

THE CITY OF ORANGE TOWNSHIP HISTORIC PRESERVATION COMMISSION

APPLICATION NUMBER: A7192-23 DATE RECEIVED: 6/23/23

MEETING DATE: July 19, 2023 MEETING DATE: _____

NAME: Sheila Robanson

PHONE: 973 715 0733 E-MAIL: brandnew77@aol.com

NAME: Suntuity Solar LLC

PHONE: 732-979-2400 x7156 E-MAIL: nypermitting@suntuity.com

BLOCK: 4602 LOT 6 ORANGE VALLEY MONTROSE SEVEN OAKS PARK MAIN STREET ST JOHN'S

ADDRESS: 196 Tremont Avenue

PROPOSED WORK: Solar

PHOTOS SURVEY STRUCTURAL CERTIFICATION SKETCHES MATERIAL SPECIFICATIONS SITE PLAN

APPLICATION FEE: \$70 CHECK NO: 32935 RECEIPT NO: 5001 ONLINE: _____

TRC: _____ APPROVED _____ DENIED _____ RESCHEDULED _____

APPROVAL LETTER _____ RESOLUTION NUMBER _____ RESOLUTION DATE _____



CITY OF ORANGE HISTORIC PRESERVATION COMMISSION

ORANGE CITY HALL

29 North Day Street, Orange, New Jersey 07050

PHONE (973) 952- 6344 FAX (973) 672-6643

**CITY OF ORANGE PRESERVATION COMMISSION
APPLICATION FOR CERTIFICATION OF APPROPRIATENESS**

DATE RECEIVED _____

APPLICATION # _____

APPLICANT(S):

Name of Applicant(s): Suntuity Solar LLC

Address: 2137 Rt 35 N, Holmdel, NJ 07733

Email: njpermitting@suntuity.com

Telephone (Day) 732-979-2400x7156

(Eve) _____

(Fax) 732-979-2401

Relationship of Applicant to Property owner:

Owner(s)

Lessee

Property Under Contract

Other (Specify)

Explanation if Other: Contractor/Solar Installer

OWNER(S), IF DIFFERENT THAN APPLICANT:

Name(s) of Owner(s): Sheila Robinson

Address: 196 Tremont Ave

Email: Brandnew77@aol.com

Telephone Number: (Day) (973) 715-0733

(Eve) (973) 715-0733

Street Address of the Property that is subject of Application: _____

196 Tremont Ave, City of Orange, New Jersey 07050

Tax Block: 6602

Lot: 6

Name of Historic District in which Property lies: _____

Orange Valley

Montrose Seven Oaks Park

Main Street

St. John's

Existing use of the Property:

Single Family; Residential

Existing zoning of the Property:

Single Family; Residential

Describe in detail the proposed work to be done at the Property.

Install PV solar system on roof with 19 modules. Panels will be flat mounted, but will not exceed roof peak.

Explain how you plan to prevent, minimize and mitigate any adverse effects to this Property, to nearby historically significant properties, and to the Historic District?

Suntuity strives for a clean and efficient installation for the homeowner and property.

Each Application must be accompanied by sketches, drawings, photographs, descriptions or other information sufficient to show the proposed alterations, additions, changes or new construction. The Commission may require the subsequent submission of such additional materials as it reasonably requires to make an informed decision. A submission shall include:

- **A photograph of each elevation of the structure.**
- **Three (3) copies of drawings, photographs, material brochures, samples, specifications or information that may be necessary to assist the Commission. Copies may be submitted electronically, or by CD or flash drive.**
- **Three (3) copies of a survey, or if applicable, a site plan showing the location of new and existing structures on the site and their location with respect to the building line, property line, and the front of those buildings or structures immediately adjacent to each side of the lot to be built upon.**
- **Three (3) copies of façade elevation(s), if applicable, of the proposed work in sufficient detail to identify the limits and location of the proposed work, and existing and proposed materials to be used.**
- **\$70.00 Application fee (check or money order made to the City of Orange).**

By signing this Application, I hereby certify that the owner of record authorizes the proposed work and I have been authorized by the owner to make this Application as his/her authorized agent. By signing this Application, the owner hereby grants authorization to the Commission members, and its professional and support staff to enter the Property in question for inspection purposes. By signing this application I further agree that the attorney's and professional staff's review of my application is chargeable to me and that I agree to pay for such review separately from the application fee, by depositing an escrow payment of \$ _____.

