



FOR THE
ATTENTION OF

Application for Planning Permission. Town and Country Planning Act 1990

You can complete and submit this form electronically via the Planning Portal by visiting www.planningportal.gov.uk/apply

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.

Please complete using block capitals and black ink

It is important that you read the accompanying guidance notes as incorrect completion will delay the processing of your application

1. Applicant Name and Address

Title: First name:

Last name: **THE GOVERNING BODY**

Company (optional):

Unit: House number: House suffix:

House name: **ST WILFRIDS C OF E PRIMARY**

Address 1: **SCHOOL**

Address 2: **CHURCH STREET**

Address 3: **RIBCHESTER**

Town: **PRESTON**

County: **LANCASHIRE**

Country: **UK**

Postcode: **PR3 3XP**

2. Agent Name and Address

Title: First name:

Last name:

Company (optional):

Unit: House number: House suffix:

House name:

Address 1:

Address 2:

Address 3:

Town:

County:

Country:

Postcode:

3. Description of the Proposal

Please describe the proposed development, including any change of use:

INSTALLATION OF SOLAR PHOTO-VOLTAIC (PV) CELLS ON THE ROOFS OF RIBCHESTER ST WILFRIDS C OF E PRIMARY SCHOOL, ASPECTS SOUTH-SOUTH/WEST, ROOFS CHOSEN FOLLOWING PRE-PLANNING ADVICE DETAILED AT POINT 5.

Has the building, work or change of use already started?

☐ Yes

☒ No

If Yes, please state the date when building, work or use were started (DD/MM/YYYY):

(date must be pre-application submission)

Has the building, work or change of use been completed?

☐ Yes

☒ No

If Yes, please state the date when the building, work or change of use was completed: (DD/MM/YYYY):

(date must be pre-application submission)

Address Details

Please provide the full postal address of the application site

Unit:	☐	House number:	☐	House suffix:	☐
House name:	ST WILFRIDS COTE PRIMARY SCHOOL				
Address 1:	CHURCH STREET				
Address 2:	RIBCHESTER				
Address 3:					
Town:	PRESTON				
County:	LANCASHIRE				
Postcode (optional):	PR3 3XP				
Description of location or a grid reference (must be completed if postcode is not known):					
Easting:			Northings:		
Description: SCHOOL BUILDINGS					

5. Pre-application Advice 320 110615P

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

☒ Yes ☐ No

If Yes, please complete the following information about the advice you were given. (This will help the authority to deal with this application more efficiently).

Please tick if the full contact details are not known, and then complete as much as possible: ☐

Officer name:

① ADRIAN DOWD ② JONATHAN HAINE

Reference:

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Date (DD/MM/YYYY):
(must be pre-application submission)

① 6 JULY 2009
② 2 NOV 2010

Details of pre-application advice received?

① PROPOSED ELEVATIONS WOULD BE HARMFUL TO CHARACTER AND APPEARANCE OF RIBCHESTER CONSERVATION AREA
② OTHER AREAS OF SOUTH FACING ROOF COULD BE USED WHICH ARE LESS VISIBLE

6. 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

Are there any new public roads to be provided within the site?

☐ Yes ☒ No

Are there any new public rights of way to be provided within or adjacent to the site?

☐ Yes ☒ No

Do the proposals require any diversions /extinguishments and/or creation of rights of way?

☐ Yes ☒ No

If you answered Yes to any of the above questions, please show details on your plans/drawings and state the reference of the plan (s)/drawings(s)

7. Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

☐ Yes ☒ No

If Yes, please provide details:

Have arrangements been made for the separate storage and collection of recyclable waste?

☐ Yes ☒ No

If Yes, please provide details:

8. 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

If Yes, please provide details of the name, relationship and role



Please consider the environment before printing this e-mail Do you *really* have to print it?

①

From: Adrian Dowd [mailto:Adrian.Dowd@ribblevalley.gov.uk]
Sent: 06 July 2009 12:01
To: mark@energiplc.com
Cc: Graeme Thorpe
Subject: RE: Ribchester School Solar PV?

Dear Mark,

The photo appears to show the intended installation of the solar panels on the prominent Church Street elevations. Mindful of this prominence and the school's Building of Townscape Merit status within the Ribchester Conservation Area Appraisal I believe the proposal would be harmful to the character and appearance of Ribchester Conservation Area

However, these are my opinions as an officer of the Borough Council which will not prejudice any recommendation to or decision of the Borough Council

Yours sincerely,

Adrian Dowd

Principal Planning Officer (Design & Conservation)

Ribble Valley BC

-----Original Message-----

From: Mark Dickinson [mailto:mark@energiplc.com]
Sent: 06 July 2009 11:29
To: Adrian Dowd
Subject: RE: Ribchester School Solar PV?

Adrian,

Thanks for returning my call and for sending over the link.

As discussed I have attached an image of the school depicting the 2 suitable roof areas along with an image of a similar installation. Please note that for St Wilfrid's we are not

320110615 P

From: Robinson, Sarah F (NE) [mailto:sarah.f.robinson@naturalengland.org.uk]
Sent: 04 November 2010 13:46
To: Haine, Jonathan
Cc: RibbleB; 6070, head; Mark Dickinson
Subject: RE: Planning for PV and flag pole at Ribchester St Wilfrids Primary School

Dear Jonathan,

Thanks for your reply, it is really helpful. I would be very keen to talk through which other southern aspects you would recommend we investigate, if that would be OK?

In addition, I would be very grateful if you could give me a simple run through of our next steps in the process, assuming that we would like to go ahead with a planning application.

Many thanks

Dr Sarah Robinson
07884 234549

2 **From:** Haine, Jonathan [mailto:Jonathan.Haine@lancashire.gov.uk]
Sent: 02 November 2010 16:43
To: Robinson, Sarah F (NE)
Subject: RE: Planning for PV and flag pole at Ribchester St Wilfrids Primary School

Sarah, Sorry for not responding to you before now.

I have had a look at the information that you have provided along with the photos in Simon's email

I am of the view that planning permission would be required for both aspects of the development (the flag pole and the PV panels). Permitted development rights do exist for microgeneration equipment but only for domestic properties so those rights would not apply to a school site.

I do not consider that the flag pole would be a problem. However for the PV panels you need to be aware that the school is in a conservation area and therefore there are additional constraints to development in terms of affecting the visual appearance of buildings. I am not saying that your suggested location would not be acceptable but from examination of my air photographs it would

320110615 P

seem that there are other areas of south facing roof at the school that are less visible from the public highway and which therefore could be used for the PV panels without raising issues about their visual impact. Use of these other locations would therefore give your planning application an easier passage.

If you need any further advice please let me know.

Regards

Jonathan

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Jonathan Haine

Deputy Group Head - Development Management Group

Lancashire County Council Environment Directorate

Tel 01772 534130

From: Robinson, Sarah F (NE) [mailto:sarah.f.robinson@naturalengland.org.uk]

Sent: 05 October 2010 14:43

To: Haine, Jonathan

Cc: 6070, head; RibbleB

Subject: Planning for PV and flag pole at Ribchester St Wilfrids Primary School

Dear Jonathan,

Thank you very much for you time and advice this afternoon, it was very much appreciated.

We talked about the potential for a PV project at St Wilfrids, and you asked me to supply details of the project in order for you to advice as to whether planning permission would be required.

