

Application to the HISTORIC DISTRICT COMMISSION, Nantucket, Massachusetts, for a

CERTIFICATE OF APPROPRIATENESS

for structural work.

All blanks must be filled in using BLUE OR BLACK INK (no pencil) or marked N/A.

NOTE: It is strongly recommended that the applicant be familiar with the HDC guidelines, Building with Nantucket in Mind, prior to submittal of application. Please see other side for submittal requirements. Incomplete applications will not be reviewed by the HDC.

This is a contractual agreement and must be filled out in ink. An application is hereby made for issuance of a Certificate of Appropriateness under Chapter 395 of the Acts and Resolves of Mass., 1970, for proposed work as described herein and on plans, drawings and photographs accompanying this application and made a part hereof by reference.

The certificate is valid for three years from date of issuance. No structure may differ from the approved application. Violation may impede issuance of Certificate of Occupancy.

PROPERTY DESCRIPTION

TAX MAP N°: 57 PARCEL N°: 276
Street & Number of Proposed Work: 9 Sheep Commons Ln
Owner of record: James Cogdon + Kristen Aloisi
Mailing Address: 9 Sheep Commons Lane
Nantucket, MA 02554
Contact Phone #: _____ E-mail: _____

AGENT INFORMATION (if applicable)

Name: SunWind, LLC
Mailing Address: PO Box 700
Brewster, Ma 02631
Contact Phone #: 508 2466350 E-mail: THolmes@sunwindllc.com

FOR OFFICE USE ONLY

Date application received: _____ Fee Paid: \$ _____
Must be acted on by: _____
Extended to: _____
Approved: _____ Disapproved: _____
Chairman: _____
Member: _____
Member: _____
Member: _____
Member: _____
Notes - Comments - Restrictions - Conditions

DESCRIPTION OF WORK TO BE PERFORMED

See reverse for required documentation.

- New Dwelling Addition Garage Driveway/Apron Commercial Historical Renovation Deck/Patio Steps Shed
 - Color Change Fence Gate Hardscaping Move Building Demolition Revisions to previous Cert. No. _____
 - Pool (Zoning District _____) Roof Other: Ground Mount Solar System
- Size of Structure or Addition: Length: _____ Sq. Footage 1st floor: _____ Decks/Patio: Size: _____ 1st floor 2nd floor
Width: _____ Sq. Footage 2nd floor: _____ Size: _____ 1st floor 2nd floor
Sq. Footage 3rd floor: _____

Difference between existing grade and proposed finish grade: North _____ South _____ East _____ West _____
Height of ridge above final finish grade: North _____ South _____ East _____ West _____

Additional Remarks

Historic Name: _____ REVISIONS* 1. East Elevation
Original Date: _____ (describe) 2. South Elevation
Original Builder: _____ 3. West Elevation
Is there an HDC survey form for this building attached? Yes N/A 4. North Elevation

*Cloud on drawings and submit photographs of existing elevations.

DETAIL OF WORK TO BE PERFORMED

Foundation: Height Exposed _____ Block Block Parged Brick (type) _____ Poured Concrete Piers
Masonry Chimney: Block Parged Brick (type) _____ Other _____
Roof Pitch: Main Mass _____/12 Secondary Mass _____/12 Dormer _____/12 Other _____
Roofing material: Asphalt: 3-Tab Architectural
 Wood (Type: Red Cedar, White Cedar, Shakes, etc.) _____

Fence: Height: _____
Type: _____
Length: _____

Solar Panels
 Skylights (flat only): Manufacturer REC 400LWAT Rough Opening *All Black* Size 42" x 66" each Location _____
Manufacturer _____ Rough Opening _____ Size _____ Location _____

Gutters: Wood Aluminum Copper Leaders (material) _____

Leaders (material and size): Install a ground mount solar array (not visible from the street)

Sidewall: White cedar shingles _____ Clapboard (exposure: _____ inches) Front Side

Other: ARCA Dimensions 6'-0" TALL x 48' long x 13' front to back, total of 32 Panels

