

Please fax or e-mail C/A to Trinity Solar

BLOCK 557 LOT 36 QUALIFICATION CODE _____ ADDRESS (SITE) 420 Laurel Avenue PERMIT NO. 17-1452



CONSTRUCTION PERMIT APPLICATION

C-17-001591

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

I. IDENTIFICATION

1. Proposed Work Site at: 420 Laurel Avenue, Brick, NJ

2. Name of Owner in Fee: Bachman, Shannon

Tel. _____ e-mail _____

Address 420 Laurel Avenue Brick 08723

3. Ownership in Fee: Public _____ Private ☒ _____

4. Principal Contractor: Trinity Solar Tel. (848) 220-9040

Address 2211 Allenwood Rd. e-mail _____

Wall, NJ 07719 email: trinity.permitting@trinitysolarsystems.com

License No. OR, if new home, Builder Reg. No. 13VH01244300 Exp. Date 3-31-17

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 223292324 FAX: (848) 220-9139

5. Architect or Engineer _____ Contact _____

Address _____ e-mail _____

Tel. _____ FAX: _____

6. Responsible Person in Charge once Work has Begun Charles Bonicker/Danielle DeVito

Tel. (732) 780-3779 ext. 9040 FAX: (848) 220-9139

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>150</u>	☒	
2. Electrical	\$ <u>150</u>	☒	
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	\$ _____		
8. Subtotal	\$ _____		
9. State Permit Surcharge Fee	\$ <u>43</u>		
10. Subtotal	\$ <u>75</u>		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>418</u>		

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories	_____
2. Height of Structure	_____ ft.
3. Area — Largest Floor	_____ sq. ft.
4. New Building Area	_____ sq. ft.
5. Volume of New Structure	_____ cu. ft.
6. Max. Live Load	_____
7. Max. Occupancy Load	_____
8. If Industrialized Building: State Approved	_____ HUD
9. Total Land Area Disturbed	_____ sq. ft.
10. Flood Hazard Zone	_____
11. Base Flood Elevation	_____ ft.
12. Wetlands	yes ☐ no ☒

IIa. PROPOSED WORK

- ☐ Minor Work ☒ New Building ☐ Addition ☐ Demolition
- ☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☒ Building
- ☒ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
<u>1,581</u>	<u>AP</u>	<u>4/17/17</u>		<u>5/1/17</u>	<u>AP</u>		
<u>21,012</u>	<u>AP</u>	<u>4/17/17</u>		<u>4-28-17</u>	<u>AP</u>		
<u>0</u>							

TOTAL COST 22593

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____
4. No. of dwelling units: Total Units Income-restricted
- Gained, Sale _____
- Gained, Rental _____
- Lost, Sale _____
- Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s): _____

- D. Construct. Classification: Present _____ Proposed _____

III. PLAN REVIEW (optional)

DO YOU WANT:

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/ Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 5/25/2017
Control Number C-17-001591
Permit Number 17-1452
Permit Issue Date 5/4/2017
Certificate Number 17-1452

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 420 LAUREL AVE. Brick Township, NJ Block: 557 Lot: 36 Qual: _____
Owner in Fee: BACHMAN, SHANNON & FRANK
Owner Address: 420 LAUREL AVE BRICK NJ 08723
Telephone: [REDACTED]
Contractor Trinity Solar
Address 2211 Allenwood Rd. Wall NJ 07719
Telephone: (732) 780-3779 Fax: (732) 780-6671
License Number or Builders Registration Number: 15474A 13VH01244300 Federal Emp. Number: 22-3292324
15821C
Home Warranty Number: _____
Type of Warranty Plan: ☐ State ☐ Private
Use Group: R-5 Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work/Use: SOLAR PANELS ...INSTALL 7.695 kw ROOF MOUNT PHOTOVOLTAIC SOLAR SYSTEM

Certificate Comments:

☐ 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:

☐ Certificate of Clearance - Lead Abatement 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 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:

Daniel Newman Jr.

