Planning Application

Town and Country Planning Act 1990
Please read the accompanying notes, form P1B, before answering each question. Please complete in BLOCK LETTERS.

Application No. 320070945P

Date received

Fee paid £ **Receipt No:**

Question 1
Name and Address of Applicant

Stephen Tasker
Cuttock Clough Barn, Slaidburn Road
Waddington Lancashire
Postcode BB7 3JJ
Tel No:
07712841089

Question 1a
Name and Address of Agent

David Crowley
11 Whin Grove, Bolton le Sands
Carnforth
Postcode LA5 8DD
Tel No:07795117544
(Contact's Name David Crowley)

Question 2
Address or Location of Application Site – indicate on the plan any adjoining land in the applicants control
Cuttock Clough, off Mill Lane, near Slaidburn

Question 3
Accurate description of the proposed development (including site area if known)
<0.1ha – installation of a 10kw domestic wind powered generator on 12m mast on land to the east of Cuttock Clough Barn plus 3mx3m shed for switchgear

Question 4
Type of application

Please state yes in the appropriate box

a. Full application for a change of use not involving any building works

b. Full application for a change of use and/or new building/engineering work or alterations — yes

c. Outline application for the erection of building(s)

(i) Please state yes/no which matters, if any, are being applied for

Layout	Scale	Access	Appearance	Landscaping

(ii) For residential development give number and type of dwellings (indicate on separate sheet if necessary

d. **Reserved Matters** application
(i) Please give reference number of outline permission

(ii) Please state yes/no which reserved matters are being dealt with in this application

Layout	Scale	Access	Appearance	Landscaping

e. **Continuation of Temporary Permission**
Please give reference number of previous permission

f. **Modification or removal of a Condition**
Please give the number of the planning permission and the relevant condition

DIRECTOR OF DEVELOPMENT
17 DEC 2007
FOR THE ...TION OF

320070945P

Question 5 Access

	Please state Yes or No		Please state Yes or No
Does the proposal involve a new vehicular access?	no	an altered vehicular access?	no
a new pedestrian access?	no	an altered pedestrian access?	no
Does there exist any public right of way within the application site?			no

Question 6 Trees

Please state Yes or No

Do you intend to prune or fell any trees as part of the proposed development?
If yes, please show the tree(s) on the plan and describe the works proposed. no

Question 7 Existing Uses

Describe the existing, or if vacant, the last uses of the site: agricultural - pasture

Question 8 Additional Information

Please state Yes or No

a. Is the application for shopping, office, industrial, or other commercial use? If so, please complete a Planning Application (Part2), form P1A — no

b. Is the application for or associated with the winning and working of minerals or waste disposal? If so, please complete a Planning Application (Part3), form P1M — no

Question 9 Drainage / Water Supply

a. How will surface water be dealt with? Existing land drains, surface run-off only. No additional post construction

b. How will sewage be dealt with? Not applicable

c. How will water be supplied? Not applicable

Question 10 Materials

If building works are proposed please describe all external materials (e.g brick walls, colour, make and type and show them on your plan)
TURBINE & MAST – Energever Towermaster 'D' Base Lumescan Wind Turbine Column
Steel hot-dipped galvanised finish
SWITCHGEAR HOUSING – standard 3mx3m wooden shed

Question 11 Plans

Please list the drawings and plans submitted with this application form (5 sets are required):

1 Location plan
2 Turbine & mast detail
3 Shed detail
4 Planting plan
5 Supporting statement
6 Site setting photographs

Question 12

Please read and then sign the following statement
Declaration
I wish to apply for planning permission for the development described in this application and accompanying plans and enclose the fee of £135

Signed ..... (Applicant/Agent) Date 7th December 27th September 2007

Question 13

Certificate under Article 7 Town and Country Planning (General Development Procedure) Order 1995
Certificate A
I certify that on the day 21 days before the date of the accompanying application nobody, except the applicant, was the owner of any part of the land to which the application relates.
None of the land to which the application relates is, or is part of, an agricultural holding.

