RECEIVED
JUL 24 2024
By

576-2024

Christine Ciallella

From: Christlyn Mae C. Valeriano <opra+request-63933-a945bdbf@requests.opramachine.com> on behalf of Christlyn Mae C. Valeriano
Sent: Wednesday, July 24, 2024 2:28 PM
To: OPRA requests at Washington Township (Gloucester)
Subject: OPRA request - 5 Appletree Way, Washington Township, NJ 07853

BLOCK 85.14
LOT 40

Dear Washington Township (Gloucester),

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

Records requested:
1. Open Permit
2. Closed Permit
3. Survey

Yours faithfully,
Christlyn Mae C. Valeriano

Please deliver records electronically via email to the below UNIQUE address for all replies to this request:
opra+request-63933-a945bdbf@requests.opramachine.com

Is cciallella@twp.washington.nj.us the wrong address for OPRA requests to Washington Township (Gloucester)? If so, please contact us using this form:
https://opramachine.com/change_request/new?body=washington_township_gloucester
Disclaimer: This message and any reply that you make will be published on the internet. Our privacy and copyright policies:
https://opramachine.com/help/officers

View this OPRA request & responses online:
https://opramachine.com/request/5_appletree_way_washington_towns

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

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

-7/29 - No open permits (zoning) - GA.
See attached open/closed permits. No further records in current program (construction.)
7/25/24 - pulled construction permits from vault/archives. (-GG)
7/29/24 - pulled zoning permit from vault/archives. (-GG)

open-needs to be paid for + sched for inspect.

Township of Washington
523 Egg Harbor Road
Sewell, NJ 08080
(856)589-0520 FAX *(856)218-1473*

Permit No. **20191137**
Control No. **58097**
Parcel(Block/Lot). **85.14/40**
Applic/Issued. **6/27/19 /**

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... **QUAILE, ROBERT III & BARBARA**
Address..... 5 APPLETREE LN
SEWELL, NJ 08080
Phone.....

Contractor.... **OWNER**
Address.....
Phone.....
Lic No.....
Fed Emp No.

Permission is hereby granted to do the following work:

☐ BUILDING	☐ PLUMBING	☐ DEMOLITION	☐ ONGOING -
☑ ELECTRIC	☐ FIRE	☐ ASBESTOS ABATEMENT	☐ OTHER
☐ ELEVATOR	☑ MECHANICAL	☐ LEAD HAZARD ABATEMENT	

Description of Work:
REPLACE FURNACE, A/C & HWH

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

Estimated Cost of Work: $1,550

Construction Official Date

PAYMENTS * (Office Use Only)

Building	$0
Electrical	65
Plumbing	0
Fire Protection	0
Elevator Devices.....	0
Mechanical.....	120
State Training Fee	3
Certificate of Occupancy	0
Other	0
Total	$188

Check#/Cash.....
Paid .....
Collected By .....

Total Administrative Fee: $0

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

U.C.C. F190 (Rev. 3/96)

Township of Washington
ELECTRICAL SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Receive 6/27/2019
Control # 58097

Date Issued
Permit # 20191137

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

Block/Lot 85.14/40

Work Site Location 5 APPLETREE LA

Owner in Fee: QUAILE, ROBERT III & BARBARA

Tel. _____ e-mail _____

Address: 5 APPLETREE LN (Street) SEWELL, NJ 08080 (municipality) (zip code)

Contractor: QUAILE, ROBERT III & BARBARA, OWNER Tel. _____

Address: _____ e-mail _____

Contractor License No. _____ Exp. Date _____

Federal Emp. ID No. _____ FAX. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed R-5

☐ Pole/pad # _____ ☐ Temporary Service ☐ Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work $ 50 Descript: REPLACE FURNACE, A/C & HWH

C. CERTIFICATION IN UEU 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 Elec Contractor ☐ Cert Landscape Contr ☐ Exempt Applc

D.TECHNICAL SITE DATA

QTY.	SIZE	ITEMS	FEE (Office Use Only)
		Lighting Fixtures	
		Receptacles	
1		Switches	
		Detectors	
		Light Pole	
		Motors—Fract. H	
		Emergency & Exit Lights	
		Communications Paints	
		Alarm Devices/F.A.C. Panel	
		_____	
1		TOTAL NUMBERS	$ 50
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
	10	KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
1	10	KW Central AC Unit	15
	10	HP/KW Space Heater/Air Handler	
	10	KW Baseboard Heat	
		HP Motors 11+ HP	
	50	KW Transformer/Generator	
	225	AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
	225	KW Elec. Sign/Outline Light	
		_____	
		_____	

JOB SUMMARY (Office Use Only)

PLAN REVIEW — Date — Initial

[ ] No Plans Required

Joint Plan Review Required:

[ ] Building [ ] Plumbing

[ ] Fire [ ] Elevator

[ ] Elec. Plans Approved

Date: _____

Approved by: _____

SUBCODE APPROVAL

[ ] CO [ ] CCO [ ] CA

Date: _____

Approved by: _____

INSPECTIONS — Dates (Month/Day)

Type:	Failure	Failure	Approval	Inital
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final				
Barrier-Free				

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____

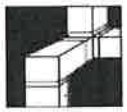
Date of Grounding and Bonding Certification _____

Administrative Surcharge $	0
Minimum Fee $	
State Permit Surcharge Fee $	
TOTAL FEE $	65

U.C.C. F120 (rev. 07105) Internet version

Applicant: When submitting this form to your Local construction code Enforcement Office please provide one original plus three photocopies

Township of Washington
MECHANICAL INSPECTION
TECHNICAL SECTION



Date Received 6/27/2019
Control # 58097
Date Issued
Permit # 20191137

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

Block 85.14 Lot 40 Qualification Code _____

Work Site Location 5 APPLETREE LA

Owner in Fee QUAILE, ROBERT III & BARBARA

Tel. _____ e-mail _____

Address 5 APPLETREE LN (street) SEWELL, NJ 08080 (municipality) (zip code)

Contractor: QUAILE, ROBERT III & BARBARA, OWNER Tel. _____

Address _____ e-mail _____

Contractor License No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. _____ FAX: _____

B. MECHANICAL CHARACTERISTICS

Use Group Present: R-5 Proposed _____

Heating System Work: ◯ **New** ◯ **Modification to Existing** ◯ **Conversion** ◯ **Replacement**

Type: ◯ **Hydronic** ◯ **Hot Air**

Fuel Type: ◯ **Gas** ◯ **Oil** ◯ **Electric** ◯ **Solar** ◯ **Other** _____

Estimated Cost of Mechanical Work $ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Mechanical Plans Approved
Date: _____ Approved by: _____
Joint Plan Review Required
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Fire. [ ] Elev.
SUBCODE APPROVAL for PERMIT
Date: _____
Approved by: _____
SUBCODE APPROVAL for CERTIFICATE
[ ] CA [ ] CCO
Date: _____
Approved by: _____

INSPECTIONS Type:	Failure	Failure	Approval	Initial
Water Heater				
Appliance				
Chimney/Vent				
Piping				
Tank				
Cooling/AC				
Generator				
Fireplace				
Chimney Cert.				
Other				
Other				
Final				

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 sign/Contractor sign and seal here: _____

Print name here: _____

[ ] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

No.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
1	Water Heater	$ 15
	Fuel Oil Piping Connectins	
2	Gas Piping Connections	30
	Steam Boiler	
	Hot Water Boiler	
1	Hot Air Furnace	60
	Oil Tank	
	LPG Tank	
	Fireplace	
	Generator	
1	Other	15

Administrative Surcharge $ 0
Minimum Fee $ _____
State Permit Surcharge Fee $ _____
TOTAL FEE $ 120

History for Permit 20191137

5 APPLETREE LA

Unit

REPLACE FURNACE, A/C & HWH

Block/Lot 85.14/40

Owner QUAILE, ROBERT III & BARBARA
5 APPLETREE LN
SEWELL, NJ 08080

Application 6/27/19 Permit / /

Inspections and Reviews

------- Dates ----------							
Done	Sched	Permit No.	Type	Subcode	P/F	By	Comment
6/27/19		20191137	REV	MECH	P	JS	
7/18/19		20191137	REV	ELEC	P	RN	

Closed

Township of Washington
523 Egg Harbor Road
Sewell, NJ 08080
(856)589-0520 FAX *(856)218-1473*

Permit No. **20210443**
Control No. **62847**
Block/Lot 85.14/40
Date 9/13/21

Certificate of Approval

IDENTIFICATION

Block/Lot 85.14/40
Work Site Location 5 APPLETREE LA

Owner in Fee/Occupant WASHINGTON, FRANK JR
Address 135 MORTON AVE
CLAYTON, NJ 08312
Telephone (856)725-1079
Contractor SUNNYMAC LLC
Address 413 8TH AVE
WILMINGTON, DE 19805
Telephone (301)395-5800 FAX
Lic. No. or Bldrs. Reg. No. 13VH05761100- 3/31/22
Federal Emp. No.

Home Warranty No.
Type of Warranty Plan: [ ] State [ ] Private
Use Group R-5
Maximum Live Load
Construction Classification
Maximum Occupancy Load
Description of Work/Use:

INSTALL ROOF MOUNTED SOLAR PANELS* (DO SCHEDULE UNTIL SERVICE CHANGE/UPGRADE IS PERMITTED & SCHEDULED)

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

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

TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE
If this is a temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than or the owner will be subject to to fine or order to vacate:

CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17
This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:

[ ] Total removal of lead-based paint hazards in scope of work

[ ] Partial or limited time period (years); see file

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

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

(John DiStefano, Construction Official

U.C.C. F260
(rev. 3/96)

Permit Fee $ 536
Paid [ ] Check No. 18886
Collected by: WC

Township of Washington
523 Egg Harbor Road
Sewell, NJ 08080
(856)589-0520 FAX *(856)218-1473*

Permit No. **20210443**
Control No. **62847**
Parcel(Block/Lot). **85.14/40**
Applic/Issued. **3/11/21** 3/18/21

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... **WASHINGTON, FRANK JR**
Address..... 135 MORTON AVE
CLAYTON, NJ 08312
Phone..... (856)725-1079

Contractor.... **SUNNYMAC LLC**
Address..... 413 8TH AVE
WILMINGTON, DE 19805
Phone..... (301)395-5800
Lic No..... **13VH05761100- 3/31/22**
Fed Emp No.

Permission is hereby granted to do the following work:

☑ BUILDING	☐ PLUMBING	☐ DEMOLITION	☐ ONGOING -
☑ ELECTRIC	☐ FIRE	☐ ASBESTOS ABATEMENT	☐ OTHER
☐ ELEVATOR	☐ MECHANICAL	☐ LEAD HAZARD ABATEMENT	

Description of Work:
INSTALL ROOF MOUNTED SOLAR PANELS*

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

Estimated Cost of Work: $39,000

Andy Hoglem — Construction Official
3/17/21 — Date

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

PAYMENTS * (Office Use Only)

Building	$332
Electrical	130
Plumbing	0
Fire Protection	0
Elevator Devices.....	0
Mechanical.....	0
State Training Fee	74
Certificate of Occupancy	0
Other	0
Total	$536

Check#/Cash 1886
Paid 3/18/21
Collected By

Total Administrative Fee: $0

U.C.C. F190 (Rev. 3/96)

Township of Washington
523 Egg Harbor Road
Sewell, NJ 08080
(856)589-0520 FAX *(856)218-1473*

Permit No. **20210443 A**
Control No. **63232**
Parcel(Block/Lot). **85.14/40**
Applic/Issued. **4/27/21** 5/4/21

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... **WASHINGTON, FRANK JR**
Address..... 135 MORTON AVE
CLAYTON, NJ 08312
Phone..... (856)725-1079

Contractor.... **SUNNYMAC LLC**
Address..... 413 8TH AVE
WILMINGTON, DE 19805
Phone..... (301)395-5800
Lic No..... **13VH05761100- 3/31/22**
Fed Emp No.

Permission is hereby granted to do the following work:

☐ BUILDING	☐ PLUMBING	☐ DEMOLITION	☐ ONGOING -
☑ ELECTRIC	☐ FIRE	☐ ASBESTOS ABATEMENT	☐ OTHER
☐ ELEVATOR	☐ MECHANICAL	☐ LEAD HAZARD ABATEMENT	

Description of Work:
NEW MAIN BREAKER & MAIN BREAKER CAN*

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

Estimated Cost of Work: $600

Construction Official 4/29/21 Date

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

PAYMENTS * (Office Use Only)

Building	$0
Electrical	65
Plumbing	0
Fire Protection	0
Elevator Devices.....	0
Mechanical.....	0
State Training Fee	1
Certificate of Occupancy	0
Other	0
Total	$66

Check#/Cash 2019
Paid 5/4/21
Collected By

Total Administrative Fee: $0

U.C.C. F190 (Rev. 3/96)

Township of Washington
523 Egg Harbor Road
Sewell, NJ 08080
(856)589-0520 FAX *(856)218-1473*

Permit No. **20210443 B**
Control No. **63506**
Parcel(Block/Lot). **85.14/40**
Applic/Issued. ~~5/26/21~~ 6/9/21

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... **WASHINGTON, FRANK JR**
Address..... 135 MORTON AVE
CLAYTON, NJ 08312
Phone..... (856)725-1079

Contractor.... **SUNNYMAC LLC**
Address..... 413 8TH AVE
WILMINGTON, DE 19805
Phone..... (301)395-5800
Lic No..... **13VH05761100- 3/31/22**
Fed Emp No.