Construction Official

Date Printed: 5/25/2017

U.C.C. F260 (rev. 08/05)

Fee: \$0.00

Check Number: _____

Collected By: _____

Page 1

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(f)1.ix:

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. 5:23-2.15(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 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 **Trinity Solar**

Address **2211 Allenwood Rd.**

Wall, NJ 07719

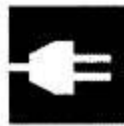
Telephone **848-220,9040**

Signature 

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



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 557 Lot 36 Qualification Code _____

Work Site Location 420 Laurel Avenue, Brick, NJ

Owner in Fee: Bachman, Shannon

Tel. _____ -mail _____

Address 420 Laurel Avenue

Contractor: Trinity Solar

Tel. (848) 220-9040

Address 2211 Allenwood Rd.

e-mail _____

Wall, NJ 07719

e-mail: trinity.permitting@trinitysolarsystems.com

Contractor License No. 15474A

Exp. Date 3-31-18

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 223292324

FAX: (848) 220-9139

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

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

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 21,012

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)			
[] No Plans Required	Type:	Failure	Failure	Approval	Initial
[] Partial - Underslab Utilities Approved	Rough				
Date: _____ Approved by: _____	Barrier-Free				
[X] Electric Plans Approved	Trench				
Date: <u>4-28-17</u> Approved by: <u>Wm</u>	Temp. Serv.				
Joint Plan Review Required:	Constr. Serv.				
[] Bldg. [] Plumb. [] Fire. [] Elev.	TCO				
SUBCODE APPROVAL for PERMIT	Other				
Date: <u>4/28/17</u>	Service				
Approved by: <u>Wm</u>	Final				
SUBCODE APPROVAL for CERTIFICATE	Barrier-Free				
[] CO [] CCO [] CA	Temp. Cut-in-Card Date Issued				
Date: <u>5-24-17</u>	Final Cut-in-Card Date Issued				
Approved by: <u>Wm</u>	Annual Pool Inspection				
	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:

Charles P Bonicker

Print name here: Charles Bonicker

[X] Licensed Elec. Contractor [] Certif'd Landscape/Irrigation Contr [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

INSTALLATION OF INVERTERS AND PV SOLAR PANELS

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	_____
_____	_____	PRODUCTION METER	_____
_____	_____	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	_____
1	60	KW Transformer/Generator AMP	_____
_____	_____	AMP Service Disconnect	_____
_____	_____	AMP Subpanels	_____
1	7.6	AMP Motor Control Center KW Inverter	_____
_____	_____	KW Elec. Sign/Outline Light Inverter	_____
1	7.695	KW PV Solar System	_____

27 modules

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



BUILDING 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 557 Lot 36 Qualification Code _____

Work Site Location _____

420 Laurel Avenue, Brick, NJ

Owner in Fee: Bachman, Shannon

Tel. _____

Address 420 LAUREL AVENUE

Contractor: **Trinity Solar** Tel. **(848) 220-9040**

Address **2211 Allenwood Rd.** e-mail _____

Wall, NJ 07719 email: **Trinity.permitting@trinitysolarsystems.com**

Contractor License No. or Builder Registration No. **13VH01244300** Exp. Date **3-31-17**

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. **223292324** FAX: **(848) 220-9139**

JOB SUMMARY (Office Use Only)		PLAN REVIEW		INSPECTIONS		Dates (Month/Day)	
	Date	Initial		Type:	Failure	Approval	Initial
☐ No Plans Required				Footings			
☐ All <u>5/1/17</u>				Footings Bonding			
☐ Footings/Foundations				Foundation			
☐ Structural/Framework				Slab			
☐ Exterior				Frame			
☐ Interior				Truss Sys./Bracing			
Joint Plan Review Required:				Barrier-Free			
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator				Insulation			
SUBCODE APPROVAL for PERMIT				Finishes -Base Layer			
Date: <u>05/01/17</u>				Finishes -Final			
Approved by: <u>KEK</u>				Energy			
SUBCODE APPROVAL for CERTIFICATE				Mechanical			
☐ CO ☐ CCO ☒ CA				TCO			
Date: <u>05/24/17</u>				Other			
Approved by: <u>KEK</u>				Final			<u>05/24/17</u> <u>KEK</u>
				Barrier-Free			

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.

