



RIBBLE VALLEY
BOROUGH COUNCIL

19 SEP 2011

FOR THE
ATTENTION OF

For office use only

Application No

320110758 P

Date received

Fee paid £

Receipt No:

Council Offices, Church Walk, Clitheroe, Lancashire. BB7 2RA Tel: 01200 425111 www.ribblevalley.gov.uk

Householder Application for Planning Permission for works or extension to a dwelling.
Town and Country Planning Act 1990

Publication of applications on planning authority websites.

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website.
If you require any further clarification, please contact the Authority's planning department.

1. Applicant Name, Address and Contact Details

Title:	Dr	First name:		Surname:	Pavey
Company name:					
Street address:	North Barn				Country Code
	Higher Greystoneley				National Number
					Extension Number
Town/City:	leagram				Telephone number:
County:					Mobile number:
Country:	preston				Fax number:
Postcode:	PR3 2QT				Email address:
Are you an agent acting on behalf of the applicant?					<input checked="" type="radio"/> Yes <input type="radio"/> No

2. Agent Name, Address and Contact Details

Title:	Mr	First Name:	Stephen	Surname:	Rogerson
Company name:	S.A.Rogerson				
Street address:	Chapel View				Country Code
	Sarson Lane				National Number
	Amport				Extension Number
Town/City:	Andover				Telephone number:
County:	Hampshire				Mobile number:
Country:	United Kingdom				Fax number:
Postcode:	SP11 8AA				Email address:
					rogerson2000@hotmail.com

3. Description of Proposed Works

Please describe the proposed works:

Addition of solar PV panels to garage roof

Has the work already been started
without planning permission?

☐ Yes ☒ No

4. Site Address Details

Full postal address of the site (including full postcode where available)

Description:

House:	<input type="text"/>	Suffix:	<input type="text"/>
House name:	NORTH BARN		
Street address:	<input type="text"/>		
	LEAGRAM		
Town/City:	PRESTON		
County:	<input type="text"/>		
Postcode:	PR3 2QT		
Description of location or a grid reference (must be completed if postcode is not known):			
Easting:	364480		
Northing:	445737		

5. Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicle access proposed to or from the public highway?

☐ Yes ☒ No

Is a new or altered pedestrian access proposed to or from the public highway?

☐ Yes ☒ No

Do the proposals require any diversions, extinguishment and/or creation of public rights of way?

☐ Yes ☒ No

6. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

☐ Yes ☒ No

7. Trees and Hedges

Are there any trees or hedges on your own property or on adjoining properties which are within falling distance of your proposed development?

☐ Yes ☒ No

Will any trees or hedges need to be removed or pruned in order to carry out your proposal?

☐ Yes ☒ No

8. Parking

Will the proposed works affect existing car parking arrangements?

☐ Yes ☒ No

9. Authority Employee/Member

With respect to the Authority, I am:

- (a) a member of staff
- (b) an elected member
- (c) related to a member of staff
- (d) related to an elected member

Do any of these statements apply to you?

☐ Yes ☒ No

10. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

☒ Yes ☐ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? (Please select only one)

☐ The agent ☒ The applicant ☐ Other person

11. Materials

Please state what materials (including type, colour and name) are to be used externally (if applicable):

Roof - description:

Description of *existing* materials and finishes:

Grey tiles/slates

Description of *proposed* materials and finishes:

Addition of 18 x HJM190 Solar PV panels, (to each roof slope. See product data sheet

Are you supplying additional information on submitted plan(s)/drawing(s)/design and access statement?

☒ Yes ☐ No

If Yes, please state references for the plan(s)/drawing(s)/design and access statement:

Dwg 1&2 & product sheet

12. Certificates (Certificate A)

320110758P

Certificate of Ownership - Certificate A**Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12**

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner (owner is a person with a freehold interest or leasehold interest with at least 7 years left to run) of any part of the land or building to which the application relates.