Permission is hereby granted to do the following work:

☐ BUILDING	☐ PLUMBING	☐ DEMOLITION	☐ ONGOING -
☑ ELECTRIC	☐ FIRE	☐ ASBESTOS ABATEMENT	☐ OTHER
☐ ELEVATOR	☐ MECHANICAL	☐ LEAD HAZARD ABATEMENT	

Description of Work:
150 AMP SERVICE*

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

Estimated Cost of Work: $600

Construction Official — Date 6/9/21

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

PAYMENTS * (Office Use Only)

Building	$0
Electrical	65
Plumbing	0
Fire Protection	0
Elevator Devices	0
Mechanical	0
State Training Fee	1
Certificate of Occupancy	0
Other	0
Total	$66

Check#/Cash 2106
Paid 66.-
Collected By MC

Total Administrative Fee: $0

U.C.C. F190 (Rev. 3/96)

BUILDING SUBCODE
TECHNICAL SECTION

RECEIVED
MAR 11 2021
By:

Date Received / Control # 3/18/21
Date Issued / Permit # 2021-0443

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

Block 85.14 Lot 40 Qualification Code
Work Site Location 5 Appletree Lane Sewell NJ 08080

Owner in Fee: Frank Washington Jr.
Tel. (856) 725-1079 e-mail
Address 5 Appletree Lane Sewell NJ 08080
(street / municipality / zip code)
Contractor: SunnyMac LLC Tel. (844) 786-6962 Ext. 11
Address 413 8th Ave e-mail DebbieF@Sunnymacsolar.com
Wilmington DE 19805
Contractor License No. or Builder Registration No. 13VH0576110 Exp. Date 03/31/2021
Home Improvement Contractor Registration No. or Exemption Reason
Federal Emp. ID N FAX: (302) 777-2060

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:
Print name here: Matt Macfadden

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Roof- Mounted Solar (DC Output)/13.00KW

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial
[ ] No Plans Required		
[✓] All	3/22/21	AH
[ ] Footings/Foundations		
[ ] Structural/Framework		
[ ] Exterior		
[ ] Interior		

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT
Date:
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [✓] CA
Date: 4/22/21
Approved by:

INSPECTIONS Type:	Failure	Failure	Approval	Initial
	Dates (Month/Day)			
Footing				
Footing Bonding				
Foundation				
Slab				
Frame				
Truss Sys./Bracing				
Barrier-Free				
Insulation				
Finishes -Base Layer				
Finishes -Final				
Energy				
Mechanical				
TCO				
Other				
Final			4/22/21	AH
Barrier-Free				

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
- [x] Other Roof-Mounted Solar
- [ ] Demolition

FEE (Office Use Only)

$	
Administrative Surcharge $	332
Minimum Fee $	
State Permit Surcharge Fee $	
TOTAL FEE $	

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____
No. of Stories _____
Height of Structure _____ ft.
Area — Largest Floor _____ sq. ft.
New Bldg. Area/All Floors _____ sq. ft.
Volume of New Structure _____ cu. ft.
Max. Live Load _____
Max. Occupancy Load _____

Constr. Class Present _____ Proposed _____
If Industrialized Building:
State Approved _____ HUD _____

Est. Cost of Bldg. Work:
1. New Bldg. $ 9,750
2. Rehabilitation $
3. Total (1+ 2) $ 9,750

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

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

ELECTRICAL SUBCODE
TECHNICAL SECTION

RECEIVED
MAR 11 2021
BY

Date Received 3/18/21
Control #
Date Issued
Permit # 2021-0443

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

Block 85.14 Lot 40 Qualification Code

Work Site Location 5 Appletree Lane Sewell NJ 08080

Owner in Fee: Frank Washington Jr.

Tel. (856) 725-1079 e-mail

Address 5 Appletree Lane Sewell NJ 08080
(street municipality zip code)

Contractor: SunnyMac LLC Tel. (844) 786-6962 Ext. 11

Address 413 8th Ave e-mail DebbieF@Sunnymacsolar.com

Wilmington DE 19805

Contractor License No. 34EB01477200 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason 13VH0576110

Federal Emp. ID No. FAX: (302) 777-2060

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 29,250

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: Scott Haines

Print name here: Scott A Haines

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Roof- Mounted Solar (DC Output)/13.00KW

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	
40	325	W REC Modules	
		TOTAL NUMBERS	$ 50
		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	
1	10.0	KW ~~Dishwasher~~ Inverter	15
		HP Garbage Disposal	
		KW ~~Central A/C Unit~~ - Inverters	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
1	60	AMP ~~Service~~ AC Disconnect	65
		AMP Subpanels	
		AMP ~~Motor Control Center~~ Breaker	
		KW Elec. Sign/Outline Light	

Administrative Surcharge $
Minimum Fee $ 130
State Permit Surcharge Fee $
TOTAL FEE $

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Underslab Utilities Approved
Date: Approved by:

[ ] Electric Plans Approved
Date: Approved by:

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 3/16/21
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 5/3/21
Approved by:

INSPECTIONS

Type:	Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final	4/22/21	5/18/21	8/2/21	TM
~~Barrier-Free~~	6/22/21	6/29/21		TM
	7/13/21			TM

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued
Annual Pool Inspection
Date of Grounding and Bonding Certification

Dates (Month/Day)

U.C.C. F120 (rev. 11/09)
Internet version

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

ELECTRICAL SUBCODE
TECHNICAL SECTION

mail

Date Received 5/4/21
Control #
Date Issued
Permit # New Permit 0001-0443

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

Block 85.14 Lot 40 Qualification Code

Work Site Location 5 Appletree Lane Sewell NJ 08080

Owner in Fee: Frank Washington Jr.

Tel. (856) 725-1079 e-mail

Address 5 Appletree Lane Sewell NJ 08080
street municipality

Contractor: SunnyMac LLC Tel. (844) 786-6962 Ext. 11
zip code

Address 413 8th Ave e-mail DebbieF@Sunnymacsolar.com

Wilmington DE 19805

Contractor License No. 34EB01477200 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason 13VH0576110

Federal Emp. ID No FAX: (302) 777-2060

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 600

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] ~~No Plans~~ Required

[ ] Partial -Underslab Utilities Approved
Date: Approved by:

[ ] Electric Plans Approved
Date: Approved by:

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4/27/21
Approved by: CR

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 8/3/21
Approved by: BM

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final	5/18/21	6/03/21	8/3/21	TM
~~Barrier-Free~~	6/29/21	7/12/21	/	TM

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

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: Scott Haines

Print name here: Scott A Haines

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: New Main Breaker Disco/Main Breaker Can

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	
		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~~ Inverter	
		HP Garbage Disposal	
		KW ~~Central A/C Unit~~ Inverters	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP ~~Service~~ AC Disconnect	
		AMP Subpanels	
		AMP ~~Motor Control Center~~	
		KW Elec. Sign/Outline Light	
1	200	AMP Main Breaker Disconnect Can	65

Administrative Surcharge $

Minimum Fee $

State Permit Surcharge Fee $ 65

TOTAL FEE $

U.C.C. F120 (rev. 11/09)
Internet version

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

ELECTRICAL SUBCODE
TECHNICAL SECTION

RECEIVED
MAY 26 2021
By

Date Received 6-9-21 +B
Control #
Date Issued
Permit # New Permit 2021-0443

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

Block 85.14 Lot 40 Qualification Code

Work Site Location 5 Appletree Lane Sewell NJ 08080

Owner in Fee: Frank Washington Jr.

Tel. (856) 725-1079 e-mail

Address 5 Appletree Lane Sewell NJ 08080
street municipality zip code

Contractor: SunnyMac LLC Tel. (844) 786-6962 Ext. 11

Address 413 8th Ave e-mail DebbieF@Sunnymacsolar.com

Wilmington DE 19805

Contractor License No. 34EB01477200 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason 13VH0576110

Federal Emp. ID Nc FAX: (302) 777-2060

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 600

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Underslab Utilities Approved
Date: Approved by:

[ ] Electric Plans Approved
Date: Approved by:

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 5/27/21
Approved by: MC

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 8/12/21
Approved by: MC

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service			8/9/21	TM
Final	6/30/21	6/09/21	8/3/21	TM
~~Barrier-Free~~	7/12/21			TM

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued 8/3/21
Annual Pool Inspection
Date of Grounding and Bonding Certification

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: Scott Haines

Print name here: Scott A Haines

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

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: 150 Amp Service Change

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	
		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~~ Inverter	
		HP Garbage Disposal	
		KW ~~Central A/C Unit~~ Inverters	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP ~~Service~~ AC Disconnect	
		AMP Subpanels	
		AMP ~~Motor Control Center~~	
		KW Elec. Sign/Outline Light	
1	150	AMP Service Change	65

Administrative Surcharge $
Minimum Fee $
State Permit Surcharge Fee $
TOTAL FEE $ 105.00

U.C.C. F120 (rev. 11/09)
Internet version

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

CUT-IN-CARD

MUNICIPALITY WASHINGTON TWP

LOCATION 5 APPLETREE LA UTILITY CO ACE

BLK/LOT 85.14/40

OWNER WASHINGTON, FRANK JR OCCUPANT

"Installation in the above premises has been inspected and is in accordance with N.E.C. and DCA requirements"

☒ Final ○ Temporary This approval void after 60 days

DESCRIPTION OF SERVICE 150Amp SUBFED SERVICE CHANGE

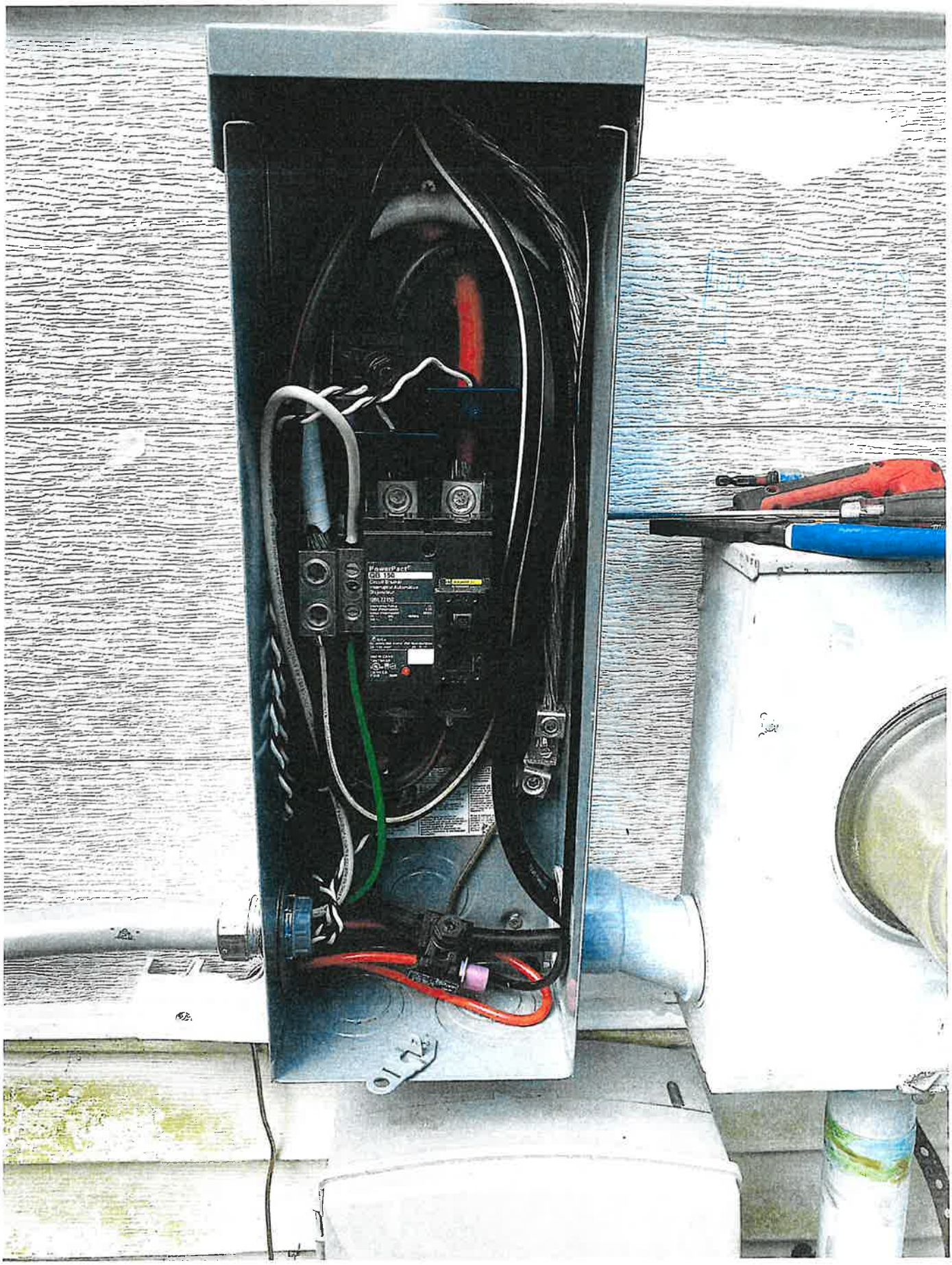
INSTALLED BY Sunny Mac LICENSE NO. 14772

DATE 8/2/21 PERMIT NO. 20210443 B INSPECTOR TM

CALLED IN Lic No.. 11516

UCC Form F350B


WARNING
POWER SOURCE


PowerPact
GB 150


NNECT
40A
240V
PELIGRO
ARNING
ICAL SHOCK HAZARD
OT TOUCH TERMINALS.
INALS ON BOTH LINE AND
SIDES MAY BE ENERGIZED
IN THE OPEN POSITION
WARNING: PHOTOVOLTAIC
POWER SOURCE

CERTIFICATE

CERT. NO. 87-1050
DATE ISSUED 1-26-89
Block 85.14 Lot 40
Subdivision

IDENTIFICATION

Owner Cutler Organization
Address Rt 42
Turnersville NJ
Tel. ( )
Work Site Address 5 Appletree Lane
Sewell NJ 08080

Agent COY
Address Wash Twp Bldg #9
Turnersville NJ
Tel. ( )
Lic. No.
Federal Emp. No.

PAYMENTS

Fees Remitted $
☐ Check No.
☐ Cash
☐ Other
Collected By:
Date:

CERTIFICATE OF OCCUPANCY/APPROVAL

A. ☑ **CERTIFICATE OF OCCUPANCY** ☐ **CERTIFICATE OF APPROVAL**

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

B. ☐ **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.

C. ☐ **TEMPORARY CERTIFICATE OF OCCUPANCY**

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

D. **DESCRIPTION OF WORK:**

1 & 2 St. Yorkshire
3 Bedroom - 1 Car gar
Slab

USE GROUP R3A **FIRE GRADING**

MAXIMUM LIVE LOAD **MAXIMUM OCCUPANCY LOAD**

SPECIFIC USE Residence

FINAL COST OF CONSTRUCTION: $ 41.000

CONSTRUCTION OFFICIAL

U.C.C. Form F-260 (8/83) Light Green = Office Copy White = Applicant Copy Yellow/Orange = Tax Assessor Copy

Lot 221

APPLICATION FOR CERTIFICATE

PERMIT NO. 87-1050
DATE ISSUED 6-29-87
Block 85.14 Lot 40
Subdivision TWIN PONDS East
Notice No.