Max. Live Load _____

Max. Occupancy Load _____

If Industrialized Building:

State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____

2. Rehabilitation \$ _____

3. Total (1+ 2) \$ **1,581**

U.C.C. F110 (rev. 11/09)
Internet version

Date Received **5/4/17**
Control # _____

Date Issued _____
Permit # **17-1452**

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.

Sign here: Tom Pollock

Print name here: **Tom Pollock**

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

INSTALLATION OF MOUNTING AND PV SOLAR SYSTEM ON ROOF.

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6')
- ☐ Sign _____ Sq. Ft.
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft.
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☒ Other **Racking**
- ☐ Demolition

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

Richard B. Gordon, P.E.

P.O. Box 264•Farmville•VA 23901
Ph: 434.394.2326•E-mail: grichardpe@aol.com

May 11, 2017

Brick Building Department
Brick NJ

Re: Solar Electric Panels Installation

To Whom It May Concern:

I hereby certify that I am a Licensed Professional Engineer in the State of New Jersey. The Solar Photovoltaic System installed at the residence of Bachman, Shannon-420 Laurel Ave., Brick, NJ 08723 is installed as per manufacturer's requirements-specifications, N.J.A.C. 5:23-6 (Rehabilitation Subcode), International Residential Code/ IRC 2015 NJ Edition, N.J.A.C. 5:23-3.21, 2014 NEC, and NJ 2015 ICC Energy Code, and will perform as designed.

Very truly yours,


Richard B. Gordon, P.E.
New Jersey P.E. License No. 29483

Trinity-Solar

2211 Allenwood Road, Wall, NJ 07719

Date:

5/11/17

To: Electric Inspector

Attached is the revised electric diagram for the following customer:

Customer Name: Shannon Bachman

Address: 420 Laurel Ave, Brick, NJ 08723

MAY 12 2017

Block: 557 **Lot:** 36 **Permit #:** 17-1452

The 60AMP unfused disconnect was changed to a 40AMP fused disconnect.

The interconnection method changed from a back feed break to line taps.

Please review these changes, and let us know if you have any questions or require any additional information. We will be scheduling final inspections in the near future.

Our office # is 732-780-3779 Ext. 9045

Thank You,



Danielle DeVito



CONSTRUCTION PERMIT

Date Issued 5/4/17
Control # C-17-001591
Permit # 171452

IDENTIFICATION Block: 557 Lot: 36 Qualifier Trinity Solar
Work Site Location: 420 LAUREL AVE Brick Township, NJ Contractor Address 2211 Allenwood Rd. Wall NJ 07719
Owner in Fee BACHMAN, SHANNON & FRANK Telephone: (732) 780-3779
420 LAUREL AVE BRICK NJ 08723 Lic. No. or Bldrs. Reg. No. 15821C 13VH01244300 15474A 15821C
Telephone: [REDACTED] Federal Employee No. 2219292324

I am 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 PANELS...INSTALL 7.695 KW ROOF MOUNT PHOTOVOLTAIC SOLAR SYSTEM

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 \$22,593

D. Williams Date 5/1/2017
Construction Official

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

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

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 approved 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.

PAYMENTS (Office Use Only)

Building	\$150
Electrical	\$150
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$43
CO Fee	\$0
Other	\$0
Total	\$343
Check No.	<u>50913</u>
Cash	\$0
Credit	\$0
Collected By	<u>A. Fugen</u>

NOB SERV. FEE
\$150.00
ELECTR. FEE
\$150.00
DCA
\$43.00
CHECK
\$413.00

ALICIA BARKER: THE REVEREND MOTHER OF THE FUTURE

THIS IS TO CERTIFY THAT THE

THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS TO BE DESTROYED WHEN NO LONGER NEEDED.