Signed ..... (Applicant/Agent) Date 7th December 27th September 2007

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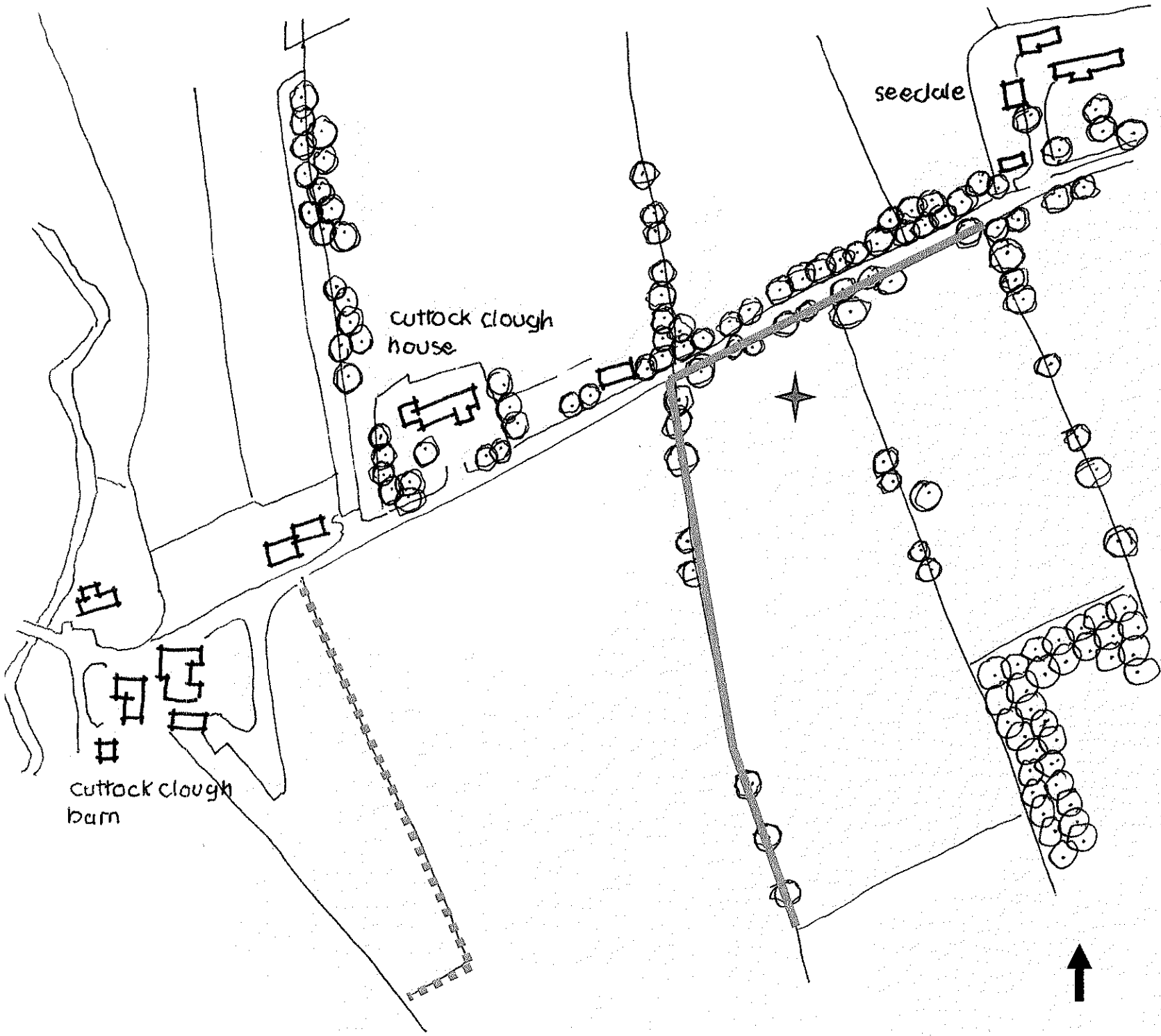
PROPOSED
CUTTOCK CLOUGH
WIND GENERATOR

Location Map

CUTTOCK CLOUGH BARN
Proposed Wind Turbine

PLANTING PLAN



existing semi-mature & mature trees

recently planted hedgerows

new/gapped up hedgerows

proposed turbine site

NOTE : hedgerow planting to be in double rows, 50cm apart.
Plants to be planted @ 40cm centres
Mix to be 70% hawthorn, 10% hazel, 10% blackthorn, 10% holly
Plants to be 60-90cm