Title: First name: Surname:
Person role: Declaration date: ☒ Declaration made

12. Certificates (Agricultural Land Declaration)**Agricultural Land Declaration****Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12**

Agricultural Land Declaration - You Must Complete Either A or B

(A) None of the land to which the application relates is, or is part of an agricultural holding

(B) I have/The applicant has given the requisite notice to every person other than myself/the applicant who, on the day 21 days before the date of this application, was a tenant of an agricultural holding on all or part of the land to which this application relates, as listed below:

If any part of the land is an agricultural holding, of which the applicant is the sole tenant the applicant should complete part (B) of the form by writing 'sole tenant - not applicable' in the first column of the table below

Title: First Name: Surname:
Person role: Declaration date: ☒ Declaration Made

13. Declaration

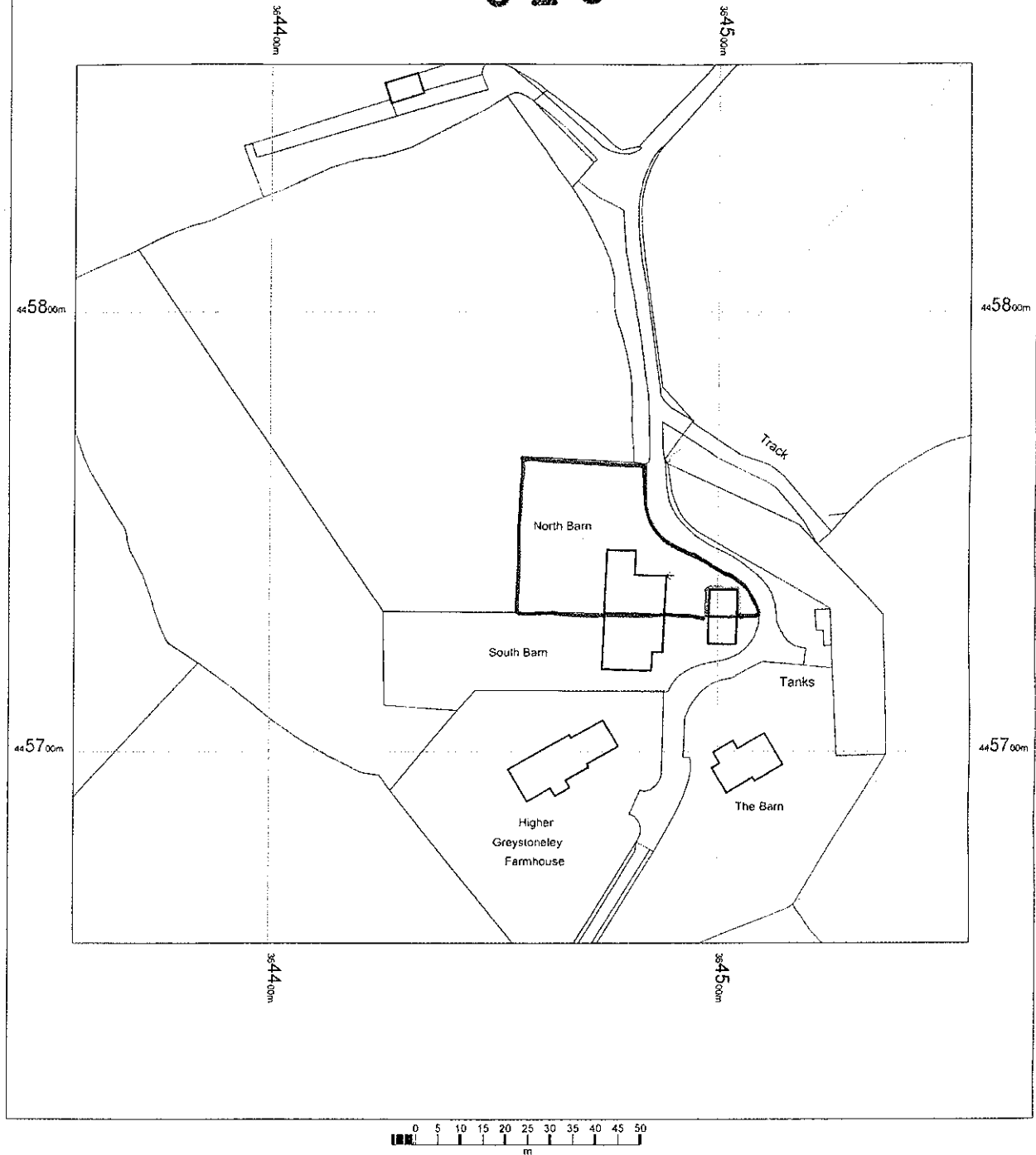
I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information.