Signature of Applicant(s) DocuSigned by: Meaghan Keple

(Print Name) Meaghan Keple

Date 4/5/2023

Signature of Owner(s) (if different than Applicant) DocuSigned by: Sheila Robinson

(Print Name) Sheila Robinson

Date 4/28/2023

Submittal of this Application form-properly signed, with the indicated copies of documents and the Application fee will constitute a complete Application. Upon receipt of a complete Application, the Board Secretary will schedule the Application with the Commission. The Applicant delays his/her own Application if all of these required items are not submitted. The Commission shall reach a decision on the Application within forty-five (45) days of submission of a complete Application. The Applicant must appear in front of the Commission in order to present the Application during the public hearing on the scheduled date.

Telephone: 732-979-2400x7156 Fax: 732-979-2401 Website: _____

Date payment received: _____ Check Number: _____

Date sent to Finance: _____ Receipt Number: _____

Certification of Appropriateness Application Form Adopted 10/21/15, revised 10/6/22.



The City of Orange Township Historic Preservation Commission

INSTRUCTIONS AND REQUIRED ATTACHMENTS FOR ALL APPLICATIONS

If your Application is not deemed complete, it will not be heard and your project will suffer delay. In order for your Application for a Certificate of Appropriateness to be deemed complete, you must provide the following documents with your Application:

- A. Photographs of the existing condition of each elevation (façade) of the structure, front, sides and rear, including photographs of the structure from the nearest public street or sidewalk, approaching the structure and leaving the structure. This means a minimum of three color photographs of the front, and both sides of the house or building. This is essential to understanding what work, installations, improvements etc. will be visible from the Public Street or right-of-way. An aerial shot by a drone of the structure is insufficient to satisfy this requirement.
- B. A site plan or other plan or drawing incorporating the location, type, design and details of the work to be undertaken. The plan must show the location of the street and front of the house or building that is the subject of the Application. Façade elevation(s), if applicable, of the proposed work shall have sufficient detail to identify the limits and location of the proposed work.
- C. Samples, specifications and product information on the materials (shingles, windows, paint, brick, wood siding, etc. that you intend to install) to assist the Commission in understanding the work to be undertaken and the products that will be placed on your property. No vinyl or aluminum siding is allowed on any history property, site or in any historic district. Photographs of examples of property/architectural features elsewhere in the historic district that are sought to be duplicated on your property may be submitted as examples. The Applicant should describe or show the existing and proposed materials to be used in some way. It is always preferred to use the same materials as the original structure.
- D. If applicable, a survey, or a site plan showing the location of any new proposed and existing structures on the site and their location with respect to any existing building footprints, height, property boundary lines, fence locations if applicable, and the front of those buildings or structures immediately adjacent to each side of the property(ies) on which the work will be undertaken, to help the Commission determine the design, scale and massing in context of the historic site, property, or neighborhood district.

ADDITIONAL INSTRUCTIONS AND REQUIRED ATTACHMENTS FOR SOLAR/PV APPLICATIONS

- A. As part of the plan set for the solar installation, a roof layout plan for the solar/PV panels and equipment, showing the front of the house or building on which the panels will be installed, and the location of the street.
- B. At least three color photographs from the front of the house, and both sides, as described above, in Section I. A., taken from the street level and showing the roof areas on which the solar panels will be placed, so that the Commission can see whether the panels to be attached to the roof according to the roof layout plan will be visible from the street.
- C. A written certification signed by a professional engineer (P.E.) or architect certifying to the fact that the structure and roof of the building that is the subject of the Application on which the solar/PV panels and related equipment will be installed, is capable of bearing the load of the panels and related equipment without any additional support or renovation, and that the installation will comply with the applicable building codes, if properly installed according to instructions.

