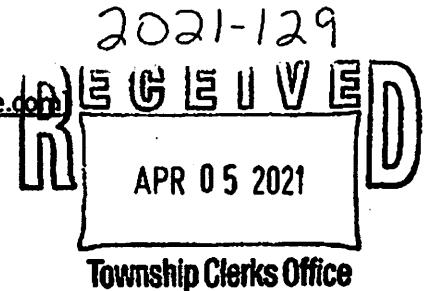


Brian Flynn

From: Diana McCracken
Sent: Monday, April 05, 2021 12:23 PM
To: Brian Flynn
Subject: FW: OPRA request - 316 Lake Champlain Dr, Little Egg Harbor Twp, NJ 08087

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

From: Alexandra Waldron (<mailto:opra+request-21521-adcb58f5@requests.opramachine.com>)
Sent: Monday, April 5, 2021 12:13 PM
To: Diana McCracken <dmccracken@leht.com>
Subject: OPRA request - 316 Lake Champlain Dr, Little Egg Harbor Twp, NJ 08087



Dear Little Egg Harbor Township,

This is a request for public records made under OPRA and the common law right of access. I am not required to fill out an official form. Please acknowledge receipt of this message.

Records requested:

Construction Permits, Well Drilling, Water Supply, Oil Tank Removal

Address:

316 Lake Champlain Dr, Little Egg Harbor Twp, NJ 08087

Yours faithfully,

Alexandra Walrod
ally.waldron@gmail.com

Please use deliver records electronically via email to the below UNIQUE address for all replies to this request:
opra+request-21521-adcb58f5@requests.opramachine.com

Is mccracken@leht.com the wrong address for OPRA requests to Little Egg Harbor Township? If so, please contact us using this form:

https://opramachine.com/change_request/new?body=little_egg_harbor_township

Disclaimer: This message and any reply that you make will be published on the internet. Our privacy and copyright policies:

<https://opramachine.com/help/officers>

View this OPRA request & responses online:

https://opramachine.com/request/316_lake_champlain_dr_little_egg

Please note that in some cases publication of requests and responses will be delayed.

If you find this service useful as an OPRA custodian, please ask your web manager to link to us from your organisation's website.

128 Bartlett Avenue, Suite A, West Creek, NJ 08092

Phone: 609-296-9063

Fax: 609-294-0775

NJ Registration #13HE00002500

www.amonconstruction.com

FOR INFORMATION ABOUT CONTRACTORS AND THE CONTRACTORS' REGISTRATION ACT, CONTACT THE NEW JERSEY DEPARTMENT OF LAW AND PUBLIC SAFETY, DIVISION OF CONSUMER AFFAIRS AT 1-888-656-6225. This email and any files transmitted or faxed with it are confidential & solely for the use of the individual(s) or entity to whom they are addressed. If you have received this email in error, please contact AMON CONSTRUCTION, LLC immediately by reply email or telephone; and delete, destroy or shred all copies of the original message.

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 48:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.b:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

(X) Check if contractor.

Agent Name Suntuity Solar LLC

Address 2137 Route 35N

Holmdel, NJ 07733

Telephone 7329792400 X7145

Signature [Signature]

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:23-2.15(b)4.

- IV. ☐ HOME ELEVATION: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.18.



Little Egg Harbor Township
665 Radio Road

Little Egg Harbor Twp., NJ 08087
609-296-7241 ext 616

Date Issued:

Application Number: ZA-19-00095

Application Date: 2/27/2019

Project Number: _____

Permit Number: _____

Fee: \$35.00 CHK 10789

Zoning Permit

Worksite **316 LAKE CHAMPLAIN DRIVE**
Location: **Little Egg Harbor Township, NJ 08087**

Owner: **FONTANES, PHILIP & FONTANES, JOHN**
Address: **219 LAKE CRYSTALBROOK DR**
LITTLE EGG HARBOR, NJ 08087

Applicant: **SUNTUITY SOLAR LLC**
Address: **2137 ROUTE 35N**
HOLMDEL, NJ 07733

Block: 325.60 Lot: 36 Qualifier: _____ Zone: _____

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Present Use: (None)

☐ Non Conforming Use

☐ Non Conforming Structure

Proposed Use: (None)

Work Description:

SOLAR

Application Approved Date: 2/28/2019

Building Permit: C-19-00241

Upon review it was determined that the Zoning Permit:

☒ Permitted by Ordinance

☐ Permitted by Variance approved on: _____

☐ Approved with Conditions

☐ Valid Nonconforming Use/Structure is established by

☐ Zoning Board of Adjustment

☐ Zoning Officer


John Cooley, Assistant Zoning Officer

2/28/2019

Date



Township of Little Egg Harbor
665 Radio Road
Little Egg Harbor, New Jersey 08087
Phone: 609-294-9071 Fax: 609-294-9065

NOTICE TO ALL ZONING APPLICANTS

As per ordinance #25-4, section 17-2 any applicants applying for a Zoning permit to do any of the following home improvements: additions, fences, sheds, garages, swimming pools, patio's, sidewalks, planters, retaining walls, landscaping or any other use that could affect the flow of water from the property, are subject to a grading plan designed by a New Jersey Licensed Engineer.

The Little Egg Harbor Township Zoning Officer and the Township Engineer reserve the right to require a Grading Plan if they have determined that any structure, building or use has changed or may cause any adverse impact on any adjoining properties.

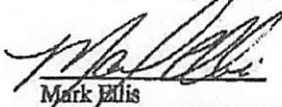
All New Home permits are required to have a grading plan approved by the Township Engineer.

FOR ALL APPLICATIONS IN THE FLOOD PLAIN:

All mechanical equipment (meter sockets, air conditioners, hot water heaters, etc.) that service the building, **MUST BE INSTALLED TO AN ELEVATION ABOVE FLOOD LEVEL (BFE) PLUS ONE FOOT.**

An elevation benchmark on the foundation is strongly recommended to all applicants. Failure to supply a benchmark, results in the applicant moving ahead at their own risk. Should the final site plan show the mechanical systems to be below the flood elevation and one foot of freeboard, systems must be elevated to meet flood plain regulations.

Verify that this has been read by initialing PP.



Mark Ellis
LEHT Zoning Officer/Flood Plain Manager

02/18/2019

Date

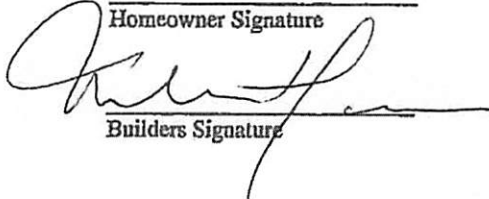
Philip Fontanes
Print Name

Melissa Harris
Print Name

Revised 3-31-15 dg

Philip Fontanes

Homeowner Signature



Builders Signature



Township of Little Egg Harbor

ZONING APPLICATION

665 Radio Road

Little Egg Harbor, New Jersey 08087

Phone: 609-294-9071

Fax: 609-294-9065

DATE: 2.15.19

PHONE NUMBER: 609-296-8999

E-MAIL: nipermitting@sunvity.com

1. NAME OF OWNER: Philip Fontanes

2. JOB SITE ADDRESS: 316 LAKE CHAMPLAIN DRIVE

3. NAMES AND ADDRESS OF CONTRACTOR IF DIFFERENT FROM APPLICANT:
Sunvity Solar LLC 2137 RT 35 N Holmdel NJ 07733

4. BLOCK: 325.60 LOT: 36 AND STREET ADDRESS OF PREMISES FOR WHICH ZONING PERMIT IS DESIRED.

316 LAKE CHAMPLAIN DRIVE LITTLE EGG HARBOR NJ 08087

5. A CERTIFIED SEALED PLAT PLAN MUST ACCOMPANY ALL ZONING APPLICATIONS SHOWING ALL SET BACKS, STEPS, ACCESSORY BUILDINGS, MECHANICAL DEVICES SUCH AS AIR CONDITIONING UNITS, TOWERS, DRIVEWAYS, POOLS, ETC.

6. DESCRIBE IN DETAIL THE ACTIVITY OR ACTIVITIES TO BE CONDUCTED IN ANY PRINCIPAL BUILDING AND/OR ACCESSORY BUILDING. INCLUDING FENCE, DECK, ETC.

Installation Roof Mounted PV Solar System

7. ELEVATION HEIGHT OF THE LOWEST PART OF THE FLOOR BEING APPLIED FOR. _____

8. HEIGHT OF DECK FROM GROUND LEVEL, IF AROUND POOL GIVE DESCRIPTION AND MATERIAL:

DECK ACTUAL SIZE: _____

9. MAXIMUM PERCENT OF BUILDING COVERAGE _____

10. WAS A VARIANCE APPLIED FOR _____. RESOLUTION NO.: _____

11. SIZE OF BUILDING BEING APPLIED FOR: _____. HEIGHT OF BUILDING BEING APPLIED FOR: _____

11. (a) BUILDING HEIGHT MUST BE MEASURED FROM CURB LINE OR GUTTER AT STREET

11. (b) ANY STRUCTURE MUST HAVE HEIGHT ELEVATION ON AN AS BUILT SURVEY TO THE HIGHEST POINT OF STRUCTURE, EXCLUDING CHIMNEY.

12. FENCES: HEIGHT _____ TYPE _____

13. A/C UNITS, PROPANE TANKS, OIL TANKS AND OTHER MECHANICALS MUST BE SHOWN ON SURVEY.

14. BUILDER MUST VERIFY THAT THE HEIGHT IS NOT GREATER THAN 35 FEET FROM THE GUTTER LINE OR CURB LINE. IN THE R-50 AND R-70 ZONES FROM THE AVERAGE ELEVATION FROM THE TOP OF THE CURB OR AVERAGE GUTTER ELEVATION. ALL OTHER ZONES AT THE AVERAGE FINISHED GRADE AT THE FRONT OF THE BUILDING, FLOOD ZONE 40 FEET.

