



Property Information

Request Information

Update Information

| | | | | |
|------------------|----------------------|-----------------------|------------|-------------------|
| File#: | BS-X01661-9542794875 | Requested Date: | 06/04/2024 | Update Requested: |
| Owner: | CERVANTES, GEORGE | Branch: | | Requested By: |
| Address 1: | 2241 LANES MILL RD | Date Completed: | | Update Completed: |
| Address 2: | | # of Jurisdiction(s): | | |
| City, State Zip: | BRICK, NJ | # of Parcel(s): | 1 | |

Notes

CODE VIOLATIONS Per TOWNSHIP OF BRICK Department of Zoning there are no Code Violation cases on this property.
Collector: TOWNSHIP OF BRICK Code Enforcement
Payable: 401 Chambers Bridge Road, Brick, New Jersey 08723
Business# 732-262-1003

PERMITS Per TOWNSHIP OF BRICK Building Department there is an Open Permit on this property.
Permit# ZP-22-01605
Permit Type: Zoning Permit
Collector: TOWNSHIP OF BRICK Building Department
Payable: 401 Chambers Bridge Road, Brick, New Jersey 08723
Business# 732-262-1003

SPECIAL ASSESSMENTS Per TOWNSHIP OF BRICK Tax Collector there are no Special Assessments/liens on the property.
Collector: TOWNSHIP OF BRICK Tax Collector
Payable: 401 Chambers Bridge Road, Brick, New Jersey 08723
Business# 732-262-1003

DEMOLITION NO

UTILITIES WATER & SEWER
Account #: 20212812-0
Payment Status: Delinquent
Status: Pvt & Lienable
Past Due: \$3,987.96
Current Due: \$410.24
Amount: \$4,398.2
Good Thru: 06/30/2024
Account Active: Active
Collector: Brick Township Municipal Utilities Authority (BTMUA)
Payable Address:1551 HWY 88, Brick, NJ 08724
Business # 732-458-7000

GARBAGE:-
Garbage bills are included in the Real Estate Property taxes.



THE TOWNSHIP OF
BRICK, NJ

Property Tax Inquiry

| | |
|---------------------|------------|
| Account / B-L-Q: | 725341 |
| Interest Thru Date: | 06/06/2024 |



Account#: 725341
Owner: CERVANTES, GEORGE
Address: 2241 LANES MILL ROAD
City/State/Zip: BRICK NJ 08724
Location: 2241 LANES MILL RD
B/L/Q: 1386.01 - 1 -
Bank:
Deduction: \$0.00
Principal: \$0.00
Interest: \$0.00
Total Due: \$0.00

Yearly Summary

Details

Liens (0)

Mod IV

Details

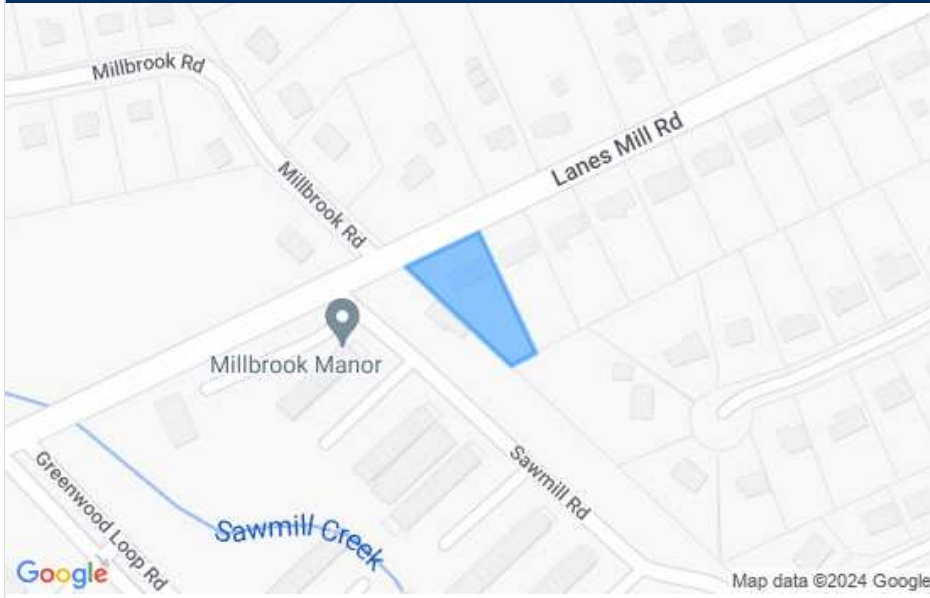
| Year | Qtr | Tr./Due Date | Description | Billed | Paid | Adjusted | Open | Days | Interest | Pay Source |
|------|-----|--------------|-------------|------------|-------------|----------|--------|------|----------|------------------------------|
| 2024 | 2 | 05/01/2024 | Tax Bill | \$1,804.84 | \$0.00 | \$0.00 | \$0.00 | 0 | \$0.00 | |
| 2024 | 2 | 05/06/2024 | Tax Payment | \$0.00 | -\$1,804.84 | \$0.00 | \$0.00 | 0 | \$0.00 | C0-CORE LOGIC TAX SVCS |
| 2024 | 1 | 02/01/2024 | Tax Bill | \$1,804.84 | \$0.00 | \$0.00 | \$0.00 | 0 | \$0.00 | |
| 2024 | 1 | 01/22/2024 | Tax Payment | \$0.00 | -\$1,804.84 | \$0.00 | \$0.00 | 0 | \$0.00 | WF-WELLS FARGO HOME MORTGAGE |
| 2023 | 4 | 11/01/2023 | Tax Bill | \$1,828.79 | \$0.00 | \$0.00 | \$0.00 | 0 | \$0.00 | |
| 2023 | 4 | 10/31/2023 | Tax Payment | \$0.00 | -\$1,828.79 | \$0.00 | \$0.00 | 0 | \$0.00 | WF-WELLS FARGO HOME MORTGAGE |
| 2023 | 3 | 08/01/2023 | Tax Bill | \$1,828.80 | \$0.00 | \$0.00 | \$0.00 | 0 | \$0.00 | |

2241 Lanes Mill Rd

Block: 1386.01 Lot: 1
Residential

Section Summary

📍 2241 Lanes Mill Rd



Block:1386.01 Lot: 1

[Show on FEMA Flood Plain Map](#)

🖼️ Images



🏠 Location

| | |
|-----------|--------------------|
| Street | 2241 Lanes Mill Rd |
| City | |
| Zip | |
| Block | 1386.01 |
| Lot | 1 |
| Qualifier | |

☰ Details

| | |
|-----------------|--------------------------|
| Building | 1SF1G-P 2362 |
| Land | .4669AC |
| Acreage | 0.467 acres ² |
| Property Class | 2 - Residential |
| Last Sale Price | \$365000 |
| Last Sale Date | 8/6/2020 |

📖 GeoAreas

| | |
|--------------|--|
| Ward | |
| Zoning | |
| DPW District | |
| Historic | |
| Census | |

👤 Owner

| | |
|-------------|----------------------|
| Name | ***** |
| Address | 2241 Lanes Mill Road |
| City, State | Brick , NJ |
| Zip Code | 08724 |

📷 Assessed Valuation

| | |
|--------------|----------|
| Land | \$112400 |
| Improvements | \$178000 |
| Total | \$290400 |


Property Data

Tax Maps 0

Attachments 0

Online Forms 0



| Name | Module | Public ID | Created | Status | Location |
|---|--------|-----------|---------|--------|----------|
|  There are no available form submissions for this property | | | | | |

Construction

Permit Applications 2

| View | Control Number | Permit Number | Issue Date | Work Type | Work Description | Subcodes | Status | Close Date | Certificates | Total Cost | Agent |
|----------------------|----------------|---------------|------------|------------|------------------|----------------------------|--------------------------|------------|--------------|------------|-------|
| View | C-22-003086 | 22-3414 | 12/22/2022 | Alteration | SOLAR PANELS | Building, Electrical, Fire | CA and Close Date Issued | 1/24/2023 | CA | 11490 | ***** |
| View | C-07-002453 | 07-1417 | 5/24/2007 | Alteration | NEW ROOF | Building | CA and Close Date Issued | 4/9/2010 | CA | 2500 | ***** |

Inspections 4

| Inspection Date | Permit Number | Subcode | Type | Inspector | Result | TA Notes | Findings |
|-----------------|---------------|------------|---------------|-----------------|----------|----------|----------|
| 01/09/2023 | 22-3414 | Building | Final | John Pinkava | Pass | | |
| 01/09/2023 | 22-3414 | Electrical | Final | Robert Lambusta | Pass | | |
| 01/09/2023 | 22-3414 | Fire | Final | Paul Matula | Pass | | |
| 04/06/2010 | 07-1417 | Building | ROOFING/FINAL | Michael Vecchio | InActive | | |

Violations 1

| Notice Date | Violation Number | Compliance Date | Closure Date | Subcode | Issuing Officer | Infraction | Statute | Comment |
|-------------|------------------|-----------------|--------------|---------|--------------------|-----------------------------|-------------------|--------------------------|
| 10/20/2022 | V-22-00203 | 11/3/2022 | 1/24/2023 | | Daniel F Newman Jr | Notice and Order of Penalty | NJAC 5:23.2.14(a) | Working without a permit |

Ongoing Applications 0

LandUse

Historical Board Applications 0

Open Space Applications 0

Zoning Board Applications 0

Planning Board Applications 0

Zoning Applications 1



| Date | Number | Applicant | Permit Number | Zone | Use | Decision | Decision Date | Work |
|----------------------|-----------------|-----------|-----------------|------|------------------------------|----------|---------------|--|
| 8/31/2022 2:57 PM | ZA-22- 01252 | ***** | ZP-22- 01605 | R-20 | Single-Family Residential | Approved | 9/9/2022 | 22- 335W HT Solar HT60, 7.37kW SolarEdge inverter, mounted on the roof of the house. Additional Zoning Permit is required for additional work. |

Zoning Inspections 0 

Zoning Violations 0 

| Notice Date | Abatement Date | Issue Date | Violation Number | Issuing Officer | Infraction |
|-------------|----------------|------------|------------------|-----------------|------------|
|-------------|----------------|------------|------------------|-----------------|------------|

 There is no data for this section

CodeEnforcement 

Property Information 0 

Certificates 0 

Registrations 0 

Certificate Inspections 0 

Stand Alone Inspections 7 

| Date | Unit | Inspector | Type | Level | Result | Completed | Comments | Results |
|-----------|------|-------------------------------------|-----------|---------|--------|-----------|----------|---------|
| 2/25/2023 | | Gerard DeCicco 732-262-1037 | Spot | Initial | Pass | Closed | | |
| 2/24/2023 | | Gerard DeCicco 732-262-1037 | Spot | Initial | Pass | Closed | | |
| 5/23/2022 | | Gerard DeCicco 732-262-1037 | Spot | Initial | Pass | Closed | | |
| 5/16/2022 | | Gerard DeCicco 732-262-1037 | Spot | Initial | Fail | Closed | | |
| 5/14/2022 | | Gerard DeCicco 732-262-1037 | Spot | Initial | Pass | Closed | | |
| 4/2/2018 | | Darren Terrizzi 732-262-4794 | Complaint | Initial | Pass | Closed | | |
| 1/13/2011 | | John Jusinski 732-262-1034 InActive | Spot | Initial | Pass | Closed | | |

Engineering 

Open Complaints 0 

Projects 0 

Reviews 0 

Inspections 0 

Grading and Clearing 0 

 Service Requests 0 

- Road Openings 0
- Elevation Certificates 0
- Pool Requests 0

- Fire
- Preplan Information 0
 - FAITH Information 0

- FirePrevention
- Property Units 0
 - Smoke Detector Inspection 0
 - Stand Alone Inspections 0
 - Fire Investigations 0

- General
- Comments 0
 - Photos 0
 - Web Requests 0

- PropertyItems
- Property Items 0

Every effort has been made to offer the most current and correct information possible. Original records may differ from the information on these pages. Verification of information on source documents is recommended.



11/24/93
 1386.01
 1

BLOCK 1386.01 LOT 1 ADDRESS (SITE) _____ PERMIT NO. 2737-93

RECEIVED

NOV 10 1995



CONSTRUCTION PERMIT APPLICATION

Division of Construction: Sections I, II, III (optional), IV, VI and VII

I. IDENTIFICATION

1. Proposed Work-site at: 2241 Lanes Mill Rd

2. Name of Owner in Fee: Dave Winters Te [Redacted]
 Address 2241 Lanes Mill Rd Blindtown NS 08724
street municipality zip code

3. Ownership in Fee: Public _____ Private X

4. Principal Contractor: Doug Alc Tel. (938) 4314
 Address PO Box 583 Howell NS 07731

License No. OR, if new home, Builder Reg. No. _____
 Federal Emp. No. _____ Social Security No. [Redacted]

5. Architect or Engineer _____ Tel. (____) _____
 Address _____

6. Responsible Person In Charge of Work Dave Kim Tel. (938) 4314

V. FEE SUMMARY (for office use only)

| | | Update | Update |
|-----------------------------------|----|-----------|--------|
| 1. Building | \$ | | |
| 2. Electrical | | | |
| 3. Plumbing | | | |
| 4. Fire Protection | | | |
| 5. Other | | | |
| 6. Subtotal | \$ | <u>73</u> | |
| 7. Less 20% for State Plan Review | | | |
| 8. Subtotal | \$ | | |
| 9. DCA Training Fee | | <u>2</u> | |
| 10. Subtotal | \$ | | |
| 11. Cert. of Occupancy | | <u>20</u> | |
| 12. Other | | | |
| 13. TOTAL | \$ | <u>95</u> | |

VI. BUILDING/SITE CHARACTERISTICS (office use only)

- Number of Stories _____
- Height of Structure _____ ft.
- Area—Largest Floor _____ sq. ft.
- Building Area—All Floors _____ sq. ft.
- Volume of Structure _____ cu. ft.
- Construction Classification _____
- Total Land Area Disturbed _____ sq. ft.
- Flood Hazard Zone _____
- Base Flood Elevation _____ ft.
- Wetlands yes _____ sq. ft.
no _____
- Fire Grading _____
- Max. Live Load _____
- Max. Occupancy Load _____

II. PROPOSED WORK

| | Est. Cost |
|--|----------------|
| 1. <input type="checkbox"/> Minor Work (single trade) | |
| 2. <input type="checkbox"/> Small Job (\$5,000 and no prior approvals) | |
| 3. <input type="checkbox"/> New Building | |
| 4. <input type="checkbox"/> Addition | |
| 5. <input type="checkbox"/> Alteration | |
| 6. <input checked="" type="checkbox"/> Fire Protection | <u>500.00</u> |
| 7. <input type="checkbox"/> Plumbing | <u>1500.00</u> |
| 8. <input type="checkbox"/> Electrical | |
| 9. <input type="checkbox"/> Asbestos Abatement | |
| 10. <input type="checkbox"/> Demolition | |
| TOTAL COSTS | <u>2000.00</u> |

OPTIONAL (for office use only)

| Plans Rec'd By | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates Approval | Rejection | Re-viewer |
|----------------|-----------------|----------------|-----------------|-----------|-----------------------------|-----------|-----------|
| <u>WS</u> | <u>11/10/93</u> | | | | | | |
| | | | <u>11/10/93</u> | | <u>12/17/93</u> | | |
| | | | <u>11/12/93</u> | | <u>12/17/93</u> | | |

III. DO YOU WANT: (optional) 1. Partial Releases 2. Prototype Processing

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

- Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
- High Pressure Boilers
- Pressure Vessels
- Refrigeration Systems
- Cross-Connections/Backflow Preventers
- Hazardous Uses/Places of Assembly
- Sprinklers
- Smoke Control Systems in Open Wells
- Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL-

- Hotels (R-1)
- Multi-Family (R-2)
- Two-Family (R-3) BOCA
- Two-Family (R-4) CABO
- One-Family (R-3) BOCA
- One-Family (R-4) CABO

No of dwelling units:
 Before Construction _____
 After Construction _____
 Net gain or loss _____

B. NON-RESIDENTIAL

- State Specific Use:
- Use Group:
- Change in Use Group. Indicate Former:

LDS BR 10316410

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 New Jersey 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.

(X) Check if contractor.

Agent Name Dona Alc

Address P.O. Box 533

Howell NJ 07731

Telephone (938) 4314

Signature Dona Alc Date 11-10-93

OFFICE DATE RECEIVED: _____

| VIII. PRIOR APPROVALS CHECKLIST (office use only) | LOCAL APPROVAL | | COUNTY APPROVAL | | REGIONAL APPROVAL | | STATE APPROVAL | | COMMENTS |
|---|------------------|------------|------------------|------------|-------------------|------------|------------------|------------|----------|
| | Prelimn. Initial | Final Date | Prelimn. Initial | Final Date | Prelimn. Initial | Final Date | Prelimn. Initial | Final Date | |
| <input type="checkbox"/> Planning Board | | | | | | | | | |
| <input type="checkbox"/> Zoning Board | | | | | | | | | |
| <input type="checkbox"/> Sewer Authority | | | | | | | | | |
| <input type="checkbox"/> Water Authority | | | | | | | | | |
| <input type="checkbox"/> Fire Department | | | | | | | | | |
| <input type="checkbox"/> Police Department | | | | | | | | | |
| <input type="checkbox"/> Health Department | | | | | | | | | |
| <input type="checkbox"/> Soil Conservation | | | | | | | | | |
| <input type="checkbox"/> N.J. Dept. of Community Affairs | | | | | | | | | |
| <input type="checkbox"/> N.J. Department of Transportation | | | | | | | | | |
| <input type="checkbox"/> N.J. Dept. of Environmental Protect. | | | | | | | | | |
| <input type="checkbox"/> Utility Dig No. | | | | | | | | | |
| <input type="checkbox"/> Other | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

| | |
|------------------------------|--------------------------------|
| Name of Code & Edition _____ | Name of Code & Edition _____ |
| Building _____ | Energy _____ |
| Electrical _____ | Barrier Free _____ |
| Plumbing _____ | Flood Hazard _____ |
| Fire Protection _____ | As Built Elevation Cert. _____ |
| Mechanical _____ | Other _____ |

X. CERTIFICATES ISSUED (office use only)

| | | |
|---|-----------|--------------------|
| <input type="checkbox"/> Temporary Certificate of Occupancy | No. _____ | DATE EXPIRED _____ |
| <input type="checkbox"/> Temporary Certificate of Occupancy | No. _____ | DATE EXPIRED _____ |
| <input type="checkbox"/> Continued Certificate of Occupancy | No. _____ | DATE EXPIRED _____ |
| <input type="checkbox"/> Certificate of Occupancy | No. _____ | DATE EXPIRED _____ |
| <input type="checkbox"/> Certificate of Approval | No. _____ | DATE EXPIRED _____ |



CONSTRUCTION PERMIT

Date Issued 11/12/93
Control #
Permit # 2737-93

IDENTIFICATION Block 1386.01 Lot 1

Work Site Location 2241 Lane Mill Rd Contractor NOVA c/c
Address P.O. Box 583

Owner in Fee DEPT. OF TREAS. Address JULIA
Tele. () _____

2737-93 #
1386.01 #
I #
PLUMBING

is hereby granted permission to perform the following work:

- BUILDING PLUMBING OTHER
- ELECTRICAL FIRE PROTECTION

DESCRIPTION OF WORK:

elec to gas.

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 \$ 20000 *A. Perino*

| | |
|----------------------------|-------------------------|
| PAYMENTS (Office Use Only) | |
| Building | D.C.A. 2.00 |
| Plumbing | <u>4800</u> 48.00 |
| Electrical | TOTAL 50.00 |
| Fire Protection | <u>5000</u> 5.00 |
| Other | CHANGE 0.00 |
| Other | |
| DCAL Training Fee | <u>520016A005</u> 12:16 |
| Cert. of Occ. | <u>20</u> |
| Other | |
| Total | <u>95</u> |
| Check No. | <u># 633</u> |
| Cash | |
| Collected By: | <u>h D.</u> |



**FIRE PROTECTION
SUBCODE
TECHNICAL SECTION**



Date Received 11/12/93
Date Issued
Control # 2737-93
Permit #

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

Block 1386, 01 Lot 1
Work Site Location 2241 Dennis Road Rd
Owner in Fee Bob Dickers
Address 2241 Dennis Rd RD. 111, 25 08724
Tele. [Redacted]
Contractor NDDA ALC
Address P.O. Box 533 Howell NJ 07731
Tele. (938) 431 0731
Lic. No. _____ or Social Security No. [Redacted]
Federal Emp. No. _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed _____
Const. Class. Present _____ Proposed _____
Heating Systems [] New [] Existing
Type: [] Gas [] Oil [] Electrical [] Solar
[] Other _____
Location: _____
Total Est. Cost of Fire Prot. Work \$ 505 6-0 [] Other _____

JOB SUMMARY (Office Use Only)

| PLAN REVIEW: | INSPECTIONS: | Dates (Month/Day) | Initial |
|--|------------------|-------------------|---------|
| <input type="checkbox"/> No Plans Required | Type: _____ | Failure | Failure |
| Joint Plan Review Required: | Suppression Test | _____ | _____ |
| [] Bldg. [] Plumb. | Fire Alarm Test | _____ | _____ |
| [] Elec. [] Elevator | Smoke Test | _____ | _____ |
| [X] Fire Plans Approved | Mechanical | _____ | _____ |
| Date: 11/10/93 | TCO | _____ | _____ |
| Approved by: [Signature] | Other | _____ | _____ |
| SUBCODE APPROVAL: | Other | _____ | _____ |
| [] CO [] CCO [] CA | Other | _____ | _____ |
| Date: 12/17/93 | Other | _____ | _____ |
| Approved by: [Signature] | Other | _____ | _____ |

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] David R. W.
SIGNATURE

D. TECHNICAL SITE DATA

Description of Work
Water Supply Source
Method of Valve Supervision
Local Alarm Supervision
Central Supervision
Proprietary Supervision
Flammable Liquid Storage Tanks
Combustible Liquid Storage Tanks
L.P.G. Storage Tanks
L.N.G. Storage Tanks

Number
_____ () Capacity
_____ () Capacity
_____ () Capacity
_____ () Capacity
_____ Fuel
_____ Fuel
_____ Fuel

FEE (Office Use Only)

| | |
|------------------------------|-------|
| Wet Sprinkler Heads | _____ |
| Dry Sprinkler Heads | _____ |
| TOTAL | _____ |
| Smoke Detectors | _____ |
| Heat Detectors | _____ |
| TOTAL | _____ |
| Stand Pipes | _____ |
| Kitchen Hood Exhaust Systems | _____ |
| Pre-Engineered Systems | _____ |
| CO ₂ Suppression | _____ |
| Halon Suppression | _____ |
| Foam Suppression | _____ |
| Dry Chemical | _____ |
| Wet Chemical | _____ |
| OTHER | _____ |
| Gas Or Gm-Fixed-Apparatus | 1 |
| Administrative Surcharge | _____ |
| Minimum Fee | 33 |
| DCA Training Fee | _____ |
| TOTAL FEE | 33 |

Paid [] Check # _____
Collected by: _____
Administrative Surcharge \$ _____
Minimum Fee \$ 33
DCA Training Fee \$ _____
TOTAL FEE \$ 33



Date Received 11/12/93
 Date Issued
 Control # 2737-93
 Permit #

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

Block 1386.01 Lot 224 28 RD
 Work Site Location 224 28 RD
 Owner in Fee Bob Winters
 Address 224 Lakes Mill RD
Blount County, TN 37624
 Telephone [REDACTED]
 Contractor Nora Mc
Po Box 533
Havell TN 37731
 Lic. No. (938) 4314
 Federal Emp. No. _____ or Social Security No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present R.3 Proposed _____
 Building Sewer Size _____
 Water Service Size _____
 Estimated Cost of Plumbing Work \$ 1500.00

| JOB SUMMARY (Office Use Only) | | INSPECTIONS: | | Dates (Month/Day) | |
|---|---------------|--------------|---------|-------------------|--------------------|
| PLAN REVIEW: | Type: | Failure | Failure | Approval | Initial |
| <input type="checkbox"/> No Plans Required | Slab | | | | |
| <input type="checkbox"/> Joint Plan Review Required: | Rough | | | | |
| <input type="checkbox"/> Bldg. <input type="checkbox"/> Elec. <input type="checkbox"/> Fire | Water | | | | |
| <input checked="" type="checkbox"/> Plumb. Plans Approved | Sewer | | | | |
| Date: <u>11/12/93</u> | Fixtures | | | <u>12-2-93</u> | <u>[Signature]</u> |
| Approved by: <u>[Signature]</u> | Gas Equipment | | | | |
| | Solar | | | | |
| | TCO | | | | |
| SUBCODE APPROVAL: | | | | | |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO <input checked="" type="checkbox"/> CA | | | | | |
| Approved by: <u>[Signature]</u> | | | | | |
| Date: <u>12-17-93</u> | | | | | |

D. TECHNICAL SITE DATA (List all fixtures.)

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|-----|--|-----------------------|
| | Water Closet | |
| | Urinal/Bidet | |
| | Bath Tub | |
| | Lavatory | |
| | Shower | |
| | Floor Drain | |
| | Sink | |
| | Dishwasher | |
| | Drinking Fountain | |
| | Washing Machine | |
| | Hose Bibb | |
| 1 | Gas Piping | 15 |
| | Fuel Oil Piping | |
| | Water Heater | |
| | Steam Boiler | |
| | Hot Water Boiler | |
| | Sewer Pump | |
| | Interceptor/Separator | |
| | Backflow Preventer | |
| | Greasetrap | |
| | Water Cooled A/C or Refrigeration Unit | |
| | Sewer Connection | |
| | Water Service Connection | 10 |
| | Gas Service Connection | 15 |
| | Active Solar System | |
| | Other <u>Furnace</u> | 40 |
| | Administrative Surcharge | |
| | Paid <input type="checkbox"/> Check # _____ Minimum Fee \$ _____ | |
| | Collected by: _____ TOTAL \$ _____ | |

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.

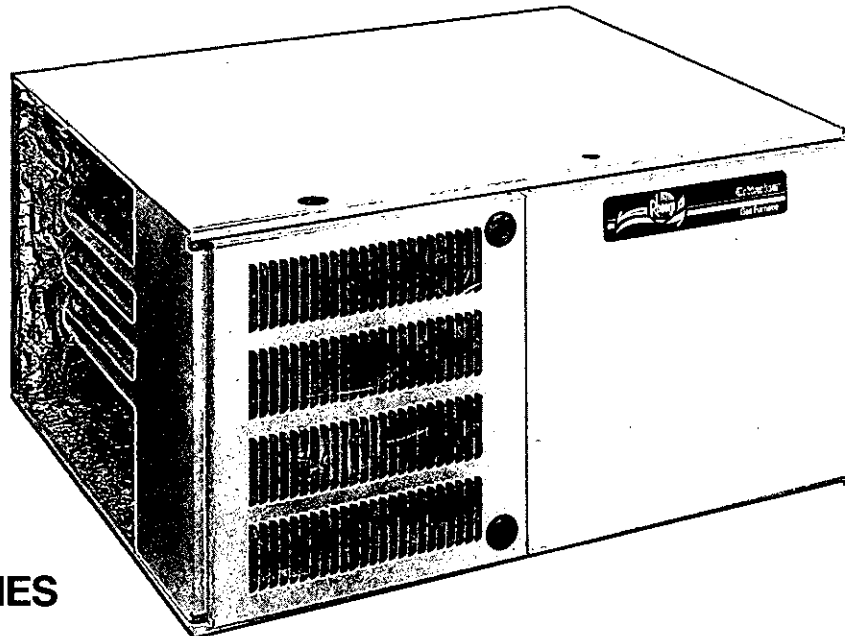
[Signature]
 Signature-Contractor Seal

Licensed Plumbing Contractor Exempt Applicant

GAS FURNACES

CRITERION® 80% A.F.U.E.† HORIZONTAL ONLY GAS FURNACES

Models with Input Rates from
50,000 to 150,000 BTU/HR
(U.S. & Canadian Models)



RGVG- SERIES

The Rheem® Criterion® horizontal gas furnaces are designed for attic, crawl space or suspended installations with horizontal air flow.

This design is certified by the American Gas Association Laboratories. Canadian models are certified by the Canadian Gas Association.

Features

- Patented Turbulex® Heat Exchanger, constructed of aluminumized and stainless steel for the maximum in corrosion resistance.
- Induced draft to achieve a minimum of 80% Annual Fuel Utilization Efficiency (A.F.U.E) rating.
- All models are equipped with hot surface ignition.
- Adjustable fan control with multi-speed direct drive blower.
- A slow-open gas valve and a draft inducer motor with a molded composite housing for reduced furnace noise.
- Integrated board with humidifier and electronic air cleaner hookups for easy installation.

- Furnace can be laid on either side to allow greater installation flexibility. (No field converting required.)
- All models are "air conditioning ready" with blower motor assemblies designed for cooling air delivery.
- Grab-holes in doors to aid in door removal and replacement.
- Every Rheem horizontal gas furnace is thoroughly checked by a quality assurance team and fire-tested before shipping.

A variety of cooling coils and plenums designed to use with Rheem Criterion gas furnaces are available as optional accessories for air conditioning models.

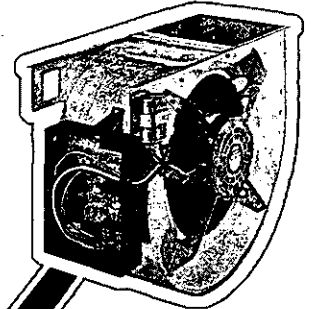
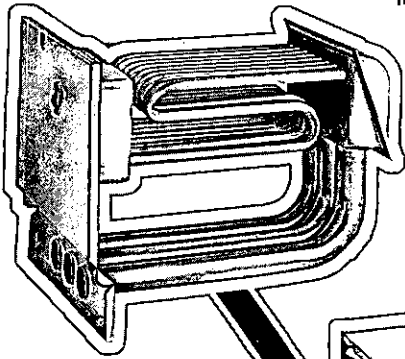
†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.



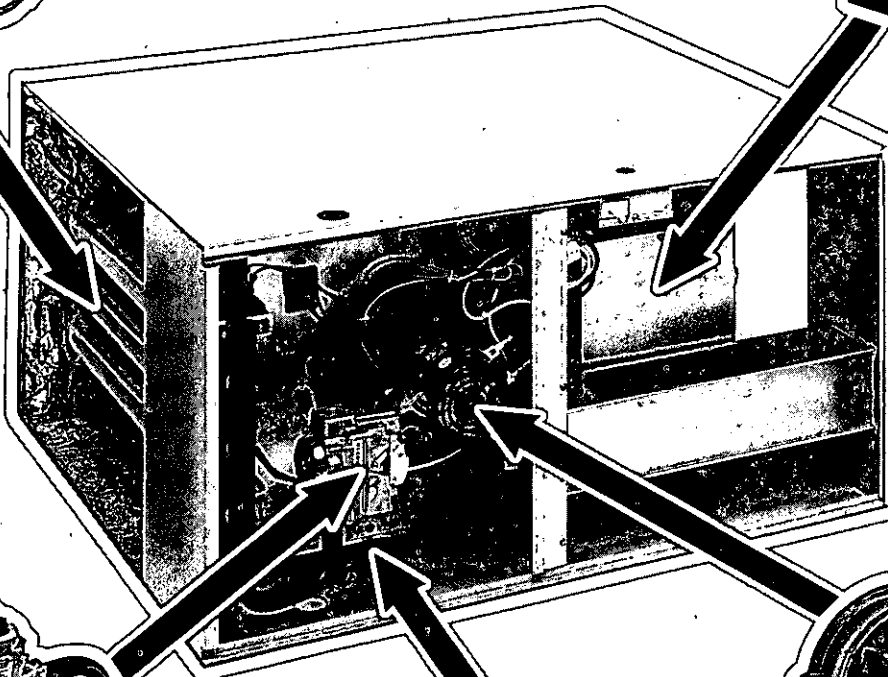


RHEEM CRITERION 80% HORIZONTAL ONLY GAS FURNACE

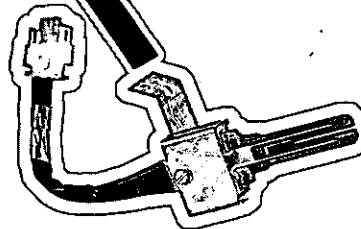
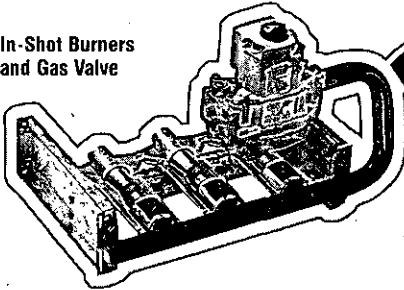
Turbulex® Heat Exchanger



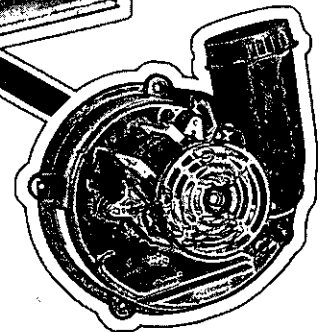
Blower & Control Box



In-Shot Burners
and Gas Valve



Hot Surface Ignitor



Draft Inducer Motor

STANDARD EQUIPMENT

Completely assembled and wired; induced draft; pressure switch; redundant main gas control; blower compartment door safety switch; solid state time on/time off blower control; limit control; manual shut-off valve, pressure regulator for natural and L.P. (propane) gas; transformer; direct drive multi-speed blower motor. Furnaces are equipped with cooling/heating relay and transformer (40VA) ready for air conditioning applications. (Please note: a thermostat is not included as standard equipment.)

NOTE: Furnace is not listed for use with fuels other than natural or L.P. (propane) gas.

The complete terms of limited and other warranties are available at our sales office, or through local installer.

All models can be converted by a qualified Rheem distributor or local service dealer to use L.P. (propane) gas without changing burners. Factory approved kits must be used to convert from natural to L.P. (propane) gas and may be ordered as optional accessories from a Rheem parts distributor.

For L.P. (propane) operation, refer to Conversion Kit Index Form No. 92-21519-30 for U.S. models and Form No. 92-21519-31 for Canadian models.

NOTE: For natural and L.P. (propane) gas models, standard hot surface ignition is 100% lockout type.

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

PHYSICAL DATA AND SPECIFICATIONS—(HORIZONTAL ONLY)

U.S. MODELS

| MODEL NUMBERS | RGVG-05EAUER RGVG-05NAUER | RGVG-07EAUER RGVG-07NAUER | RGVG-07EAMGR RGVG-07NAMGR | RGVG-10EAMER RGVG-10NAMER | RGVG-10EBRJR RGVG-10NBRJR | RGVG-12EARJR RGVG-12NARJR | RGVG-15EARJR RGVG-15NARJR |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| INPUT-BTU/HR ⊙ | 50,000 | 75,000 | 75,000 | 100,000 | 100,000 | 125,000 | 150,000 |
| HEATING CAPACITY BTU/HR | 41,000 | 59,500 | 60,500 | 80,000 | 81,000 | 99,000 | 119,500 |
| HEAT EXT. STATIC PRESSURE | .10 | .12 | .12 | .15 | .15 | .20 | .20 |
| BLOWER (D x W) | 11 x 6 | 11 x 6 | 11 x 7 | 11 x 7 | 11 x 10 | 11 x 10 | 11 x 10 |
| MOTOR H.P.—SPEEDS—TYPE | 1/2-4-PSC | 1/2-3-PSC | 3/4-4-PSC | 1/2-3-PSC | 3/4-4-PSC | 3/4-4-PSC | 3/4-4-PSC |
| MOTOR FULL LOAD AMPS | 6.8 | 6.8 | 9.5 | 6.8 | 9.5 | 9.5 | 9.5 |
| HEATING SPEED | LOW | LOW | LOW | LOW | LOW | LOW | LOW |
| COOLING SPEED | HIGH | HIGH | HIGH | HIGH | HIGH | HIGH | HIGH |
| COOLING CFM @ .5" E.S.P. (NOMINAL) | 1200 | 1200 | 1600 | 1200 | 2000 | 2000 | 2000 |
| MAX. EXT. STATIC PRESSURE (IN.) | .50 | .50 | .50 | .50 | .50 | .50 | .50 |
| TEMPERATURE RISE RANGE °F | 25-55 | 40-70 | 25-55 | 45-75 | 40-70 | 40-70 | 50-80 |
| APPROX. SHIPPING WEIGHT (LBS.) | 85 | 105 | 105 | 115 | 120 | 140 | 150 |
| AFUE—H.S.I. MODELS ⊙ | 82.2% | 80.5% | 80.8% | 80.2% | 80% | 80% | 80% |
| CALIFORNIA SEASONAL EFFICIENCY— H.S.I./NO _x MODELS | 75.9/76.2 | 74.4/74.9 | 75.1/75.5 | 75.2/75.2 | 74.0/74.7 | 75.2/75.3 | 76.0/75.9 |

NOTES: All models are 115V, 60HZ, 1Ø. Gas connection size for all models is 1/2" N.P.T.

⊙ In accordance with D.O.E. test procedures.

⊙ See Conversion Kit Index Form No. 92-21519-30 for high altitude derate.

PHYSICAL DATA AND SPECIFICATIONS—(HORIZONTAL ONLY)

CANADIAN MODELS

| MODEL NUMBERS | RGVG-05EAUEA | RGVG-07EAUEA | RGVG-07EAMGA | RGVG-10EAMEA | RGVG-10EBRJA | RGVG-12EARJA | RGVG-15EARJA |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| INPUT-BTU/HR ⊙ | 50,000 | 75,000 | 75,000 | 100,000 | 100,000 | 125,000 | 150,000 |
| HEATING CAPACITY BTU/HR | 41,000 | 59,500 | 60,500 | 80,000 | 81,000 | 99,000 | 119,500 |
| HIGH ALTITUDE INPUT | 45,000 | 67,500 | 67,500 | 90,000 | 90,000 | 112,500 | 135,000 |
| HIGH ALTITUDE OUTPUT CAPACITY | 36,500 | 53,500 | 54,000 | 72,000 | 72,500 | 89,000 | 107,500 |
| HEAT EXT. STATIC PRESSURE | .10 | .12 | .12 | .15 | .15 | .20 | .20 |
| BLOWER (D x W) | 11 x 6 | 11 x 6 | 11 x 7 | 11 x 7 | 11 x 10 | 11 x 10 | 11 x 10 |
| MOTOR H.P.—SPEEDS—TYPE | 1/2-4-PSC | 1/2-3-PSC | 3/4-4-PSC | 1/2-3-PSC | 3/4-4-PSC | 3/4-4-PSC | 3/4-4-PSC |
| MOTOR FULL LOAD AMPS | 6.8 | 6.8 | 9.5 | 6.8 | 9.5 | 9.5 | 9.5 |
| HEATING SPEED | LOW | LOW | LOW | LOW | LOW | LOW | LOW |
| COOLING SPEED | HIGH | HIGH | HIGH | HIGH | HIGH | HIGH | HIGH |
| COOLING CFM @ .5" E.S.P. (NOMINAL) | 1200 | 1200 | 1600 | 1200 | 2000 | 2000 | 2000 |
| MAX. EXT. STATIC PRESSURE (IN.) | .50 | .50 | .50 | .50 | .50 | .50 | .50 |
| TEMPERATURE RISE RANGE °F | 25-55 | 40-70 | 25-55 | 45-75 | 40-70 | 40-70 | 50-80 |
| APPROX. SHIPPING WEIGHT (LBS.) | 85 | 105 | 105 | 115 | 120 | 140 | 150 |
| AFUE—H.S.I. MODELS ⊙ | 82.2% | 80.5% | 80.8% | 80.2% | 80% | 80% | 80% |

NOTES: All models are 115V, 60HZ, 1Ø. Gas connection size for all models is 1/2" N.P.T.

⊙ In accordance with D.O.E. test procedures.

⊙ See Conversion Kit Index Form No. 92-21519-31 for high altitude derate.

GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

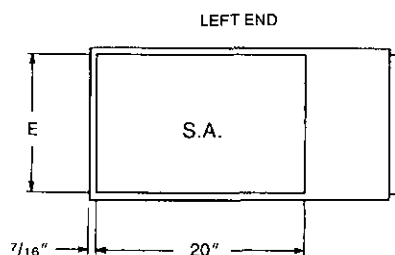
Gas Heat Exchanger Warranty Twenty (20) Years
 Draft Inducer Warranty Five (5) Years
 Integrated Blower Control Board Warranty Five (5) Years
 Any Other Part One (1) Year

*For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Factory for a Copy.

MODEL IDENTIFICATION—HORIZONTAL ONLY MODELS

| R | G | V | G | — | 07E | A | U | E | R |
|-------|-------------|------------|---------------|---|---------------------------|------------------|---|---|--|
| Rheem | Gas Furnace | Horizontal | Design Series | | Heating Input Designation | Variations | Blower Designation | Heating & Cooling Designation | Fuel Type |
| | | | | | Hot Surface Ignition | A = Std. Cabinet | U = 11 x 6 M = 11 x 7 R = 11 x 10 | E = 1100-1330 CFM G = 1450-1750 CFM J = 1800-2075 CFM | R = Natural Gas, U.S. Standard Furnace A = Natural Gas, Canadian Standard Furnace |
| | | | | | NO _x Model | B = Wide Cabinet | | | |
| | | | | | Input BTU/HR | | | | |
| | | | | | 05E | | | | |
| | | | | | 07E | | | | |
| | | | | | 10E | | | | |
| | | | | | 12E | | | | |
| | | | | | 15E | | | | |

HORIZONTAL ONLY DIMENSIONS



WARNING
THIS FURNACE IS NOT APPROVED OR RECOMMENDED FOR HORIZONTAL APPLICATION OR INSTALLATION ON ITS BACK, WITH ACCESS DOORS FACING UPWARDS.

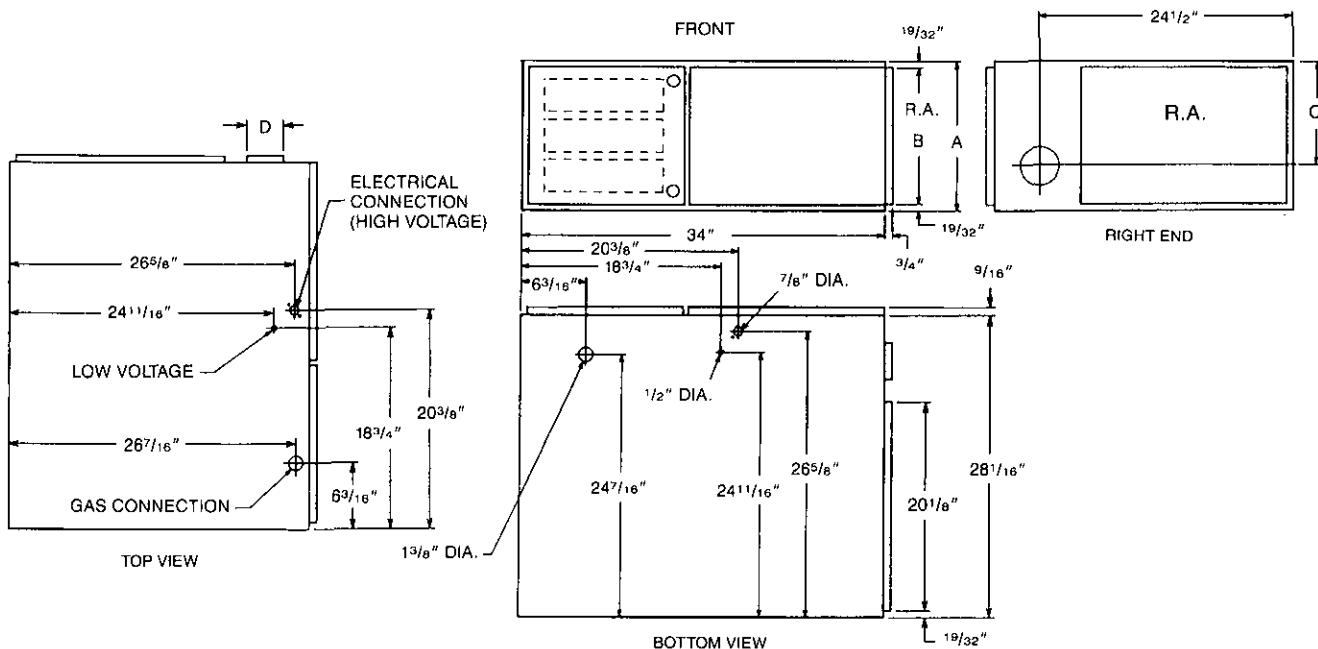


TABLE 1. DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL (INCHES)

| MODEL | A | B | C | D | E | REDUCED CLEARANCES (IN.) | | | | | |
|-------------|-------------------|---------------------|-------------------|---|-------------------|--------------------------|--------|------|-----|-------|------|
| | | | | | | SIDES | BOTTOM | BACK | TOP | FRONT | VENT |
| RGVG-05 | 14 | 12 ^{27/32} | 10 ^{3/8} | Ⓐ | 13 ^{1/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |
| RGVG-07 | 17 ^{1/2} | 16 ^{11/32} | 12 ^{1/8} | Ⓐ | 16 ^{5/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |
| RGVG-10(-)A | 17 ^{1/2} | 16 ^{11/32} | 12 ^{1/8} | Ⓐ | 16 ^{5/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |
| RGVG-10(-)B | 21 | 19 ^{27/32} | 13 ^{7/8} | Ⓐ | 20 ^{1/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |
| RGVG-12 | 24 ^{1/2} | 23 ^{11/32} | 15 ^{5/8} | Ⓐ | 23 ^{5/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |
| RGVG-15 | 24 ^{1/2} | 23 ^{11/32} | 15 ^{5/8} | Ⓐ | 23 ^{5/8} | 1 | 0 | 0 | 2 | 6 | 6Ⓑ |

NOTES: Ⓐ Vent connection as shipped from the factory is 3". Certain installations may require a 3" to 4" or 3" to 5" adaptor.

Ⓑ May be 1" with type "B-1" vent.

Furnaces must be vented in accordance with AGA/GAMA rating guidelines included with each furnace, and in accordance with local codes.

BLOWER PERFORMANCE DATA—HORIZONTAL ONLY MODELS

| MODEL NUMBER | BLOWER SIZE | MOTOR H.P. | BLOWER SPEED | CFM AIR DELIVERY EXTERNAL STATIC PRESSURE INCHES WATER COLUMN | | | | | | |
|------------------------------|-------------|------------|--------------|--|------|------|------|------|------|------|
| | | | | .7 | .6 | .5 | .4 | .3 | .2 | .1 |
| RGVG-05EAUE* RGVG-05NAUER | 11 x 6 | 1/2 | LOW | 575 | 605 | 635 | 680 | 695 | 715 | 735 |
| | | | MED-LO | 895 | 920 | 940 | 955 | 970 | 980 | 990 |
| | | | MED-HI | 1060 | 1085 | 1105 | 1125 | 1150 | 1170 | 1190 |
| | | | HIGH | 1250 | 1290 | 1320 | 1350 | 1390 | 1440 | — |
| RGVG-07EAUE* RGVG-07NAUER | 11 x 6 | 1/2 | LOW | 800 | 820 | 840 | 855 | 870 | 885 | 900 |
| | | | MED | 995 | 1020 | 1045 | 1060 | 1080 | 1095 | 1115 |
| | | | HIGH | 1160 | 1200 | 1235 | 1265 | 1295 | 1320 | 1345 |
| | | | | | | | | | | |
| RGVG-07EAMG* RGVG-07NAMGR | 11 x 7 | 3/4 | LOW | 985 | 1010 | 1025 | 1035 | 1040 | 1045 | 1050 |
| | | | MED-LO | 1105 | 1135 | 1155 | 1170 | 1185 | 1195 | 1205 |
| | | | MED-HI | 1385 | 1425 | 1450 | 1480 | 1510 | 1535 | 1565 |
| | | | HIGH | 1475 | 1525 | 1585 | 1640 | 1690 | 1740 | — |
| RGVG-10EAME* RGVG-10NAMER | 11 x 7 | 1/2 | LOW | 770 | 795 | 810 | 830 | 845 | 860 | 875 |
| | | | MED | 920 | 945 | 970 | 990 | 1010 | 1030 | 1050 |
| | | | HIGH | 1120 | 1120 | 1155 | 1190 | 1220 | 1250 | 1280 |
| | | | | | | | | | | |
| RGVG-10EBRJ* RGVG-10NBRJR | 11 x 10 | 3/4 | LOW | 1095 | 1110 | 1120 | 1125 | 1130 | 1135 | 1140 |
| | | | MED-LO | 1265 | 1285 | 1300 | 1310 | 1315 | 1320 | 1325 |
| | | | MED-HI | 1615 | 1655 | 1680 | 1705 | 1725 | 1735 | 1745 |
| | | | HIGH | 1865 | 1935 | 2010 | 2080 | 2145 | 2200 | — |
| RGVG-12EARJ* RGVG-12NARJR | 11 x 10 | 3/4 | LOW | 1130 | 1140 | 1150 | 1160 | 1170 | 1175 | — |
| | | | MED-LO | 1300 | 1315 | 1330 | 1340 | 1350 | 1355 | 1360 |
| | | | MED-HI | 1665 | 1710 | 1740 | 1760 | 1775 | 1780 | — |
| | | | HIGH | 1895 | 1975 | 2050 | 2120 | 2195 | 2285 | — |
| RGVG-15EARJ* RGVG-15NARJR | 11 x 10 | 3/4 | LOW | 1150 | 1170 | 1175 | 1180 | 1185 | 1190 | 1195 |
| | | | MED-LO | 1300 | 1330 | 1345 | 1360 | 1365 | 1375 | 1385 |
| | | | MED-HI | 1655 | 1695 | 1735 | 1775 | 1800 | 1830 | 1845 |
| | | | HIGH | 1775 | 1847 | 1915 | 1980 | 2045 | 2110 | — |

NOTES: *Designates "R" for U.S. models, and "A" for Canadian models.