Trim: A. Wood Pine Redwood Cedar Other _____

B. Treatment Paint Natural to weather Other _____

C. Dimensions: Fascia _____ Rake _____ Soffit (Overhang) _____ Corner boards _____ Frieze _____

Window Casing _____ Door Frame _____ Columns/Posts: Round _____ Square _____

Windows*: Double Hung Casement All Wood Other _____

True Divided Lights(muntins), single pane SDL's (Simulated Divided Lights) Manufacturer _____

Doors* (type and material): TDL SDL Front _____ Rear _____ Side _____

Garage Door(s): Type _____ Material _____

Hardscape materials: Driveways _____ Walkways _____ Walls _____

* Note: Complete door and window schedules are required.

COLORS

Sidewall _____ Clapboard (if applicable) _____ Roof _____
Trim _____ Sash _____ Doors _____
Deck _____ Foundation _____ Fence _____ Shutters _____

* Attach manufacturer's color samples if color is not from HDC approval list.

I hereby authorize the agent named above to act on my behalf to make changes in the specifications or the plans contained in this application in order to bring the application into compliance with the HDC guidelines. I hereby agree to abide by and comply with the terms and conditions of this application. I hereby agree that the submission of any revisions to this application will initiate a new sixty-day review period.

Date 6-25-2022 Signature of owner of record Trinity Aloisi Signed under penalties of perjury



HISTORIC DISTRICT COMMISSION

2 Fairgrounds Road

Nantucket, Massachusetts 02554

Telephone: 508.325.7587

Email: plus@nantucket-ma.gov

COMMISSIONERS

Ray Pohl
Chair

Abigail Camp
Vice-Chair

Diane Coombs

Val Oliver

Stephen Welch

ASSOCIATE COMMISSIONERS

Jesse Dutra

Carrie Thornewill

STAFF

Esmeralda C. Martinez
HDC Compliance
Coordinator/Land Use
Specialist

emartinez@nantucket-ma.gov

Waiver of the HDC 10 Day Hearing Requirement

I Tim Holmes

AS AGENT FOR James Congdon

STREET ADDRESS 9 Sheep Commons Lane

MAP/PARCEL 54-276

UNDERSTAND THAT THE ABOVE REFERENCED APPLICATION SUBMITTED ON

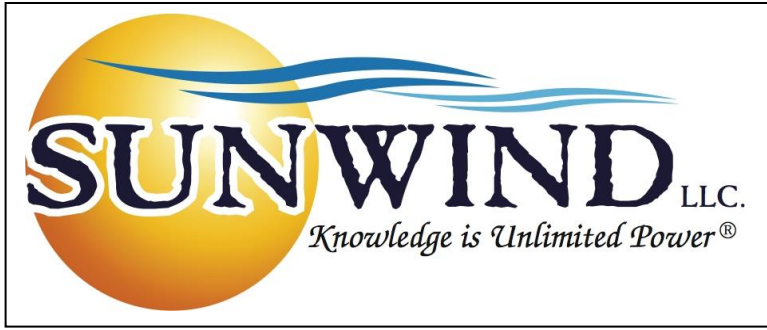
6-27-2022

WILL NOT BE REVIEWED BY THE HISTORIC DISTRICT COMMISSION, DUE
INCREASE DEMAND, WITHIN THE 10 DAY PERIOD AS REQUIRED BY:

**SECTION 8 of the HDC enabling legislation: ... The Commission shall meet
within ten (10) days of the receipt of an application for a certificate of
appropriateness or permit for removal...**

AND I AGREE TO A WAIVER OF THE ABOVE MENTIONED REQUIREMENT.