15. FLOOD HAZARD AREAS AN ELEVATION CERTIFICATE WILL BE REQUIRED:

INSTALLATION FOOT MOUNTED BY 20105 204501

310 LAKE CHAMBERLIN DRIVE 71418 800 40800 12 0808

392.00 310

20040001 20105 110 5130 5132 N. HAWKES 12 0323

310 LAKE CHAMBERLIN DRIVE

11015 110152

11015

11015-11015



CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

19-0345

C-19-00241

4/25/19

IDENTIFICATION Block: 325.60 Lot: 36 Qualifier _____
Work Site Location: 316 LAKE CHAMPLAIN DRIVE Little Egg Harbor Contractor SUNTUITY SOLAR LLC
Township, NJ 08087 Address 2137 ROUTE 35N HOLMDEL NJ 07733
Owner in Fee FONTANES, PHILIP & FONTANES, JOHN
219 LAKE CRYSTALBROOK DR LITTLE EGG Telephone: (732) 979-2400
HARBOR NJ 08087 Lic. No. or Bldrs. Reg. No. 13VH09300100 15745
Telephone: (609) 296-8999 Federal Employee. No. _____

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:

SOLAR (ROOF MOUNT)

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$6,100

[Signature]
Construction Official

3/7/19
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$150
Electrical	\$250
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$12
CO Fee	
Other	\$0
Total	\$412
Check No.	
Cash	\$0
Credit	\$0
Collected By	<u>[Signature]</u>

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

- ☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:
1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
 2. Foundations and all walls up to grade level prior to back filling.
 3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and/or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
 4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

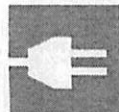
☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 325-60 Lot 316 Qualification Code _____

Work Site Location 3116 LAKE CHAMPION DRIVE
LITTLE Egg Harbor NJ 08087

Owner in Fee: Philip Fontaine

Tel. 609 296-8999 e-mail jfont219@yahoo.com

Address 3116 Lake Champion Drive Little Egg Harbor NJ 08087

Contractor: Suntuity Electric, LLC Tel. (732) 979-2400

Address 2137 Route 35 N e-mail njpermitting@suntuity.com

Holmdel, NJ 07733

Contractor License No. 34EB01572800 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 452907793 FAX: (732) 979-2401

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other

Building Occupied as Residence Utility Co. ACE

Est. Cost of Elec. Work \$ 4600

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Approval	Initial
[] No Plans Required		Rough			
[] Partial -Under slab Utilities Approved		Barrier-Free			
Date: _____ Approved by: _____		Trench			
[] Electric Plans Approved		Temp. Serv.			
Date: <u>3/19/19</u> Approved by: <u>[Signature]</u>		Constr. Serv.			
Joint Plan Review Required:		TCO			
[] Bldg. [] Plumb. [] Fire. [] Elev.		Other			
SUBCODE APPROVAL for PERMIT		Service			
Date: <u>3/19/19</u>		Final			
Approved by: <u>[Signature]</u>		Barrier-Free			
SUBCODE APPROVAL for CERTIFICATE		Temp. Cut-in-Card Date Issued			
[] CO [] CCO [] CA		Final Cut-in-Card Date Issued			
Date: <u>5/20/19</u>		Annual Pool Inspection			
Approved by: <u>[Signature]</u>		Date of Grounding and Bonding Certification			

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: Vincent Vellucci

Print name here: Vincent Vellucci

☒ Licensed Elec. Contractor [] Certif'd Landscape Irrigation Cont'r [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: INSTALLATION OF SOLAR PV SYSTEM

QTY.	SIZE	ITEMS	FEE (Office Use Only)
_____	_____	Lighting Fixtures	_____
_____	_____	Receptacles	_____
_____	_____	Switches	_____
_____	_____	Detectors	_____
_____	_____	Light Poles	_____
_____	_____	Motors—Fract. HP	_____
_____	_____	Emergency & Exit Lights	_____
_____	_____	Communications Points	_____
_____	_____	Alarm Devices/F.A.C. Panel	_____
0	_____	TOTAL NUMBERS	\$ _____
_____	_____	Pool Permit/with UW Lights	_____
_____	_____	Storable Pool/Spa/Hot Tub	_____
_____	_____	KW Elec. Range/Receptacle	_____
_____	_____	KW Oven/Surface Unit	_____
_____	_____	KW Elec. Water Heater	_____
_____	_____	KW Elec. Dryer/Receptacle	_____
_____	_____	KW Dishwasher	_____
_____	_____	HP Garbage Disposal	_____
_____	_____	KW Central A/C Unit	_____
_____	_____	HP/KW Space Heater/Air Handler	_____
_____	_____	KW Baseboard Heat	_____
_____	_____	HP Motors 1/+ HP	_____
14	240	KW Transformer/Generator INVERTERS	_____
1	60	AMP Service SOLAR DISCONNECT	_____
_____	_____	AMP Subpanel	_____
_____	_____	AMP Motor Control Center	_____
1	4.41	KW Elec. Sign/Outline Light KW PV SOLAR	_____

LINE
TAPS

Administrative Surcharge \$ 250
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

APPROVED

COMPLY WITH NFPA 70
NEC 2014 EDITION

Handwritten notes at the top of the page, including "10/10/10" and "10/10/10".

Handwritten notes in the middle of the page, including "10/10/10" and "10/10/10".

Handwritten notes in the middle of the page, including "10/10/10" and "10/10/10".

Handwritten notes at the bottom of the page, including "10/10/10" and "10/10/10".

Handwritten notes at the bottom of the page, including "10/10/10" and "10/10/10".

Handwritten notes at the bottom of the page, including "10/10/10" and "10/10/10".

BettyAnn Resch

From: Melissa Harris <melissa.harris@suntuity.com>
Sent: Wednesday, May 22, 2019 1:10 PM
To: BettyAnn Resch
Cc: Ruth Delia
Subject: CA Request - 316 Lake Champlain Drive - Permit #19-0345

Good Afternoon,

I would like to request a CA (Approval Certificate) for 316 Lake Champlain Drive - Permit #19-0345, Block 325.6 / Lot 36

Thanks

--

Best Regards,

Melissa Harris

Program Coordinator

2137 Route 35 North
Holmdel, NJ 07733
Tel: 732-979-2400 X7145
Fax: 732-979-2401

Notice: This e-mail message, together with any attachments, contains information of Suntuity™ and/or its affiliates that may be confidential, proprietary copyrighted and/or legally privileged. It is intended solely for the use of the individual or entity named on this message. If you are not the intended recipient, and have received this message in error, please notify us immediately by reply e-mail and then delete it from your system.



Sent Cert
5/22/19



Little Egg Harbor Township
665 Radio Rd
Little Egg Harbor, NJ 08087

Certificate

Construction Code Division
(Certificate of Approval)

Date Issued 5/23/2019
Control Number C-19-00241
Permit Number 19-0345
Permit Issue Date 4/25/2019

Certificate Number 19-0345

Identification

Block: 325.60 Lot: 36 Qual: _____

Work Site Location: 316 LAKE CHAMPLAIN DRIVE Little Egg Harbor Township, NJ 08087

Owner In Fee: FONTANES, PHILIP & FONTANES, JOHN

Owner Address: 219 LAKE CRYSTALBROOK DR LITTLE EGG HARBOR NJ 08087

Telephone: (609) 296-8999

Contractor SUNTUITY SOLAR LLC

Address 2137 ROUTE 35N HOLMDEL NJ 07733

Telephone: (732) 979-2400 Fax: _____

License Number or Builders Registration Number: _____

Federal Emp. Number: _____

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Construction Classification: _____ Use Group: R-5

Maximum Occupancy Load: 0 Maximum Live Load: 0

Description of Work/Use:
SOLAR (ROOF MOUNT)

Certificate Comments:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJACS:17 to the following extent.

☐ Total removal of lead-based paint hazards in scope of work

☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

☐ Total removal of asbestos hazards in scope of work

☐ Partial or limited time period (_____ years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than:
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:


Construction Official _____ U.C.C. F260 (rev. 08/05)

Fee: \$0.00

Check Number: _____

Collected By: _____

Date Printed: 5/21/2019

Page 1



CONSTRUCTION PERMIT

Date Issued 19-0345
Control # C-19-00241
Permit # 4/25/19

IDENTIFICATION Block: 325.60 Lot: 36 Qualifier _____
Work Site Location: 316 LAKE CHAMPLAIN DRIVE Little Egg Harbor Contractor SUNTUITY SOLAR LLC
Township, NJ 08087 Address 2137 ROUTE 35N HOLMDEL NJ 07733
Owner in Fee FONTANES, PHILIP & FONTANES, JOHN
219 LAKE CRYSTALBROOK DR LITTLE EGG Telephone: (732) 979-2400
HARBOR NJ 08087 Lic. No. or Bldrs. Reg. No. 13VH09300100 15745
Telephone: (609) 296-8999 Federal Employee. No. _____

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

SOLAR (ROOF MOUNT)

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.
Estimated Cost of Work \$6,100

[Signature]
Construction Official

3/7/19
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$150
Electrical	\$250
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$12
CO Fee	
Other	\$0
Total	\$412
Check No.	<u>11148</u>
Cash	\$0
Credit	\$0
Collected By	<u>[Signature]</u>

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

- ☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:
1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
 2. Foundations and all walls up to grade level prior to back filling.
 3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
 4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

Diagram illustrating the layout of a solar module array. The array consists of a 4x4 grid of solar modules, with a transition box located in the top right corner. The overall dimensions are 14'-6" wide and 49'-7" long. A north arrow is shown at the bottom right.