Date

North Barn

320110758P



North Barn
Higher Greystoneley
Chipping
PR3 2QT

OS Mastermap
12 September 2011, ID: BLJT-00094339
www.planningapplicationmaps.co.uk

1:1250 scale print at A4 Centre: 364456 E 445756 N

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LOCATION
PLAN



blue
mapping

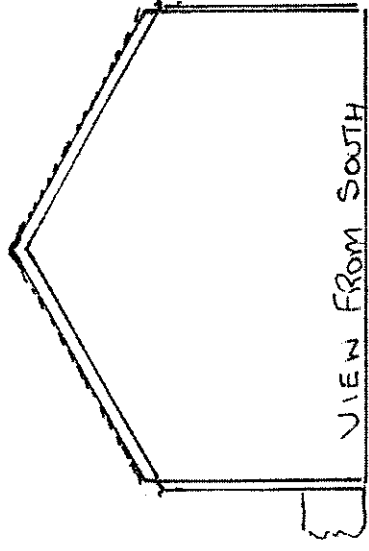
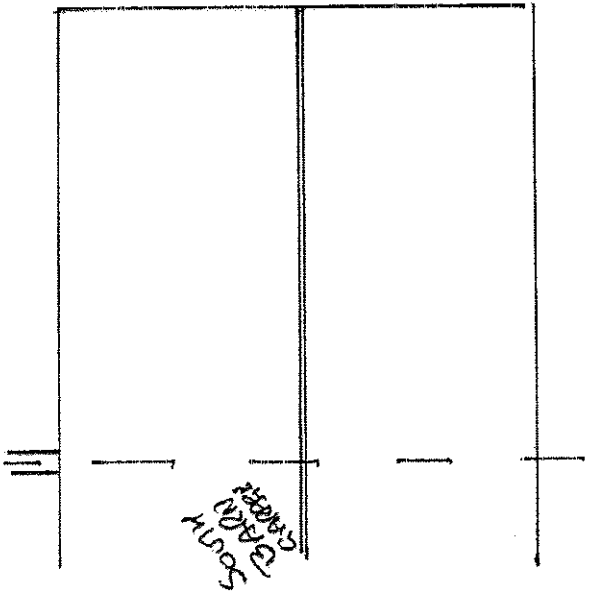
DRAWING 1 of 2
 GARAGE AT
 NORTH BARN
 HIGHER GREYSTOULEY
 HEARON PRESTON
 PR3 2 QT