IDENTIFICATION

OWNER: CUTLER ORGANIZATION OF NEW JERSEY
WASHINGTON SQUARE PROF. BLDG.
Name RT. 42 SUITE 9
Address TURNERSVILLE, N.J. 08012
Town/State/Zip 629-8509

CONSTRUCTION LOCATION:
Address 5 Appletree Ln
Sewell, NJ 08080
Tel. (___) ___

ACTION

☑ CERTIFICATE OF OCCUPANCY
☐ CERTIFICATE OF APPROVAL
☐ CERTIFICATE OF CONTINUED OCCUPANCY
☐ TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP: R3A Previous / ___ Current

FINAL COST OF CONSTRUCTION: $ 41,000
(Include value of any new structure, all on-site improvements, built in furnishings and fixtures and all integral equipment exclusive of process or manufacturing equipment.)

A set of "As-Built" or amended drawings is required if the building or structure deviates from the approved plans filed with the construction permit. Use space below to describe any deviations from approved plans:

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

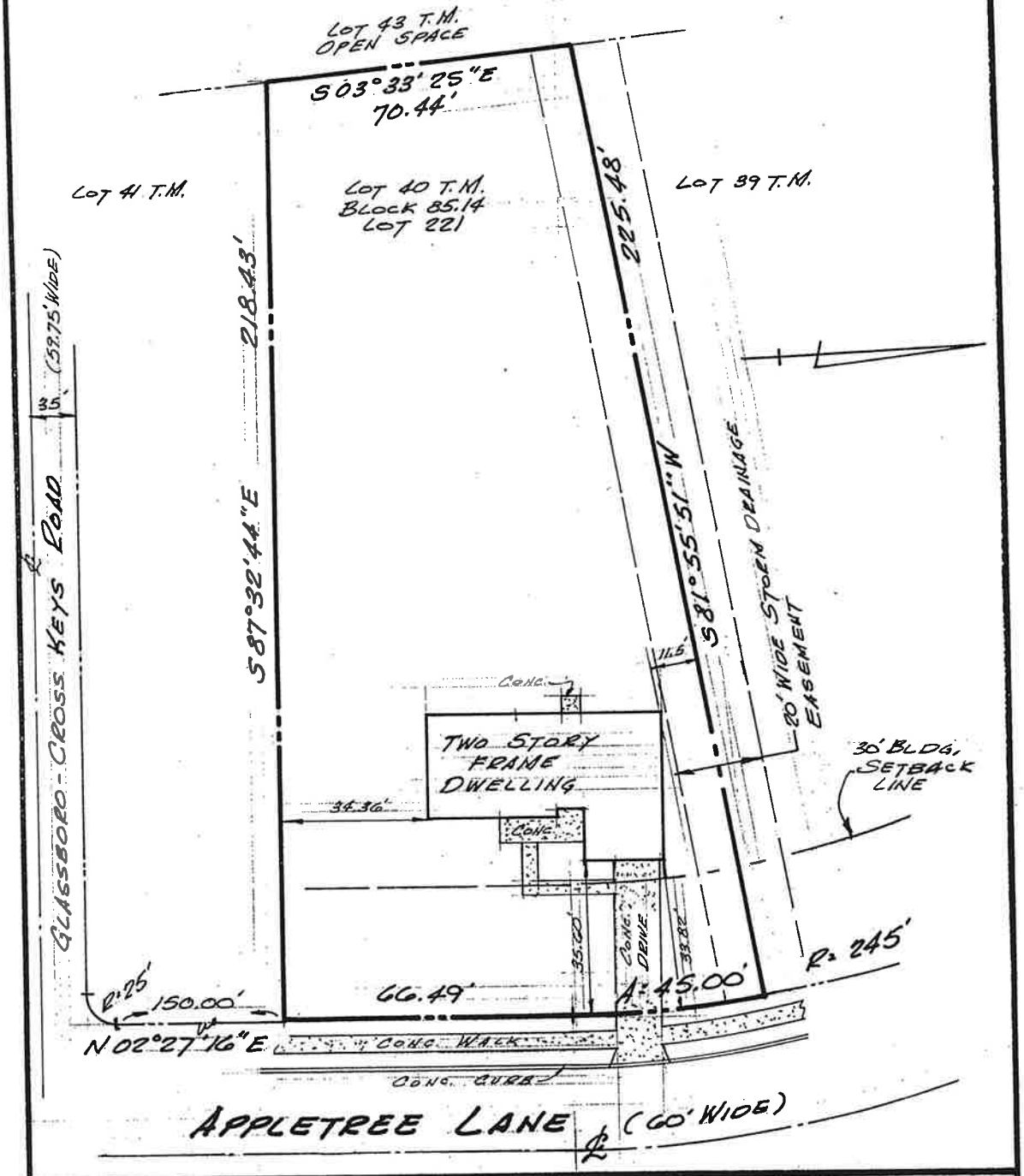
I hereby attest, that to the best of my knowledge, all work has been completed in accordance with the approved plans, permit and Regulations. Incomplete items listed on a Temporary Certificate of Occupancy will be completed by the date on the Certificate.

SIGNED: Paul S Sheen
☐ Owner
☑ Agent
OWNER/AGENT

NOTE:

LOT & BLOCK NUMBERS REFER TO: FINAL PLAN OF LOTS SECTION ONE, TWIN PONDS EAST, BY FEDERICI & AKIN ASSOCIATES DATED 7-29-86, FILED 11-10-86 AS MAP NO. 7-312

CORNER MARKERS ARE TO BE SET BUT HAVE BEEN TEMPORARILY DEFERRED.



CUTLER ORGANIZATION OF NEW JERSEY

TO: _____, any insurer of title relying hereon and any other party in interest:

"In consideration of the fee paid for making this survey, I hereby certify to its accuracy (except such easements, if any, that may be located below the surface of the lands or on the surface of the lands and not visible) as an inducement for any insurer of title to insure the title to the lands and premises shown thereon."

Joseph L. Brown

JOSEPH L. BROWN P.L.S.
N.J. LIC. NO. 13426

PLAN OF SURVEY
SITUATE
WASHINGTON TWP.
GLOUCESTER CO., N.J.
SCALE: 1" = 30'
DATE: 15 SEPT. 1987

ACU-PRO SURVEYS INC.

GLEN OAKS PROFESSIONAL BUILDING
1405 CHEWS LANDING ROAD
LAUREL SPRINGS, N. J. 08021

5 1900 ~ 85.14 ~ 40

BUILDING SUBCODE TECHNICAL SECTION

#321

Block 85-14 Lot 48
Subdivision Lands East

A. IDENTIFICATION

APPLICANT – *Complete unshaded areas only* When changing contractors, notify this office

Owner C.O.B New Jersey
Address Wash Sq. Prob Bldg 7th Floor Trenton NJ 8612
Tel. ( ) 609-8509
Work Site Address 5 Appletree Lane Lot
Lic. No.
Federal Emp. No

Contractor Same
Address
Tel. ( )

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE

B. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Give detail description including materials used, dimensions, etc.

Yorkshire 3 Bed
1 Car - Slab

☐ See Plans

TYPE OF WORK:

- ☑ New Building
- ☐ Addition
- ☐ Alteration/Renovation
  - ☐ Roofing
  - ☐ Siding
  - ☐ Other
- ☐ Demolition
- ☐ Miscellaneous
  - ☐ Fence
  - ☐ Sign
  - ☐ Pool
  - ☐ Elevator
  - ☐ Other

SUBTOTAL

Minimum Building Fee (if applicable)

Total Building Fee *(Greater of Minimum or Subtotal)*

C. BUILDING CHARACTERISTICS

USE GROUP: R-3a Present _____ Proposed

No. of Stories 2
Total Building Area–All Floors 2742 Sq. Ft.
Height of Structure 23 Ft.
Volume of Structure 32,144 Cu. Ft.
Area–Largest Floor 1440 Sq. Ft.
Total Land Area Disturbed 20,234 Sq. Ft.
Estimated Cost of Building Work: $ 41,100.00

D. COMMENTS

☐ Partial Releases ☑ Prototype Processing

U.C.C. Form F-110 (8/83) Green = Office Copy White = Applicant Copy Beige = Inspector Copy

ELECTRICAL SUBCODE TECHNICAL SECTION

#221

NEW JERSEY UNIFORM CONSTRUCTION CODE

PERMIT NO. 87-1050
DATE ISSUED 6-29-87
REVISION DATE
Block 85-14 Lot 40
Subdivision Lois Pines Co.

A. IDENTIFICATION

APPLICANT — *Complete unshaded areas only*

When changing contractors, notify this office

Owner C.D. of New Jersey
Address Westby Prof Bldg, Turnersville NJ 08012
Tel. ( ) 629-8509
Work Site Address 5 Appletree Lane, Sewell NJ 08080

Contractor Marshall Electric
Address Box A 2512 Egg Harbor Rd, Lindenwold NJ 08021
Tel. ( ) 627-5100
Lic.No./Bus. Permit. 4610
Federal Emp. No.

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE [signature]

B. TECHNICAL SITE DATA

List all wiring and equipment and provide necessary data

TYPE OF WORK:

No.	Item	Fee	No.	Item	Fee
20	Switching Outlets	$	1	H.V.A.C. Equipment	$
16	Lighting Outlets		1	Switching Devices	
35	Receptacle Outlets			Transformers	
1	Range/Oven			Motors/Generators/Compressors *(state no. and size of each)*	
	Dryer, Electric				
	Water Heater, Electric				
	Heating, Electric				
20	Switches				
16	Lighting Fixtures		1	Other Range Hood	
35	Receptacles		1	Other Garbage Disp.	
	Bonding, Pool/Vault			Other	
	Service/Feeders			Other	
	COLUMN 1	$		COLUMN 2	$

Fee	
COLUMN 1	$
COLUMN 2	
SUBTOTAL	$
Minimum Electrical Fee (If applicable)	$
Total Electrical Fee *(Greater of Minimum or Subtotal)*	$

C. ELECTRICAL CHARACTERISTICS

USE GROUP: ✓ Present ___ Proposed
Service: 100 Amps 1 Phase ___ System Type
3 Wire 240 Volts NMC Wiring Method
Total No. of Meters: 1
Estimated Cost of Electrical Work: $1200.00

D. COMMENTS

☐ Partial Releases
☒ Prototype Processing

U.C.C. Form F-120 (8/83) Green = Office Copy White = Applicant Copy Purple = Inspector Copy

FIRE SUBCODE TECHNICAL SECTION

#221

Block 85-14 Lot 40
Subdivision Loir. Ponds East

A. IDENTIFICATION

APPLICANT – *Complete unshaded areas only* — When changing contractors, notify this office

Owner C.O.A. New Jersey
Address West Af. Blvd.
Turnersville NJ 08012
Tel. ( ) 629-8501

Contractor Same
Address
Tel. ( )
Lic. No.
Federal Emp. No.

Work Site Address 5 Applebee Lane
Sewell NJ 08080

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE

B. TECHNICAL SITE DATA

B1. SPRINKLERS

TYPE: ☐ Wet ☐ Dry ☐ Other
Area Sprinkled: ☐ Full ☐ Partial (specify in comments)
No. of Heads: No. of Spare Heads:
☐ Valves Supervised – Method:
Water Supply – Source: Size:
FD Connection Location:
Estimated Cost of Work: $

B2. SPECIAL SUPPRESSION SYSTEMS

TYPE: ☐ Dry Chemical ☐ CO_2 ☐ Halon ☐ Foam ☐ Other
Manual Pull: ☐ Yes ☐ No
Locations:
Estimated Cost of Work: $

B3. ALARM

TYPE: ☐ Manual ☐ Automatic
Supervision Type: ☐ Local ☐ Central ☐ Proprietary ☐ Remote Location
Estimated Cost of Work : $

B4. STAND PIPES

Pipe Size: Pump Size:
Water Source: Size:
FD Connection Location:
Hose Station: ☐ Yes ☐ No
Estimated Cost of Work: $

B5. OTHER

Smoke Detectors

Subtotal

Minimum Fire Protection Fee (If Applicable)

Total Fire Protection Fee (*Greater of Minimum or Subtotal*)

C. FIRE PROTECTION CHARACTERISTICS

USE GROUP Present Proposed
Heating Systems – Location:
Type: ☐ Gas ☐ Oil ☐ Electrical ☐ Solar ☐ Other
Fuel Storage Tank – Location: Fuel Type: Capacity:
Total Estimated Cost of Fire Protection Work: $ 100

D. COMMENTS

☐ Partial Releases ☒ Prototype Processing

U.C.C. Form F-140 (8/83) Green = Office Copy White = Applicant Copy Pink = Inspection Cy

PLUMBING SUBCODE TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Block 85-14 Lot 40
Subdivision Lewis Woods Est

A. IDENTIFICATION

APPLICANT – *Complete unshaded areas only*

When changing contractors, notify this office

Owner U.S.P.S. New Jersey Reg 9
Address Postal Svc Bldg
Turnersville NJ 08012
Tel. ( ) 629-8581

Contractor B & F Plumbing
Address 719 Tunestack Dr.
Elmer NJ
Tel. ( ) 358-7446

Work Site Address Stapleton Lane
Sewell NJ 088

Lic.No./Bus. Permit 6196
Federal Emp. No

CERTIFICATION IN LIEU OF OATH:
(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE

B. TECHNICAL SITE DATA

List all fixtures

TYPE OF WORK:

No.	Fixture		No.	Fixture	Fee
3	Water Closet/Bidet/Urinal		1	Garbage Disposal	
2	Bathtub			Air Conditioner Unit	
3	Lavatory/Sink			Indirect Connection	
	Shower/Floor Drain			Sewer Ejector	
1	Washing Machine			Grease Trap	
1	Dishwasher			Interceptor	
	Commercial Dishwasher			Backflow Device	
1	Water Heater			Reduced Pressure Backflow Device	
	Domestic Boiler/ Furnace		3	Vent Stack	
	Steam Boiler			Solar System	
	Water Util. Connection			Other	
	Sewer Util. Connection			Other	
1	Hose Bibb			Other	
	Water Cooler			Other	
	COLUMN 1			COLUMN 2	

COLUMN 1 $
COLUMN 2 $
Subtotal $
Minimum Plumbing Fee (if applicable) $
Total Plumbing Fee (Greater of Minimum or Subtotal) $

C. PLUMBING CHARACTERISTICS

USE GROUP: Present V Proposed

Drainage –	Material PVC	Size 4"	
Building Sewer–	Material PVC	Size 4"	
Water Service–	Material PVC	Size 1"	
Venting –	Material PVC	Size 3"	

Estimated Cost of Plumbing Work: $ 3900.00

D. COMMENTS

☐ Partial Releases ☑ Prototype Processing

U.C.C. Form F-130 (8/83) Green = Office Copy White = Applicant Copy Blue = Inspector Copy

NEW JERSEY UNIFORM CONSTRUCTION CODE

CONSTRUCTION PERMIT #221

PERMIT NO. 87-1050
DATE ISSUED 6-29-87
Block 85-14 Lot 40
Subdivision K Ponds East

A. IDENTIFICATION

Owner Co. of New Jersey
Address Wash Sq Res Bldg
Turnersville NJ 08012
Tel. ( ) 629-5509
Work Site Address 5 Appletree Lane
Sewell NJ 08080

Agent Same
Address
Tel. ( )
Lic. No.
Federal Emp. No.