All I have at present from the developers is a photographic plan view of the school showing where the PV cells would be located in order to gain most sunlight

<<14470710C-PML.PDF>>

Materials

If applicable, please state what materials are to be used externally. Include type, colour and name for each material:

	Existing (where applicable)	Proposed	Not applicable	Don't Know
Walls			☒	☐
Roof			☒	☐
Windows			☒	☐
Doors			☒	☐
Boundary treatments (e.g. fences, walls)			☒	☐
Vehicle access and hard-standing			☒	☐
Lighting			☒	☐
Others (please specify)		SHARP PV CELLS (42 in total), DATA SHEET AND PHOTOS ATTACHED	☐	☐

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:

③ = TECHNICAL DATA SHEETS (x2)

④ = PHOTOGRAPH OF CELLS TO BE USED AND PHOTOGRAPHS SHOWING
INSTALLATION PROCESS.

10. Vehicle Parking

Please provide information on the existing and proposed number of on-site parking spaces:

Type of Vehicle	Total Existing	Total proposed (including spaces retained)	Difference in spaces
Cars	0	0	0
Light goods vehicles/ public carrier vehicles	0	0	0
Motorcycles	0	0	0
Disability spaces	0	0	0
Cycle spaces	0	0	0
Other (e.g. Bus)	0	0	0
Other (e.g. Bus)	0	0	0

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SHARP**NU Series (60 cells)
235 W**

Monocrystalline silicon photovoltaic modules



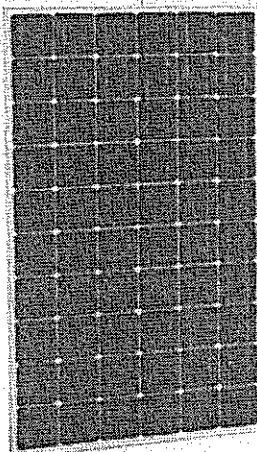
SAY YES TO SOLAR POWER!
Because it protects the climate.

Innovations from a photovoltaic pioneer

As a solar specialist with 50 years' experience in photovoltaics (PV) Sharp makes significant contributions to ground-breaking progress in solar technology.

Sharp photovoltaic modules in the NU series are designed for applications with high power requirements. These quality monocrystalline modules produce a continuous, reliable yield even under demanding operational conditions.

All Sharp NU series modules offer system integration which is optimal both technically and economically and are suitable for installations in on-grid PV systems.



Brief details for the installer

- 156.5 mm x 156.5 mm dark blue monocrystalline solar cells
- 60 cells in series
- 2 400 Nmm mechanical load-bearing capacity (245 kg/m)
- 1 000 V DC maximum system voltage
- IEC/EN 61215 IEC/EN 61730 Class II (VDE 40021391)

Product features

- High-performance photovoltaic modules made of dark blue monocrystalline (156.5 mm²) silicon solar cells with module efficiencies of up to 14.3 %
- Bypass diodes which minimise the loss in output when shading occurs
- Textured cell surface for particularly high electricity yields
- BSF structure (Back Surface Field) to optimise cell efficiency
- Use of tempered white glass, EVA plastic and weather protection film, as well as a silver anodised aluminium frame with drainage holes for long-term use
- Output connection cable with waterproof plug connector

Quality from Sharp

Benchmarks are set by the quality standards of Sharp Solar. Continual checks guarantee a consistently high level of quality. Every module undergoes visual, mechanical, and electrical inspection. This is recognisable by means of the original Sharp label, the serial number and the Sharp guarantee:

- 2 year product guarantee
- 10 year performance guarantee for a power output of 90 %
- 25 year performance guarantee for a power output of 80 %

The detailed guarantee conditions and additional information can be found at www.sharp.eu

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Mechanical data

Cell	Monocrystalline (156.5 mm) silicon solar cell
Quantity and wiring of cells	60 in series
Dimensions	1 652 x 994 x 45 mm (1.64 m)
Weight	20 kg
Connection type	Cable with plug connector (MC-3)

Limit values

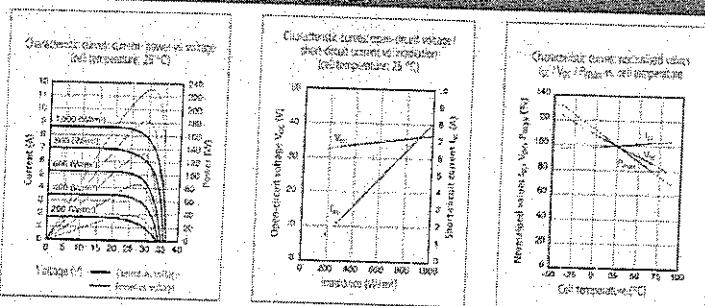
Operating temperature (cell)	-40 to +90	°C
Storage temperature	-40 to +90	°C
Maximum system voltage	1 000	V DC
Maximum mechanical load	2 400	N/m ²
Over-current protection	15	A

Electrical data

Made in EU		NU-E235 (E1)	
Maximum power	P_{max}	235	A _p
Open-circuit voltage	V_{oc}	37.0	V
Short-circuit current	I_{sc}	8.60	A
Voltage at point of maximum power	V_{mpp}	30.0	V
Current at point of maximum power	I_{mpp}	7.84	A
Module efficiency	η_m	14.3	%
NOCT		47.5	°C
Temperature coefficient - open circuit voltage	αV_{oc}	-130	mV/°C
Temperature coefficient - short circuit current	αI_{sc}	-0.053	%/°C
Temperature coefficient - power	αP_{max}	-0.485	%/°C

The electrical data applies under standard test conditions (STC): irradiation 1,000 W/m² with light spectrum AM 1.5 and a cell temperature of 25 °C. The rated electrical characteristics are subject to a manufacturing tolerance of -5% to +10%. NOCT conditions: irradiation of 800 W/m², ambient temperature of 20 °C and wind speed of 1 m/sec.

Characteristic curves NU-E235 (E1)

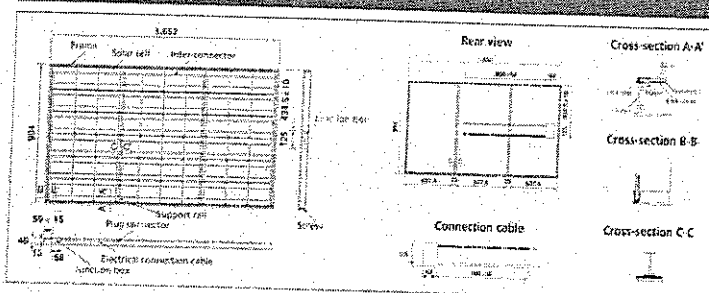


Applications

- On-grid PV systems
- Off-grid PV systems
- On-roof PV systems
- Ground mounted PV systems

Please read our detailed installation manual carefully before installing the photovoltaic modules.

Exterior dimensions



Note

Technical data is subject to change without prior notice. Before using Sharp products, please request the latest data sheets from Sharp. Sharp accepts no responsibility for damage to devices which have been equipped with Sharp products on the basis of unverified information.

The specifications may deviate slightly and are not guaranteed. Installation and operating instructions are to be found in the corresponding handbooks, or can be downloaded from www.sharp.eu.

This module should not be directly connected to a load.