44-38861-1000
TRINITY HEATING & AIR, INC.
10101 W. 10TH AVE., SUITE 100
DENVER, CO 80231

THESE ARE THE
SOME OF THE
THESE ARE THE
SOME OF THE
THESE ARE THE
SOME OF THE

	VALUE
1. $\frac{1}{2}$	0.5
2. $\frac{1}{3}$	0.3333
3. $\frac{1}{4}$	0.25
4. $\frac{1}{5}$	0.2
5. $\frac{1}{6}$	0.1667
6. $\frac{1}{7}$	0.1429
7. $\frac{1}{8}$	0.125
8. $\frac{1}{9}$	0.1111
9. $\frac{1}{10}$	0.1
10. $\frac{1}{11}$	0.0909
11. $\frac{1}{12}$	0.0833
12. $\frac{1}{13}$	0.0769
13. $\frac{1}{14}$	0.0714
14. $\frac{1}{15}$	0.0667
15. $\frac{1}{16}$	0.0625
16. $\frac{1}{17}$	0.0588
17. $\frac{1}{18}$	0.0556
18. $\frac{1}{19}$	0.0526
19. $\frac{1}{20}$	0.05
20. $\frac{1}{21}$	0.0476
21. $\frac{1}{22}$	0.0455
22. $\frac{1}{23}$	0.0435
23. $\frac{1}{24}$	0.0417
24. $\frac{1}{25}$	0.04
25. $\frac{1}{26}$	0.0385
26. $\frac{1}{27}$	0.0370
27. $\frac{1}{28}$	0.0357
28. $\frac{1}{29}$	0.0345
29. $\frac{1}{30}$	0.0333
30. $\frac{1}{31}$	0.0323
31. $\frac{1}{32}$	0.0313
32. $\frac{1}{33}$	0.0303
33. $\frac{1}{34}$	0.0294
34. $\frac{1}{35}$	0.0286
35. $\frac{1}{36}$	0.0278
36. $\frac{1}{37}$	0.0270
37. $\frac{1}{38}$	0.0263
38. $\frac{1}{39}$	0.0256
39. $\frac{1}{40}$	0.025
40. $\frac{1}{41}$	0.0244
41. $\frac{1}{42}$	0.0238
42. $\frac{1}{43}$	0.0233
43. $\frac{1}{44}$	0.0227
44. $\frac{1}{45}$	0.0222
45. $\frac{1}{46}$	0.0217
46. $\frac{1}{47}$	0.0213
47. $\frac{1}{48}$	0.0208
48. $\frac{1}{49}$	0.0204
49. $\frac{1}{50}$	0.02
50. $\frac{1}{51}$	0.0196
51. $\frac{1}{52}$	0.0192
52. $\frac{1}{53}$	0.0189
53. $\frac{1}{54}$	0.0185
54. $\frac{1}{55}$	0.0182
55. $\frac{1}{56}$	0.0179
56. $\frac{1}{57}$	0.0175
57. $\frac{1}{58}$	0.0172
58. $\frac{1}{59}$	0.0170
59. $\frac{1}{60}$	0.0167
60. $\frac{1}{61}$	0.0164
61. $\frac{1}{62}$	0.0161
62. $\frac{1}{63}$	0.0159
63. $\frac{1}{64}$	0.0156
64. $\frac{1}{65}$	0.0154
65. $\frac{1}{66}$	0.0152
66. $\frac{1}{67}$	0.0149
67. $\frac{1}{68}$	0.0147
68. $\frac{1}{69}$	0.0145
69. $\frac{1}{70}$	0.0143
70. $\frac{1}{71}$	0.0141
71. $\frac{1}{72}$	0.0139
72. $\frac{1}{73}$	0.0137
73. $\frac{1}{74}$	0.0135
74. $\frac{1}{75}$	0.0133
75. $\frac{1}{76}$	0.0132
76. $\frac{1}{77}$	0.0130
77. $\frac{1}{78}$	0.0128
78. $\frac{1}{79}$	0.0127
79. $\frac{1}{80}$	0.0125
80. $\frac{1}{81}$	0.0123
81. $\frac{1}{82}$	0.0122
82. $\frac{1}{83}$	0.0120
83. $\frac{1}{84}$	0.0119
84. $\frac{1}{85}$	0.0118
85. $\frac{1}{86}$	0.0116
86. $\frac{1}{87}$	0.0115
87. $\frac{1}{88}$	0.0114
88. $\frac{1}{89}$	0.0112
89. $\frac{1}{90}$	0.0111
90. $\frac{1}{91}$	0.0110
91. $\frac{1}{92}$	0.0109
92. $\frac{1}{93}$	0.0107
93. $\frac{1}{94}$	0.0106
94. $\frac{1}{95}$	0.0105
95. $\frac{1}{96}$	0.0104
96. $\frac{1}{97}$	0.0103
97. $\frac{1}{98}$	0.0102
98. $\frac{1}{99}$	0.0101
99. $\frac{1}{100}$	0.01