TABLE OF CONTENT	
NO.	TITLE
PV - 1.0	ARRAY LAYOUT
PV - 2.0	RACKING LAYOUT
PV - 3.0	STRUCTURAL
PV - 4.0	ELECTRICAL LINE DIAGRAM

WIND SPEED	125 MPH
SNOW LOAD	20 LB/SQ.FT.

REFERENCE CODES:IRC-2015-W/MB
EDITION,NEC 2014
BUILDING USAGE=R-RESIDENTIAL,
CONSTRUCTION=5-B UNPROTECTED

Little Egg Harbor Construction Department
SOUTH EAST ROOF
ILL: 22°
AZIMUTH: 120°
RELEASE DATE 3/7/19
BLDG. SUBCODE OFFICIAL 2/25/19
PLBG. _____
FIRE _____
ELECT. _____
CONSTRUCTION OFFICIAL [Signature]

NOTE:

- 1) THE EXISTING ROOF STRUCTURE HAS BEEN EVALUATED FOR THE PROPOSED NEW SOLAR LOAD AND DETERMINED TO BE OF SUFFICIENT CAPACITY TO INSTALL THE PROPOSED SOLAR ARRAY AS FOLLOWS:
 - A) SHINGLE ROOF – MECHANICALLY FASTENED PV SYSTEM NOT TO EXCEED WEIGHT OF 4.0 LBS./SQ.FT.
 - B) SEE STRUCTURAL SECTION FOR FRAMING UPGRADES AS REQUIRED.
- 2) CONTRACTION TO VERIFY RAFTER SIZE AND SPACING BEFORE COMMENCEMENT OF WORK IF RAFTER SIZE AND SPACING ARE DIFFERENT THAN INDICATED ON THE DOCUMENTS. CONTRACTION IS TO NOTIFY THE ARCHITECT IMMEDIATELY.

SIGN: 
NAME: THOMAS W. GILLIS, P.A.
N.J. U.C.No. 1834700
DATE:

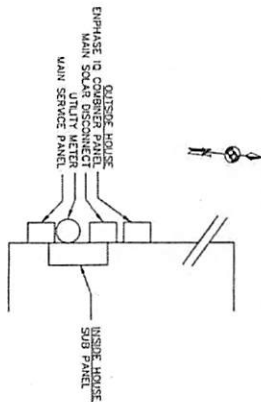
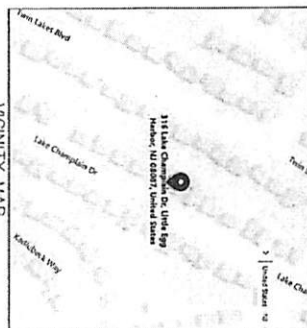
Philip Fontanes
316 Lake Champlain Drive ,
Little Egg Harbor
Township, NJ 08087, United States
(Lat/Long :39.573320, -74.373898)

Suntuity
POWER REFINANCE FROM INSIDE

2137 Route 35
Holmdel, NJ 07733
Tel: (732) 979-2400
Fax: (732) 979-2401



SITE MAP (N.T.S)

COMPONENT LOCATION

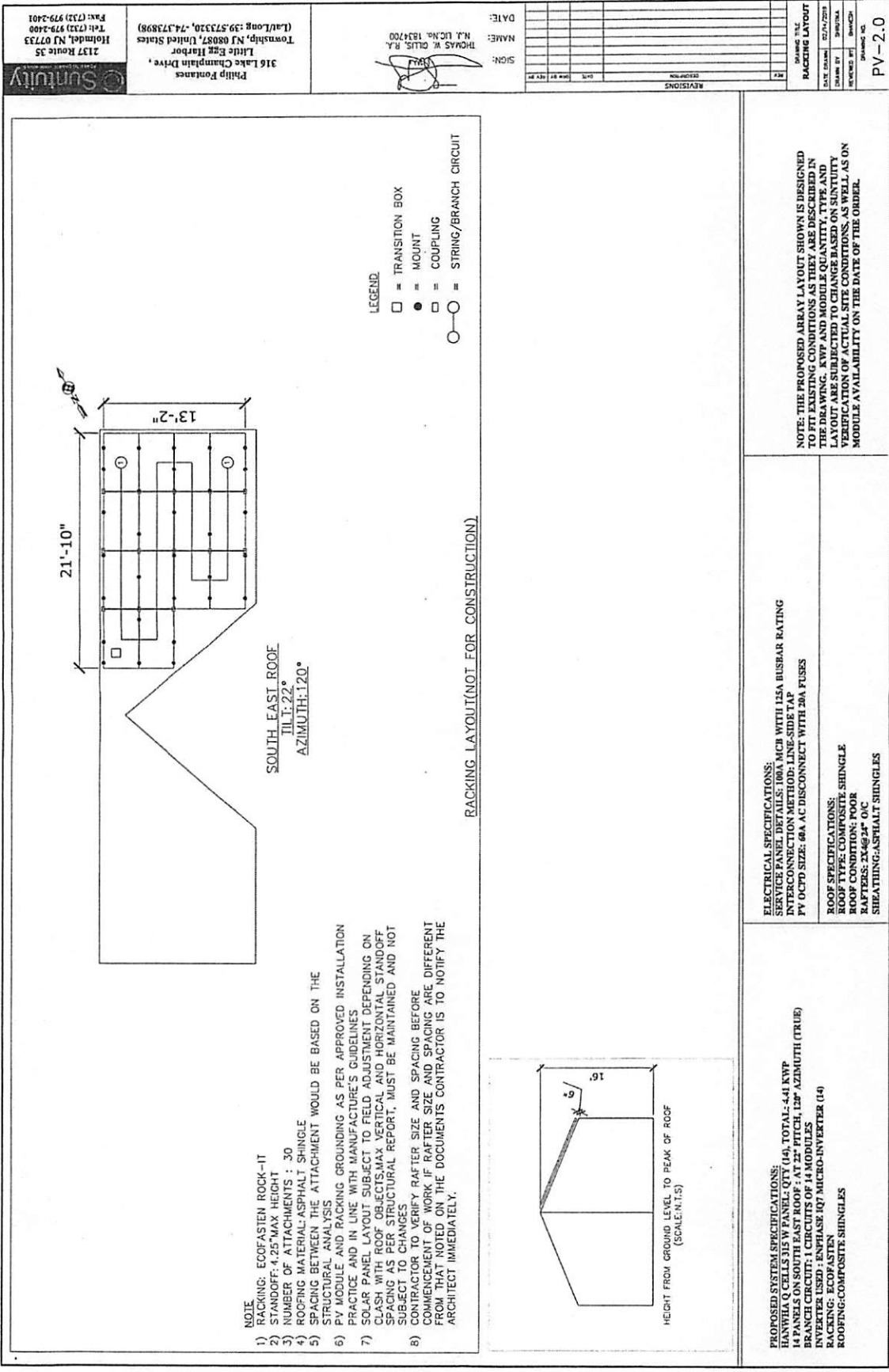
VICINITY MAP

PROPOSED SYSTEM SPECIFICATIONS:
HAWTHORNE 10 CELLS 315 W PANEL; QTY (14), TOTAL: 441 KWp
14 PANELS ON SOUTH EAST ROOF; AT 2° PITCH, 129° AZIMUTH (TRUE)
BRANCH CIRCUIT: 1 CIRCUITS OF 14 MODULES
INVERTER USED: PHENASE IQ7 MICRO-INVERTER (14)
BANKING: ECOPASTER
LOADING: COMPOSITE SHINGLES
ROOFING: COMPOSITE SHINGLES

ELECTRICAL SPECIFICATIONS:
SERVICE PANEL DETAILS: 100A MCB WITH 12A BUSBAR RATING
TERMINAL BLOCKS: 12-100A
WIRING METHOD: CABLE TRAY
CONNECTION METHOD: LINE-SIRE TAP
PVC DUCT SIZE: 9A AC DISCONNECT WITH 20A FUSES

NOTE: THE PROPOSED AREA LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED IN THE DRAWING. RWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON SUNTURY VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY ON THE DATE OF THE ORDER.

CHARGING TRL	
ARRAY LAYOUT	
DATE CHARGED	02/14/2018
CHARGED BY	588755A
RECORDED BY	584552H
CHARGING NO.	
PV-1.0	



NO NEW CONSTRUCTION IS BEING PROPOSED, PV SYSTEM IS TO BE MOUNTED ON EXISTING ROOF STRUCTURE.

2. SOLAR PANELS SHALL NOT EXCEED ANY PART OF ROOF EDGE OR PEAK.

3. SUNTUITY SHALL BE OBTAINING THE BUILDING AND ELECTRICAL PERMIT ONCE THE PLANS ARE APPROVED FOR CONSTRUCTION. SUNTUITY SHALL PRESENT PROOF OF INSURANCE, PROOF OF CONTRACTING LICENSE, AND WILL SUBMIT A CHECK IN EXCHANGE FOR THE NECESSARY PERMITS, ALL FEES SHALL BE REIMBURSED AS PER CONTRACT.

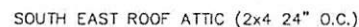
CONTRACTOR SHALL CHECK AND VERIFY ALL LINES, LEVELS, DIMENSIONS AND SHOWN CONDITIONS, AND WILL BE RESPONSIBLE FOR THE CORRECTNESS AND SETTING OUT OF HIS WORK. THE ARCHITECT HAS NOT BEEN RETAINED TO PROVIDE CONSTRUCTION ADMINISTRATION OR SUPERVISION FOR THE PROJECT, AND IS NOT RESPONSIBLE FOR ANY DEVIATION AND/OR MODIFICATION TO WORK INDICATED, DETAILED, OR SPECIFIED IN THE DRAWING. ANY OMISSIONS AND/OR DISCREPANCIES IN THE DRAWING NOTED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.