Sharp Energy Solution Europe
a division of Sharp Electronics (Europe) GmbH
Sonnenstrasse 3 20097 Hamburg, Germany
Tel: +49 (0) 40 723 76-0 Fax: +49 (0) 40 723 76-21 93
www.sharp.eu

Local responsibility:

Austria
Solarinfo.austria@sharp.eu
Benelux
Solarinfo.benelux@sharp.eu
Central & Eastern Europe
Solarinfo.central@sharp.eu

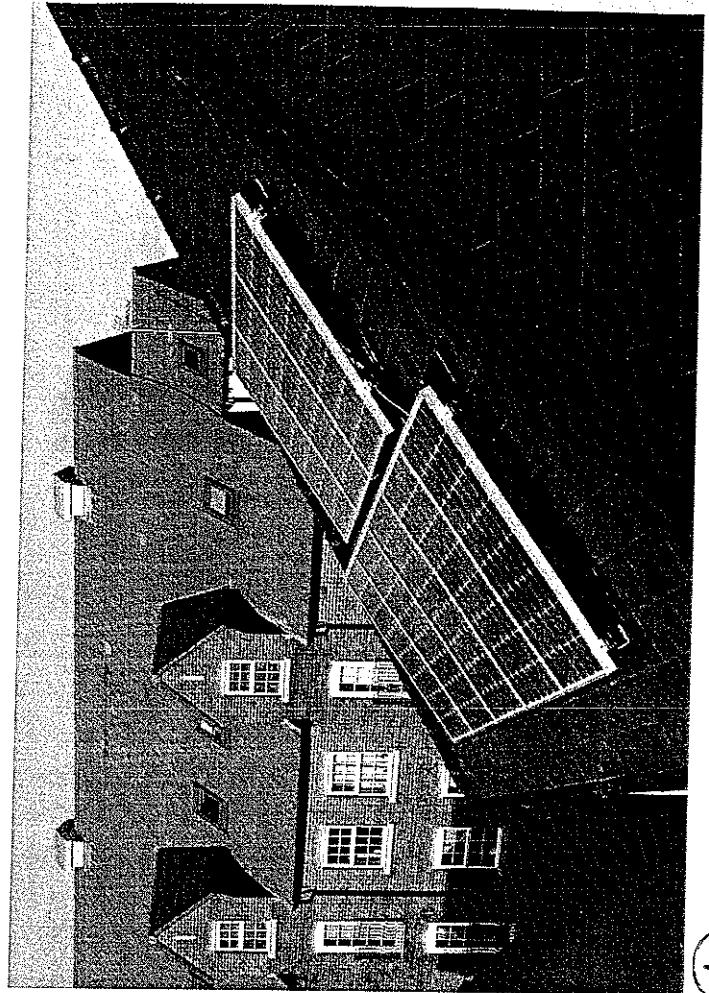
Denmark
Solarinfo.denmark@sharp.eu
France
Solarinfo.france@sharp.eu
Germany
Solarinfo.germany@sharp.eu

Scandinavia
Solarinfo.scandinavia@sharp.eu
Spain & Portugal
Solarinfo.spain@sharp.eu
Switzerland
Solarinfo.switzerland@sharp.eu
United Kingdom
Solarinfo.uk@sharp.eu

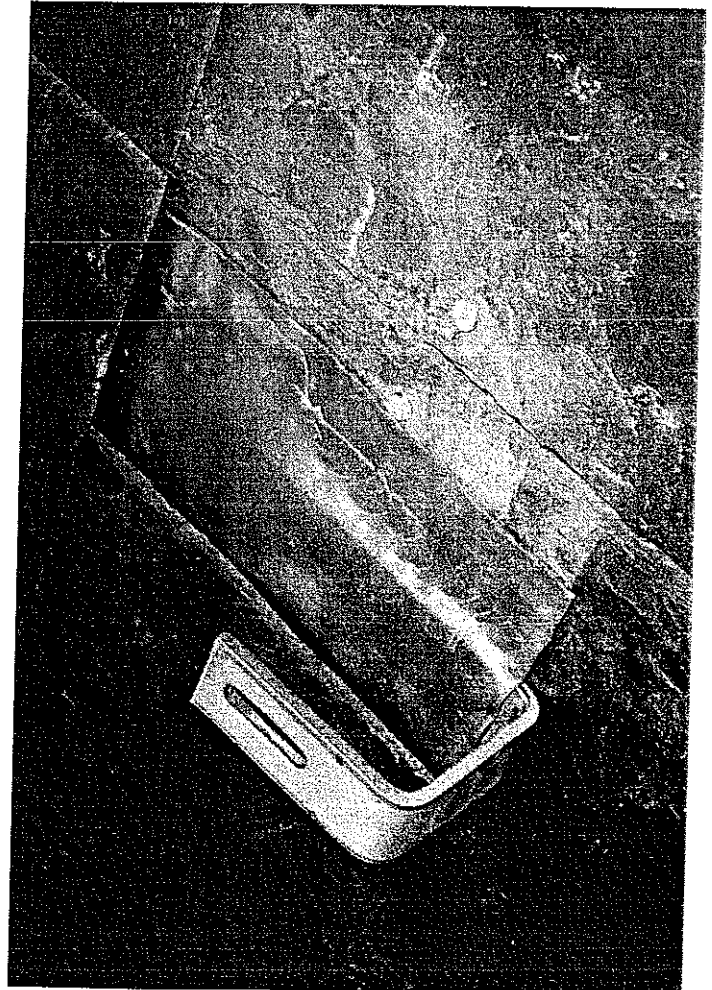
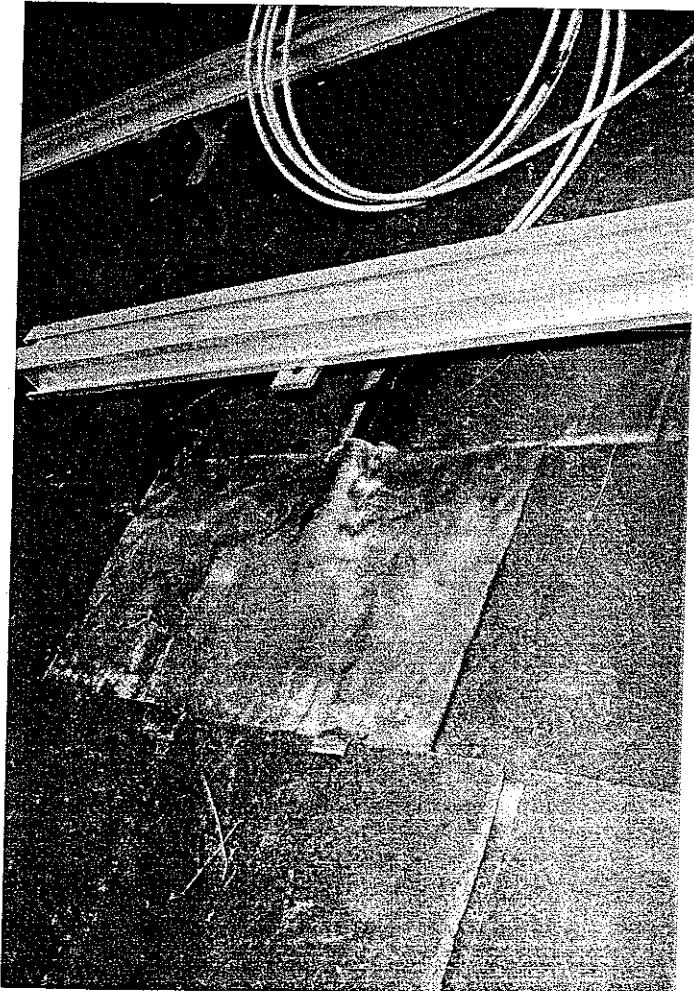
SHARP

Units 9A-9B Hurstwood Court, Lancashire Business Park
Farington, Leyland, Lancashire PR25 3UQ
Tel: 01772 643900 Fax: 01772 457687

energi
new energy pioneers



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Foul Sewage

n/a

Please state how foul sewage is to be disposed of:

- ☐ Mains sewer
 ☐ Cess pit
☐ Septic tank
 ☐ Other
☐ Package treatment plant

Are you proposing to connect to the existing drainage system? ☐ Yes ☐ No

If Yes, please include the details of the existing system on the application drawings and state references for the plan(s)/drawing(s):

12. Assessment of Flood Risk

Is the site within an area at risk of flooding? (Refer to the Environment Agency's Flood Map showing flood zones 2 and 3 and consult Environment Agency standing advice and your local planning authority requirements for information as necessary.)