scale 1 :2500

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Towermaster data sheet

TOWERMASTER LIGHTING TOWER SYSTEMS

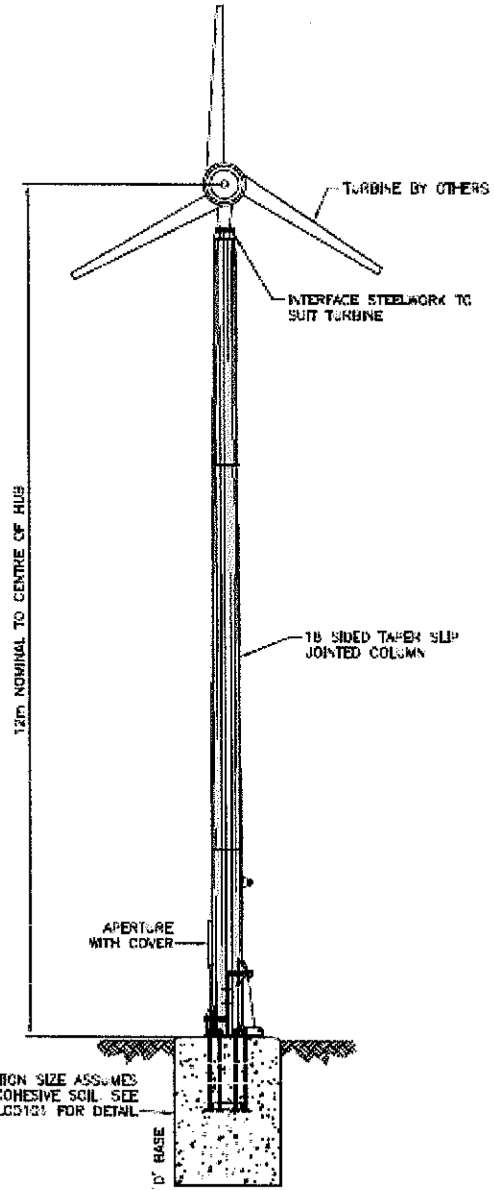
GENERAL SPECIFICATION

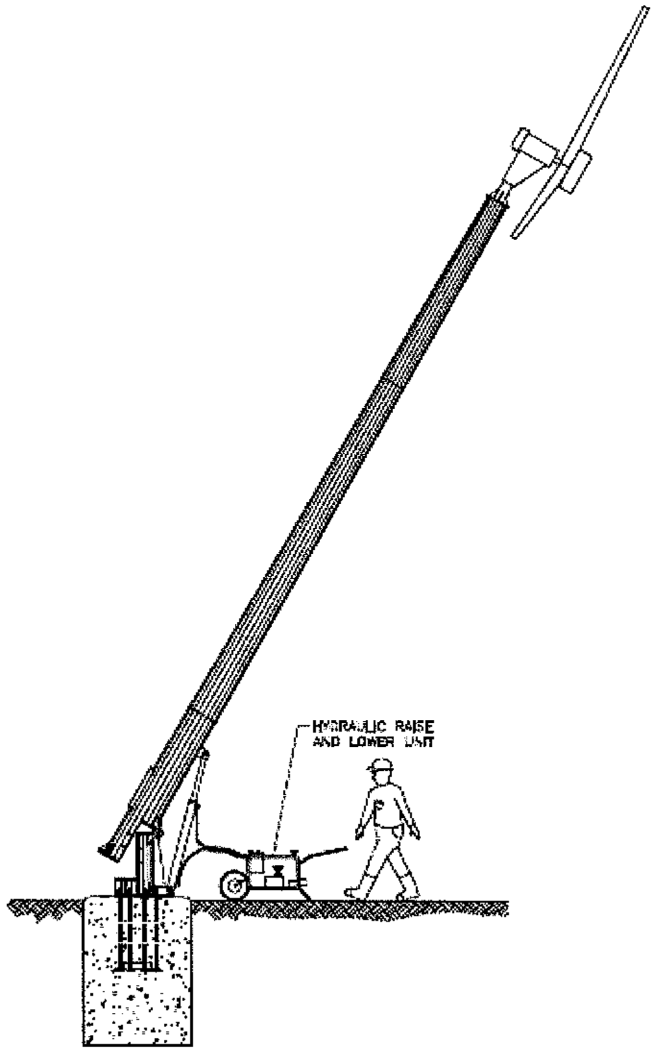
1. MATERIALS: STEEL TO BS EN 10025. S275. HOT DIP GALVANISED THROUGHOUT TO BS EN ISO 1461 AFTER FABRICATION. HOLDING-DOWN BOLTS SELF-COLOUR.

2. CONSTRUCTION: FOLDED AND WELDED HALF-SHELLS MAKING EIGHTEEN-SIDED TAPERED STEEL SECTIONS UPTO 5.9 METRES LONG. SPLIT-STYLE PEDESTAL INCORPORATES VENTILATION FOR CONTROL GEAR AND IS FULLY STIFFENED. WITH OPEN BASE-FLANGE AND IN-SITU HINGE SHAFT. PERMANENT ASSEMBLY COLUMN/PEDESTAL BY 8 No. FLANGE BOLTS AND 8 No. STITCH BOLTS.