7. CONTRACTOR TO VERIFY RAFTER SIZE AND SPACING BEFORE COMMENCEMENT OF WORK IF RAFTER SIZE AND SPACING ARE DIFFERENT FROM THAT NOTED ON THE DOCUMENTS CONTRACTOR IS TO NOTIFY THE ARCHITECT IMMEDIATELY.

PV MODULE
WEIGHT = 41.2 LBS.
AREA = 66.3"x39.4" NOMINAL (17.604 SQ.FT.)

TYPICAL LAYOUT PROVIDES AN AVERAGE OF 1.6 FEET PER
MODULE

MODULE WEIGHT DISTRIBUTED PER MOUNTING FOOT =
41.2 LBS./1.6 FEET = 25.75 LBS./MTG. FOOT.



KEY PLAN

ELECTRICAL SPECIFICATIONS:
SERVICE PANEL DETAILS: 100A MCB WITH 125A BUSBAR RATING
INTERCONNECTION METHOD: LINE-SIDE TAP
PV OCPD SIZE: 60A AC DISCONNECT WITH 20A FUSES

NOTE: THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED IN THE DRAWING. KWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON SUNTUTTY VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY ON THE DATE OF THE ORDER.

Philip Fontanes
316 Lake Champlain Drive,
Little Egg Harbor
Township, NJ 08087, United States
(Lat/Long :39.573320, -74.373898)

SIGN:  THOMAS W. GILLIS, R.A.
NAME: N.J. UC.No. 1834700

[illegible]DRAWING TITLE
STRUCTURAL

DATE DRAWN:	02/14/2011
DRAWN BY:	DBR/TGA

CRANKING NO.

PV-3.0

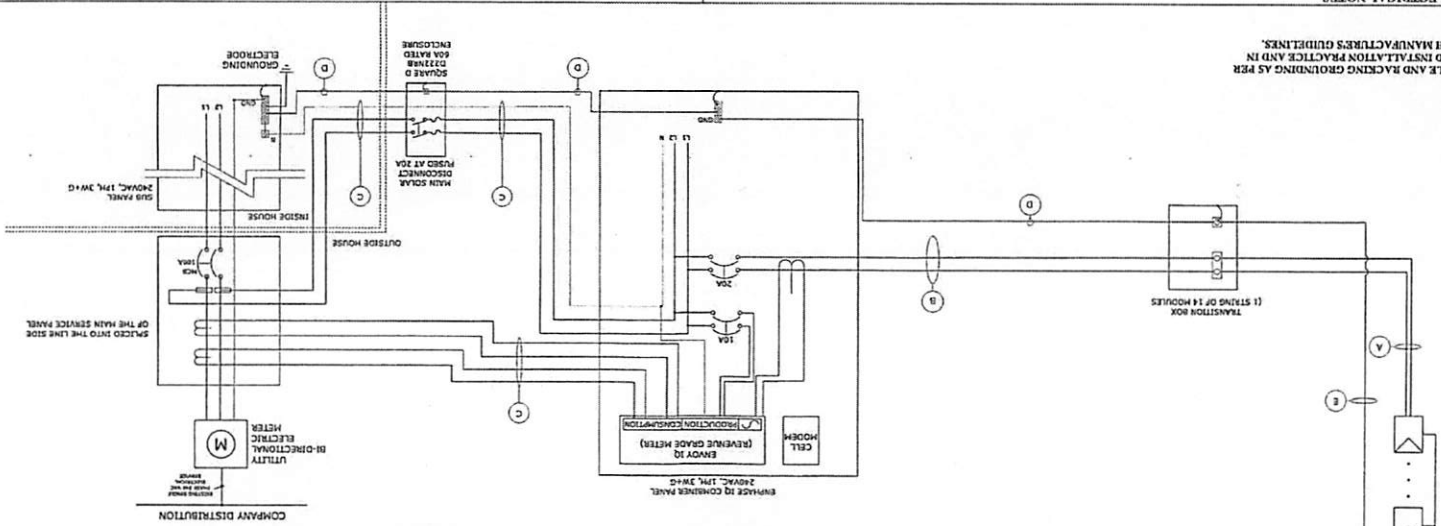
ARRAY DETAILS	NO. OF MODULE PER BRANCH	1014
	CIRCUIT	
	NO. OF BRANCH CIRCUITS	1
ARRAY WATTS AT STC		4410

MODEL NO.	0-CELLS 315W
PEAK POWER	315W
RATED VOLTAGE (Vmp)	33.46 V
RATED CURRENT (Imp)	9.41 A
OPEN CIRCUIT VOLTAGE (Voc)	40.29 V
SHORT CIRCUIT CURRENT (Isc)	9.89 A

[illegible]

LEGEND

_____	NEUTRAL
_____	GROUND
_____	CONNECTION/ PROTECTION CT



NOTES:
PV MODULE AND RACKING GROUNDING AS PER
APPROVED INSTALLATION PRACTICE AND IN
LINE WITH MANUFACTURER'S GUIDELINES.

1. EQUIPMENT USED SHALL BE NEW AND "UL" LISTED AND SHALL BE INSTALLED AS PER MANUFACTURERS INSTALLATION MANUAL.
2. EQUIPMENT SHALL BE INSTALLED PROVIDING ADEQUATE PHYSICAL WORKING SPACE AROUND THE EQUIPMENT AND SHALL COMPLY WITH NEC.
3. PHOTOVOLTAIC POWER SYSTEMS SHALL BE PERMITTED TO OPERATE WITH UNGROUND PHOTOVOLTAIC SOURCE AND OUTPUT CIRCUIT AS PER NEC 690.3.
4. COPPER CONDUCTORS SHALL BE USED AND SHALL BE SIZED NOT TO EXCEED THE TEMPERATURE RATING OF THEIR INSULATION OR OF THE EQUIPMENT TO WHICH THEY ARE CONNECTED.
5. CONDUITS SHALL BE SIZED IN ACCORDANCE TO NEC CONDUCTORS APPROPRIATE SHALL BE RATED FOR TEMPERATURE CHANGES DUE TO AMBIENT TEMPERATURE AND VOLTAGE DROP.
6. ALL EQUIPMENT INSTALLED OUTDOORS SHALL HAVE A NEMA 3B RATING.
7. EXPOSED / LIVE SIDE INTER-CONNECTING SHALL COMPLY WITH NEC.
8. LOADS / LIVE SIDE INTER-CONNECTING METAL PARTS SHALL BE GROUNDED AS PER NEC 690.4.
9. PV SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAMP SHUTDOWN FUNCTION THAT CONTROLS SPECIFIC CONDUCTORS IN ACCORDANCE WITH NEC 690.11 (5) THROUGH (8).
10. ALL CURRENT CARRYING CONDUCTORS SHALL BE PROTECTED BY CONDUIT WHERE EXPOSED TO SUNLIGHT.
11. FLEXIBLE CONDUIT SHALL NOT BE INSTALLED ON ROOFTOP, FLEXIBLE CONDUIT / NM CABLE SHALL BE USED INSIDE THE ATTIC IF REQUIRED.
12. CONDUIT TYPE / SIZE SHALL BE CHOSEN BY THE INSTALLATION CONTRACTOR TO MEET OR EXCEED NEC AND LOCAL REQUIREMENTS.
13. ALL PORTIONS OF THE PHOTOVOLTAIC SYSTEM SHALL BE MARKED CLEARLY IN ACCORDANCE WITH NEC ARTICLE 690. EQUIPMENT GROUNDING CONDUCTORS (EGC), THE EQUIPMENT MICOGROUNDING CONDUCTORS (GEC) OR MICOGROUNDER HAS A CLASS II DOUBLE-INSULATED RATING, WHICH INCLUDES GROUND FAULT PROTECTION (GFP), CT CONDUCTORS TO BE INSTALLED AS PER MANUFACTURER'S INSTALLATION GUIDELINES.DO NOT TIE CT CONDUCTORS TO

CALCULATIONS:

PROPOSED SYSTEM SPECIFICATIONS.

(A) BEFORE TO COMBINER PANEL.

AMBIENT TEMPERATURE - (33+27)°C - 55°C ... NEC

1.15 (14+1) (1.125) / 0.76 / 1 ... NEC 310.15(B)(7)(a)

TEMPERATURE DERATE FACTOR - 0.76 ... NEC 310.15(B)(7)(a)

GROUPING FACTOR - 1 ... NEC 310.15(B)(3)(a)

CONDUCTOR AMPACITY

(TOTAL INV O/P CURRENT $\times$ 1.25 / 0.96 / 1 ... NEC 690.8(B))

= (14 $\times$ 1) $\times$ 1.25 / 0.96 / 1

= 18.22 A

SELECTED CONDUCTOR - #6 THWN-2 ... NEC 310.15(B)(16)

2. PV OVER CURRENT PROTECTION ... NEC 690.9(B)

(TOTAL INVERTER O/P CURRENT $\times$ 1.25

= (14 $\times$ 1) $\times$ 1.25 = 17.5 A

SELECTED OCPD = 20 A ... NEC 240.6

HANWAY 40 CELLS 315 W PANEL: QTY 14, TOTAL: 441 KWp
 14 PANELS ON SOUTH EAST ROOF: AT 22° TILT, 120° AZIMUTH (TRU
 BRANCH CIRCUITS: 1 CIRCUITS OF 14 MODULES
 INVERTER USED : ENVIAMER 107 MICRO-INVERTER (14)
 BACKING: ECOFASTEN
 ROOFING: COMPOSITE SHINGLES

[illegible]

SIGN: Vincent Velucci
NAME: VINCENT VELLUCI
DATE: ELECTRIC #34EB0152Z800

Philip Fontanes
316 Lake Champlain Drive,
Little Egg Harbor
Township, NJ 08087, United States
(La/Long :39)573320,-74)375895)

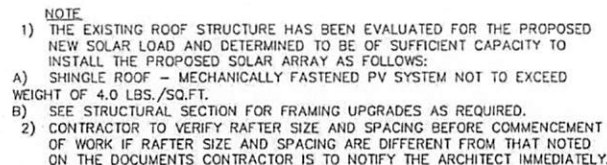
Suntivity
2137 Route 35
Holmdel, NJ 07733
Tel: (732) 979-2400
Fax: (732) 979-2401

WIND SPEED	125 MPH
SNOW LOAD	20 LB/SQ.FT.