☒ Yes ☐ No

If Yes, you will need to submit a Flood Risk Assessment to consider the risk to the proposed site. **ADVICE FROM JONATHAN HAINES BY PHONE 29/6/11 WAS THAT THIS WAS N/A**

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

☒ Yes ☐ No

Will the proposal increase the flood risk elsewhere?

☐ Yes ☒ No

How will surface water be disposed of?

- ☐ Sustainable drainage system
 ☐ Existing watercourse
☐ Soakaway
 ☐ Pond/lake
☒ Main sewer

13. Biodiversity and Geological Conservation

To assist in answering the following questions refer to the guidance notes for further information on when there is a reasonable likelihood that any important biodiversity or geological conservation features may be present or nearby and whether they are likely to be affected by your proposals.

Having referred to the guidance notes, is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

a) Protected and priority species:

- ☐ Yes, on the development site
☐ Yes, on land adjacent to or near the proposed development
☒ No

b) Designated sites, important habitats or other biodiversity features:

- ☐ Yes, on the development site
☐ Yes, on land adjacent to or near the proposed development
☒ No

c) Features of geological conservation importance:

- ☐ Yes, on the development site
☐ Yes, on land adjacent to or near the proposed development
☒ No

14. Existing Use

Please describe the current use of the site:

PRIMARY SCHOOL ROOFS OF HEAD-TEACHERS OFFICE AND CLASSROOMS

Is the site currently vacant?

☐ Yes ☒ No

If Yes, please describe the last use of the site:

When did this use end (if known)? DD/MM/YYYY

(date where known may be approximate)

Does the proposal involve any of the following?

If yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated? ☐ Yes ☒ No

Land where contamination is suspected for all or part of the site? ☐ Yes ☒ No

A proposed use that would be particularly vulnerable to the presence of contamination? ☐ Yes ☒ No

15. Trees and Hedges

Are there trees or hedges on the proposed development site? ☐ Yes ☒ No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character? ☐ Yes ☒ No

If Yes to either or both of the above, you may need to provide a full Tree Survey, at the discretion of your local planning authority. If a Tree Survey is required, this and the accompanying plan should be submitted alongside your application. Your local planning authority should make clear on its website what the survey should contain, in accordance with the current 'BS5837: Trees in relation to construction - Recommendations'.

16. Trade Effluent

Does the proposal involve the need to dispose of trade effluents or waste? ☐ Yes ☒ No

If Yes, please describe the nature, volume and means of disposal of trade effluents or waste

Residential Units (Including Conversion)

Does your proposal include the gain, loss or change of use of residential units?
If yes, please complete details of the changes in the tables below:

☐ Yes

☒ No 320110615 P

Proposed Housing

Market Housing	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Social Rented	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Intermediate	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Key worker	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Total proposed residential units (A+B+C+D)=

Existing Housing

Market Housing	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Social Rented	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Intermediate	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Key worker	Not known	Number of Bedrooms					Total
		1	2	3	4+	Unknown	
Houses	☐						
Flats and maisonettes	☐						
Live-work units	☐						
Cluster flats	☐						
Sheltered housing	☐						
Bedsit/studios	☐						
Unknown type	☐						
Totals (a+b+c+d+e+f+g)=							

Total existing residential units (E+F+G+H)=

TOTAL NET GAIN or LOSS of RESIDENTIAL UNITS (Proposed Housing Grand Total - Existing Housing Grand Total):

Types of Development: Non-residential Floorspace

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Does your proposal involve the loss, gain or change of use of non-residential floorspace?

☐ Yes

☒ No

If you have answered Yes to the question above please add details in the following table:

Use class/type of use	Not applicable	Existing gross internal floorspace (square metres)	Gross internal floorspace to be lost by change of use or demolition (square metres)	Total gross internal floorspace proposed (including change of use)(square metres)	Net additional gross internal floorspace following development (square metres)
A1	☐				
Shops	☐				
Net tradable area:	☐				
A2	☐				
Financial and professional services	☐				
A3	☐				
Restaurants and cafes	☐				
A4	☐				
Drinking establishments	☐				
A5	☐				
Hot food takeaways	☐				
B1 (a)	☐				
Office (other than A2)	☐				
B1 (b)	☐				
Research and development	☐				
B1 (c)	☐				
Light industrial	☐				
B2	☐				
General industrial	☐				
B8	☐				
Storage or distribution	☐				
C1	☐				
Hotels and halls of residence	☐				
C2	☐				
Residential institutions	☐				
D1	☐				
Non-residential institutions	☐				
D2	☐				
Assembly and leisure	☐				
OTHER	☐				
Please Specify	☐				
Total					

In addition, for hotels, residential institutions and hostels, please additionally indicate the loss or gain of rooms

Use class	Type of use	Not applicable	Existing rooms to be lost by change of use or demolition	Total rooms proposed (including changes of use)	Net additional rooms
C1	Hotels	☐			
C2	Residential Institutions	☐			
OTHER		☐			
Please Specify		☐			

19. Employment

Please complete the following information regarding employees:

	Full-time	Part-time	Total full-time equivalent
Existing employees	5	11	10.5
Proposed employees	0	0	0 additional staff

20. Hours of Opening

Please state the hours of opening for each non-residential use proposed:

Use	Monday to Friday	Saturday	Sunday and Bank Holidays	Not known
EDUCATION	8.58am - 3.30pm	-	-	-

21. Site Area

Please state the site area in hectares (ha)

0.01 ha

Please describe the activities and processes which would be carried out on the site and the end products including plant, ventilation or air conditioning. Please include the type of machinery which may be installed on site:

GENERATION OF ELECTRICITY FROM PV CELLS FOR USE BY SCHOOL WITH EXCESS TO NATIONAL GRID

Is the proposal a waste management development? ☐ Yes ☒ No

If the answer is Yes, please complete the following table:

	Not applicable	The total capacity of the void in cubic metres, including engineering surcharge and making no allowance for cover or restoration material (or tonnes if solid waste or litres if liquid waste)	Maximum annual operational throughput in tonnes (or litres if liquid waste)
Inert landfill	☐		
Non-hazardous landfill	☐		
Hazardous landfill	☐		
Energy from waste incineration	☐		
Other incineration	☐		
Landfill gas generation plant	☐		
Pyrolysis/gasification	☐		
Metal recycling site	☐		
Transfer stations	☐		
Material recovery/recycling facilities (MRFs)	☐		
Household civic amenity sites	☐		
Open windrow composting	☐		
In-vessel composting	☐		
Anaerobic digestion	☐		
Any combined mechanical, biological and/or thermal treatment (MBT)	☐		
Sewage treatment works	☐		
Other treatment	☐		
Recycling facilities construction, demolition and excavation waste	☐		
Storage of waste	☐		
Other waste management	☐		
Other developments	☐		

Please provide the maximum annual operational throughput of the following waste streams:

Municipal	
Construction, demolition and excavation	
Commercial and industrial	
Hazardous	

If this is a landfill application you will need to provide further information before your application can be determined. Your waste planning authority should make clear what information it requires on its website.