Tim Holmes 6-27-2022
Signature Date



300 Cranberry Highway
Orleans, MA 02653
508-246-6350
tholmes@sunwindllc.com

Nantucket Historic District Commission
Certificate of Appropriateness Application
Proposed Solar System

Client: James Congdon
9 Sheep Commons Lane
Nantucket, MA 02554

Assessors Map Number: 54
Lot Number: 276

Property ID: 3130

Year Built: 2002

Use: 1090

Description: Multi Hses M01

Zone: LUG3

Property Size: .65 Acres

Locus Map 9 Sheep Commons Lane



Google Earth image of showing ground mount solar array, not visible from the street

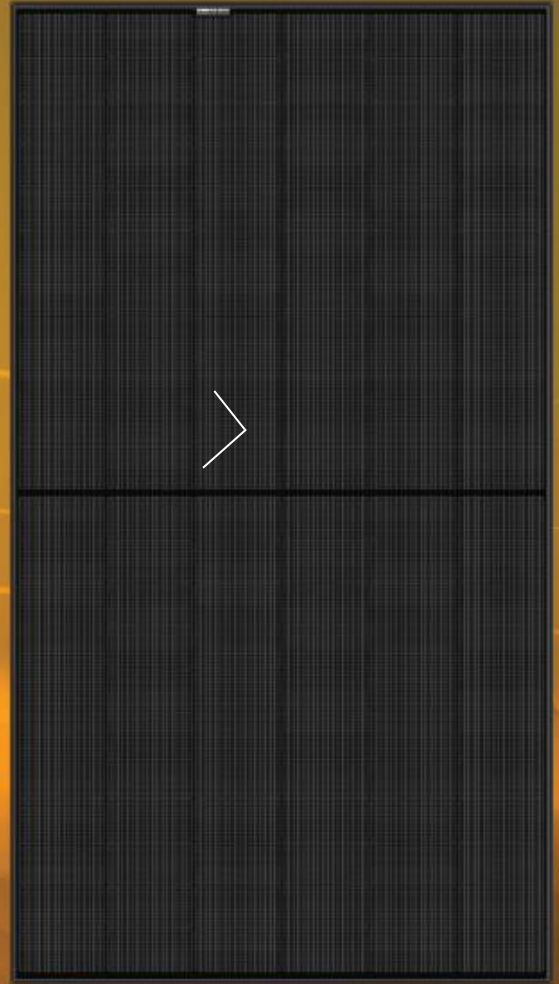


SOLAR'S MOST TRUSTED



REC ALPHOX[®] PURE BLACK SERIES

PRODUCT SPECIFICATIONS



400_{WP}
20.3 ^W/_{FT²}



ELIGIBLE

A logo featuring a stylized green leaf with a blue stem.