3. ERECTION/MAINTENANCE UNIT: SELF-CONTAINED THREE WHEELED MOBILE HYDRAULIC RAISE AND LOWER UNIT WITH PAINTED FINISH INCORPORATES HYDRAULIC PUMP POWERED BY QUIET HANDSTART PETROL ENGINE (OR DIESEL OPTION AT EXTRA COST). FLEXIBLE HOSES INCLUDE FAILURE PROTECTION VALVES. TYPICAL RAISE OR LOWER PERIOD IS TEN MINUTES. A SINGLE UNIT CAN SERVE A NUMBER OF COLUMNS.

4. FOUNDATIONS: ALL COLUMN BASES ARE RETAINED USING EIGHT HOLDING-DOWN BOLTS. BLOCK DIMENSIONS ILLUSTRATED ARE SUGGESTED ONLY IN GOOD COHESIVE SOIL. LOADING DETAILS OR ALTERNATIVE PROPOSALS ARE AVAILABLE ON REQUEST.





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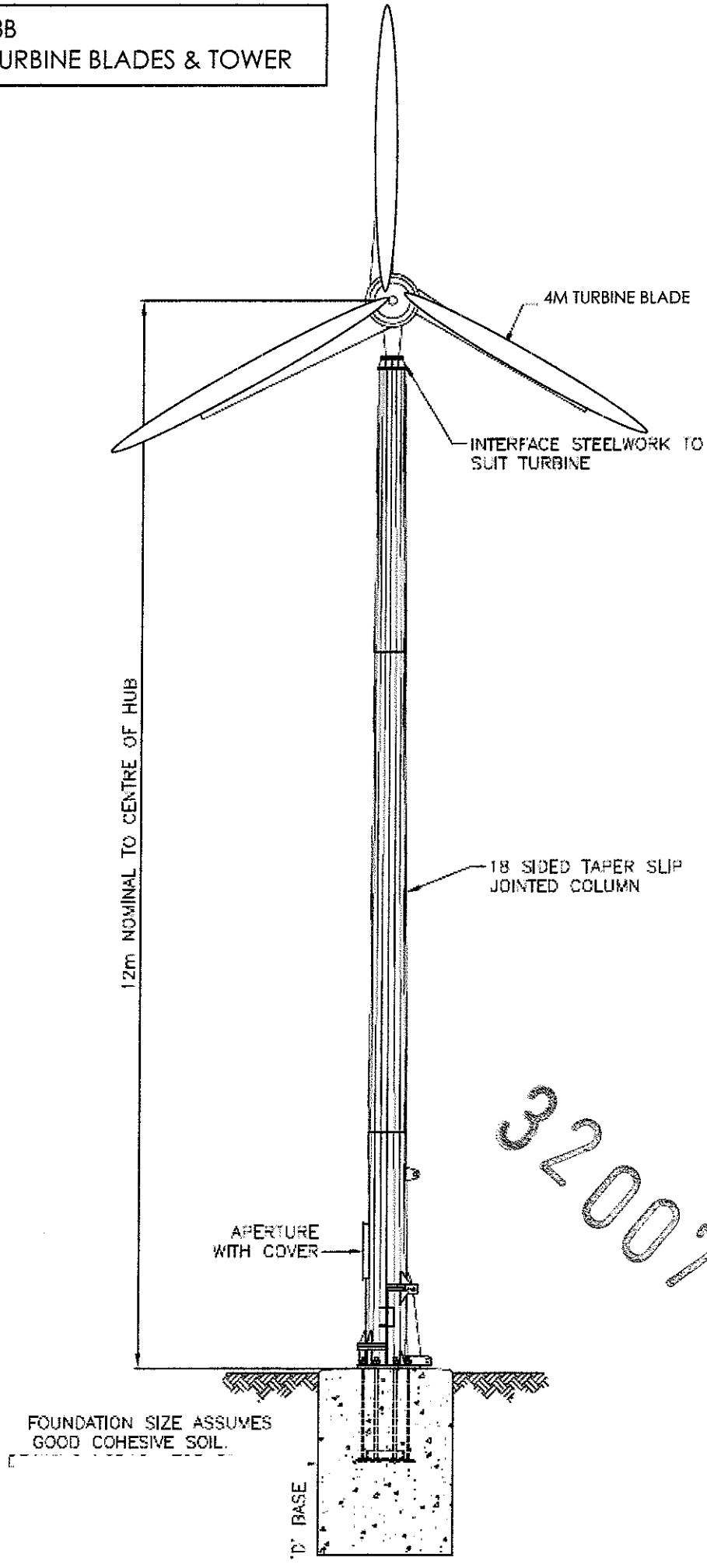
ENERGEVER .com
ENERGY... FOR EVERYONE... FOREVER