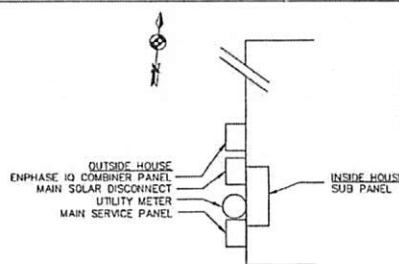
ROOF ARRAY

COMPONENT LOCATION

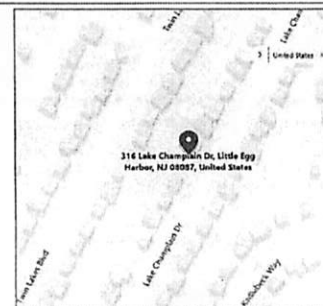
SITE MAP (N.T.S)



APPROVED
Enc 2/28/19
USE
L. Sope On



COMPONENT LOCATION



VICINITY MAP

ELECTRICAL SPECIFICATIONS:
SERVICE PANEL DETAILS: 100A MCB WITH 125A BUSBAR RATING
INTERCONNECTION METHOD: LINE-SIDE TAP
PV OCPD SIZE: 60A AC DISCONNECT WITH 20A FUSES

ROOF SPECIFICATIONS:
ROOF TYPE: COMPOSITE SHINGLE
ROOF CONDITION: POOR
RAFTERS: 2X4@24" O/C
SHEATHING: ASPHALT SHINGLES

NOTE: THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED IN THE DRAWING. KWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECTED TO CHANGE BASED ON SUNTUITY VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY ON THE DATE OF THE ORDER.

© Suntivity

2137 Route 35
Holmdel, NJ 07733
Tel: (732) 979-2400
Fax: (732) 979-2401

Phillip Fontanes
316 Lake Champlain Drive,
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Towship, NJ 08087, United States
(Lat/Long :39.573320, -74.373898)

THOMAS W. GILLIS, R.A.
N.J. LIC.No. 1B34700

SIGN: _____
NAME: _____
DATE: _____

[illegible]

DRAWING TITLE
ARRAY LAYOUT

DATE DRAWN	02/14/2019
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DRAWN BY	TD-002/TSCA
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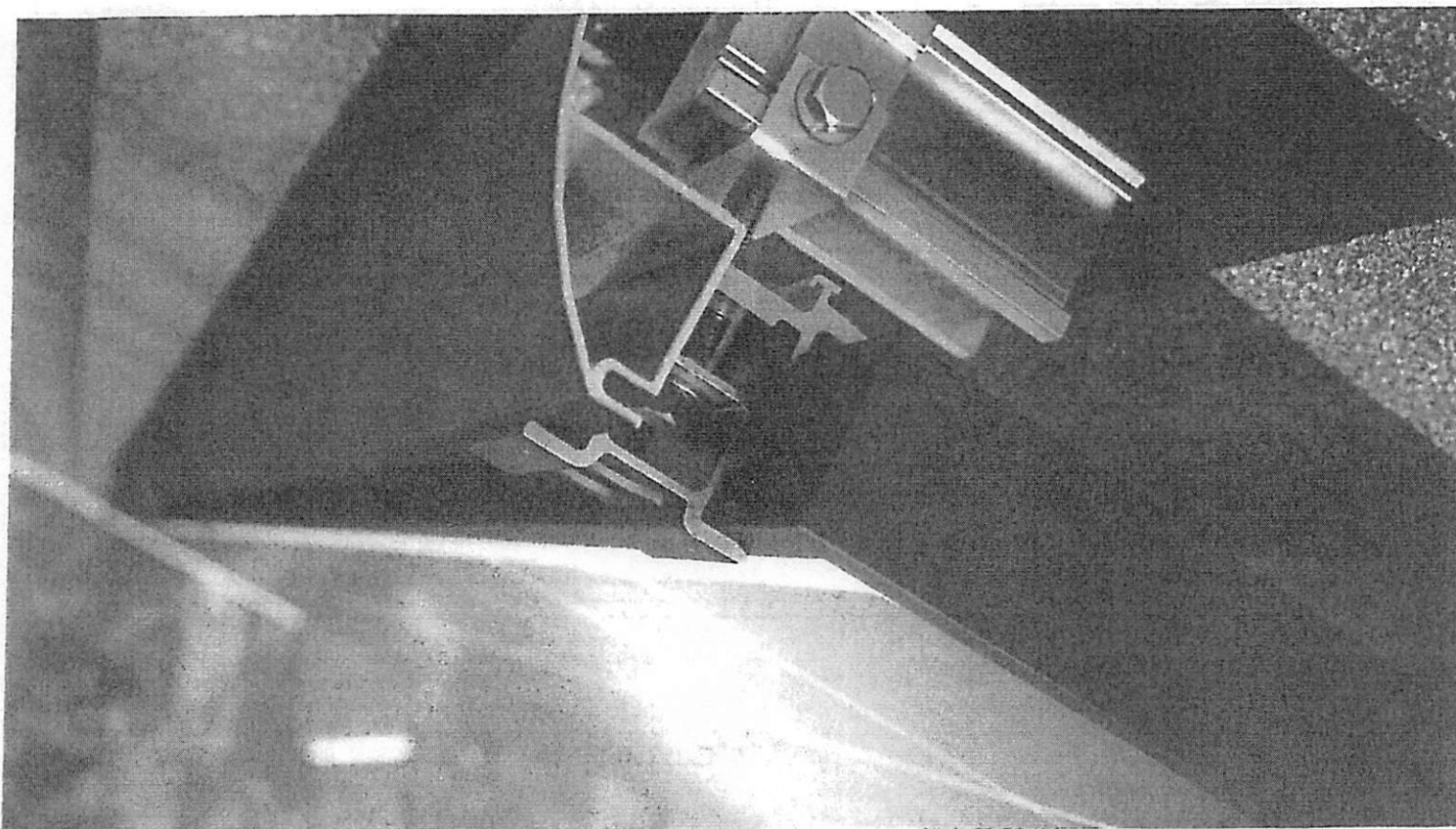
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DRAWING NO.

PV-1.0



RAIL-FREE RACKING
UTILIZES ECOFASTEN SOLARS PATENTED TECHNOLOGY



ROCK-IT SYSTEM 3.0

SYSTEM SPECIFICATIONS

Max No. of Panels	300 Modules per ground lug	Materials	300 Series Stainless, 6000 Series Aluminum
Max System Voltage	1000VDC	Coating	Black Anodization/Mill Finish
Class A Fire Rating	With UL1703 Type 1 Rated Modules	Lug Specifications	Burndy CL50-1TN Ground Lug (UL Listing #KDER E9999)
Leveling Range	3'-4"	Ground Wire Per above Lug spec.	14 AWG- 4 AWG Copper Ground Wire
Rock-It Slide Comp Range	3"	Max Module Size	64.96" (1650mm) x 39.05" (992mm) x 2" (50mm)
Rock-It Slide Tile	7"		
Min/Max Roof Slope	1/2:12/12:12	Max Downforce/Uplift Rating	45 PSF
Max Anchor Spacing (35mm/40mm)	72"	Rock-It Mount Load Rating	547lbs with Single 5/16" Lag 3.0 Safety Factor
Max Anchor Spacing (32mm)	48"		
Skirt Box QTY	6 units	Slide Fastening Hole	5/16" diameter
Mount Box QTY	12 units	Module Cantilever	Maximum cantilever is 1/3 bracket spacing
Rock-It Slide Box QTY	50 units		
Coupling Box QTY	12 units	Warranty	20 Year Material and Workman- ship

Codes: National Electric Code, ANSI/NFPA 70, NEC 250, NEC 690, IRC, IBC

Standards: UL 2703: First Edition, UL 1703

FEATURES

- New and improved design
- Fastest, easiest to level system on the market
- Integrated electrical bonding
- SIMPLE- only 4 components
- North-South adjustability
- Only one tool required (1/2" deep wellsocket)
- Vertical adjustment of 3"-4"

powered by
Q.ANTUM DUO

Q.PEAK DUO BLK-G5 300-320

Q.ANTUM SOLAR MODULE

The new Q.PEAK DUO BLK-G5 solar module from Q CELLS impresses with its outstanding visual appearance and particularly high performance on a small surface thanks to the innovative Q.ANTUM DUO technology. Q.ANTUM's world-record-holding cell concept has now been combined with state-of-the-art circuitry half cells and a six-busbar design, thus achieving outstanding performance under real conditions — both with low-intensity solar radiation as well as on hot, clear summer days.



Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY

Higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 19.3 %.



INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low-light and temperature behavior.



ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID technology, Anti PID Technology¹, Hot-Spot Protect and Traceable Quality Tra.Q™.



EXTREME WEATHER RATING

High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa) regarding IEC.



A RELIABLE INVESTMENT

Inclusive 12-year product warranty and 25-year linear performance guarantee².



STATE OF THE ART MODULE TECHNOLOGY

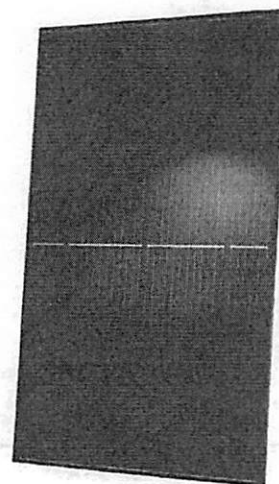
Q.ANTUM DUO combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology.