LICENSE REGISTRATION CERTIFICATE #

Gene L. L.
DIRECTOR

Signature of Licensee, Applicant, or Candidate Holder

THIS DOCUMENT IS PRINTED ON WASTE PAPER RECYCLED WITH A MULTICOATED
3-PLY, 20% FIBER, 50% RECYCLED, 30% WASTE PAPER, 10% GLASS, 10% PLASTIC, 10%
10-PLY, 20% FIBER, 50% RECYCLED, 30% WASTE PAPER, 10% GLASS, 10% PLASTIC, 10%
10-PLY, 20% FIBER, 50% RECYCLED, 30% WASTE PAPER, 10% GLASS, 10% PLASTIC, 10%

State Of New Jersey

2016年11月14日 星期一 11:14

FROM DEPT. OF THE ARMY, WASHINGTON, D. C.
TO THE SECRETARY OF THE ARMY, WASHINGTON, D. C.
SUBJECT: THE ARMY, WASHINGTON, D. C.
RE: THE ARMY, WASHINGTON, D. C.

TRINITY HEATING & AIR INC DBA TRINITY SOLAR
CHARLES P BOWICKER
2211 Allenwood Road
Wall Township N.J. 07719

FOR PRACTICE IN NEW JERSEY AS A(n) Electrical Business Partner

www.10

[illegible]

Gene L. L.

Get some, today! From "P" on down, also on 10/10.

06.10.2005 12:20

7- - PLEASE DETACH HERE

RECEIVING CLERK: [Signature]
DATE REC'D: 5/2/17

ZONING PERMIT APPLICATION

PERMIT # ZP-17-00576
DATE ISSUED: 5/4/17

BLOCK: 557 LOT: 36 QUALIFIER: — SITE ADDRESS: 420 Laurel Ave

IDENTIFICATION:

1. NAME OF OWNER IN FEE: Bachman, Shannon

COMPLETE ADDRESS: 420 Laurel Ave Brick, NJ 08723

PHON: [REDACTED] EMAIL: —

2. NAME OF APPLICANT: Trinity Solar

APPLICANT ADDRESS: 2211 Allenwood Rd, Wall, NJ 07719

PHONE # (732)780-3779 ext 9040 EMAIL: trinity.permitting@trinitysolarsystems.com

3. RESPONSIBLE PERSON FOR WORK: Charles Bonicker

PHONE# (732)780-3779 ext 9040 FAX# (848)220-9139

4. SIGNATURE OF APPLICANT: [Signature]

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ 75-

OTHER: \$ —

TOTAL: \$ 75-

REQUIRED BY APPLICANT

RESIDENTIAL: Single Family

COMMERCIAL: —

EXISTING USE: Single Family

PROPOSED USE Install Solar

BOARD APPROVAL: — PB — ZB

RESOLUTION#: —

APPROVAL DATE: —

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: — *ADDITION — *ALTERATION — *PORCH — *DECK —

POOL: ABOVE GROUND — IN GROUND — FENCE: HEIGHT — TYPE —

HEIGHT: — (*APPLICABLE)

OTHER Install solar panels on roof.