PAYMENTS

Permit Fee $ 339.32
Fees Remitted $ 339.3
☒ Check No. 686
☐ Cash
☐ Other
Collected By: D
Date: 6 29

is hereby granted permission to perform the following work:

☑ BUILDING ☑ ELECTRICAL
☑ PLUMBING ☑ FIRE PROTECTION
☐ OTHER

Description of work:
SFD yorkshire
3 bedrm. 1 car slab.

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: $ 41,100.00

Tom Vanderguft
CONSTRUCTION OFFICIAL

HOME OWNERS WARRANTY CORPORATION
of NEW JERSEY

RECEIVED SEP 0 2 1987

101 Morgan Lane, Suite 330
Plainsboro, N.J. 08536
1-800-982-5538

HOW Corp.
of New Jersey

CERTIFICATION FORM

(Used to obtain Certificate of Occupancy)

SEP - 1 1987

HOW Builder Approval No. (obtained by NJ HOW) 8594

BUILDING FIRM NAME CUTLER ORGANIZATION OF NEW JERSEY

BUILDING FIRM ADDRESS WASHINGTON SQUARE PROF. BLDG. RT. 42 SUITE 9 N.J. TURNERSVILLE, N.J. 08012

MUNICIPALITY Washington Twp/Gloucester

LOT NO. 221 BLOCK NO. 85.14

ADDRESS 5 Applettree Lane Sewell, NJ. 0880

HOW BUILDER NO. 3100-16111

NJ DCA BUILDER REGISTRATION NO. 13036

ENROLLMENT # OR NOTIFICATION OF STARTS# 55534

This is to certify that the above referenced premises has been enrolled for warranty/insurance coverage under the Home Owners Warranty (HOW) program.

TO BE VALID, FORM MUST BE STAMPED AND DATED BY THE HOW CORP. OF NEW JERSEY NOT MORE THAN (45) FORTY-FIVE DAYS BEFORE C. OF O. IS ISSUED.

NOTE: BUILDERS WHO FAIL TO ENROLL HOMES WITH HOW ONCE THIS FORM IS VALIDATED, C. OF O. IS OBTAINED, AND CLOSING/SETTLEMENT OCCURS, FACE TERMINATION FROM THE HOW PROGRAM AND SUSPENSION OF THEIR NJ STATE BUILDER REGISTRATION BY THE DEPARTMENT OF COMMUNITY AFFAIRS (N.J.A.C. 5:25-2.5)

MUNICIPALITY COPY

31696917

P.O. Box 340, Thorofare, N.J. 08086

GCUA
THE GLOUCESTER COUNTY UTILITIES AUTHORITY

№ 07085

CONSTRUCTION EXPANSION FEE

Municipal Participant: Washington Township MUA Project Name: Heggan Tract (Twin Ponds East)

NJDEP Construction Permit: SC-86-5866-4 Date Issued: 4/24/86

GCUA Resolution Allocating Capacity No. 1987-63 Dated 3/25/87 No. Units/GPD: 25/7,500 GPD
(Not applicable on NJDEP Contruction Permits issued prior to 7/20/77)

Location:	Tax Block	Lot	Street Address
	85.14-40	221	5 Appletree Lane

Type of Dwelling (GCUA Code_____)

Residential X Commercial____ Other_____

Fee Paid $ 500.00 Check # 315 Date 3/17/87

Payor The Cutler Organization of N.J., L.P.

Approved:_____ Date 3/27/87
GCUA Executive Director

GLOUCESTER COUNTY UTILITIES AUTHORITY

White—GCUA Copy - Canary—Municipal Participant Copy - Pink—Building Inspector Copy - Goldenrod—Applicant Copy

THE WASHINGTON TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
852 WHITMAN DRIVE, TURNERSVILLE, NJ 08012 • (609) 227-7788

6409

EXTENSION PERMIT

DATE: _____

Sewer Only _____
Water Only _____
Sewer & Water _____

Permission is hereby granted to extend lines to the Washington Twp. MUA system by the following applicant at the locations stated, for the purpose indicated. All lateral connections must comply with MUA Rules and Regulations: Elevation of Sanitary Fixtures.

APPLICANT: _____ ADDRESS: _____
EXTENSION LOCATION: _____ SECTION: _____
BLOCK: LOT:

TYPE OF BUILDING: _____ NUMBER OF UNITS: _____

CONNECTION FEES: SEWER: _____ WATER: _____ DATE PD: _____

ATTEST:

_____
Business Manager

CONSTRUCTION CODE OFFICE COPY

6 28 00

Date Issued 7/7/00
Control # C00-0935
Permit # 00-904

TOWNSHIP OF WASHINGTON
DEPT OF LICENSE & INSPEC
856-256-0234/FAX:218-1473

UCC NEW JERSEY
CONSTRUCTION PERMIT

IDENTIFICATION Block 85.14 Lot 40 Qual

Work Site Location 5 APPLETREE LANE
SEWELL NJ 08080
Owner in Fee PETERSON, FINN IGP
Address SAME
SAME, NJ 08080-
Telephone (856)863-0922

Contractor DEL VAL POOL & SPA 00
Address 4431 ROUTE 42
TURNERSVILLE, NJ 08012-
Telephone (856)629-2999
Lic. No. or Bldrs. Reg. No. 03/00/00
Federal Emp. No.

Is hereby granted permission to perform the following work:

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

DESCRIPTION OF WORK:
RES ALT IN GROUND POOL 18X36

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 $ 10,700

Wm. Dambrosky
Construction Official

/ /
Date

PAYMENTS (Office Use Only)

Building	110
Electrical	60
Plumbing	0
Fire Protection	0
Elevator Devices	0
Other	
DCA Training Fee	9
Cert. of Occupancy	25
Other	
Total	204
Check No.	1207
Cash	
Collected By	RC

U.C.C. F170 (rev. 3/96)

TOWNSHIP OF WASHINGTON
DEPT OF LICENSE & INSPEC
856-256-0234/FAX:218-1473

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 06/21/2000
Date Issued 7/ / /00
Control # C00-0935
Permit # 00-704

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

Block 85.14 Lot 40 Qual
Work Site Location 5 APPLETREE LANE
SEWELL NJ 08080
Owner in Fee PETERSON, FINN IGP
Address SAME
SAME, NJ 00000-
Tele.(856)862-0922
Contractor DEL VAL POOL & SPA 00
Address 4431 ROUTE 42
TURNERSVILLE, NJ 08012-
Tele.(856)629-2993 Fax ( )
Lic. No. or Bldrs. Reg. No. 03/00/00
Federal Emp. No.

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

RES ALT IN GROUND POOL 18X36

Must Comply with BOCA Art 421.10.1 for pool enclosure

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial
[ ] No Plans Rec.		
[ ] All		
[ ] Footing		
[ ] Foundation		
[ ] Frame		
[✓] Other 6P 6/22/00		

Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
SUBCODE APPROVAL [ ] Elev
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

INSPECTIONS Type	Failure	Failure	Approval	Initial
Footing				
Foundation				
Slab				
Frame				
BarrierFree				
Insulation				
Finishes				
Energy				
Mechanical				
TCO				
Other				
Final				
BarrierFree				

Dates (Month/Day)

TYPE OF WORK	FEE (Office Use Only)
[ ] New Building	$ 0
[ ] Addition	0
[X] Alteration	0
[ ] Roofing	0
[ ] Siding	0
[ ] Fence 0 Height (exceeds 6')	0
[ ] Sign 0 Sq. Ft.	0
[ ] Pool	0
[ ] Asbestos Abatement Subchapter 8	0
[ ] Lead Haz. Abatement NJAC 5:17	0
[X] Other IGP	110
Other	0
[ ] Demolition	0

B. BUILDING CHARACTERISTICS
Use Group Present ____ Proposed U
Const'n. Class Present ____ Proposed ____
No. of Stories 0
Height of Structure 0 Ft.
Area Largest Floor 0 Sq. Ft.
New Bldg. Area/All Floors 0 Sq. Ft.
Volume of New Structure 0 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 0
2. Alteration $ 10,000
3. Total (1+2) $ 10,000

Industrialized Building:
[ ] State Approved
[ ] HUD

	Administrative Surcharge	$ 0
Paid [ ] Check #	Minimum Fee	$ 0
Collected by:	TOTAL FEE	$ 110
	DCA Training Fee	$ 0

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

Approval of fence on site

TOWNSHIP OF WASHINGTON
DEPT OF LICENSE & INSPEC
856-256-0234/FAX:218-1473

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 06/21/2000
Date Issued 7/11/00
Control # C00-0935
Permit # 00-0441

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

Block 85.14 Lot 46 Qual

Work Site Location 5 APPLETREE LANE
GIBBELL NJ 08030

Owner in Fee PETERSON, FINK, ITP

Address C/O E
SAME, NJ 08080- 863-0972

Tele.(856) Fax ( )

Contractor SAFEWAY INC

Address PO BOX 98
RUNNEMEDE, NJ 08078-

Tele.(856)232-7330

Lic. No. or Bldrs. Reg. No. 7301

Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed U

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

Building Occupied as Utility Co.

Estimated Cost of Electrical Work $ 700

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Plumb
[ ] Fire [ ] Elevator
[ ] Elect Plans Approved
Date:
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

INSPECTIONS Type	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Temp Serv				
Const Serv				
TOD				
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 [ ] Owner Applicant

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	0
0		Pool Permit/With UW Lights	0
0		Storable Pool/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Oven/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
0	0	KW Central A/C Unit	0
0	0	HP/KW Space Heater/Air Handler	0
0	0	Baseboard Heat	0
0	0	HP Motors 1/4 HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
		Other IGP	40
		Other	0

Administrative Surcharge $ 0
Paid [ ] Check # Mariace Fee $ 0
Collected by: TOTAL FEE $ 40
ICC Training Fee $ 1

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

GLASS & KEYS

TOWNSHIP OF WASHINGTON
DEPT OF LICENSE & INSPEC
856-256-0234/FAX:218-1473

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 06/21/2000
Date Issued 7/1/00
Control # C00-0935
Permit # 00-904

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

Block 85.14 Lot 40 Qual
Work Site Location 5 APPLETREE LANE
SEWELL NJ 08080
Owner in Fee PETERSON, FINN IGP
Address SAME
SAME, NJ 08080- 863-0922
Tele. ~~(856)232-7330~~ Fax ( )
Contractor SAFEWAY INC
Address PO BOX 89
RUNNEMEDE, NJ 08078-
Tele. (856)232-7330
Lic. No. or Bldrs. Reg. No. 7301
Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS
Use Group - Present Proposed U
[ ] Pole/Pad # [ ] Temporary [ ] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work $ 700

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Plumb
[ ] Fire [ ] Elevator
[ ] Elect Plans Approved
Date:
Approved By:
SUBCODE APPROVAL
[ ] CO [ ] CCO [X] CA
Date: 8-1-00
Approved By: VRC

INSPECTIONS Type	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Temp Serv				
Const Serv				
TCO				
Other BC			7/20	
Service				
Final			7/20	

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

NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	0
0		Pool Permit/with UW Lights	0
0		Storable Pool/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Oven/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
0	0	KW Central A/C Unit	0
0	0	HP/KW Space Heater/Air Handler	0
0	0	Baseboard Heat	0
0	0	HP Motors 1/+ HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
		Other IGP	60
		Other	0

Paid [ ] Check #
Collected by:

Administrative Surcharge	$	0
Minimum Fee	$	0
TOTAL FEE	$	60
DCA Training Fee	$	1

U.C.C. F120 (rev. 3/96)

Application for a Permit

(T.M Lot 40)

Township of Washington
Construction Department
P.O. Box 1106
Turnersville, NJ 08012
Phone (609) 256-0234

[ ] Check if this is an update to existing permit # ____
[ ] If Prototype, give model ____
[ ] Change of contractor, fill in sub-code where applies

Site Address 5 Appletree ln.
Block 25.14 Lot 22.1
Owner in Fee Finn Peterson

Address 5 Appletree ln.
City Sewell State N.J. Zip 08080

Two Complete Sets of Plans are Required

**** Fill in Only the Subcodes that apply to the work you are doing ****

BUILDING SUB-CODE

Fill in all information below

Contractor Del Val Pools & Spa
Address Rt 168 & H.P.
City Turnersville State N.J. Zip 0808[illegible]
Phone( ) 856 309-2251
Federal ID #
License # Expires
Description of Work:

Type of Work:

[ ] New Building
[ ] Addition
[ ] Alteration
[ ] Roof
[ ] Siding
[ ] Other

[✓] Fence 4 Height
[ ] Sign ____ Sq. Ft.
[✓] Pool Size 18x36
[ ] Asbestos Abatement
[ ] Demolition
[ ] Elevator

Building Characteristics

Use Group ____ Present ____ Proposed ____
Construction Class: Present ____ Proposed ____
No. of Stories ____ Height of Structure ____
Area: Largest floor ____ Sq. Ft.
Total: All Floors ____ Sq. Ft.
Volume of Structure ____ Cu. Ft.
Total land area disturbed ____ Sq. Ft.