23. Hazardous Substances

Does the proposal involve the use or storage of any of the following materials in the quantities stated below? ☐ Yes ☒ No ☐ Not applicable

If Yes, please provide the amount of each substance that is involved:

Acrylonitrile (tonnes)		Ethylene oxide (tonnes)		Phosgene (tonnes)	
Ammonia (tonnes)		Hydrogen cyanide (tonnes)		Sulphur dioxide (tonnes)	
Bromine (tonnes)		Liquid oxygen (tonnes)		Flour (tonnes)	
Chlorine (tonnes)		Liquid petroleum gas (tonnes)		Refined white sugar (tonnes)	

Other:

Other:

Amount (tonnes):

Amount (tonnes):

One Certificate A, B, C, or D, must be completed, together with the Agricultural Holdings Certificate with this application form

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.

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

[Redacted Signature]

[Redacted Signature]

7/7/11

CERTIFICATE OF OWNERSHIP - CERTIFICATE B

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that I have/the applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, 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 this application relates

Name of Owner	Address	Date Notice Served

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

[Redacted Signature]

[Redacted Signature]

[Redacted Signature]

CERTIFICATE OF OWNERSHIP - CERTIFICATE C

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that:

- Neither Certificate A or B can be issued for this application
- All reasonable steps have been taken to find out the names and addresses of the other owners (*owner is a person with a freehold interest or leasehold interest with at least 7 years left to run*) of the land or building, or of a part of it, but I have/ the applicant has been unable to do so.

The steps taken were:

[Redacted Text]

Name of Owner	Address	Date Notice Served

Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

On the following date (which must not be earlier than 21 days before the date of the application):

[Redacted Text]

[Redacted Text]

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

[Redacted Signature]

[Redacted Signature]

[Redacted Signature]

CERTIFICATE OF OWNERSHIP - CERTIFICATE D

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that:

- Certificate A cannot be issued for this application
- All reasonable steps have been taken to find out the names and addresses of everyone else who, on the day 21 days before the date of this application, 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 to which this application relates, but I have/ the applicant has been unable to do so.

The steps taken were:

Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

On the following date (which must not be earlier than 21 days before the date of the application):

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

25. 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

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

7/7/2011

(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:

Name of Tenant	Address	Date Notice Served

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

26. Planning Application Requirements - Checklist

Please read the following checklist to make sure you have sent all the information in support of your proposal. Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the Local Planning Authority has been submitted.

The original and 3 copies of a completed and dated application form:

☐ The correct fee: ☐

The original and 3 copies of the plan which identifies the land to which the application relates drawn to an identified scale and showing the direction of North:

☐ The original and 3 copies of a design and access statement, if required (see help text and guidance notes for details): ☐

The original and 3 copies of other plans and drawings or information necessary to describe the subject of the application: ☐

☐ The original and 3 copies of the completed, dated Ownership Certificate (A, B, C, or D - as applicable): ☐

☐ The original and 3 copies of the completed, dated Article 12 Certificate (Agricultural Holdings): ☐

Declaration

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

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

7/7/11

(date cannot be pre-application)

28. Applicant Contact Details

Telephone numbers

Country code: National number: Extension number:
Country code: Mobile number (optional):
Country code: Fax number (optional):

Email address (optional):

29. Agent Contact Details

Telephone numbers

Country code: National number: Extension number:
Country code: Mobile number (optional):
Country code: Fax number (optional):

Email address (optional):

30. 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)

☐ Agent

☐ Applicant

☒ Other (if different from the agent/applicant's details)

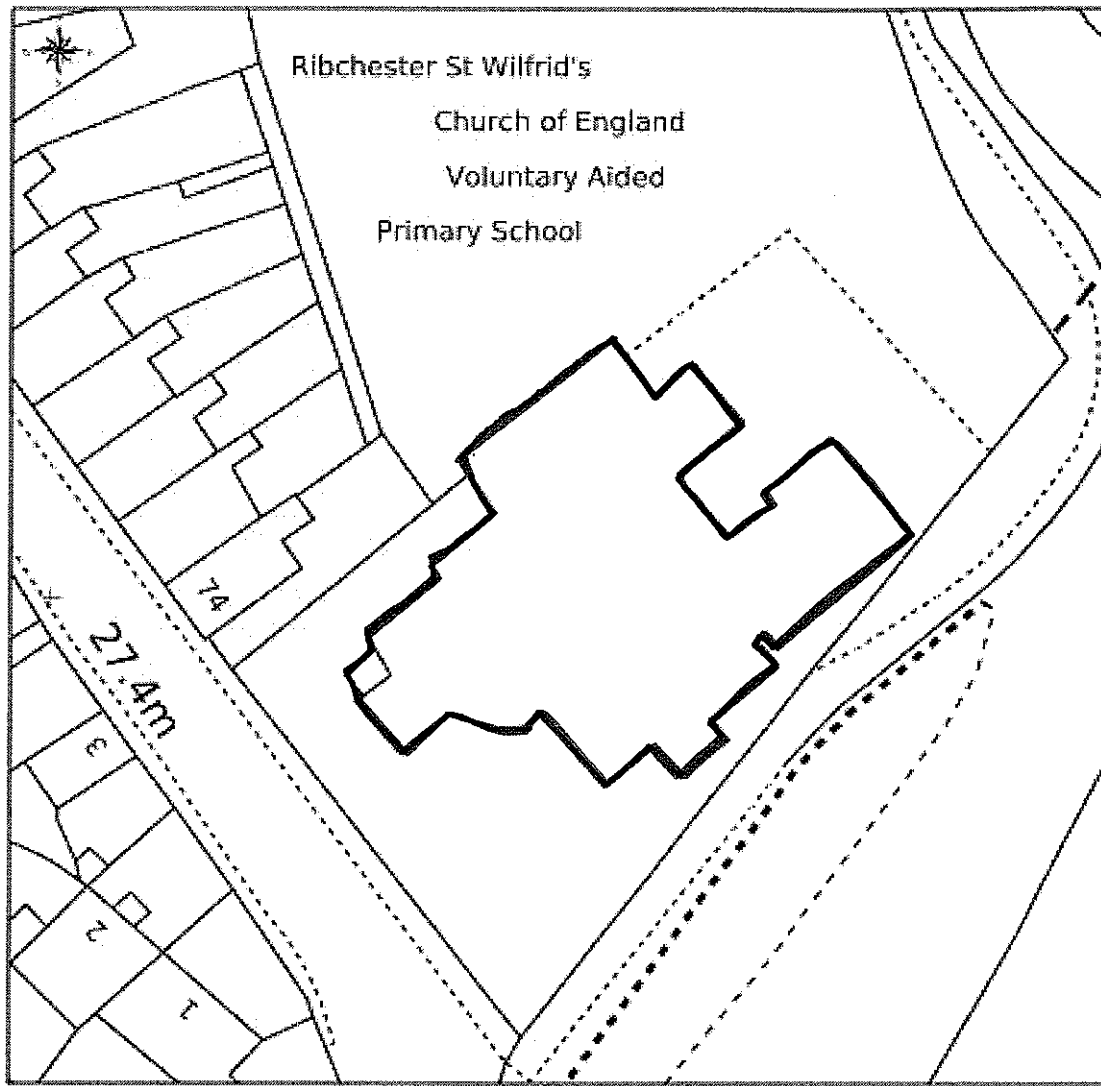
If Other has been selected, please provide:

Contact name:

Telephone number:

Email address:

320110615P



This Plan includes the following information: School Boundary, School and House Numbers, and the names of the streets. It also shows the location of the school in relation to the surrounding streets. The plan is drawn to a scale of 1:500 and is printed on A4 paper.

