these sites, habitats or species will only be permitted where it can be demonstrated that:

i. They conserve and where possible enhance the natural heritage importance of the site, habitat or species; or

ii. The development could not reasonably be located elsewhere; and

a) The benefits of the development outweigh the natural heritage importance of the site, habitat or species; and

b) Mitigation and/or compensation measures are provided where adverse effects are unavoidable.

4. The achievement of the Water Framework Directive's overarching objectives.

5. Trees, woodlands and hedgerows of significant public amenity, natural or cultural heritage.

#### Policy DM4 – Landscape

Proposals for new development outside the Towns, Large Villages, Small Villages and Rural Settlements defined in the Settlement Hierarchy must not, individually or cumulatively, have an unacceptable adverse effect, on the valued characteristics and qualities of the Powys landscape. All proposals will need to:

1. Be appropriate and sensitive in terms of integration, siting, scale and design to the characteristics and qualities of the landscape including its: topography; development pattern and features; historical and ecological qualities; open views; and tranquillity; and

2. Have regard to LANDMAP, Registered Historic Landscapes, adjacent protected landscapes (National Parks and Areas of Outstanding Natural Beauty) and the visual amenity enjoyed by users of both Powys landscapes and adjoining areas.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Proposals which are likely to have a significant impact on the landscape and/or visual amenity will require a Landscape and Visual Impact Assessment to be undertaken.

#### Policy DM5 – Development and Flood Risk

Development proposals must be located away from tidal or fluvial flood plains unless it can be demonstrated that the site is justified in line with national guidance and an appropriate detailed technical assessment has been undertaken to ensure that the development is designed to reduce / avoid the threat and alleviate the consequences of flooding over its lifetime. In addition the development must not increase flood risk elsewhere, and shall where possible allow floodplains to provide water storage to reduce flooding in the catchment, unless:

1. The development is of a very minor nature such as an extension to a dwelling; or

2. There is an overriding need in the public interest for the development.

#### Policy DM6 – Flood Prevention Measures and Land Drainage

Development proposals must avoid unnecessary flood risk by assessing the implications of development within areas susceptible to all types of flooding; any development that unacceptably increases risk will be refused.

Proposals near a watercourse or within an area of floodplain must comply with the following:

1. In areas identified at risk of flooding (fluvial, tidal, surface water and groundwater) or where a watercourse has insufficient channel capacity, opportunities to improve existing flood risk by using Sustainable Drainage Systems (SuDS), wetlands or other agreed and appropriate measures are investigated and implemented wherever possible.

2. Where possible, opportunities are taken on previously developed land to make space for water by reinstating the functional floodplain.

3. Opportunities to make space for water by undertaking restoration and enhancement as part of the development, are identified and implemented.

4. Actions are taken to de-culvert wherever possible. Where this is not possible, an assessment of the structural integrity of the culvert, with any required remedial work, should be carried out prior to the development. A maintenance schedule should be developed for all culverts to ensure regular clearance, and

5. Any developments located adjacent to a watercourse should leave an appropriate undeveloped buffer strip, maintaining the watercourse and the immediate riparian zone as an enhancement feature and allowing for routine maintenance. The width of any buffer strip should be agreed with the relevant authorities on a site by site basis. Such sites should have a maintenance strategy for clearing and maintaining the channel, with particular regard to structures such as trash screens and bridges.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Satisfactory provision shall be made for land drainage in all developments and this should include consideration of the use of Sustainable Drainage Systems (SuDs).

#### Policy DM12- Development in Welsh Speaking Strongholds

Development proposals for 10 or more dwellings on windfall sites within or forming logical extensions to the following settlements will be subject to a Welsh Language Impact Assessment. Where the Impact Assessment demonstrates that the development may have an adverse impact, proposals must be accompanied by a Language Action Plan setting out the measures to be taken to protect, promote and enhance Welsh Language and Culture:

#### Towns

Llanfair Caereinion, Llanfyllin, Machynlleth and Ystradgynlais

Large Villages

Abercrave, Carno, Coelbren, Llanbrynmair, Llangynog, Llanrhaeadr-ym-Mochnant, Llansilin, Pontrobert, Penybontfawr and Trefeglwys

The implementation of any measures identified within the Language Action Plan shall be secured either by planning conditions or, where necessary, by planning obligations.

#### Policy DM13 – Design and Resources

Development proposals must be able to demonstrate a good quality design and shall have regard to the qualities and amenity of the surrounding area, local infrastructure and resources.

Proposals will only be permitted where all of the following criteria, where relevant, are satisfied:

1. Development has been designed to complement and/or enhance the character of the surrounding area in terms of siting, appearance, integration, scale, height, massing, and design detailing.

2. The development contributes towards the preservation of local distinctiveness and sense of place.

3. Any development within or affecting the setting and/or significant views into and out of a Conservation Area has been designed in accordance with any relevant adopted Conservation Area Character Appraisals and Conservation Area Management Plans, or any other relevant detailed assessment or guidance adopted by the Council.