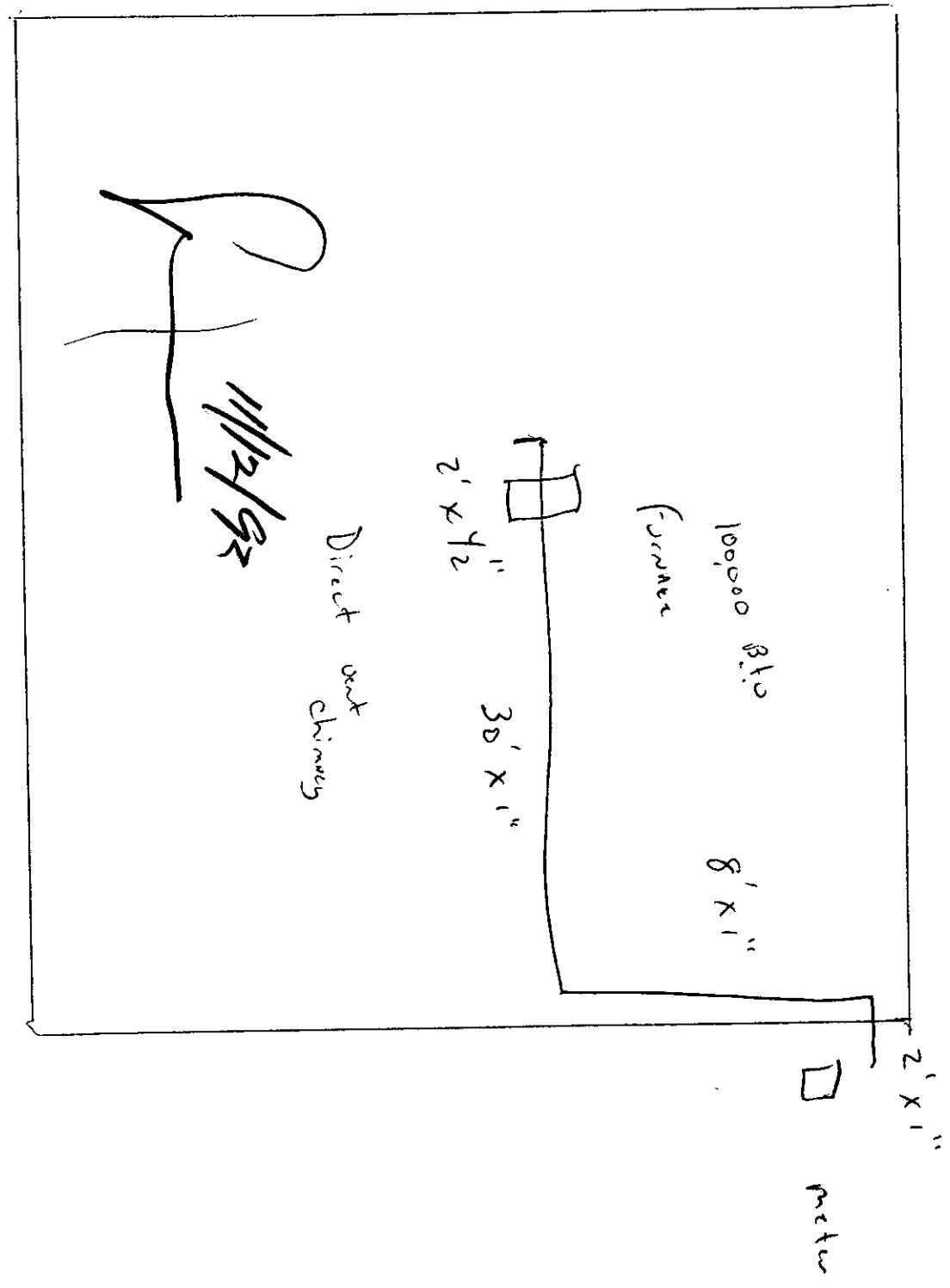
OPTIONAL ACCESSORY

RXPF-E01

FOSSIL FUEL KIT—is for use with Rheem Heat Pumps and Criterion warm air furnaces.

Printers
2241
Lanes mill RD
Bliss town NJ

Front



RECEIVED

MAR 19 1996



CONSTRUCTION PERMIT APPLICATION

Application Complete - Sections I, II, III (optional), IV, VI and VII

V. FEE SUMMARY (for office use only)

| | | | |
|-----------------------------------|---------------|--------|--------|
| 1. Building | \$ <u>20-</u> | Update | Update |
| 2. Electrical | | | |
| 3. Plumbing | | | |
| 4. Fire Protection | | | |
| 5. Elevator Devices | | | |
| 6. Subtotal | \$ <u>20-</u> | | |
| 7. Less 20% for State Plan Review | | | |
| 8. Subtotal | \$ | | |
| 9. DCA Training Fee | \$ <u>0-</u> | | |
| 10. Subtotal | \$ | | |
| 11. Cert. of Occupancy | \$ <u>20-</u> | | |
| 12. Other | | | |
| 13. TOTAL | \$ <u>40-</u> | | |

I. IDENTIFICATION

1. Proposed Work-site at: 2241 LANES MILL RD BRUCK HI

2. Name of Owner in Fee: DONALD + WINTERS Tel. [REDACTED]
 Address: 2241 LANES MILL RD BRUCK HI
street municipality zip code

3. Ownership in Fee: Public Private

4. Principal Contractor: [Signature] Tel. () _____
 Address _____

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
 Federal Emp. No. _____ Social Security No. _____

5. Architect or Engineer _____ Tel. () _____
 Address _____

6. Responsible Person in Charge of Work _____ Tel. () _____

VI. BUILDING/SITE CHARACTERISTICS (office use only)

1. Number of Stories 2

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. Construction Classification _____

7. Total Land Area Disturbed _____ sq. ft.

8. Flood Hazard Zone _____

9. Base Flood Elevation _____ ft.

10. Wetlands yes _____ sq. ft.
 no _____

11. Max. Live Load _____

12. Max. Occupancy Load _____

II. PROPOSED WORK

1. Minor work (single trade)

2. Small Job (\$5,000 and no prior approvals)

3. New Building

4. Addition

5. Alteration

6. Fire Protection

7. Plumbing

8. Electrical

9. Elevator Devices

10. Asbestos Abatement

11. Demolition

TOTAL COSTS 500

William Paul

OPTIONAL (for office use only)

| Plans Rec'd By | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates Approval | Rejection | Re-viewer |
|--------------------|----------------|----------------|----------------|------------|-----------------------------|-----------|-----------|
| <u>[Signature]</u> | <u>3-19-96</u> | | <u>3-19-96</u> | <u>APC</u> | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

III. DO YOU WANT: (optional) 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

8. Smoke Control Systems in Open Wells

9. Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. Hotels (R-1)

2. Multi-Family (R-2)

3. Two-Family (R-3) BOC

4. Two-Family (R-4) CAB

5. One-Family (R-3) BOC

6. One-Family (R-4) CAB

No of dwelling units:
 Before Construction _____
 After Construction _____
 Net gain or loss _____

B. NON-RESIDENTIAL

1. State Specific Use:

2. Use Group:

3. Change in Use Group, Indicate Former:

LDS BR 10316927

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

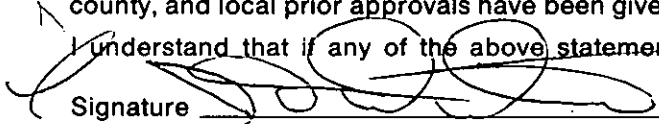
I further certify that I will perform the following work:

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 3/19/96

II. AGENT SECTION

(to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the New Jersey 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 _____ Date _____

OFFICE DATE RECEIVED: _____

| VIII. PRIOR APPROVALS CHECKLIST (office use only) | LOCAL APPROVAL | | COUNTY APPROVAL | | REGIONAL APPROVAL | | STATE APPROVAL | | COMMENTS |
|---|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|----------|
| | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | |
| <input type="checkbox"/> Zoning Officer | | | | | | | | | |
| <input type="checkbox"/> Planning Board | | | | | | | | | |
| <input type="checkbox"/> Zoning Board | | | | | | | | | |
| <input type="checkbox"/> Sewer Authority | | | | | | | | | |
| <input type="checkbox"/> Water Authority | | | | | | | | | |
| <input type="checkbox"/> Fire Department | | | | | | | | | |
| <input type="checkbox"/> Police Department | | | | | | | | | |
| <input type="checkbox"/> Health Department | | | | | | | | | |
| <input type="checkbox"/> Soil Conservation | | | | | | | | | |
| <input type="checkbox"/> N.J. Dept. of Community Affairs | | | | | | | | | |
| <input type="checkbox"/> N.J. Department of Transportation | | | | | | | | | |
| <input type="checkbox"/> N.J. Dept. of Environmental Protect. | | | | | | | | | |
| <input type="checkbox"/> Utility Dig No. | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition _____ Name of Code & Edition _____

Building _____ Energy _____ Other _____

Electrical _____ Barrier Free _____

Plumbing _____ Flood Hazard _____

Fire Protection _____ As Built Elevation Cert. _____

Mechanical _____ Other _____

X. CERTIFICATES ISSUED (office use only)

| CERTIFICATE TYPE | DATE ISSUED | DATE EXPIRED | DATE REISSUED | DATE EXPIRED |
|--|-------------|--------------|---------------|--------------|
| <input type="checkbox"/> Temporary Certificate of Occupancy | No. _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Temporary Certificate of Compliance | No. _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Continued Certificate of Occupancy | No. _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Compliance | No. _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Occupancy | No. _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Approval | No. _____ | _____ | _____ | _____ |



CONSTRUCTION PERMIT

Date Issued 3/19/96
Control #
Permit # 353-96

IDENTIFICATION Block 1386.01 Lot 1

Work Site Location 2241 LANES MILL RD Contractor SAME
Address _____ #0003**

Owner in Fee WINNERS Address 2241 LANES MILL Tele. () _____ BLOCK _____ 0.00
BTCK NJ

Lic. No. or Bldrs. Reg. No. _____ Exp. Date 1386.01 # _____ 0.00
Federal Emp. No. _____ LOT
or Social Security No. _____ 1 #

is hereby granted permission to perform the following work:

- BUILDING PLUMBING OTHER
- ELECTRICAL FIRE PROTECTION
- ELEVATOR DEVICES

DESCRIPTION OF WORK:

ING.
DEMO - POOL

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 \$ 500 -

[Signature]
CONSTRUCTION OFFICIAL

| PAYMENTS (Office Use Only) | | |
|----------------------------|--------------------|--------------|
| Building | <u>20 -</u> | TOTAL 40.00 |
| Plumbing | | CHARGE 40.00 |
| Electrical | | CHARGE 0.00 |
| Fire Protection | <u>NO F</u> | CHARGE 10.16 |
| Other | | |
| Other | | |
| DCA Training Fee | | |
| Cert. of Occ. | <u>20 -</u> | |
| Other | | |
| Total | <u>\$ 40 -</u> | |
| Check No. | <u>1438</u> | |
| Cash | | |
| Collected By: | <u>[Signature]</u> | |

RECEIVED

MAR 19 1996



Date Received 3/19/96
Date Issued
Control #
Permit # 353-940

DIV. OF INSPECTION

A. IDENTIFICATION - APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1900.

Block 1386.0/ Lot 1386.0/1
Work Site Location 2341 LANES MILL RD
Owner in Fee DONALD T WINDERS
Address 2341 LANES MILL RD

Contractor [Redacted]
Address
Tele. [Redacted]
Federal Emp. No. _____ or Social Security No. _____

Lic. No. of Bldrs. Reg. No. _____
Federal Emp. No. _____ or Social Security No. _____

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Failure | Dates (Month/Day) | Initial |
|--|---------|---------|-------------|---------|-------------------|---------|
| <input checked="" type="checkbox"/> No Plans Req. | | | Type: | | | |
| <input type="checkbox"/> All | 3-19-96 | | Footing | | | |
| <input type="checkbox"/> Footing | | | Foundation | | | |
| <input type="checkbox"/> Foundation | | | Slab | | | |
| <input type="checkbox"/> Frame | | | Frame | | | |
| <input type="checkbox"/> Other | | | Insulation | | | |
| Joint Plan Review Required: | | | Finishes: | | | |
| <input type="checkbox"/> Elec. <input type="checkbox"/> Plumbing <input type="checkbox"/> Fire | | | Energy | | | |
| SUBCODE APPROVAL | | | Mechanical | | | |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO <input type="checkbox"/> CA | | | TCO | | | |
| Date: _____ | | | Other | | | |
| Approved By: _____ | | | Final | | | |

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. | _____ Ft. | 3. Total (1+2) \$ _____ |
| Area - Largest Floor | _____ Sq. Ft. | _____ Sq. Ft. | |
| New Bldg. Area/All Floors | _____ Sq. Ft. | _____ Sq. Ft. | |
| Volume of New Structure | _____ Cu. Ft. | _____ Cu. Ft. | |
| Total Land Area Disturbed | _____ Sq. Ft. | _____ Sq. Ft. | |

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
fill in ring road 20x40
Debris, debris, dirt

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

| | |
|---|-----------------------------------|
| Paid <input type="checkbox"/> Check # _____ | Administrative Surcharge \$ _____ |
| Collected by: _____ | Minimum Fee \$ _____ |
| | DCA TRAINING FEE \$ _____ |
| | TOTAL FEE \$ _____ |

Township of Howell
Preventorium Road - P.O. Box 580
Howell, New Jersey 07731



CONSTRUCTION PERMIT APPLICATION

Costly 2/14

C80-13

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

I. IDENTIFICATION

1. Proposed Work Site at: 2247 Lanes Mills Rd

2. Name of Owner in Fee: Donald Winkler Tel. [REDACTED]
Address 2247 Lanes Mills Rd
street municipality zip code

3. Ownership in Fee: Public _____ Private

4. Principal Contractor: NOVA Htg & AC Tel. 732-938-4314
Address PO Box 5330 Howell NJ
License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
Federal Employee No. 222848910 FAX: (_____) _____

5. Architect or Engineer: _____ Tel. (_____) _____
Address _____

6. Responsible Person in Charge of Work: David Kirk
Tel. 732-938-4314 FAX 732-938-2247

Replace Furnace

V. FEE SUMMARY (for office use only)

| | | Update | Update |
|-----------------------------------|----|-----------|--------|
| 1. Building | \$ | | |
| 2. Electrical | \$ | <u>44</u> | |
| 3. Plumbing | \$ | | |
| 4. Fire Protection | \$ | <u>46</u> | |
| 5. Elevator Devices | \$ | | |
| 6. Subtotal | \$ | | |
| 7. Less 20% for State Plan Review | \$ | | |
| 8. Subtotal | \$ | | |
| 9. DCA Training Fee | \$ | <u>1</u> | |
| 10. Subtotal | \$ | | |
| 11. Cert. of Occupancy | \$ | | |
| 12. Other | \$ | | |
| 13. TOTAL | \$ | <u>91</u> | |

VI. BUILDING/SITE CHARACTERISTICS (office use only)

- Number of Stories _____
- Height of Structure _____ ft.
- Area — Largest Floor _____ sq. ft.
- New Building Area _____ sq. ft.
- Volume of New Structure _____ cu. ft.
- Construction Classification _____
- Total Land Area Disturbed _____ sq. ft.
- Flood Hazard Zone _____
- Base Flood Elevation _____ ft.
- Wetlands yes _____
no _____
- Max. Live Load _____
- Max. Occupancy Load _____

II. PROPOSED WORK

| | Est. Cost | OPTIONAL (for office use only) | | | | | | |
|--|----------------|--------------------------------|------------|----------------|---------------|-----------|---------------------------------------|-----------|
| | | Plans Rec'd by | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates Approval Rejection | Re-viewer |
| 1. <input type="checkbox"/> Minor Work | | | | | | | | |
| 2. <input type="checkbox"/> New Building | | | | | | | | |
| 3. <input type="checkbox"/> Addition | | | | | | | | |
| 4. <input type="checkbox"/> Alteration | | | | | | | | |
| 5. <input checked="" type="checkbox"/> Fire Protection | <u>1000.00</u> | | | | <u>2-4-04</u> | <u>JK</u> | | |
| 6. <input checked="" type="checkbox"/> Plumbing | <u>1500.00</u> | | | | | | | |
| 7. <input checked="" type="checkbox"/> Electrical | <u>100.00</u> | | | | <u>2-3-04</u> | <u>WJ</u> | | |
| 8. <input type="checkbox"/> Elevator Devices | | | | | | | | |
| 9. <input type="checkbox"/> Asbestos Abat. Subch. 8 | | | | | | | | |
| 10. <input type="checkbox"/> Lead Hazard Abatement | | | | | | | | |
| 11. <input type="checkbox"/> Demolition | | | | | | | | |
| TOTAL COSTS | <u>2600.00</u> | | | | | | | |

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

- Hotels (R-1)
- Multi-Family (R-2)
- Two-Family (R-3) BOCA
- Two-Family (R-4) CABO
- One-Family (R-3) BOCA
- One-Family (R-4) CABO

No. of dwelling units:
Before Construction _____
After Construction _____
Net Gain or Loss _____

B. NON-RESIDENTIAL

- State Specific Use: _____
- Use Group: _____
- Change in Use Group, Indicate Former: _____

III. DO YOU WANT: (optional)

- Partial Releases
- Prototype Processing

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

- Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
- High Pressure Boilers
- Pressure Vessels
- Refrigeration Systems
- Cross-Connections/Backflow Preventers
- Hazardous Uses/Places of Assembly
- Sprinklers
- Smoke Control Systems in Open Wells
- Underground Storage Tanks

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 Moran Air Cond + Heating

Address PO BOX 533

Howell NJ 07731

Telephone 732-938-4314

Signature [Signature]

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

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 02/04/2004
Control #
Permit # 04-0282

NEW JERSEY
CONSTRUCTION
PERMIT

IDENTIFICATION Block 1386.01 Lot 1 Sub 1

Work Site Location 2241 LANES HILL RD
NEPL FURNACE
Owner In Fee WINTERS, DON
Address SAME
BRICK, NJ 08724
Telephone [REDACTED]

Contractor NOVA A/C
Address 90 BOX 533
HOWELL, NJ 07721
Telephone 17321938-6314
Lic. No. or Bidr. Reg. No.
Federal Emp. No. 14-4502191

Is hereby granted permission to perform the following work:

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

DESCRIPTION OF WORK:
REPLACE FURNACE

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 \$ 1,100

D.F. [Signature]
Construction Official

Date

U.C.C. F170 (rev. 3/78) NJ DECSAS 5.204E

PAYMENTS (Office Use Only)

| | |
|----------------------|-------|
| Building | 0 |
| Electrical | 44 |
| Plumbing | 0 |
| Fire Protection | 46 |
| Elevator Devices | 0 |
| Other | |
| NCA State Permit Fee | 1 |
| Cert. of Occupancy | 0 |
| Other | |
| Total | 91 |
| Check No. | 10450 |
| Cash | |
| Collected By | JB |

02/04/04 3:07PM 00000004698
**06 SERV.006
#040282
ELECTRIC
FIRE
004
CHECK
\$44.00
\$46.00
\$1.00
\$91.00

Township of Howell
 1386.01
 1386.01
 1386.01



FIRE 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 1386.01
 Work Site Location 2414 Hanes Mills Rd
 Owner in Fee Donald Dinkler
 Address 2414 Hanes Mills Rd
 Tele. (932) 938 9318 Fax 932 938 2247
 Lic. No. _____
 Federal Emp. No. 222848910

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present _____ Proposed _____
 Constr. Class Present _____ Proposed _____
 Heating Systems New Existing HVAC
 Type: Gas Oil Electric Solar
 Other _____
 Location: _____
 Total Cost of Fire Protection Work \$ 100.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
 No Plans Required
 Joint Plan Review Required:
 Building Plumbing
 Electric Elevator
 Fire Plans Approved
 Date: 2-4-04
 Approved by: [Signature]
 SUBCODE APPROVAL
 CO CCO CA
 Date: _____
 Approved by: _____

INSPECTIONS
 Type: _____
 Alarm System _____
 Suppression Sys. _____
 Standpipe _____
 Fire Pump _____
 Pre-Eng. System _____
 Mechanical _____
 Smoke Control _____
 TCO _____
 Final _____
 Other _____

Dates (Month/Day)
 Failure _____ Approval _____ Initial _____

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



Date Received _____
 Date Issued _____
 Control # _____
 Permit # _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Gas furnace Replacement
 Water Supply Source _____
 Method of Alarm/Suppression System Supervision _____

Storage Tanks
 Type: Flammable Liquid Combustible Liquid
 LPG LNG Capacity _____ Fuel _____
Alarm Systems 110v Interconnected **NUMBER** _____
 System _____
Alarm Devices (i.e., smoke, heat, pulls, water/flow) _____
Supervisory Devices (i.e., tampers, low/high air) _____
Signaling Devices (i.e., horn/strobes, bells) _____
 Other Devices _____
TOTAL _____
Suppression Systems
 Fire Pump _____ GPM Type _____
 Dry Pipe/Alarm Valves _____
 Pre-action Valves _____
 Sprinkler Heads (Dry and Wet) _____
 Standpipes _____
Pre-engineered Systems
 Wet Chemical _____
 Dry Chemical _____
 CO₂ Suppression _____
 Foam Suppression _____
 Halon Suppression _____
 Other _____
 Kitchen Hood Exhaust System _____
 Smoke Control System _____
 Gas or Oil Fired Appliances _____
 Other FURNACE REPLACEMENT

FEE (Office Use Only)

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

Township of Howell
Prevention Road - P.O. Box 580
Howell, New Jersey 07731



**FIRE
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 1386.01 Lot
Work Site Location 2112 Hanes Mills Rd
Owner in Fee Bucking 08723
Address 2112 Ronald Bunting
Dr. H. n.s.
Tele. (732) 938 4314 07731
Lic. No. 222848910
Federal Emp. No. 222848910

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present _____ Proposed _____
Constr. Class Present _____ Proposed _____
Heating Systems [] New [] Existing [] HVAC
Type: [] Gas [] Oil [] Electric [] Solar
[] Other _____
Location: _____
Fire Alarm System New [] Existing []
Location of Panel: _____
Fire Suppression/Standpipe System New [] Existing []
Location of Main Control Valve: _____

Total Cost of Fire Protection Work \$ 1000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
 No Plans Required
 Joint Plan Review Required:
 Building [] Plumbing
 Electric [] Elevator
 Fire Plans Approved
 Date: _____
 Approved by: _____
SUBCODE APPROVAL
 CO [] CCO [] CA
 Date: _____
 Approved by: _____

INSPECTIONS
 Type:
 Alarm System _____
 Suppression Sys. _____
 Standpipe _____
 Fire Pump _____
 Pre-Eng. System _____
 Mechanical _____
 Smoke Control _____
 TCO _____
 Final _____
 Other _____

Dates (Month/Day)
 Failure _____ Approval _____ Initial _____

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]



Date Received
Date Issued
Control #
Permit #

2-4-01
040282

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Gas Furnace Replacement

Water Supply Source _____
Method of Alarm/Suppression System Supervision _____

Storage Tanks

Type: [] Flammable Liquid [] Combustible Liquid
[] LPG [] LNG Capacity _____ Fuel _____

Alarm Systems [] 110v Interconnected NUMBER
[] System

Alarm Devices (i.e., smoke, heat, pulls, water/flow) _____

Supervisory Devices (i.e., tampers, low/high air) _____

Signaling Devices (i.e., horn/strobes, bells) _____

Other Devices _____

TOTAL _____

Suppression Systems

Fire Pump _____ GPM Type _____

Dry Pipe/Alarm Valves _____

Pre-action Valves _____

Sprinkler Heads (Dry and Wet) _____

Standpipes _____

Pre-engineered Systems

Wet Chemical _____

Dry Chemical _____

CO₂ Suppression _____

Foam Suppression _____

Halon Suppression _____

Other _____

Kitchen Hood Exhaust System _____

Smoke Control System _____

Gas [] or Oil [] Fired Appliances _____

Other FURNACE KILLER

FEE (Office Use Only)

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

UCCARS5.24E

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 01/29/2004
Date Issued 2/14/04
Control # C86-13
Permit # 04-0282

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

Block 1386.01 Lot 1 Qual
Work Site Location 2241 LAKES HILL RD
REPL FURNACE
Owner in Fee WINTERS, DON
Address SAME
RPT# NJ 08724-
CONTRACTOR NUVA A/C
Address PO BOX 533
HOWELL, NJ 07731-
Tele. (732)938-4314
Lic. No. or Hldr. Reg. No.
Federal Exp

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed R-5
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
[] Plans Review Required:
Joint Plan Review Required:
[] Blgd [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 2/3/04
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: _____
Approved By: _____

INSPECTIONS

Type Failure Dates (Month/Day)
Rough Failure Approval Initial
Temp Serv
Const Serv
ICO
Other
Service
Final
Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued

C. CERTIFICATION IN LIEU OF OATH

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

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

| ITRM | NO. | SIZE | 35 |
|--------------------------------|-----|------|----|
| Lighting Fixtures | 0 | | |
| Receptacles | 0 | | |
| Switches | 1 | | |
| Detectors | 0 | | |
| Light Poles | 0 | | |
| Motors-Tract HP | 0 | | |
| Emergency & Exit Lights | 0 | | |
| Communications Points | 0 | | |
| Alarms Devices/F.A.C. Panel | 0 | | |
| TOTAL NUMBERS | 1 | | 35 |
| Pool Permit/with UM Lights | 0 | | |
| Storable Pool/Spa/Hot tub | 0 | | |
| KW Elect Range/Receptacle | 0 | | |
| KW Oven/Surface Unit | 0 | | |
| KW Elect Water Heater | 0 | | |
| KW Elect Dryer/Receptacle | 0 | | |
| KW Dishwasher | 0 | | |
| HP Garbage Disposal | 0 | | |
| KW Central A/C Unit | 0 | | |
| HP/KW Space Heater/Air Handler | 1 | 3 | 9 |
| Baseboard Heat | 0 | | |
| HP Motors 1/+ HP | 0 | | |
| KW Transformer/Generator | 0 | | |
| AMP Service | 0 | | |
| AMP Subpanels | 0 | | |
| AMP Motor Control Center | 0 | | |
| KW Elect Sign/Outline Light | 0 | | |
| Other | 0 | | |
| Other | 0 | | |

| | | |
|--------------------------|----|----|
| Administrative Surcharge | \$ | 0 |
| Minimum Fee | \$ | 0 |
| TOTAL FEE | \$ | 44 |
| DCA State Permit Fee | \$ | 0 |

Paid [] Check #
Collected by:

UCCARS5.24E

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 01/29/2004
Date Issued 2/14/04
Control # C86-13
Permit # 04-0282

FEE (Office Use Only)

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

Block 1386.01 Lot 1 Qual
Work Site Location 2241 LANES HILL RD
REP. FURNACE
Owner in Fee WINTERS, DON
Address SAME
BRICK, NJ 08774-
Contractor NOVA A/C
Address PO BOX 533
HOBELL, NJ 07731-
Tele. (732)938-4314
Lic. No. or Eldrs. Reg. No.
Federal Emp.

B. ELECTRICAL CHARACTERISTICS
Use Group - Present Proposed R-5
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 100

JOB SUMMARY (Office Use Only)
PLAN REVIEW

INSPECTIONS Dates (Month/Day)
Type Failure Approval Initial
Rough
Temp Serv
Const Serv
TCO
Other
Service
Final
Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued

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's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

| ITEM | NO. | SIZE | |
|--------------------------------|-----|------|----|
| Lighting Fixtures | 0 | | |
| Receptacles | 0 | | |
| Switches | 1 | | |
| Detectors | 0 | | |
| Light Poles | 0 | | |
| Motors-Pract HP | 0 | | |
| Emergency & Exit Lights | 0 | | |
| Communications Points | 0 | | |
| Alarm Devices/V.A.C. Panel | 0 | | |
| TOTAL NUMBERS | 1 | | 35 |
| Pool Permit/with UW Lights | 0 | | 0 |
| Storable Pool/Spa/Hot Tub | 0 | | 0 |
| KW Elect Range/Receptacle | 0 | | 0 |
| KW Oven/Surface Unit | 0 | | 0 |
| KW Elect Water Heater | 0 | | 0 |
| KW Elect Dryer/Receptacle | 0 | | 0 |
| KW Dishwasher | 0 | | 0 |
| HP Garbage Disposal | 0 | | 0 |
| KW Central A/C Unit | 0 | | 0 |
| HP/KW Space Heater/Air Handler | 1 | 3 | 0 |
| Baseboard Heat | 0 | | 0 |
| HP Motors 1/+ HP | 0 | | 0 |
| KW Transformer/Generator | 0 | | 0 |
| AMP Service | 0 | | 0 |
| AMP Subpanels | 0 | | 0 |
| AMP Motor Control Center | 0 | | 0 |
| KW Elect Sign/Outline Light | 0 | | 0 |
| Other | | | 0 |
| Other | | | 0 |

Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 44
DCA State Permit Fee \$ 0
Paid [] Check #
Collected by:

Township of Brick

Counter Form (PLEASE PRINT)

Site Location: 2242 Lanes mill RD Brick
Block: 1386.01 Lot: 1
Owner's Name: Winters
Owner's Mailing Address: 2242 Lanes mill RD
BR: 11 NJ
Phone: [REDACTED]

BUILDING

Contractor: _____
Address: _____
Phone#: _____
Lis # _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Gas Furnace
Replacement

Type of Work

New Building Siding
 Addition Fence
 Alteration Pool
 Roofing Demolition
 Asbestos Abatement Sign _____ sq ft
 Fireplace wd/gas

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Structure: _____
Volume of New Structure: _____
Total Land Disturbed: _____
Cost of Alteration: \$ _____
Cost of New Building: \$ _____
Cost of Site Work \$ _____

Total Cost of New Building Work: \$ _____

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

Signature: _____
Please Print Name _____

ELECTRICAL

Contractor: Nova ALC
Address: Po Box 533
Howell NJ
Phone#: _____
Lis # _____
Federal Emp # or SSN [REDACTED]

Technical Data

| Item | Quantity |
|-------------------------|----------|
| Lighting Fixtures | _____ |
| Receptacles | _____ |
| Switches | <u>1</u> |
| Detectors | _____ |
| Light Poles | _____ |
| Motors w/ Fract. HP | _____ |
| Emergency & Exit Lights | _____ |
| Communication Points | _____ |
| Alarm Devices/FAC Panel | _____ |
| Total | _____ |

Pool (Receptacles, Switches, Lights, Motor 1HP) _____
Spa/Hot Tub/Storable Pool _____
Electric Range _____ KW
Oven/Surface Unit _____ KW
Electric Water Heater _____ KW
Electric Dryer _____ KW
Dishwasher _____ KW
Garbage Disposal _____ HP
A/C Unit - Central Air _____ KW
Space Heater/Air Handler _____ KW
Baseboard Heating _____ KW
Motors 1+ HP _____
Transformer/Generator _____ KW
Light Stander _____ AMP
Service _____ AMP
Subpanel _____ AMP
Motor Control Center _____ AMP
Sign/Outline Light _____ KW
1 - Furnace 75000 Btu Gas
Steam Boiler _____
Other: _____

Estimated Cost of Electrical Work: 100.00

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

Signature: Dave Kirk
Please Print Name Dave Kirk

CONTRACTOR'S SEAL

**Counter Form
PLEASE PRINT**

PLUMBING

FIRE

Contractor: _____
 Address: _____

 Phone #: _____
 Lis #: _____
 Federal Emp # or SSN _____

Contractor: _____
 Address: _____

 Phone #: _____
 Lis #: _____
 Federal Emp # or SSN _____

Technical Data

| Fixtures | Quantity |
|--|----------|
| Water Closets (Toilet) _____ | |
| Urinals/Bidets _____ | |
| Bath Tub (w/or w/out shower head) _____ | |
| Lavatory (BR Sink) _____ | |
| Shower _____ | |
| Floor Drain _____ | |
| Sink _____ | |
| Dishwasher _____ | |
| Drinking Fountain _____ | |
| Washing Machine _____ | |
| Hose Bib _____ | |
| Gas Piping _____ | |
| Fuel Oil Piping _____ | |
| Water Heater _____ | |
| Steam Boiler _____ | |
| Hot Water Boiler _____ | |
| Sewer Pump _____ | |
| Interceptor/Separator _____ | |
| Backflow Preventer _____ | |
| Greasetrap _____ | |
| Air Conditioner (Condensate Drain) _____ | |
| Septic Tank Closure _____ | |
| Sewer Service Connection _____ | |
| Water Service Connection _____ | |
| Active Solar System _____ | |
| Auxiliary Meter _____ | |
| Sprinkler Heads _____ | |
| Sump Pump _____ | |
| Pool Heater _____ | |
| Other: _____ | |

Estimated Cost of Plumbing Work _____

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

Signature: _____

Please Print Name: _____

CONTRACTOR'S SEAL

Technical Data

Description of Work: _____

Heating Type: Gas Oil Electric Solar
 Heating System is New Existing
 Location of Furnace/Boiler: _____
 Water Supply Source _____
 Method of Valve Supervision _____
 Local Alarm Supervision _____
 Central Supervision: _____
 Proprietary Supervision: _____
 Flammable Storage Tanks _____ capacity _____ fuel
 Combustible Storage Tanks _____ capacity _____ fuel
 LPG Storage Tanks _____ capacity _____ fuel

| Item | Quantity |
|---------------------------|----------|
| Wet Sprinkler Heads _____ | |
| Dry Sprinkler Heads _____ | |
| Total _____ | |
| Smoke Detectors _____ | |
| Heat Detectors _____ | |
| Total _____ | |

Stand Pipes _____
 Kitchen Hood Exhaust System _____

Pre-Engineered Systems:
 CO2 Suppression _____
 Halon Suppression _____
 Foam Suppression _____
 Dry Chemical _____
 Wet Chemical _____

Gas/ Oil Fired Appliances:
 Gas Stove _____
 Gas Dryer _____
 Furnace (Gas or Oil) _____
 Gas Fireplace _____
 Gas Logs _____
 Total Appliances _____

Wood Burning Stove _____
 Wood Fireplace _____
 Other: _____

Estimated Cost of Fire Work _____

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

Signature: _____

Print Name: _____

CHIMNEY CERTIFICATION FOR REPLACEMENT OF FUEL FIRED EQUIPMENT

BLOCK: _____ LOT: _____ PERMIT #: _____

WORKSITE ADDRESS: 2242 Lanes Mills Rd

CERTIFYING INDIVIDUAL (PRINT NAME)

Name: David Kirk
Address: 181 Tynpat
Street: PO BOX 533 Rd.
State: New Jersey

COMPANY

Name: NVA Air Conditioning & Heating
City: Howell
Zip: 07731
Phone# 732 938 4314

CHECK THE APPROPRIATE BOX

TYPE OF REPLACEMENT

- Oil to Gas Conversion
- Gas appliance Replacement
- Oil to Oil Replacement
- Other (describe): _____

EXISTING VENT/CHIMNEY:

- B label vent
- L label vent
- Masonry chimney-tile lined
- Flexible liner
- Other (describe): P.V.C

PLEASE SIGN ONE OF THE FOLLOWING CERTIFICATION STATEMENTS
CERTIFICATION

FOR OIL TO GAS CONVERSIONS:

I hereby certify that the chimney/vent is free and clear of obstruction and is substantially clean of residue from its previous use serving an oil appliance. I further certify that the chimney/vent is appropriately lined and sized for the appliance being installed.

Signature Date

OIL TO OIL OR GAS TO GAS REPLACEMENTS

I hereby certify that the existing chimney/vent is free and clear of obstruction. I further certify that the existing chimney/vent is appropriately lined and sized for the appliance being installed.

Signature Date

CERTIFICATION NOT SUBMITTED:

I choose not to submit a certification. I understand that I will be required to be present for the inspection to remove and reinstall the chimney vent connector.

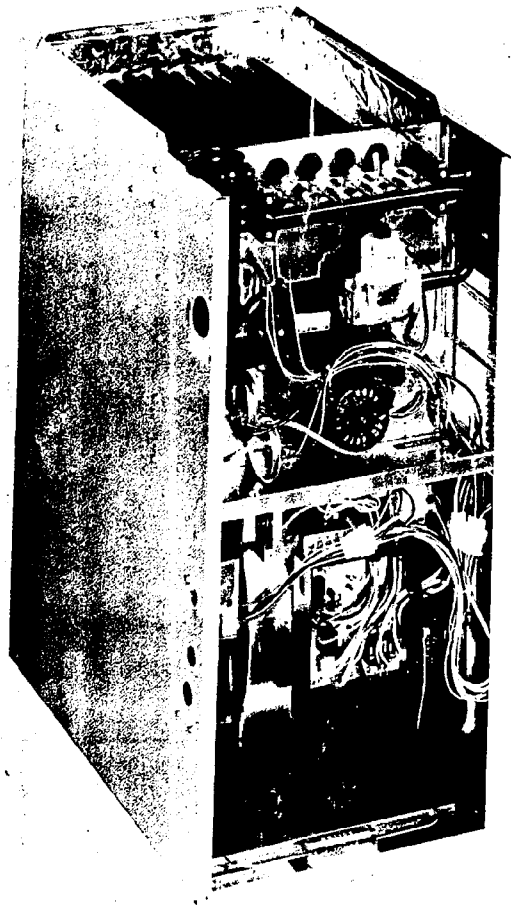
Signature Date

DIRECT VENT APPLIANCE:
NO CERTIFICATION REQUIRED:

Signature Date

THIS FORM MUST BE RETURNED TO THE CODE ENFORCEMENT OFFICE PRIOR TO FINAL INSPECTION.

LEARNING CENTER



**34" 90 PLUS CONDENSING
GAS FURNACE**

INSTALLATION REQUIREMENTS

SAFETY RULES AND HELPFUL INFORMATION

Caution: TO ENSURE PROPER INSTALLATION AND OPERATION OF THIS PRODUCT, COMPLETELY READ ALL INSTALLATION INSTRUCTIONS PRIOR TO ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE, MAINTAIN OR REPAIR THE PRODUCT.

SAFETY RULES

1. Do not install this furnace in a mobile home, trailer, or recreational vehicle.
2. Use only the type of gas listed for this furnace. (See rating plate.) Overfiring or underfiring can result in heat exchanger failure and causes dangerous operation.
3. This furnace must be connected only to the listed vent system to carry combustion products outdoors as described in the Vent Pipe Installation section.
4. This furnace must be connected to the listed combustion air supply system to bring combustion air from the outdoors directly to the furnace.
5. Never test for gas leaks with an open flame. Use soap suds or an electronic combustible gas detector to check all connections. This eliminates the possibility of fire or explosion.
6. Make sure supply and return air ducts are sealed to the furnace casing.

HELPFUL INFORMATION

Obtain the latest editions of standard codes to provide additional information for installation. A list of these booklets and addresses for obtaining them follow.

ANSI Z223.1 - National Fuel Gas Code (NFPA 54)

ANSI/NFPA No. 70 - National Electric Code or current editions

American National Standards Institute

1430 Broadway
New York, New York 10018

NFPA-90A - Installation of Air Conditioning and Ventilating Systems

NFPA-50B - Warm Air Heating and Air Conditioning Systems

National Fire Protection Association, Inc.

Batterymarch Park
Quincy, Massachusetts 02269

CAN/CGA-B149.1-M86 - Propane Gas Installation Code

Canadian Gas Association
55 Scarsdale Road
Don Mills, Ontario
CANADA M3B 2R3

INSTALLATION PROCEDURES

The 34" 90 Plus furnaces are design certified to A.G.A./C.G.A. for use with natural and propane gases as follows:

1. As central forced air furnaces taking combustion air from the installation area or using air ducted from the outside.
2. As direct vent central forced air furnaces with all combustion air supplied directly to the burners through a special air intake system outlined in this manual.

WARNING: IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER FOR INFORMATION OR ASSISTANCE.

Install this furnace in accordance with the American National Standard Z223.1 - latest edition entitled *National Fuel Gas Code (NFPA-54)* and requirements or codes of the local utilities or other authorities having jurisdiction. Canadian installations must be installed in accordance with *CAN/CGA B149 Installation Codes for Gas Burning Appliances*, local installation codes and authorities having jurisdiction.

IMPORTANT: This furnace is not intended for use in a building under construction. If furnace operation is required during construction, provisions should be made to ensure clean outside air for combustion and ventilation. This furnace can be severely damaged due to the abnormal environment caused by construction. Air laden with compounds of chlorine and fluorine, when burned during combustion, form acids which cause heat exchanger corrosion.

Some of these compounds are: paneling, dry wall, floor and tile adhesives, paints, stains and varnishes, solvents and masonry cleaning materials. Sheet rock dust can destroy motor bearings, clog filters and damage electrical controls. Low return air temperature can cause condensation in the furnace and damage internal parts which can shorten the furnace life.

Township of Howell
 Pleasanton Road, P.O. Box 580
 Howell, New Jersey 07731



PLUMBING 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 1386-01
 Work Site Location 2442 Lanes Mills Rd
 Owner in Fee Donald Winters
 Address 2442 Lanes Mills Rd
Truck N.J. 08723
 Tel# [REDACTED]
 Contractor NOVA HU + COND + Heating
 Address PO BOX 533
Howell NJ 07731
 Tele. 732 938 4324 Fax 732 938 2247
 Lic. No. [REDACTED]
 Federal Emp. No. [REDACTED]

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
 Building Sewer Size _____ Public Sewer _____ Private Septic _____
 Water Service Size _____ Public Water _____ Private Well _____
 Est. Cost of Plumbing Work \$ 1500.00

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | | INSPECTIONS | | Dates (Month/Day) | |
|--|-----------------------------------|-----------------------------|----------|-------------------|---------|
| Type: | Slab | Failure | Approval | Failure | Initial |
| <input type="checkbox"/> No Plans Required | | | | | |
| Joint Plan Review Required: | | | | | |
| <input type="checkbox"/> Building | <input type="checkbox"/> Electric | | | | |
| <input type="checkbox"/> Fire | <input type="checkbox"/> Elevator | | | | |
| <input type="checkbox"/> Plumbing Plans Approved | | | | | |
| Date: | | | | | |
| Approved by: | | | | | |
| SUBCODE APPROVAL | | | | | |
| <input type="checkbox"/> CO | <input type="checkbox"/> CCO | <input type="checkbox"/> CA | | | |
| Date: | | | | | |
| Approved by: | | | | | |

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.

Signature [Signature] Contractor's Seal _____

Licensed Plumbing Contractor Exempt Applicant



D. TECHNICAL SITE DATA (List of all fixtures.)

| NO. | FIXTURE/EQUIPMENT | Date Received | Date Issued | Control # | Permit # | FEE (Office Use Only) |
|-----|------------------------------|---------------|-------------|-----------|----------|-----------------------|
| | Water Closet | | | | | |
| | Urinal/Bidet | | | | | |
| | Bath Tub | | | | | |
| | Lavatory | | | | | |
| | Shower | | | | | |
| | Floor Drain | | | | | |
| | Sink | | | | | |
| | Dishwasher | | | | | |
| | Drinking Fountain | | | | | |
| | Washing Machine | | | | | |
| | Hose Bibb | | | | | |
| | Water Heater | | | | | |
| | Fuel Oil Piping | | | | | |
| | Gas Piping | | | | | |
| | Steam Boiler | | | | | |
| | Hot Water Boiler | | | | | |
| | Sewer Pump | | | | | |
| | Interceptor/Separator | | | | | |
| | Backflow Preventer | | | | | |
| | Greasetrap | | | | | |
| | Sewer Connection | | | | | |
| | Water Service Connection | | | | | |
| | Stacks | | | | | |
| | Other <u>Replace Furnace</u> | | | | | |
| | Other _____ | | | | | |
| | Other _____ | | | | | |

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

Township of Howell
 Preventorium Road, P.O. Box 580
 Howell, New Jersey 07731



**PLUMBING
 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 1386-01
 Work Site Location 244 Lanes Mills Rd
 Owner in Fee Donald Winters
 Address 244 Lanes Mills Rd
Brick NJ 08723
 Contractor NOVA HU + Cond + Heating
 Address PO BOX 533
Howell NJ 07731
 Tele. (732) 938 4384 Fax (732) 938 6147
 Lic. No. _____
 Federal Emp. No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
 Building Sewer Size _____ Public Sewer _____ Private Septic _____
 Water Service Size _____ Public Water _____ Private Well _____
 Est. Cost of Plumbing Work \$ 1500.00

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | | INSPECTIONS | | Dates (Month/Day) | | |
|-----------------------------|--------------|---------------|---------|-------------------|----------|---------|
| [] No Plans Required | | Type: | Failure | Failure | Approval | Initial |
| Joint Plan Review Required: | | Slab | | | | |
| [] Building | [] Electric | Rough | | | | |
| [] Fire | [] Elevator | Water | | | | |
| [] Plumbing Plans Approved | | Sewer | | | | |
| Date: _____ | | Fixtures | | | | |
| Approved by: _____ | | Gas Equipment | | | | |
| | | Gas Piping | | | | |
| | | Solar | | | | |
| SUBCODE APPROVAL | | TCO | | | | |
| [] CO | [] CCO | [] CA | | | | |
| Date: _____ | | | | | | |
| Approved by: _____ | | | | | | |

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.

Signature _____
 Contractor's Seal _____

[] Licensed Plumbing Contractor [X] Exempt Applicant

Date Received _____
 Date Issued _____
 Control # _____
 Permit # _____

D. TECHNICAL SITE DATA (List of all fixtures.)

FIXTURE/EQUIPMENT

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|-----|------------------------------|-----------------------|
| | Water Closet | |
| | Urinal/Bidet | |
| | Bath Tub | |
| | Lavatory | |
| | Shower | |
| | Floor Drain | |
| | Sink | |
| | Dishwasher | |
| | Drinking Fountain | |
| | Washing Machine | |
| | Hose Bibb | |
| | Water Heater | |
| | Fuel Oil Piping | |
| | Gas Piping | |
| | Steam Boiler | |
| | Hot Water Boiler | |
| | Sewer Pump | |
| | Interceptor/Separator | |
| | Backflow Preventer | |
| | Greasetrap | |
| | Sewer Connection | |
| | Water Service Connection | |
| | Stacks | |
| | Other <u>Replace Furnace</u> | |
| | Other _____ | |
| | Other _____ | |

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

Township of Howell
 Preventorium Road - P.O. Box 580
 Howell, New Jersey 07731



**PLUMBING
 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 1386-01
 Work Site Location 2142 Lanes Mills Rd
 Owner in Fee Donald Winters
 Address 2142 Lanes Mills Rd
Truck 117 0872-3
 Contractor [REDACTED]
 Address PO BOX 533
Howell NJ 07731
 Tele. (732) 938 4384 Fax (732) 938 6647
 Lic. No. [REDACTED]
 Federal Emp. No. [REDACTED]

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed
 Building Sewer Size Public Sewer Private Septic
 Water Service Size Public Water Private Well
 Est. Cost of Plumbing Work \$ 1500.00

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | | INSPECTIONS | | Dates (Month/Day) | |
|--|------|-------------|----------|-------------------|--|
| Type: | Slab | Failure | Approval | Initial | |
| <input type="checkbox"/> No Plans Required | | | | | |
| Joint Plan Review Required: | | | | | |
| <input type="checkbox"/> Building <input type="checkbox"/> Electric | | | | | |
| <input type="checkbox"/> Fire <input type="checkbox"/> Elevator | | | | | |
| <input type="checkbox"/> Plumbing Plans Approved | | | | | |
| Date: | | | | | |
| Approved by: | | | | | |
| SUBCODE APPROVAL | | | | | |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO <input type="checkbox"/> CA | | | | | |
| Date: | | | | | |
| Approved by: | | | | | |

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.

Signature — Contractor's Seal

Licensed Plumbing Contractor Exempt Applicant

Date Received
 Date Issued
 Control #
 Permit #

D. TECHNICAL SITE DATA (List of all fixtures.)

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|-----|-----------------------------|-----------------------|
| | Water Closet | \$ |
| | Urinal/Bidet | |
| | Bath Tub | |
| | Lavatory | |
| | Shower | |
| | Floor Drain | |
| | Sink | |
| | Dishwasher | |
| | Drinking Fountain | |
| | Washing Machine | |
| | Hose Bibb | |
| | Water Heater | |
| | Fuel Oil Piping | |
| | Gas Piping | |
| | Steam Boiler | |
| | Hot Water Boiler | |
| | Sewer Pump | |
| | Interceptor/Separator | |
| | Backflow Preventer | |
| | Greasetrap | |
| | Sewer Connection | |
| | Water Service Connection | |
| | Stacks | |
| | Other <u>REPAIR FURNACE</u> | |
| | Other | |
| | Other | |
| | Administrative Surcharge | \$ |
| | Minimum Fee | \$ |
| | DCA Training Fee | \$ |
| | TOTAL FEE | \$ |

Township of Howell
Preventorium Road - P.O. Box 580
Howell, New Jersey 07731



**PLUMBING
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 _____
 Work Site Location 2216 Lamoignon Rd
 Owner in Fee Richard VanTice
 Address 2143 Lamoignon Rd
1306117 087033
 Tele. _____
 Contractor PLUMBING CONTRACTORS
 Address PO BOX 333
1306117 087033
 Tele. (732) 938 4384 Fax (732) 938 2247
 Lic. No. _____
 Federal Emp. No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
 Building Sewer Size _____ Public Sewer _____ Private Septic _____
 Water Service Size _____ Public Water _____ Private Well _____
 Est. Cost of Plumbing Work \$ 1500.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
 No Plans Required
 Joint Plan Review Required:
 Building Electric
 Fire Elevator
 Plumbing Plans Approved
 Date: _____
 Approved by: _____

INSPECTIONS
 Type: Slab _____
 Rough _____
 Water _____
 Sewer _____
 Fixtures _____
 Gas Equipment _____
 Gas Piping _____
 Solar _____
 TCO _____
 Date: _____
 Approved by: _____

SUBCODE APPROVAL
 CO CCO CA
 Date: _____
 Approved by: _____

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.