Wells Fargo
63-2/212

32935

Suntuity Solar LLC
2137 Route 35 N
Holmdel, NJ 07733

6/20/2023

PAY TO THE
ORDER OF

Orange City Township

\$ 70.00

DOLLARS

seventy and 00/100*****

Orange City Township
29 North Day Street,
Orange, NJ 07050
United States

MEMO

VALID V
VALID V
VALID V
VALID V

[Handwritten Signature]
AUTHORIZED SIGNATURE

Sheila Robinson, 196 Tremont Ave, City of Orange, New Jersey 07050

⑈03 293 5⑈ ⑆021 2000 25⑆ 8444 5364 63⑈

Suntuity Solar LLC

32935

Orange City Township

6/20/2023

Account

Date Memo

Amount

50161 COST OF GOODS SOLD : INSTALLATION COSTS : ZONING

\$70.00

THIS IS YOUR RECEIPT

DATE

6/26/23

AMOUNT

\$70.00

RECEIVED FROM

Suntuity solar

APC 113

Receipt # 5001

Check # 32935

A 7192-23 196 Tremont Ave

Treasurer's Miscellaneous Receipt
City of Orange Township, New Jersey

AMOUNT OF ACCOUNT	70
THIS PAYMENT	70
BALANCE DUE	0

CASH
 CHECK

BY

[Handwritten Signature]

Thank You

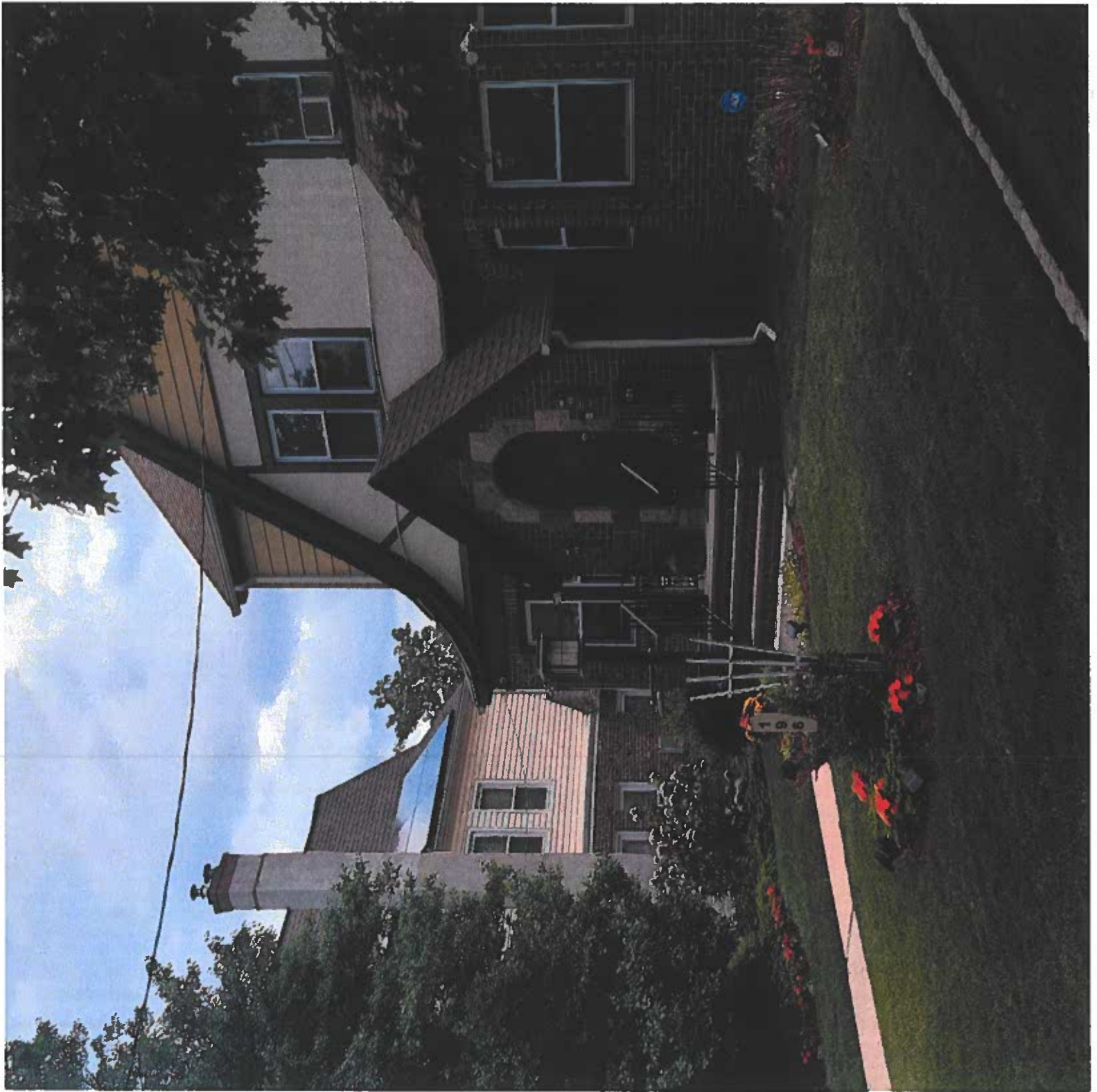
RECEIVED FROM Suntuity Solar
Seventy dollars + 00/100
FOR 196 Tremont Avenue A7192-23