320110758P

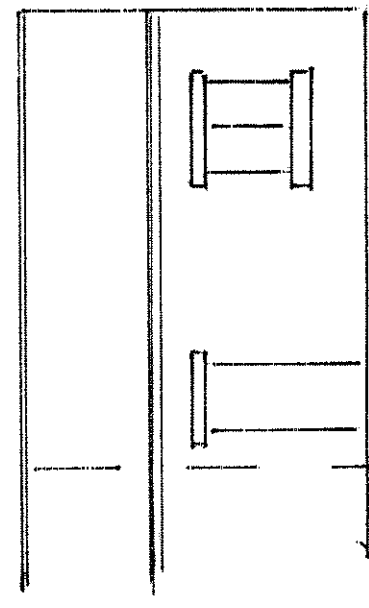


EXISTING

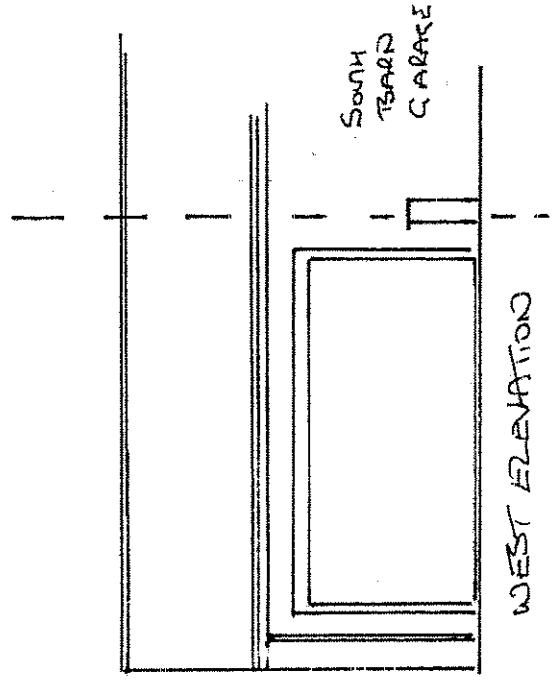
PLAN VIEW



VIEW FROM SOUTH



REAR/EAST
 ELEVATION



WEST ELEVATION

FOR DR. PANEY
 SCALE
 1/100 Q A4
 12M
 10.0.0.0

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→ N

DRAWING 2 OF 2

CARAGE AT

NORTH TARN

HICHER GREYSTOULEY

HEARHAM PRESTON

PR3 2 QT

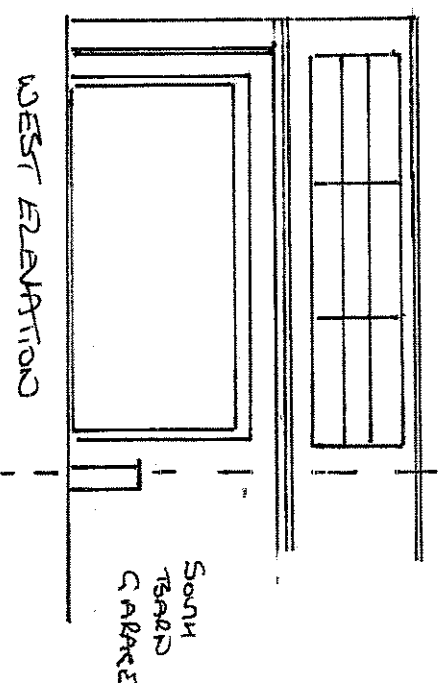
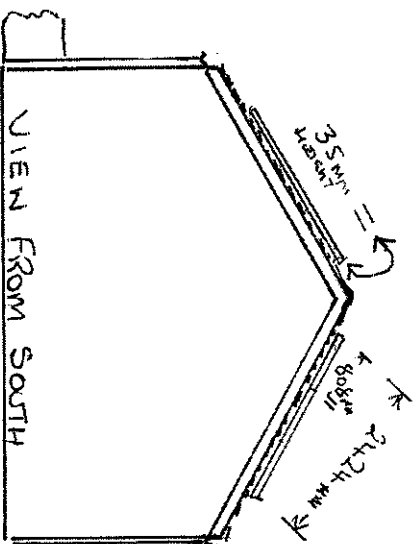
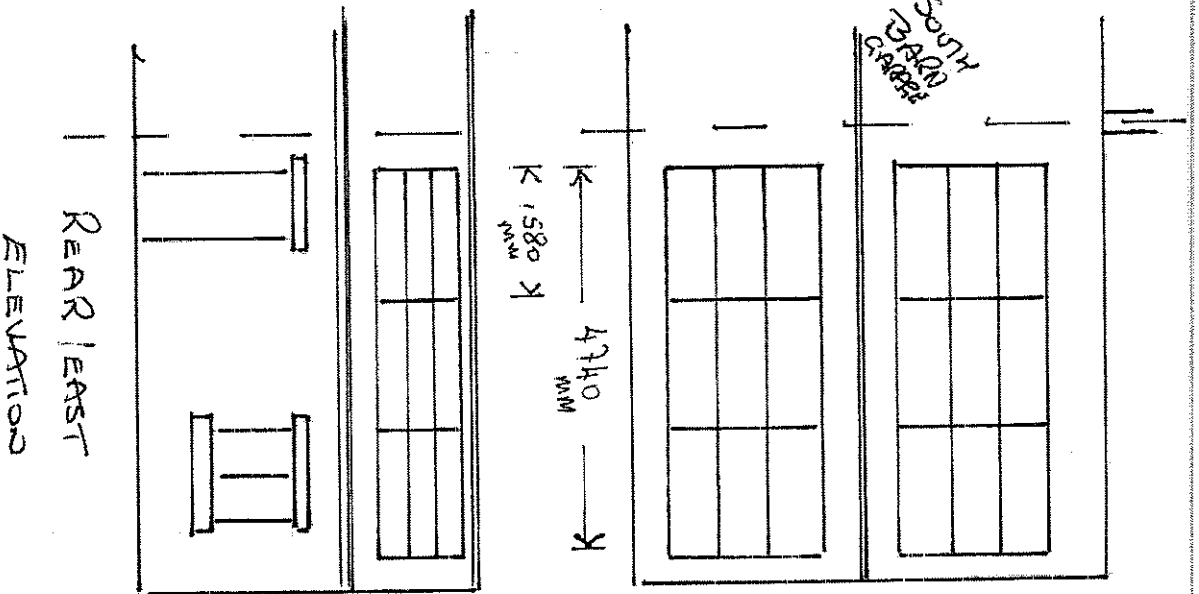
PLAN VIEW