Nic
 Signature — Contractor's Seal
 Licensed Plumbing Contractor Exempt Applicant



D. TECHNICAL SITE DATA (List of all fixtures.)

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|-----|---------------------------------|-----------------------|
| | Water Closet | |
| | Urinal/Bidet | |
| | Bath Tub | |
| | Lavatory | |
| | Shower | |
| | Floor Drain | |
| | Sink | |
| | Dishwasher | |
| | Drinking Fountain | |
| | Washing Machine | |
| | Hose Bibb | |
| | Water Heater | |
| | Fuel Oil Piping | |
| | Gas Piping | |
| | Steam Boiler | |
| | Hot Water Boiler | |
| | Sewer Pump | |
| | Interceptor/Separator | |
| | Backflow Preventer | |
| | Greasetrap | |
| | Sewer Connection | |
| | Water Service Connection | |
| | Stacks | |
| | Other <u>Backflow Preventer</u> | |
| | Other _____ | |
| | Other _____ | |

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



CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. Proposed Work Site at: 2241 Lanes Mill Road, BRICK

2. Name of Owner in Fee: Robert Klimowicz
 Address 2241 Lanes Mill Rd. BRICK
street municipality zip code

3. Ownership in fee: Public _____ Private

4. Principal Contractor: SELF Tel. (____) _____
 Address _____
 License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
 Federal Employee No. _____ FAX: (____) _____

5. Architect or Engineer: N/A Tel. (____) _____
 Address _____ Contact _____

6. Responsible Person in Charge once Work has Begun: Robert Klimowicz, owner
 1. _____ FAX: (____) _____

ROOF / over existing

V. FEE SUMMARY (for office use only)

| | | Update | Update |
|-----------------------------------|--------------|--------|--------|
| 1. Building | \$ <u>50</u> | | |
| 2. Electrical | | | |
| 3. Plumbing | | | |
| 4. Fire Protection | | | |
| 5. Elevator Devices | | | |
| 6. Subtotal | \$ | | |
| 7. Less 20% for State Plan Review | | | |
| 8. Subtotal | \$ <u>3</u> | | |
| 9. State Permit Fee Surcharge | | | |
| 10. Subtotal | \$ | | |
| 11. Cert. of Occupancy | | | |
| 12. Other | | | |
| 13. TOTAL | \$ <u>53</u> | | |

VI. BUILDING/SITE CHARACTERISTICS (office use only)

- Number of Stories _____
- Height of Structure _____ ft.
- Area — Largest Floor _____ sq. ft.
- New Building Area _____ sq. ft.
- Volume of New Structure _____ cu. ft.
- Construction Classification _____
- Total Land Area Disturbed _____ sq. ft.
- Flood Hazard Zone _____
- Base Flood Elevation _____ ft.
- Wetlands yes _____
 no _____
- Max. Live Load _____
- Max. Occupancy Load _____

II. PROPOSED WORK

| | Est. Cost | Plans Rec'd by | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates | | Re-viewer |
|---|-------------|----------------|------------|----------------|---------------|-----------|--------------------|-----------|-----------|
| | | | | | | | Approval | Rejection | |
| 1. <input type="checkbox"/> Minor Work | | | | | | | | | |
| 2. <input type="checkbox"/> New Building | | | | | | | | | |
| 3. <input type="checkbox"/> Addition | | | | | | | | | |
| 4. <input type="checkbox"/> a. Repair | | | | | | | | | |
| <input type="checkbox"/> b. Alteration | | | | | | | | | |
| <input type="checkbox"/> c. Renovation | | | | | | | | | |
| <input type="checkbox"/> d. Reconstruction | | | | | | | | | |
| 5. <input type="checkbox"/> Fire Protection | | | | | | | | | |
| 6. <input type="checkbox"/> Plumbing | | | | | | | | | |
| 7. <input type="checkbox"/> Electrical | | | | | | | | | |
| 8. <input type="checkbox"/> Elevator Devices | | | | | | | | | |
| 9. <input type="checkbox"/> Asbestos Abat. Subch. 8 | | | | | | | | | |
| 10. <input type="checkbox"/> Lead Hazard Abatement | | | | | | | | | |
| 11. <input type="checkbox"/> Demolition | | | | | | | | | |
| TOTAL COSTS | <u>2500</u> | | | | | | | | |

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

- State Specific Use: _____
- Use Group: _____
- Change in Use Group, Indicate Former: _____
- No. of dwelling units: All Units income-restricted
 Before Construction _____
 After Construction _____
 Net Gain or Loss _____

B. NON-RESIDENTIAL

- State Specific Use: _____
- Use Group: _____
- Change in Use Group, Indicate Former: _____

III. DO YOU WANT: (optional)

- Partial Releases
- Prototype Processing

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

| | | |
|---|---|---|
| 1. <input type="checkbox"/> Elevators/Escalators/Lifts/ Dumbwaiters/Moving Walks | 4. <input type="checkbox"/> Refrigeration Systems | 8. <input type="checkbox"/> Smoke Control Systems in Open Wells |
| 2. <input type="checkbox"/> High Pressure Boilers | 5. <input type="checkbox"/> Cross-Connections/Backflow Preventers | 9. <input type="checkbox"/> Underground Storage Tanks |
| 3. <input type="checkbox"/> Pressure Vessels | 6. <input type="checkbox"/> Hazardous Uses/Places of Assembly | 10. <input type="checkbox"/> Swimming Pools, Spas and Hot Tubs |
| | 7. <input type="checkbox"/> Sprinklers | |

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

Art King

Date

5/24/07

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.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 04/09/2010
Control Number C-07-002453
Permit Number 07-1417
Permit Issue Date 05/24/2007
Certificate Number 07-1417

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 2241 LANES MILL RD , NJ Block: 1386.01 Lot: 1 Qual: _____
Owner in Fee: KLIMOWICZ, ROBERT
Owner Address: 2241 LANES MILL RD BRICK NJ 08724
Telephone: [REDACTED]
Contractor KLIMOWICZ, ROBERT
Address 2241 LANES MILL RD BRICK NJ 08724
Telephone: [REDACTED] Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____

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: NEW ROOF

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:

Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____



CONSTRUCTION PERMIT

Date Issued 05/24/2007
 Control # C-07-002453
 Permit # 07-1417

IDENTIFICATION Block: 1386.01 Lot: 1 Qualifier _____
 Work Site Location: 2241 LANES MILL RD , NJ Contractor KLIMOWICZ, ROBERT
 Address 2241 LANES MILL RD BRICK NJ 08724
 Owner in Fee KLIMOWICZ, ROBERT
 Address 2241 LANES MILL RD BRICK NJ 08724 Telephone _____
 Telephone: _____ Lic. No. or Divs. Reg. No. _____
 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:
NEW ROOF

Note: If construction does not commence within one (1) year of date of issuance, or it construction ceases for a period of six (6) months, this permit is void.
 Estimated Cost of Work \$2,500

 Construction Official Date

U.C.C. F170
 equiv (rev 8/03)

- 1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

| PAYMENTS (Office Use Only) | |
|----------------------------|-------------------|
| Building | \$50 |
| Electrical | \$0 |
| Plumbing | \$0 |
| Fire Protection | \$0 |
| Elevator Devices | \$0 |
| Other | \$0.00 |
| DCA Training Fee | \$3 |
| CO Fee | |
| Other | \$0 |
| Total | \$53 |
| Check No. | 6089 |
| Cash | \$0 |
| Credit | \$0 |
| Collected By | Stephanie Capozzi |

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.



**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 1286.01 Lot 1 Qualification Code _____
Work Site Location 2241 Lanes Mill Road
Owner in Fee: Robert Kimowicz
Tel. () e-n _____
Address 2241 Lanes Mill Rd BRICK TWP 08724
municipality zip code
Contractor: SELF Tel. ()
Address _____ e-mail _____
Contractor License No. or Builder Registration No. _____ Exp. Date _____
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. _____ FAX: () _____

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Dates (Month/Day) | Initial |
|--|------|---------|----------------------|-------------------|----------|
| <input type="checkbox"/> No Plans Required | | | Type: | Failure | Approval |
| <input type="checkbox"/> All | | | Footings | | |
| <input type="checkbox"/> Footing | | | Footings Bonding | | |
| <input type="checkbox"/> Foundation | | | Foundation | | |
| <input type="checkbox"/> Frame | | | Slab | | |
| <input type="checkbox"/> Other | | | Frame | | |
| | | | Truss Sys./Bracing | | |
| | | | Barrier-Free | | |
| Joint Plan Review Required: | | | Insulation | | |
| <input type="checkbox"/> Elec. <input type="checkbox"/> Plumb. <input type="checkbox"/> Fire <input type="checkbox"/> Elevator | | | Finishes -Base Layer | | |
| | | | Finishes -Final | | |
| SUBCODE APPROVAL | | | Energy | | |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO | | | 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. \$ 2500
 No. of Stories _____ 2. Rehabilitation \$ _____
 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.

U.C.C. F110
(rev. 01/06)

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy

Date Received _____
Control # 5/24/07
Date Issued _____
Permit # 07-1417

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.
Robert Kimowicz
Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

INSTALL NEW SHINGLES OVER
EXISTING ROOF SHINGLES

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 _____
 Demolition

FEE (Office Use Only)
\$ _____

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 1211 Lot 1 Qualification Code _____
Work Site Location 2241 LANDS MILL ROAD

Owner in Fee: Kohout Klimovic

Tel. () () () e-mail _____ Exp. Date _____

Address 2241 LANDS MILL RD BIRK TWP 08724
street municipality zip code

Contractor: SELF Tel. () () ()

Address _____ e-mail _____ Exp. Date _____

Contractor License No. or Builder Registration No. _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: () () ()

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Dates (Month/Day) | Failure | Approval | Initial |
|--|---------------------------------|-------------------------------|-----------------------------------|-------------------|---------|----------|---------|
| <input type="checkbox"/> No Plans Required | | | Type: | | | | |
| <input type="checkbox"/> All | | | Footing | | | | |
| <input type="checkbox"/> Footing | | | Footing Bonding | | | | |
| <input type="checkbox"/> Foundation | | | Foundation | | | | |
| <input type="checkbox"/> Frame | | | Slab | | | | |
| <input type="checkbox"/> Other | | | Frame | | | | |
| | | | Truss Sys./Bracing | | | | |
| | | | Barrier-Free | | | | |
| | | | Insulation | | | | |
| | | | Finishes -Base Layer | | | | |
| | | | Finishes -Final | | | | |
| | | | Energy | | | | |
| | | | Mechanical | | | | |
| | | | TCO | | | | |
| | | | Other | | | | |
| | | | Final | | | | |
| | | | Barrier-Free | | | | |
| Joint Plan Review Required: | | | | | | | |
| <input type="checkbox"/> Elec. | <input type="checkbox"/> Plumb. | <input type="checkbox"/> Fire | <input type="checkbox"/> Elevator | | | | |
| SUBCODE APPROVAL | | | | | | | |
| <input type="checkbox"/> CO | <input type="checkbox"/> CCO | <input type="checkbox"/> CA | | | | | |
| Date: _____ | | | | | | | |
| Approved by: _____ | | | | | | | |

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____ Est. Cost of Bldg. Work:

Constr. Class Present _____ Proposed _____ 1. New Bldg. \$ _____

No. of Stories _____ 2. Rehabilitation \$ _____

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.

U.C.C. F110 (rev. 01/06)

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

Date Received Control # _____
Date Issued Permit # _____

1417
7-11-17

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

INSIALL NEW SHINGLES OVER
EXISTING ROOF SHINGLES

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 _____
- Demolition

FEE (Office Use Only) \$ _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____



BUILDING SUBCODE TECHNICAL SECTION



Date Received
Control #
Date Issued
Permit #

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

Block _____ Lot _____ Qualification Code _____
Work Site Location _____

Owner in Fee: _____ e-mail _____
Tel. () _____ e-mail _____ zip code _____
Address _____ street _____ municipality _____
Contractor: _____ Tel. () _____
Address _____ e-mail _____
Contractor License No. or Builder Registration No. _____ Exp. Date _____
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. _____ FAX: () _____

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Dates (Month/Day) | | |
|-----------------------|------|---------|----------------------|-------------------|----------|---------|
| [] No Plans Required | | | Type: | Failure | Approval | Initial |
| [] All | | | Footings | | | |
| [] Footing | | | Footings Bonding | | | |
| [] Foundation | | | Foundation | | | |
| [] Frame | | | Slab | | | |
| [] Other | | | Frame | | | |
| | | | Truss Sys./Bracing | | | |
| | | | Barrier-Free | | | |
| | | | Insulation | | | |
| | | | Finishes -Base Layer | | | |
| | | | Finishes -Final | | | |
| | | | Energy | | | |
| | | | Mechanical | | | |
| | | | TCO | | | |
| | | | Other | | | |
| | | | Final | | | |
| | | | Barrier-Free | | | |

Joint Plan Review Required:
 Elec. Plumb. Fire Elevator

SUBCODE APPROVAL
 CO CCO CA

Date: _____ Approved by: _____

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. Rehabilitation \$ _____
 3. Total (1+2) \$ _____

U.C.C. F110
(rev. 01/06)

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

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 _____
 Demolition

FEE (Office Use Only)

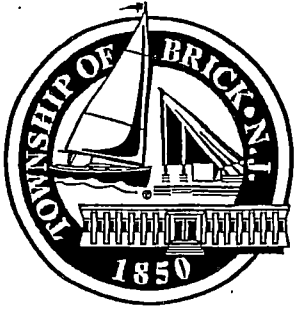
\$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____
 \$ _____

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

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 _____



Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

***This File Contains Personal Identifiable
Information of Private Citizen(s).***

Certain information contained in this file is *Exempt from Release* under the Open Public Records Act (OPRA) (Public Law 2001, CHAPTER 404 (N.J.S.A. 47:1A-1 et seq.)) and Executive Orders issued by the Governor of New Jersey. The following information *MUST* be redacted prior to release:

- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

A handwritten signature in black ink, appearing to read "Bryan J. Dickerson".

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020



CONSTRUCTION PERMIT APPLICATION

VIOLA

CD-003086

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

I. IDENTIFICATION

1. Proposed Work Site at: 2241 Lanes Mill Rd 08724

2. Name of Owner in Fee: George Cervantes
 Tel. _____ e-mail _____
 Address 2241 Lanes Mill Rd Brick 08724
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: Posigen Developer LLC Tel. (609) 335-5375
 Address 1600 N Olden Ave e-mail NJPermits@posigen.com
Ewing NJ 08638

License No. OR, if new home, Builder Reg. No. 13VH12147800 Exp. Date 3/31/2024

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 45-3761288 FAX: (____) _____

5. Architect or Engineer _____ Contact _____
 Address _____ e-mail _____
 Tel. (____) _____ FAX: (____) _____

6. Responsible Person in Charge once Work has Begun Vannessa Vogel
 Tel. (609) 335-5375 FAX: (____) _____

V. FEE SUMMARY (for office use only)

| | Update | Update |
|-----------------------------------|----------------|--------|
| 1. Building | \$ <u>1500</u> | |
| 2. Electrical | \$ <u>250</u> | |
| 3. Plumbing | \$ <u>50</u> | |
| 4. Fire Protection | | |
| 5. Elevator Devices | | |
| 6. Subtotal | | |
| 7. Less 20% for State Plan Review | \$ _____ | |
| 8. Subtotal | \$ _____ | |
| 9. State Permit Surcharge Fee | \$ <u>21</u> | |
| 10. Subtotal | \$ <u>176</u> | |
| 11. Cert. of Occupancy | | |
| Other | | |
| TOTAL | \$ <u>581</u> | |

VIOLATION

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 7,377 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 Solar Panels New Building Addition Demolition

Repair Alteration Renovation Reconstruction

Asbestos Abat. -Subch. 8 Lead Hazard Abatement Radon Remediation Annual Permit

FOR OFFICE USE ONLY (Optional)

| SUB-CODES (Check all that apply) | Est. Cost | Plans Rec'd by | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates | | Re-viewer |
|--|---------------------|----------------|--------------------|----------------|-----------------|-----------|--------------------|-----------|-----------|
| | | | | | | | Approval | Rejection | |
| <input checked="" type="checkbox"/> Building | <u>2750</u> | | | | <u>10/22</u> | <u>JB</u> | | | |
| <input checked="" type="checkbox"/> Electrical | <u>8250</u> | | | <u>9-22-22</u> | | <u>DL</u> | <u>12-21-22</u> | | <u>DL</u> |
| <input type="checkbox"/> Plumbing | | | | | | | | | |
| <input type="checkbox"/> Fire Protection | <u>220</u> | | | | <u>10/13/22</u> | <u>JD</u> | | | |
| <input type="checkbox"/> Elevator | | <u>Ewing</u> | <u>Exp. 9/9/22</u> | <u>ECC</u> | | | | | |
| TOTAL COST | <u>11220</u> | | | | | | | | |

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

RECEIVED AUG 1 5 2022 BUILDING

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, 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.

Check if contractor.

Agent Name Vannessa Vogel

Address 1600 N Olden Ave., Suite 9

Ewing, NJ 08638

Telephone (609) 335-5375

Signature Vannessa Vogel

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-123.16.

OFFICE DATE RECEIVED: _____

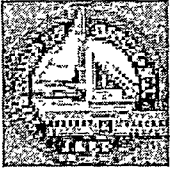
| VIII. PRIOR APPROVALS CHECKLIST (office use only) | LOCAL APPROVAL | | COUNTY APPROVAL | | REGIONAL APPROVAL | | STATE APPROVAL | | COMMENTS |
|--|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|----------|
| | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | Prelimin. Initial | Final Date | |
| <input type="checkbox"/> Zoning Officer | | | | | | | | | |
| <input type="checkbox"/> Planning Board | | | | | | | | | |
| <input checked="" type="checkbox"/> Zoning Board | | | | | | | | | |
| <input type="checkbox"/> Sewer Authority | | | | | | | | | |
| <input type="checkbox"/> Water Authority | | | | | | | | | |
| <input type="checkbox"/> Police Department | | | | | | | | | |
| <input type="checkbox"/> Health Department | | | | | | | | | |
| <input type="checkbox"/> Soil Conservation | | | | | | | | | |
| <input type="checkbox"/> N.J. Department of Community Affairs | | | | | | | | | |
| <input type="checkbox"/> N.J. Department of Transportation | | | | | | | | | |
| <input type="checkbox"/> N.J. Department of Environmental Protection | | | | | | | | | |
| <input type="checkbox"/> Utility Dig No. | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

| | | |
|-----------------------------------|-----------------------------------|--------------|
| Name of Code & Edition | Name of Code & Edition | Other |
| Building _____ | Energy _____ | _____ |
| Electrical _____ | Barrier Free _____ | _____ |
| Plumbing _____ | Flood Hazard _____ | _____ |
| Fire Protection _____ | As Built Elevation Cert. _____ | _____ |
| Mechanical _____ | Other _____ | _____ |

X. CERTIFICATES ISSUED (office use only)

| | No. | DATE ISSUED | DATE EXPIRED | DATE REISSUED | DATE EXPIRED |
|---|-----------|-------------|--------------|---------------|--------------|
| <input type="checkbox"/> Temporary Certificate of Occupancy | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Temporary Certificate of Compliance | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Continued Certificate of Occupancy | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Compliance | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Occupancy | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Certificate of Approval | No. _____ | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Lead Abatement Clearance Certificate | No. _____ | _____ | _____ | _____ | _____ |



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 1/24/2023
Control Number C-22-003086
Permit Number 22-3414
Permit Issue Date 12/22/2022
Certificate Number 22-3414

Certificate
Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 2241 LANES MILL RD Brick Township, NJ Block: 1386.01 Lot: 1 Qual: _____
 Owner in Fee: CERVANTES, GEORGE
 Owner Address: 2241 LANES MILL ROAD BRICK NJ 08724
 Telephone: _____
 Contractor FUSIGEN SOLAR NJ
 Address 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
 Telephone: (609) 256-2943 Fax: (203) 416-6328 Federal Emp. Number: _____
 License Number or Builders Registration Number: _____
 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 7.37 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:

Fee: \$0.00
Check Number: _____
Collected By: _____

Construction Official

Date Printed: 1/24/2023

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

Page 1

401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030



Receipt

Payment Date 1/24/2023

Transaction # PMT-23-00683

Receipt #

Issued To POSIGEN NJ LLC

Description VIOLATION 22-00203
2241 LANES MILL ROAD
BLOCK 1386.01 LOT 1

Date Printed 1/24/2023
Check Number 3313

| | |
|------------|---------------|
| Cash | \$0.00 |
| Check | \$1,000.00 |
| Charge | <u>\$0.00</u> |
| Total Paid | \$1,000.00 |



NOTICE AND ORDER OF PENALTY

Permit/Control #: _____
Date Issued: 10/20/2022
Violation #: V-22-00203

IDENTIFICATION

Work Site Location: 2241 LANES MILL RD Brick Township, NJ
Block: 1386.01 Lot: 1 Qualification Code: _____
Owner in Fee: CERVANTES, GEORGE
Owner Address: 2241 LANES MILL ROAD BRICK NJ 08724
Agent/Contractor: POSIGEN SOLAR NJ
Address: 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
To: Owner Other.
 Agent/Contractor

ACTION

- On _____, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder. A **Notice of Violation and Order to Terminate**, **Notice of Unsafe Structure**, **Notice of Imminent Hazard** was issued. Reinspection of the work site on _____ revealed the following violation(s) remain:
NJAC 5:23.2.14(a) Working without a permit
Following an investigation, it is found that you have failed to get the required permit for the following work: SOLAR PANELS
- On 10/20/2022, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder, in that you **made a false or misleading written statement, or omitted required required information in an application or request for approval; or** **failed to obtain a construction permit; or** **failed to request required inspections; or** **allowed occupancy prior to receiving a certificate of occupancy.**
- On _____, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder. A **Stop Construction Order** was issued. Reinspection of the work site on _____ revealed a failure to comply with that **Stop Construction Order**.

PENALTY

Therefore, you are hereby **ORDERED** to pay a penalty in the amount of \$2,000.00 for each violation for a total penalty of \$2,000.00.

Further, take NOTICE that for each week day that any of the said violations remain outstanding after 11/3/2022 an additional penalty of \$2,000.00 per week day shall result

If you wish to contest this **ORDER**, you may request a hearing before the Construction Board of Appeals of the _____ County of Ocean _____ within 15 days of receipt of this **ORDER** as provided by N.J.A.C. 5:23 A-2.1. The Application of the Construction Board of Appeals may be used for this purpose.

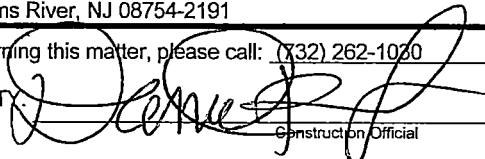
Your application for appeal must be in writing, setting forth your name and address, the address of the building or site in question, the permit number, the specific sections of the Regulations in question, and the extent and nature of your reliance on them. You may include a brief statement setting forth your position and the nature of the relief sought by you. You may also append any documents that you consider useful

The fee for an appeal is \$100.00 and should be forwarded with your application to the Construction

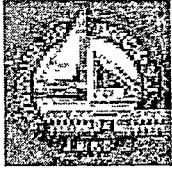
Board of Appeals Office at: CONSTRUCTION BOARD OF APPEALS
PO Box 2191 #5 Mott Place
Toms River, NJ 08754-2191

If you have any questions concerning this matter, please call: (732) 262-1000

NOTICE and ORDER of PENALTY:


Construction Official

Date: 10/20/22



Brick Township
 401 Chambersbridge Rd
 Brick, NJ 08723

Construction Violation

Identification

Work Site Location: 2241 LANES MILL RD Brick Township, NJ
 Block: 1386.01
 Lot: 1
 Owner: CERVANTES, GEORGE
 Owner Address: 2241 LANES MILL ROAD BRICK NJ 08724
 Telephone:
 Agent: POSIGEN SOLAR NJ
 Agent Address: 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
 Telephone: (609) 256-2943

Infraction Details

Tracking: V-22-00203
 Subcode: Administrative
 Issuing Officer: Daniel F Newman Jr Telephone: (732) 262-1092
 Issue Date: 10/20/2022
 Infraction: Notice and Order of Penalty
 Statute: N.J.A.C. 5:23 Uniform Construction Code Regulations NJAC 5:23.2.14(a) Working without a permit
 Infraction Summary: Following an investigation, it is found that you have failed to get the required permit for the following work: SOLAR PANELS

Certified Mail Number: 70191640000102644122

Enforcement Details

Inspection Date: 10/20/2022
 Notice Date: 10/20/2022
 Compliance Date: 11/3/2022
 Compliance Inspection Date:
 Compliance Summary: The owner or the owner's agent must submit an application for review by the compliance date. Additionally, the work must be inspected, any penalties paid, and a Certificate of Occupancy or Approval issued by this office. Failure to comply will lead to additional enforcement action. Additional enforcement could include additional penalties or subpoenas to appear in Municipal Court.

Fines Details

| | |
|-------------|-------------------|
| Total Due: | \$2,000.00 |
| Total Paid: | \$0.00 |
| Total Owed: | <u>\$2,000.00</u> |

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

**POSIGEN NJ LLC
MARK G EBNER
1600 N Olden Avenue
Trenton NJ 08638**

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
POSIGEN NJ LLC
Electrical Business Permit**



01/14/2022 TO 03/31/2024
VALID

SIGNATURE

K.P.T.M.
ACTING DIRECTOR

34EB01502400
License/Registration/Certificate #

01/14/2022 TO 03/31/2024
VALID

34EB01502400
LICENSE/REGISTRATION/CERTIFICATION #

K.P.T.M.
ACTING DIRECTOR

Signature of Licensee/Registrant/Certificate Holder

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

THIS DOCUMENT IS PRINTED ON WATERLOO PAPER WITH MULTIPLE COPIES
RECYCLING AND BIO-FUEL SECURITY FEATURES. PLEASE RECYCLE APPROPRIATELY.

**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

**Mark G. Ebner
19 Thomas Eakins Way
Marlton NJ 08053**

FOR PRACTICE IN NEW JERSEY AS A(N): **Electrical Contractor**

03/04/2021 TO 03/31/2024
VALID

34E101502400
LICENSE REGISTRATION CERTIFICATION #

Mark G. Ebner
Signature of Licensed Registrant/Certificate Holder

Pat O'Neil
ACTING DIRECTOR

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
Mark G. Ebner
Electrical Contractor

03/04/2021 TO 03/31/2024
VALID
34E101502400
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 45000
Newark, NJ 07101

PLEASE DETACH HERE

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
Home Improvement Contractors

HAS REGISTERED

POSIGEN DEVELOPER LLC
Thomas Neyhart
819 Central Ave Ste 210
New Orleans LA 70121

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

06/04/2022 TO 03/31/2023
VALID

13VH12147800
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


ACTING DIRECTOR


New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Home Improvement Contractors
HAS REGISTERED
POSIGEN DEVELOPER LLC
Home Improvement Contractor

NOT AN
ELECTRICIAN'S
OR PLUMBER'S
LICENSE

06/04/2022 TO 03/31/2023
VALID

13VH12147800
License/Registration/Certificate #


ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Home Improvement Contractors
P.O. Box 45016
Newark, NJ 07101

PLEASE DETACH HERE



**BUILDING SUBCODE
TECHNICAL SECTION**



Date Received
Control #

Date Issued
Permit #

DEC 22 2022
22-3414

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

Block 1386.01 Lot 1 Qualification Code _____
Work Site Location 2241 Lanes Mill Rd 08724

Owner in Fee: George Cervantes

Tel. (_____) e-mail _____

Address 2241 Lanes Mill Rd Brick 08724

Contractor: Posigen Solar, NJ Tel. (_____) (609) 457-2435

Address 819 Central Avenue, Suite 210 e-mail njpermit@posigen.com

New Orleans, LA 70121

Contractor License No. or Builder Registration No. 34EI01502400 Exp. Date 3/31/2024

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 45-3761288 FAX: (_____) 203-416-6328

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: Mark Ebner

Print name here: Mark Ebner

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Installation of 7.37 kW, 22 modules of roof mounted solar arrays.

No structural upgrades 64" or 1-foot

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 Solar System
- Demolition

FEE (Office Use Only)

\$ _____

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

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Dates (Month/Day) |
|--|----------------|------------|----------------------|----------------------------------|
| <input type="checkbox"/> No Plans Required | | | Type: | Failure Failure Approval Initial |
| <input checked="" type="checkbox"/> All | <u>10-6-22</u> | <u>SOE</u> | Footing | |
| <input type="checkbox"/> Footings/Foundations | | | Footing-Bonding | |
| <input type="checkbox"/> Structural/Framework | | | Foundation | |
| <input type="checkbox"/> Exterior | | | Slab | |
| <input type="checkbox"/> Interior | | | Frame | |
| | | | Truss Sys./Bracing | |
| Joint Plan Review Required: | | | Barrier-Free | |
| <input type="checkbox"/> Elec. <input type="checkbox"/> Plumb. <input type="checkbox"/> Fire <input type="checkbox"/> Elevator | | | Insulation | |
| SUBCODE APPROVAL for PERMIT | | | Finishes -Base Layer | |
| Date: <u>10/06/22</u> | | | Finishes -Final | |
| Approved by: <u>KAK</u> | | | Energy | |
| SUBCODE APPROVAL for CERTIFICATE | | | Mechanical | |
| <input type="checkbox"/> CO. <input type="checkbox"/> CCO <input checked="" type="checkbox"/> CA | | | TCO | |
| Date: <u>01/09/23</u> | | | Other | |
| Approved by: <u>KAK</u> | | | Final | <u>1-9-23</u> |
| | | | Barrier-Free | |

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____ Constr. Class Present _____ Proposed _____
No. of Stories _____ If Industrialized Building: State Approved _____ HUD _____
Height of Structure _____ ft.
Area — Largest Floor _____ sq. ft. **Est. Cost of Bldg. Work:**
New Bldg. Area/All Floors _____ sq. ft. 1. New Bldg. \$ \$ 2,750.00
Volume of New Structure _____ cu. ft. 2. Rehabilitation \$ _____
Max. Live Load _____ 3. Total (1+ 2) \$ \$ 2,750.00
Max. Occupancy Load _____

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

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy



FIRE PROTECTION SUBCODE TECHNICAL SECTION



DIU C (NW)

IMU/DISC - DIU D

Date Received Control #

DEC 22 2022

Date Issued Permit #

22-3414

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

Block 1386.01 Lot 1 Qualification Code 08724 Work Site Location 2241 Lanes Mill Rd

Owner in Fee: George Cervantes

Tel. () em Brick 08724 Address 2241 Lanes Mill Rd street municipality zip code

Contractor: Posigen Solar, NJ Tel. (609) 457.2435 Address 819 Central Avenue e-mail njpermit@posigen.com New Orleans, LA 70121

Fire Protection Equipment, NJ Div of Fire Safety Permit No. Fire Protection Equipment, NJ Div of Fire Safety Installer No. Fire Alarm Contractor No. Exp. Date Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 34EI01502400 Federal Emp. ID No. 45-3761288 FAX: (203) 416-6328

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed Fuel Storage Tank: Fuel Type: [] Flammable OR [] Combustible Capacity Constr. Class: Present Proposed Fire Alarm System: [] New OR [] Existing Location of Panel: Heating System: [] New OR [] Modification to Existing OR [] Conversion OR [] Replacement Fuel Type: [] Gas [] Oil [] Electric [] Solar Other Location: Total Cost of Fire Protection Work \$ 220.00

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.

Applicant/Contractor sign here: Mark Ebner

Print name here: Mark Ebner

D. TECHNICAL SITE DATA Certified Contractor [] Exempt Applicant

DESCRIPTION OF WORK: Installation of 7.37, 22 modules of roof mounted Water Supply Source solar arrays. Method of Alarm/Suppression System Supervision

Table with columns: NUMBER, FEE (Office Use Only) \$, and rows for various fire protection systems like Alarm Systems, Suppression Systems, Pre-engineered Systems, etc.

JOB SUMMARY (Office Use Only) table with columns: PLAN REVIEW, INSPECTIONS, Dates (Month/Day), and rows for various inspection types and dates.

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

CONSTRUCTION PERMIT

Date Issued 12/22/22
 Control # C-22-003986
 Permit # 22-3A1A

IDENTIFICATION Block: 1386 01 Lot: 1 Qualifier: _____
 Work Site Location: 2241 LANES MILL RD Brick Township NJ Contractor: POSIGEN SOLAR NJ
 Address: 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
 Owner in Fee: CERVANTES GEORGE
2241 LANES MILL ROAD BRICK NJ 08724 Telephone: (609) 256-2943
 Telephone: _____ Lic No. or Bids Reg No: 13VH09712800 34EBC0704600
 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 PANELS INSTALL 7.37 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: \$11,491

D. J. [Signature] Construction Official Date: 12/21/22

U.C.C. F170
 (N.J.A.C. 17:27)

1 WHITE - INSPECTOR 3 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

| PAYMENTS (Office Use Only) | |
|----------------------------|--------|
| Building | \$150 |
| Electrical | \$250 |
| Plumbing | \$0 |
| Fire Protection | \$85 |
| Elevator Devices | \$0 |
| Other | \$0.00 |
| DCA Training Fee | \$21 |
| CO Fee | |
| Other | \$0 |
| Total | \$506 |
| Check No. <u>(3391)</u> | |
| Cash | \$0 |
| Credit | \$0 |
| Collected By | |

11/15
 521
 ↓

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:

- 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.
- Foundations and all walls up to grade level prior to back filling.
- 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.
- 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 systems 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 N.J.A.C. 5:23-2.5 "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.



**BUILDING SUBCODE
TECHNICAL SECTION**



Date Received
Control #
Date Issued
Permit #

DEC 22 2022
22-3414

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

Block 1386.01 Lot 1 Qualification Code _____
Work Site Location 2241 Lanes Mill Rd 08724

Owner in Fee: George Cervantes

Tel. (_____) e-mail: _____
Address 2241 Lanes Mill Rd Brick 08724

Contractor: Posigen Solar, NJ Tel. (_____) (609) 457-2435
Address 819 Central Avenue, Suite 210 e-mail njpermit@posigen.com
New Orleans, LA 70121

Contractor License No. or Builder Registration No. 34EI01502400 Exp. Date 3/31/2024

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 45-3761288 FAX: (_____) 203-416-6328

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial | INSPECTIONS | Failure | Dates (Month/Day) | Failure | Approval | Initial |
|--|----------------|-----------|----------------------|---------|-------------------|---------|----------|---------|
| <input type="checkbox"/> No Plans Required | | | Type: | | | | | |
| <input checked="" type="checkbox"/> All | <u>10.6.22</u> | <u>SG</u> | Footing | | | | | |
| <input type="checkbox"/> Footings/Foundations | | | Footing Bonding | | | | | |
| <input type="checkbox"/> Structural/Framework | | | Foundation | | | | | |
| <input type="checkbox"/> Exterior | | | Slab | | | | | |
| <input type="checkbox"/> Interior | | | Frame | | | | | |
| | | | Truss Sys./Bracing | | | | | |
| Joint Plan Review Required: | | | Barrier-Free | | | | | |
| <input type="checkbox"/> Elec. <input type="checkbox"/> Plumb. <input type="checkbox"/> Fire <input type="checkbox"/> Elevator | | | Insulation | | | | | |
| SUBCODE APPROVAL for PERMIT | | | Finishes -Base Layer | | | | | |
| Date: <u>10/06/22</u> | | | Finishes -Final | | | | | |
| Approved by: <u>KAK</u> | | | Energy | | | | | |
| SUBCODE APPROVAL for CERTIFICATE | | | Mechanical | | | | | |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO <input type="checkbox"/> CA | | | TCO | | | | | |
| Date: _____ | | | Other | | | | | |
| Approved by: _____ | | | Final | | | | | |
| | | | Barrier-Free | | | | | |

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____ Constr. Class Present _____ Proposed _____
No. of Stories _____ If Industrialized Building:
Height of Structure _____ ft. State Approved _____ HUD _____
Area — Largest Floor _____ sq. ft. Est. Cost of Bldg. Work:
New Bldg. Area/All Floors _____ sq. ft. 1. New Bldg. \$ \$ 2,750.00
Volume of New Structure _____ cu. ft. 2. Rehabilitation \$ _____
Max. Live Load _____ 3. Total (1+ 2) \$ \$ 2,750.00
Max. Occupancy Load _____

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

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: Mark Ebner

Print name here: Mark Ebner

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Installation of 7.37 kW, 22 modules of roof mounted solar arrays.

No structural upgrades 64" or 6-foot

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 Solar System
- Demolition

FEE (Office Use Only)

\$ _____

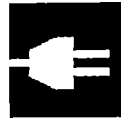
Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

1 White = Inspector Copy
3 Pink = Office Copy

2 Canary = Office Copy
4 Gold = Applicant Copy



**ELECTRICAL SUBCODE
TECHNICAL SECTION**



Date Received **DEC 22 2022**
Control #
Date Issued **22-3414**
Permit #

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

Block 1386.01 Lot 1 Qualification Code _____
Work Site Location 2241 Lanes Mill Rd 08724

Owner in Fee: George Cervantes

Tel. (____) _____ Em: _____

Address 2241 Lanes Mill Rd Brick 08724
street municipality zip code

Contractor: Posigen Solar, NJ Tel. (____) (609) 457-2435

Address 1600 North Olden Ave, Suite 9 e-mail njpermit@posigen.com
Ewing, NJ, 08638

Contractor License No 34EI01502400 Exp. Date 3/31/2024

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 45-3761288 FAX: (____) 203-416-6328

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

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

Building Occupied as Residential Home Utility Co. JCP&L

Est. Cost of Elec. Work \$ \$ 8,520.00

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | INSPECTIONS | Dates (Month/Day) | | | |
|---|---|-------------------|---------|----------|---------|
| | | Failure | Failure | Approval | Initial |
| [] No Plans Required | Type: | _____ | _____ | _____ | _____ |
| [] Partial -Underslab Utilities Approved | Rough | _____ | _____ | _____ | _____ |
| Date: _____ Approved by: _____ | Barrier-Free | _____ | _____ | _____ | _____ |
| [x] Electric Plans Approved | Trench | _____ | _____ | _____ | _____ |
| Date: <u>12-21-22</u> Approved by: <u>[Signature]</u> | Temp. Serv. | _____ | _____ | _____ | _____ |
| Joint Plan Review Required: | Constr. Serv. | _____ | _____ | _____ | _____ |
| [] Bldg. [] Plumb. [] Fire. [] Elev. | TCO | _____ | _____ | _____ | _____ |
| SUBCODE APPROVAL for PERMIT | Other | _____ | _____ | _____ | _____ |
| Date: <u>12-21-22</u> | Service | _____ | _____ | _____ | _____ |
| Approved by: <u>[Signature]</u> | Final | _____ | _____ | _____ | _____ |
| SUBCODE APPROVAL for CERTIFICATE | Barrier-Free | _____ | _____ | _____ | _____ |
| [] CO [] CCO [] CA | Temp. Cut-in-Card Date Issued | _____ | _____ | _____ | _____ |
| Date: _____ | Final Cut-in-Card Date Issued | _____ | _____ | _____ | _____ |
| Approved by: _____ | 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: [Signature]

Print name here: Mark Ebner

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Installation of 7.37 kW, 22 modules of roof mounted solar arrays.

| 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 | _____ |
| <u>22</u> | _____ | <u>410</u> Watt Solar Modules | _____ |
| <u>22</u> | _____ | 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 | _____ |
| _____ | _____ | KW Transformer/Generator | _____ |
| <u>1</u> | <u>60</u> | AMP Service Disconnect | _____ |
| _____ | _____ | AMP Motor Control Center | _____ |
| _____ | _____ | KW Elec. Sign/Outline Light | _____ |
| <u>1</u> | <u>7.37</u> | <u>SE7600H-US Inverter</u> | _____ |

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



FIRE PROTECTION SUBCODE TECHNICAL SECTION



Date Received Control #

DEC 22 2022

Date Issued Permit #

22-3414

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

Block 1386.01 Lot 1 Qualification Code 08724 Work Site Location 2241 Lanes Mill Rd

Owner in Fee: George Cervantes

Tel. () em

Address 2241 Lanes Mill Rd Brick 08724

Contractor: Posigen Solar, NJ Tel. (609) 457.2435

Address 819 Central Avenue e-mail njpermit@posigen.com New Orleans, LA 70121

Fire Protection Equipment, NJ Div of Fire Safety Permit No. Fire Protection Equipment, NJ Div of Fire Safety Installer No. Fire Alarm Contractor No. Exp. Date Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 34EI01502400 Federal Emp. ID No. 45-3761288 FAX: (203) 416-6328

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed Fuel Storage Tank: Fuel Type: [] Flammable OR [] Combustible Constr. Class: Present Proposed Capacity Fire Alarm System: [] New OR [] Existing Location of Panel: Heating System: [] New OR [] Modification to Existing OR [] Conversion OR [] Replacement Fuel Type: [] Gas [] Oil [] Electric [] Solar Other Fire Suppression/Standpipe System: [] New OR [] Existing Location of Main Control Valve: Location: Total Cost of Fire Protection Work \$ 220.00

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.

Applicant/Contractor sign here: Mark Ebner

Print name here: Mark Ebner

D. TECHNICAL SITE DATA

Certified Contractor [] Exempt Applicant

DESCRIPTION OF WORK: Installation of 7.37, 22 modules of roof mounted Water Supply Source solar arrays. Method of Alarm/Suppression System Supervision

Table with columns: NUMBER, FEE (Office Use Only) \$, and various system categories like Flammable/Combustible Tanks, Alarm Systems, Suppression Systems, Pre-engineered Systems, and Other Systems.

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

JOB SUMMARY (Office Use Only) table with columns: PLAN REVIEW, INSPECTIONS, Dates (Month/Day), and approval signatures.

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

V(L) 2-0023

For delivery information, visit our website at www.usps.com®

OFFICIAL



Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$ _____
- Return Receipt (electronic) \$ _____
- Certified Mail Restricted Delivery \$ _____
- Adult Signature Required \$ _____
- Adult Signature Restricted Delivery \$ _____

Postage

\$

Total Postage and Fees

\$

Sent to

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

Postmark Here
ZIP 08723
02 4W
0000352772 OCT 2002



US POSTAGE

FIRST CLASS PERMIT NO. 1000 NEW YORK, NY

Posigen Soku
519 Central Ave
New Orleans LA 70112

POSTAL BOX NUMBER PLAT LTR

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Posijen Salar NY
 819 Central Ave / Ste 210
 New Orleans LA 70121



0590 9402 6797 1074 8116 14

2. Article Number (Transfer from service label)

7019 1640 0001 0264 4122

COMPLETE THIS SECTION ON DELIVERY**A. Signature**

X

Agent

Addressee

B. Received by (Printed Name)

Posijen

C. Date of Delivery

10/28

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Registered Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Registered Mail Restricted Delivery (over \$500)

USPS TRACKING #



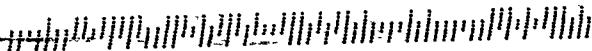
First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

9590 9402 6797 1074 8116 14

**United States
Postal Service**

• Sender: Please print your name, address, and ZIP+4® in this box•

DIVISION OF INSPECTIONS
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE ROAD
BRICK, N.J. 08723





NOTICE AND ORDER OF PENALTY

Permit/Control #: _____
Date Issued: 10/20/2022
Violation #: V-22-00203

IDENTIFICATION

Work Site Location: 2241 LANES MILL RD Brick Township, NJ
Block: 1386.01 Lot: 1 Qualification Code: _____
Owner in Fee: CERVANTES, GEORGE
Owner Address: 2241 LANES MILL ROAD BRICK NJ 08724
Agent/Contractor: POSIGEN SOLAR NJ
Address: 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
To: Owner Other
 Agent/Contractor

ACTION

- On _____, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder. A **Notice of Violation and Order to Terminate**, **Notice of Unsafe Structure**, **Notice of Imminent Hazard** was issued. Reinspection of the work site on _____ revealed the following violation(s) remain:
NJAC 5:23.2.14(a) Working without a permit
Following an investigation, it is found that you have failed to get the required permit for the following work: SOLAR PANELS
- On 10/20/2022, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder, in that you **made a false or misleading written statement, or omitted required required information in an application or request for approval;** or **failed to obtain a construction permit;** or **failed to request required inspections;** or **allowed occupancy prior to receiving a certificate of occupancy.**
- On _____, you were found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder. A **Stop Construction Order** was issued. Reinspection of the work site on _____ revealed a failure to comply with that **Stop Construction Order**.

PENALTY

Therefore, you are hereby **ORDERED** to pay a penalty in the amount of \$2,000.00 for each violation for a total penalty of \$2,000.00.

Further, take **NOTICE** that for each week day that any of the said violations remain outstanding after 11/3/2022 an additional penalty of \$2,000.00 per week day shall result

If you wish to contest this **ORDER**, you may request a hearing before the Construction Board of Appeals of the County of Ocean within 15 days of receipt of this **ORDER** as provided by N.J.A.C. 5:23 A-2.1. The Application of the Construction Board of Appeals may be used for this purpose.

Your application for appeal must be in writing, setting forth your name and address, the address of the building or site in question, the permit number, the specific sections of the Regulations in question, and the extent and nature of your reliance on them. You may include a brief statement setting forth your position and the nature of the relief sought by you. You may also append any documents that you consider useful

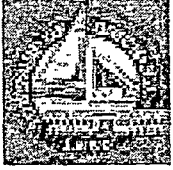
The fee for an appeal is \$100.00 and should be forwarded with your application to the Construction Board of Appeals Office at: CONSTRUCTION BOARD OF APPEALS
PO Box 2191 #5 Mott Place
Toms River, NJ 08754-2191

If you have any questions concerning this matter, please call: (732) 262-1030

NOTICE and ORDER of PENALTY:

Construction Official

Date: 10/20/22



Brick Township
 401 Chambersbridge Rd
 Brick, NJ 08723

Construction Violation

Identification

Work Site Location: 2241 LANES MILL RD Brick Township, NJ
 Block: 1386.01
 Lot: 1
 Owner: CERVANTES, GEORGE
 Owner Address: 2241 LANES MILL ROAD BRICK NJ 08724
 Telephone:
 Agent: POSIGEN SOLAR NJ
 Agent Address: 819 CENTRAL AVE SUITE 210 NEW ORLEAN LA 70121
 Telephone: (609) 256-2943

Infraction Details

Tracking: V-22-00203
 Subcode: Administrative
 Issuing Officer: Daniel F Newman Jr Telephone: (732) 262-1092
 Issue Date: 10/20/2022
 Infraction: Notice and Order of Penalty
 Statute: N.J.A.C. 5:23 Uniform Construction Code Regulations NJAC 5:23.2.14(a) Working without a permit
 Infraction Summary: Following an investigation, it is found that you have failed to get the required permit for the following work: SOLAR PANELS

Certified Mail Number: 70191640000102644122

Enforcement Details

Inspection Date: 10/20/2022
 Notice Date: 10/20/2022
 Compliance Date: 11/3/2022
 Compliance Inspection Date:
 Compliance Summary: The owner or the owner's agent must submit an application for review by the compliance date. Additionally, the work must be inspected, any penalties paid, and a Certificate of Occupancy or Approval issued by this office. Failure to comply will lead to additional enforcement action. Additional enforcement could include additional penalties or subpoenas to appear in Municipal Court.

Fines Details

| | |
|-------------|-------------------|
| Total Due: | \$2,000.00 |
| Total Paid: | \$0.00 |
| Total Owed: | <u>\$2,000.00</u> |

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # 22-01605
DATE ISSUED DEC 22 2022

BLOCK: 1386.01 LOT: 1 QUALIFIER: _____ SITE ADDRESS: 2241 Lanes Mill Rd.

IDENTIFICATION:

1. NAME OF OWNER IN FEE: George Cervantes
COMPLETE ADDRESS: 2241 Lanes Mill Rd Brick NJ 08724
PHON [REDACTED] EMA [REDACTED]

2. NAME OF APPLICANT: Posigen Developer LLC
APPLICANT ADDRESS: 1600 N Olden Ave Suite 9 Ewing NJ 08638
PHONE # 609-335-5375 EMAIL: njpermit@posigen.com

3. RESPONSIBLE PERSON FOR WORK: Vannessa Vogel
PHONE# 609-335-5375 FAX# _____

4. SIGNATURE OF APPLICANT: Vannessa Vogel

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ 75-
OTHER: \$ _____
TOTAL: \$ 75-

REQUIRED BY APPLICANT

RESIDENTIAL:
COMMERCIAL: _____
EXISTING USE: SFR
PROPOSED USE: SFR

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 _____

DESCRIPTION: Installation of 7.37kW 22 panels of roof mounted solar arrays

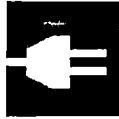
ZONING REVIEW:

DATE REVIEWED: 9-9-22 DATE DENIED: _____ DATE APPROVED: 9-9-22 INTLS: [Signature]

(SEE BACK PAGE)



**ELECTRICAL SUBCODE
TECHNICAL SECTION**



Date Received
Control # **DEC 22 2022**
Date Issued **22-3414**
Permit #

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

Block 1386.01 Lot 1 Qualification Code _____
Work Site Location 2241 Lanes Mill Rd 08724

Owner in Fee: George Cervantes

Tel. (____) _____ Email _____

Address 2241 Lanes Mill Rd Brick 08724
street municipality zip code

Contractor: Posigen Solar, NJ Tel. (____) (609) 457-2435
Address 1600 North Olden Ave, Suite 9 e-mail njpermit@posigen.com
Ewing, NJ, 08638

Contractor License No. 34EI01502400 Exp. Date 3/31/2024

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 45-3761288 FAX: (____) 203-416-6328

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

Pole/Pad # _____ Temporary Other _____

Building Occupied as Residential Home Utility Co. JCP&L

Est. Cost of Elec. Work \$ \$ 8,520.00

| JOB SUMMARY (Office Use Only) | | INSPECTIONS | | Dates (Month/Day) | | |
|--|--|---|---------|-------------------|---------------|--------------------|
| PLAN REVIEW | | Type: | Failure | Failure | Approval | Initial |
| <input type="checkbox"/> No Plans Required | | Rough | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Partial -Underslab Utilities Approved | | Barrier-Free | _____ | _____ | _____ | _____ |
| Date: _____ Approved by: _____ | | Trench | _____ | _____ | _____ | _____ |
| <input checked="" type="checkbox"/> Electric Plans Approved | | Temp. Serv. | _____ | _____ | _____ | _____ |
| Date: <u>12-21-22</u> Approved by: <u>[Signature]</u> | | Constr. Serv. | _____ | _____ | _____ | _____ |
| Joint Plan Review Required: | | TCO | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Bldg. <input type="checkbox"/> Plumb. <input type="checkbox"/> Fire. <input type="checkbox"/> Elev. | | Other | _____ | _____ | _____ | _____ |
| SUBCODE APPROVAL for PERMIT | | Service | _____ | _____ | _____ | _____ |
| Date: <u>12-21-22</u> | | Final | _____ | _____ | <u>1-9-23</u> | <u>[Signature]</u> |
| Approved by: <u>[Signature]</u> | | Barrier-Free | _____ | _____ | _____ | _____ |
| SUBCODE APPROVAL for CERTIFICATE | | Temp. Cut-in-Card Date Issued | _____ | _____ | _____ | _____ |
| <input type="checkbox"/> CO <input type="checkbox"/> CCO <input checked="" type="checkbox"/> CA | | Final Cut-in-Card Date Issued | _____ | _____ | _____ | _____ |
| Date: <u>1-11-23</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: [Signature: Mark Ebner]

Print name here: Mark Ebner

Licensed Elec. Contractor Certifd Landscape Irrigation Contr'r Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Installation of 7.37 kW, 22 modules of roof mounted solar arrays.

| 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 | _____ |
| <u>22</u> | _____ | <u>410</u> Watt Solar Modules | _____ |
| <u>22</u> | _____ | 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 | _____ |
| _____ | _____ | KW Transformer/Generator | _____ |
| <u>1</u> | <u>60</u> | AMP Service Disconnect | _____ |
| _____ | _____ | AMP Motor Control Center | _____ |
| _____ | _____ | KW Elec. Sign/Outline Light | _____ |
| <u>1</u> | <u>7.37</u> | SE7600H-US Inverter | _____ |

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



PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

New Jersey Office of the Attorney General

Division of Consumer Affairs
Board of Examiners of Electrical Contractors
124 Halsey Street, 6th Floor, Newark NJ 07102



ANDREW J. BRUCK
Acting Attorney General

SEAN P. NEAFSEY
Acting Director

Mailing Address:
P.O. Box 45006
Newark, NJ 07101
(973) 504-6410
(973) 504-6534

January 14, 2022

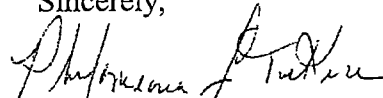
TO WHOM IT MAY CONCERN

Our records indicate that the holder of License and Business Permit No. 34EB01502400 has applied to the Board of Electrical Contractors for a pressure seal which has not yet been issued to him/her by the vendor.

Please accept this sealed letter as an  the furnishing of a seal to:

This letter will be rendered invalid 300 days after the date of its issuance.