\$ 70 00
DOLLARS

DATE 6/26/23

OFFICE OF THE MUNICIPAL CLERK
THE CITY OF ORANGE TOWNSHIP
CITY HALL
ORANGE, NEW JERSEY 07050

5001










D. Solar Panel Anchorage

1. Roof 1
 - i. The solar panels shall be mounted in accordance with the most recent EcoFasten Solar installation manual. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
 - ii. The maximum allowable withdrawal force for a $5/16"$ lag screw is 229 lbs per inch of penetration as identified in the National Design Standards (NDS) of timber construction specifications. Based on a minimum penetration depth of $2\frac{1}{2}"$, the allowable capacity per connection is greater than the design withdrawal force (demand). Considering the variable factors for the existing roof framing and installation tolerances, the connection using one $5/16"$ diameter lag screw with a minimum of $2\frac{1}{2}"$ embedment will be adequate and will include a sufficient factor of safety.
2. Roof 2 & 3
 - i. The solar panels shall be mounted in accordance with the most recent Ecofasten Deck Mount installation manual. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
 - ii. The maximum allowable withdrawal for a $5/16"$ wood screw in $\frac{1}{2}"$ plywood/OSB board is 55 lbs per screw (per APA technical note E830d). Connection on the roof is utilizing eight (8) $5/16"$ wood screws into the existing decking to resist uplift forces. Contractor to verify installation to be performed in accordance with the manufacturer's recommendations. Based on eight (8) $5/16"$ wood screws into $\frac{1}{2}"$ sheathing, 440 lbs of uplift resistance is provided per attachment.
3. Considering the wind speed, roof slopes, size and spacing of framing members, and condition of the roof, the panel supports shall be placed no greater than 48" on center.

Based on the above evaluation, this office certifies that with the racking and mounting specified, the existing roof system will adequately support the additional loading imposed by the solar system. This evaluation is in conformance with the 2021 IRC with New Jersey Amendments, current industry standards and practice, and is based on information supplied to us at the time of this report.

Should you have any questions regarding the above or if you require further information do not hesitate to contact me.

Very truly yours,


Scott E. Wyssling, PE
New Jersey License No. 41996
COA# 24GA28352000



Wyssling Consulting, P.L.L.C.
76 N. Meadowbrook Drive Alpine UT 84004
New Jersey COA 24GA28352000


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