Estimated Cost of Building Work

New Building (1) ---------- $ ____
Alterations (2) ---------- $ 800
Totals (1 & 2) ---------- $ 16,700

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 ____

ELECTRICAL SUB-CODE

Fill in all information below

Contractor
Address
City State Zip
Phone ( )
Federal ID #
License # Expires

Technical Site Data (List all fixtures)

Item	No.	KW.	Item	No.	KW.
Fixtures(1)			Range		
Receptacles(2)			Oven(s)		
Switches(3)			Surface Unit		
Total (1+2+3)			Dishwasher		
Burglar Alarms			Garbage Disposal		
Intercom Panels			Dryer		
Smoke Detectors			A/C Unit		
Pool Bonding			Whirlpool/Spa		
Pool Motors			Water Heater		
Pool Lights			Baseboard Heat		
Heat: oil, gas, elec			Heat Pump		
Thermostats			Pumps		
Signs			Motor Controls		
Light Standards			Sub-Panels		
Motors/fractional			Motors/all other		
Transformers			Generators		
Service Entrance			Other		
Other					

Utility Company ---- [ ] PSE & G ---- [ ] Connectiv

Estimated Cost of Electric Work ---- $ ____

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

Signature ____
[ ] Licensed Electrical Contractor [ ] Exempt Applicant
Place Seal Here

APPLICATION FOR CERTIFICATE

Date Received
Date Permit Issued
Control #
Permit #
Date Issued

IDENTIFICATION

Block 85.14 Lot 40
Work Site Location 5 Appletree La.
Owner In Fee Finn Peterson
Address 5 Appletree La. Sewell N.J. 08012
Tele. (856) 863-0922

Contractor Del Val Pools and Spas
Address 4331 Rt 42
Turnersville N.J.
Tele. (856) 629-2999
Lic. No.
Federal Emp. No.
or Social Security No.

ACTION

☐ CERTIFICATE OF OCCUPANCY ☐ CERTIFICATE OF APPROVAL
☐ CERTIFICATE OF CONTINUED OCCUPANCY ☐ TEMPORARY CERTIFICATE OF OCCUPANCY
USE GROUP _____ Previous _____ Current

FINAL COST OF CONSTRUCTION: $ 10,700.00
(Include value of any new structure, all on-site improvements, built in furnishings and fixtures and all integral equipment exclusive of process or manufacturing equipment.)

A set of "As-Built" or amended drawings is required if the building or structure deviates from the approved plans filed with the construction permit. Use space below to describe any deviations from approved plans:

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

DESCRIPTION OF WORK/USE:
Install 18x36 Inground Pool with existing 4' wood and post (8' DEEP)

I hereby attest, that to the best of my knowledge, all work has been completed in accordance with the approved plans, permit and Regulations. Incomplete items listed on a Temporary Certificate of Occupancy will be completed by the date on the Certificate.

SIGNED: _____ OWNER/AGENT

☐ Owner
☐ Agent

TOWNSHIP OF WASHINGTON GLOUCESTER COUNTY
MUNICIPAL BUILDING, P.O. BOX 1106, TURNERSVILLE, NJ 08012

609-589-0520

IMPORTANT NOTICE FOR POOL APPLICATIONS

ALL SWIMMING POOLS MUST COMPLY WITH B.O.C.A. NATIONAL BUILDING CODE 421. FOR POOL ENCLOSURES.

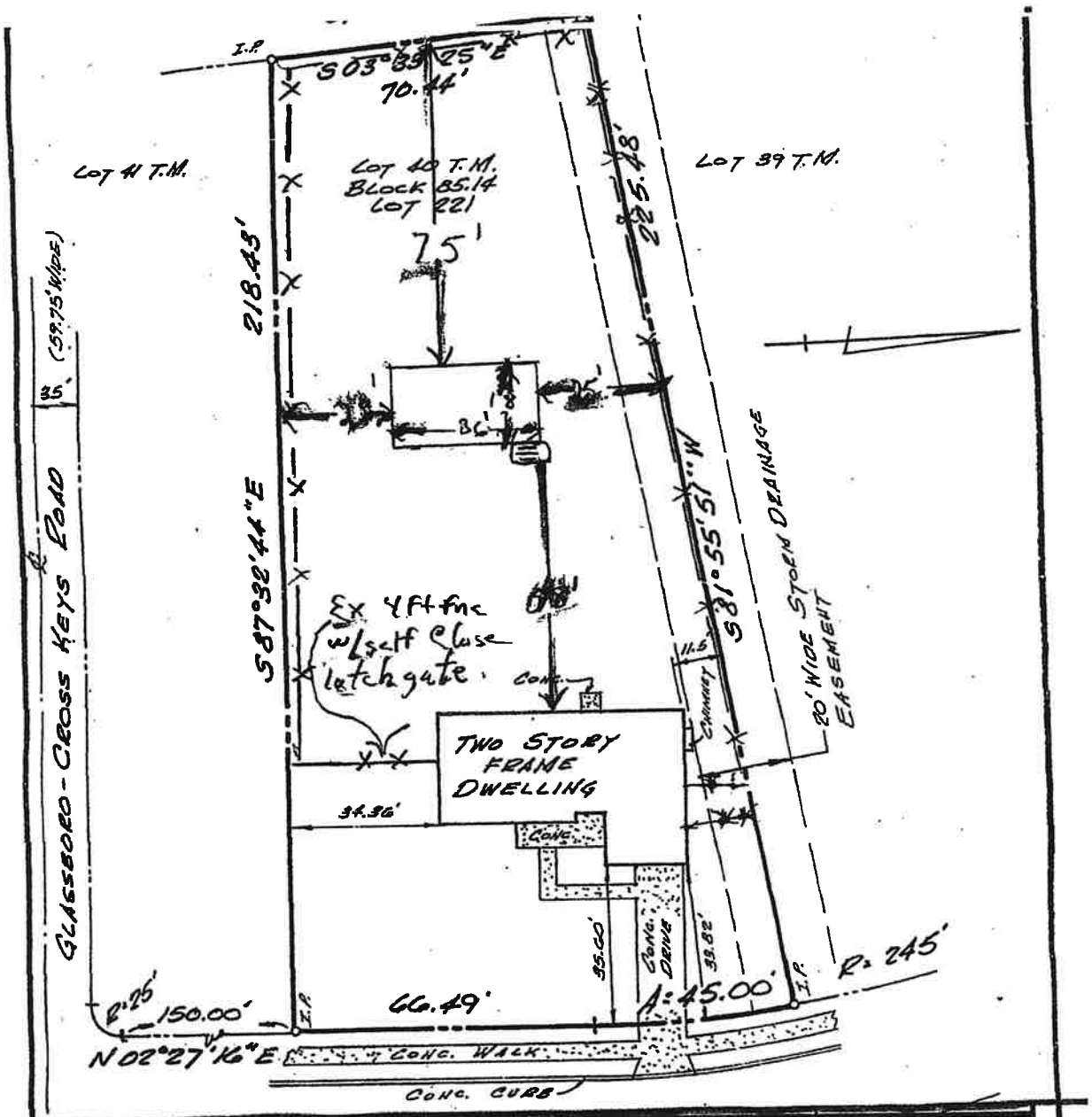
IN ORDER TO SIMPLIFY THE PROCESS OF OBTAINING A POOL PERMIT AND FINAL COMPLIANCE ON POOL INSTALLATION, THE FOLLOWING INFORMATION **IS REQUIRED** AT THE TIME THE APPLICATION IS SUBMITTED TO THE CONSTRUCTION OFFICE.

1. TYPE OF BARRIER 4' wood & Post Fence w/self Close latch gate
2. IF BARRIER IS FENCING)
   a. HEIGHT OF FENCE 4
   b. MATERIAL OF FENCE i.e., WOOD, CHAIN LINK, VINYL ETC. wood
   c. TYPE OF FENCING i.e., BOARD ON BOARD, BASKET WEAVE, PRIVACY, ETC. Picket 2 Rail.
   d. MANNER IN WHICH YOUR FENCE IS INSTALLED ON YOUR PROPERTY Rails in.
   e. SPECIFY WHETHER YOU SHARE ANY FENCING WITH NEIGHBORING PROPERTY No
   f. DESCRIBE YOUR GATE
      1. HEIGHT 4 : 5 11
      2. LOCATION OF LATCH Top
      3. SWING OF GATE (MUST SWING AWAY FROM POOL): YES ✓ NO ____
      4. ABILITY OF GATE TO CLOSE AUTOMATICALLY AND LATCH WHEN RELEASED YES ✓ NO ____

ADDITIONAL INFORMATION: Vast self Catching latch.

PLEASE BE SPECIFIC WHEN SUPPLYING ABOVE INFORMATION. IF YOU HAVE ANY QUESTIONS PLEASE CALL 256-0234 EXT. 276

Signature of Homeowner



FINN & DONNA PA[illegible]
CONTINENTAL TITLE INSURANCE CO.
PIONEER MORTGAGE CORP. ITS SUCCESSORS AND/OR ASSIGNS

REVISED 8-28-87
UPDATE

60' WIDE
PLAN OF SURVEY
SITUATE
WASHINGTON TWP.
GLOUCESTER CO., N.J.
SCALE: 1" = 30'
DATE: 15 SEPT. 1987

title relying hereon and any other party in interest:

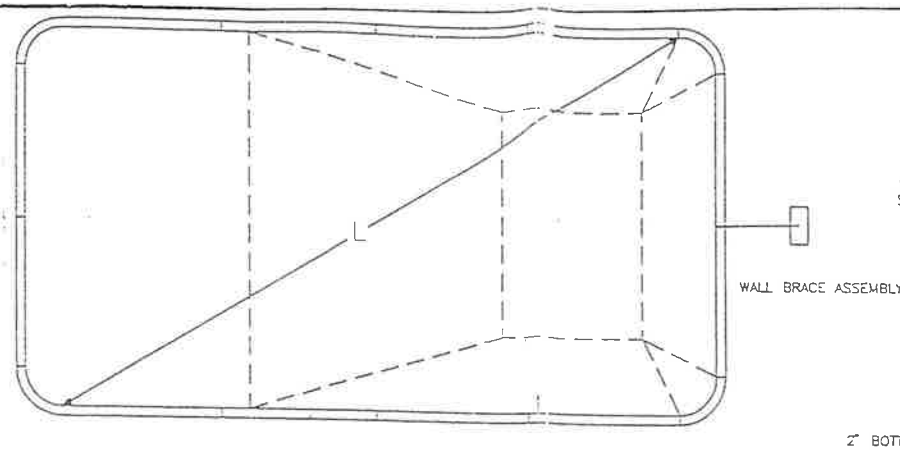
"In consideration of the fee paid for making this survey, I hereby certify to its accuracy (except such easements, if any, that may be located below the surface of the lands or on the surface of the lands and not visible) as an inducement for any insurer of title to insure the title to the lands and premises shown thereon."

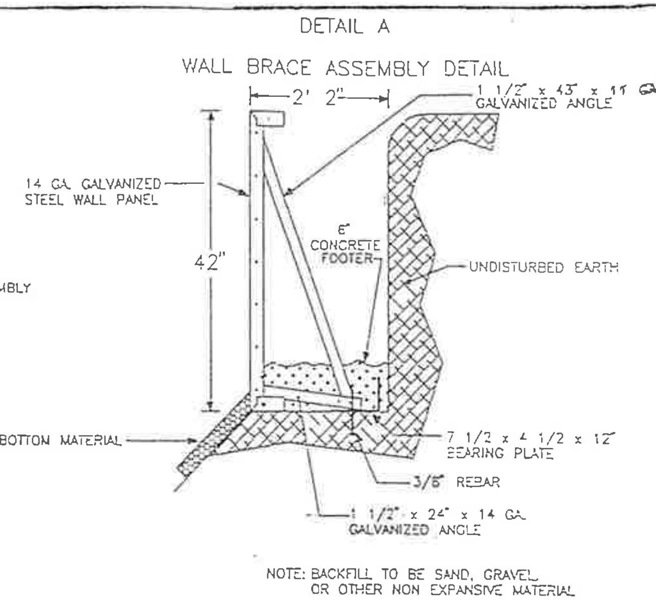
Joseph L. Brown

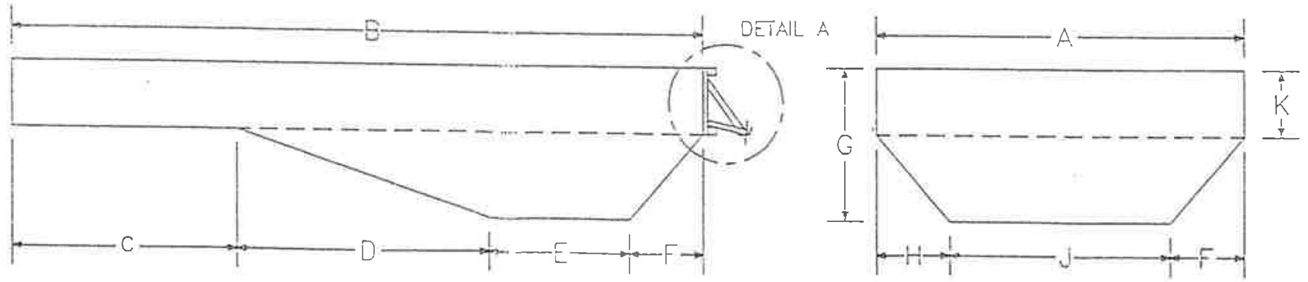
JOSEPH L. BROWN P.L.S.
N.J. LIC. NO. 13446

ACU-PRO SURVEYS INC.
GLEN OAKS PROFESSIONAL BUILDING
1405 CHEWS LANDING ROAD
LAUREL SPRINGS, N.J. 08021

S1900 ~ 85.14 ~ 40







NOTES:

1) ALL WORK SHALL BE IN ACCORDANCE WITH THE 1996 BOCA CODE (TABLE 421.11(2)), NATIONAL ELECTRICAL CODE, TOWNSHIP ORDINANCE & ANSI/NSPI-5 1995 STANDARD AND MANUFACTURER – CARDINAL SYSTEMS.
2) FENCE SHALL BE INSTALLED AROUND POOL PER BOCA AND TOWNSHIP ORDINANCE.
3) MAXIMUM LENGTH OF DIVING BOARD – 8'; JUMPSTAND – 6'. WARNING – DO NOT DIVE IN THE SHALLOW END. "NO DIVING" LABELS MUST BE INSTALLED AROUND SHALLOW END OF POOL IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS. IF DIVING BOARDS OR SLIDES ARE TO BE USED WITH THESE POOLS PLEASE CONSULT THE MANUFACTURE'S INSTRUCTIONS MINIMUM STANDARDS PRIOR TO INSTALLING DIVING BOARDS OR SLIDES ON THESE POOLS.
4) THESE DIG DIMENSIONS COMPLY WITH THE NATIONAL SPA AND POOL INSTITUTE SUGGESTED MINIMUM STANDARDS FOR RESIDENTIAL POOLS. FOR INFORMATION CONCERNING NSPI MINIMUM STANDARDS, WRITE: NATIONAL SPA AND POOL INSTITUTE, 2111 EISENHOWER AVENUE, ALEXANDRIA, VA 22314 (703) 838-0083.