Sincerely,


Philameana L. Tucker
Executive Director

PLT:gkb



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Thursday, September 22, 2022

To: CERVANTES, GEORGE
2241 LANES MILL ROAD
BRICK, NJ 08724

RE: Electrical Subcode
Block: 1386.01 Lot: 1 Qual: ~~70~~
~~2241 LANES MILL RD~~
Permit Number: Control Number: C-22-003086
Last Submit Date: Monday, September 12, 2022

Dear CERVANTES, GEORGE,

Your request is hereby denied based upon the following infractions,

1. Need electrical line diagram for system, signed and sealed from design professional.

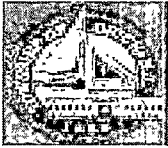
Sincerely,

Stuart Safer, Subcode Official

CC:

10/14 EMAIL DS

11/7/22
Resubmit
Electric



Brick Township
 401 Chambers Bridge Rd.
 Brick, NJ 08723
 (732) 262-1041

Date Issued: _____
 Application Number: ZA-22-01252
 Application Date: 8/31/2022
 Project Number: _____
 Permit Number: _____
 Fee: \$75.00

Zoning Permit

Worksite **2241 LANES MILL RD**
 Location: **Brick Township, NJ 08724**

Owner: **CERVANTES, GEORGE**
 Address: **2241 LANES MILL ROAD**
BRICK, NJ 08724

Applicant: **POSIGEN SOLAR NJ**
 Address: **819 CENTRAL AVE**
SUITE 210
NEW ORLEAN, LA 70121

Block: 1386.01 Lot: 1 Qualifier: _____ Zone: R-20

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

Present Use: Single-Family Residential

- Non Conforming Use Non Conforming Structure

Proposed Use: Single-Family Residential

Work Description:

- **22- 335W HT Solar HT60, 7.37kW SolarEdge inverter, mounted on the roof of the house.**

Additional Zoning Permit is required for additional work.

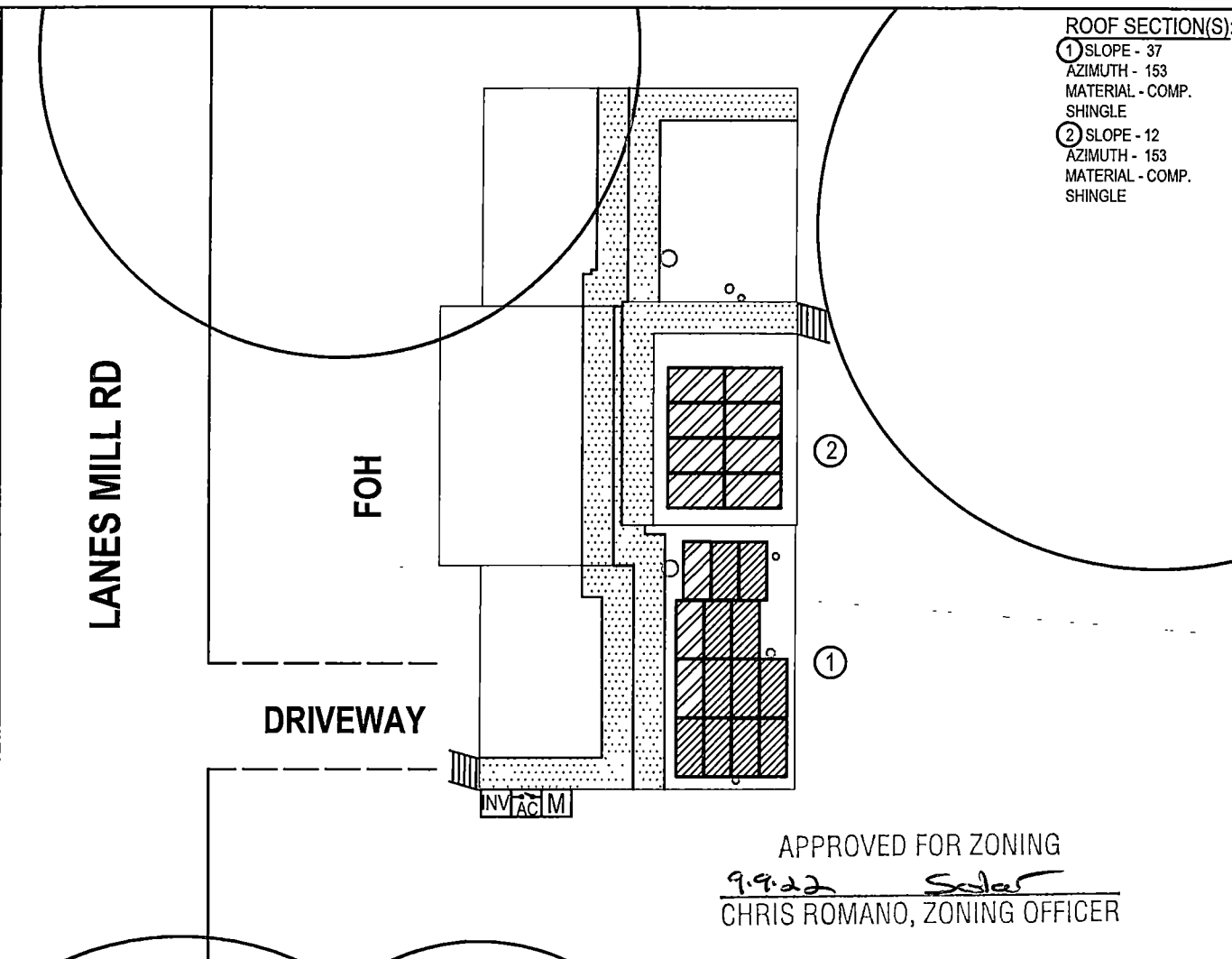
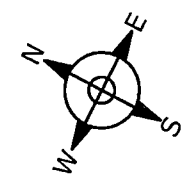
Application Approved Date: 9/9/2022

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

Christopher J. Romano, Zoning Officer

9/9/2022
 Date



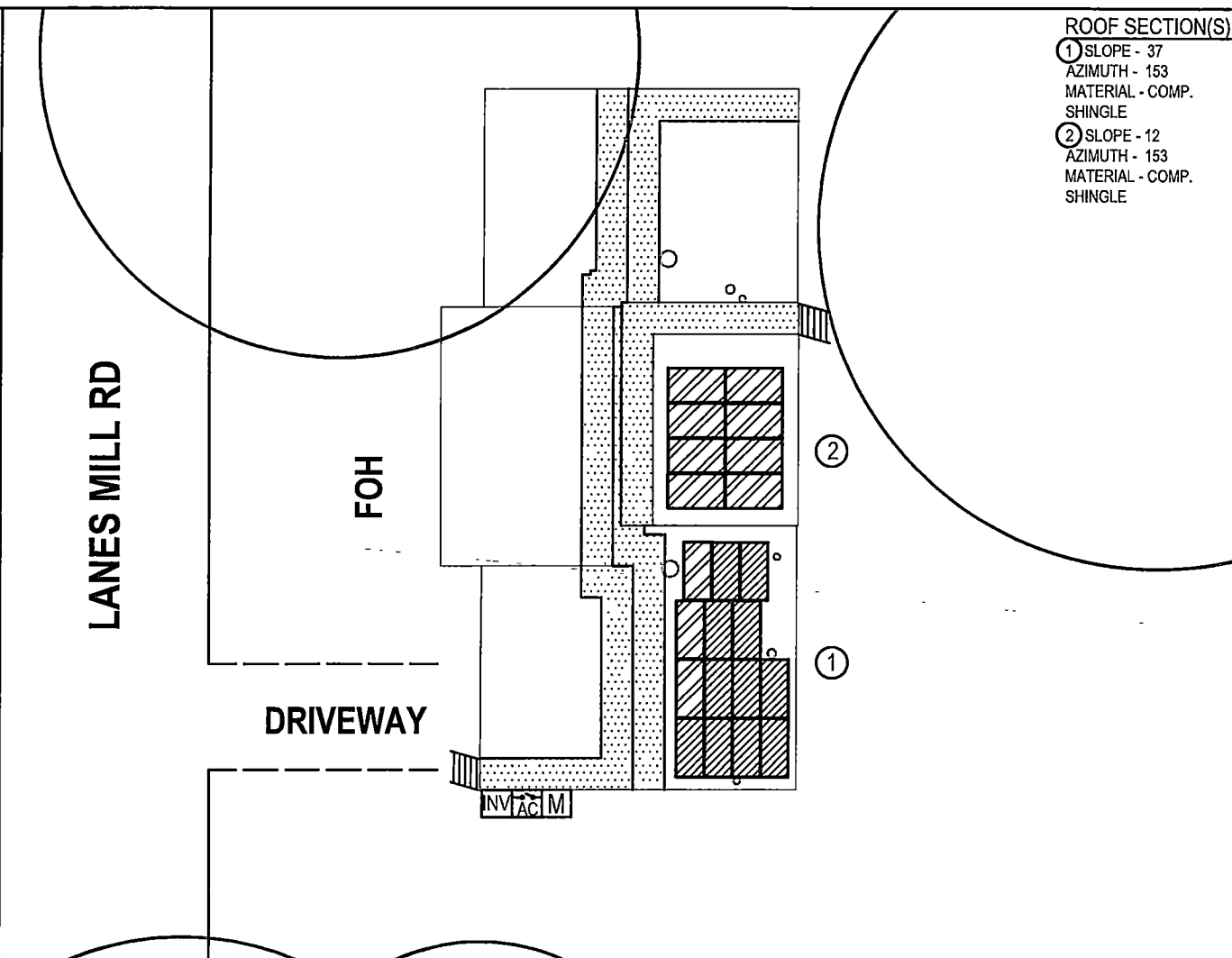
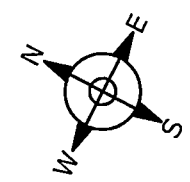
ROOF SECTION(S):
 ① SLOPE - 37
 AZIMUTH - 153
 MATERIAL - COMP. SHINGLE
 ② SLOPE - 12
 AZIMUTH - 153
 MATERIAL - COMP. SHINGLE

LEGEND

- (E) METER
- INVERTER
- AC DISCONNECT
- DC DISCONNECT
- MAIN SERVICE PANEL
- EXISTING TREES
- OBSTRUCTION
- DRIVEWAY
- MODULE
- #1)-11 MODULE
- #2) 11 MODULE
- FIRE CODE OFFSET
- GROUND ACCESS POINT

APPROVED FOR ZONING
 9.9.22 *Solar*
 CHRIS ROMANO, ZONING OFFICER

| | | | | | |
|--|---|---|--|-------|--|
| <p>PosiGen Solar Energy and Energy Efficiency</p> | JOB NUMBER: 161151 | OWNER GEORGE CERVANTES, 2241 LANES MILL RD BRICK, NJ 06724 | DESCRIPTION GEORGE CERVANTES, RESIDENCE 7.37 KWDC ROOF SOLAR SYSTEM PRODUCTION: 6,848KWH | STAMP | <h2 style="margin: 0;">PV-2</h2> <p style="margin: 0;">PAGE NAME: SITE PLAN</p> <p style="margin: 0;">SCALE: 3/32" = 1'-0"</p> <p style="margin: 0;">DATE: 10/21/2021</p> |
| | UTILITY: JERSEY CENTRAL POWER & LIGHT | | | | |
| | RACKING: SNAPRACK RL UNIVERSAL | | | | |
| | MODULES: (22)HT SOLAR HT60 - 156M 335W | | | | |
| | OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER | | | | |
| INVERTER: (1)SOLAREEDGE SE7600H-US | | DESIGNED BY: ENERQUAL | REV: | | |

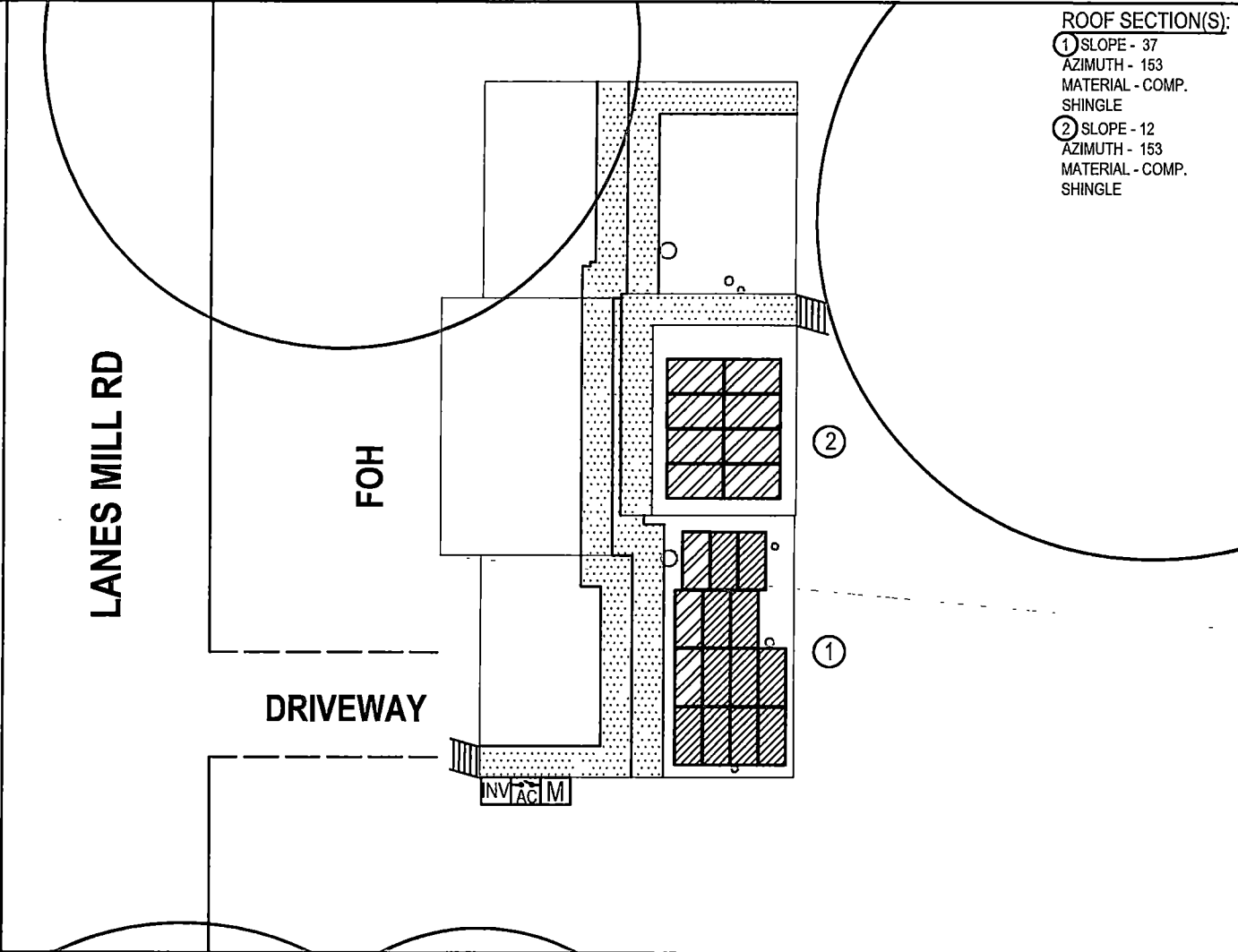
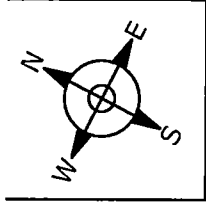


ROOF SECTION(S):
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 MATERIAL - COMP. SHINGLE
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| | | | | | |
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JOB NUMBER: 161151
 UTILITY: JERSEY CENTRAL POWER & LIGHT
 RACKING: SNAPRACK RL UNIVERSAL
 MODULES: (22)HT SOLAR HT60 - 156M 335W
 OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER
 INVERTER: (1)SOLAREEDGE SE7600H-US

OWNER
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

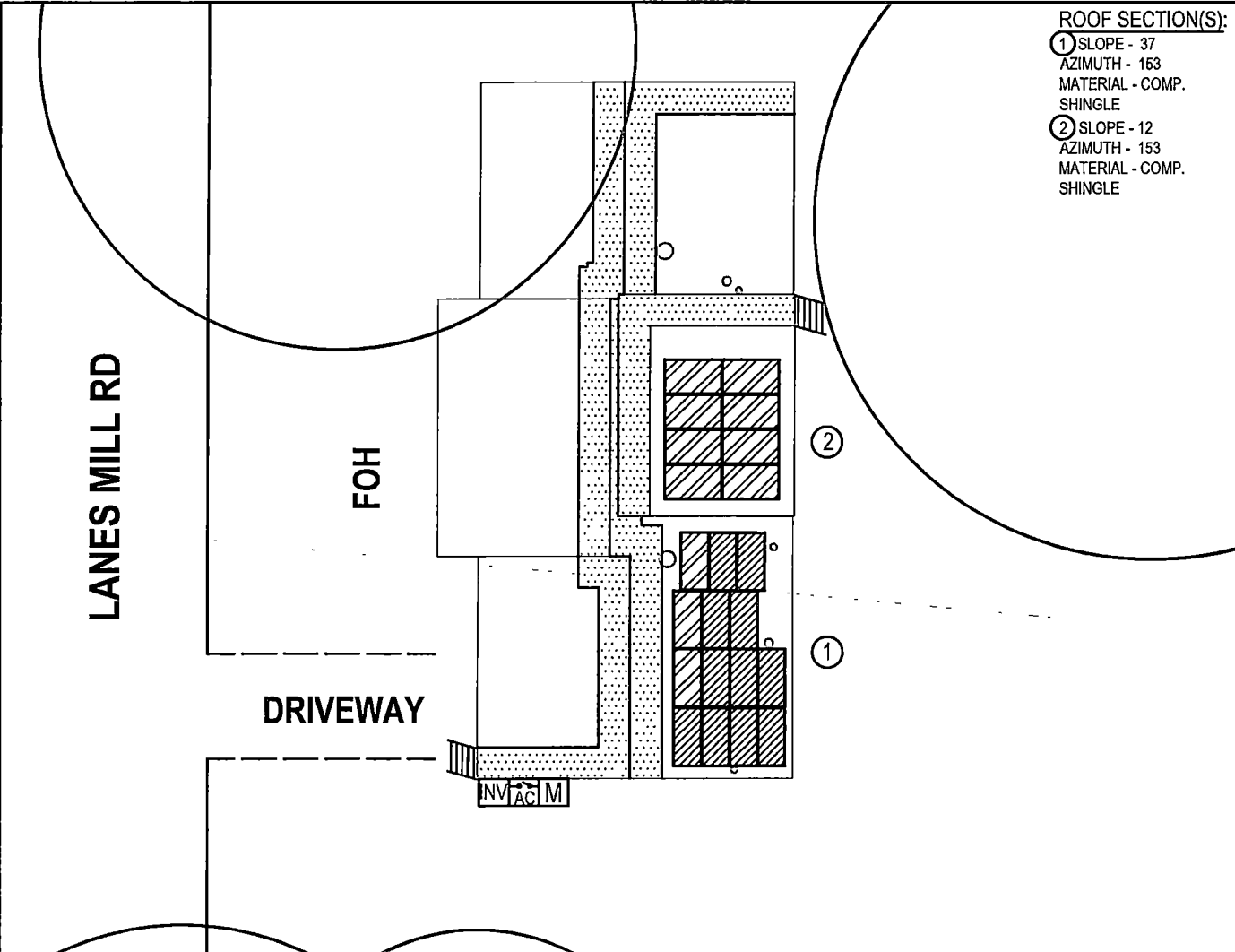
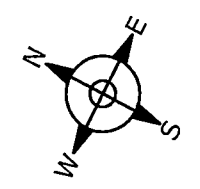
DESCRIPTION:
 GEORGE CERVANTES,
 RESIDENCE
 7.37 kWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848kWH

DESIGNED BY:
ENERQUAL

REV:














STAMP

PV-2
 PAGE NAME:
SITE PLAN
 SCALE:
 3/32" = 1'-0"
 DATE:
 10/21/2021



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OWNER:
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

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 GEORGE CERVANTES,
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 7.37 KWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848KWH

DESIGNED BY:
 ENERQUAL

REV:

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PV-2
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SITE PLAN
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 DATE:
 10/21/2021



PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

New Jersey Office of the Attorney General

Division of Consumer Affairs
Board of Examiners of Electrical Contractors
124 Halsey Street, 6th Floor, Newark NJ 07102



ANDREW J. BRUCK
Acting Attorney General

SEAN P. NEAFSEY
Acting Director

Mailing Address:
P.O. Box 45008
Newark, NJ 07101
(973) 804-8410
(973) 804-8534

January 14, 2022

TO WHOM IT MAY CONCERN

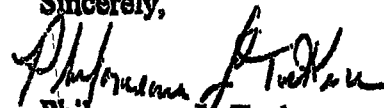
Our records indicate that the holder of License and Business Permit No. 34EB01502400 has applied to the Board of Electrical Contractors for a pressure seal which has not yet been issued to him/her by the vendor.

Please accept this sealed letter as an interim device pending the furnishing of a seal to:

MARK G EBNER
POSIGEN NJ LLC
1600 N Olden Avenue
Trenton NJ 08638

This letter will be rendered invalid 300 days after the date of its issuance.

Sincerely,


Philameana J. Tucker
Executive Director

PLT:gkb

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK _____

PERMIT # _____

BLOCK 1386.01LOT 1ADDRESS 2241 Lanes Mill Rd 08724**IDENTIFICATION:**1. WORK SITE ADDRESS 2241 Lanes Mill Rd 087242. APPLICANT Posigen Developer LLC3. NAME OF OWNER IN FEE George CervantesADDRESS 2241 Lanes Mill Rd Brick NJ 08724

PHON [REDACTED] EMAIL [REDACTED]

4. PRINCIPAL CONTRACTOR Posigen Developer LLCADDRESS 1600 N Olden Ave Suite 9 Ewing, NJ 08638PHONE 609 335 5375 EMAIL NJpermit@posigen.com

5. ARCHITECT OR ENGINEER _____

ADDRESS _____

PHONE _____ EMAIL _____

6. RESPONSIBLE PERSON FOR WORK Vanessa VogelADDRESS 1600 N Olden Ave Suite 9 Ewing NJ 08638PHONE 609 335 5375 EMAIL NJ Permit@posigen.com**PROJECT DESCRIPTION:** GRADING/CLEARING ROAD OPENING SOIL REMOVAL / FILL RETAINING WALL POOL BULKHEAD / DOCK DWELLING TREE REMOVAL COMMERCIAL SITE MAINTENANCE DESCRIPTION Installation of 7.37 kw 22 modules of roof mounted solar array**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 _____



Scott E. Wyssling, PE, PP, CME

Wyssling Consulting
76 North Meadowbrook Drive
Alpine, UT 84004
office (201) 874-3483
swyssling@wysslingconsulting.com

October 28, 2021
revised June 22, 2022

Posigen Solar
1600 Olden Avenue, Unit 10
Ewing, NJ 08638

Re: Engineering Services
Cervantes Residence
2241 Lanes Mill Road, Brick NJ
7.370 kW System

To Whom It May Concern:

Pursuant to your request, we have reviewed the following information regarding solar panel installation on the roof of the above referenced home:

1. Site Visit/Verification Form prepared by a Posigen Solar representative identifying specific site information including size and spacing of rafters for the existing roof structure.
2. Design drawings of the proposed system including a site plan, roof plan and connection details for the solar panels. This information was prepared by Posigen Solar and will be utilized for approval and construction of the proposed system.
3. Photographs of the interior and exterior of the roof system identifying existing structural members and their conditions.

Based on the above information we have evaluated the structural capacity of the existing roof system to support the additional loads imposed by the solar panels and have the following comments related to our review and evaluation:

Description of Residence:

The existing residence is typical wood framing construction with the roof system consisting of 2 x 6 dimensional lumber at 16". The attic space is unfinished and photos indicate that there was free access to visually inspect the size and condition of the roof rafters. All wood material utilized for the roof system is assumed to be Doug-Fir #2 or better with standard construction components. The existing roofing material consists of composite asphalt shingles. Photos of the dwelling also indicate that there is a permanent foundation.

A. Loading Criteria Used

- 115 MPH wind loading based on ASCE 7-16 Exposure Category "B" at a slope of 12 & 37°
- 7 PSF = Dead Load roofing/framing Live Load = 20 PSF Snow Load = 30 PSF
- 3 PSF = Dead Load solar panels/mounting hardware

Total Dead Load = 10 PSF

The above values are within acceptable limits of recognized industry standards for similar structures in accordance with the 2018 IRC. Analysis performed of the existing roof structure utilizing the above loading criteria indicates that the existing rafters will support the additional panel loading without damage, if installed correctly.

B. Solar Panel Anchorage

1. The solar panels shall be mounted in accordance with the most recent "SnapNrack Installation Manual", which can be found on the SnapNrack website (<http://snapnrack.com/>). If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
2. Maximum allowable pullout per lag screw is 235 lbs/inch of penetration as identified in the National Design Standards (NDS) of timber construction specifications for Doug-Fir (North Lumber) assumed. Based on our evaluation, the pullout value, utilizing a penetration depth of 2 1/2", is less than what is allowable per connection and therefore is adequate. Based on the variable factors for the existing roof framing and installation tolerances, using a thread depth of 2 1/2" with a minimum size of 5/16" lag screw per attachment point for panel anchor mounts should be adequate with a sufficient factor of safety.
3. Considering the roof slopes, the size, spacing, condition of roof, the panel supports shall be placed no greater than 64" o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent rafters.

Based on the above evaluation, it is the opinion of this office that with appropriate panel anchors being utilized the roof system will adequately support the additional loading imposed by the solar panels. This evaluation is in conformance with the 2018 IRC, current industry and standards, and based on information supplied to us at the time of this report.

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

Very truly yours,



Scott E. Wyssling, PE
New Jersey License No. 41996

TOWNSHIP OF BRICK

RELEASED FOR PERMIT INITIAL DATE

Building Subcode Reviewer _____

Plumbing Subcode Reviewer _____

Fire Subcode Reviewer _____

Electrical Subcode Reviewer 12-21-22

FILE COPY



Scott E. Wyssling, PE, PP, CME

Wyssling Consulting
76 North Meadowbrook Drive
Alpine, UT 84004
office (201) 874-3483
swyssling@wysslingconsulting.com

TOWNSHIP OF BRICK

October 28, 2021
revised June 22, 2022

| RELEASED FOR PERMIT | INITIAL | DATE |
|---|------------|-----------------|
| Building Subcode _____ | | |
| Posigen Solar Plumbing Subcode _____ | <i>SEW</i> | <i>10/13/22</i> |
| 1600 Olden Avenue, Unit 10 Electrical Subcode _____ | | |
| Ewing, NJ 08638 Plan Reviewer _____ | <i>SEW</i> | <i>10-6-22</i> |
| Plans Released _____ | | |
| Construction Official _____ | | |

Re: Engineering Services
Cervantes Residence
2241 Lanes Mill Road, Brick NJ
7.370 kW System

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FILE COPY

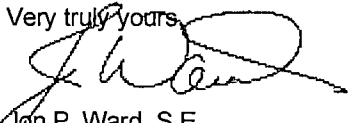
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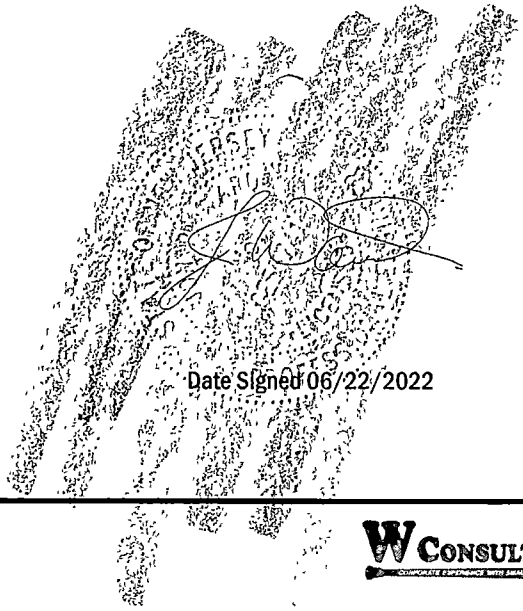
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Should you have any questions regarding the above or if you require further information do not hesitate to contact me.

Very truly yours,


Jon P. Ward, S.E.
New Jersey License No. GE53741


Date Signed 06/22/2022

ABBREVIATIONS

| | |
|------|-------------------------------|
| A | AMPERE |
| AC | ALTERNATING CURRENT |
| BLDG | BUILDING |
| CONC | CONCRETE |
| C | COMBINER BOX |
| D | DISTRIBUTION PANEL |
| DC | DIRECT CURRENT |
| EGC | EQUIPMENT GROUNDING CONDUCTOR |
| (E) | EXISTING |
| EMT | ELECTRICAL METALLIC TUBING |
| GALV | GALVANIZED |
| GEC | GROUNDING ELECTRODE CONDUCTOR |
| GND | GROUND |
| HDG | HOT DIPPED GALVANIZED |
| I | CURRENT |
| Imp | CURRENT AT MAX POWER |
| INVS | INVERTERS |
| Isc | SHORT CIRCUIT CURRENT |
| kVA | KILOVOLT AMPERE |
| kW | KILOWATT |
| LBW | LOAD BEARING WALL |
| MIN | MINIMUM |
| (N) | NEW |
| NEC | NATIONAL ELECTRIC CODE |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| P | PANEL BOARD |
| PL | PROPERTY LINES |
| PV | PHOTOVOLTAIC |
| PVC | POLYVINYL CHLORIDE |
| S | SUBPANEL |
| SCH | SCHEDULE |
| SS | STAINLESS STEEL |
| SSD | SEE STRUCTURAL DIAGRAMS |
| STC | STANDARD TESTING CONDITIONS |
| SWH | SOLAR WATER HEATER |
| TYP | TYPICAL |
| UON | UNLESS OTHERWISE NOTED |
| UPS | UNINTERRUPTIBLE POWER SUPPLY |
| V | VOLT |
| Vmp | VOLTAGE AT MAX POWER |
| Voc | VOLTAGE AT OPEN CIRCUIT |
| W | WATT |
| 3R | NEMA 3R, RAIN TIGHT |

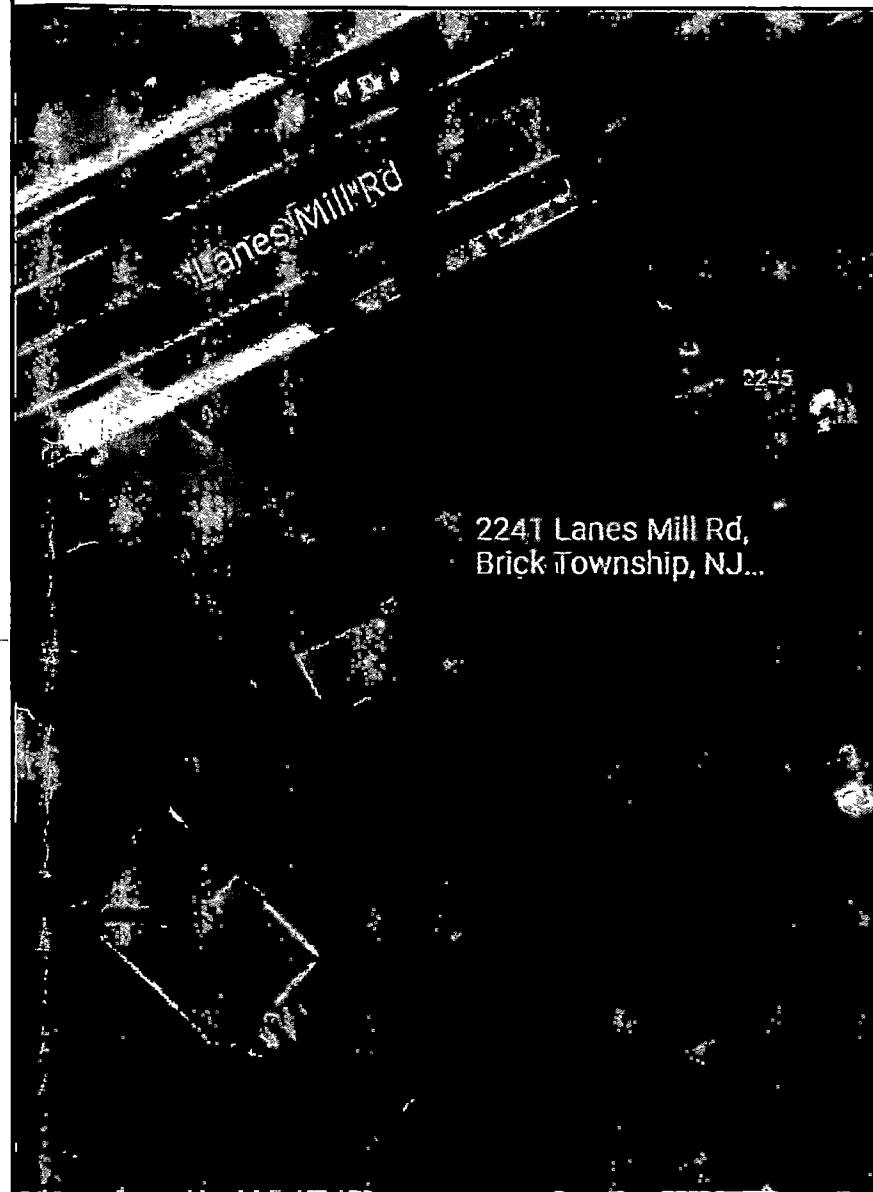
ELECTRICAL NOTES

- WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION, A SIGN WILL BE PROVIDED WARNING OF THE HAZARDS PER ART. 690.17.
- EACH UNGROUNDED CONDUCTOR OF THE MULTIWIRED BRANCH CIRCUIT WILL BE IDENTIFIED BY PHASE AND SYSTEM PER ART. 210.5.
- A NATIONALLY-RECOGNIZED TESTING LABORATORY SHALL LIST ALL EQUIPMENT IN COMPLIANCE WITH ART. 110.3.
- CIRCUITS OVER 250V TO GROUND SHALL COMPLY WITH ART. 250.97, 250.92(B)
- DC CONDUCTORS EITHER DO NOT ENTER BUILDING OR ARE RUN IN METALLIC RACEWAYS OR ENCLOSURES TO THE FIRST ACCESSIBLE DC DISCONNECTING MEANS PER ART. 690.31(E).
- ALL WIRES SHALL BE PROVIDED WITH STRAIN RELIEF AT ALL ENTRY INTO BOXES AS REQUIRED BY UL LISTING.
- MODULE FRAMES SHALL BE GROUNDED AT THE UL-LISTED LOCATION PROVIDED BY THE MANUFACTURER USING UL LISTED GROUNDING HARDWARE.
- ALL EXPOSED METAL PARTS (MODULE FRAMES, RAIL, BOXES, ETC.) SHALL BE GROUNDED USING UL LISTED LAY-IN LUGS LISTED FOR THE PURPOSE. POSTS SHALL BE MADE ELECTRICALLY CONTINUOUS WITH ATTACHED RAIL.
- MODULE FRAMES, RAIL, AND POSTS SHALL BE BONDED WITH EQUIPMENT GROUND CONDUCTORS AND GROUNDED AT THE MAIN ELECTRIC PANEL.
- THE DC GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED ACCORDING TO ART. 250.166(B) & 690.47.

GENERAL NOTES

- THIS SYSTEM IS GRID-INTERTIED VIA A UL-LISTED POWER-CONDITIONING INVERTER.
- THIS SYSTEM HAS NO BATTERIES, NO UPS.
- ALL INVERTERS AND ARRAYS ARE NEGATIVELY GROUNDED.
- SOLAR MOUNTING FRAMES ARE TO BE GROUNDED.

VICINITY



INDEX

| | |
|------|--|
| PV-1 | COVER SHEET |
| PV-2 | SITE PLAN |
| PV-3 | ATTACHMENT PLAN |
| PV-4 | ATTACHMENT DETAIL |
| PV-5 | SINGLE-LINE DIAGRAM |
| PV-6 | SAFETY LABELS |
| | MODULE DATASHEET |
| | OPTIMIZER DATASHEET |
| | INVERTER DATASHEET |
| | MOUNTING SYSTEM DATASHEET |
| | MOUNTING SYSTEM ENGINEERING LETTER |
| | UL 2703 GROUND AND BONDING CERTIFICATION |

APPLICABLE CODE

INTERNATIONAL BUILDING CODE 2018
 INTERNATIONAL FIRE CODE 2018
 INTERNATIONAL RESIDENTIAL CODE 2018
 INTERNATIONAL MECHANICAL CODE 2018
 INTERNATIONAL FUEL GAS CODE 2018
 NFPA 70 NATIONAL ELECTRICAL CODE 2017
 NJ UCC REHABILITATION SUBCODE

TOWNSHIP OF BRICK
 RELEASED FOR PERMIT INITIAL DATE
 Building Subcode
 Plumbing Subcode
 Fire Subcode
 Electrical Subcode
 Plan Reviewer
 Plans Released
 Construction Official

AHJ: BRICK CITY

UTILITY: JERSEY CENTRAL POWER & LIGHT

POSIGEN SOLAR
 1600 Olden Avenue, Unit 10
 Ewing, NJ 08638

LICENSES
 HIC: 13VH09712800
 NJ ELECTRICAL LICENSE
 LIC: 34EI00704600



JOB NUMBER: 161151
UTILITY: JERSEY CENTRAL POWER & LIGHT
RACKING: SNAPRACK RL UNIVERSAL
MODULES: (22)HT SOLAR HT60 - 156M 335W
OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER
INVERTER: (1) SOLAREEDGE SE7600H-US

OWNER:
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

DESCRIPTION:
 GEORGE CERVANTES,
 RESIDENCE
 7.37 KWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848KWH

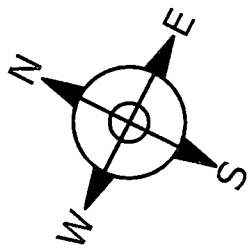
DESIGNED BY:
 ENERQUAL

STAMP

 Date Signed: 10/27/2022

PV-1
 PAGE NAME:
COVER SHEET
 SCALE:
 NTS
 DATE:
 10/21/2021

72-5414 2241 Lanes Mill Rd



ROOF SECTION(S):

- ① SLOPE - 37
AZIMUTH - 153
MATERIAL - COMP. SHINGLE
- ② SLOPE - 12
AZIMUTH - 153
MATERIAL - COMP. SHINGLE

LEGEND

- (E) METER
- INVERTER
- AC DISCONNECT
- DC DISCONNECT
- MAIN SERVICE PANEL
- EXISTING TREES
- OBSTRUCTION
- DRIVEWAY
- MODULE
- #1) 11 MODULE
- #2) 11 MODULE
- FIRE CODE OFFSET
- GROUND ACCESS POINT

LANES MILL RD

FOH

DRIVEWAY

INV AC M

②

①



JOB NUMBER: 161151
 UTILITY: JERSEY CENTRAL POWER & LIGHT
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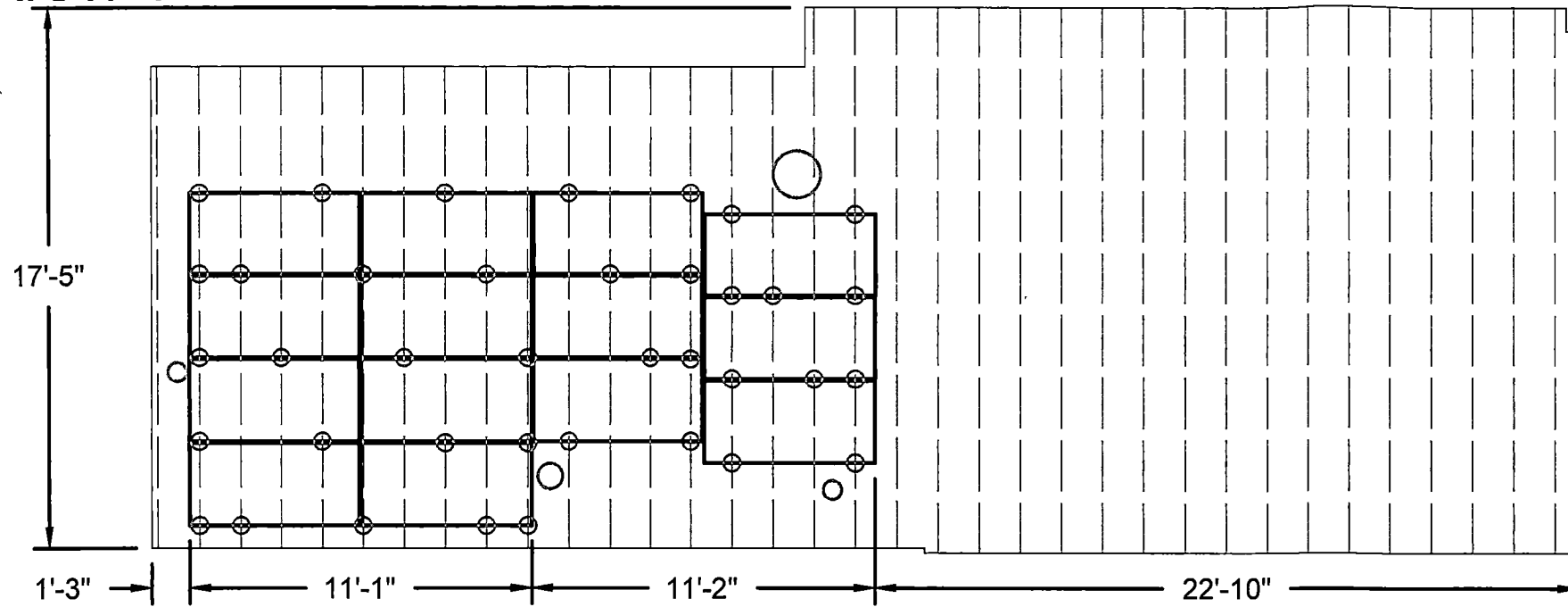
DESIGNED BY:
ENERQUAL

STAMP:

 Wussling Consulting PLLC, LLC
 76 N Meadowbrook Drive, Suite 104
 - New Jersey, CO# 246A28352000
 Date Signed: 10/27/2022

PV-2
 PAGE NAME:
SITE PLAN
 SCALE:
 3/32" = 1'-0"
 DATE:
 10/21/2021

ARRAY 1



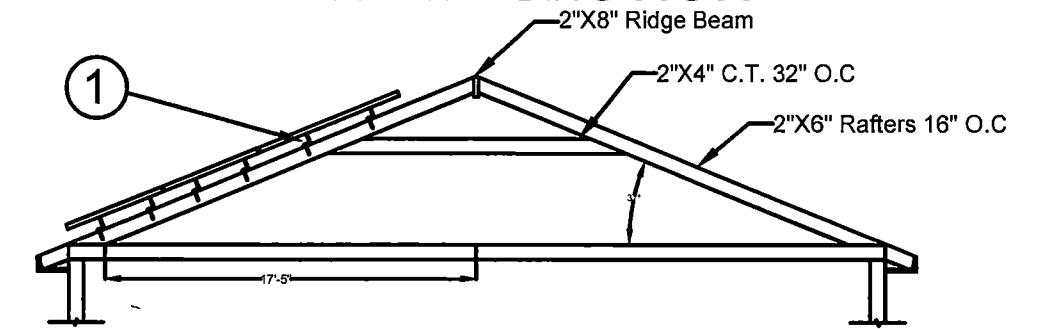
| ARRAY 1 | | ARRAY 2 | |
|-------------------------|---------------|-------------------------|---------------|
| RAFTER PROFILE | 2"X6" | RAFTER PROFILE | 2"X6" |
| RAFTER SPACING | 16"OC | RAFTER SPACING | 16"OC |
| RIDGE PROFILE | 2"X8" | RIDGE PROFILE | 2"X8" |
| C.T. PROFILE | 2"X4" | C.T. PROFILE | 2"X4" |
| C.T. SPACING | 32"OC | C.T. SPACING | 32"OC |
| ROOF PITCH | 37° | ROOF PITCH | 12° |
| ARRAY PITCH | 37° | ARRAY PITCH | 12° |
| ROOF AZIMUTH | 153° | ROOF AZIMUTH | 153° |
| ARRAY AZIMUTH | 153 | ARRAY AZIMUTH | 153 |
| ROOF SURFACE TYPE | COMP. SHINGLE | ROOF SURFACE TYPE | COMP. SHINGLE |
| TOTAL NO OF PENETRATION | 37 | TOTAL NO OF PENETRATION | 19 |
| STORIES | 2 | STORIES | 2 |

LEGEND

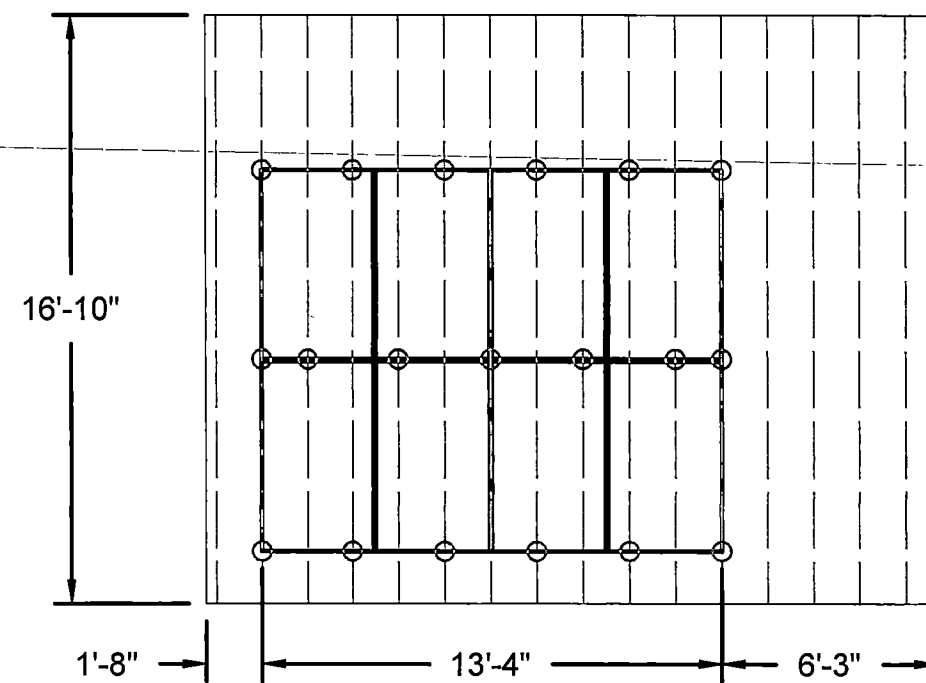
- ROOF
- RAFTERS
- RAIL
- MOUNT
- OBSTRUCTION

TOTAL PENETRATION COUNT: 56

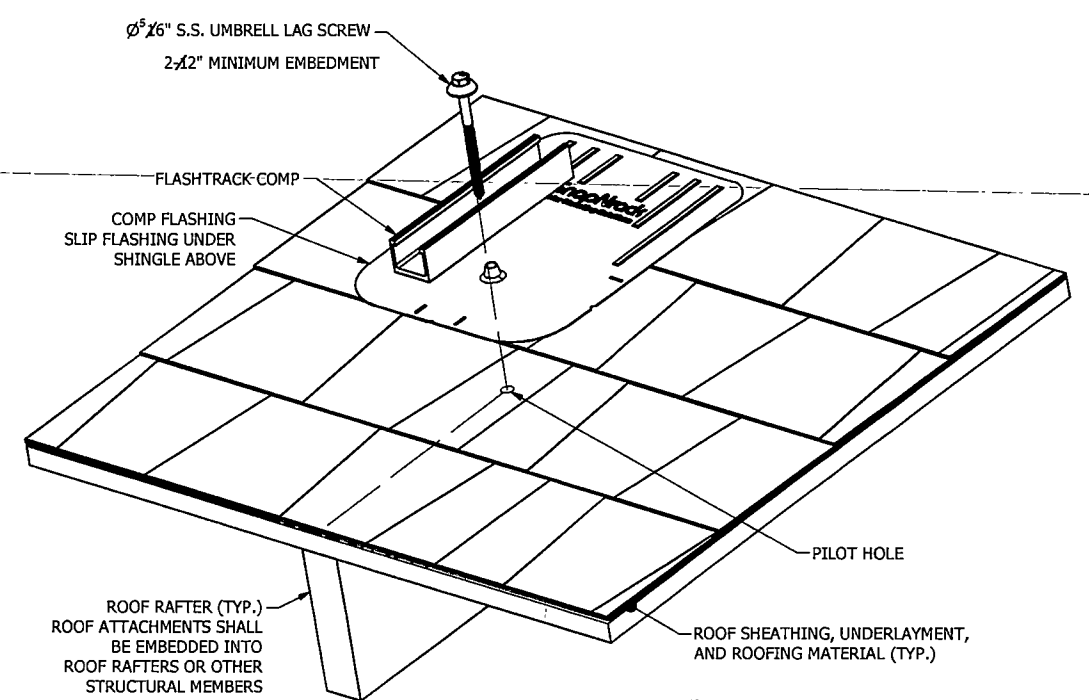
FRAME SECTION



ARRAY 2



MOUNTING DETAIL



JOB NUMBER: 161151
 UTILITY: JERSEY CENTRAL POWER & LIGHT
 RACKING: SNAPRACK RL UNIVERSAL
 MODULES: (22)HT SOLAR HT60 - 156M 335W
 OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER
 INVERTER: (1)SOLAREEDGE SE7600H-US

OWNER:
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

DESCRIPTION:
 GEORGE CERVANTES,
 RESIDENCE
 7.37 KWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848kWH