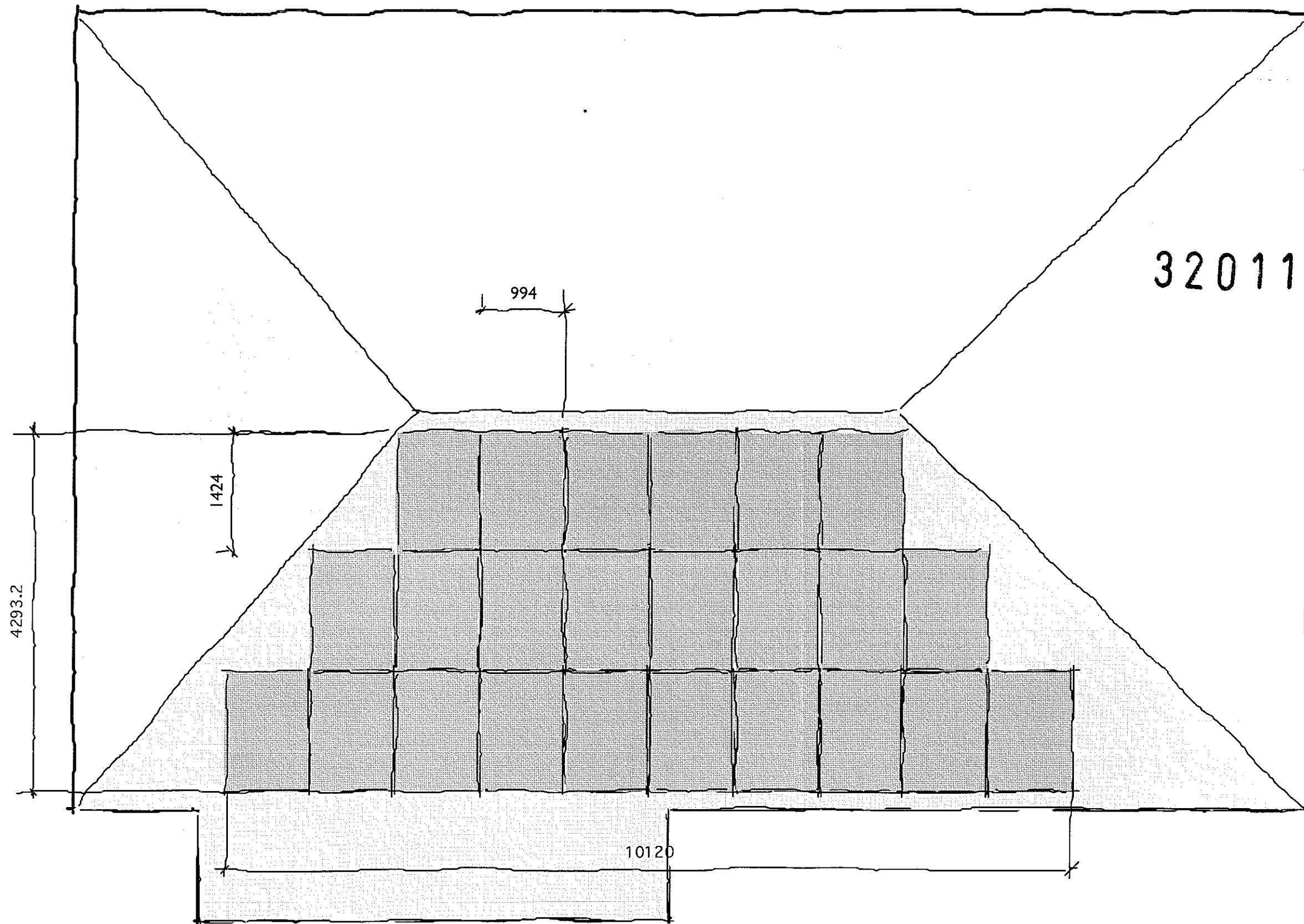
Scale: 1:500 Paper Size: A4

Ribchester St Wilfrid's Church of England Primary School
Block Plan at 1:500 printed at A4
October 2011
Document Reference RSW - BP

jubb&jubb
CHARTERED SURVEYORS
HISTORIC ENVIRONMENT ADVISERS

plans ahead by **emapsite**

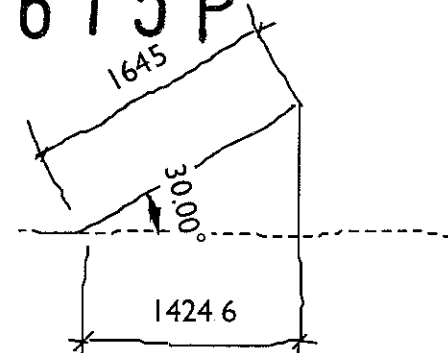
Prepared by: Camilla, 12/10/2011



320110615P

Technical Data as per
Design and Access
Statement - Rev A
19.10.11

Panels to be Sharp NU Series
REW 1645 x 994 x 46mm, black
with black perimeter trim



St Wilfrid's Primary School - Ribchester

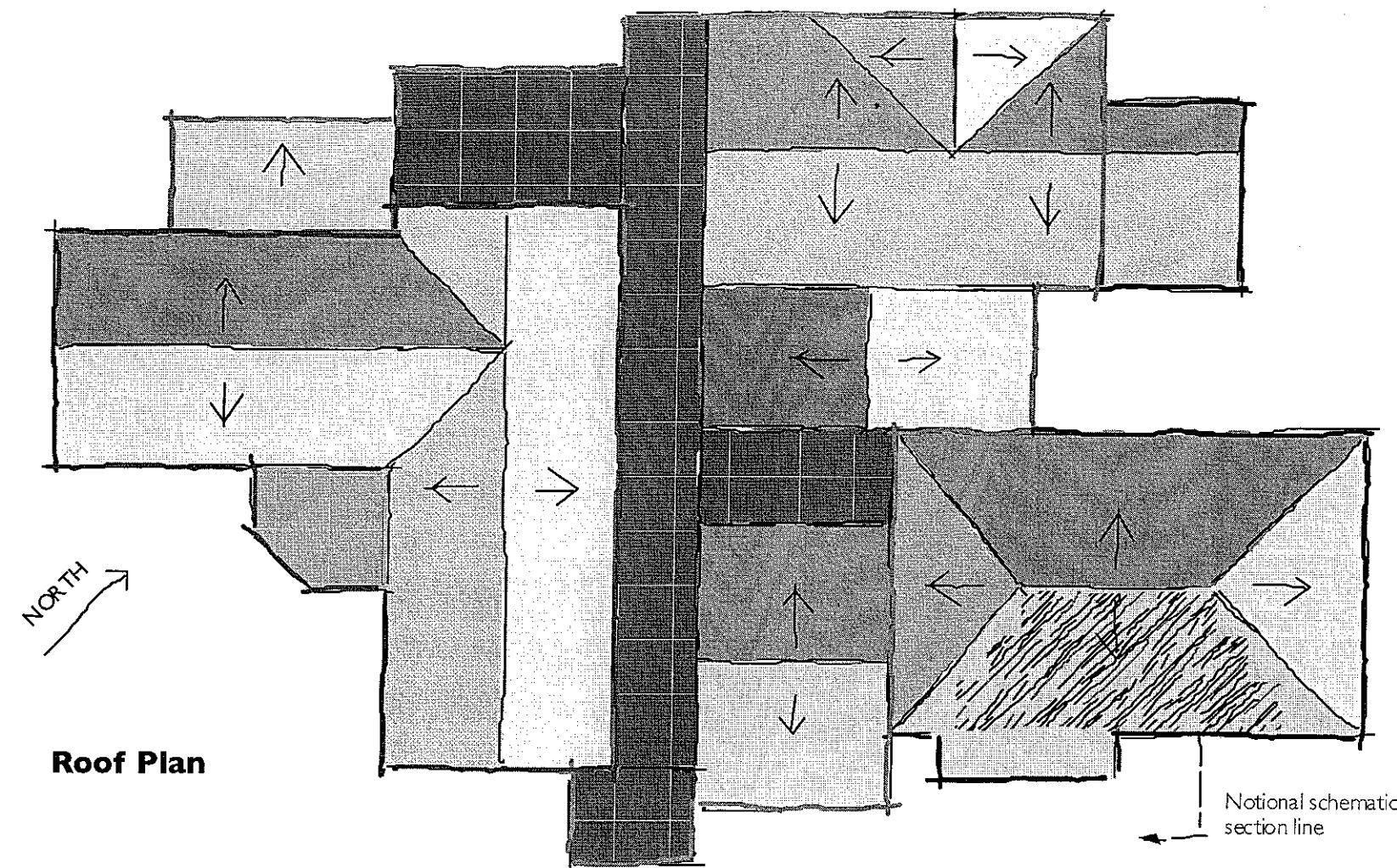
Roof plan and array detail - scale 1:50 approx. at A3
19th October 2011
Drawing reference - RSW - 002