ENERGEVER TOWERMASTER 'D' BASE LUMESCAN WIND TURBINE COLUMN

TOWERMASTER LIMITED, SPRINGWOOD INDUSTRIAL ESTATE, BRAINTREE, ESSEX CM7 2YN, ENGLAND. TEL: +44(0) 1376 324809 FAX: +44(0) 1376 552298 e-mail sales@towermaster.co.uk

PLAN 3B
10kw TURBINE BLADES & TOWER



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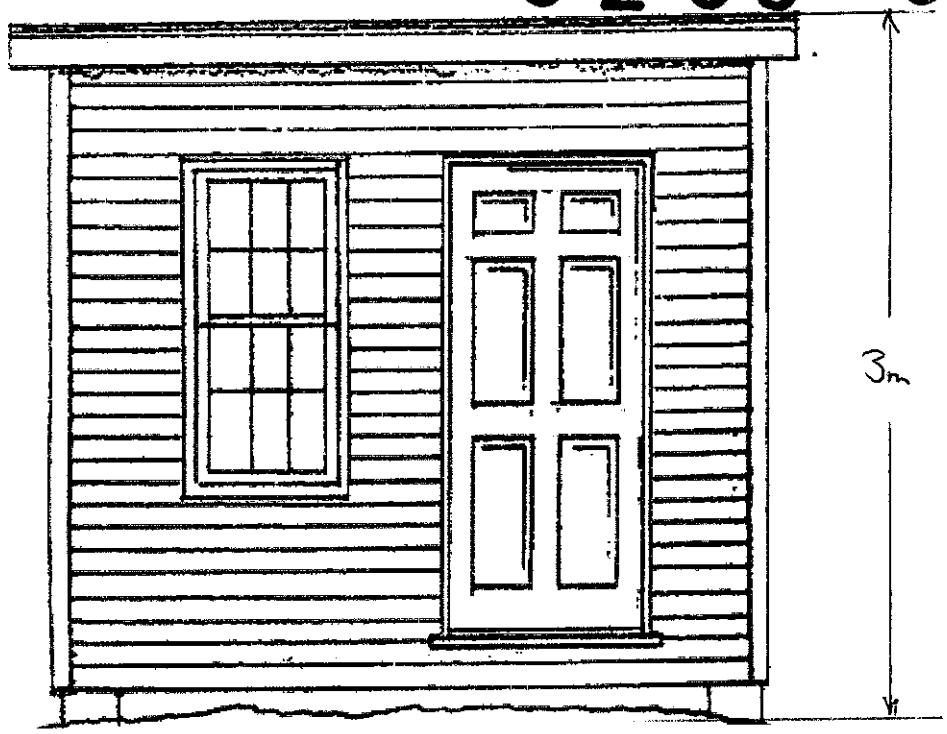
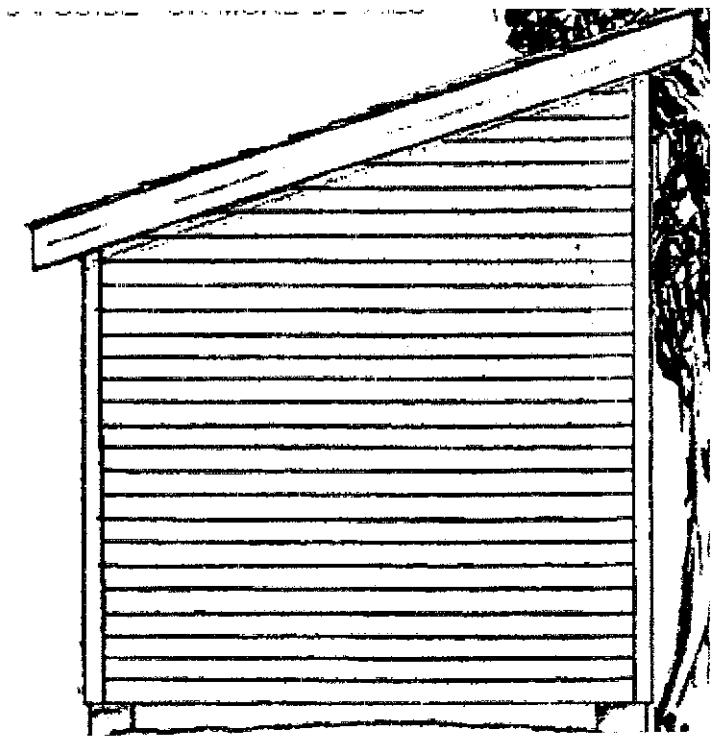