4. The development does not have an unacceptable adverse impact on existing and established tourism assets and attractions.

5. The layout of development creates attractive, safe places, supporting community safety and crime prevention.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

6. It contains an appropriate mix of development that responds to local need, includes a flexibility in design to allow changes in use of subsequent buildings and spaces as requirements and circumstances change.

7. It is inclusive to all, making full provision for people with disabilities.

8. It incorporates adequate amenity land, together with appropriate landscaping and planting.

9. The public rights of way network or other recreation assets listed in Policy SP7 (3) are enhanced and integrated within the layout of the development proposal; or appropriate mitigation measures are put in place where necessary.

10. The development has been designed and located to minimise the impacts on the transport network - journey times, resilience and efficient operation - whilst ensuring that highway safety for all transport users is not detrimentally impacted upon.

Development proposals should meet all highway access requirements, (for all transport users), vehicular parking standards and demonstrate that the strategic and local highway network can absorb the traffic impacts of the development without adversely affecting the safe and efficient flow of traffic on the network or that traffic impacts can be managed to acceptable levels to reduce and mitigate any adverse impacts from the development.

11. The amenities enjoyed by the occupants or users of nearby or proposed properties shall not be unacceptably affected by levels of noise, dust, air pollution, litter, odour, hours of operation, overlooking or any other planning matter.

12. Adequate utility services exist or will be provided readily and timely without unacceptable adverse effect on the surrounding environment and communities.

13. It demonstrates a sustainable and efficient use of resources by including measures to achieve:

i. Energy conservation and efficiency.

ii. The supply of electricity and heat from renewable sources.

iii. Water conservation and efficiency.

iv. Waste reduction.

v. The protection, where possible, of soils, especially important carbon sinks such as thick peat deposits.

14. Investigations have been undertaken into the technical feasibility and financial viability of community and/or district heating networks wherever the development proposal's Heat Demand Density exceeds 3MW/km2.

#### Policy DM14 – Air Quality Management

Development proposals will only be permitted where any resultant air pollution does not cause or lead to an unacceptable risk of harm to human health or the natural environment.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Proposals will need to demonstrate that measures can be taken to overcome any significant adverse risk, with particular attention being paid to:

1. National Air Quality Strategy objectives and any Air Quality Management Areas.

2. The critical levels for the protection of habitats and species within a European site or Site of Special Scientific Interest in accordance with Policy DM2.

#### Policy E6 - Farm Diversification

Development proposals for farm diversification will be permitted where:

1. The proposed diversification will be of an intensity of use appropriate to the location and setting and will have no significant detrimental effect on the vitality and viability of any adjacent land uses, either individually or through cumulative impact;

2. Adequate provision is made for the parking of vehicles and the storage of materials/equipment; and

3. The construction of new, or conversions of existing buildings, that form part of the proposal lie within or immediately adjacent to the existing farm building complex.

#### 17.0 Access Statement

Explain the adopted policy or approach to inclusive design and how policies relating to inclusive design in development plans and relevant local design guidance have been taken into account

UDP Policy DC1: Access by Disabled Persons

Applications will be permitted for the development of new buildings, public amenities, recreational spaces and, where practicable and reasonable, the changes of use or alterations to existing buildings, where suitable access is made to and within the building or amenity and adequate facilities are provided for people with disabilities.

The Disability Discrimination Act 1995 (DDA) seeks to avoid discrimination against people with impairments and disabilities and for instance ensures that work premises do not disadvantage someone with a disability.

The access arrangements have adopted an inclusive approach and aims to ensure that all users will have equal and convenient access to the site and buildings.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

# Explain how any specific issues, which might affect people's access to the development have been addressed

The design of the application will have full consideration for ease of access for disabled pedestrian use. Our full application submitted incorporates the following points:-

- 1. The car parking area will be located near to the principal entrance of the building and is at the same level as the principal entrance.
- **2.** Access from the car parking area to the principal entrance is by way hard landscaping, which is suitable for a disabled wheel chair.
- **3.** The principal entrance is at a level threshold.
- **4.** Easy access is obtained around the circumference of the building by way of hard landscaping.
- 5. All construction work to comply (where relevant) to Part M of the Building Regulations Act 2000, and also subsequent amendments.
- **6.** All doors to be of disabled criteria.
- 7. All external doors to be 930mm minimum width.
- **8.** All sockets and light switches to be in compliance with Part M with regard to the height from floor level.
- 9. All washing facilities are located on the same level (ground level).

The car parking facilities and access ways to and from the broiler building will be flat and even and unobstructed allowing the building to be accessed by all people including disabled people or people with impairments.

# Detail how features, which ensure people's access to the development, will be maintained

The car parking facilities and access ways to and from the building will be maintained in such a way as to allow all people access to the building

All of the measures detailed above will be maintained in such a way that will allow all people access to / from and around the building. Also the facilities within the building will also be constructed and maintained in such a way to ensure people's access within the development.