* NO DIVING BOARD ALLOWED

POOL SIZE	A	B	C	D	E	F	G	H	J	K	L
12' x 24'*	12'	24'	8'	7'6"	6'	2'6"	6'	2'6"	7'	3'6"	23'3 7/8"
14' x 26'*	14'	26'	10'	7'6"	6'	2'6"	6'	2'6"	9'	3'6"	26' 1"
16' x 32'	16'	32'	8'	14'	6'	4'	8'	4'	8'	3'6"	32' 3"
16' x 36'	16'	36'	12'	14'	6'	4'	8'	4'	8'	3'6"	35'9 1/4"
18' x 36'	18'	36'	12'	14'	6'	4'	8'	4'	10'	3'6"	36'8 1/2"
20' x 40'	20'	40'	14'	14'	8'	4'	8'	4'	12'	3'6"	41'2 1/4"

REVISION	DESCRIPTION	DATE	MADE BY	APPROVED

2' R. CORNERS RECTANGLE - CARDINAL SYSTEMS

PREPARED FOR DEL VAL POOLS
4431 ROUTE 42
TURNERSVILLE, NJ 08012
856-629-2999

DOUGLAS R. LONG R.A., P.E., P.P., C.L.A., L.S.

LONG-ARCHITECTURE, ENGINEERING & LAND SURVEYING

DATE 5-17-99
SCALE N.T.S.
DRAWN DRL
JOB NO. 20578
DWG. NO. F
SHEET 1 OF 1

BUILDING SUBCODE
TECHNICAL SECTION

Date Received Control # 10-23-06

Date Issued Permit # 06-2403

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

Block 85.14 Lot 40 Qualification Code

Work Site Location 5 Appletree Ln.

Owner in Fee: Lorenz

Tel. ( ) 863-0922. e-mail

Address 5 Appletree Ln. (street) Sewell (municipality) NJ 08080 (zip code)

Contractor: Red Line Ent. Tel. ( ) 761-0541

Address 1814 Rt 70 E. Cherry Hill NJ 08003 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
[✓] No Plans Required	10/30/06	TR
[ ] All		
[ ] Footing		
[ ] Foundation		
[ ] Frame		
[ ] Other		

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL
[ ] CO [ ] CCO [✓] CA
Date: 5-24-07
Approved by: TR

INSPECTIONS

Type:	Failure	Failure	Approval	Initial
	Dates (Month/Day)			
Footing				
Footing Bonding				
Foundation				
Slab				
Frame				
Truss Sys./Bracing				
Barrier-Free				
Insulation				
Finishes -Base Layer				
Finishes -Final				
Energy				
Mechanical				
TCO				
Other				
Final			5/23/07	
Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group Present Proposed

Constr. Class Present Proposed

No. of Stories

Height of Structure Ft.

Area — Largest Floor Sq. Ft.

New Bldg. Area/All Floors Sq. Ft.

Volume of New Structure Cu. Ft.

Total Land Area Disturbed Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. $
2. Rehabilitation $ 3000
3. Total (1+ 2) $ 3008-

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Re-Roof over 1 layer of Shingles with 25 yr GAF Shingle

24 sq

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 $

10 23 06

Township of Washington
Municipal Building
Turnersville, NJ 08012
(856)256-0234 FAX *(856)218-1473*

Permit No. **20062403**
Block/Lot **85.14/40.**
Date

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... LORENZ
Address..... 5 APPLETREE LANE
SEWELL, NJ, 08080
Phone..... (856)863-0922

Contractor..... REDLINE ENTERPRISES
Address..... 1814 ROUTE 70 WEST
CHERRY HILL, NJ 08003
Phone..... 8567610541
Lic No. Or Bld Reg No. 13VH00087700
Fed Emp No.....

Permission is hereby granted to do the following work:

- ☒ BUILDING
- ☐ ELECTRIC
- ☐ ELEVATOR
- ☐ PLUMBING
- ☐ FIRE
- ☐ ASBESTOS ABATEMENT
- ☐ LEAD HAZARD ABATEMENT
- ☐ DEMOLITION
- ☐ OTHER
- ☐ Mechanical

Description of Work:

ROOFING 24 SQUARE

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

Estimated Cost of Work: $3,000

Construction Official 10-13-06 Date

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

PAYMENTS (Office Use Only)

Building	46
Electrical	0
Plumbing	0
Fire Protection	0
Elevator Devices	0
Other	0
DCA Permit Fee	4
Certificate of Occupancy	0
Other	0
Total	50

Check#/Cash 4166
Paid
Collected By MJ

U.C.C. F190 (Rev. 3/96)

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
Division of Consumer Affairs

HAS REGISTERED

Redline Enterprises LLC
John Kabourakis
174 Rockwell Ave
Long Branch NJ 07740

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

02/24/2005 TO 12/31/2006
VALID

13VH00087700
LICENSE/REGISTRATION/CERTIFICATION #

PRESIDENT
Signature of Licensee/Registrant/Certificate Holder

Jeffrey Burstein
ACTING DIRECTOR

PLEASE DETACH HERE

IF YOUR LICENSE/REGISTRATION/ CERTIFICATE ID CARD IS LOST PLEASE NOTIFY:

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

PLEASE DETACH HERE

RECEIVED
JUN 14 2007
By

PLUMBING SUBCODE TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received 6/19/07
Date Issued
Control #
Permit # 07-1018

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

Block 85.14 Lot 40 Qualification Code
Work Site Location 5 Appletree LN

Owner in Fee DONNA + Rich LORENZ
Address 5 Appletree LN
Sewell NJ 08080
Tel (856) 863-0922
Contractor Rich LORENZ Self
Address 5 Appletree LN
Sewell NJ 08080
Tel (856) 863-0922 FAX ( )
Contractor License 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 $ 425.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Building [ ] Electric
[ ] Fire [ ] Elevator
[ ] Plumbing Plans Approved
Date 6-19-07
Approved by:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date 6-20-07
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final			6-20-07	E.S

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 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	10
	Fuel Oil Piping	
	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
	Other	
	Other	

Administrative Surcharge $
Minimum Fee $
State Permit Surcharge Fee $
TOTAL FEE $ 45-

UCC/F-130 (REV. 1/04)
Professional Printing
(856) 468-7933

1. White-Inspector copy 2. Canary- Applicant copy
3. Pink- Office Copy 4. White Tag- Office copy

Township of Washington
Municipal Building
Turnersville, NJ 08012
(856)256-0234 FAX *(856)218-1473*

Permit No. **20071018**
Parcel(Block/Lot) **85.14/40.**
Date 6/19/07

Construction Permit

Work Site Location 5 APPLETREE LA

Owner in Fee..... LORENZ, DONNA & RICH
Address..... 5 APPLETREE LANE
SEWELL, NJ, 08080
Phone..... (856)863-0922

Contractor..... HOMEOWNER
Address.....
Phone.....
Lic No. Or Bld Reg No. None
Fed Emp No. .....

Permission is hereby granted to do the following work:

- ☐ BUILDING
- ☐ ELECTRIC
- ☐ ELEVATOR
- ☒ PLUMBING
- ☐ FIRE
- ☐ ASBESTOS ABATEMENT
- ☐ LEAD HAZARD ABATEMENT
- ☐ DEMOLITION
- ☐ OTHER
- ☐ Mechanical

Description of Work:

WATER HEATER

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

Estimated Cost of Work: $425

Construction Official — Date 6-19-07

PAYMENTS (Office Use Only)

Building	$0
Electrical	0
Plumbing	45
Fire Protection	0
Elevator Devices	0
Other	0
State Training Fee	1
Certificate of Occupancy	0
Other	0
Total	$46

Check#/Cash
Paid
Collected By MH

Failure to obtain all required inspections may result in administrative action
Final inspections are required before final payment is to be made to contractor
An approved set of plans must be kept at the worksite at all times

Municipality Copy/Applicant Copy

U.C.C. F190 (Rev. 3/96)

Zoning Permit

5 APPLETREE LA
Block/Lot 85.14/40

Zone
PR3

WASHINGTON, FRANK JR
135 MORTON AVE
CLAYTON, NJ 08312

Application is
Approved

This is to certify that the above-named has applied for a permit to/authorization for:

SOLAR - INSTALL ROOFTOP SOLAR 4" OFF ROOF, which is a use permitted by ordinance

Comments on Decision:
AS PER CODE 285-306 AND 307

Township of Washington

Turnersville NJ 08012
(856)589-0520 FAX(856)589-2953

Joseph Micucci
Zoning Officer
March 8, 2021

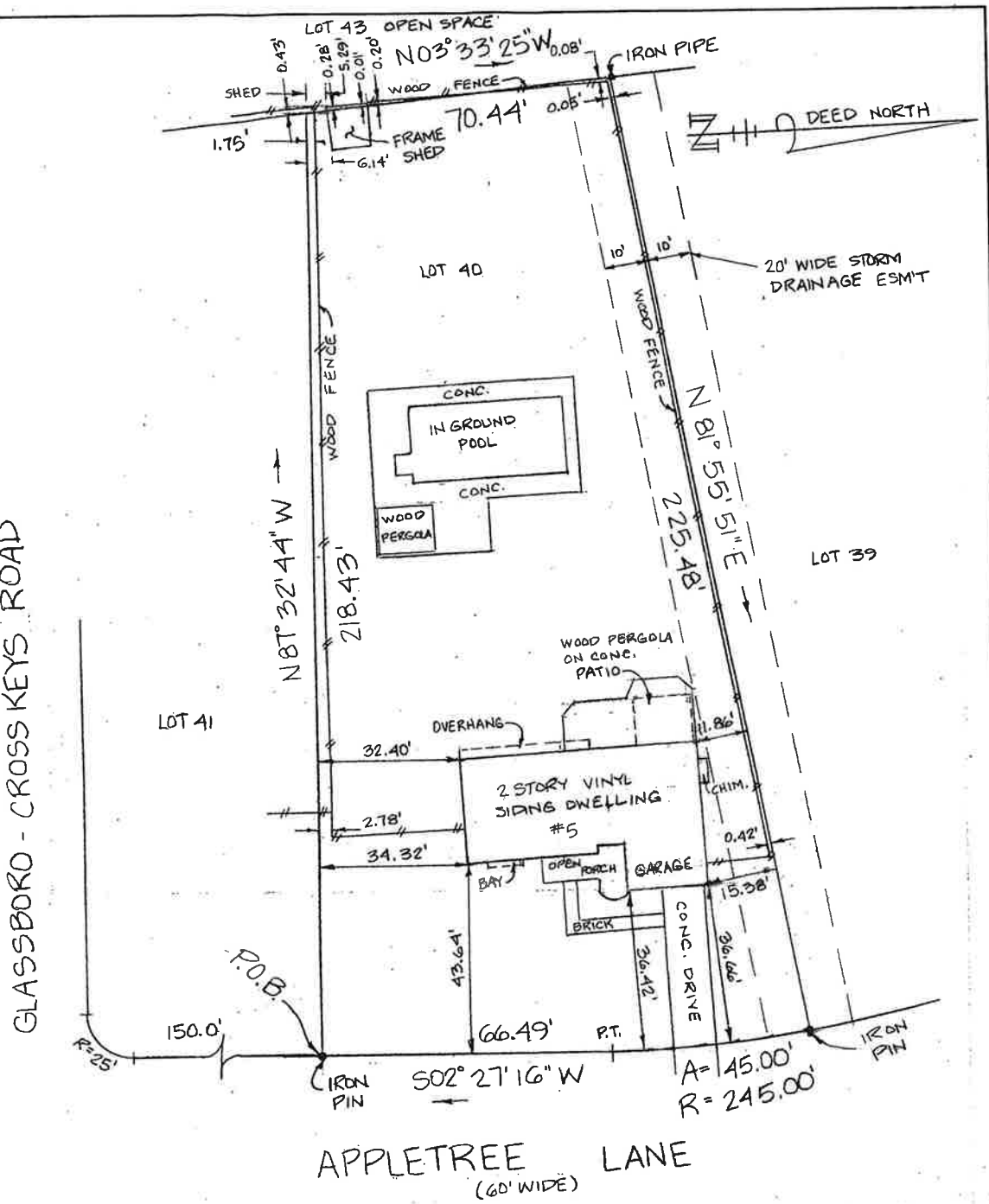
Date

Applic No. 7256
21577

Cut Here

Deliver to...

WASHINGTON, FRANK JR
135 MORTON AVE
CLAYTON, NJ 08312



NOTE: PARCEL SURVEYED BEING LOT 40, BLOCK 85.14 ON FINAL PLAN OF LOTS, "TWIN PONDS EAST", SECTION ONE, SHEET 2 OF 2. A.K.A. LOT 40, BLOCK 85.14 ON WASHINGTON TWP. TAX MAP.

TO FRANK WASHINGTON, JR.
any insuror of Title relying hereon and any other party in interest:

In consideration of the fee paid for making this survey, I hereby certify to its accuracy (except such easement, if any, that may be located below the surface of the lands or on the surface of the lands and not visible) as an inducement for any insuror of title to insure the title to the lands and premises shown thereon. Responsibility limited to current transaction.

Richard S. Humphries

RICHARD S. HUMPHRIES
P.L.S. N.J. LIC. 34859
DATE OF SURVEY FEBRUARY 23, 2021

Walter H. Macnamara Assoc., Inc.
Professional Land Surveyors
Certificate of Authorization 24GA28052300
813 Haddon Ave., Collingswood, NJ 08108
856-854-5229

Survey of Premises

NO. 5 APPLETREE LANE

WASHINGTON TOWNSHIP

GLOUCESTER Co. New Jersey

Scale — 1" = 30'

595-14

Planning / Zoning

TOWNSHIP OF WASHINGTON / GLOUCESTER COUNTY

MUNICIPAL BUILDING, P.O. BOX 1106, TURNERSVILLE NJ 08012

856-589-0520 ext. 233 or 234

RECEIVED
MAR 03 2021
By AO

ZONING PERMIT APPLICATION

Date 3/2/2021 **Fee** $100 **Check#** 1837 **Cash** _____ **Block** 85.14 **Lot** _____ **Zone** PR3

Owner: Frank Washington Jr. **Applicant or Tenant:** SunnyMac LLC

Address of Applicant: 413 8th Avenue, Wilmington, DE 19805

Phone #: (844) 786-6962 x11 **Cell Phone #:** (Fax) 302-777-2060

E-Mail Address: debbief@sunnymacsolar.com

Address for which permit is to be issued 5 Appletree Lane

(If different from the applicant): Sewell NJ 08080

Type of work: ___ **Commercial** ___ **Residential**

___ **New Home $150** ___ **Fence $35** ___ **Deck $50** ___ **Driveway $35** ___ **Patio $35** ___ **Other**

___ **In Ground Pool $75** ___ **Above Ground Pool $35** ___ **Temp Tent $35** ___ **Sign $35** ___ **Temp Banner $35**

X **Solar Panels $100** ___ **Addition $75** ___ **Garage $75** ___ **Shed $35 or $75** ___ **Retaining Wall $50**

Structures (I.E. Additions, Garages, Sheds) - _____ **Length** _____ **Width** _____ **Height**

Change of Occupant/ Owner $35 Previous Occ. _____ New Occ. _____ **Change of Use $35** Previous Use _____ New Use _____

Description of work and use: (Should include dimensions. Ex. 4' vinyl fence, 10' x 12' shed, etc.)