PROPOSED
INSTALLATION
OF

18 SOLAR PV PANELS

4.1M 190

9 TO EACH ROOF SLOPE



REAR ELEVATION

WEST ELEVATION

FOR DR PAVEY

SCALE

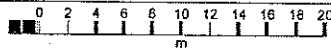
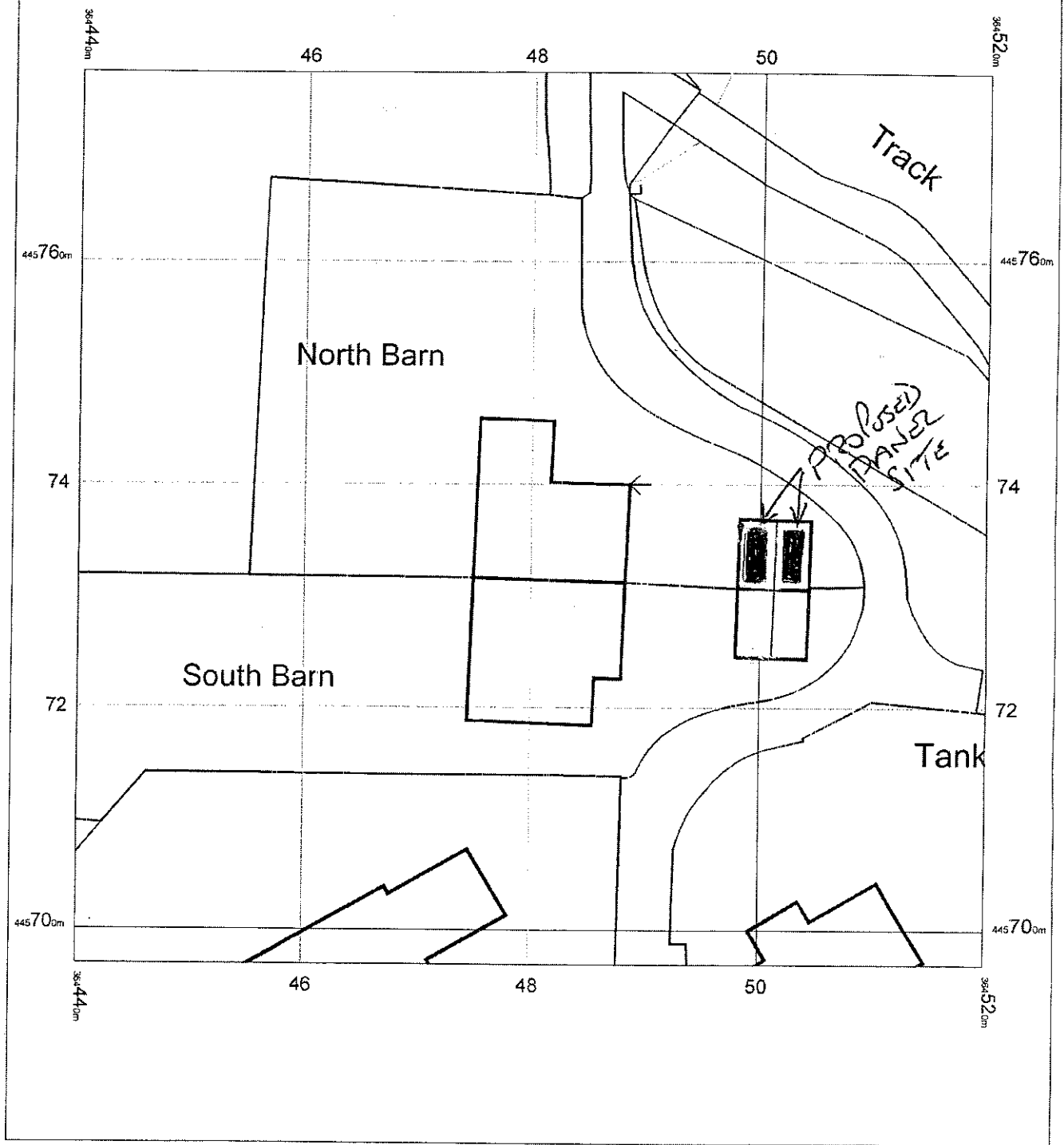
1:100 @ A4

1m

Shedden

North Barn

320110758P



North Barn
Higher Greystoneley
Chipping
PR3 2QT

OS Mastermap
12 September 2011, ID: BLJT-00094338
www.planningapplicationmaps.co.uk

1:500 scale print at A4. Centre: 364480 E 445737 N

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Block
PLAN



320110758P

Design And Access Statement

The proposal is to install Solar Photovoltaic panels on garage roof of North Barn, Higher Greystoneley, PR3 2QT

The property is a large semi-detached converted barn, with a separate double garage in its own gardens. The installation of panels such as these is in accordance with government and local authority green and renewable energy policies.