THE IDEAL SOLUTION FOR:



Rooftop arrays on
residential buildings

Engineered in Germany



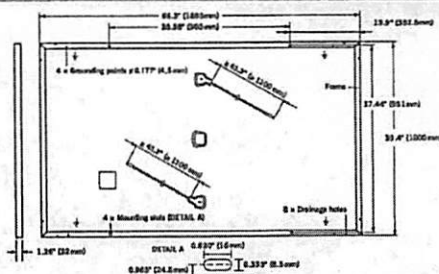
¹ APT test conditions according to IEC/TS 62804-1:2015, method B (-1500V, 168h)

² See data sheet on rear for further information.

Q CELLS

MECHANICAL SPECIFICATION

Format	66.3 in x 39.4 in x 1.26 in (including frame) (1685 mm x 1000 mm x 32 mm)
Weight	41.2 lbs (18.7 kg)
Front Cover	0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodized aluminum
Cell	6 x 20 monocrystalline Q-ANTUM solar half-cells
Junction box	2.76-3.35 in x 1.97-2.76 in x 0.51-0.83 in (70-85 mm x 50-70 mm x 13-21 mm), decentralized, IP67
Cable	4mm ² Solar cable; (+) ≥ 43.3 in (1100 mm), (-) ≥ 43.3 in (1100 mm)
Connector	Multi-Contact MC4, IP65 and IP68



ELECTRICAL CHARACTERISTICS

POWER CLASS			300	305	310	315	320
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC ¹ (POWER TOLERANCE +5W / -0W)							
Minimum	Power at MPP ²	P _{MPP} [W]	300	305	310	315	320
	Short Circuit Current*	I _{sc} [A]	9.72	9.78	9.83	9.89	9.94
	Open Circuit Voltage*	V _{oc} [V]	39.48	39.75	40.02	40.29	40.56
	Current at MPP*	I _{MPP} [A]	9.25	9.31	9.36	9.41	9.47
	Voltage at MPP*	V _{MPP} [V]	32.43	32.78	33.12	33.46	33.80
	Efficiency ³	η [%]	≥ 17.8	≥ 18.1	≥ 18.4	≥ 18.7	≥ 19.0
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NOC ³							
Minimum	Power at MPP ²	P _{MPP} [W]	222.3	226.0	229.7	233.5	237.2
	Short Circuit Current*	I _{sc} [A]	7.84	7.88	7.93	7.97	8.02
	Open Circuit Voltage*	V _{oc} [V]	36.93	37.18	37.43	37.69	37.94
	Current at MPP*	I _{MPP} [A]	7.28	7.32	7.36	7.41	7.45
	Voltage at MPP*	V _{MPP} [V]	30.55	30.88	31.20	31.52	31.84

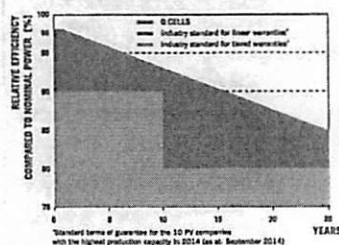
¹1000 W/m², 25°C, spectrum AM 1.5G

²Measurement tolerances STC ±3%; NOC ±5%

³800 W/m², NOCT, spectrum AM 1.5G

*typical values, actual values may differ

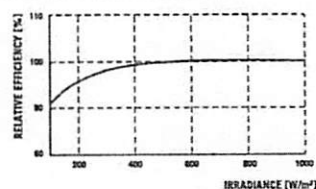
Q CELLS PERFORMANCE WARRANTY



At least 98% of nominal power during first year.
Thereafter max. 0.54% degradation per year.
At least 93.1% of nominal power up to 10 years.
At least 85% of nominal power up to 25 years.

All data within measurement tolerances.
Full warranties in accordance with the warranty
terms of the Q CELLS sales organization of your
respective country.

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in
comparison to STC conditions (25°C, 1000 W/m²).

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I _{sc}	α	[%/K]	+0.04	Temperature Coefficient of V _{oc}	β	[%/K]	-0.28
Temperature Coefficient of P _{MPP}	γ	[%/K]	-0.37	Normal Operating Cell Temperature	NOCT	[°F]	113 ± 5.4 (45 ± 3°C)

PROPERTIES FOR SYSTEM DESIGN

Maximum System Voltage V _{sys}	[V]	1000 (IEC) / 1000 (UL)	Safety Class	II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating	C (IEC) / TYPE 1 (UL)
Design load, push (UL) ²	[lbs/ft ²]	75 (3600 Pa)	Permitted module temperature on continuous duty	-40°F up to +185°F (-40°C up to +85°C)
Design load, pull (UL) ²	[lbs/ft ²]	55.6 (2666 Pa)	² see installation manual	

QUALIFICATIONS AND CERTIFICATES

UL 1703; VDE Quality Tested; CE-compliant;
IEC 61215 (Ed.2); IEC 61730 (Ed.1) application class A



PACKAGING INFORMATION

Number of Modules per Pallet	32
Number of Pallets per 53' Trailer	30
Number of Pallets per 40' High Cube Container	26
Pallet Dimensions (L x W x H)	69.3 in x 45.3 in x 46.9 in (1760 mm x 1150 mm x 1190 mm)
Pallet Weight	1415 lbs (642 kg)

NOTE: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

Hanwha Q CELLS America Inc.
300 Spectrum Center Drive, Suite 1250, Irvine, CA 92618, USA | TEL +1 949 748 59 96 | EMAIL inquiry@us.q-cells.com | WEB www.q-cells.us

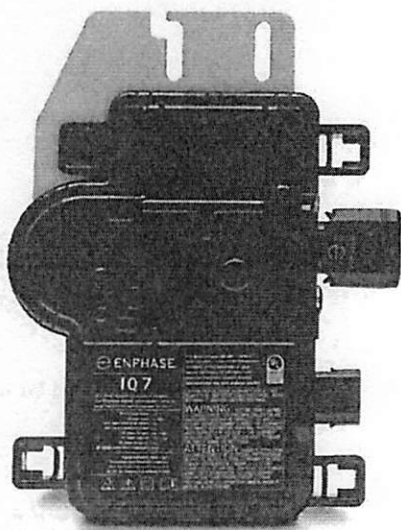
Specifications subject to technical changes © Hanwha Q CELLS Q-PEAK DUO BLK-65_300-320_2017-11_Rev01_NA

Enphase IQ 7 and IQ 7+ Microinverters

The high-powered smart grid-ready Enphase IQ 7 Micro™ and Enphase IQ 7+ Micro™ dramatically simplify the installation process while achieving the highest system efficiency.

Part of the Enphase IQ System, the IQ 7 and IQ 7+ Microinverters integrate with the Enphase IQ Envoy™, Enphase IQ Battery™, and the Enphase Enlighten™ monitoring and analysis software.

IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.



Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

Productive and Reliable

- Optimized for high powered 60-cell and 72-cell* modules
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

* The IQ 7+ Micro is required to support 72-cell modules.



To learn more about Enphase offerings, visit enphase.com

 ENPHASE.

Enphase IQ 7 and IQ 7+ Microinverters

INPUT DATA (DC)		IQ7-60-2-US / IQ7-60-B-US		IQ7PLUS-72-2-US / IQ7PLUS-72-B-US	
Commonly used module pairings ¹		235 W - 350 W +		235 W - 440 W +	
Module compatibility		60-cell PV modules only		60-cell and 72-cell PV modules	
Maximum input DC voltage		48 V		60 V	
Peak power tracking voltage		27 V - 37 V		27 V - 45 V	
Operating range		16 V - 48 V		16 V - 60 V	
Min/Max start voltage		22 V / 48 V		22 V / 60 V	
Max DC short circuit current (module Isc)		15 A		15 A	
Overvoltage class DC port		II		II	
DC port backfeed current		0 A		0 A	
PV array configuration		1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit			
OUTPUT DATA (AC)		IQ 7 Microinverter		IQ 7+ Microinverter	
Peak output power		250 VA		295 VA	
Maximum continuous output power		240 VA		290 VA	
Nominal (L-L) voltage/range ²		240 V / 211-264 V	208 V / 183-229 V	240 V / 211-264 V	208 V / 183-229 V
Maximum continuous output current		1.0 A (240 V)	1.15 A (208 V)	1.21 A (240 V)	1.39 A (208 V)
Nominal frequency		60 Hz		60 Hz	
Extended frequency range		47 - 68 Hz		47 - 68 Hz	
AC short circuit fault current over 3 cycles		5.8 Arms		5.8 Arms	
Maximum units per 20 A (L-L) branch circuit ³		16 (240 VAC)	13 (208 VAC)	13 (240 VAC)	11 (208 VAC)
Overvoltage class AC port		III		III	
AC port backfeed current		0 A		0 A	
Power factor setting		1.0		1.0	
Power factor (adjustable)		0.7 leading ... 0.7 lagging		0.7 leading ... 0.7 lagging	
EFFICIENCY		@240 V	@208 V	@240 V	@208 V
Peak CEC efficiency		97.6 %	97.6 %	97.5 %	97.3 %
CEC weighted efficiency		97.0 %	97.0 %	97.0 %	97.0 %
MECHANICAL DATA					
Ambient temperature range		-40°C to +65°C			
Relative humidity range		4% to 100% (condensing)			
Connector type (IQ7-60-2-US & IQ7PLUS-72-2-US)		MC4 (or Amphenol J4 UTX with additional Q-DCC-5 adapter)			
Connector type (IQ7-60-B-US & IQ7PLUS-72-B-US)		Friends PV2 (MC4 interchangeable). Adaptors for modules with MC4 or UTX connectors: - PV2 to MC4: order ECA-S20-S22 - PV2 to UTX: order ECA-S20-S25			
Dimensions (WxHxD)		212 mm x 175 mm x 30.2 mm (without bracket)			
Weight		1.08 kg (2.38 lbs)			
Cooling		Natural convection - No fans			
Approved for wet locations		Yes			
Pollution degree		PD3			
Enclosure		Class II double-insulated, corrosion resistant polymeric enclosure			
Environmental category / UV exposure rating		NEMA Type 6 / outdoor			
FEATURES					
Communication		Power Line Communication (PLC)			
Monitoring		Enlighten Manager and MyEnlighten monitoring options. Both options require installation of an Enphase IQ Envoy.			
Disconnecting means		The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.			
Compliance		CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.			