40 x 325 REC Roof-Mounted Solar (13.00kw)- Panels located on front of house as it is the optimal placement for energy production.

Panels 4" off of roof not to exceed ridge of roof

NOTE: Has the above premises been the subject of prior approvals either before the Zoning or Planning Board?
No Yes (Supply Resolution # _____ and approval date _____)

Applications must be submitted with:

1. **2 copies** of the sealed NJ licensed land survey; not tax map. This shows the layout of your property with improvements and how it is set on your property. The proposed work and setbacks must be shown on this survey.
   a. If you are building a new home, an inclusionary housing form may be necessary.
   b. Sign applications must include a color rendition and dimensions with application. **Note:** A separate permit is needed from the County or State for Signs on County or State Roads.
   c. If you are a tenant: An executed lease may be required upon Zoning Permit approval.
   d. Attach a copy of Homeowners Association Approval, if applicable.
2. Appropriate fee

Please Print: Applicant's Name: Debbie Fowler

Applicant's Signature: Debbie Fowler

BACKGROUND AND MULTIPLE SECURITY FEATURES. TILT AND VERIFY AUTHENTICITY

NOTARY, 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

SUNNY MAC LLC
Matthew Macfadden
413 8th Avenue
Wilmington DE 19805

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

02/27/2020 TO 03/31/2021
VALID

13VH05761100
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

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

SUNNY MAC LLC
YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 13VH 05761100 . EXPIRATION DATE 2021. PLEASE USE IT IN ALL CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED BELOW.

Home Improvement Contractors
P.O. Box 45016
Newark, NJ 07101

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

HOME ☐
BUSINESS ☑

TELEPHONE
INCLUDE AREA CODE

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

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

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

BACKGROUND AND MULTIPLE SECURITY AREAS. TO TEST, 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

SunnyMac, LLC
SCOTT A HAINES
3 AUSTEN CT.
MEDFORD NJ 08055

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

03/29/2018 TO 03/31/2021
VALID

34EB01477200
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
Board of Examiners of Electrical Contractors
HAS LICENSED
SunnyMac, LLC
Electrical Business Permit

03/29/2018 TO 03/31/2021
VALID

SIGNATURE

34EB01477200

PLEASE DETACH HERE

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

PLEASE DETACH HERE

SunnyMac, LLC

EXPIRATION DATE 2021

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 34EB 01477200 . PLEASE USE IT IN ALL CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS. USE THIS SECTION TO REPORT ADDRESS CHANGES YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED BELOW.

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

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

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

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

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

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

GENERAL NOTES:

N1. DRAWINGS ARE DIAGRAMMATIC ONLY. THE LOCATION AND ROUTING OF RACEWAYS SHALL BE DETERMINED BY THE CONTRACTOR UNLESS OTHERWISE NOTED OR STANDARDIZED.

N2. IF A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, OVERCURRENT PROTECTION, GROUNDING SYSTEMS, ETC. (ALL EQUIPMENT AND MATERIALS) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS IN THE SPECIFICATIONS OR NOTED ON THE PLANS TO ENSURE COMPLETE COMPLIANCE WITH ALL CODES AND TO ENSURE THE LONGEVITY AND SAFETY OF THE OPERABLE SYSTEM.

N3. ALL OUTDOOR EQUIPMENT SHALL BE MIN. NEMA 3R RATED.

N4. METAL CONDUIT AND ENCLOSURES SHALL BE USED WHERE PV SOURCE OR OUTPUT CIRCUITS ARE RUN INSIDE A BUILDING.

N5. MODULES SHALL NOT BE PLACED OVER ANY PLUMBING VENTS AND AT LEAST 6" ABOVE FLUSH VENTS.

N6. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ANY AND ALL REQUIREMENTS GIVEN BY UTILITY COMPANIES.

N7. FOR ADDITIONAL EQUIPMENT SPECIFICATIONS, SEE PROVIDED CUT SHEETS.

N8. ALL NEC REFERENCES SHALL BE DIRECTLY INTERCHANGEABLE WITH CEC REFERENCES.

N9. IT IS ILLEGAL FOR ANYONE UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFFESIONAL ENGINEER OR REGISTERED ARCHITECT TO ALTER ANY ITEMS ON THIS PLAN.

N10. THE ENGINEER HAS NOT BEEN RETAINED FOR JOB SUPERVISION.

N11. ALL OSHA REGULATIONS AND STANDARDS FOR SAFE AND HEALTHFUL WORKING CONDITIONS TO BE FOLLOWED.

N12. ALL CONTRACTORS WORKING ON ROOFS TO BE INSURED AS SUCH.

STRUCTURAL NOTES:

S1. MOUNTS ARE DIAGRAMMATIC AND EXACT LOCATION MAY CHANGE, BUT SHALL BE ACCURATELY SPACED.

S2. MOUNTS SHALL BE STAGGERED WHEN NECESSARY TO EVENLY DISTRIBUTE LOAD AMONGST TRUSS.

S3. DO NOT SPLICE RAILS IN MIDDLE 50% OF SPAN BETWEEN TWO MOUNTS.

ELECTRICAL NOTES:

E1. MAXIMUM POWER PER STRING DOES NOT EXCEED 5700W.

E2. ANY EQUIPMENT OR ELECTRICAL MATERIALS USED FOR THIS INSTALLATION SHALL BE NEW AND LISTED BY A RECOGNIZED ELECTRICAL TESTING LABORATORY.

E3. AN INVERTER IN AN INTERACTIVE SOLAR PV SYSTEM SHALL AUTOMATICALLY DE-ENERGIZE ITS OUTPUT TO THE CONNECTED ELECTRICAL PRODUCTION AND DISTRIBUTION NETWORK UPON LOSS OF VOLTAGE IN THAT SYSTEM AND SHALL REMAIN IN THAT STATE UNTIL THE ELECTRICAL PRODUCTION AND DISTRIBUTION NETWORK VOLTAGE HAS BEEN RESTORED.

E4. ALL PV ARRAYS SHALL BE EQUIPPED WITH DC GROUND FAULT PROTECTION BY INVERTER)(S), AND ARC FAULT PROTECTION IS INVERTER-INTEGRATED.

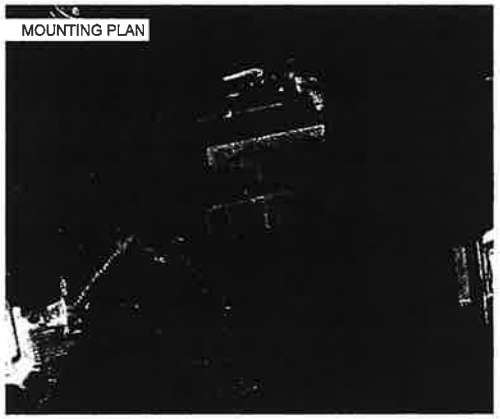
E5. ANY AC COMPONENT SHALL MEET OR EXCEED THE AVAILABLE FAULT CURRENT CALCULATED AT THAT COMPONENT.

E6. ALL MODULES AND ANY RELATED ROOF MOUNTED METALLIC EQUIPMENT SHALL BE PROPERLY BONDED AND GROUNDED.

E7. ALL WIRE, VOLTAGES, AMPERAGES AND EQUIPMENT IS SIZED ACCORDING TO TEMPERATURE DERATING AND LOCATION.

E8. ONLY COPPER (CU) CONDUCTORS SHALL BE USED FOR NEW WIRING. CONDUCTORS SHALL BE STRANDED OR SOLID WITH PROPERLY RATED CONNECTORS.

E9. ALL MODULES AND RACKING SHALL BE GROUNDED VIA UL2703-LISTED RACKING SYSTEM'S INTEGRATED GROUNDING (PLEASE SEE DATA SHEET) OR WITH TIN PLATED DIRECT BURIAL RATED LAY IN LUGS USING STAINLESS STEEL HARDWARE, STAR WASHERS, AND THREAD FORMING BOLTS.



1 HOUSE PHOTO
PV-0 SCALE: NTS

PROJECT DESCRIPTION:

(40x325) REC REC 325 N-PEAK BLACK SERIES MODULES
ROOF MOUNTED SOLAR PHOTOVOLTAIC MODULES
SYSTEM SIZE: 13.000kW DC /10.0kW AC

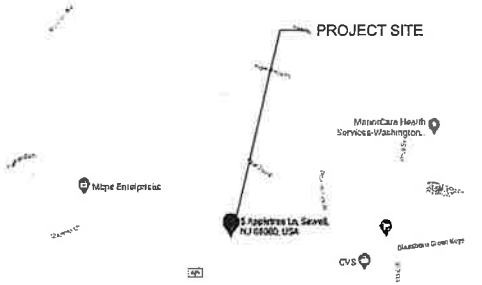
EQUIPMENT SUMMARY

40	REC REC 325 N-PEAK BLACK SERIES MODULES
01	SOLAREDGE SE 10000H -US
40	SOLAREDGE POWER OPTIMIZER P340

SHEET INDEX

GOVERNING CODES
2017 NATIONAL ELECTRIC CODE
2018 INTERNATIONAL RESIDENTIAL CODE
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL FIRE CODE
NJ UCC REHABILITATION SUBCODE.

SCOPE OF WORK
INSTALLATION OF A SAFE AND
CODE-COMPLIANT GRID-TIED SOLAR PV SYSTEM
ON AN EXISTING RESIDENTIAL ROOF TOP.



2 VICINITY MAP
PV-0 SCALE: NTS

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05761 10
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

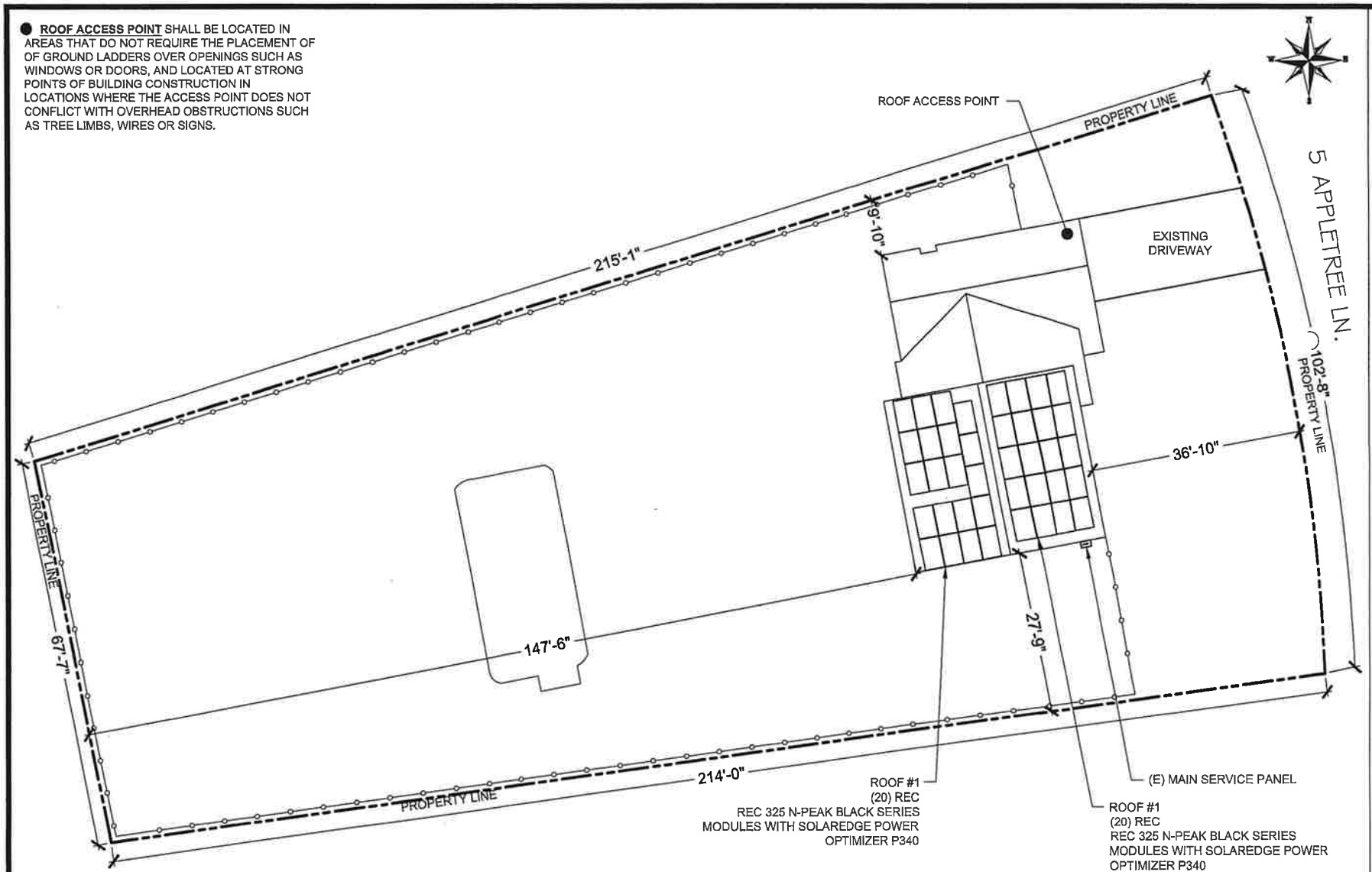
FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

COVER SHEET

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-0

● **ROOF ACCESS POINT** SHALL BE LOCATED IN AREAS THAT DO NOT REQUIRE THE PLACEMENT OF OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION IN LOCATIONS WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREE LIMBS, WIRES OR SIGNS.