The panels will provide a source of free, pollution free electricity for the homeowner, with any spare energy generated being put into the national grid.

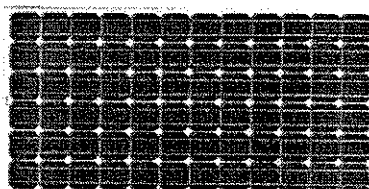
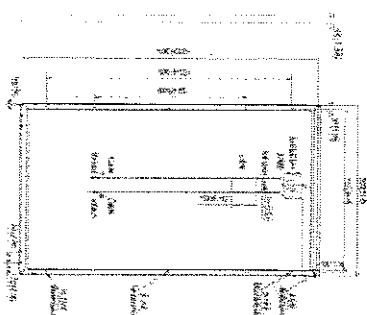
This will reduce reliance on fossil fuel generated electricity and contribute to reduction of pollution.

When considering the siting of the panels, account was taken of the position of the property so a site with minimum impact was looked for. Whilst the main house roof would be an optimum site, it was considered to have a lot less impact on the area, by siting on the east and west faces of the garage roof.

The minor visual impact is more than surpassed by the energy saving and environmental benefits.

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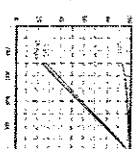
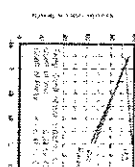
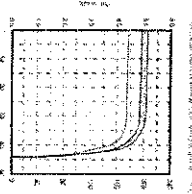
HJM1920M-24



Electrical Characteristics					
Model type	HJM190K-24	HJM185M-24	HJM180M-24	HJM185M-20	HJM200M-24
Peak power (P _{max})	180W	183W	180W	170W	180W
Cell type					
Maximum power voltage (V _{mp})	35.8V	36.7V	36.7V	37.8V	37.8V
Maximum power current (I _{mp})	4.92	5.04	5.10	5.20	5.20
Open circuit voltage (V _{oc})	43.92	44.66	44.06	44.46	44.66
Short circuit current (I _{sc})	5.31	5.44	5.67	5.62	5.71
Maximum system voltage	TUV ENEC 1000VAC, ENEC/IEC 1000VDC				
Temp. Coeff. of Isc (TK Isc) Temp. Coeff. of Voc (TK Voc) Temp. Coeff. of Pmax (TK Pmax)	0.037 %/°C -0.34 %/°C -0.27 %/°C				
Normal operating cell temperature	45 ± 2 °C				
Power tolerance	±3.3%				
Standard test conditions (STC)	Spectrum AM1.5, 1000W/m ² , Module temperature 25°C				

Mechanical Characteristics

Dimension (mm)	1140±50B×435 mm
Weight (kg)	16.5 kg
Solar cells	72 cells (125 mm x 125 mm) configured geometrically for a 6 x 12 matrix connected in wires
Output cable length (mm)	600
Construction	Front: High transmission 3.2 mm tempered glass. Back: White backsheet, Encapsulant, EVA.



Qualification Test

Temperature cycling range	-40°C to +85°C for 200 cycles
Damp heat test	85°C and 85 relative humidity for 1000h
Front & Rear static load test (eg. Wind)	2400Pa
Front load test (eg. Snow)	5400Pa
Haltions impact test	Zener's ball at 23m/s from 1m distance



Features

- High module conversion efficiency up to 15.6%.
- 25-year limited warranty on power output.
- 93% power output over 12 years.
- 80% power output over 25 years.
- Bypass diode minimizes the power drop caused by shade.
- Tempered glass, EVA resin, and weatherproof film and anodized aluminum frame for extended outdoor use.
- TUV, UL Listings UL 1703, IEC61215, IEC61730.

ZHEJIANG HENGJI PV-TECH ENERGY CO., LTD.

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