# 18.0 Community Safety

#### Site Security

Security is critical throughout day and night to prevent the theft of equipment and livestock at Llwyngwilym. The farmhouse is positioned away to the unit, therefore



greater security measures are required i.e. security lighting and CCTV. Staff will be around for most of the working days and the applicants are busy working on the farm therefore will always be vigilant and aware of the broiler unit.

# 19.0 Environmental Design Statement

A design statement shall accompany all detailed applications and will describe the actions taken to design and adapt the development to fit its location. Wherever practicable, developments shall be designed to reduce energy consumption and maximise energy conservation and maximise energy conservation through the use of appropriate materials, design, layout and orientation.

It would be normal practice because the Broiler Unit is over  $1000m^2$  for the development to have to meet the BREEAM 'Very Good' standard and achieve the mandatory credits for 'Excellent' under Ene 1 – reduction of CO<sub>2</sub> Emissions. The proposed use is a purpose built broiler unit which is specifically designed for the welfare of the birds. As a result of this together with the mechanical ventilation provided through the building this standard is not required.

• Mechanical ventilation will be used to ventilate the building during periods of hot weather.

• Manure will be used on the land at Llwyngwilym and land in their control reducing the need to import fertiliser onto the farm. Manure will also be sold off farm to other farmers thus reducing their use of inorganic fertilisers and the manure will also be sold to an Anaerobic Digestion plant and converted into a renewable energy.

- Stone which is available on farm will be used to provide the hardcore for the concrete slab of the building and to extend the farm track.
- It would be possible to harvest the rainwater off the roof of the building and reuse the water for washing down the building.
- No protected species would be affected as a result of the proposals.

The above points ensure that the Unit is sustainable as required by Powys County Council.

#### Other complimentary measures:-

We have considered that energy efficient design principles are also key to the success of schemes including if electricity is required to be supplied to the building that energy efficient light bulbs are used.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

We also aim to:-

- Design out waste from the outset
- Minimise the energy used during the construction phase of the development through careful project planning
- Use reusable and recycled materials

### 20.0 Physical context of the development

The proposed site for the broiler unit is away from the farm holding at Llwyngwilym and adjacent to the B4518 highway. The unit is approximately 881m away from Llwyngwilym farmhouse. The unit is placed in an undulating field surrounded by existing hedgerow planting and woodland which makes the unit less visually intrusive.

#### 21.0 Social context of the development

The scale and type of the proposed broiler unit will be in keeping with the proposed site and other agricultural buildings within Powys as can be seen by the plans submitted. The size and position of the proposed unit is to be agreed with Powys County Council, but following analysis of policy against the available sites at Llwyngwilym, it is believed that the best site is presented in terms of landscape and visual amenity and highway access to name a few reasons.

#### 22.0 Economic context of the development

Farm businesses need to grow in response to market forces and changing legislation if they are to survive. H & E Powell is an existing farm business which is moving forward and utilising the land within its control. It is the belief of the business that the farm cannot expand any further into sheep and beef as land and building restraints would make it uneconomical. The broiler enterprise expansion has been seen as an opportunity to generate another income on the holding to enable all the partners to still remain in the locality and also allow Mr and Mrs Powell's sons to have the opportunity to farm and provide enough income for their families.

The farm business is proposing for a 55,000 bird broiler enterprise. This enterprise has been researched fully and they are confident that the business can be a success and supplement the current marginal farm profits.

Farm businesses need to change and grow in response to market forces and legislation if they are to survive.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net

Planning Policy Wales is supportive of diversification of agricultural enterprises.

The current market dictates that agriculture must adapt to meet consumer demands, the applicant has chosen to diversify to respond to the demand for meat production.

#### 23.0 Conclusion

- The farm business H & E Powell is proposing to erect a broiler unit on farm to provide accommodation for 55,000 birds on farm which is a considerable investment by the farming business. It has been researched thoroughly and the business is adamant that the extended enterprise will be successful. The development proposed is additional farm diversification championed by the Government.
- The application site lies away from the existing farmstead at Llwyngwilym and adjacent to the B4518 highway. The colour of the building is Juniper Green which allows the unit to be assimilated into its surrounding landscape.
- The unit shall have no detrimental impact on surrounding residential properties as a result of the intervening topography and landscape features together with the distance of the property from the Llwyngwilym Broiler Unit.
- The development will not have a detrimental impact on local habitats and the biodiversity of the site. The planting of new hedgerows will create new habitats for ecology.
- The proposals will result in minimal increases to highway movements related to the farming unit.
- The proposal is in line with the policies of the Welsh Government contained within Planning Policy Wales and the policies of the Powys County Council Unitary Development Plan, therefore, it is respectfully requested that full planning consent is given to the development.



The Estates Office 20 Salop Road Oswestry Shropshire SY11 2NU Phone 01691655334

mail@rogerparry.net www.rogerparry.net