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>.

2. Nominal voltage range can be extended beyond nominal if required by the utility.

3. Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

To learn more about Enphase offerings, visit enphase.com





**Township of Little Egg Harbor
Zoning Department
665 Radio Road
Little Egg Harbor, NJ 08087**

**Regarding: Zoning Application
Philip Fontanes
316 Lake Champlain Drive
Little Egg Harbor NJ, 08087**

To Whom It May Concern,

Please find enclosed a zoning application for a residential roof-mounted Solar PV system at the above referenced address.

Should you require any additional information or have any questions, please do not hesitate to contact me directly. I appreciate your assistance in this matter.

Best Regards,

A handwritten signature in black ink, appearing to read "Melissa Harris", written over a horizontal line.

**Melissa Harris
Program Coordinator
Office: 732-979-2400 x7145
melissa.harris@suntuity.com**

NOT AN
ELECTRICIAN'S
OR PLUMBER'S
LICENSE

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Division of Consumer Affairs

HAS REGISTERED

SUNTUITY SOLAR LLC
Shadean Javan
2137 Rt 35 N
Holmdel NJ 07733

FOR PRACTICE IN NEW JERSEY AS A(N): Home Improvement Contractor

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Division of Consumer Affairs
HAS REGISTERED
SUNTUITY SOLAR LLC
Home Improvement Contractor

NOT AN ELECTRICIAN'S OR PLUMBER'S LICENSE
02/05/2018 TO 03/31/2019
VALID
SIGNATURE
13VH09300100
License/Registration/Certificate #

02/05/2018 TO 03/31/2019
VALID

13VH09300100
LICENSE/REGISTRATION/CERTIFICATION #

Shadean Javan
Signature of Licensee/Registrant/Certificate Holder

Sharon M. Jovan
ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Division of Consumer Affairs
P.O. Box 46016
Newark, NJ 07101

PLEASE DETACH HERE

SUNTUITY SOLAR LLC

EXPIRATION DATE 2019

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 13VH 09300100 . PLEASE USE IT IN ALL
CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS
CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW.

Division of Consumer Affairs
P.O. Box 46016
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW.
YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC.

HOME ☐
BUSINESS ☐

PRINT YOUR NEW MAILING ADDRESS BELOW.
YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors

HAS LICENSED

SUNTUITY ELECTRIC LLC
VINCENT VELLUCCI
2137 Route 35 N.
Holmdel NJ 07733

FOR PRACTICE IN NEW JERSEY AS A(N): Electrical Business Permit

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Examiners of Electrical Contractors
HAS LICENSED
SUNTUITY ELECTRIC LLC
Electrical Business Permit

03/09/2018 TO 03/31/2021
VALID

SIGNATURE

34EB01572800
License/Registration/Certificate #

ACTING DIRECTOR

03/09/2018 TO 03/31/2021
VALID

34EB01572800
LICENSE/REGISTRATION/CERTIFICATION #

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Examiners of Electrical Contractors
P.O. Box 45006
Newark, NJ 07101

Vincent Vellucci
Signature of Licensee/Registrant/Certificate Holder

Sharon M. Joyce
ACTING DIRECTOR

PLEASE DETACH HERE

SUNTUITY ELECTRIC LLC

EXPIRATION DATE 2021

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 34EB 01572800 . PLEASE USE IT IN ALL
CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS
CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW.

Board of Examiners of Electrical Contractors
P.O. Box 45006
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW.

YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC.

HOME ☐

BUSINESS ☐

PRINT YOUR NEW MAILING ADDRESS BELOW.

YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE.

HOME ☐

BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.



**BUILDING
SUBCODE
TECHNICAL SECTION**



Date Received 5-10-99
Date Issued _____
Control # _____
Permit # 99-482

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 325.60 Lot 36
Work Site Location 316 Lake Champlain Dr.
LSH, N.J. 08087
Owner in Fee Fontanes
Address 316 Lake Champlain Dr.
LSH, N.J. 08087
Tele. (609) 296-1847
Contractor Quality Roofing + Siding
Address 45 Oak Lane
Tuckerton, N.J. 08087
Tele. (609) 294-1846
Lic. No. or Bldrs. Reg. No. 237
Federal Emp. No. 223383077 or Social Security No. _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature _____

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

Re-roof

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)			
[] No Plans Req.	<u>11-18-98</u>	<u>DLH</u>	Type:	Failure	Failure	Approval	Initial
[] All	_____	_____	Footing	_____	_____	_____	_____
[] Footing	_____	_____	Foundation	_____	_____	_____	_____
[] Foundation	_____	_____	Slab	_____	_____	_____	_____
[] Frame	_____	_____	Frame	_____	_____	_____	_____
[] Other	_____	_____	Insulation	_____	_____	_____	_____
Joint Plan Review Required:	Finishes:			_____	_____	_____	_____
[] Elec. [] Plumb. [] Fire	Energy			_____	_____	_____	_____
SUBCODE APPROVAL	Mechanical			_____	_____	_____	_____
[] CO [] CCO [] CA	TCO			_____	_____	_____	_____
Date: <u>2/11/99</u>	Other			_____	_____	_____	_____
Approved By: <u>GIBBI</u>	Final			_____	_____	_____	_____

TYPE OF WORK:

- [] New Building
[] Addition
☒ Alteration
☒ Roofing
[] Siding
[] Fence _____ Height (6' or over)
[] Sign _____ Sq. Ft.
[] Pool
[] Asbestos Abatement
[] Other _____
[] Other _____
[] Demolition

(Office Use Only)
FEE

\$ _____
_____ 35- _____

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed RC
Constr. Class Present _____ Proposed SB
No. of Stories _____
Height of Structure _____ Ft.
Area—Largest Floor _____ Sq. Ft.
New Bldg. Area/All Floors _____ Sq. Ft.
Volume of New Structure _____ Cu. Ft.
Total Land Area Disturbed _____ Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____
2. Alteration \$ 1,200.00
3. Total (1+2) \$ _____

Administrative Surcharge \$ _____
Paid [] Check # _____ Minimum Fee \$ _____
Collected by: _____ DCA TRAINING FEE \$ 1-
TOTAL FEE \$ _____



**BUILDING
SUBCODE
TECHNICAL SECTION**



Date Received 5-10-99
Date Issued _____
Control # _____
Permit # 99-482 35

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 325.60 Lot 36
Work Site Location 316 Lake Champlain Dr.
LSH, N.J. 08087
Owner in Fee Fontanes
Address 316 Lake Champlain Dr.
LSH, N.J. 08087
Tele. (609) 296-1847
Contractor Quality Roofing & Siding
Address 45 Oak Lane
Luckerton N.J. 08087
Tele. (609) 294-1846
Lic. No. or Bldrs. Reg. No. 237
Federal Emp. No. 223383077 or Social Security No. _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature [Signature]

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

re-roof

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)			
				Failure	Failure	Approval	Initial
☒ No Plans Req.	<u>11-18-98</u>	<u>[Initials]</u>	Type:				
☐ All			Footing				
☐ Footing			Foundation				
☐ Foundation			Slab				
☐ Frame			Frame				
☐ Other			Insulation				
Joint Plan Review Required:			Finishes:				
☐ Elec. ☐ Plumb. ☐ Fire			Energy				
SUBCODE APPROVAL			Mechanical				
☐ CO ☐ CCO ☐ CA			TCO				
Date: _____			Other				
Approved By: _____			Final				

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed Res
Constr. Class Present _____ Proposed 3B
No. of Stories _____
Height of Structure _____ Ft.
Area—Largest Floor _____ Sq. Ft.
New Bldg. Area/All Floors _____ Sq. Ft.
Volume of New Structure _____ Cu. Ft.
Total Land Area Disturbed _____ Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. \$ _____
2. Alteration \$ 1,200.00
3. Total (1+2) \$ _____

TYPE OF WORK:

- ☐ New Building
☐ Addition
☒ Alteration
☒ Roofing
☐ Siding
☐ Fence _____ Height (6' or over)
☐ Sign _____ Sq. Ft.
☐ Pool
☐ Asbestos Abatement
☐ Other _____
☐ Other _____
☐ Demolition

(Office Use Only)
FEE

\$ _____
_____ 35 _____

Administrative Surcharge \$ _____
Paid ☐ Check # _____ Minimum Fee \$ _____
Collected by: _____ DCA TRAINING FEE \$ 1 _____
TOTAL FEE \$ _____



CERTIFICATE

Date
Conti
Perr

IDENTIFICATION

Block 325.60 Lot 36
Work Site Location 316 Lake Champlain Dr.
LEH. NJ 08087
Owner in Fee/Occupant Fontanes
Address 316 Lake Champlain Dr.
LEH. N.J. 08087
Tele. (609) 296-1847
Contractor Quality Roofing & Siding
Address 45 Oak Lane
Tuckerton, N.J. 08087
Tele. (609) 294-1846 Fax (609) 294-1846
Lic. No. or Bldrs. Reg. No. 237
Federal Emp. No. 223323077