LEAD-FREE
ROHS COMPLIANT

EXPERIENCE



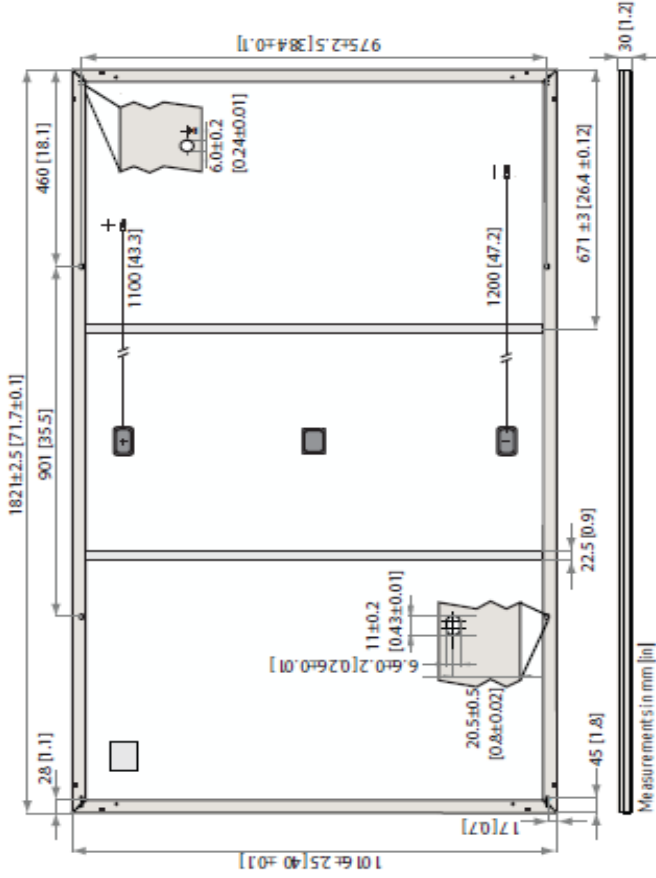
PERFORMANCE



SOLARS MOST TRUSTED

PRODUCT SPECIFICATIONS

REC ALPHA PURE BLACK SERIES > PRODUCT SPECIFICATIONS



GENERAL DATA

Cell type:	132 half-cut REC heterojunction cells with lead-free, gapless technology	Come ctors:	Stäubli MC4PV-KB14/KST4 12AWG (4 mm ²) in accordance with IEC 62852 IP68 only when connected
Glass:	6 strings of 22 cells in series	Cable:	12AWG (4 mm ²) PV wire, 43+47 in (11+12 m) accordance with EN 50618
Backsheet:	0.13 in (3.2 mm) solar glass with anti-reflection surface treatment	Dimensions:	71.7 x 40 x 1.2 in (1,821 x 1,016 x 30 mm)
Frame:	Highly resistant polymer (black)	Weight:	45 lbs (20.5 kg)
Junction box:	Anodized aluminum (black)	Origin:	Made in Singapore

ELECTRICAL DATA

Product Code: RECxxxxA Pure Black

Power Output - P _{max} (Wp)	385	390	395	400	405
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V _{MPP} (V)	41.2	41.5	41.8	42.1	42.4
Nominal Power Current - I _{MPP} (A)	9.35	9.40	9.45	9.51	9.56
Open Circuit Voltage - V _{oc} (V)	48.5	48.6	48.7	48.8	48.9
Short Circuit Current - I _{sc} (A)	9.99	10.03	10.07	10.10	10.14
Power Density (W/sqft)	19.3	19.6	19.8	20.1	20.3
Panel Efficiency (%)	20.8	21.1	21.3	21.6	21.9
Power Output - P _{max} (Wp)	293	297	301	305	309
Nominal Power Voltage - V _{MPP} (V)	38.8	39.1	39.4	39.7	40.0
Nominal Power Current - I _{MPP} (A)	7.55	7.59	7.63	7.68	7.72
Open Circuit Voltage - V _{oc} (V)	45.7	45.8	45.9	46.0	46.1
Short Circuit Current - I _{sc} (A)	8.07	8.10	8.13	8.16	8.19

Values at standard test conditions (STC: air mass AM1.5, irradiance 1075 W/sqft (1000 W/m²), temperature 77°F (25°C), based on a production spread with a tolerance of P_{max}, V_{oc} & I_{sc} ±3% within the watt class. Nominal module operating temperature (NMOT: air mass AM1.5, irradiance 800 W/m², temperature 68°F (20°C), wind speed 3.3 ft/s (1 m/s)). *Where xxx indicates the nominal power class (P_{max}) at STC above.

NMOT

CERTIFICATIONS

IEC 61215:2016, IEC 61730:2016, UL 61730 (Pending)
ISO 14001:2004, ISO 9001:2015, OHSAS 18001:2007, IEC 62941



WARRANTY

Standard	REC ProTrust
Installed by an REC Certified Solar Professional	No Yes Yes Yes
System Size	All <25 kW 25-500 kW
Product Warranty (yrs)	20 25 25
Power Warranty (yrs)	25 25 25
Labor Warranty (yrs)	0 25 10
Power in Year1	98% 98% 98%
Annual Degradation	0.25% 0.25% 0.25%
Power in Year 25	92% 92% 92%

See warranty documents for details. Conditions apply

MAXIMUM RATINGS

Operational temperature	-40 ... +185°F (-40 ... +85°C)
Maximum system voltage:	1000V
Maximum test load (front):	+7000 Pa (146 lbs/sq ft)*
Maximum test load (rear):	-4000 Pa (83.5 lbs/sq ft)*
Max series fuse rating:	25 A
Max reverse current:	25 A

*See installation manual for mounting instructions. Design load = Test load / 1.5 (safety factor)

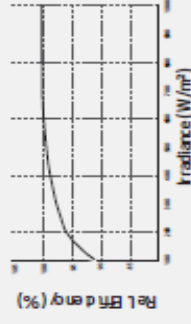
TEMPERATURE RATINGS*

Nominal Module Operating Temperature	44°C (±2°C)
Temperature coefficient of P _{max} :	-0.26 %/°C
Temperature coefficient of V _{oc} :	-0.24 %/°C
Temperature coefficient of I _{sc} :	0.04 %/°C

*The temperature coefficients stated are linear values

LOW LIGHT BEHAVIOUR

Typical low irradiance performance of module at STC:



Specifications subject to change without notice.