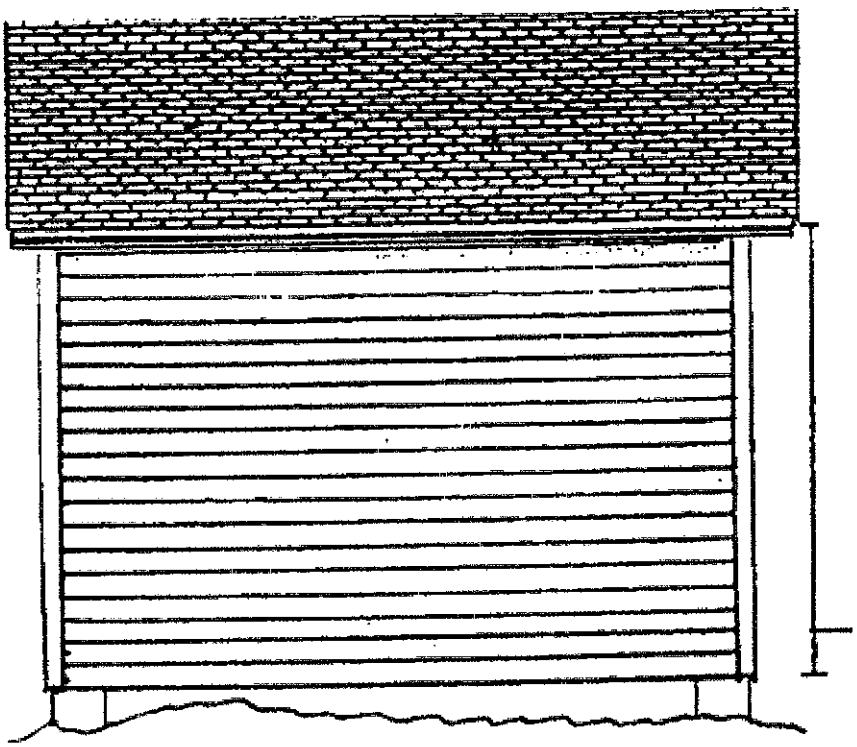
←---------- 3m----------→

Front elevation



←----------2.8m----------→

Side elevation



Rear elevation

PROPOSED CUTTOCK CLOUGH BARN WIND GENERATOR
STANDARD PENT SHED DETAIL

CUTTOCK CLOUGH BARN - Proposed Wind Turbine
LANDSCAPE IMPACT FROM KEY POINTS ON B6478

Looking S to Cuttock Clough from Waddington Fell Car Park & Viewpoint

Looking SE to Cuttock Clough from lay-by on Fell Road

CUTTOCK CLOUGH BARN - Proposed Wind Turbine
VIEWS FROM THE SITE

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LINE OF BRIDLEWAY

LOOKING WEST FROM THE PROPOSED TURBINE LOCATION

LINE OF BRIDLEWAY

LOOKING EAST FROM THE PROPOSED TURBINE LOCATION

CUTTOCK CLOUGH BARN - Proposed Wind Turbine
VIEWS AROUND THE SITE

Looking W along the bridleway towards Cuttock Clough House

Looking E along the bridleway from a location adjacent to Cuttock Clough House

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Planning Statement

CUTTOCK CLOUGH BARN WIND TURBINE

Proposal

Installation of a 20 Kw domestic wind powered generator on a 12 m mast on land to the east of Cuttock Clough Barn plus the erection of a 3m x 3m x 2.8m pent roof wooden shed to house switchgear. The generator tower will be free standing.

Location Characteristics

The site is located on gently sloping ground about 500m to the east of the B6478. It is almost exactly midway between Waddington Village and Waddington Fell Quarry. The Mill Lane public right of way passes in close proximity to the site. The proposed development will have limited impact on it and will eventually be screened from it by proposed additional planting to gap up existing hedgerows [see Planting Plan]. Other PROWs, Moorcock Inn/Mill Lane/Dove Sike and Moor Lane, are about 500m and 400m from it at their closest points. Its visual impact from the public road [B6478] is limited.