DESCRIPTION: 7.695 KW PV solar system with 27 modules using Solar Edge technology. Solar panels will be flat mounted on roof, not to exceed the roof peak.

ZONING REVIEW:

DATE REVIEWED: 4-21-17 DATE DENIED: — DATE APPROVED: 4-21-17 INTLS: [Signature]

(SEE BACK PAGE)

OFFICE USE ONLY

RECEIVED

APR 21 2007

ZONING

ZONING REVIEW:

DATE REVIEWED: 4/21/17 DATE DENIED: — DATE APPROVED: 4/21/17 INTLS: MS28

[illegible]



Brick Township
401 Chambers Bridge Rd.

Brick, NJ 08723
(732) 262-1336

Date Issued: 5/4/17
Application Number: ZA-17-00476
Application Date: 04/21/2017
Project Number: _____
Permit Number: 2P-17-00566
Fee: \$75.00

Zoning Permit

Worksite 420 LAUREL AVE.
Location: Brick Township, NJ 08723

Block: 557
Lot: 36
Qualifier: _____
Zone: R-7.5

Owner: BACHMAN, SHANNON & FRANK
Address: 1608 CAMMAR DR
WALL, NJ 07719

Applicant: Trinity Solar
Address: 2211 Allenwood Rd.
Wall, NJ 07719

Application Approved Date: 04/21/2017

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

Use is: Single-Family Residential
Nonconforming Use is: _____

Work Description:

Solar Energy System - 27- 260W Hawwa Solar, 7.695kW SUNRUN, mounted on the roof of the house.

Additional Zoning Permit is required for additional work.

Upon review it was determined that the Zoning Permit:

- ☒ Permitted by Ordinance
☐ Permitted by Variance approved on: _____
☐ Valid Nonconforming Use is established by
☐ Zoning Board of Adjustment
☐ Zoning Officer



Christopher J. Romano, Assistant Zoning Officer

04/21/2017
Date



Sean Kinnevy, Zoning Officer

4/21/17
Date

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK: _____

PERMIT #: _____

BLOCK: 557 LOT: 36 ADDRESS: 420 Laurel Ave**IDENTIFICATION:**

1. WORK SITE ADDRESS: 420 Laurel Ave
2. NAME OF OWNER IN FEE: Bachman, Shannon
ADDRESS: 420 Laurel Ave PHONE #: [REDACTED]
Brick, NJ 08723 FAX #: ()
3. PRINCIPAL CONTRACTOR: Trinity Solar
ADDRESS: 2211 Allenwood Road PHONE #: (732) 780-3779
Wall, NJ 07719 FAX #: (848) 220-9139
4. ARCHITECT OR ENGINEER: _____
ADDRESS: _____ PHONE #: ()
5. RESPONSIBLE PERSON FOR WORK: _____
ADDRESS: _____
PHONE #: () FAX #: () E-MAIL: _____

PROJECT DESCRIPTION: ☐ GRADING/CLEARING ☐ ROAD OPENING
☐ SOIL REMOVAL/FILL ☐ RETAINING WALL ☐ POOL
☐ BULKHEAD/DOCK ☐ DWELLING ☐ TREE REMOVAL
☐ OTHER Install 7.695 kw solar panels on roof. Panels not to exceed
roof width but will add 6" to roof height.
LENGTH: _____ WIDTH: _____ HEIGHT: _____

FEE SUMMARY:

APPLICATION FEE: \$ _____
REVIEW FEE: \$ _____
INSPECTION FEE: \$ _____
OTHER: \$ _____
BOND(S): \$ _____
TOTAL: \$ _____