REC-PM-05-12-01-Rev-A 03/21



REQUIRED WITH ALL APPLICATIONS:

1. Completed Application Form: Description of ALL work must be indicated on application form.
2. Property Owner's Signature: Current owner's signature preferred; if the agent is signing the application written authorization from the owner (letter, fax, email) must be provided.
3. Application Fee: See back of application for fee schedule or call the office.
4. Locus Map (4 copies): Location Map must include north arrow, parcel boundaries, primary and secondary streets. (Town GIS Map Site) <http://www.mapgee.com/NantucketMA/>.
5. Site Plan (4 Copies): must include the following: lot dimensions, north arrow, all existing structures, proposed work (highlighted) with dimension to lot lines, scale, driveway, grade changes, and placement of HVAC units, electrical boxes, fuel tanks, etc.
6. 8-1/2" x 11" Copies of ALL Application Materials: Must include the following: application form (reduced 64%), locus map, plot plan, all elevations and floor plans, window schedule, photographs, other relevant supporting material. All material MUST BE LEGIBLE (font size no smaller than 12), collated and stapled.
7. Photographs: Required of ALL applications for alterations to an existing structure. Photographs must be clear and labeled with application address or contextual address.
8. Electronic submission: All documents submitted to the HDC office must also be converted to Adobe Acrobat format <http://www.adobe.com/acrobat/>; this is free software that may have come pre-loaded on your computer. Electronic copies can also be created using the scanner located in the Department of Inspectional Services.

REQUIRED WHERE APPLICABLE :

1. Supplemental Information for Historic Buildings: It is the applicant's responsibility to research the historical status of any and ALL buildings. Additional information may be obtained from the Nantucket Historical Association Library. If not historic, denote on application.
2. Exterior Elevations and Floor Plans (4 copies): Must be Y-inch scale and include all affected sides of the building, cardinal points (N, S, E, W), dimensions, heights, floor and ceiling heights, elevations of finished grade, window details and placement of HVAC units, electrical boxes, fuel tanks, etc. All changes from approved or existing design must be clouded on drawings. All material MUST BE LEGIBLE, collated and stapled. Reduced sets should maintain a font size of 12.
3. As-Built Plans (1copy): of existing elevations
4. Hardscaping Plans (4 copies): To legible scale. This includes fences, decks, porches, arbors, retaining walls, tennis courts, swimming pool, driveways, gazebos etc. All material MUST BE LEGIBLE, collated and stapled.
5. Topographic Map: Must show existing and proposed grade for any change of more than one foot in height on grade. Retaining walls must be applied for separately (see hardscaping plan)
6. Door and Window Schedule (4 copies): Must include window type (true divided, simulated divided), number of lights, dimensions, materials, manufacturers type name and type number
7. UNDERSTAND THAT A TRUE DIVIDED LIGHT WINDOWDOOR IS DEFINED AS MULTIPLE INDIVIDUAL SINGLE PANES OF GLASS (i.e., NOT DOUBLE-PANED OR INSULATED) ASSEMBLED IN THE SASHDOOR USING MUNTINS.
 (initial to indicate read and understand)
8. Abutter Notification Materials - Abutters list from Assessors Office, certified mail stubs, and a copy of letter are required for all applications for changes of 1000 square feet or more except in the Nantucket Historic Core and "Scorsnet Historic Core where the requirement for new construction is 100 square feet.
9. Approvals from Planning Board, Zoning Board of Appeals, Conservation Commission etc.