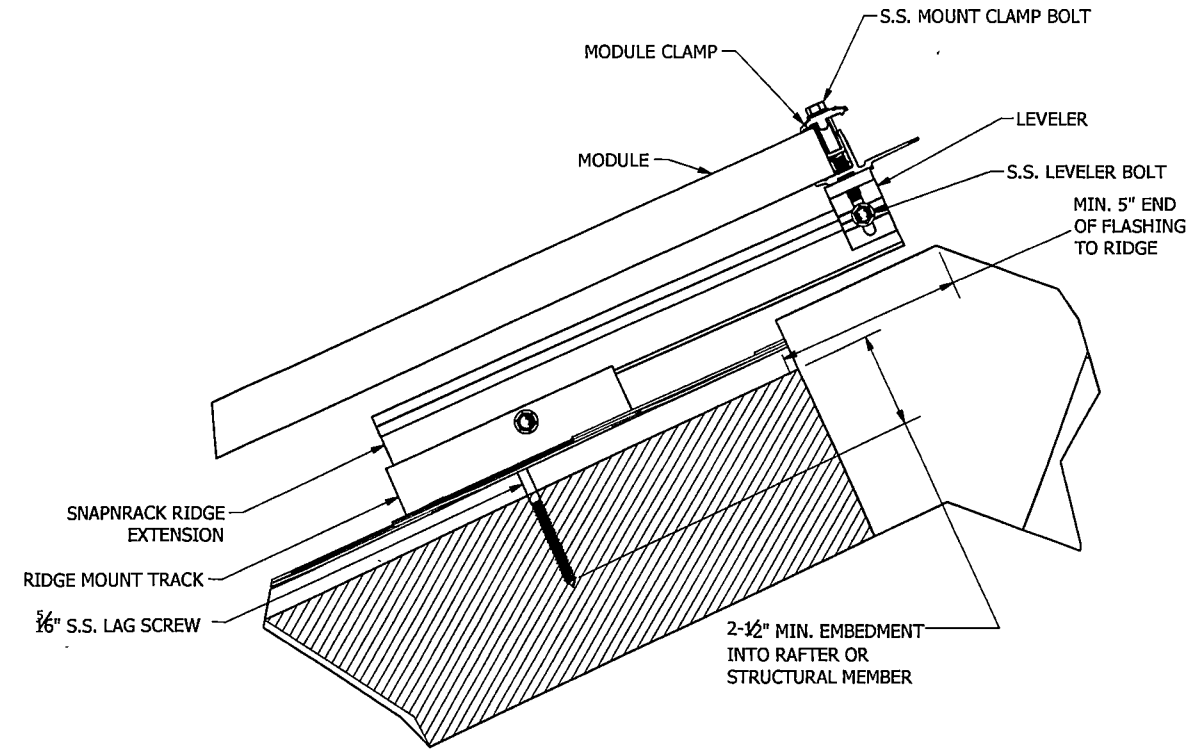
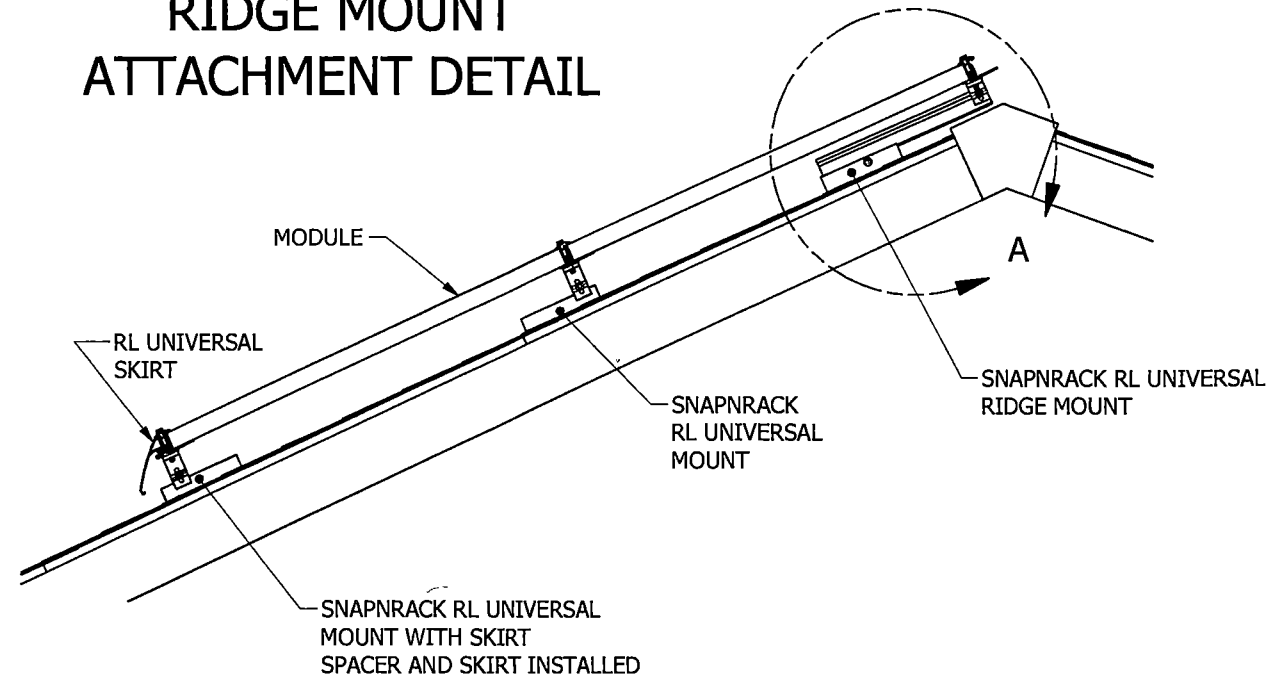
DESIGNED BY:
ENERQUAL

STAMP:

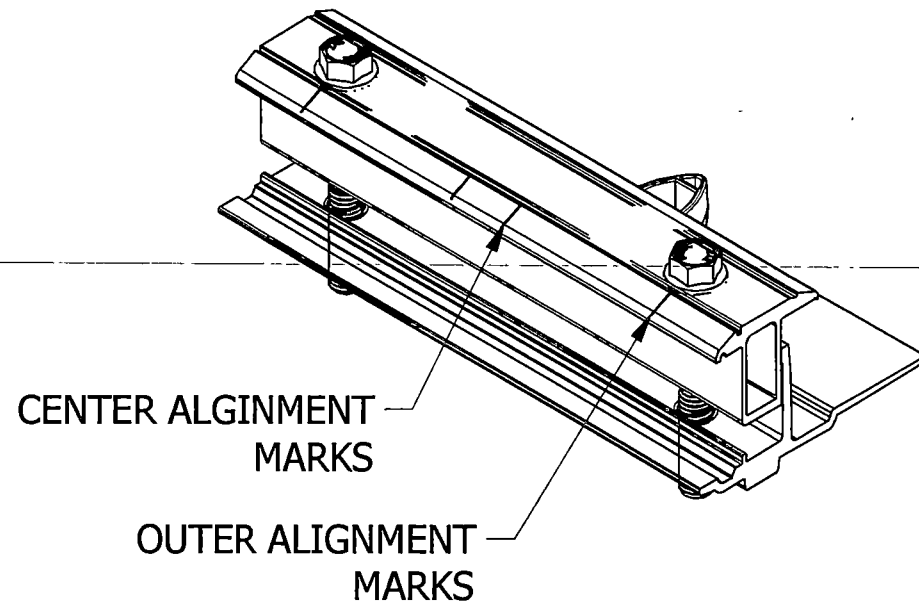
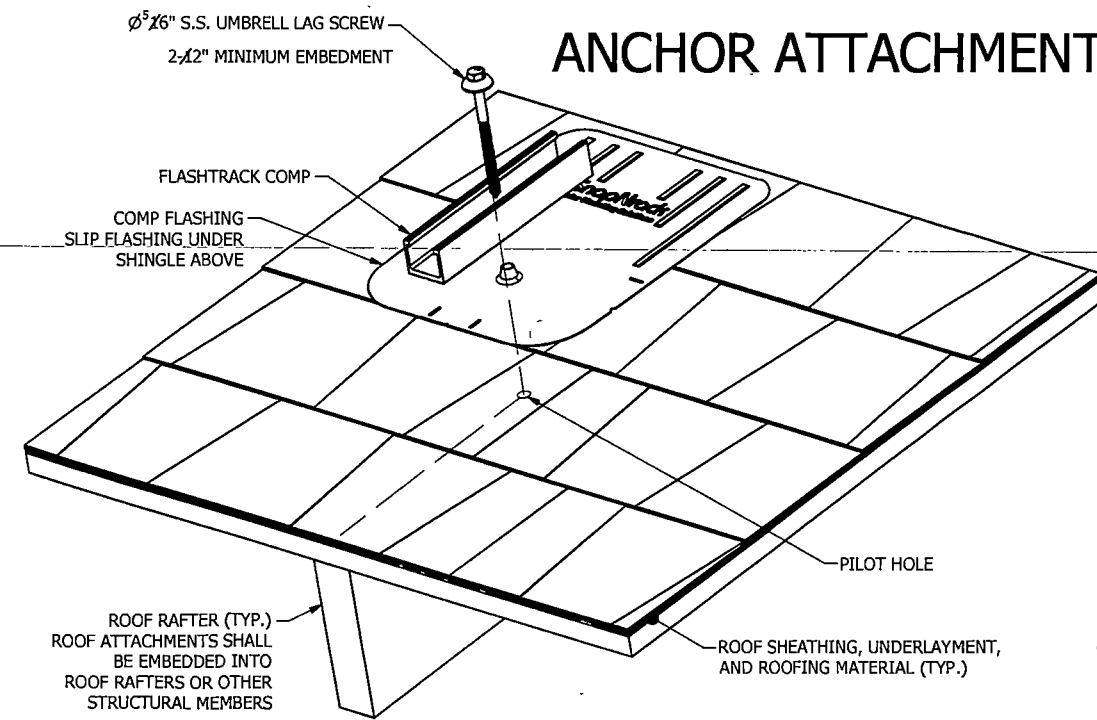
 Wussling Consulting PLLC, LLC
 74 N. Main Street, Suite 200, Wallingford, CT 06495
 New Jersey COA #2106A28352008
 Date Signed 10/27/2022

PV-3
 PAGE NAME:
ATTACHMENT PLAN
 SCALE:
3/16" = 1'-0"
 DATE:
10/21/2021

RIDGE MOUNT ATTACHMENT DETAIL



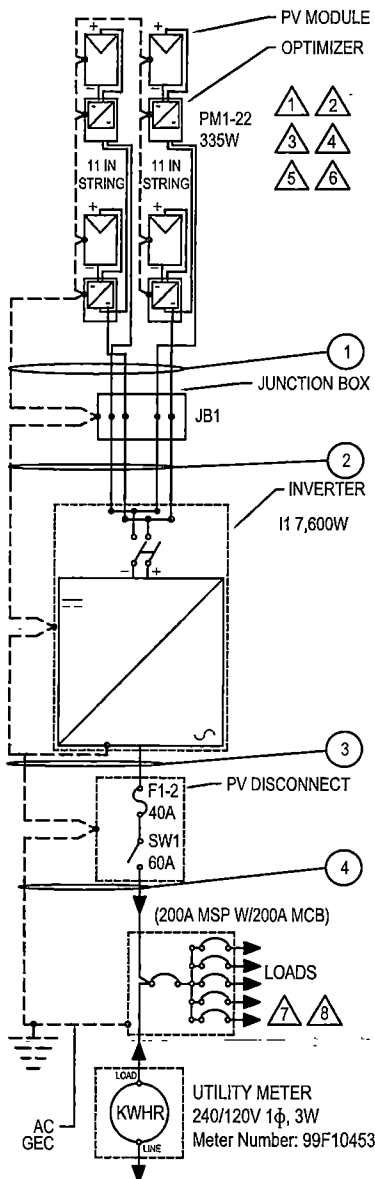
DETAIL A ANCHOR ATTACHMENT DETAIL



SNAPNRACK RL UNIVERSAL LINK ASSEMBLY



| | | | | | |
|--|---|--|---|--|--|
| | JOB NUMBER: 161151 | OWNER: GEORGE CERVANTES, 2241 LANES MILL RD BRICK, NJ 06724 | DESCRIPTION: GEORGE CERVANTES, RESIDENCE 7.37 KWDC ROOF SOLAR SYSTEM PRODUCTION: 6,848KWH | STAMP: Wussling Consulting PLLC. LLC. 7611 Meadowbrook Drive Alpine UT 84004 New Jersey COA #24GA28352000 | PV-4 PAGE NAME: ATTACHMENT DETAIL |
| | UTILITY: JERSEY CENTRAL POWER & LIGHT | | | SCALE: NTS | |
| | RACKING: SNAPNRACK RL UNIVERSAL | | | DESIGNED BY: ENERQUAL | DATE: 10/21/2021 |
| | MODULES: (22)HT SOLAR HT60 - 156M 335W | | | REV: | Date Signed 10/27/2022 |
| | OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER INVERTER: (1)SOLAREEDGE SE7600H-US | | | | |



| MODULES | | | | | | | | | | |
|---------|-----|----------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------------|-------------|
| REF | QTY | MAKE AND MODEL | P _{MAX} | P _{TC} | I _{SC} | I _{MP} | V _{OC} | V _{MP} | TEMP. COEFF. OF V _{OC} | FUSE RATING |
| PM1-22 | 22 | HT-SAAE HT60-156M(V)-C 335 | 335W | 310W | 10.87A | 9.78A | 40.5V | 34.3V | -0.117V/°C (-0.29%/°C) | 15A |

| INVERTERS | | | | | | | | | |
|-----------|------|-----------------------|------------|----------------------|-------------|--------------------|-------------------|-------------------|-------------------------|
| REF. | QTY. | MAKE AND MODEL | AC VOLTAGE | GROUND | RATED POWER | MAX OUTPUT CURRENT | MAX INPUT CURRENT | MAX INPUT VOLTAGE | CEC WEIGHTED EFFICIENCY |
| I1 | 1 | SOLAR EDGE SE7600H-US | 240V | NOT SOLIDLY GROUNDED | 7,600W | 32.0A | 20.0A | 480V | 99.0% |

| OPTIMIZERS | | | | | | | |
|------------|------|-----------------|-------------------|--------------------|---------------|----------------|---------------------|
| REF. | QTY. | MODEL | RATED INPUT POWER | MAX OUTPUT CURRENT | MAX INPUT ISC | MAX DC VOLTAGE | WEIGHTED EFFICIENCY |
| PO1-22 | 22 | SOLAR EDGE P340 | 340W | 15A | 11.0A | 48V | 98.8% |

| DISCONNECTS | | | | OCPDS | | | | |
|-------------|------|--------------------------|---------------|-------------------|------|------|---------------|-------------|
| REF. | QTY. | MAKE AND MODEL | RATED CURRENT | MAX RATED VOLTAGE | REF. | QTY. | RATED CURRENT | MAX VOLTAGE |
| SW1 | 1 | EATON DG222NRB OR EQUIV. | 60A | 240VAC | F1-2 | 2 | 40A | 0VAC |

| SYSTEM SUMMARY | | |
|---------------------------|----------|----------|
| | STRING 1 | STRING 2 |
| DC SOURCE CIRCUIT CURRENT | 15A | 15A |
| NUMBER OF OPTIMIZERS | 11 | 11 |
| NOMINAL STRING VOLTAGE | 400V | 400V |
| ARRAY OPERATING CURRENT | 9.2A | 9.2A |
| ARRAY STC POWER | 7,370W | |
| ARRAY PTC POWER | 6,819W | |
| MAX AC CURRENT | 32A | |
| MAX AC POWER OUTPUT | 7,600W | |
| DERATED AC POWER OUTPUT | 6,670W | |

- ### NOTES
- ⚠ MATING CONNECTORS SHALL COMPLY WITH NEC 690.33
 - ⚠ SOLAR EDGE SYSTEM MEETS REQUIREMENTS FOR PHOTOVOLTAIC RAPID SHUTDOWN SYSTEM (PVRSS), AS PER NEC 690.12(B)
 - ⚠ THE SPECIFIED OPTIMIZER CAN BE SUBSTITUTED WITH A P370, P505, P401, OR P485. THESE OPTIMIZERS HAVE AN INPUT VOLTAGE WINDOW WIDE ENOUGH TO ACCOMMODATE THE OUTPUT VOLTAGE RANGE OF THE MODULE AT THE DESIGN TEMPERATURES, HAVE A MAX INPUT CURRENT RATING THAT IS ABOVE THE MAX OUTPUT CURRENT OF THE MODULE, AND A MAX POWER INPUT THAT IS ABOVE THE RATED POWER OUTPUT OF THE MODULE
 - ⚠ DC PV CONDUCTORS ARE NOT SOLIDLY-GROUNDED. NO DC PV CONDUCTOR SHALL BE WHITE- OR GRAY-COLORED
 - ⚠ ALL METAL ENCLOSURES, RACEWAYS, CABLES AND EXPOSED NONCURRENT-CARRYING METAL PARTS OF EQUIPMENT SHALL BE GROUNDED TO EARTH AS REQUIRED BY NEC 250.4(A) AND PART III OF ARTICLE 250 AND EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED ACCORDING TO NEC 690.45. THE GROUNDING ELECTRODE SYSTEM SHALL ADHERE TO NEC 690.47(A) AND NEC 250.169. THE DC GROUNDING ELECTRODE SHALL BE SIZED ACCORDING TO NEC 250.166 AND INSTALLED IN COMPLIANCE WITH NEC 250.64
 - ⚠ MAX DC VOLTAGE OF ARRAY FIXED BY THE INVERTER AT 400V REGARDLESS OF TEMPERATURE. THE MAX DC VOLTAGE OF THE MODULE AT -15°C IS 45.2V (-15°C - 25°C) X -0.117V/°C + 40.5V = 45.2V.
 - ⚠ POINT-OF-CONNECTION IS ON THE SUPPLY SIDE OF SERVICE DISCONNECT, INSIDE PANELBOARD ENCLOSURE USING UNUSED TERMINALS, TERMINALS THAT ARE SUITABLE FOR DOUBLE LUGGING, OR USING OTHER LOCALLY-APPROVED METHODS AND HARDWARE, IN COMPLIANCE WITH NEC 705.12(A). THE PANELBOARD SHALL HAVE SUFFICIENT SPACE TO ALLOW FOR ANY TAP HARDWARE AS REQUIRED BY NEC 110.3 AND NEC 312.8(A)
 - ⚠ PV SYSTEM DISCONNECT SHALL BE A VISIBLE KNIFE-BLADE TYPE DISCONNECT THAT IS ACCESSIBLE AND LOCKABLE BY THE UTILITY. THE DISCONNECT SHALL BE LOCATED WITHIN 10 FT OF UTILITY METER. DISCONNECT SHALL BE GROUNDED IN ACCORDANCE WITH NEC 230.72

| CONDUCTOR AND CONDUIT SCHEDULE W/ELECTRICAL CALCULATIONS | | | | | | | | | | | | | | |
|--|---------|------------------------|-----------------|--|------|-----------------------|--------------------|-------------|---------------|--------------------|-----------|--------------|--------------------|--------------------------|
| ID | TYPICAL | CONDUCTOR | CONDUIT / CABLE | CURRENT-CARRYING CONDUCTORS IN CONDUIT / CABLE | OCPD | EGC | TEMP. CORR. FACTOR | FILL FACTOR | CONT. CURRENT | MAX CURRENT (125%) | BASE AMP. | DERATED AMP. | TERM. TEMP. RATING | AMP @ TERM. TEMP. RATING |
| 1 | 2 | 10 AWG PV WIRE, COPPER | FREE AIR | N/A | N/A | 6 AWG BARE, COPPER | 0.76 (55°C) | 1.0 | 15A | 18.75A | 55A | 41.8A | 75°C | 50A |
| 2 | 1 | 10 AWG THWN-2, COPPER | 0.75" DIA. EMT | 4 | N/A | 10 AWG THWN-2, COPPER | 0.96 (33°C) | 0.8 | 15A | 18.75A | 40A | 30.72A | 90°C | 40A |
| 3 | 1 | 8 AWG THWN-2, COPPER | 0.75" DIA. EMT | 2 | 40A | 8 AWG THWN-2, COPPER | 0.96 (33°C) | 1.0 | 32A | 40A | 55A | 52.8A | 75°C | 50A |
| 4 | 1 | 6 AWG THWN-2, COPPER | 0.75" DIA. EMT | 2 | 40A | 10 AWG THWN-2, COPPER | 0.96 (33°C) | 1.0 | 32A | 40A | 75A | 72A | 75°C | 65A |

Meter Number: S60232029

Onal E...

- ### GENERAL ELECTRICAL NOTES
- 1 UTILITY HAS 24-HR UNRESTRICTED ACCESS TO ALL PHOTOVOLTAIC SYSTEM COMPONENTS LOCATED AT THE SERVICE ENTRANCE.
 - 2 CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC ARTICLE 300.6 (C) (1) AND ARTICLE 310.10 (D).
 - 3 CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC ARTICLE 310.10 (C).

- ### GROUNDING NOTES
- 1 ALL EQUIPMENT SHALL BE PROPERLY GROUNDED PER THE REQUIREMENTS OF NEC ARTICLES 250 & 690
 - 2 PV MODULES SHALL BE GROUNDED TO MOUNTING RAILS USING MODULE LUGS OR RACKING INTEGRATED GROUNDING CLAMPS AS ALLOWED BY LOCAL JURISDICTION. ALL OTHER EXPOSED METAL PARTS SHALL BE GROUNDED USING UL-LISTED LAY-IN LUGS.
 - 3 INSTALLER SHALL CONFIRM THAT MOUNTING SYSTEM HAS BEEN EVALUATED FOR COMPLIANCE WITH UL 2703 "GROUNDING AND BONDING" WHEN USED WITH PROPOSED PV MODULE.
 - 4 IF THE EXISTING MAIN SERVICE PANEL DOES NOT HAVE A VERIFIABLE GROUNDING ELECTRODE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL A SUPPLEMENTAL GROUNDING ELECTRODE.
 - 5 AC SYSTEM GROUNDING ELECTRODE CONDUCTOR (GEC) SHALL BE A MINIMUM SIZE #8AWG WHEN INSULATED, #6AWG IF BARE WIRE.
 - 6 EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED ACCORDING TO NEC ARTICLE 690.45, AND BE A MINIMUM OF #10AWG WHEN NOT EXPOSED TO DAMAGE, AND #6AWG SHALL BE USED WHEN EXPOSED TO DAMAGE
 - 7 GROUNDING AND BONDING CONDUCTORS, IF INSULATED, SHALL BE COLOR CODED GREEN, OR MARKED GREEN IF #4AWG OR LARGER

1 SINGLE-LINE DIAGRAM
SCALE: NTS

161151

PosiGen
Pure Production Energy

GRID-TIED SOLAR POWER SYSTEM

George Cervantes 2241
Lanes Mill Rd
Brick New Jersey 08724

SINGLE-LINE DIAGRAM

PROJECT ID: 161151
DATE: 10/28/2021
CREATED BY: DE
CHECKED BY:

REVISIONS

| NO. | DESCRIPTION |
|-----|-------------|
| | |
| | |

PV-5

DC RACEWAYS

2

SW1 - DISCONNECT
(EATON DG222NRB)

3 5 6

I1 - INVERTER
(SOLAR EDGE SE7600H-US000BXX4)

3 4

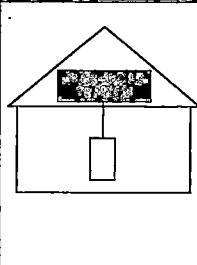
MSP - MAIN SERVICE PANEL

1 7

1 SEE NOTE NO. 4 (MSP)

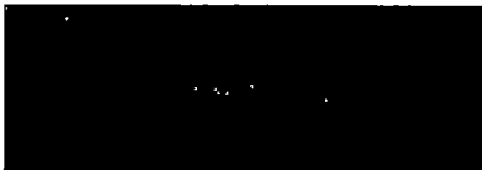
PHOTOVOLTAIC SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE 'OFF' POSITION TO SHUT DOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN THE ARRAY.



IFC1204.5.1, 1204.5.1 AND NEC690.56(C)(1)

6 AC SOLAR DISCONNECT (SW1)



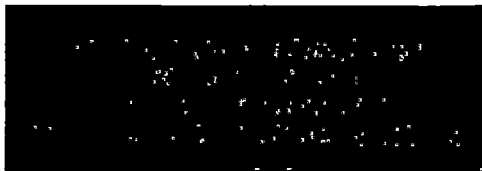
NEC690.13(B)

2 SEE NOTE NO. 5 (DC RACEWAYS)



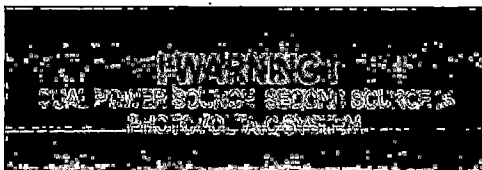
NEC690.31(G)(3)

4 DC DISCONNECT (I1)



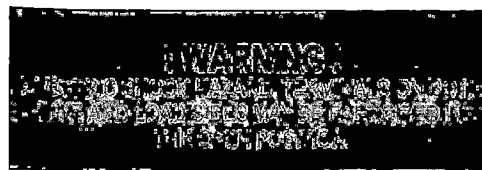
NEC690.53

7 ANY AC ELECTRICAL PANEL THAT IS FED BY BOTH THE UTILITY AND THE PHOTOVOLTAIC SYSTEM (MSP)



NEC705.12(B)(3)

3 EACH DISCONNECTING MEANS FOR PHOTOVOLTAIC EQUIPMENT (SW1, I1)



NEC690.13(B)

5 AC DISCONNECT (SW1)

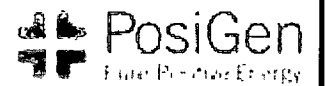


NEC690.54

LABELING NOTES

| | |
|---|---|
| 1 | ALL PLAQUES AND SIGNAGE REQUIRED BY 2017 NEC AND 2018 IFC WILL BE INSTALLED AS REQUIRED. |
| 2 | LABELS, WARNING(S) AND MARKING SHALL COMPLY WITH ANSI Z535.4, WHICH REQUIRES THAT DANGER, WARNING, AND CAUTION SIGNS USED THE STANDARD HEADER COLORS, HEADER TEXT, AND SAFETY ALERT SYMBOL ON EACH LABEL. THE ANSI STANDARD REQUIRES A HEADING THAT IS AT LEAST 50% TALLER THAN THE BODY TEXT, IN ACCORDANCE WITH NEC 110.21(B). |
| 3 | A PERMANENT PLAQUE OR DIRECTORY SHALL BE INSTALLED PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM DISCONNECTING MEANS IF NOT IN THE SAME LOCATION IN ACCORDANCE WITH NEC 690.56(B). |
| 4 | LABEL(S) WITH MARKING, "TURN RAPID SHUTDOWN SWITCH TO THE 'OFF' POSITION TO SHUT DOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN THE ARRAY," SHALL BE LOCATED WITHIN 3 FT OF SERVICE DISCONNECTING MEANS. THE TITLE SHALL UTILIZE CAPITALIZED LETTERS WITH A MINIMUM HEIGHT OF 3/8" IN BLACK ON A YELLOW BACKGROUND, AND REMAINING TEXT SHALL BE CAPITALIZED WITH A MINIMUM HEIGHT OF 3/16" IN BLACK ON WHITE BACKGROUND. |
| 5 | LABEL(S) WITH MARKING, "WARNING PHOTOVOLTAIC POWER SOURCE," SHALL BE LOCATED AT EVERY 10 FEET OF EACH DC RACEWAY AND WITHIN ONE FOOT OF EVERY TURN OR BEND AND WITHIN ONE FOOT ABOVE AND BELOW ALL PENETRATIONS OF ROOF/CEILING ASSEMBLIES, WALLS AND BARRIERS. THE LABEL SHALL HAVE 3/8" TALL LETTERS AND BE REFLECTIVE WITH WHITE TEXT ON A RED BACKGROUND. |

161151



GRID-TIED SOLAR POWER SYSTEM

George Cervantes
2241 Lanes Mill Rd
Brick New Jersey 08724

SAFETY LABELS

| |
|------------------|
| DOC ID: |
| DATE: 10/28/2021 |
| CREATOR: |
| REVIEWER: |

| REVISIONS | |
|-----------|--|
| | |
| | |
| | |

PV-6

Reliable State-owned Enterprise Deliver Solar Power since 1960s

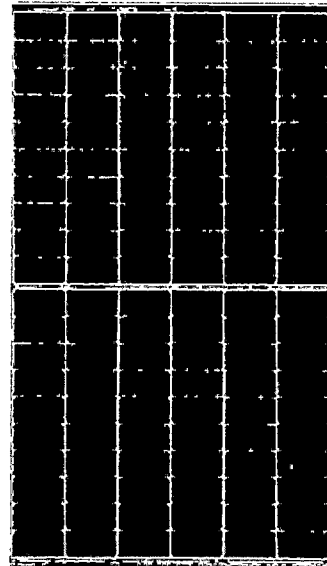


1.1V means 11.00V module

HT60-156M-C
HT60-156M(V)-C

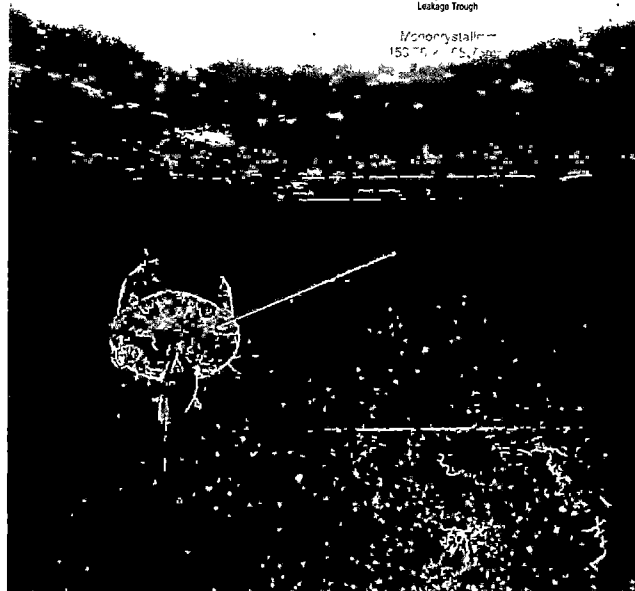
NEW Big Size Cell 158.75*158.75

315W / 320W / 325W
330W / 335W



- Module Efficiency 19.8%
- No of Cells 60 (6 x 10)
- Weight 18.2g
- Dimension 1665mm*1067mm 15mm

- (Optional) Design of Water Leakage Trough



Microcrack resistant
150% / 15.7mm

Shanghai Aerospace Automobile
Electromechanical Co., Ltd.
Website: www.ht-saae.com



Factory
Hanting Road, Shanghai, China
Tianjin, Tianjin, China

10Ys
Products
Warranty

MBB The optimized
number and width of
main gate lines,
Maximize the light
receiving area of
components and
Reduce component
power consumption

25Ys
Warranty on
power output

Designed for high
voltage systems of up
to 1500 VDC, increas-
ing the string length of
solar systems and
saving on BoS costs

PID
PID Resistant

EL
Microcrack
resistant
Double glass
structure enhance
reliability, triple EL
tested of high
quality control.

All the modules are
sorted and packaged
by amperage, reducing
mismatch losses and
maximizing system
output.

Entire module
certified to with
stand extreme wind
(2400 Pa) and snow
loads (5400 Pa)

5W
Positive tolerance
0/+5W guaranteed

Comprehensive and first-rate
certification system

IEC61215 2016 IEC61730 2016 Latest Standard
ISO9001, ISO14001 and OHSAS18001,
meeting the highest international standards

Warranty partner



IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com

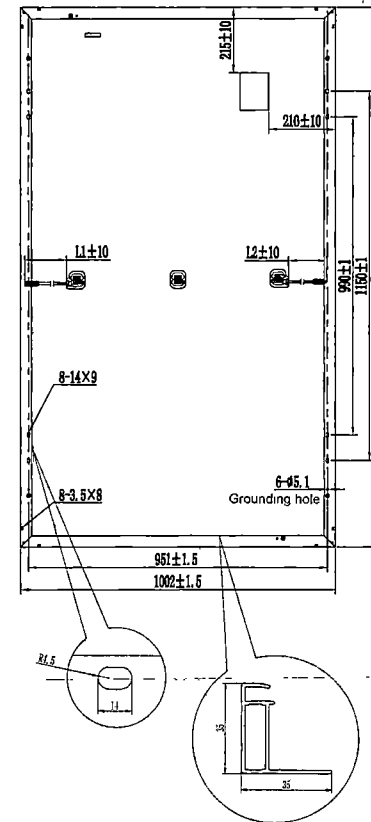
Munich RE

www.munichre.com/PVWarrantyPartner

MULTIWAY+
Better Choice For Higher Efficiency!

HT60-156M-C
HT60-156M(V)-C
1.1V means 11.00V module
315W/320W/325W/330W/335W

Engineering Drawing



Electrical Characteristics

| Module | HT60-156M-C / HT60-156M(V)-C | | | | |
|---------------------------------|------------------------------|--------|--------|--------|--------|
| Maximum Power at STC (Pmax) | 315W | 320W | 325W | 330W | 335W |
| Open-Circuit Voltage (Voc) | 40.1V | 40.2V | 40.3V | 40.4V | 40.5V |
| Short-Circuit Current (Isc) | 10.36A | 10.49A | 10.61A | 10.74A | 10.87A |
| Optimum Operating Voltage (Vmp) | 33.7V | 33.8V | 33.9V | 34.1V | 34.3V |
| Optimum Operating Current (Imo) | 9.37A | 9.49A | 9.60A | 9.69A | 9.78A |
| Module Efficiency | 18.7% | 19.0% | 19.3% | 19.6% | 19.9% |
| Power Tolerance | 0 ~ +5W | | | | |
| Maximum System Voltage | 1000V / 1500V DC(IEC) | | | | |
| Maximum Series Fuse Rating | 15A | | | | |
| Operating Temperature | -40 °C to +85 °C | | | | |

NOCT

| Module | HT60-156M-C / HT60-156M(V)-C | | | | |
|-------------------------------|------------------------------|-------|-------|-------|-------|
| Maximum Power | 233W | 237W | 241W | 244W | 248W |
| Open-Circuit Voltage (Voc) | 37.9V | 38.0V | 38.1V | 38.2V | 38.3V |
| Short-Circuit Current (Isc) | 8.37A | 8.47A | 8.57A | 8.67A | 8.78A |
| Maximum Power Voltage (Vmp) | 31.8V | 31.9V | 32.0V | 32.2V | 32.4V |
| Maximum Circuit Current (Imp) | 7.35A | 7.43A | 7.53A | 7.58A | 7.65A |
| NOCT | 45°C±2°C | | | | |

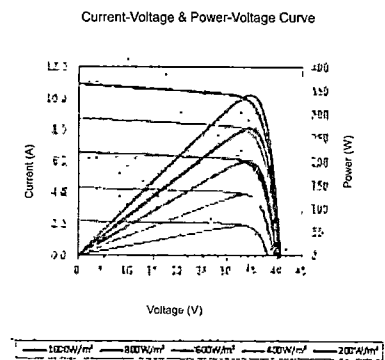
Mechanical Characteristics

| | |
|-------------------------|---------------------------------------|
| Solar Cells | Monocrystalline 158.75 x 79.375mm |
| No of Cells | 120 (6 x 20) |
| Dimensions | 1684mm x 1002mm x 35mm |
| Weight | 19.0kg |
| Front Glass | High transmission tempered glass |
| Frame | Anodized aluminum alloy |
| Junction Box | IP67 |
| Cable | 4mm ² (IEC) Length 900mm |
| Connectors | MC4 / MC3 Compatible |
| Packaging Configuration | 30pcs / box, 780pcs / 40'HQ Container |

Temperature Characteristics

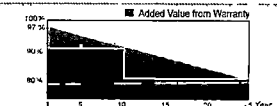
| | | |
|---------------------------------|---------|----------|
| Temperature Coefficient of Pmax | γ (Pm) | -0.39%/K |
| Temperature Coefficient of Voc | β (Voc) | -0.29%/K |
| Temperature Coefficient of Isc | α (Isc) | 0.049%/K |

I-V Curves



Warranty

10-year product warranty
25-year warranty on power output
Customer information is referred
to the product quality guarantee



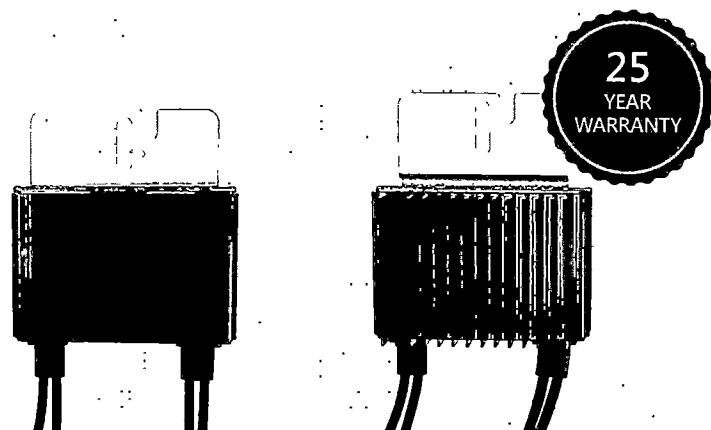
Information Box

The module recycling should be carried out by the professional institutions at the the end of module life cycle

Power Optimizer

For North America

P320 / P340 / P370 / P400 / P405 / P505



POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com

solaredge

/ Power Optimizer

For North America

P320 / P340 / P370 / P400 / P405 / P505

| Optimizer model (typical module compatibility) | P320 (for 60-cell modules) | P340 (for high-power 60-cell modules) | P370 (for higher-power 60 and 72-cell modules) | P400 (for 72 & 96-cell modules) | P405 (for thin film modules) | P505 (for higher current modules) | | |
|---|---------------------------------|---------------------------------------|--|----------------------------------|----------------------------------|-----------------------------------|--|---------|
| INPUT | | | | | | | | |
| Rated Input DC Power ¹ | 320 | 340 | 370 | 400 | 405 | 505 | W | |
| Absolute Maximum Input Voltage (Voc at lowest temperature) | 48 | | 60 | 80 | 125 ^{2,1} | 83 ^{1,1} | Vdc | |
| MPPT Operating Range | 8 - 48 | | 8 - 60 | 8 - 80 | 12.5 - 105 | 12.5 - 83 | Vdc | |
| Maximum Short Circuit Current (Isc) | 11 | | | 10.1 | | 14 | Adc | |
| Maximum DC Input Current | 13.75 | | | 12.63 | | 17.5 | Adc | |
| Maximum Efficiency | | | | | | | 99.5 | % |
| Weighted Efficiency | | | | | | | 98.8 | % |
| Overvoltage Category | | | | | | | II | |
| OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREdge INVERTER) | | | | | | | | |
| Maximum Output Current | | | | | | | 15 | Adc |
| Maximum Output Voltage | 60 | | | 85 | | | Vdc | |
| OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREdge INVERTER OR SOLAREdge INVERTER OFF) | | | | | | | | |
| Safety Output Voltage per Power Optimizer | | | | | | | 1 ± 0.1 | Vdc |
| STANDARD COMPLIANCE | | | | | | | | |
| EMC | | | | | | | FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3 | |
| Safety | | | | | | | IEC62109-1 (class II safety), UL1741 | |
| RoHS | | | | | | | Yes | |
| INSTALLATION SPECIFICATIONS | | | | | | | | |
| Maximum Allowed System Voltage | | | | | | | 1000 | Vdc |
| Compatible inverters | | | | | | | All SolarEdge Single Phase and Three Phase Inverters | |
| Dimensions (W x L x H) | 128 x 152 x 28 / 5 x 5.97 x 1.1 | | 128 x 152 x 36 / 5 x 5.97 x 1.42 | 128 x 152 x 50 / 5 x 5.97 x 1.96 | 128 x 152 x 59 / 5 x 5.97 x 2.32 | | mm / in | |
| Weight (including cables) | 630 / 1.4 | | 750 / 1.7 | 845 / 1.9 | 1064 / 2.3 | | gr / lb | |
| Input Connector | | | | | | | MC4 ³ | |
| Output Wire Type / Connector | | | | | | | Double Insulated, MC4 | |
| Output Wire Length | 0.95 / 3.0 | | | | | 1.2 / 3.9 | m / ft | |
| Input Wire Length | | | | | | | 0.16 / 0.52 | m / ft |
| Operating Temperature Range | | | | | | | -40 - +85 / -40 - +185 | °C / °F |
| Protection Rating | | | | | | | IP68 / NEMA6P | |
| Relative Humidity | | | | | | | 0 - 100 | % |

¹ Rated STC power of the module. Module of up to +5% power tolerance allowed.

² NEC 2017 requires max input voltage be not more than 80V.

³ For other connector types please contact SolarEdge.

| PV System Design Using a SolarEdge Inverter ⁽⁴⁾⁽⁵⁾ | Single Phase HD-Wave | Single phase | Three Phase 208V | Three Phase 480V | |
|---|---|--------------|-------------------|--------------------|-----|
| Minimum String Length (Power Optimizers) | P320, P340, P370, P400 P405 / P505 | 8 | 10 | 18 | |
| Maximum String Length (Power Optimizers) | | 6 | 8 | 14 | |
| Maximum String Length (Power Optimizers) | | 25 | 25 | 50 ⁶ | |
| Maximum Power per String | 5700 (6000 with SE7600-US - SE11400-US) | 5250 | 6000 ⁷ | 12750 ⁸ | W |
| Parallel Strings or Different Lengths or Orientations | | | | | Yes |

⁴ For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_n3.pdf

⁵ It is not allowed to mix P405/P505 with P320/P340/P370/P400 in one string.

⁶ A string with more than 30 optimizers does not meet NEC rapid shutdown requirements, safety voltage will be above the 30V requirement.

⁷ For SE1A 4KUS/SE43 2KUS it is allowed to install up to 6,500W per string when 3 strings are connected to the inverter (3 strings per unit for SE43 2KUS) and when the maximum power difference between the strings is up to 1,000W.

⁸ For SE30KUS/SE33 3KUS/SE66 6KUS/SE100KUS it is allowed to install up to 15,000W per string when 3 strings are connected to the inverter (3 strings per unit for SE66 6KUS/SE100KUS) and when the maximum power difference between the strings is up to 2,000W.

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CE RoHS



Powering Business Worldwide

pe.eaton.com

Product compliance: No Data

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Eaton general duty cartridge fuse safety switch

DG222NRB

UPC:782113144221

Dimensions:

- Height: 14.38 IN
- Length: 14.8 IN
- Width: 9.7 IN

Weight: 10 LB

Notes: Maximum hp ratings apply only when dual element fuses are used. 3-Phase hp rating shown is a grounded B phase rating, UL listed.

Warranties:

- Eaton Selling Policy-25-000, one (1)-year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

Specifications:

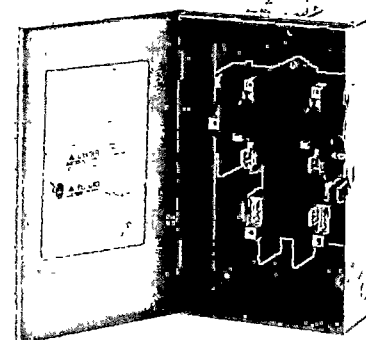
- **Type:** General duty, cartridge fused
- **Amperage Rating:** 60A
- **Enclosure:** NEMA 3R
- **Enclosure Material:** Painted galvanized steel
- **Fuse Class Provision:** Class H fuses
- **Fuse Configuration:** Fusible with neutral
- **Number Of Poles:** Two-pole
- **Number Of Wires:** Three-wire
- **Product Category:** General duty safety switch
- **Voltage Rating:** 240V

Supporting documents:

- Eatons Volume 2-Commercial Distribution
- Eaton Specification Sheet - DG222NRB

Certifications:

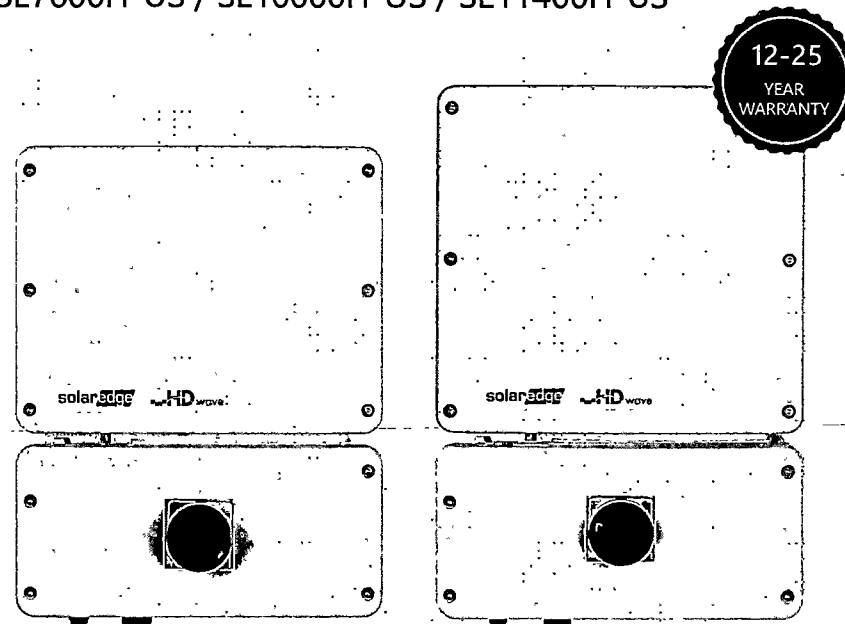
- UL Listed



Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US



INVERTERS

Optimized installation with HD-Wave technology

- / Specifically designed to work with power optimizers
/ UL1741 SA certified, for CPUC Rule 21 grid compliance
- / Record-breaking 99% weighted efficiency
/ Small, lightweight, and easy to install both outdoors or indoors
- / Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
/ Built-in module-level monitoring
- / Fixed voltage inverter for longer strings
/ Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)
- / Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12

/ Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US

| MODEL NUMBER | SE3000H-US | SE3800H-US | SE5000H-US | SE6000H-US | SE7600H-US | SE10000H-US | SE11400H-US | |
|---|--------------------------------|----------------------------|------------|----------------------------|------------|-------------|------------------------------|-----|
| APPLICABLE TO INVERTERS WITH PART NUMBER | SEXXXXH-XXXXXBXX4 | | | | | | | |
| OUTPUT | | | | | | | | |
| Rated AC Power Output | 3000 | 3800 @ 240V 3300 @ 208V | 5000 | 6000 @ 240V 5000 @ 208V | 7600 | 10000 | 11400 @ 240V 10000 @ 208V | VA |
| Maximum AC Power Output | 3000 | 3800 @ 240V 3300 @ 208V | 5000 | 6000 @ 240V 5000 @ 208V | 7600 | 10000 | 11400 @ 240V 10000 @ 208V | VA |
| AC Output Voltage Min.-Nom.-Max (211 - 240 - 264) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Vac |
| AC Output Voltage Min.-Nom.-Max (183 - 208 - 229) | - | ✓ | - | ✓ | - | - | ✓ | Vac |
| AC Frequency (Nominal) | 59.3 - 60 - 60.5 ¹⁾ | | | | | | | Hz |
| Maximum Continuous Output Current @240V | 12.5 | 16 | 21 | 25 | 32 | 42 | 47.5 | A |
| Maximum Continuous Output Current @208V | - | 16 | - | 24 | - | - | 48.5 | A |
| Power Factor | 1, Adjustable - 0.85 to 0.85 | | | | | | | |
| GFDI Threshold | 1 | | | | | | | A |
| Utility Monitoring, Islanding Protection, Country Configurable Thresholds | Yes | | | | | | | |
| INPUT | | | | | | | | |
| Maximum DC Power @240V | 4650 | 5900 | 7750 | 9300 | 11800 | 15500 | 17650 | W |
| Maximum DC Power @208V | - | 5100 | - | 7750 | - | - | 15500 | W |
| Transformer-less, Ungrounded | Yes | | | | | | | |
| Maximum Input Voltage | 480 | | | | | | | Vdc |
| Nominal DC Input Voltage | 380 | | | 400 | | | | Vdc |
| Maximum Input Current @240V ²⁾ | 8.5 | 10.5 | 13.5 | 16.5 | 20 | 27 | 30.5 | Adc |
| Maximum Input Current @208V ²⁾ | - | 9 | - | 13.5 | - | - | 27 | Adc |
| Max. Input Short Circuit Current | 45 | | | | | | | Adc |
| Reverse-Polarity Protection | Yes | | | | | | | |
| Ground-Fault Isolation Detection | 600k Ω Sensitivity | | | | | | | |
| Maximum Inverter Efficiency | 99 | 99.2 | | | | | | % |
| CEC Weighted Efficiency | 99 | | | | | | 99 @ 240V 98.5 @ 208V | % |
| Nighttime Power Consumption | < 2.5 | | | | | | | W |

¹⁾ For other regional settings please contact SolarEdge support
²⁾ A higher current source may be used, the inverter will limit its input current to the values stated

/ Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

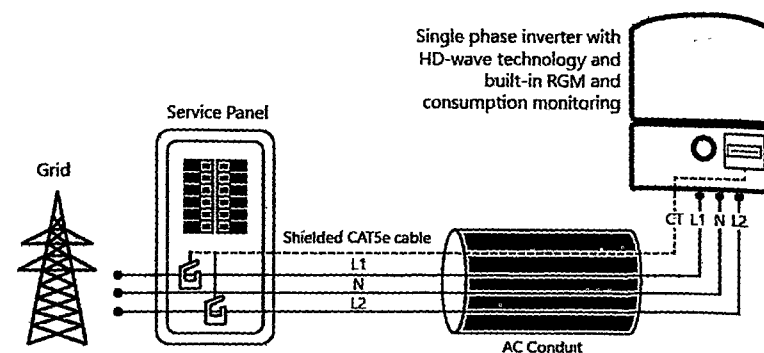
| MODEL NUMBER | SE3000H-US | SE3800H-US | SE5000H-US | SE6000H-US | SE7600H-US | SE10000H-US | SE11400H-US |
|--|---|-------------|-------------|-------------------------------------|------------|-------------|-------------|
| ADDITIONAL FEATURES | | | | | | | |
| Supported Communication Interfaces | RS485, Ethernet, ZigBee (optional), Cellular (optional) | | | | | | |
| Revenue Grade Metering, ANSI C12.20 | Optional ^(a) | | | | | | |
| Consumption metering | Optional ^(a) | | | | | | |
| Inverter Commissioning | With the SetApp mobile application using Built-in Wi-Fi Access Point for Local Connection | | | | | | |
| Rapid Shutdown - NEC 2014 and 2017 690.12 | Automatic Rapid Shutdown upon AC Grid Disconnect | | | | | | |
| STANDARD COMPLIANCE | | | | | | | |
| Safety | UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T1L M-07 | | | | | | |
| Grid Connection Standards | IEEE1547, Rule 21, Rule 14 (H) | | | | | | |
| Emissions | FCC Part 15 Class B | | | | | | |
| INSTALLATION SPECIFICATIONS | | | | | | | |
| AC Output Conduit Size / AWG Range | 1" Maximum / 14-6 AWG | | | 1" Maximum / 14-4 AWG | | | |
| DC Input Conduit Size / # of Strings / AWG Range | 1" Maximum / 1-2 strings / 14-6 AWG | | | 1" Maximum / 1-3 strings / 14-6 AWG | | | |
| Dimensions with Safety Switch (HxWxD) | 17.7 x 14.6 x 6.8 / 450 x 370 x 174 | | | 21.3 x 14.6 x 7.3 / 540 x 370 x 185 | | | |
| Weight with Safety Switch | 22 / 10 | 25.1 / 11.4 | 26.2 / 11.9 | 38.8 / 17.6 | | | |
| Noise | < 25 | | | < 50 | | | |
| Cooling | Natural Convection | | | | | | |
| Operating Temperature Range | -40 to +140 / -40 to +60 ^(b) | | | | | | |
| Protection Rating | NEMA 4X (Inverter with Safety Switch) | | | | | | |

^(a) Inverter with Revenue Grade Meter P/N SE3000H-US000BNC4, Inverter with Revenue Grade Production and Consumption Meter P/N SE3000H-US000BN14. For consumption metering, current transformers should be ordered separately SEACT0750-200NA-20 or SEACT0750-400NA-20 20 units per box

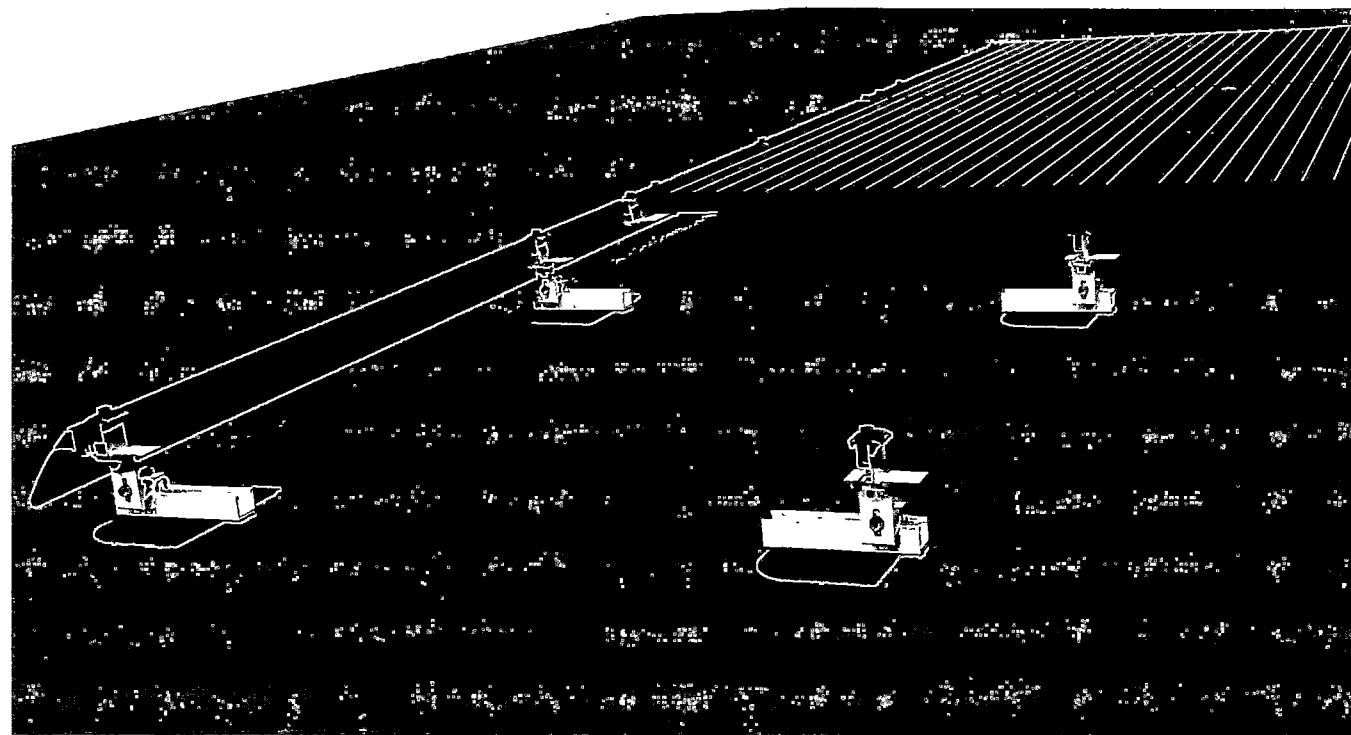
^(b) Full power up to at least 50°C / 122°F, for power de-rating information refer to <https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf>

How to Enable Consumption Monitoring

By simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills



RL Universal



Installing Solar Has Never Been This Fast & Easy



System designed with maximum versatility for any arrays including staggered



All parts fit in a box for easy logistics



Simple design allows system to be installed by single installer on the roof



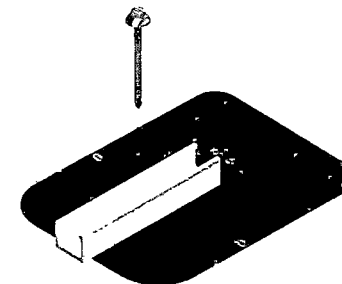
Drop-in features make the install process intuitive and fast



Listed to UL Standard 2703 for Grounding/Bonding and Fire Classification

SnapNrack RL Universal

is designed to provide the fastest, most intuitive install experience for residential roofs. The direct mount system features four basic components for easy material management. Features incredible flexibility with a single Universal mounts that fit module heights from 32 - 40 mm and the highest spans of any current rail less system.