jubb&jubb
CHARTERED SURVEYORS
HISTORIC ENVIRONMENT ADVISERS

320110615p

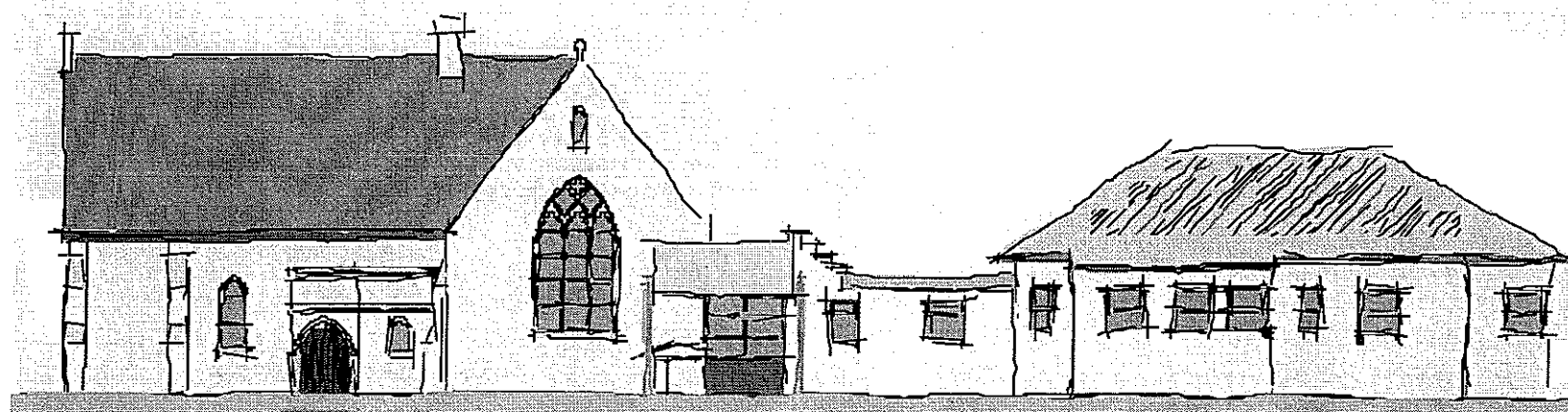
Key

-  Direction of fall on pitched roof
-  Building footprint late C19th
-  Building footprint added late C20th
-  Building footprint added 1997
-  Proposed location of PV panel array