Home Warranty No. _____
Type of Warranty Plan: [] State [] Private
Use Group _____
Maximum Live Load _____
Construction Classification _____
Maximum Occupancy Load _____
Description of Work/Use: _____

Re roof

☐ CERTIFICATE OF OCCUPANCY

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☐ CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than _____, 19____ or the owner will be subject to fine or order to vacate:

☐ CERTIFICATE OF CLEARANCE — LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:

- [] Total removal of lead-based paint hazards in scope of work
[] Partial or limited time period (_____ years); see file

☐ CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____

CONSTRUCTION OFFICIAL _____

Fee \$ _____
Paid [] Check No. _____
Collected by: _____



CONSTRUCTION PERMIT

Date Issued 5-10-99
Control #
Permit # 99-482

IDENTIFICATION Block 325.60 Lot 36
Work Site Location 316 Lake Champlain Dr.
LEN N.J. 08087
Owner in Fee Fontanes
Address 316 Lake Champlain Dr.
LEN N.J. 08087
Tel. (609) 296-1847

Contractor Quality Roofing + Siding
Address 45 Oak Lane
Tuckerton, N.J. 08087
Tel. (609) 294-1846
Lic. No. or Bldrs. Reg. No. 237
Fed. Emp. No. 223383077

Is hereby granted permission to perform the following work:

☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☒ OTHER Roof

DESCRIPTION OF WORK:

Re Roof

NOTE: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 1,200.00

[Signature]
Construction Official

11-18-98
Date

PAYMENTS (Office Use Only)

Building 3%
Electrical _____
Plumbing _____
Fire Protection _____
Elevator Devices _____
Other _____
DCA Training Fee 1
Cert. of Occupancy _____
Other _____
Total _____
Check No. 3942
Cash _____
Collected by [Signature]

U.C.C. F170
(rev. 3/98)

1 WHITE—INSPECTOR COPY 2 CANARY—OFFICE COPY 3 PINK—OFFICE COPY 4 GOLD—APPLICANT COPY

(see reverse side)

Application Completes: Sections I, II, III (optional), IV, VI, and VII

U.C.C. F100-1 (rev. 3/96)

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____

Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☐ Check if contractor.

Agent Name _____

Address _____

Telephone (_____) _____

Signature _____

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



CERTIFICATE

IDENTIFICATION

Block 325.60 Lot 36
Work Site Location 316 LAKE CHAMPLAIN
Owner in Fee LEA DJ 08087
Address FONTAINE
Tele. () F. PORCELLI HOME IMP
Contractor PO BOX 1088
Address DOVER TOW NJ 08087
Tele. 609 296-6150
Lic. No. or Bids. Reg. No. 400
Federal Emp. No. _____
or Social Security No. _____

☐ CERTIFICATE OF OCCUPANCY

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a temporary Certificate of Occupancy or Compliance the following conditions must be met no later than _____, 19____ or the owner will be subject to fine or order to vacate:

CONSTRUCTION OFFICIAL

☐ CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____.

Home Warranty No. _____
Type of Warranty Plan: () State () Private
Use Group _____
Maximum Live Load _____
Construction Classification _____
Maximum Occupancy Load _____
Description of Work/Use: _____

VINYL SIDING

Fee \$ _____
Paid () Check No. _____
Collected by: _____

Date Issued 3/12/02
Control # 99-752
Permit # _____



**BUILDING
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

0086
99-752

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 328.60 Lot 36
Work Site Location 316 LK. CHAMPLAIN
L.E.H.I.
Owner in Fee FONTANES
Address 316 LK. CHAMPLAIN
L.E.H.I.
Tele. () _____
Contractor F. PORCELLI HOME IMP.S.
Address P.O. BOX 1088
TUCKERTON
Tele. () 296-6750 Fax () _____
Lic. No. or Bldrs. Reg. No. 400
Federal Emp. No. _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent or) owner of record and am authorized to make this application.

Thomas Porcelli
Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

VINYL SIDING

VISUALLY APPEARS COMPLETE TAN VINYL,
WHITE SOFFIT & FACIA 3/11/2002

OK FOR ROOF PERMIT

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)			
[] No Plans Required	___	___	Type:	Failure	Failure	Approval	Initial
[] All	___	___	Footing	___	___	___	___
[] Footing	___	___	Foundation	___	___	___	___
[] Foundation	___	___	Slab	___	___	___	___
[] Frame	___	___	Frame	___	___	___	___
[] Other	___	___	Barrier-Free	___	___	___	___
Joint Plan Review Required:			Insulation	___	___	___	___
[] Elec.	[] Plumb.	[] Fire	Finishes	___	___	___	___
SUBCODE APPROVAL			Energy	___	___	___	___
[] CO	[] CCO	[] CA	Mechanical	___	___	___	___
Date:	<u>3/11/2</u>		TCO	___	___	___	___
Approved by:	<u>9089C</u>		Other	___	___	___	___
			Final	___	___	___	___
			Barrier-Free	___	___	___	___

TYPE OF WORK:

[] New Building
[] Addition
[] Alteration
[] Roofing
[] Siding
[] Fence _____ Height (exceeds 6')
[] Sign _____ Sq. Ft.
[] Pool
[] Asbestos Abatement Subchapter 8
[] Lead Haz. Abatement NJAC 5:17
[] Other _____
[] Demolition

FEE (Office Use Only)

\$ _____

35

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____
Constr. Class Present _____ Proposed _____
No. of Stories _____
Height of Structure _____ Ft.
Area — Largest Floor _____ Sq. Ft.
New Bldg. Area/All Floors _____ Sq. Ft.
Volume of New Structure _____ Cu. Ft.
Total Land Area Disturbed _____ Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____
2. Alteration \$ _____
3. Total (1+ 2) \$ _____

APPROVED

CK # 1540

U.C.C. F110
(rev. 3/96)

Administrative Surcharge \$ _____
Minimum Fee \$ _____
DCA Training Fee \$ 2
TOTAL FEE \$ _____

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy



BUILDING SUBCODE TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

110011
0086
99-752

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 32560 Lot 36
Work Site Location 316 LK CHAMPLAIN
L.E.H.T.
Owner in Fee FONTANES
Address 316 LK. CHAMPLAIN
L.E.H.T.
Tele. () _____
Contractor F. PORCELLI HOME IMPRS.
Address P.O. BOX 1088
TUCKERTON
Tele. () 296-6750 Fax () _____
Lic. No. or Bldrs. Reg. No. 400
Federal Emp. No. _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature Frank Porcelli

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

VINYL SIDING

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)			
[] No Plans Required	_____	_____	Type:	Failure	Failure	Approval	Initial
[] All	_____	_____	Footing	_____	_____	_____	_____
[] Footing	_____	_____	Foundation	_____	_____	_____	_____
[] Foundation	_____	_____	Slab	_____	_____	_____	_____
[] Frame	_____	_____	Frame	_____	_____	_____	_____
[] Other	7/14/99	FFH	Barrier-Free	_____	_____	_____	_____
Joint Plan Review Required:			Insulation	_____	_____	_____	_____
[] Elec.	[] Plumb.	[] Fire	[] Elevator	Finishes	_____	_____	_____
SUBCODE APPROVAL			Energy	_____	_____	_____	_____
[] CO	[] CCO	[] CA	Mechanical	_____	_____	_____	_____
Date: _____			TCO	_____	_____	_____	_____
Approved by: _____			Other	_____	_____	_____	_____
			Final	_____	_____	_____	_____
			Barrier-Free	_____	_____	_____	_____

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____ Est. Cost of Bldg. Work:
Constr. Class Present _____ Proposed _____ 1. New Bldg. \$ _____
No. of Stories _____ 2. Alteration \$ _____
Height of Structure _____ Ft. 3. Total (1+ 2) \$ _____
Area — Largest Floor _____ Sq. Ft.
New Bldg. Area/All Floors _____ Sq. Ft.
Volume of New Structure _____ Cu. Ft.
Total Land Area Disturbed _____ Sq. Ft.

TYPE OF WORK:

- [] New Building
[] Addition
[] Alteration
[] Roofing
[] Siding
[] Fence _____ Height (exceeds 6')
[] Sign _____ Sq. Ft.
[] Pool
[] Asbestos Abatement Subchapter 8
[] Lead Haz. Abatement NJAC 5:17
[] Other _____
[] Demolition

FEE (Office Use Only)

\$ _____
_____ 35 _____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
DCA Training Fee \$ 2 _____
TOTAL FEE \$ _____

ck # 1540

U.C.C. F110
(rev. 3/88)

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy



CONSTRUCTION PERMIT

Date Issued 7/20/99
Control # 0086
Permit # 99-752

IDENTIFICATION Block 325.60 Lot 36

Work Site Location 316 LK. CHAMPLAIN

Contractor F. PORCELLI HOME IMP.

L.E.H.T.

Address P.O. BOX 1088

Owner in Fee FONTANES

TUCKERTON

Address 316 LK. CHAMPLAIN

Tele. () 296-6750

L.E.H.T.

Lic. No. or Bldrs. Reg. No. 400 Exp. Date

Tele. ()

Federal Emp. No.

or Social Security No.

is hereby granted permission to perform the following work:

- ☐ BUILDING ☐ PLUMBING ☒ OTHER SIDING
☐ ELECTRICAL ☐ FIRE PROTECTION
☐ ELEVATOR DEVICES

DESCRIPTION OF WORK:

VINYL SIDING

NOTE: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 2,000-

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)

Building 35
Electrical
Plumbing
Fire Protection
Elevator Devices
Other
DCA Training Fee 2
Cert. of Occ.
Other
Total 37
Check No. 1540
Cash
Collected By: TJ

(see reverse side)

U.C.C. F100-1 (rev. 3/98)

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name F. PORCELLI HOME IMPRS.

Address P.O. BOX 1088

TUCKERTON

Telephone () 296-6750

Signature F. Porcelli

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.