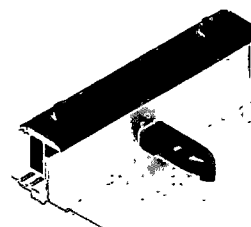
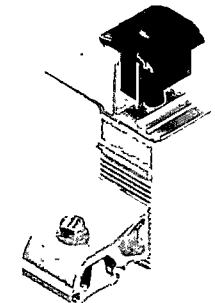


Flash Track with Patented Umbrella Technology

- Single Umbrella lag screw secures flashing and flash track to roof in one complete action
- Umbrella technology provides weatherproofing with a long-lasting mechanical seal
- Flash track is designed for maximum versatility with 6 inches of North-South adjustability for all Mounts

Mounts

- Single mount used at all locations on array
- Extreme time saver by eliminating link interference through the flexibility of the Mount to change orientation
- Features a rock-in channel nut design for easy attachment to Flash Track
- Slotted riser provides leveling for easy height adjustments

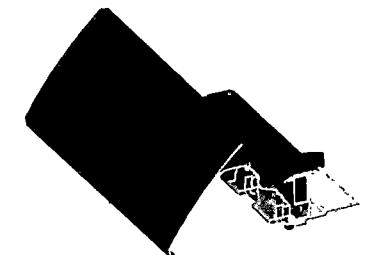


Links

- Simple design provides mounting platform between two to four modules
- Clamps onto top of modules securing them in place while providing row-to-row bonding
- Next row of modules easily slides into place as with the Mounts

Skirt

- Easily locks to bottom of module mounts and links for clean aesthetics
- Ensures a strong structure for leveling and alignment of first row of modules
- Skirt length is compatible with both portrait and landscape module orientations



Quality. Innovative. Superior.

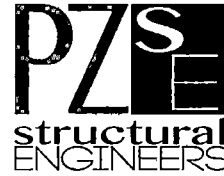
SnapNrack Solar Mounting Solutions are engineered to optimize material use and labor resources and improve overall installation quality and safety.

877-732-2860

www.snapnrack.com

contact@snapnrack.com

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July 30, 2019

SnapNrack
775 Fiero Lane, Ste. 200
San Luis Obispo, CA 93401
TEL: (877) 732-2860

Attn.: SnapNrack - Engineering Department

Re: Report # 2019-02916B.01 – SnapNrack RL Universal Rail-less System
Subject: Engineering Certification for the State of New Jersey

PZSE, Inc. – Structural Engineers has provided engineering and span tables for the SnapNrack RL Universal Rail-less System, as presented in PZSE Report # 2019-02916B.01, "Engineering Certification for the SnapNrack RL Universal Rail-less System (2019-02916-B.01)". All information, data, and analysis therein are based on, and comply with, the following building codes and typical specifications:

- Building Codes:
1. ASCE/SEI 7-16, Minimum Design Loads for Buildings and Other Structures, by American Society of Civil Engineers
 2. 2018 International Building Code, by International Code Council, Inc.
 3. 2018 International Residential Code, by International Code Council, Inc.
 4. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES
 5. Aluminum Design Manual 2015, by The Aluminum Association, Inc.
 6. ANSI/AWC-NDS-2015, National Design Specification for Wood Construction, by the American Wood Council

Design Criteria:

Ground Snow Load = 0 - 90 (psf)
Basic Wind Speed = 105 - 180 (mph)
Roof Mean Height = 0 - 60 (ft)
Roof Pitch = 0 - 90 (degrees)
Exposure Category = B, C & D

This letter certifies that the loading criteria and design basis for the SnapNrack RL Universal Rail-less System Span Tables are in compliance with the above codes.

If you have any questions on the above, do not hesitate to call.

Prepared by:
PZSE, Inc. – Structural Engineers
Roseville, CA



Appendix A

snaprack.com

APPROVED MODULE INFORMATION

The following modules have completed the UL 2703 Listing process for bonding and fire classification and have been approved for use with the RL Universal mounting system by the module manufacturer. Module manufacturer approval letters can be found at www.snaprack.com.

RL Universal has been evaluated for Bonding of the following UL/NRTL Listed PV modules to UL 2703 requirements:

| Manufacturer | Model | Wattage |
|-----------------------|------------------------|---------|
| Canadian Solar | CS6K-XXX-M | 240-335 |
| | CS6K-XXX-M-SD | 240-305 |
| | CS6K-XXX-P | 220-320 |
| | CS6K-XXX-P-SD | 240-300 |
| | CS6K-XXX-MS | 240-335 |
| | CS3K-XXX-P | 250-350 |
| | CS3K-XXX-MS | 280-345 |
| | CS3U-XXX-MS | 350-420 |
| | CS3U-XXX-P | 295-420 |
| | CS1K-XXX-MS | 285-345 |
| | CS1H-XXX-MS | 310-350 |
| | CS1H-XXX-MS-AB | 310-350 |
| Hanwha Q Cells | Q.PEAK DUO-G5-XXX | 290-360 |
| | Q.PEAK DUO-BLK-G5-XXX | 290-360 |
| | Q.PLUS DUO-G5-XXX | 290-360 |
| | Q.PEAK DUO-G7-XXX | 310-350 |
| | Q.PEAK DUO-BLK-G7-XXX | 290-350 |
| | Q.PEAK DUO-G7.2-XXX | 310-350 |
| | Q.PEAK DUO-G6+-XXX | 320-360 |
| | Q.PEAK DUO-BLK-G6+-XXX | 310-350 |
| | Q.PEAK DUO-G6-XXX | 320-360 |
| | Q.PEAK DUO-BLK-G6-XXX | 310-350 |
| | Q.PEAK DUO-G8+-XXX | 290-360 |
| | Q.PEAK DUO-BLK-G8+-XXX | 290-360 |
| | Q.PEAK DUO-G8-XXX | 290-360 |
| Q.PEAK DUO-BLK-G8-XXX | 290-360 | |
| JA Solar | JAM60S09-XXX/PR | 310-325 |
| | JAM60S10-XXX/MR | 330-345 |
| | JAM60S10-XXX/PR | 320-335 |
| | JAM60S12-XXX/PR | 305-320 |
| | JAM72S09-XXX/PR | 370-395 |
| | JAM72S10-XXX/MR | 395-415 |
| | JAM72S10-XXX/PR | 380-405 |
| JAM72S12-XXX/PR | 365-385 | |
| Jinko Solar | JKMXXXM-60 | 200-305 |
| | JKMXXXP-60 | 200-290 |
| | JKMXXXP-60-J4 | 200-290 |
| | JKMXXXP-60-V | 200-290 |

Appendix A

snaprack.com

| Manufacturer | Model | Wattage | |
|----------------|----------------|-------------|---------|
| Jinko Solar | JKMXXXP-60B-J4 | 200-290 | |
| | JKMXXXPP-60 | 200-290 | |
| | JKMXXXPP-60-V | 200-300 | |
| | JKMXXXM-72 | 250-365 | |
| | JKMXXXP-72 | 250-360 | |
| | JKMXXXP-72-V | 250-360 | |
| | JKMXXXPP-72 | 250-360 | |
| | JKMXXXPP-72-V | 250-360 | |
| | JKMSXXXP-72 | 250-330 | |
| | LG | LGXXXN1C-A5 | 320-345 |
| | | LGXXXN1K-A5 | 310-355 |
| | | LGXXXQ1C-A5 | 340-385 |
| LGXXXQ1K-A5 | | 315-375 | |
| LGXXXS1C-A5 | | 280-320 | |
| LGXXXN2C-B3 | | 330-340 | |
| LGXXXN2W-B3 | | 330-340 | |
| LGXXXN1C-G4 | | 280-340 | |
| LGXXXN1K-G4 | | 280-300 | |
| LGXXXS1C-G4 | | 250-300 | |
| LGXXXN2C-G4 | | 360-395 | |
| LGXXXN2K-G4 | | 360-385 | |
| LGXXXN2W-G4 | | 360-395 | |
| LGXXXS2C-G4 | | 300-360 | |
| LGXXXS2W-G4 | | 300-360 | |
| LGXXXN1C-V5 | | 325-345 | |
| LGXXXN1W-V5 | | 325-345 | |
| LGXXXN2T-V5 | | 385-430 | |
| LGXXXN2T-J5 | 385-405 | | |
| LGXXXN1T-V5 | 310-340 | | |
| Longi | LR6-60-XXXM | 270-300 | |
| | LR6-60BK-XXXM | 270-300 | |
| | LR6-60HV-XXXM | 270-300 | |
| | LR6-60PB-XXXM | 280-320 | |
| | LR6-60PE-XXXM | 280-320 | |
| | LR6-60PH-XXXM | 280-320 | |
| | LR6-60HPB-XXXM | 295-320 | |
| | LR6-60HPH-XXXM | 300-320 | |
| LR4-72HPH-XXXM | 420-455 | | |
| Mission Solar | MSEXXS05T | 260-290 | |
| | MSEXXS05K | 270-290 | |
| | MSEXXSQ5T | 280-300 | |
| | MSEXXSQ5K | 285-305 | |
| | MSEXXMM4J | 320-330 | |
| | MSEXXMM6J | 320-330 | |
| MSEXXS06W | 320-340 | | |
| MSEXXS04J | 320-350 | | |

Appendix A

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| Manufacturer | Model | Wattage |
|---------------|-------------------------|---------|
| Mission Solar | MSEXXXSO6J | 320-350 |
| | MSEXXXSQ6S | 345-365 |
| | MSEXXXSQ4S | 345-365 |
| | MSEXXXSR8K | 315-335 |
| | MSEXXXSR8T | 310-330 |
| | MSEXXXSR9S | 375-400 |
| Panasonic | VBHNXXXKA03 | 310-325 |
| | VBHNXXXKA04 | 310-325 |
| | VBHNXXXSA17 | 325-335 |
| | VBHNXXXSA18 | 325-335 |
| | VBHN325SA17E | 325-330 |
| | VBHXXXRA18N | 325-340 |
| | VBHXXXRA03K | 320-335 |
| Phono Solar | PSXXM-20/U | 270-320 |
| | PSXXMH-20/U | 270-320 |
| REC | RECXXTP2 | 260-300 |
| | RECXXTP2-BLK | 260-300 |
| | RECXXTP2M | 300-315 |
| | RECXXAA | 340-380 |
| Silfab | SLAXX-M | 225-320 |
| | SLAXX-P | 225-275 |
| | SSAXX-M | 225-300 |
| | SSAXX-P | 225-270 |
| | SILXXBL | 280-330 |
| | SILXXML | 280-320 |
| | SILXXNL | 280-320 |
| | SLGXX-M | 265-380 |
| | SLGXX-P | 265-320 |
| | SSGXX-M | 265-360 |
| | SSGXX-P | 265-320 |
| | SILXXNT | 350-380 |
| Solaria | Solaria PowerXT-XXXR-PX | 315-385 |
| | Solaria PowerXT-XXXR-BX | 315-385 |
| | Solaria PowerXT-XXXR-AC | 315-385 |
| Talesun | TP660M-XXX | 240-300 |
| | TP660P-XXX | 235-285 |
| | TP672M-XXX | 290-360 |
| | TP672P-XXX | 280-345 |

snapnrack.com

ABBREVIATIONS

| | |
|-----------------|-------------------------------|
| A | AMPERE |
| AC | ALTERNATING CURRENT |
| BLDG | BUILDING |
| CONC | CONCRETE |
| C | COMBINER BOX |
| D | DISTRIBUTION PANEL |
| DC | DIRECT CURRENT |
| EGC | EQUIPMENT GROUNDING CONDUCTOR |
| (E) | EXISTING |
| EMT | ELECTRICAL METALLIC TUBING |
| GALV | GALVANIZED |
| GEC | GROUNDING ELECTRODE CONDUCTOR |
| GND | GROUND |
| HDG | HOT DIPPED GALVANIZED |
| I | CURRENT |
| I _{mp} | CURRENT AT MAX POWER |
| INVS | INVERTERS |
| I _{sc} | SHORT CIRCUIT CURRENT |
| kVA | KILOVOLT AMPERE |
| kW | KILOWATT |
| LBW | LOAD BEARING WALL |
| MIN | MINIMUM |
| (N) | NEW |
| NEC | NATIONAL ELECTRIC CODE |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| P | PANEL BOARD |
| PL | PROPERTY LINES |
| PV | PHOTOVOLTAIC |
| PVC | POLYVINYL CHLORIDE |
| S | SUBPANEL |
| SCH | SCHEDULE |
| SS | STAINLESS STEEL |
| SSD | SEE STRUCTURAL DIAGRAMS |
| STC | STANDARD TESTING CONDITIONS |
| SWH | SOLAR WATER HEATER |
| TYP | TYPICAL |
| UON | UNLESS OTHERWISE NOTED |
| UPS | UNINTERRUPTIBLE POWER SUPPLY |
| V | VOLT |
| V _{mp} | VOLTAGE AT MAX POWER |
| V _{oc} | VOLTAGE AT OPEN CIRCUIT |
| W | WATT |
| 3R | NEMA 3R, RAIN TIGHT |

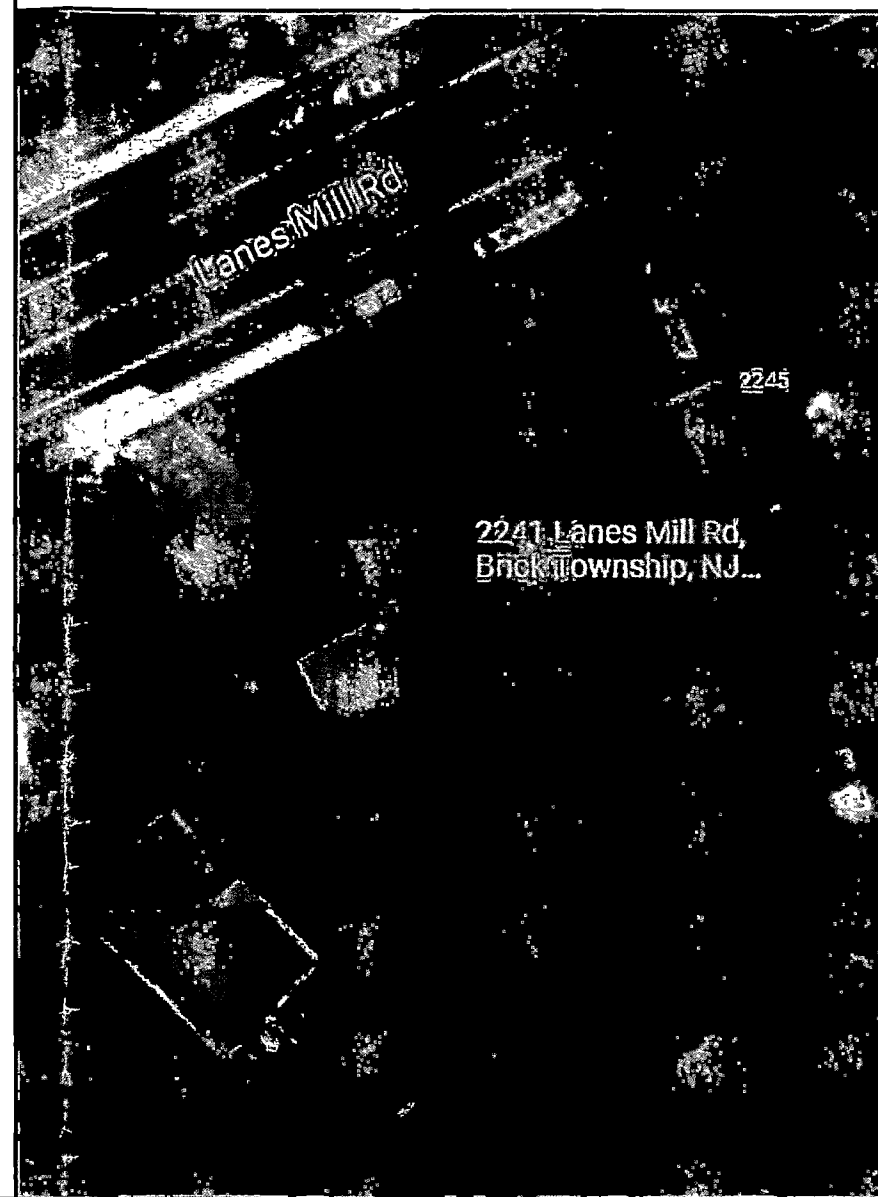
ELECTRICAL NOTES

- WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION, A SIGN WILL BE PROVIDED WARNING OF THE HAZARDS PER ART. 690.17.
- EACH UNGROUNDED CONDUCTOR OF THE MULTIWIRED BRANCH CIRCUIT WILL BE IDENTIFIED BY PHASE AND SYSTEM PER ART. 210.5.
- A NATIONALLY-RECOGNIZED TESTING LABORATORY SHALL LIST ALL EQUIPMENT IN COMPLIANCE WITH ART. 110.3.
- CIRCUITS OVER 250V TO GROUND SHALL COMPLY WITH ART. 250.97, 250.92(B)
- DC CONDUCTORS, EITHER DO NOT ENTER BUILDING OR ARE RUN IN METALLIC RACEWAYS OR ENCLOSURES TO THE FIRST ACCESSIBLE DC DISCONNECTING MEANS PER ART. 690.31(E).
- ALL WIRES SHALL BE PROVIDED WITH STRAIN RELIEF AT ALL ENTRY INTO BOXES AS REQUIRED BY UL LISTING.
- MODULE FRAMES SHALL BE GROUNDED AT THE UL-LISTED LOCATION PROVIDED BY THE MANUFACTURER USING UL LISTED GROUNDING HARDWARE.
- ALL EXPOSED METAL PARTS (MODULE FRAMES, RAIL, BOXES, ETC.) SHALL BE GROUNDED USING UL LISTED LAY-IN LUGS LISTED FOR THE PURPOSE. POSTS SHALL BE MADE ELECTRICALLY CONTINUOUS WITH ATTACHED RAIL.
- MODULE FRAMES, RAIL, AND POSTS SHALL BE BONDED WITH EQUIPMENT GROUND CONDUCTORS AND GROUNDED AT THE MAIN ELECTRIC PANEL.
- THE DC GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED ACCORDING TO ART. 250.166(B) & 690.47.

GENERAL NOTES

- THIS SYSTEM IS GRID-INTERTIED VIA A UL-LISTED POWER-CONDITIONING INVERTER.
- THIS SYSTEM HAS NO BATTERIES, NO UPS.
- ALL INVERTERS AND ARRAYS ARE NEGATIVELY GROUNDED.
- SOLAR MOUNTING FRAMES ARE TO BE GROUNDED.

VICINITY



INDEX

| | |
|------|--|
| PV-1 | COVER SHEET |
| PV-2 | SITE PLAN |
| PV-3 | ATTACHMENT PLAN |
| PV-4 | ATTACHMENT DETAIL |
| PV-5 | SINGLE-LINE DIAGRAM |
| PV-6 | SAFETY LABELS |
| | MODULE DATASHEET |
| | OPTIMIZER DATASHEET |
| | INVERTER DATASHEET |
| | MOUNTING SYSTEM DATASHEET |
| | MOUNTING SYSTEM ENGINEERING LETTER |
| | UL 2703 GROUND AND BONDING CERTIFICATION |

APPLICABLE CODE

INTERNATIONAL BUILDING CODE 2018
 INTERNATIONAL FIRE CODE 2018
 INTERNATIONAL RESIDENTIAL CODE 2018
 INTERNATIONAL MECHANICAL CODE 2018
 INTERNATIONAL FUEL GAS CODE 2018
 NFPA 70 NATIONAL ELECTRICAL CODE 2017
 NJ UCC REHABILITATION SUBCODE

AHJ: BRICK CITY

UTILITY: JERSEY CENTRAL POWER & LIGHT

POSIGEN SOLAR

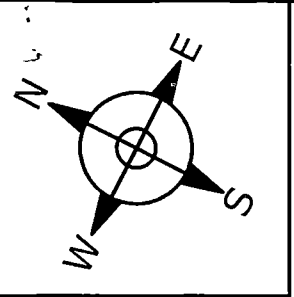
1600 Olden Avenue, Unit 10
 Ewing, NJ 08638

LICENSES

HIC: 13VH09712800
 NJ ELECTRICAL LICENSE
 LIC: 34E100704600

| | | | | | |
|---|---|--------------------------|--|--------|---|
| | JOB NUMBER: 161151 | OWNER: GEORGE CERVANTES, | DESCRIPTION: GEORGE CERVANTES, RESIDENCE | STAMP: | <p>PV-1</p> <p>PAGE NAME: COVER SHEET</p> <p>SCALE: NTS</p> <p>DATE: 10/21/2021</p> |
| | UTILITY: JERSEY CENTRAL POWER & LIGHT | 2241 LANES MILL RD | 7.37 KWDC ROOF SOLAR SYSTEM | | |
| | RACKING: SNAPRACK RL UNIVERSAL | BRICK, NJ 06724 | PRODUCTION: 6,848kWH | | |
| | DESIGNED BY: ENERQUAL | REV: | | | |
| | MODULES: (22) HT SOLAR HT60 - 156M 335W | | | | |
| OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER | | | | | |
| INVERTER: (1) SOLAREEDGE SE7600H-US | | | | | |

FILE COPY



LANES MILL RD

FOH

DRIVEWAY

INV AC M

ROOF SECTION(S):

- ① SLOPE - 37
AZIMUTH - 153
MATERIAL - COMP. SHINGLE
- ② SLOPE - 12
AZIMUTH - 153
MATERIAL - COMP. SHINGLE

LEGEND

- (E) METER
- INVERTER
- AC DISCONNECT
- DC DISCONNECT
- MAIN SERVICE PANEL
- EXISTING TREES
- OBSTRUCTION
- DRIVEWAY
- MODULE
- #1) 11 MODULE
- #2) 11 MODULE
- FIRE CODE OFFSET
- GROUND ACCESS POINT



JOB NUMBER: 161151
 UTILITY: JERSEY CENTRAL POWER & LIGHT
 RACKING: SNAPRACK RL UNIVERSAL
 MODULES: (22)HT SOLAR HT60 - 156M 335W
 OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER
 INVERTER: (1) SOLAREEDGE SE7600H-US

OWNER:
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

DESCRIPTION:
 GEORGE CERVANTES,
 RESIDENCE
 7.37 KWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848KWH

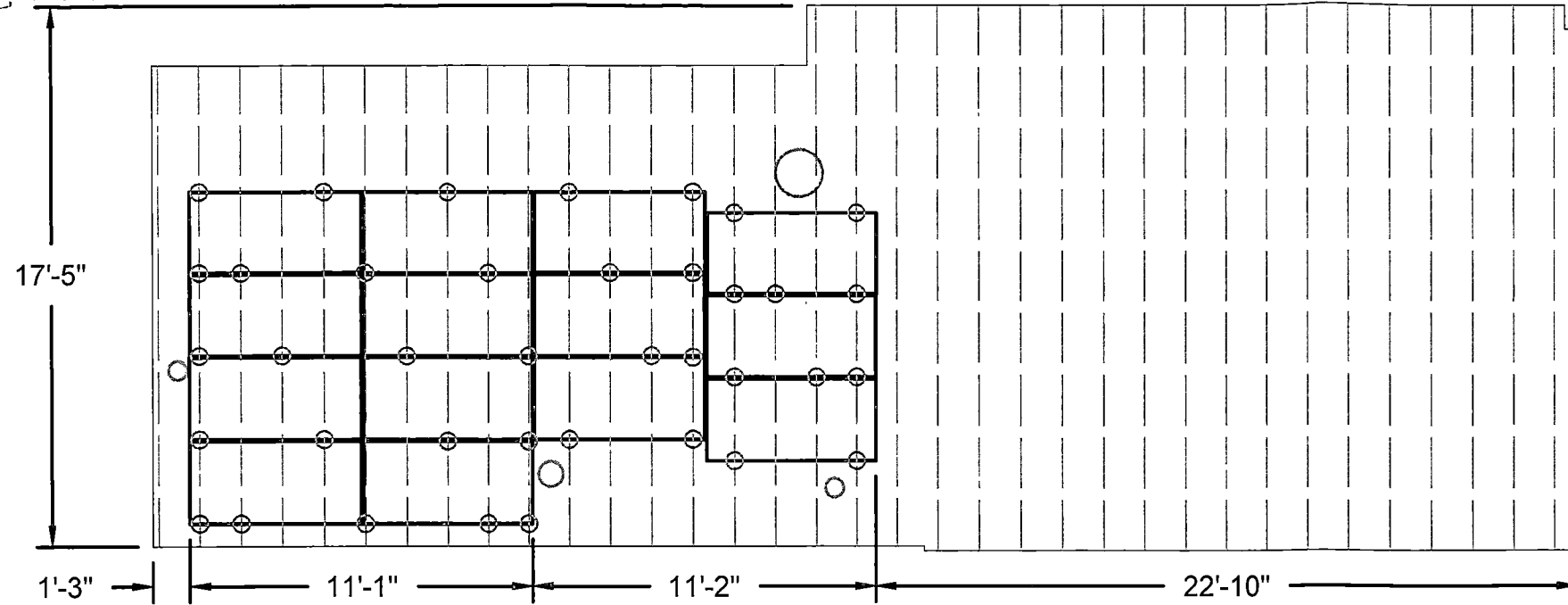
DESIGNED BY:
ENERQUAL

STAMP:

 Date Signed 06/22/2022

PV-2
 PAGE NAME:
SITE PLAN
 SCALE:
 3/32" = 1'-0"
 DATE:
 10/21/2021

ARRAY 1



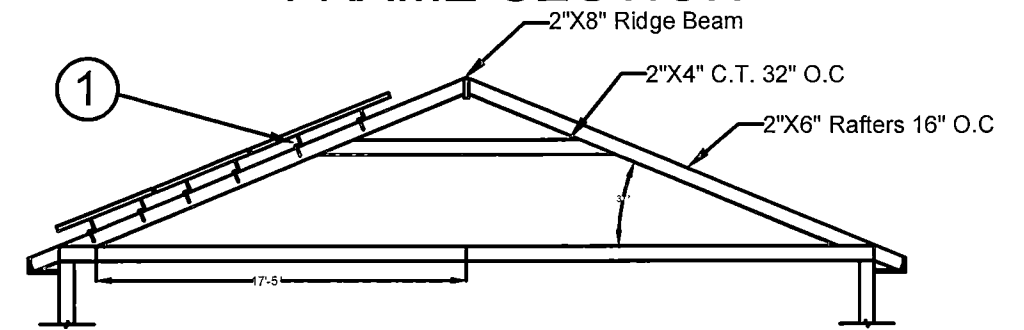
| ARRAY 1 | | ARRAY 2 | |
|--------------------------|--------------|--------------------------|---------------|
| RAFTER PROFILE | 2"X6" | RAFTER PROFILE | 2"X6" |
| RAFTER SPACING | 16"OC | RAFTER SPACING | 16"OC |
| RIDGE PROFILE | 2"X8" | RIDGE PROFILE | 2"X8" |
| C T PROFILE | 2"X4" | C T PROFILE | 2"X4" |
| C T SPACING | 32"OC | C T SPACING | 32"OC |
| ROOF PITCH | 37° | ROOF PITCH | 12° |
| ARRAY PITCH | 37° | ARRAY PITCH | 12° |
| ROOF AZIMUTH | 153° | ROOF AZIMUTH | 153° |
| ARRAY AZIMUTH | 153 | ARRAY AZIMUTH | 153 |
| ROOF SURFACE TYPE | COMP SHINGLE | ROOF SURFACE TYPE | COMP. SHINGLE |
| TOTAL NO. OF PENETRATION | 37 | TOTAL NO. OF PENETRATION | 19 |
| STORIES | 2 | STORIES | 2 |

LEGEND

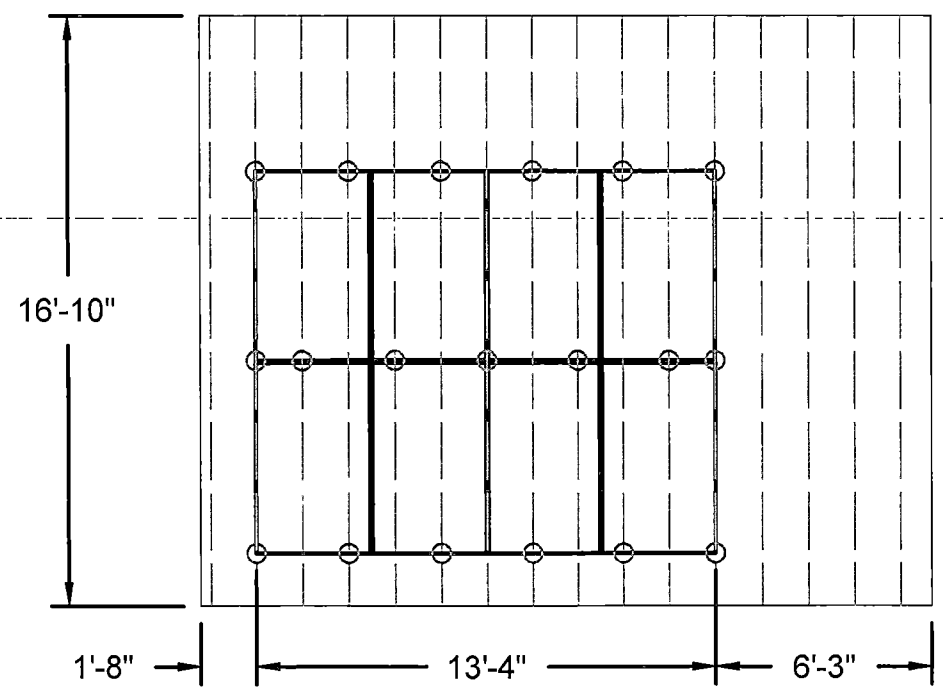
- ROOF
- RAFTERS
- RAIL
- MOUNT
- OBSTRUCTION

TOTAL PENETRATION COUNT: 56

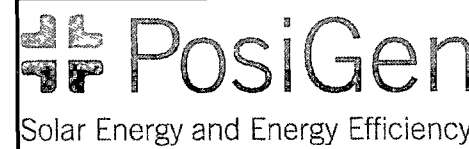
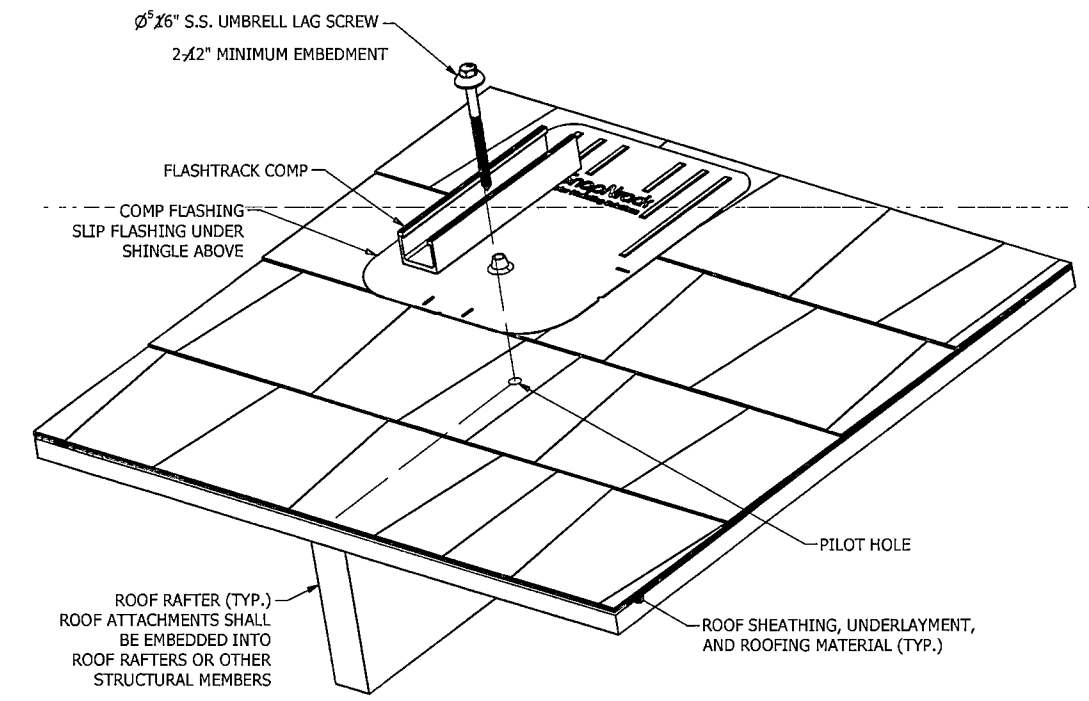
FRAME SECTION



ARRAY 2



MOUNTING DETAIL



JOB NUMBER: 161151
 UTILITY: JERSEY CENTRAL POWER & LIGHT
 RACKING: SNAPRACK RL UNIVERSAL
 MODULES: (22)HT SOLAR HT60 - 156M 335W
 OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER
 INVERTER: (1)SOLAREEDGE SE7600H-US

OWNER:
 GEORGE CERVANTES,
 2241 LANES MILL RD
 BRICK, NJ 06724

DESCRIPTION:
 GEORGE CERVANTES,
 RESIDENCE
 7.37 kWDC ROOF SOLAR SYSTEM
 PRODUCTION: 6,848kWH

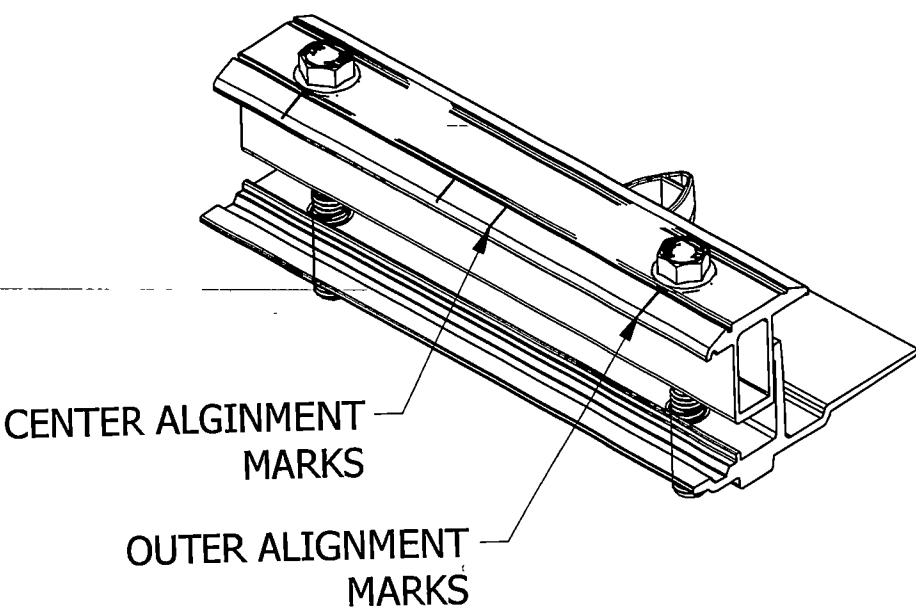
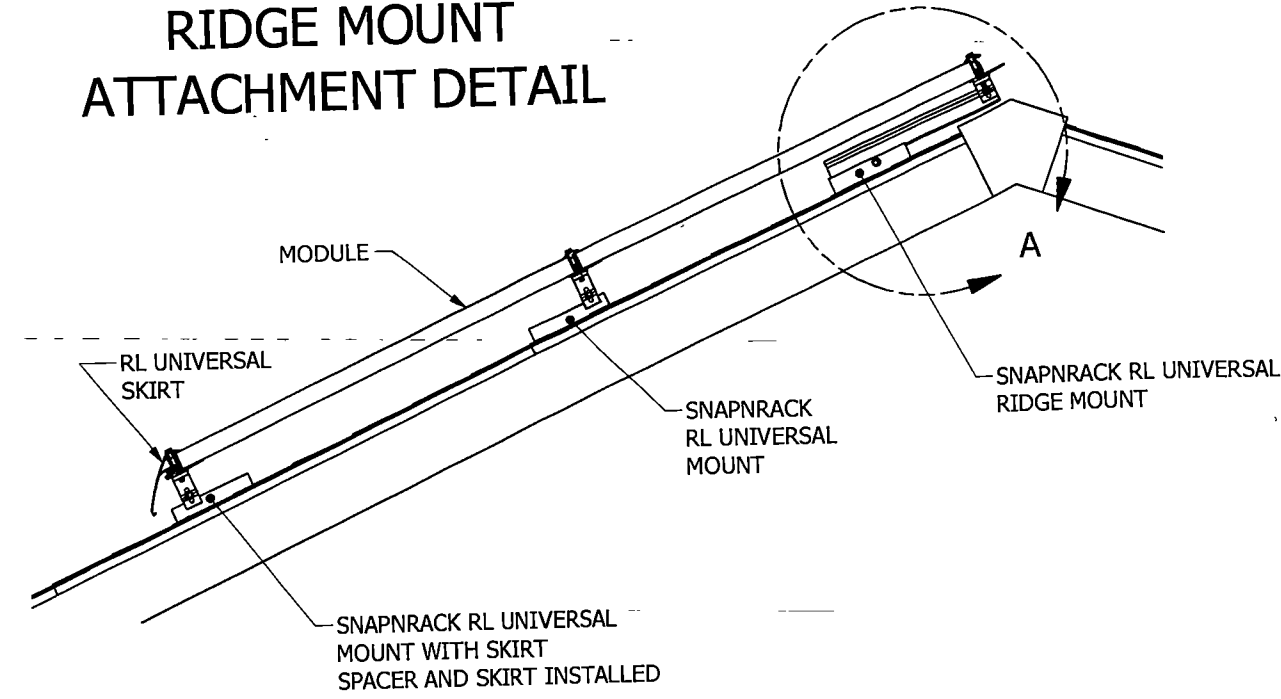
STAMP:

 Date Signed 06/22/2022

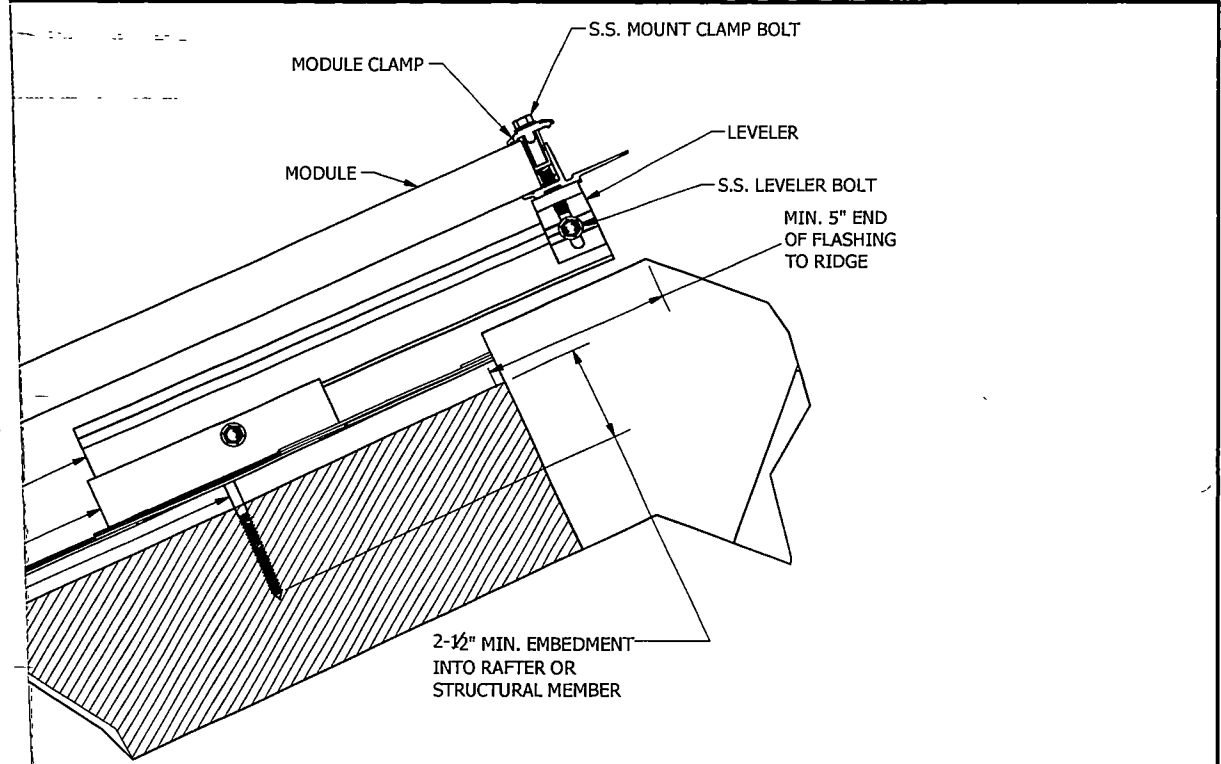
PV-3
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ATTACHMENT PLAN
 SCALE:
 3/16" = 1'-0"
 DATE:
 10/21/2021

DESIGNED BY:
ENERQUAL

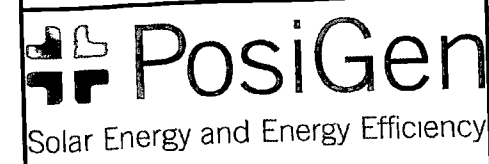
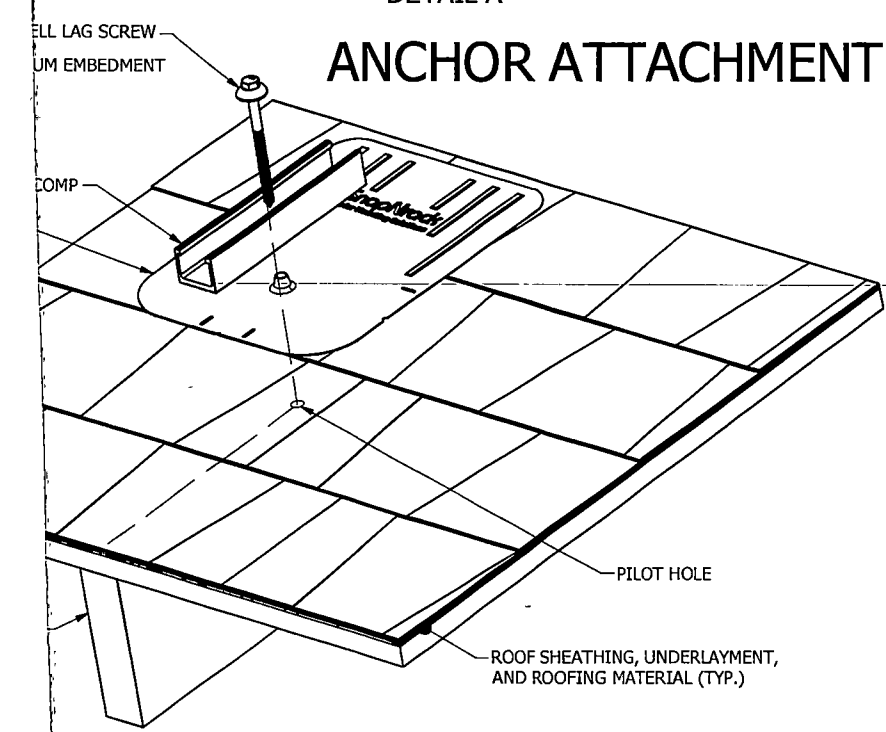
RIDGE MOUNT ATTACHMENT DETAIL



SNAPNRACK RL UNIVERSAL LINK ASSEMBLY



DETAIL A ANCHOR ATTACHMENT DETAIL



| |
|---|
| JOB NUMBER: 161151 |
| UTILITY: JERSEY CENTRAL POWER & LIGHT |
| RACKING: SNAPNRACK RL UNIVERSAL |
| MODULES: (22) HT SOLAR HT60 - 156M 335W |
| OPTIMIZER: (22) SOLAREEDGE P370 OPTIMIZER |
| INVERTER: (1) SOLAREEDGE SE7600H-US |

| | |
|-------------------------------------|--------------------------------------|
| OWNER: GEORGE CERGE CERVANTES, ENCE | LOCATION: 2241 LANES M BRICK, NJ 067 |
| SYSTEM: VDC ROOF SOLAR SYSTEM | PRODUCTION: 6,848kWH |
| BY: RQUAL | REV: |

STAMP: [Signature]

Date Signed 06/22/2022

| |
|------------------------------|
| PV-4 |
| PAGE NAME: ATTACHMENT DETAIL |
| SCALE: NTS |
| DATE: 10/21/2021 |

*V means 1500V module

HT60-156M
HT60-156M(V)

Springer Aerospace Automobile
Electromechanical Co., Ltd.
website: www.ht-chi.com



Factory:
Tianjin Technology Park, No. 111, 1st
Avenue, Binhai New City, Tianjin

NEW

Big Size: Cell 158.75*158.75

315W / 320W
325W / 330W / 335W

High Efficiency Low LID Bifacial PERC Technology



Full Black Backsheet Type

- Module Efficiency: 19.9%
- No. of Cells: 60 (6 × 10)
- Weight: 19.0kg
- Dimensions: 1684mm × 1002mm × 35mm

Monocrystalline
158.75 × 158.75mm

PID
PID Resistant

Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BOS costs

Advanced surface treatment, lower surface reflection and 5BB cell design can reduce the series resistance and improve the module efficiency

1000Pa

Certified to withstand dynamic mechanical load 1000 Pascal

Microcrack resistant Triple EL tested of high quality control.

Entire module certified to withstand extreme wind (2400 Pa) and snow loads (5400 Pa)

Ammonia / Salt Mist Corrosion resistant

All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

Comprehensive and first-rate certification system



IEC61215 2016 IEC61730 2016 Latest Standard and UL 1703 Latest Standard, ISO9001 ISO14001 and CHSAS 16001 meeting the highest international standards. Strict quality control



IEC 61215 IEC 61730 PV Module Reliability Scorecard

2020 TOP PERFORMER
PV MODULE RELIABILITY SCORECARD

PVEL DNV GL

PV MODULE RELIABILITY SCORECARD



* Copyright © 2019 V3 Specifications are subject to change without further notification

HIGHWAY+
Better Choice For Higher Efficiency!