There is a group of attractive residential buildings at Cuttock Clough itself. The occupants have been consulted about the proposal and have not raised any objections. In any event the turbine is about 400m away and not visible from any of the properties.

The site and surrounding land is largely level or gently sloping. It is semi-improved grassland with some areas of hard rush [juncus effusus] and has little of biodiversity interest. There are some remnant hedgerows which have now been extensively replanted and small pockets of tree and scrub. The proposal does not impact on any of these features.

There are a number of water courses close to the site, although none directly in it. However, during construction, measures will be taken to contain run-off from the working area. These will include amongst other things, silt traps and an agreed scheme for dealing with accidental spillages.

The proposed site has been selected so that the turbine is not in the field of view of any neighbouring property. Together with its distance from footpaths and roads, this minimises any impact of the proposed generator and mast in the wider landscape whilst optimising the main technical and practical operation.

The primary consideration for such a projects success is the availability and exposure to suitable wind levels. In terms of a wind generation proposal, the site is well located having an uninterrupted west and south facing aspect. Prevailing winds here are from the SW and there are few ground features to give interruption to wind flow. Moving the turbine any nearer to Cuttock Clough Barn would decrease turbine efficiency because of increased risk of turbulence.

Sustainability

The property to be served by the turbine is totally dependent on remotely generated electricity and fossil fuel (oil) for heating. The electricity usage at Cuttock Clough Barn is 34,000 Kwh which is approximately 7 times the usage of the "average" domestic property [see Appendix 1]. The generator will take maximum advantage of the exposed windy location and supply all domestic energy consumption thereby largely eliminating dependency on fossil fuels and eliminating attendant emissions. There will still be a need for back-up fuel supply at times of low wind and during turbine maintenance periods.

Policy Context
We acknowledge that there are policy issues with this type of development in this location. However, we would submit the following in support of the application :

1 Forest of Bowland AONB

The development site sits within a landscape of gently sloping semi-improved pasture. It is part of the Bowland Gritstone Fringes Moorland Character Area. There is some degradation of the landscape here through hedgerow loss and the land quality is poor, with significant areas of hard rush within the pasture. The land itself is grazed, primarily by sheep. My client has begun a programme of landscape renewal including the provision of new hedgerows, fences and stiles. The area has largely enclosed views to 3 sides. That enclosure is provided by tree belts, hedgerow trees and remainder hedgerows. Views out are mainly to the south across the Ribble Valley towards Pendle Hill and Nick of Pendle. This view is also impacted upon by the Castle Cement Complex.

It is acknowledged that the proposed turbine is not a traditional structure. However, the size of turbine reflects the power requirement of my client's property and its output will significantly reduce Cuttock Clough Barn's requirement for fossil fuel. One of the reasons this specific location for the proposal was chosen was to minimise any impact on the AONB landscape and on the enjoyment of it by AONB visitors and residents.

In terms of impact on the wider landscape of Bowland, there are 2 key public access points from which its impact should be judged. These are Waddington Fell Viewpoint on the B6478, Fell Road, and the layby to the NE of the Moorcock Inn, again on the B6478. [see illustration 'Landscape Impacts']. In both instances the proposal would not be visible. The Cement Works in the Ribble Valley and Pendle Hill are the dominant landscape components from these locations.

The Forest of Bowland is quite rightly a nationally recognised landscape of quality. There are many ways in which that landscape can be compromised. Amongst those is the need to supply power to relatively remote communities and homes. That power is invariably supplied using overhead lines which have a negative landscape impact. The supply of on site power using natural resources helps to reduce such impacts. Additionally the reduction in the need to deliver fossil fuels, in my client's case oil, by vehicle also contributes to the reduction of environmental impacts.

The interpretation of nationally designated landscape policies, including AONBs, would not appear to preclude renewable energy development. For example, the deposit stage of the Cumbria and Lake District Joint Structure Plan allows for the consideration of small single turbines with a hub height of up to 25m. What is of concern is landscape fit and an impact which is essentially neutral or enhancing. The Lancashire Joint Structure Plan Supplementary Study – Landscape Sensitivity to Wind Energy Development in Lancashire – does not preclude developments in sensitive areas such as Bowland Gritstone Fringes. It does however place a strong emphasis on the appropriateness of location and the development scale.

It is submitted that because of its careful siting and scale, the proposal would have no impact on the landscape of the Forest of Bowland AONB and therefore would not be contrary to policy G1, ENV1, ENV24, ENV25 and ENV26 of the Districtwide Local Plan.