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS: _____
DRAINAGE EASEMENTS: _____
UTILITY EASEMENTS: _____
CONSERVATION EASEMENTS: _____
FEMA REQUIREMENTS: _____
D.E.P. PERMITS: _____
BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER: _____

APPROVED DATE: _____

ENGINEERING REVIEW:

DATE RECEIVED: _____ DATE REJECTED: _____ DATE APPROVED: _____ INITIALS: _____

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

John G. Ducey, Mayor

Township Council:

Susan Lydecker - President
Jim Fozman - Vice President
Heather deJong
Bob Moore
Paul Mummolo
Marianna Pontoriero
Andrea Zapdic



Department of Land Use and Community
Development
Division of Land Use & Planning
732-262-1027
Fax: 732-262-2941
www.twp.brick.nj.us

Date: 4/13/17

ENGINEERING PLOT PLAN EXEMPT FORM (ONLY IF NOT IN A FLOOD ZONE)

Block: 557 Lot: 36

Property Address: 420 Laurel Ave Brick, NJ 08723

I, Trinity Solar of 2211 Allenwood Road Wall, NJ 07719
(name) (address)

request to be exempt from the plot plan requirement for an addition, fence, shed, deck, pool, retaining wall, etc. as outlined in the Township Code, Chapter 245, Section 245-29.

Tim Deller
Applicant's Signature

The following shall be submitted with this request:

1. Submit surveys locating existing dwelling and proposed addition. Dimensions of the addition should be included.
 2. Proof that the property is not located in a Flood Hazard Area
- Note: Prior to approval a site inspection by the Engineering Department will be performed to verify that the proposed addition will not create a drainage problem.

FOR OFFICE USE ONLY

Approved on: _____ Signed: _____

Rejected on: _____ Signed: _____

Comments: _____

Richard B. Gordon, P.E.

P.O. Box 264•Farmville•VA 23901

Ph: 434.394.2326•E-mail: grichardpe@aol.com

April 4, 2017

Brick Building Dept.
Brick, NJ

To Whom It May Concern:

Re: Solar Panels Roof Structural Framing Support

I hereby certify that I am a Licensed Professional Engineer in the State of New Jersey. Please note the following conclusions regarding framing structure, roof loading, and proposed site location of installation:

1. Existing roof framing:

Roof 1: Conventional wood framing is 2x6 at 16" o.c. with 12'-11" span (horizontal rafter projection).

This existing structure is definitely capable to support all of the loads that are indicated below for this photovoltaic project.

2. Roof Loading

- 4.33 psf dead load (modules plus all mounting hardware)
- 12 psf snow live load (20 psf ground snow live load reference)
- 6.2 psf dead load roof materials (3 psf fiberglass shingles, 1.5 psf 1/2" wood sheathing, 1.7 psf 2x6)
- Exposure Category B, 125 mph wind uplift live load of 23.09 psf (wind resistance)

3. Address of proposed installation: Residence of Shannon Bachman, 420 Laurel Avenue, Brick, NJ

This installation design will be in general conformance to the manufacturer's specifications, and is in compliance with all applicable laws, codes, and ordinances, and specifically N.J.A.C. 5:23-6 (Rehabilitation Subcode), International Residential Code/ IRC 2015 NJ Edition, N.J.A.C. 5:23-3.21. The spacing and fastening of the mounting brackets is to have a maximum of 64" o.c. span between mounting brackets and secured using 5/16" diameter corrosive resistant steel lag bolts. In order to evenly distribute the load across the roof rafters, there shall be a minimum of 2 mounting brackets per rafter & min. 3" penetration of lag bolt per bracket, which is adequate to resist all 125 mph wind live loads including wind shear.

Very truly yours,



Richard B. Gordon, P.E.
New Jersey P.E. License No. 29483



Zoom Review

Approval

By: ac solar energy

Date: 4-24-17

4/24/17 - SENT TO Cnm - SCZ ✓

5/2/17 Emailed trinity. Ready for p/c (C)