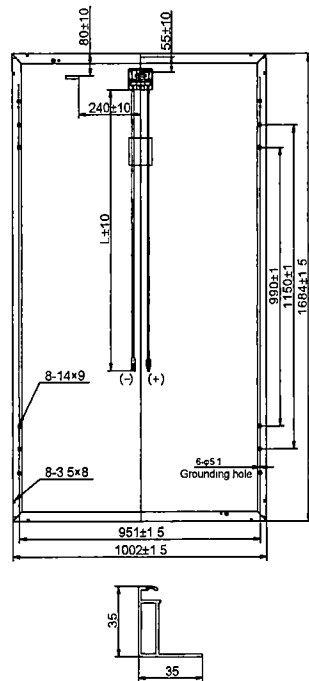
HT60-156M

HT60-156M(V)

* V means 1500V module

315W/320W/325W/330W/335W

Engineering Drawing



Electrical Characteristics

| Module | HT60-156M / HT60-156M(V) | | | | |
|--|---------------------------|--------|--------|--------|--------|
| | 315W | 320W | 325W | 330W | 335W |
| Maximum Power at STC (P _{max}) | 315W | 320W | 325W | 330W | 335W |
| Open Circuit Voltage (V _{oc}) | 40.1V | 40.2V | 40.3V | 40.4V | 40.5V |
| Short-Circuit Current (I _{sc}) | 10.36A | 10.48A | 10.61A | 10.74A | 10.87A |
| Optimum Operating Voltage (V _{mp}) | 33.7V | 33.8V | 33.9V | 34.1V | 34.3V |
| Optimum Operating Current (I _{mp}) | 9.37A | 9.49A | 9.60A | 9.68A | 9.78A |
| Module Efficiency | 18.7% | 19.0% | 19.3% | 19.6% | 19.9% |
| Power Tolerance | 0 ~ +5W | | | | |
| Maximum System Voltage | 1000V / 1500V DC (UL/IEC) | | | | |
| Maximum Series Fuse Rating | 1520A | | | | |
| Operating Temperature | -40 °C to +85 °C | | | | |

NOCT

| Module | HT60-156M / HT60-156M(V) | | | |
|--|--------------------------|-------|-------|-------|
| | 237W | 241W | 244W | 248W |
| Maximum Power | 237W | 241W | 244W | 248W |
| Open Circuit Voltage (V _{oc}) | 37.9V | 38.0V | 38.1V | 38.2V |
| Short Circuit Current (I _{sc}) | 8.37A | 8.47A | 8.57A | 8.67A |
| Maximum Power Voltage (V _{mp}) | 31.8V | 31.9V | 32.0V | 32.2V |
| Maximum Current (I _{mp}) | 7.33A | 7.43A | 7.53A | 7.58A |
| NOCT | 45°C ± 2°C | | | |

Mechanical Characteristics

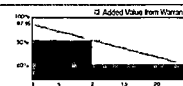
| | |
|-------------------------|---|
| Solar Cells | Monocrystalline 158.75 × 158.75mm |
| No. of Cells | 60 (6 × 10) |
| Dimensions | 1684mm × 1002mm × 35mm |
| Weight | 19.0kg |
| Front Glass | High transmission tempered glass |
| Frame | Anodized aluminium alloy |
| Junction Box | IP68 |
| Cable | 4mm ² (UL/IEC) Length 1000mm |
| Connectors | MCA Compatible |
| Packaging Configuration | 30pcs / box 910pcs / 40'HQ Container |

Temperature Characteristics

| | | |
|---|----------------------|------------|
| Temperature Coefficient of P _{max} | γ (P _m) | -0.355%/°C |
| Temperature Coefficient of V _{oc} | β (V _{oc}) | -0.275%/°C |
| Temperature Coefficient of I _{sc} | α (I _{sc}) | +0.063%/°C |

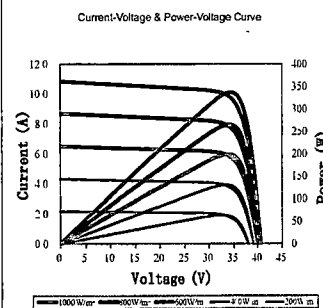
Warranty

- 12-year product warranty
- 25-year warranty on power output
- Specific information is referred to the product quality guarantee



Information Box

I-V Curves



The module recycling should be carried out by the professional institutions at the the end of module life cycle

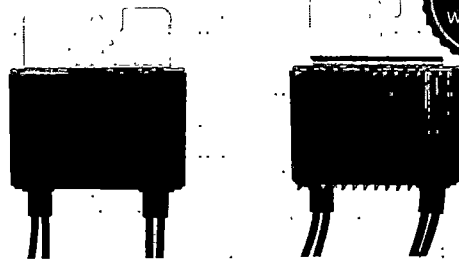
HIGHWAY+

HIGHWAY+

Power Optimizer

For North America

P320 / P340 / P370 / P400 / P405 / P505



POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com



/ Power Optimizer For North America P320 / P340 / P370 / P400 / P405 / P505

| Optimizer model (typical module compatibility) | P320 (for 60-cell modules) | P340 (for high-power 60-cell modules) | P370 (for higher-power 60 and 72-cell modules) | P400 (for 72 & 96-cell modules) | P405 (for thin film modules) | P505 (for higher current modules) | |
|---|--|---------------------------------------|--|----------------------------------|----------------------------------|-----------------------------------|-----------------|
| INPUT | | | | | | | |
| Rated Input DC Power ¹⁾ | 320 | 340 | 370 | 400 | 405 | 505 | W |
| Absolute Maximum Input Voltage (V _{oc} at lowest temperature) | 48 | 60 | 60 | 80 | 125 ²⁾ | 83 ²⁾ | V _{dc} |
| MPPT Operating Range | 8 - 48 | 8 - 60 | 8 - 60 | 8 - 80 | 12.5 - 105 | 12.5 - 83 | V _{dc} |
| Maximum Short Circuit Current (I _{sc}) | 11 | | 10.1 | | 14 | 14 | A _{dc} |
| Maximum DC Input Current | 13.75 | | 12.63 | | 17.5 | 17.5 | A _{dc} |
| Maximum Efficiency | 99.5 | | | | | | % |
| Weighted Efficiency | 98.8 | | | | | | % |
| Overvoltage Category | II | | | | | | |
| OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREEDGE INVERTER) | | | | | | | |
| Maximum Output Current | 15 | | | | | | A _{dc} |
| Maximum Output Voltage | 60 | | | 85 | | | V _{dc} |
| OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREEDGE INVERTER OR SOLAREEDGE INVERTER OFF) | | | | | | | |
| Safety Output Voltage per Power Optimizer | 1 ± 0.1 | | | | | | V _{dc} |
| STANDARD COMPLIANCE | | | | | | | |
| EMC | FCC Part 15 Class B IEC61000-6-2 IEC61000-6-3 | | | | | | |
| Safety | IEC62109-1 (class II safety) UL1741 | | | | | | |
| RoHS | Yes | | | | | | |
| INSTALLATION SPECIFICATIONS | | | | | | | |
| Maximum Allowed System Voltage | 1000 | | | | | | V _{dc} |
| Compatible inverters | All SolarEdge Single Phase and Three Phase inverters | | | | | | |
| Dimensions (W x L x H) | 128 x 152 x 28 / 5 x 5.97 x 1.1 | | 128 x 152 x 36 / 5 x 5.97 x 1.42 | 128 x 152 x 50 / 5 x 5.97 x 1.96 | 128 x 152 x 59 / 5 x 5.97 x 2.32 | | mm / in |
| Weight (including cables) | 630 / 1.4 | | 750 / 1.7 | 845 / 1.9 | 1064 / 2.3 | | gr / lb |
| Input Connector | MC4 ³⁾ | | | | | | |
| Output Wire Type / Connector | Double Insulated MC4 | | | | | | |
| Output Wire Length | 0.95 / 3.0 | | 1.2 / 3.9 | | | | m / ft |
| Input Wire Length | 0.16 / 0.52 | | | | | | m / ft |
| Operating Temperature Range | -40 - +85 / -40 - +185 | | | | | | °C / °F |
| Protection Rating | IP68 / NEMA6P | | | | | | |
| Relative Humidity | 0 - 100 | | | | | | % |

¹⁾ Rated STC power of the module. Module of up to +5% power tolerance allowed.
²⁾ NEC 2017 requires max input voltage be not more than 80V.
³⁾ For other connector types please contact SolarEdge.

| PV System Design Using a SolarEdge Inverter ¹⁾ | Single Phase HD-Wave | Single phase | Three Phase 208V | Three Phase 480V | |
|---|---|--------------|--------------------|---------------------|---|
| Minimum String Length (Power Optimizers) | P320, P340, P370 P400 P405 / P505 | 8 | 10 | 18 | |
| Maximum String Length (Power Optimizers) | | 25 | 25 | 50 ²⁾ | |
| Maximum Power per String | 5700 (6000 with SE7600-US - SE11400-US) | 5250 | 6000 ³⁾ | 12750 ⁴⁾ | W |
| Parallel Strings of Different Lengths or Orientations | Yes | | | | |

¹⁾ For detailed string sizing information refer to http://www.solaredge.com/sites/default/files/string_sizing_na.pdf
²⁾ It is not allowed to mix P405/P505 with P320/P340/P370/P400 in one string.
³⁾ A string with more than 30 optimizers does not meet NEC rapid shutdown requirements, safety voltage will be above the 30V requirement.
⁴⁾ For SE14-48US/SE43-24US it is allowed to install up to 6,500W per string when 3 strings are connected to the inverter (3 strings per unit for SE43-24US) and when the maximum power difference between the strings is up to 1,000W.
⁵⁾ For SE30US/SE33-3US/SE66-6US/SE100US it is allowed to install up to 15,000W per string when 3 strings are connected to the inverter (3 strings per unit for SE66-6US/SE100US) and when the maximum power difference between the strings is up to 2,000W.

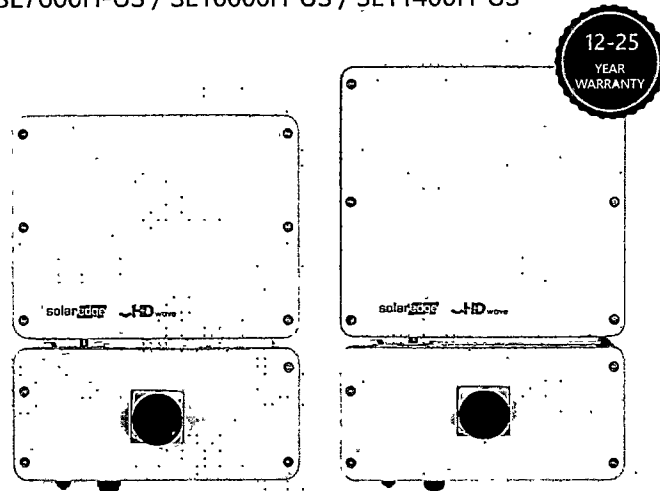
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CE RoHS

Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US



INVERTERS

/ Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

| MODEL NUMBER | SE3000H-US | SE3800H-US | SE5000H-US | SE6000H-US | SE7600H-US | SE10000H-US | SE11400H-US | |
|---|-------------------------------|----------------------------|------------|----------------------------|------------|-------------|------------------------------|-----|
| APPLICABLE TO INVERTERS WITH PART NUMBER | SEXXXXH-XXXXXBX4 | | | | | | | |
| OUTPUT | | | | | | | | |
| Rated AC Power Output | 3000 | 3800 @ 240V 3300 @ 208V | 5000 | 6000 @ 240V 5000 @ 208V | 7600 | 10000 | 11400 @ 240V 10000 @ 208V | VA |
| Maximum AC Power Output | 3000 | 3800 @ 240V 3300 @ 208V | 5000 | 6000 @ 240V 5000 @ 208V | 7600 | 10000 | 11400 @ 240V 10000 @ 208V | VA |
| AC Output Voltage Min-Nom-Max (211 - 240 - 254) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Vac |
| AC Output Voltage Min-Nom-Max (183 - 208 - 229) | - | ✓ | - | ✓ | - | - | ✓ | Vac |
| AC Frequency (Nominal) | 59.3 - 60.3 ^{ns} | | | | | | | Hz |
| Maximum Continuous Output Current @240V | 12.5 | 16 | 21 | 25 | 32 | 42 | 47.5 | A |
| Maximum Continuous Output Current @208V | - | 16 | - | 24 | - | - | 48.5 | A |
| Power Factor | 1, Adjustable - 0.85 to 0.85 | | | | | | | |
| GFDI Threshold | 1 | | | | | | | A |
| Utility Monitoring, Islanding Protection, Country Configurable Thresholds | Yes | | | | | | | |
| INPUT | | | | | | | | |
| Maximum DC Power @240V | 4650 | 5900 | 7750 | 9300 | 11800 | 15500 | 17650 | W |
| Maximum DC Power @208V | - | 5100 | - | 7750 | - | - | 15500 | W |
| Transformer-less, Ungrounded | Yes | | | | | | | |
| Maximum Input Voltage | 480 | | | | | | | Vdc |
| Nominal DC Input Voltage | 380 | | | | | | | Vdc |
| Maximum Input Current @240V ^{ns} | 8.5 | 10.5 | 13.5 | 16.5 | 20 | 27 | 30.5 | Adc |
| Maximum Input Current @208V ^{ns} | - | 9 | - | 13.5 | - | - | 27 | Adc |
| Max Input Short Circuit Current | 45 | | | | | | | Adc |
| Reverse-Polarity Protection | Yes | | | | | | | |
| Ground-Fault Isolation Detection | 600k _v Sensitivity | | | | | | | |
| Maximum Inverter Efficiency | 99 | | | 99.2 | | | | % |
| CEC Weighted Efficiency | | | 99 | | | | 99 @ 240V 98.5 @ 208V | % |
| Nighttime Power Consumption | < 2.5 | | | | | | | W |

^{ns} For other regional settings please contact SolarEdge support.
^{ns} A higher current source may be used; the inverter will limit its input current to the values stated.

Optimized installation with HD-Wave technology

- // Specifically designed to work with power optimizers
- // Record-breaking 99% weighted efficiency
- // Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- // Fixed voltage inverter for longer strings
- // Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- // UL1741 SA certified, for CPUC Rule 21 grid compliance
- // Small, lightweight, and easy to install both outdoors or indoors
- // Built-in module-level monitoring
- // Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com

solaredge

SNAPNRACK UR SPEEDSEAL FOOT FOR COMPOSTION ROOF MOUNTING

MODULE HEIGHT OFF ROOF, RANGE:

UR-40: 3³/₈" - 4³/₈"

UR-60: 4" - 5"

REFER TO SNAPNRACK ENGINEERING CHARTS FOR APPLICABLE RAIL SPANS.

5/16"Ø S.S. LAG SCREW MUST EMBED A MIN. OF 2 1/2" INTO STRUCTURAL MEMBER

REFER TO SNAPNRACK INSTALLATION MANUAL FOR 5/16"Ø HARDWARE TORQUE SPECIFICATIONS

STRUCTURAL MEMBER SPECIFICATIONS:

MINIMUM WOOD GRADE = SPF #2

MINIMUM SPECIFIC GRAVITY = 0.42

ALLOWABLE FASTENER UPLIFT = 820 LBS

ALLOWABLE FASTENER LATERAL = 250 LBS

MINIMUM FASTENER EDGE DISTANCE = 0.5"

MINIMUM FASTENER END DISTANCE = 2.2"

BIN: 8

REVISION:

| | | | |
|---|-----------|-------------|-----|
| 1 | 3/10/2020 | NEW DETAIL | MJA |
| 2 | 6/5/2020 | DIE CAST | BDP |
| 3 | 7/22/2020 | NAME UPDATE | MJA |
| 4 | 10/2/2020 | MIAMI-DADE | MJA |
| | | | |
| | | | |

SNAPNRACK, ULTRA RAIL MOUNT, TAPPED

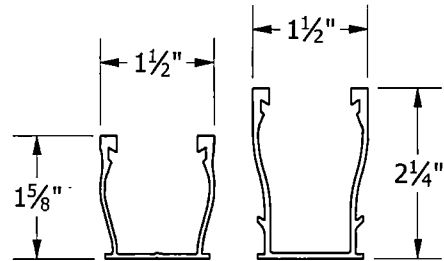
SNAPNRACK, ULTRA RAIL MOUNT, THRU

SNAPNRACK, SPEEDSEAL FOOT, BASE, SEALING

EXPLODED

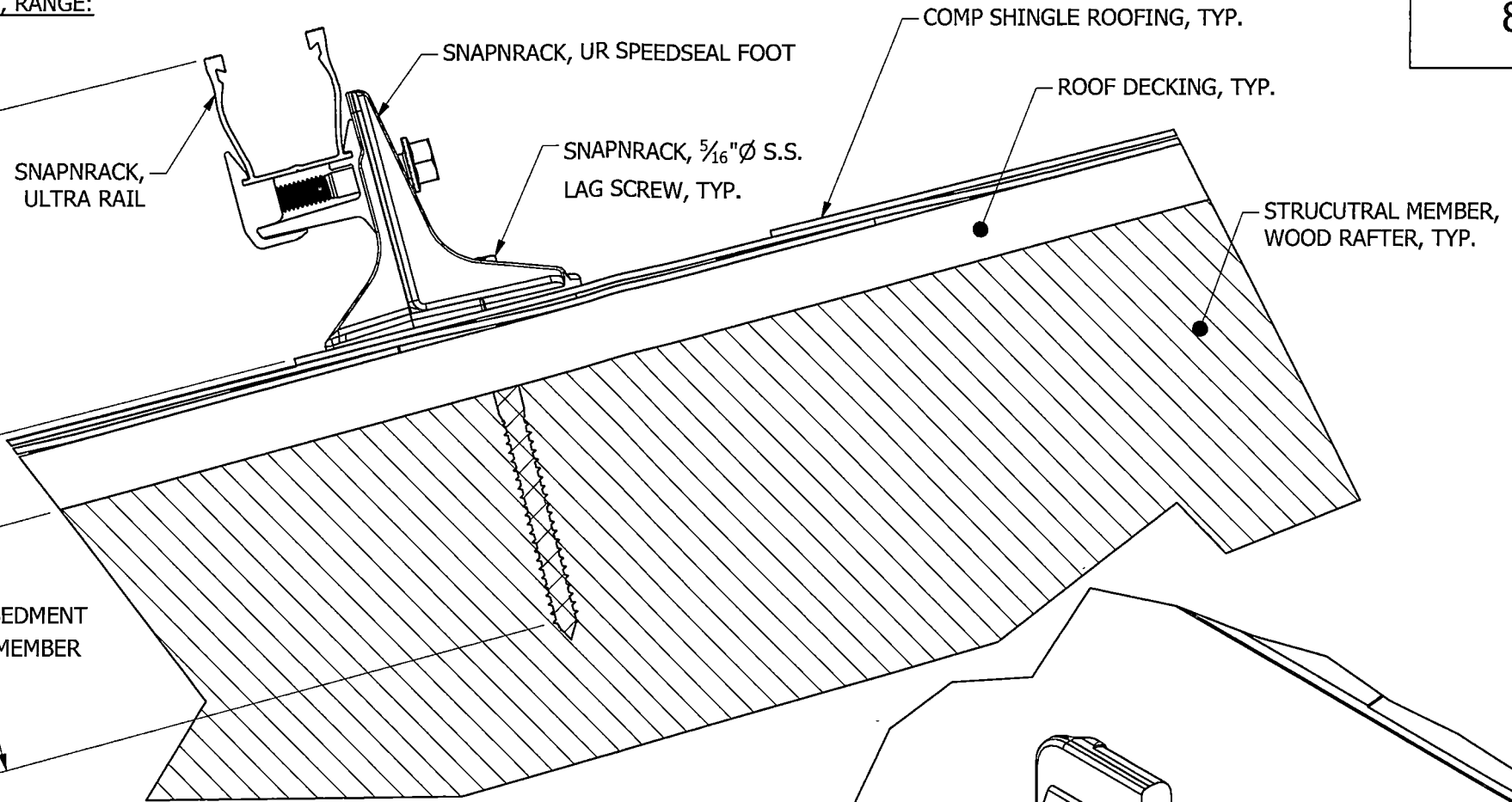
COIL SPRING FOR 3/8" Ø BOLT, S.S. OPTIONAL

5/16"Ø-18 X 2" BOLT, SERRATED FLANGE, S.S.

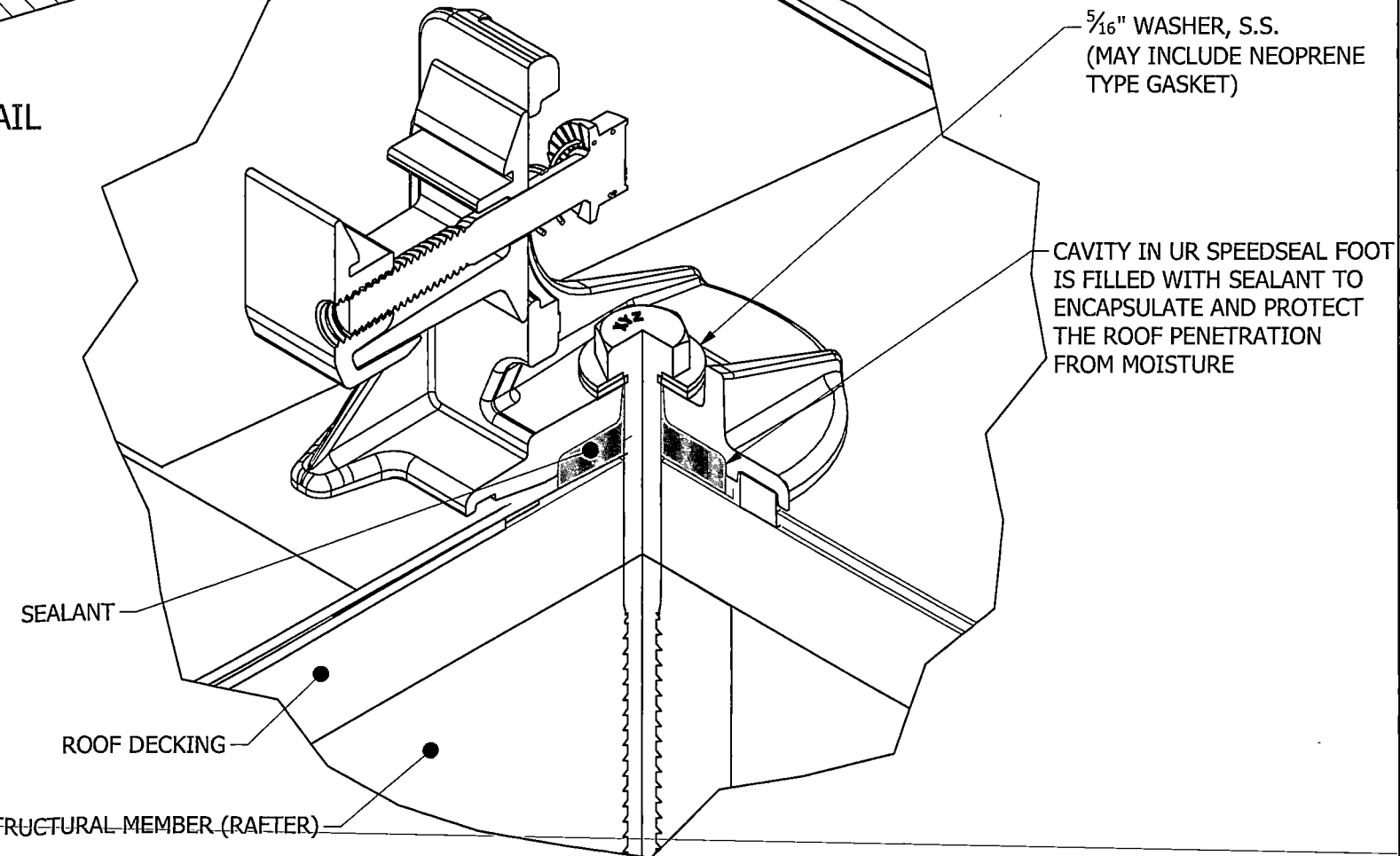


UR-40 RAIL | UR-60 RAIL

FOR USE WITH SNAPNRACK ULTRA SERIES RAILS



PENETRATION DETAIL



Sunrun South LLC
595 MARKET STREET, 29TH FLOOR • SAN FRANCISCO, CA 94105 USA
PHONE (415) 580-6900 • FAX (415) 580-6902
THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY. ANY REPRODUCTION, DISCLOSURE, OR USE THEREOF IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF SUNRUN SOUTH LLC

DESIGNER: M.AFFENTRANGER
DRAFTER: M.AFFENTRANGER
APPROVED BY: B.PETERSON

SCALE: DNS
DATE: 10/2/2020

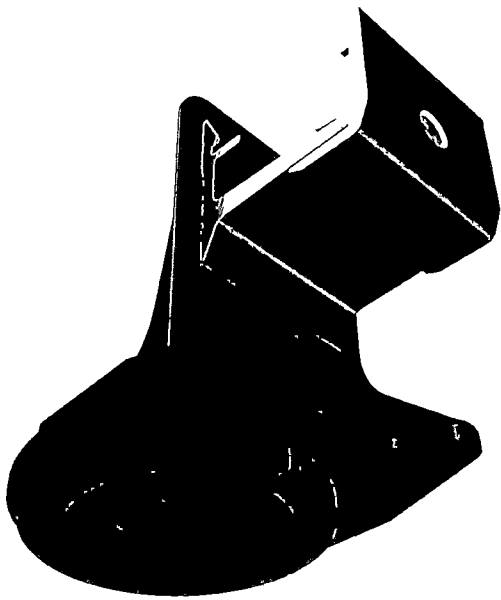
DRAWING NUMBER: SNR-DC-00438

DESCRIPTION: ULTRA RAIL, ATTACHMENT DETAIL, UR SPEEDSEAL FOOT TO RAFTER

REV: 4

SnapNrack SpeedSeal™ Foot

Patent Pending Lag Driven Sealant Solution for Ultra Rail



A New Generation of Roof Attachments

- Innovative design incorporates flashing reliability into a single roof attachment
- 100% waterproof solution
- Sealing cavity with compressible barrier secures sealant in place & fills voids

Maintain the Integrity of the Roof by Eliminating Disruption

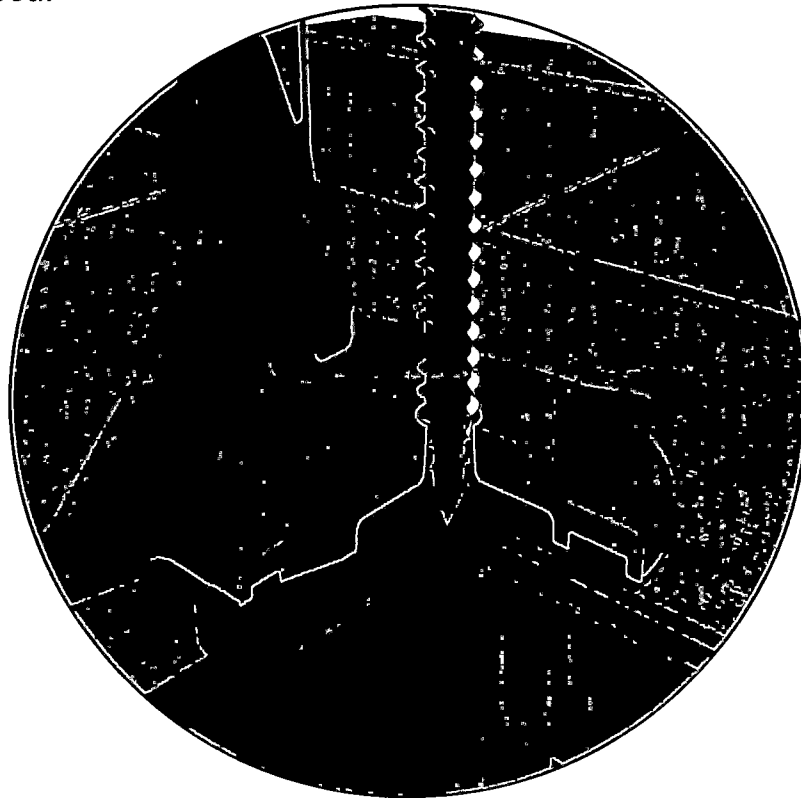
- Zero prying of shingles
- Zero removal of nails leaving holes in the roof
- Roof remains installed the way manufacturer meant it to be

Lag Driven Sealant Waterproofing

- Time Tested Roof Sealant provides lasting seal
- Sealant is compressed into cavity and lag hole as attachment is secured to rafter
- Active sealant solidifies bond if ever touched by liquid
- Technology passes UL 2582 Wind Driven Rain Test and ASTM E2140 Water Column Testing standards. Patent Pending.

Single Tool Installation

- SnapNrack was the first in the industry to develop a complete system that only requires a single tool. That tradition is continued as a ½" socket is still the only tool necessary to secure the mount as well as all other parts of the system.



Note Sealant shown in white for illustration purposes only

SnapNrack SpeedSeal™ Foot

Fastest Roof Attachment in Solar

- Lag straight to a structural member, no in-between components such as flashings or bases.
- Simply locate rafter, fill sealant cavity & secure to roof.
It's that simple!

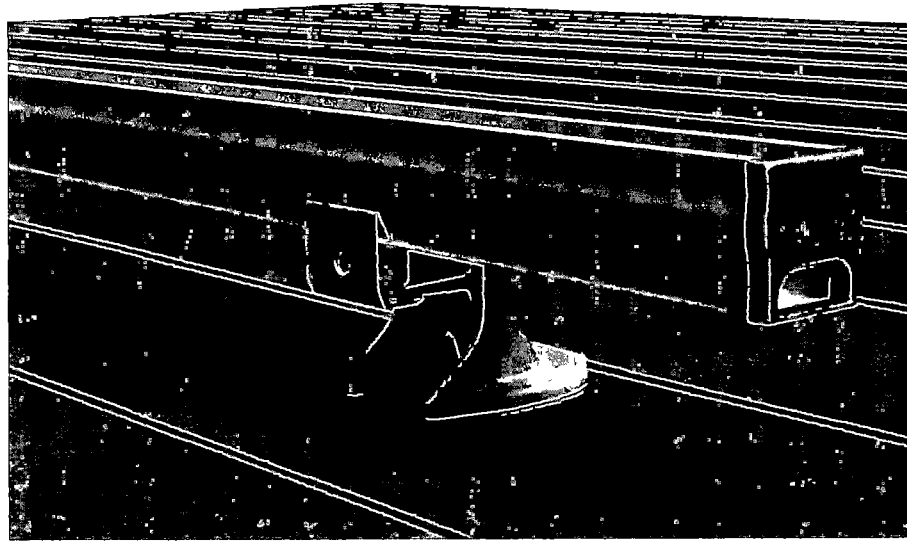


Integrated Flashings. No Questions.

- Sealant fills around lag screw keeping roof and structure sealed and intact
- No added holes from ripping up nails, staples and screws holding shingles on roof

Less Time. Less Parts. Less Tools.

- No more need for a pry bar to rip up shingles
- No more proprietary lag screws
- Single Tool installation with ½" socket



Total System Solution

One Tool. One Warranty.

- SnapNrack Ultra Rail is a straightforward intuitive install experience on the roof without compromising quality, aesthetics & safety, all supported by a 25 year warranty.
- Built-in Wire Management & Aesthetically pleasing features designed for Ultra Rail result in a long-lasting quality install that installers and homeowners love.

Certifications

SnapNrack Ultra Rail System has been evaluated by Underwriters Laboratories (UL) and Listed to UL/ANSI Standard 2703 for Mechanical Loading and Fire. Additionally it is listed to UL 2582 for wind-driven rain and ASTM 2140.

SnapNrack
Solar Mounting Solutions

877-732-2860

www.snapnrack.com

contact@snapnrack.com

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/ Single Phase Inverter with HD-Wave Technology for North America

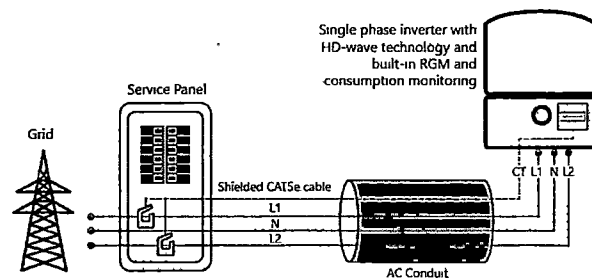
SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

| MODEL NUMBER | SE3000H-US | SE3800H-US | SE5000H-US | SE6000H-US | SE7600H-US | SE10000H-US | SE11400H-US |
|--|---|-------------|-------------|-------------------------------------|------------|-------------|-------------|
| ADDITIONAL FEATURES | | | | | | | |
| Supported Communication Interfaces | RS485 Ethernet ZigBee (optional) Cellular (optional) | | | | | | |
| Revenue Grade Metering, ANSI C12.20 | Optional ^(a) | | | | | | |
| Consumption metering | Optional ^(b) | | | | | | |
| Inverter Commissioning | With the SetApp mobile application using Built-in Wi-Fi Access Point for Local Connection | | | | | | |
| Rapid Shutdown - NEC 2014 and 2017 690.12 | Automatic Rapid Shutdown upon AC Grid Disconnect | | | | | | |
| STANDARD COMPLIANCE | | | | | | | |
| Safety | UL1741 UL1741 SA, UL1699B CSA C22.2, Canadian AFCI according to T1 L M-D7 | | | | | | |
| Grid Connection Standards | IEEE1547, Rule 21 Rule 14 (H) | | | | | | |
| Emissions | FCC Part 15 Class B | | | | | | |
| INSTALLATION SPECIFICATIONS | | | | | | | |
| AC Output Conduit Size / AWG Range | 1" Maximum / 14-6 AWG | | | 1" Maximum / 14-4 AWG | | | |
| DC Input Conduit Size / # of Strings / AWG Range | 1" Maximum / 1-2 strings / 14-6 AWG | | | 1" Maximum / 1-3 strings / 14-6 AWG | | | |
| Dimensions with Safety Switch (HxWxD) | 17.7 x 14.6 x 6.8 / 450 x 370 x 174 | | | 21.3 x 14.6 x 7.3 / 540 x 370 x 185 | | | |
| Weight with Safety Switch | 22 / 10 | 25.1 / 11.4 | 25.2 / 11.9 | 38.8 / 17.6 | | | |
| Noise | < 25 | | | < 50 | | | |
| Cooling | Natural Convection | | | | | | |
| Operating Temperature Range | -40 to +140 / -40 to +60 ^(c) | | | | | | |
| Protection Rating | NEMA 4X (Inverter with Safety Switch) | | | | | | |

^(a) Inverter with Revenue Grade Meter P/N SE3000H-US000BNC4 Inverter with Revenue Grade Production and Consumption Meter P/N SE3000H-US000BNC4 For consumption metering current transformers should be ordered separately SEACT0750-200MA-20 or SEACT0750-100MA-20 20 units per box
^(b) Full power up to at least 50 C / 122 F for power derating information refer to <https://www.solar-edge.com/sites/default/files/2019-04/parameter-derating-note-en.pdf>

How to Enable Consumption Monitoring

By simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills.



Brick

Permit Without a Jacket

Permit Number 10608 13012

Block 1386-1

Lot 1

Location Georgian Oak Estates

Street 2241 Lanes Mill Road

Proposed Use of Building Dwelling

Plumbing Permit No. B-9021
 Building Permit No. # 10608 130/2

BRICK TOWNSHIP
OCEAN COUNTY, N. J.

DIVISION OF HEALTH
APPLICATION FOR
PLUMBING PERMIT

Location Hubert's wife
 Street 22 Y 1 Lane

Lot 1
 Block 1386-1

We hereby make application to install plumbing at the above location in accordance with the provisions of the Plumbing Code of the **TOWNSHIP OF BRICK** N. J. and following the plan drawn on the reverse side of this application.

Signed Debra Green
 Officer

Signed Ken Farrow
 Plumber

Date 10-19-95
 Fee 15.80

\$7.00 for 8 fixture units
50c for each additional fixture unit

INSPECTION

Certificate of Approval 4/21/77

Rough 12/17/75

Final 4/5/77 SW

5779 SDR 3/19/76
~~Septic or Sewer~~

TYPE OF BUILDING

1 Family Dwelling

Apartment House

Store

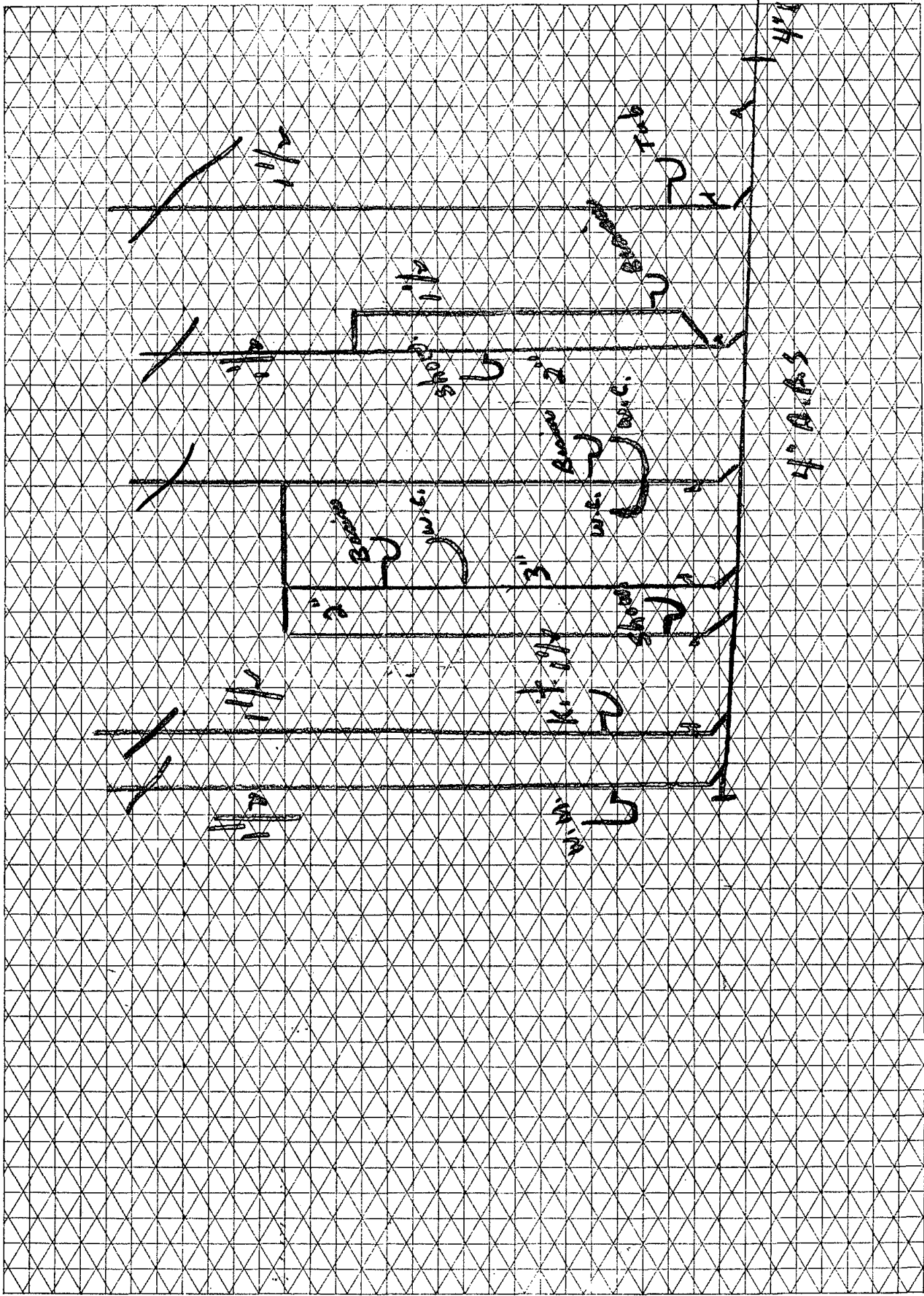
Office

Factory

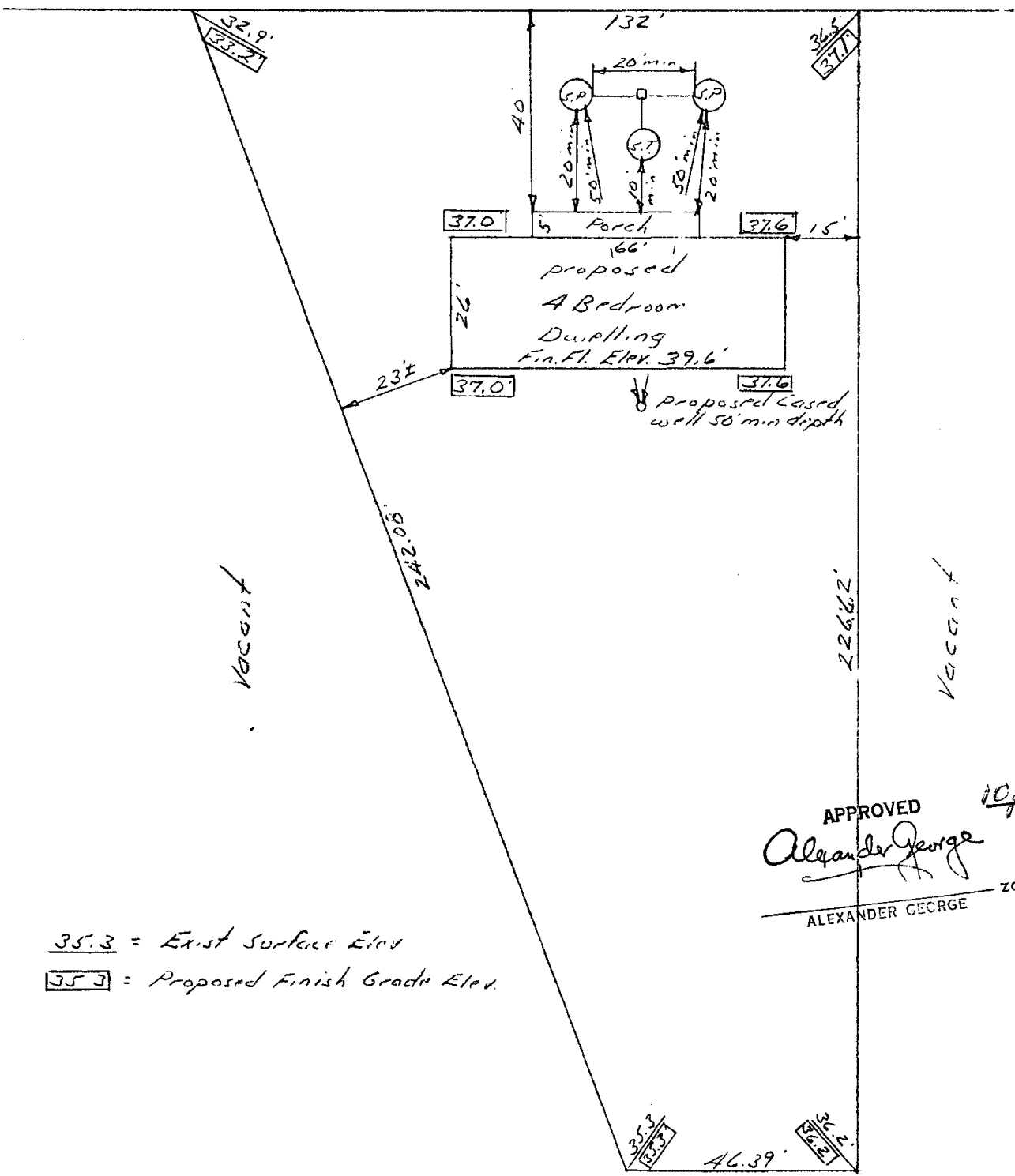
New 1

Alteration

| No. of Fixtures | Fixtures | Units Per Fix. | Units |
|-----------------|---------------------------|----------------|-------|
| 3 | Water Closet | (4) | 12 |
| | Water Closet (Flush) | (8) | |
| 3 | Laboratories | (1) | 3 |
| 1 | Bath Tub | (2) | 2 |
| 2 | Shower | (2) | 4 |
| 1 | Kitchen Sink - 1 1/2 Trap | (2) | 2 |
| | Sink 2" Trap | (4) | |
| | Sink (Stop) | (3) | |
| | Laundry Tray | (2) | |
| | Dishwasher | (2) | |
| 1 | Washing Machine | (2) | 2 |
| | Urinals | (2) | |
| | Urinals (Flush) | (8) | |
| | Floor Drains | (1) | |
| | Other Fix. | | |
| 11 | Total Fixtures | Total Units | 25 |



Asphalt Pavement
 CONC. CURB
 LANES MILL ROAD



35.3 = Exist Surface Elev
 37.3 = Proposed Finish Grade Elev.

APPROVED
Alexander George
 ALEXANDER GEORGE ZONING OFFICER
 Date 10/30/25

Charles H. Glasgow, Sec.
 Morris & Glasgow, Inc

Lot 1
 Block 13

DIVISION OF HEALTH OF THE TOWNSHIP OF BRICK SDA- 5779
APPLICATION FOR PERMIT TO LOCATE AND CONSTRUCT AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Date Oct. 17, 1975

2941 Lanes Mill Road Street Location Block No. 1386-1 Lot No. 1

Owner (print) Georgian Oak Estates

If corporate owner or developer list names and position of individual applying for permit.

Present Address 305 Woodland Avenue, Pt. Pl. Beach, N. J.

Name and Address of Contractor (print) same

Type of Building to be served 1 family dwelling

Dwelling Unit - No. of Bedrooms 4 Expansion Attic Yes No X

Other Type of Building _____ Gals. per person _____

Type of Facilities _____ persons _____

Size of Lot irregular Area sq. ft. 20,213

Septic Tank - Liquid Capacity 1000 gal. Shape circular Material precast conc.

Width _____ Length _____ Diameter 6' 6"

Liquid depth 4' 6 3/4" Distance from liquid to underside of top 9"

Liquid Disposal Disposal Trenches _____ sq. ft. Disposal Bed _____ sq. ft. Seepage Pits 330 sq. ft.

Disposal Trenches - Width _____ Depth _____ Lin. Ft. of Pipe _____

Distance between lines _____ Type of Pipe _____

Disposal Bed - Width _____ Length _____ Area sq. ft. _____

Lin. ft. of Pipe _____ Type of Pipe _____

Distance between lines _____

2 Lakewood Sanitary Seepage Pits - Number SP-2 Width _____ Length _____ Diameter 6' 6"

Depth below inlet 8' 1 1/2" Distance between pits 20'

Shape of Pits circular Construction material precast conc.

Depth of permeable material to be penetrated 8' 1 1/2"

I certify that the proposed sewerage facilities for the proposed realty improvement are in compliance with the provisions of Chapter 199, P. L. 1959 Revised 1963 and these standards.

Charles H. Glasgow, Sec.
 Morris & Glasgow, Inc.

Dated Oct. 17, 1975

Percolation Tests Results

(as performed according to specifications set forth in P. L. 199, Sec. 9-B)

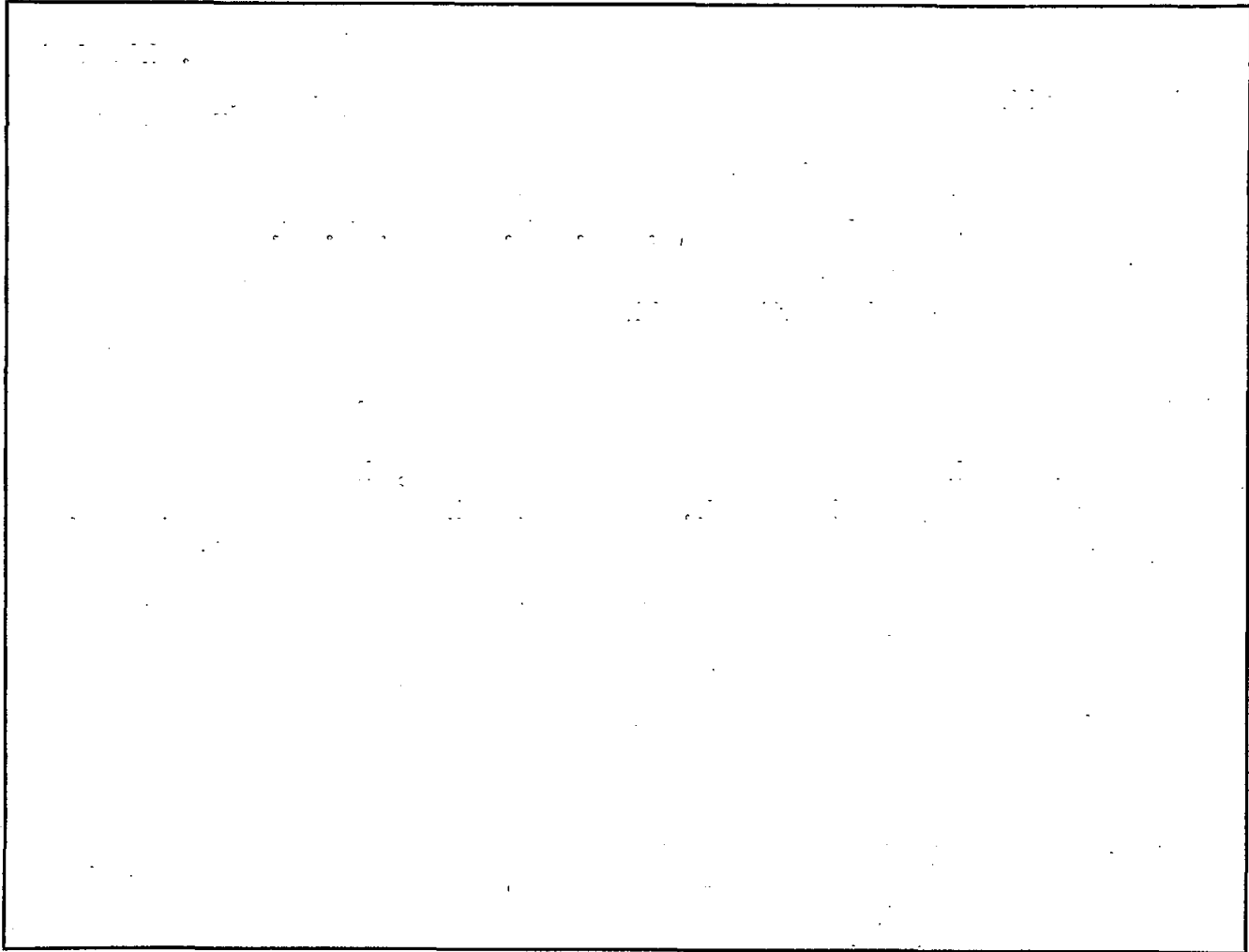
| | Time In Min. per in. | Number of Tests to Determine Saturation | Depth | Type of Soil Encountered, Depth of Each Type |
|------------------|----------------------|---|-------|--|
| Ground Water | 5 ✓ | 2 | 1 | |
| at 12' | | | 2 | well graded gravelly sand |
| wt 10' - 7' pits | | | 3 | |
| Extra Stone | | | 4 | |
| 3/18/76 DM | | | 5 | |
| Source of Boring | | | 6 | poorly graded sand |
| Wm. Endreson | | | 7 | |
| | | | 8 | |
| | | | 9 | |
| | | | 10 | |
| | | | 11 | |
| | | | 12 | well graded sand, some silt |
| | | | 13 | |
| | | | 14 | |
| | | | 15 | |
| | | | 16 | |
| | | | 17 | silty sand |
| | | | 18 | |
| | | | 19 | |
| | | | 20 | |
| | | | 21 | Surface elevation: 37' |
| | | | 22 | |
| | | | 23 | |
| | | | 24 | |
| | | | 25 | |
| | | | 26 | |
| | | | 27 | |
| | | | 28 | |
| | | | 29 | |
| | | | 30 | |

Edward Marie Pires
 Morris & Glasgow, Inc.

-7' Pit
 No Permit
 3/17/76

at 12'
 wt 10' - 7' pits
 Extra Stone
 3/18/76 DM

Oct. 71
 Date



Make an accurate sketch or attach plot plan showing the following - lot dimensions, location of house, location of each unit of disposal system, all buildings and large trees in disposal area. Include distances from house, side and rear lots lines, auxiliary buildings, large trees and sewerage units and water supply.

The undersigned agrees to construct the aforescribed individual sewage disposal system in accordance with the provisions of the Laws of the State of New Jersey and Standards adopted by the State Commissioner of Health pursuant thereto and applicable ordinances of the Township of Brick.

Owner Georgian oak estates

Contractor Georgian oak estates

Approved by

Plumbing Inspector D McCall 10/28/75
Date

Engineer for the Board _____
Date

Remarks:

Brick

Permit Without a Jacket

Permit Number A-5648

Construction Permit #

A-5648

June 19, 1980

Owner Pat Cenicola

Location 2241 Lanes Mill Road

Georgian Oak Estates

Block 1386-1

Lot 1

Contractor Aqua Clear Pools

Fee \$ 42.50

Use Pool & Fence

Pool brace

BUILDING SUB-CODE INSPECTIONS

Footing Trench *6-27-80 J.K.*

Slab _____

Foundation _____

Sheathing _____

Framing _____

Insulation _____

Sheet Rock _____

Final *11-25-81 J.K.*

(Handwritten initials)

VIOLATIONS

FIRE SUB-CODE _____

ELECTRICAL SUB-CODE _____

PLUMBING SUB-CODE INSPECTIONS

Slab _____

Rough _____

Septic/Sewer _____

Water _____

Final _____

C.O. Issued _____

Use reverse side for additional remarks

9.