2 Impact on the adjacent public right of way and nearby dwellings

The nearest domestic properties are Seedalls Farm [140m] and properties including Cuttock Clough House [80m]. Neither property has a direct view of the proposed turbine from living accommodation. In both instances there is significant tree growth between them and the proposal site which further minimises visual impact.
Please see attached illustration 'Views to Neighbouring Properties'.

The bridleway is part of a wider network linking along Moor Lane and going south to West Bradford and north onto open moorland at Waddington and Bradford Fells. With regard to its users, as with the nearby properties, this impact is comparatively minor. Approaching from the west, because of tree and hedge growth, the turbine would not be visible until users are within 20m of it. From the east it would be about 80m.
My client has planted extensive new hedgerows along the bridleway boundary in the past 5 years and these are now becoming established. These will reinforce the visual screen. He proposes to reinforce the hedgerows indicated on the attached 'Planting Plan' with additional planting.

We have consulted the Planning Authority with a range of possible locations for the turbine. We have however, reconsidered these and feel they would have a negative impact on the visual amenity of neighbouring properties. The location chosen still provides good prevailing conditions [there is a significant stretch of clear ground to the W and SW] whilst reducing that impact virtually to zero.

For these reasons we submit that the proposal will have no impact on nearby residents and very minor and transitory impact on users of the right of way. Therefore it is not contrary to Policy G1 of the Districtwide Local Plan.

3 Precedent

The policy frameworks from PPS22 to Regional Planning Guidance downwards all provide environmental safeguards in connection with proposed renewable energy developments and their potential proliferation. These centre on landscape fit and appropriate scale As we have argued above in this submission, we feel that this proposal respects the landscape of the AONB, takes account of impact on neighbour properties and makes a positive contribution to the wider national goal of reduction of carbon emissions through utilisation of renewable energy sources.

Public policy now recognises and accepts the importance of promoting sustainable energy development, including the provision of renewable energy. National guidance is set out in Planning Policy Statement 22 : Renewable Energy (2004) and emphasises the need to support development proposals for renewable energy. This is interpreted in the Districtwide Local Plan policy ENV8:

> 'Proposals for renewable energy will be permitted when it can be shown that the installation, its associated infrastructure and operation will not have an unacceptable adverse impact on the environment and amenity of neighbouring uses by virtue of its size, siting, design, noise, emission or waste production.'

Although a policy review is taking place through the LDF process, the Government's position through the enactment of legislation such as The Climate Change and Sustainable Energy Act 2006 would suggest such policies are at least likely to be retained if not strengthened.
This legislation places significant responsibilities on local councils to save energy and for national targets to be set for small scale generation of electricity by such means

as this particular application. A review of permitted development orders is also included as a lever to achieve the said targets.

Design
The design details form part of the submitted drawings. The turbine will be mounted on a free standing 12m mast [NB this is significantly lower than the previous submission]. The turbine and blades are finished in white.

Conclusion
This is a small scale proposal wholly in line with Government thinking on renewable energy. We submit that, through its careful siting, it meets the criteria set out in ENV Policy 8 and does not compromise the protection afforded to the Forest of Bowland AONB by Policy ENV 1.

28 September 2007

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CUTTOCK CLOUGH BARN ELECTRICITY DEMAND					
18-Jan-07					
					Total
Day	Primary	232		£0.1844	42.7808
Day	Secondary	898		£0.1084	97.3432
Night			7249	£0.0437	316.7813
17-Oct-06					
Day	Primary	62		0.164	10.168
Day	Secondary	313		0.1008	31.5504
Night			1083	0.0364	39.4212
Day	Primary	138		0.1844	25.4472
Day	Secondary	702		0.1084	76.0968
Night			2426	0.0437	106.0162
27-Jul					
Day	Primary	224		0.164	36.736
Day	Secondary	2979		0.1008	300.2832
Night			5232	0.0364	190.4448
27-Apr-06	From 4 Feb				
Day	Primary	77		0.1197	9.2169
Day	Secondary	983		0.0933	91.7139
Night			2262	0.0314	71.0268
Day	Primary	118		0.164	19.352
Day	Secondary	1336		0.1008	134.6688
Night			3101	0.0364	112.8764
04-Feb-06	From 11 Jan				
Day	Primary	235		0.1197	28.1295
Day	Secondary	1031		0.0933	96.1923
Night			3433	0.0314	107.7962
		9328	24786		1944.042
Total		**34114**			