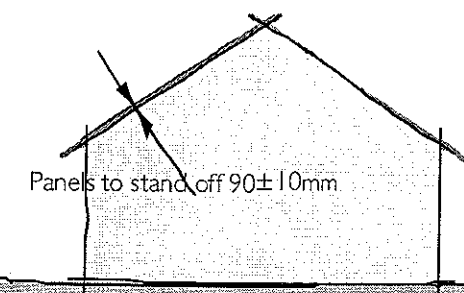


Roof Plan

Notional schematic section line



Schematic Section showing panel offset



Panels to stand off 90±10mm

Phase 1 - c1870

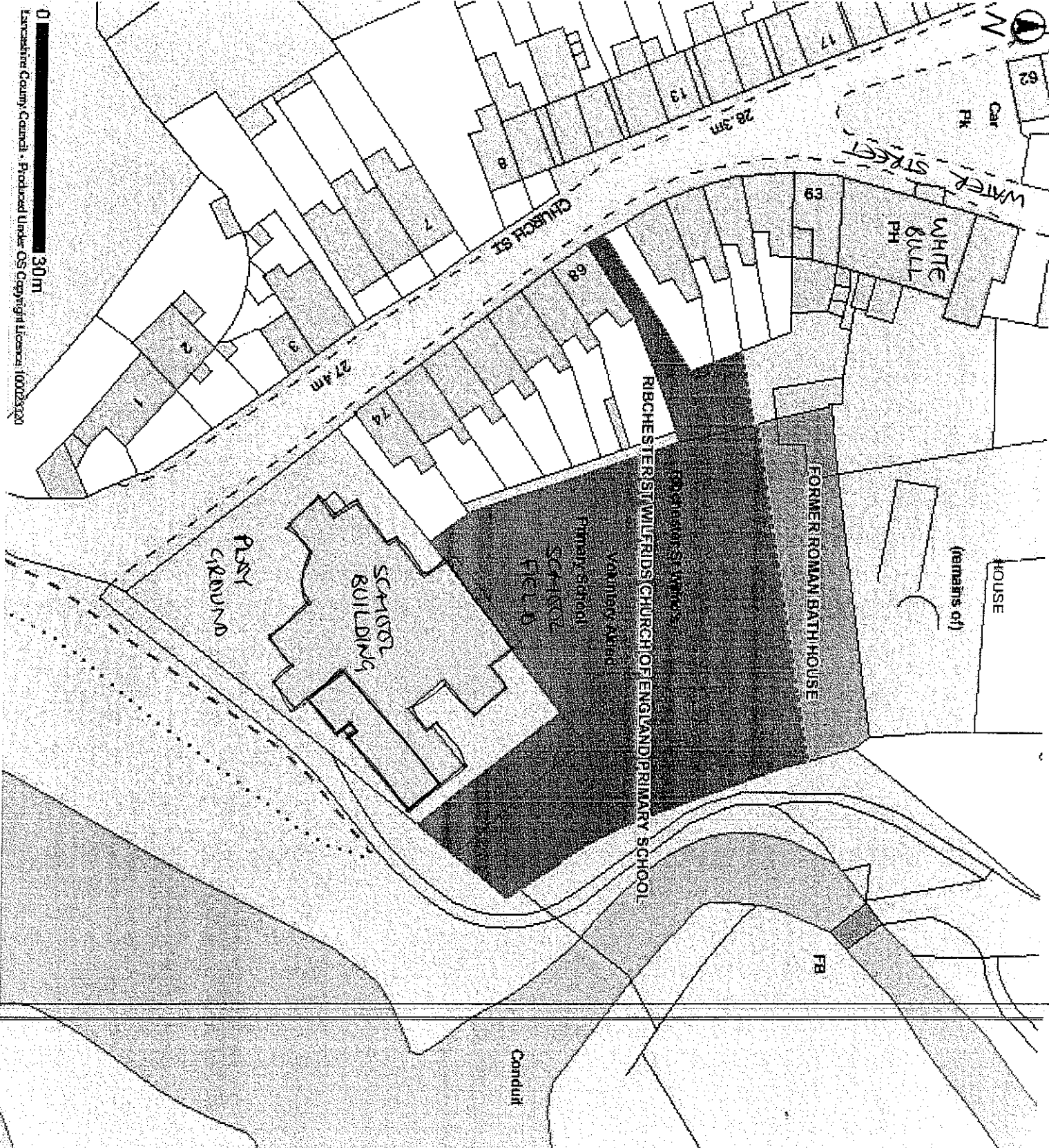
Phase 2 - late C20th

Phase 3 - 1997

South Elevation

St Wilfrid's Primary School - Ribchester

Roof plan, section and elevation - scale 1:200 approx. at A3
 20th October 2011
 Drawing reference - RSW - 001 A



0 30m
Letchworth County Council - Produced Under OS Copyright Licence 100028300

320110615P

SHARP

NU Series (60 cells)
235 W

Monocrystalline silicon photovoltaic modules



SAY YES TO SOLAR POWER!

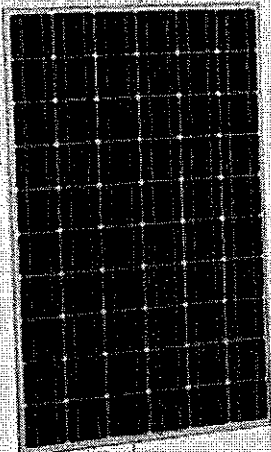
Because it protects the climate.

Innovations from a photovoltaic pioneer

As a solar specialist with 50 years' experience in photovoltaics (PV), Sharp makes significant contributions to ground-breaking progress in solar technology.

Sharp photovoltaic modules in the NU series are designed for applications with high power requirements. These quality monocrystalline modules produce a continuous, reliable yield, even under demanding operational conditions.

All Sharp NU series modules offer system integration which is optimal both technically and economically, and are suitable for installations in on-grid PV systems.



Brief details for the installer

- 156.5 mm x 156.5 mm dark blue monocrystalline solar cells
- 60 cells in series
- 2,400 N/m² mechanical load-bearing capacity (245 kg/m²)
- 1,000 V DC maximum system voltage
- IEC/EN 61215, IEC/EN 61730, Class II (VDE: 40021391)

Product features

- High-performance photovoltaic modules made of dark blue monocrystalline (156.5 mm²) silicon solar cells with module efficiencies of up to 14.3 %
- Bypass diodes which minimise the loss in output when shading occurs
- Textured cell surface for particularly high electricity yields
- BSF structure (Back Surface Field) to optimise cell efficiency
- Use of tempered white glass, EVA plastic, and weather protection film, as well as a silver anodised aluminium frame with drainage holes for long-term use
- Output: connection cable with waterproof plug connector

Quality from Sharp

Benchmarks are set by the quality standards of Sharp Solar. Continual checks guarantee a consistently high level of quality. Every module undergoes visual, mechanical, and electrical inspection. This is recognisable by means of the original Sharp label, the serial number, and the Sharp guarantee:

- 2 year product guarantee
- 10 year performance guarantee for a power output of 90 %
- 25 year performance guarantee for a power output of 80 %

The detailed guarantee conditions and additional information can be found at www.sharp.eu.

Mechanical data

Cell	Monocrystalline (156.5 mm ²) silicon solar cell
Quantity and wiring of cells	60 in series
Dimensions	1.652 x 994 x 45 mm (1.64 m)
Weight	20 kg
Connection type	Cable with plug connector (MC3)

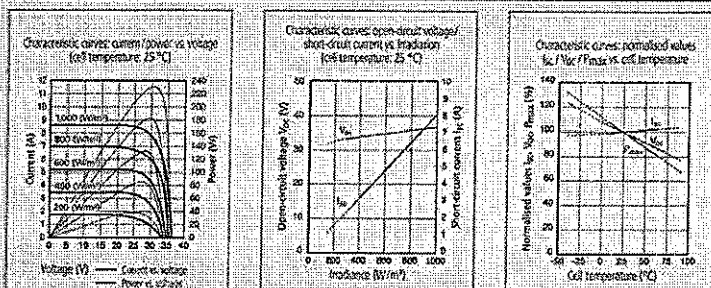
Limit values

Operating temperature (cell)	-40 to +90	°C
Storage temperature	-40 to +90	°C
Maximum system voltage	1,000	VDC
Maximum mechanical load	2,400	N/m ²
Over-current Protection	15	A

Electrical data

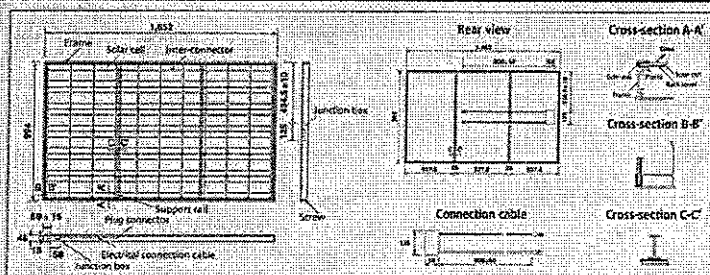
Made in EU	NU-E235 (E1)	
Maximum power	P_{max}	235 W _p
Open-circuit voltage	V_{oc}	37.0 V
Short-circuit current	I_{sc}	8.60 A
Voltage at point of maximum power	V_{mpp}	30.0 V
Current at point of maximum power	I_{mpp}	7.84 A
Module efficiency	η_{m}	14.3 %
NOCT		47.5 °C
Temperature coefficient - open-circuit voltage	α_{voc}	-130 mV/°C
Temperature coefficient - short circuit current	α_{isc}	+0.053 %/°C
Temperature coefficient - power	α_{pmax}	-0.485 %/°C

The electrical data applies under standard test conditions (STC): irradiation 1,000 W/m² with light spectrum AM 1.5 and a cell temperature of 25 °C. The rated electrical characteristics are subject to a manufacturing tolerance of -5 %/+10 %. NOCT conditions: irradiation of 800 W/m², ambient temperature of 20 °C and wind speed of 1 m/sec.

Characteristic curves NU-E235 (E1)**Applications**

- On-grid PV systems
- Off-grid PV systems
- On-roof PV systems
- Ground mounted PV systems

Please read our detailed installation manual carefully before installing the photovoltaic modules.

Exterior dimensions**Note**

Technical data is subject to change without prior notice. Before using Sharp products, please request the latest data sheets from Sharp. Sharp accepts no responsibility for damage to devices which have been equipped with Sharp products on the basis of unverified information.

The specifications may deviate slightly and are not guaranteed. Installation and operating instructions are to be found in the corresponding handbooks, or can be downloaded from www.sharp.eu.

This module should not be directly connected to a load.

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a division of Sharp Electronics (Europe) GmbH
Sonninstrasse 3 20097 Hamburg, Germany
Tel: +49 (0)40/2376-0 - Fax: +49 (0)40/2376-2193
www.sharp.eu

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SHARP

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