Bricktown
OCEAN COUNTY ELECTRICAL BUREAU
 COURT HOUSE
 TOMS RIVER, NEW JERSEY

1386-1

GENTLEMEN: 1 FOR MUNICIPAL RECORDS

PREMISES OWNED BY Cenicola

OCCUPIED BY _____

LOCATION 2241 Lane Mill Rd.

"Installation in the above premises has been inspected and is in accordance with the current edition of the National Electrical Code, Regulations and Orders of the Board of Public Utility Commissioners and requirements of the utility company as filed with the Board."

SERVICE Pool bonded RANGE _____ HEATER _____

FIXTURES _____ RECEPTACLES 1 MISC. filter

APPLICATION # 8668

ELEC. 107

Rick T. Shea #192

JUN 16 1980

CONSTRUCTION PERMIT APPLICATION
BRICK TOWNSHIP, NEW JERSEY

BUILDING

IMPORTANT — Complete ALL items. Mark boxes where applicable

AP
AR

I. LOCATION OF BUILDING

Number and street: 2241 LANES Mill RD Section: GEORGIAN OAK ESTATES Lot: 1 Block: 1386-1

N S N S

E W side of feet E W from intersection of

(Other local geographic, political, or legal subdivision identification)

II. TYPE AND COST OF BUILDING — All applicants complete Parts A-D

A. TYPE OF IMPROVEMENT

1 New buildings

2 Addition (If residential, enter number of new housing units added, if any, in Part D, 13)

3 Alteration (See 2 above)

4 Repair, replacement

5 Demolition

6 Moving (relocation)

7 Garage

Swim Pool In out

Fence

D. PROPOSED USE — For "Wrecking" most recent use

Residential

12 One family

13 Two or more family — Enter number of units

14 Transient hotel, motel, or dormitory — Enter number of units

15 Garage

16 Carport

17 Other — Specify

Nonresidential

18 Amusement, recreational

19 Church, other religious

20 Industrial

21 Parking garage

22 Service station, repair garage

23 Hospital, institutional

24 Office, bank, professional

25 Public utility

26 School, library, other educational

27 Stores, mercantile

28 Tanks, towers

29 Other - Specify

B. OWNERSHIP

8 Private (individual, corporation, nonprofit institution, etc.)

9 Public (Federal, State, or local government)

Describe 16 x 35 inground single line and fence

C. COST

10. Cost of Improvement 7000 \$ (Omit cents)

To be installed but not included in the above cost

a. Electrical (# Fixtures, Outlets)

b. Plumbing (# of Fixtures)

c. Heating, air conditioning

d. Other (elevator, etc.)

11. TOTAL COST OF IMPROVEMENT \$

Nonresidential — Describe in detail proposed use of buildings, e.g., food processing plant, machine shop, laundry building at hospital, elementary school, secondary school, college, parochial school, parking garage for department store, rental office building, office building at industrial plant. If use of existing building is being changed, enter proposed use.

III. SELECTED CHARACTERISTICS OF BUILDING —
For new buildings and additions, complete Parts E-I; for wrecking, complete only Part H, for all others skip to IV.

| | | |
|---|--|---|
| <p>E. PRINCIPAL TYPE OF FRAME</p> <p><input type="checkbox"/> Masonry (wall bearing)</p> <p><input type="checkbox"/> Wood frame</p> <p><input type="checkbox"/> Structural steel</p> <p><input type="checkbox"/> Reinforced concrete</p> <p><input type="checkbox"/> Other - Specify</p> | <p>H. DIMENSIONS</p> <p>Number of stories</p> <p>Total square feet of floor area, all floors, based on exterior dimensions</p> <p>Total land area, sq. ft.</p> | <p>FEE COMPUTATIONS</p> <p>VOLUME OF BUILDING <u>35.00</u></p> <p>BUILDING SUB CODE</p> <p>ELECTRICAL CODE</p> <p>PLUMBING CODE</p> <p>PLAN REVIEW</p> <p>CERTIFICATE OF OCCUPANCY</p> <p>STATE TRAINING FUND</p> <p>CONSTRUCTION <u>7.50</u></p> <p>PERMIT FEE <u>42.30</u></p> |
| | <p>F. TYPE OF HEATING SYSTEM</p> <p>Specify</p> <p>Air Cond. Yes <input type="checkbox"/> No <input type="checkbox"/></p> | |
| <p>G. TYPE OF SEWERAGE DISPOSAL</p> <p><input type="checkbox"/> Public</p> <p><input type="checkbox"/> Individual</p> | | |

6/19/80

SEE REVERSE

A-5688

dr.

| SUB CONTRACTORS | | | | |
|-----------------|-------|---------|----------|---------|
| NAME | TRADE | ADDRESS | ZIP CODE | PHONE # |
| 1. | | | | |
| | | | | |
| 2. | | | | |
| | | | | |
| 3. | | | | |
| | | | | |
| 4. | | | | |
| | | | | |
| 5. | | | | |
| | | | | |
| 6. | | | | |
| | | | | |
| 7. | | | | |
| | | | | |
| 8. | | | | |
| | | | | |

PERSON TO BE IN CHARGE OF CONSTRUCTION

NAME *AQUA CLEAR Pools*

ADDRESS *RD 3 BOX 206 RT 9 ENGLISTOWN NJ 07226*

IV. IDENTIFICATION — To be completed by all applicants

| Name | Mailing address — Number, street, city, and State | ZIP code | Tel. No. |
|--|---|--------------|-----------------|
| 1. <i>PAT CENICOLA</i> Owner Agent | <i>2241 LANES MILL RD BRICK NJ</i> | <i>08723</i> | <i>458-0591</i> |
| 2. <i>AQUA CLEAR Pools</i> Contractor | | | |
| 3. Architects | | | |

The owner of this building and the undersigned agree to conform to all applicable laws of Township of Brick and that all required state, county and local prior approvals have been given.

Signature of applicant

Address

Application date

DO NOT WRITE IN THIS SPACE — FOR OFFICE USE ONLY

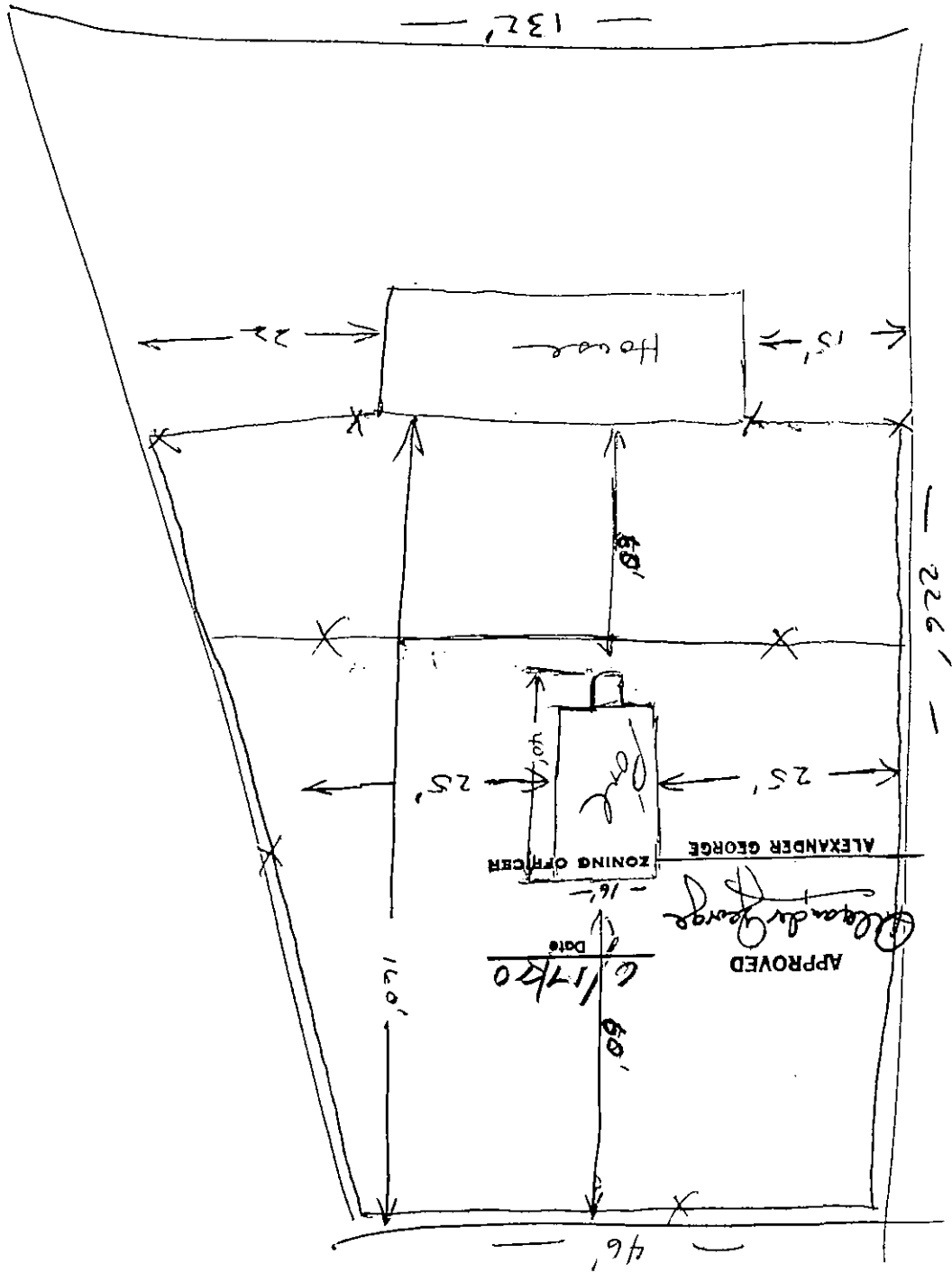
Approved by

Date permit issued

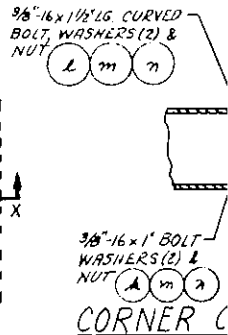
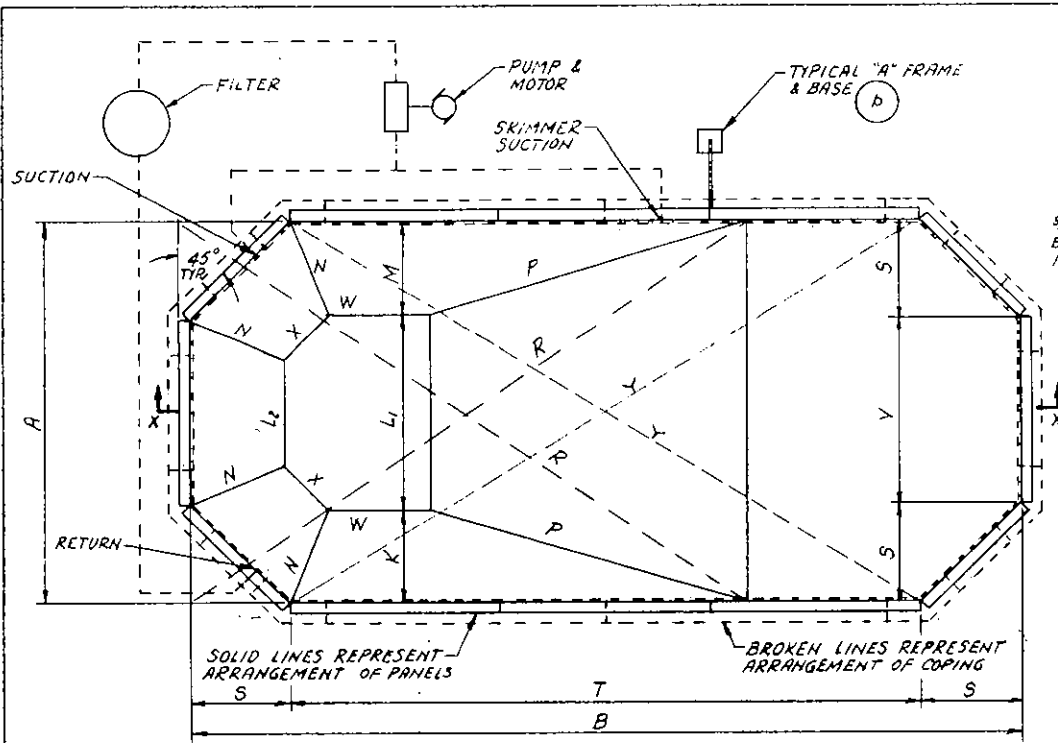
Permit Number

I agree to construct said building in conformity with the plans and specifications filed with the Construction Official and in compliance with the provisions of the Building Code whether shown on plans or not.

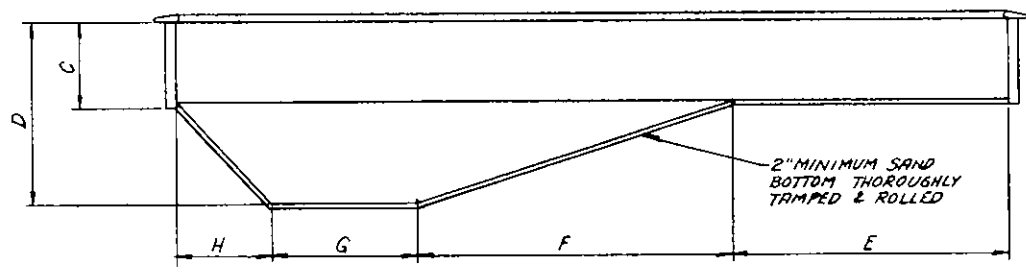
Lane Mill Rd



A-5648
8735

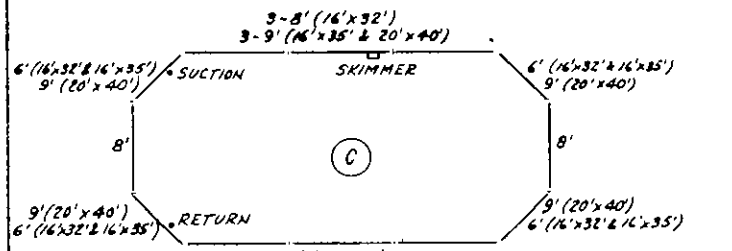


PLAN OF POOL - DO NOT SCALE
TYPE II POOL-DIVING BOARD IS PERMITTED

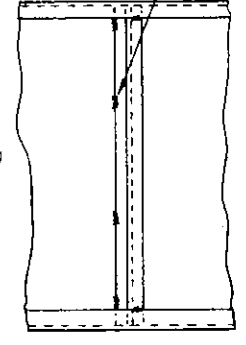
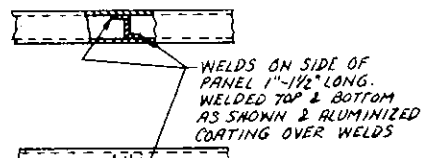


LONGITUDINAL SECTION "X-X"

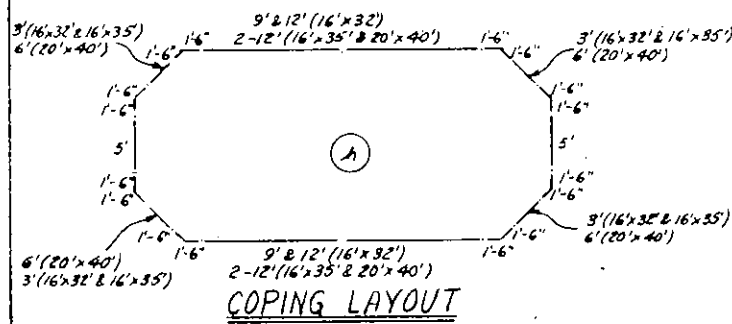
| | POOL DIM | |
|----------------|------------|---------|
| | PO | |
| | 16'x32' | 16'x40' |
| A | 16'-6" | 16'-6" |
| B | 32'-6" | 35'-4" |
| C | 3'-4" | 3'-4" |
| D | 8'-0" | 8'-0" |
| E | 8'-9" | 11'-9" |
| F | 13'-6" | 13'-6" |
| G | 6'-3" | 6'-3" |
| H | 4'-0" | 4'-0" |
| K | 4'-0" | 4'-0" |
| L ₁ | 8'-6" | 8'-6" |
| L ₂ | 4'-8 1/4" | 4'-8" |
| M | 4'-0" | 4'-0" |
| N | 6'-4 3/8" | 6'-4" |
| P | 14'-10" | 14'-7" |
| R | 28'-11" | 28'-7" |
| S | 4'-3" | 4'-3" |
| T | 24'-0" | 27'-7" |
| V | 8'-0" | 8'-0" |
| W | 4'-4" | 4'-4" |
| X | 2'-8 1/4" | 2'-8" |
| Y | 29'-1 1/4" | 31'-7" |



PANEL ARRANGEMENT



TYPICAL PANEL STIFFENER

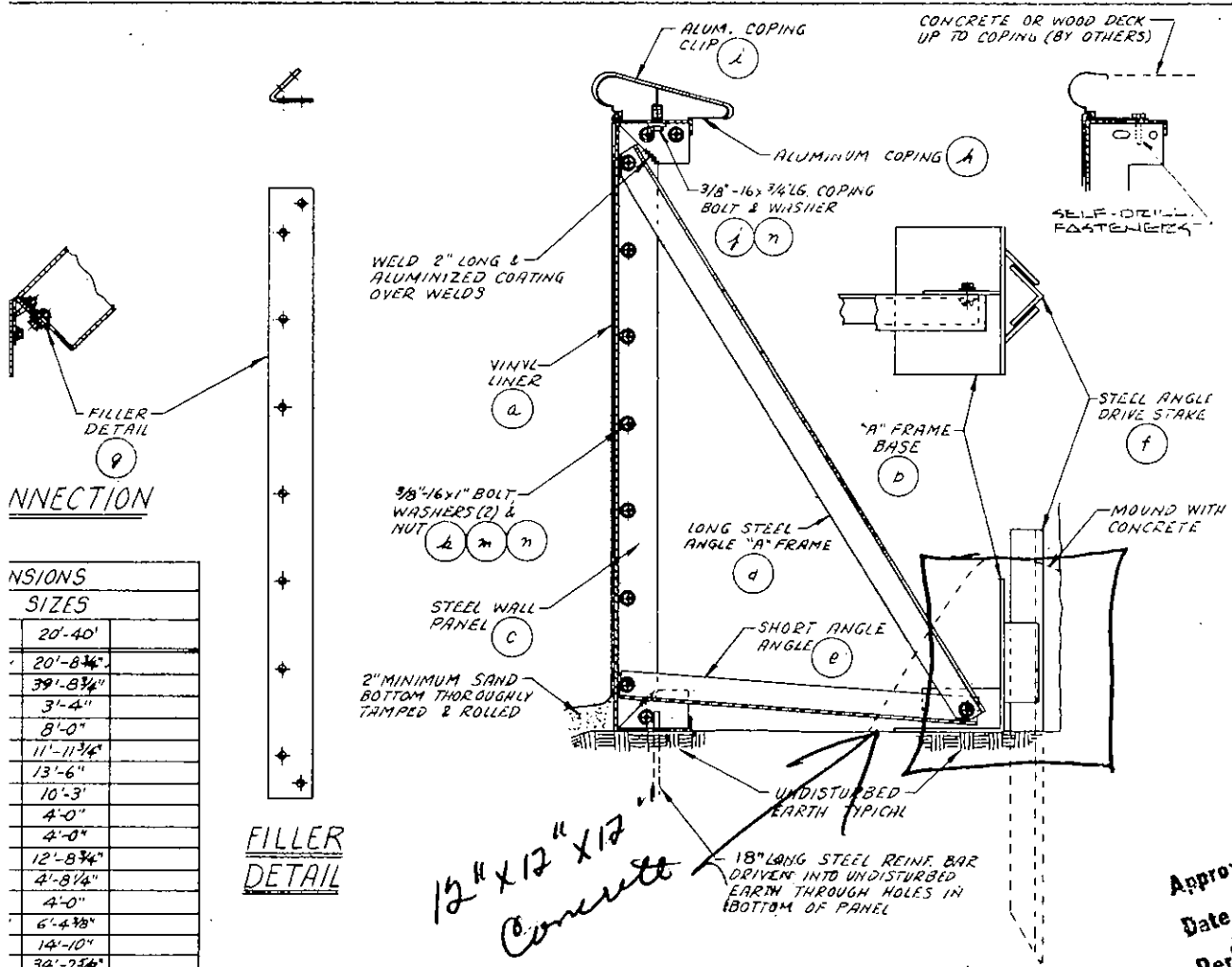


COPING LAYOUT

DESCRIPTION
ITEM NO.,
NO.,
NO.

NOTES:
1. MATERIAL FINISH: 2 CC
2. ALL BOLTS ARE GALV

A-5648



*Vacuum Breaker
in base of
also temporary
fill area
Pool area
water confined*

| ENSIONS | SIZES |
|-------------|-------|
| 20'-40' | |
| 20'-8 3/4" | |
| 39'-8 3/4" | |
| 3'-4" | |
| 8'-0" | |
| 11'-11 3/4" | |
| 13'-6" | |
| 10'-3" | |
| 4'-0" | |
| 4'-0" | |
| 12'-8 3/4" | |
| 4'-8 1/4" | |
| 4'-0" | |
| 6'-4 3/8" | |
| 14'-10" | |
| 39'-7 3/8" | |
| 6'-4 3/8" | |
| 27'-0" | |
| 8'-0" | |
| 6'-2 3/4" | |
| 5'-8 1/4" | |
| 34'-0 1/4" | |

FILLER
DETAIL

*12" x 12" x 12"
Concrete*

TYPICAL WALL SECTION
AT "A" FRAME

Approved
Date 6-17-70
Permit No.
Building Inspector
R. McHenry

BILL OF MATERIALS

| VINYL LINER | | "A" FRAME BASE | | 6'-0" STL. WALL PANEL | | 8'-0" STL. WALL PANEL | | 9'-0" STL. WALL PANEL | | LONG STEEL ANGLE | | SHORT STEEL ANGLE | | STEEL ANGLE DRIVE STAKE | | FILLER DETAIL | | 1'-6" x 1'-6" COPING CORNER | | 3'-0" COPING PIECE | | 5'-0" COPING PIECE | | 6'-0" COPING PIECE | | 9'-0" COPING PIECE | | 12'-0" COPING PIECE | | COPING CLIP | | 3/8" x 1/4" x 1/6" HEX. HD. COPING BOLT | | 3/8" x 1/4" x 1/6" HEX. HD. BOLT | | 3/8" x 1/2" x 1/6" HEX. HD. CURVED BOLT | | 3/8" x 1/6" NUT | | 3/8" - 1" DIA. FLAT WASHER | | POOL SIZES | | | | | |
|-------------|---|----------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|------------------|---|-------------------|---|-------------------------|-----|---------------|-----|-----------------------------|-----|--------------------|-----|--------------------|----|--------------------|----|--------------------|-----|---------------------|-----|-------------|---|---|---|----------------------------------|---|---|---|-----------------|---|----------------------------|----|------------|--|--|--|-----------|-----------|
| A | B | C-1 | C-2 | C-3 | C-4 | C-5 | C-6 | C-7 | C-8 | C-9 | D | E | F | G | H-1 | H-2 | H-3 | H-4 | H-5 | H-6 | H-7 | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | | | | | | |
| 1 | 4 | | 4 | | | 8 | | | | | 4 | 4 | 4 | 8 | 8 | 4 | | | | 2 | | 2 | 2 | 18 | 82 | 76 | 56 | 132 | 264 | | | | | | | | | | | | | | | | | 16' x 32' | |
| 1 | 4 | | 4 | | | 2 | 6 | | | | 4 | 4 | 4 | 8 | 8 | 4 | | | | 2 | | 4 | 18 | 82 | 76 | 56 | 132 | 264 | | | | | | | | | | | | | | | | | | | 16' x 35' |
| 1 | 4 | | | | | 2 | 10 | | | | 4 | 4 | 4 | 8 | 8 | | | | | 2 | 4 | 4 | 18 | 88 | 76 | 56 | 132 | 264 | | | | | | | | | | | | | | | | | | | 20' x 40' |

R. Hoffmann

NOTE: THE FOLLOWING ITEMS SHALL BE OMITTED IF 8'-0" STAIRS SIZE ADDED TO THESE POOLS:

- 1- 8'-0" STEEL WALL PANEL (C-5)
- 1- 5'-0" COPING PIECE (H-4)
- 2- 1'-6" x 1'-6" COPING CORNER (H-1)
- 2- FILLER DETAILS
- 14- 3/8" CURVED BOLTS (L)
- SEE STAIR DRAWING 3250-GS FOR DETAILS.

GA. COPPER BEARING
EEL
PER SQ/FT GALVANIZED
NG BOTH SIDES
NUTS & WASHERS
USED.

ROBERT J. HOFFMAN AND ASSOC.
CONSULTING ENGINEER N. J. P. E. 6388
1064 SHERMAN AVE.
50. PLAINFIELD, N.J. 070

POOL BY HELDOR

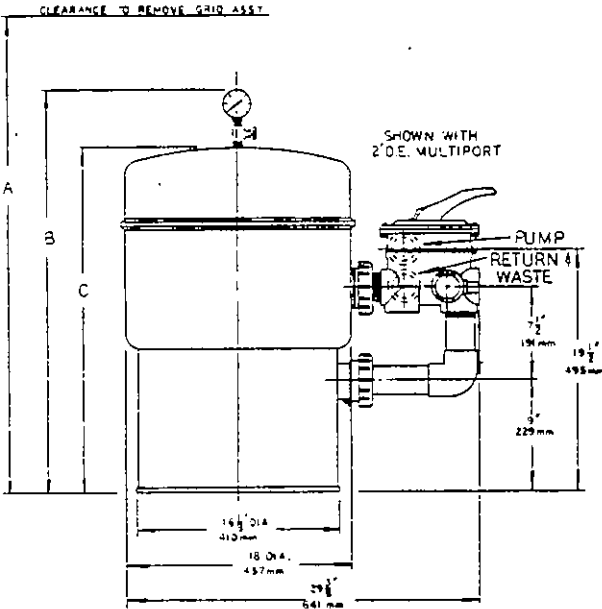
| | |
|------------------------------------|-----------------|
| HELDOR ASSOC. | CLIFTON, N. J. |
| SCALE: | APPROVED BY: |
| DATE: 8-24-70 | DRAWN: EMW |
| GENERAL ARRANGEMENT & INSTALLATION | REV: 10-1-77 |
| GRECIAN | DWG. NO. 3250-C |

3-30-79



NAUTILUS

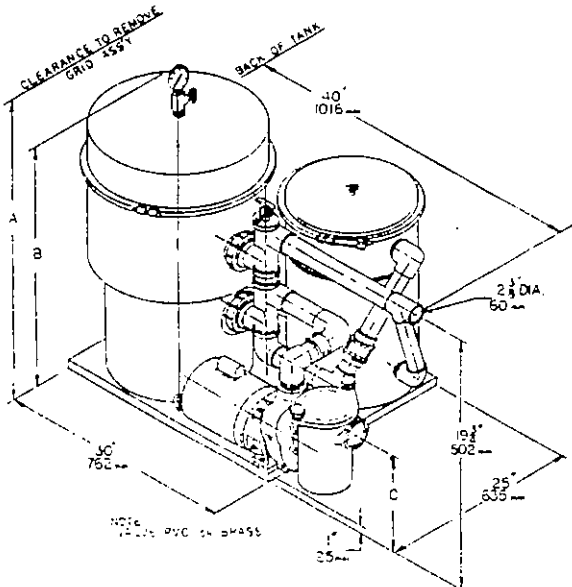
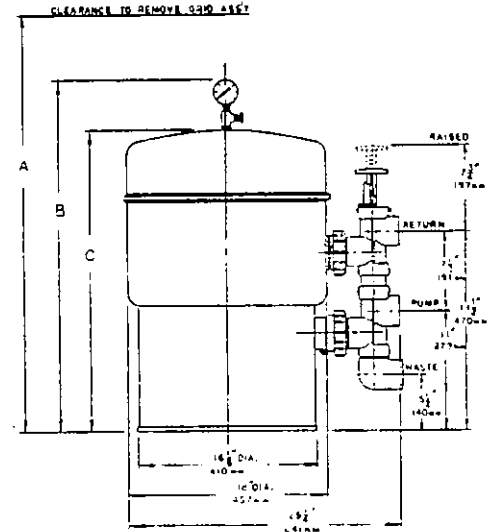
UPRIGHT DIATOMACEOUS EARTH FILTER



| MODEL | NS SERIES WITH BACKWASH VALVES | | | | | |
|-------|--------------------------------|--------|---------|--------|---------|--------|
| | ADIM. | | BDIM. | | CDIM. | |
| | INCHES | METRIC | INCHES | METRIC | INCHES | METRIC |
| NS-24 | 41" | 1041mm | 34 1/4" | 870mm | 29 1/2" | 749mm |
| NS-36 | 47" | 1194mm | 40 1/4" | 1022mm | 35 1/2" | 902mm |
| NS-48 | 59" | 1499mm | 46 1/4" | 1075mm | 41 1/2" | 1054mm |
| NS-60 | 65" | 1651mm | 52 1/4" | 1327mm | 47 1/2" | 1207mm |

NS SERIES SKID MOUNTED WITH BACKWASH VALVE, SEPT. TANK AND PUMP

| MODEL | ADIM. | | BDIM. | | CDIM. | |
|----------------------------|--------|--------|---------|--------|--------|--------|
| | INCHES | METRIC | INCHES | METRIC | INCHES | METRIC |
| NS-36 w/1 H.P. RPZ-590 | 48" | 1219mm | 41 1/4" | 1048mm | 9" | 229mm |
| NS-36 w/1 1/2 H.P. RPZ-700 | 48" | 1219mm | 41 1/4" | 1048mm | 9 3/8" | 238mm |
| NS-48 w/1 1/2 H.P. RPZ-700 | 60" | 1524mm | 47 1/4" | 1200mm | 9 3/8" | 238mm |
| NS-48 w/2 H.P. RPZ-700 | 60" | 1524mm | 47 1/4" | 1200mm | 9 3/8" | 238mm |
| NS-60 w/2 H.P. RPZ-700 | 66" | 1676mm | 53 1/4" | 1353mm | 9 3/8" | 238mm |

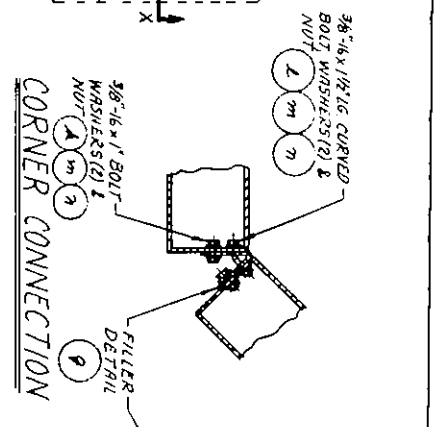
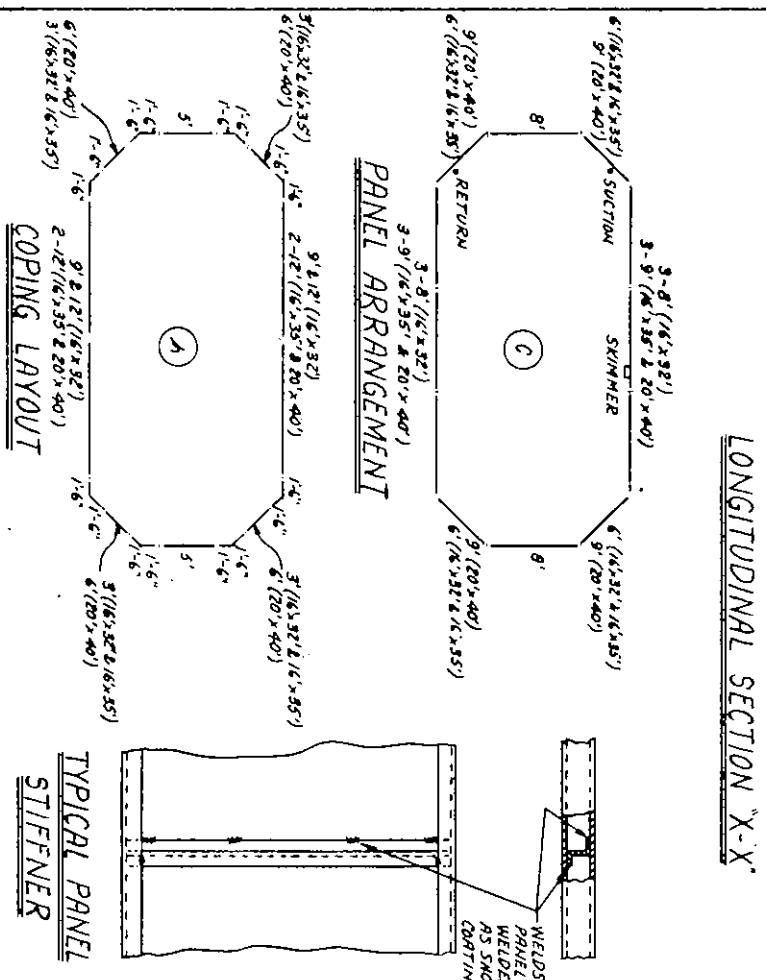
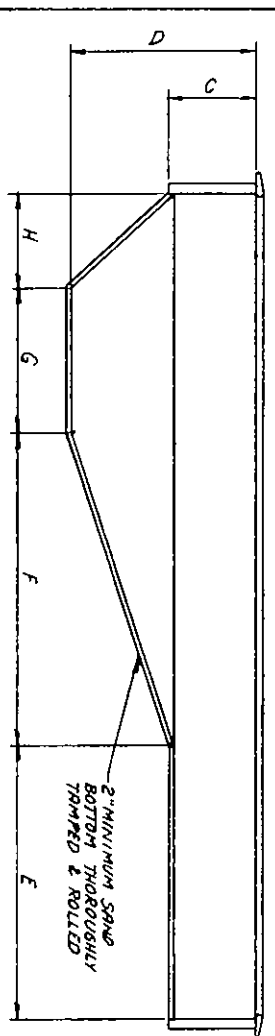
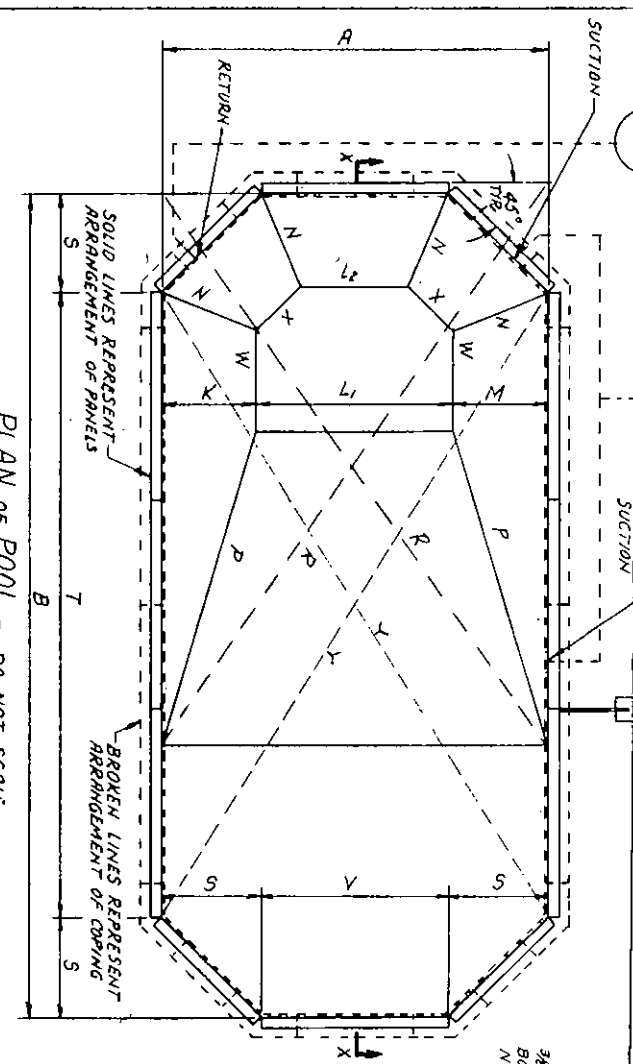


FILTER DATA

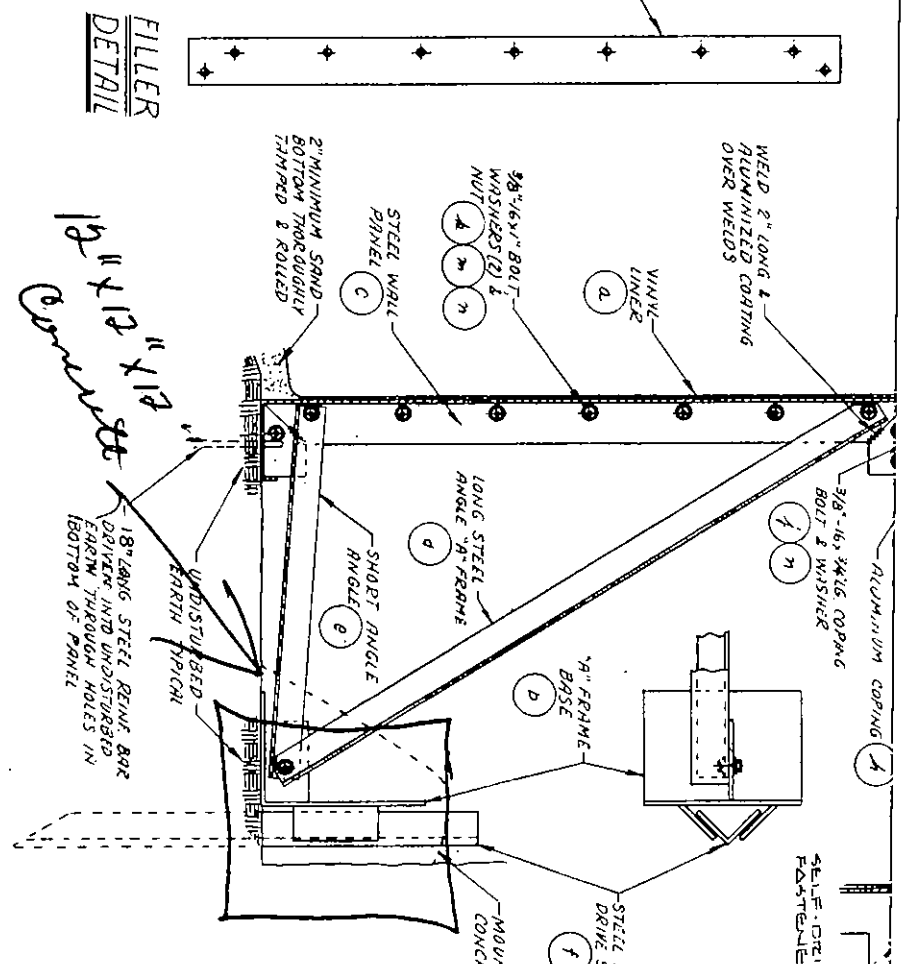
| MODEL | FILTER AREA | | FLOW RATE | | TURNOVER IN (HOURS) | | | | | | | | D. E.* REQUIRED |
|-------|-------------|------|-----------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| | | | | | 6 | | 8 | | 10 | | 12 | | |
| | Sq. Ft. | M2 | GPM | Liters | Gallons | Liters | Gallons | Liters | Gallons | Liters | Gallons | Liters | |
| NS-24 | 24 | 2.23 | 48 | 181 | 17,280 | 65,405 | 23,040 | 87,207 | 28,200 | 109,008 | 34,560 | 130,810 | 6 |
| NS-36 | 36 | 3.34 | 72 | 273 | 25,920 | 98,107 | 34,560 | 130,810 | 43,200 | 163,512 | 51,840 | 196,214 | 9 |
| NS-48 | 48 | 4.46 | 96 | 363 | 34,560 | 130,810 | 46,080 | 174,413 | 57,600 | 218,016 | 69,120 | 261,619 | 12 |
| NS-60 | 60 | 5.57 | 120 | 454 | 43,200 | 163,512 | 57,600 | 218,016 | 72,000 | 272,520 | 86,400 | 327,024 | 15 |

*ONE QUART (VOLUME) IS USED FOR UNIT OF MEASURE.

A-5648



| POOL DIMENSIONS | |
|-----------------|------------|
| POOL SIZES | |
| A | 16'-6" |
| B | 32'-6" |
| C | 3'-4" |
| D | 8'-0" |
| E | 8'-9" |
| F | 13'-6" |
| G | 6'-3" |
| H | 4'-0" |
| I | 8'-6" |
| J | 4'-0" |
| K | 4'-0" |
| L | 4'-0" |
| M | 4'-0" |
| N | 6'-4 3/8" |
| P | 14'-10" |
| R | 28'-11" |
| S | 4'-3" |
| T | 24'-0" |
| V | 8'-0" |
| W | 4'-4" |
| X | 2'-8 1/8" |
| Y | 29'-1 1/2" |



| ITEM | DESCRIPTION | QTY | UNIT |
|------|---|-----|------|
| A | VINYL LINER | | |
| B | "A" FRAME BASE | | |
| C-1 | 6'-0" STL. WALL PANEL | | |
| C-2 | | | |
| C-3 | | | |
| C-4 | | | |
| C-5 | 8'-0" STL. WALL PANEL | | |
| C-6 | | | |
| C-7 | 9'-0" STL. WALL PANEL | | |
| C-8 | | | |
| C-9 | | | |
| D | LONG STEEL ANGLE | | |
| E | SHORT STEEL ANGLE | | |
| F | STEEL ANGLE DRIVE STAKE | | |
| G | FILLER DETAIL | | |
| H-1 | 1 1/2" x 1 1/2" COPING CORNER | | |
| H-2 | 3'-0" COPING PIECE | | |
| H-3 | | | |
| H-4 | | | |
| H-5 | 5'-0" COPING PIECE | | |
| H-6 | 6'-0" COPING PIECE | | |
| H-7 | 9'-0" COPING PIECE | | |
| H-8 | 12'-0" COPING PIECE | | |
| I | COPING CLIP | | |
| J | 3/8" x 3/4" x 1/4" HEX. HD. COPING BOLT | | |
| K | 3/8" x 1/2" x 1/4" HEX. HD. BOLT | | |
| L | 3/8" x 1/2" x 1/4" HEX. HD. CURVED BOLT | | |
| M | 3/8" - 16 NUT | | |
| N | 3/8" - 1" DIA FLAT WASHER | | |

NOTES:

- MATERIAL: AGR. COPPER BEARING STEEL
- FINISH: 202 PER SQFT GALVANIZED COATING BOTH SIDES
- ALL BOLTS NUTS & WASHERS ARE GALVANIZED.

NOTE: THE FOLLOWING ITEMS SHOULD BE QUOTED IF 8'-0" STAIRS ARE ADDED TO THESE POOLS:

- 8'-0" STEEL WALL PANEL (C-5)
- 5'-0" COPING PIECE (H-4)
- 1 1/2" x 1 1/2" COPING CORNER (H-1)
- FILLER DETAIL (I)
- 3/8" CURVED BOLTS (L)
- SEE STAIR DRAWING, 3250.C.S FOR DETAILS.

POOL BY HELDOR

HELDOR ASSOC. APPROVED BY: _____

CLIENT: _____

DATE: 8-24-76

GENERAL ARRANGEMENT & INSTALLATION

DWG: _____

32

A-5-18



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|--------------------|---------|-----|-----------|----------------------------------|------------|-----------------|--------|---|---------|
| 2241 LANES MILL RD | 1386.01 | 1 | | WINTERS, DONALD & MARGARET | 02/07/2005 | 05/24/2005 | Closed | BE ADVISED THAT THE TOWNSHIP REQUIRES ALL SIDEALKS TO BE KEPT CLEAR OF SNOW AND ICE. HAVE THE SIDEWALKS ON YOUR PROPERTY UP TO CODE REQUIREMENTS BY 2-14-05. NOTICE- TO BE IN COMPLIANCE BY 2-14-05 THANK YOU | |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|--------------------|---------|-----|-----------|-------------------|------------|-----------------|--------|---|--|
| 2241 LANES MILL RD | 1386.01 | 1 | | CERVANTES, GEORGE | 02/14/2023 | 02/24/2023 | Closed | This notice is to advise you that the above property is in violation for the following: Failure to display street address numerals (Minimum height of 3 inches and a minimum width of 2 inches) on the home or mailbox. Failure to comply will result in summonses, mandatory court appearance and fines up to \$2000.00 per summons per day if not in full compliance by 2-24-23. If you have any questions or concerns contact me (Jerry DeCicco) at 732-262-1037. Thank you in advance for your cooperation. | Display of street address numbers required. [Amended 8-25-1992 by Ord. No. 160-A-92] |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|--------------------|---------|-----|-----------|---------------------|------------|-----------------|--------|---|------------------------------|
| 2241 LANES MILL RD | 1386.01 | 1 | | CERVANTES, GEORGE | 05/03/2022 | 05/14/2022 | Closed | This notice is to advise you that the above property is in violation for the following: As per the municipal ordinance ,remove the passenger car off the front lawn. Failure to comply will result in summonses, mandatory court appearance and fines up to \$2000.00 per summons per day if not in full compliance by 5-14-22.. If you have any questions or concerns contact me (Jerry DeCicco) at 732-262-1037. Thank you in advance for your cooperation. | Parking of vehicles on lawns |
| 2241 LANES MILL RD | 1386.01 | 1 | | ACOCCELLA, KIMBERLY | 01/05/2011 | 01/13/2011 | Closed | The sidewalk area along Lanes Mill road is your responsibility. Please have all snow cleared. Thank you for your cooperation in this matter. | Duty to remove. |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|-----------------------|---------|-----|-----------|----------------------|------------|-----------------|--------|--|---------|
| 2241 LANES MILL RD | 1386.01 | 1 | | CERVANTES, GEORGE | 02/15/2023 | 02/25/2023 | Closed | <p>This notice is to advise you that the above property is in violation for the following: Remove trash containers at least 20 feet from paved right of way. Garbage receptacles to be placed out no earlier than 6:00 p.m. the day preceding that collection day. Any empty container shall be removed by 8:00 a.m. on the morning following the day of collection. Failure to comply will result in summonses, mandatory court appearance and fines up to \$2000.00 per summons per day if not in full compliance by 2-25-23. If you have any questions or concerns contact me (Jerry DeCicco) at 732-262-1037. Thank you in advance for your cooperation.</p> | Hours. |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|-----------------------|---------|-----|-----------|----------------------|------------|-----------------|--------|--|---------|
| 2241 LANES MILL RD | 1386.01 | 1 | | CERVANTES, GEORGE | 05/12/2022 | 05/23/2022 | Closed | This notice is to advise you that the above property is in violation for the following: Cut down tall weeds and grass from within entire property. Failure to comply will result in summonses, mandatory court appearance and fines if not in full compliance by 5-23-22. If you have any questions or concerns contact me (Jerry DeCicco) at 732-262-1037. Thank you in advance for your cooperation. | Weeds |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|-----------------------|---------|-----|-----------|-----------------------|------------|-----------------|--------|---|-----------------|
| 2241 LANES MILL RD | 1386.01 | 1 | | ACOCELLA, KIMBERLY | 03/23/2018 | 04/02/2018 | Closed | This notice is to advise you that the above property is in violation for the following: Remove snow from sidewalk upon receiving this notice. This will be your only written notice during the snow season, any further violations of this Ordinance will result in summons without warning. You must have sidewalks cleared within 24 hours after each and every snow fall. Failure to comply by 4/2/2018 will result in summonses, mandatory court appearance and fines up to \$2000.00 per summons per day. If you have any questions or concerns contact me (Darren Terrizzi) at 732-262-4794. Thank you in advance for your cooperation. | Duty to remove. |



Violations

(All Data, Location Address Like '2241 lanes mill' - 8 records)

| Location Address | Block | Lot | Qualifier | Owner Name | Issue Date | Compliance Date | Status | Summary | Statute |
|-----------------------|---------|-----|-----------|----------------------|------------|-----------------|--------|--|----------------|
| 2241 LANES MILL RD | 1386.01 | 1 | | CERVANTES, GEORGE | 03/08/2022 | 03/28/2022 | Closed | This notice is to advise you that the above property is in violation for the following: Remove or register vehicle in the driveway with no license plates. Failure to comply will result in summonses, mandatory court appearance and fines up to \$2000.00 per summons per day if not in full compliance by 3-28-22. If you have any questions or concerns contact me (Jerry DeCicco) at 732-262-1037. Thank you in advance for your cooperation. | Motor vehicles |

Grand Totals

BRICK 50 UTILITIES

THE BRICK TOWNSHIP 50 YEARS UTILITIES
 1969 - 2019 MUNICIPAL UTILITIES AUTHORITY

| | |
|----------------------------|--|
| Utility Account: | 20212812-0 |
| Block/Lot/Qual: | 1386.01 1. |
| Property Location: | 2241 LANES MILL RD |
| Service Location: | 2241 LANES MILL RD |
| Owner Name/Address: | CERVANTES, GEORGE 2241 LANES MILL RD BRICK NJ 08724-1002 |

Projected Interest Thru 06/30/2024

| | |
|-----------------------|--|
| Interest Due: | \$94.27 |
| Principal Due: | \$3893.69 |
| Total Due: | \$3987.96 |

Water/Sewer

Last Payment: 05/09/24

Delinquent Charges:

| Service | Due Date | Billed | Balance | Interest | Total Due | Status | Reading | Read Date | Usage |
|--------------|------------|-----------------|-----------------|--------------|-----------------|--------|---------|------------|-------|
| Water | Delinquent | 0.00 | 879.62 | 14.75 | 894.37 | OPEN | | | |
| Sewer | Delinquent | 0.00 | 1,157.57 | 19.42 | 1,176.99 | OPEN | | | |
| Water | 09/20/2023 | 218.04 | 218.04 | 3.66 | 221.70 | OPEN | 486 | 08/12/2023 | 32 |
| Sewer | 09/20/2023 | 291.68 | 291.68 | 4.89 | 296.57 | OPEN | 486 | 08/12/2023 | 32 |
| Water | 12/15/2023 | 155.67 | 155.67 | 2.61 | 158.28 | OPEN | 509 | 11/09/2023 | 23 |
| Sewer | 12/15/2023 | 204.83 | 204.83 | 3.43 | 208.26 | OPEN | 509 | 11/09/2023 | 23 |
| Water | 03/21/2024 | 245.76 | 245.76 | 4.12 | 249.88 | OPEN | 545 | 02/07/2024 | 36 |
| Sewer | 03/21/2024 | 330.28 | 330.28 | 5.54 | 335.82 | OPEN | 545 | 02/07/2024 | 36 |
| Total | | 1,446.26 | 3,483.45 | 58.42 | 3,541.87 | | | | |

Current Charges:

| Service | Due Date | Billed | Balance | Interest | Total Due | Status | Reading | Read Date | Usage |
|--------------|------------|---------------|---------------|-------------|---------------|--------|---------|------------|-------|
| Water | 06/15/2024 | 176.46 | 176.46 | 0.00 | 176.46 | OPEN | 571 | 05/07/2024 | 26 |
| Sewer | 06/15/2024 | 233.78 | 233.78 | 0.00 | 233.78 | OPEN | 571 | 05/07/2024 | 26 |
| Total | | 410.24 | 410.24 | 0.00 | 410.24 | | | | |

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