1 SITE PLAN
PV-1 SCALE: 1/16" = 1'

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05761110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

SITE PLAN

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-1

ROOF DESCRIPTION				
ROOF TYPE			COMPOSITION SHINGLE	
ROOF	ROOF TILT	AZIMUTH	TRUSS SIZE	TRUSS SPACING
#1	26°	260°	2X4	24" o.c.
#2	26°	80°	2X4	24" o.c.

ARRAY AREA				
ROOF	# OF MODULES	ARRAY AREA (Sq. Ft.)	ROOF AREA (Sq. Ft.)	ROOF AREA COVERED BY ARRAY (%)
#1	20	359.6	503.25	71.45
#2	20	359.6	503.25	71.45

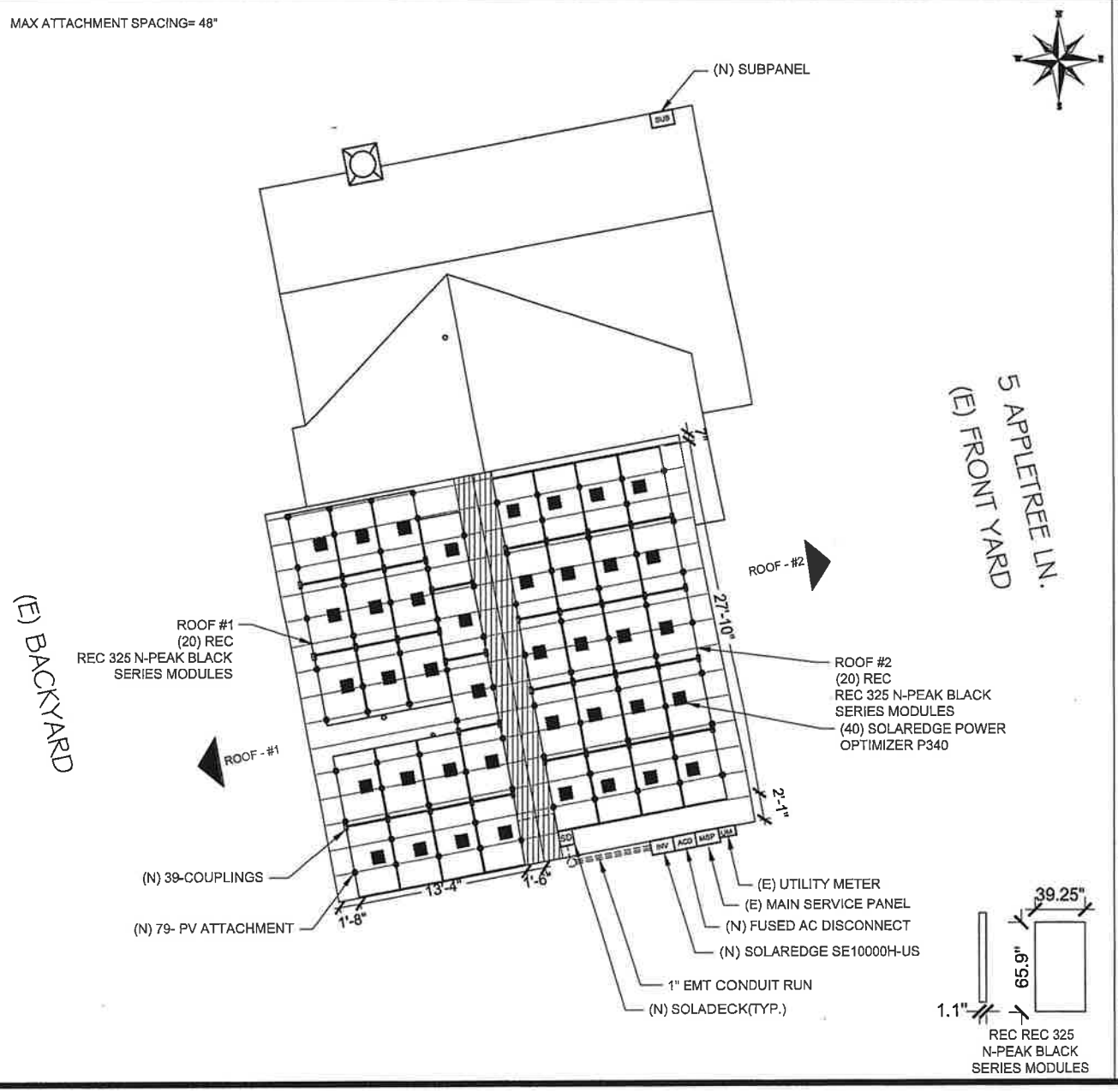
ROOF ARRAY AREA				
ROOF	# OF MODULES	ARRAY AREA (Sq. Ft.)	ROOF AREA (Sq. Ft.)	ROOF AREA COVERED BY ARRAY (%)
#1-2	40	719.20	1880.05	38.25

ARRAY SPECIFICATION	
MODULE LENGTH (inch)	65.94
MODULE WIDTH (inch)	39.25
MODULE AREA (sqft)	17.98
MODULE WEIGHT	39.70
NUMBER OF MODULE	40
TOTAL MODULE WEIGHT (lbs)	1588.00
RACKING WEIGHT (lbs)	196.25
TOTAL ARRAY WEIGHT (lbs)	1784.25
ARRAY AREA (sqft)	701.60
ARRAY DEAD LOAD (lbs/sqft)	2.54
NUMBER OF MOUNTS	79
LOAD PER MOUNT (lbs)	22.59

LEGEND

- JB - SOLADECK
- ACD - AC DISCONNECT
- UM - UTILITY METER
- MSP - MAIN SERVICE PANEL
- INV - SOLAREDGE INVERTER
- VENT, ATTIC FAN (ROOF OBSTRUCTION)
- ROOF ATTACHMENT
- TRUSS
- CONDUIT IN ATTIC

MAX ATTACHMENT SPACING= 48"



1 ROOF PLAN & MODULES

PV-2 SCALE: 3/16"=1'-0

SUNNYMAC

SUNNYMAC LLC
413 8th AVE.
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05761110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON

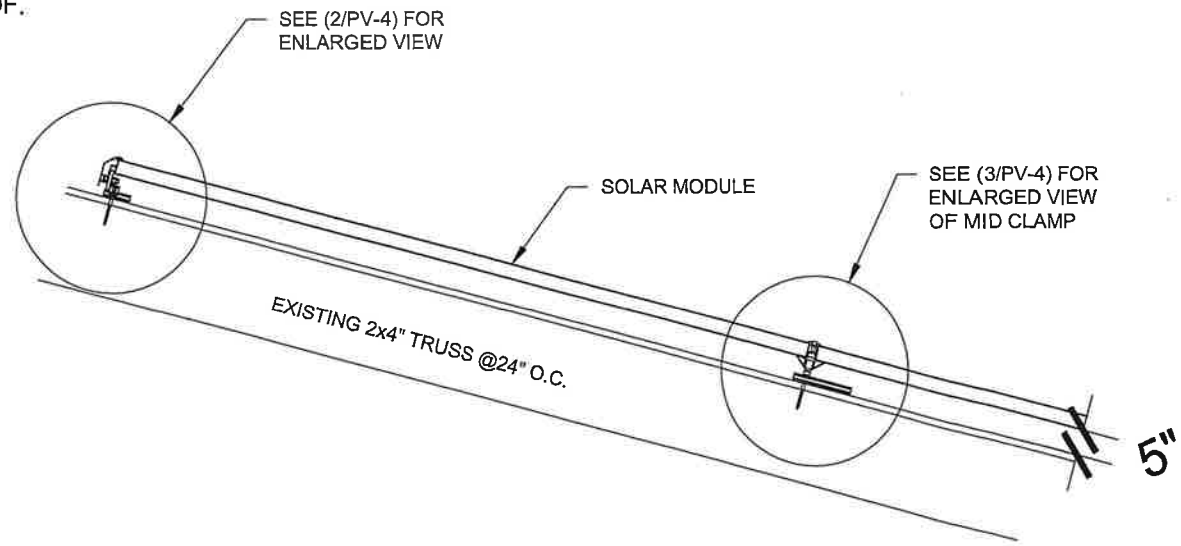
5 APPLETREE LN., SEWELL, NJ 08080

ROOF PLAN & MODULES

SHEET SIZE
ANSI B
11" X 17"

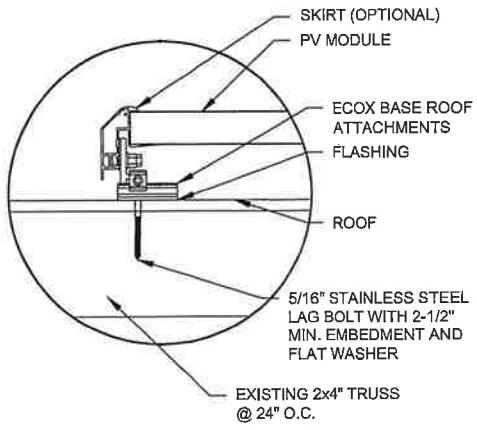
SHEET NUMBER
PV-2

NOTE: PANELS WILL NOT BE MORE THAN 5" OFF THE ROOF.



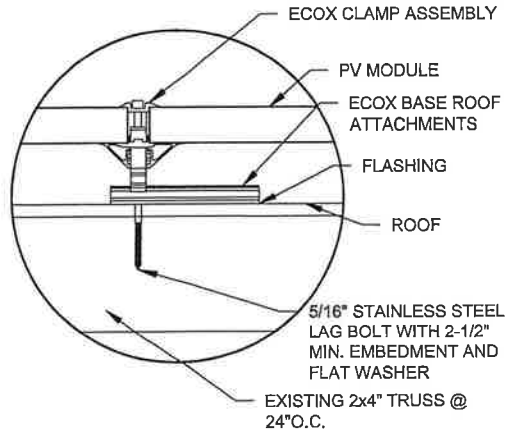
1 ATTACHMENT DETAIL (SIDE VIEW)

PV-3 SCALE: NTS



2 ATTACHMENT DETAIL ENLARGED VIEW

PV-3 SCALE: NTS



3 MID CLAMP

PV-3 SCALE: NTS

SUNNYMAC
SUNNYMAC LLC
413 8th AVE
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

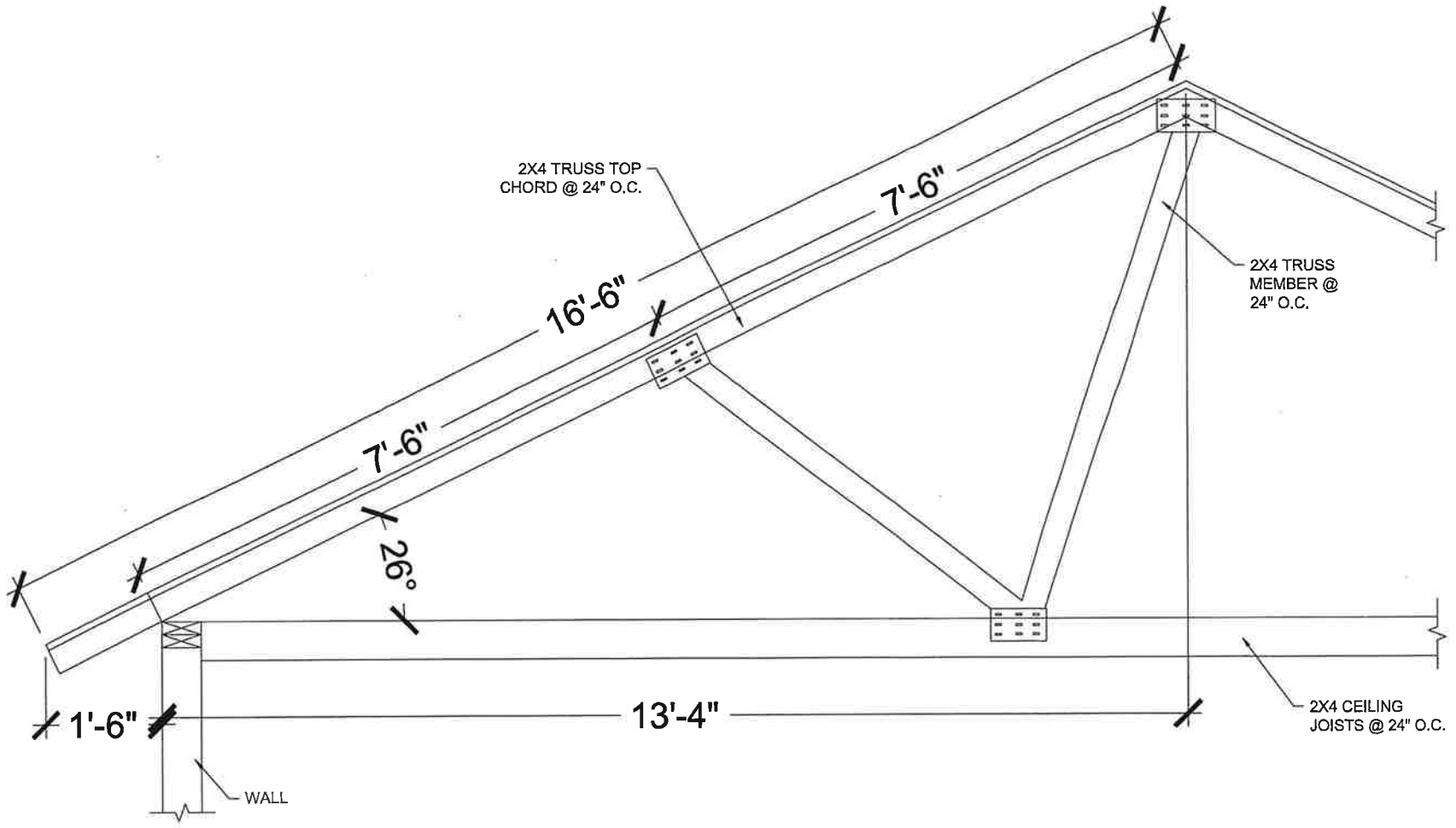
PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

ATTACHMENT DETAIL

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-3



1 | PV-3.1 ROOF #1& #2 SECTION
SCALE: 1/2" = 1'-0"

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH0576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL,
NJ 08080

RAFTER
FRAMING
DETAIL

SHEET SIZE
ANSI B
11" X 17"

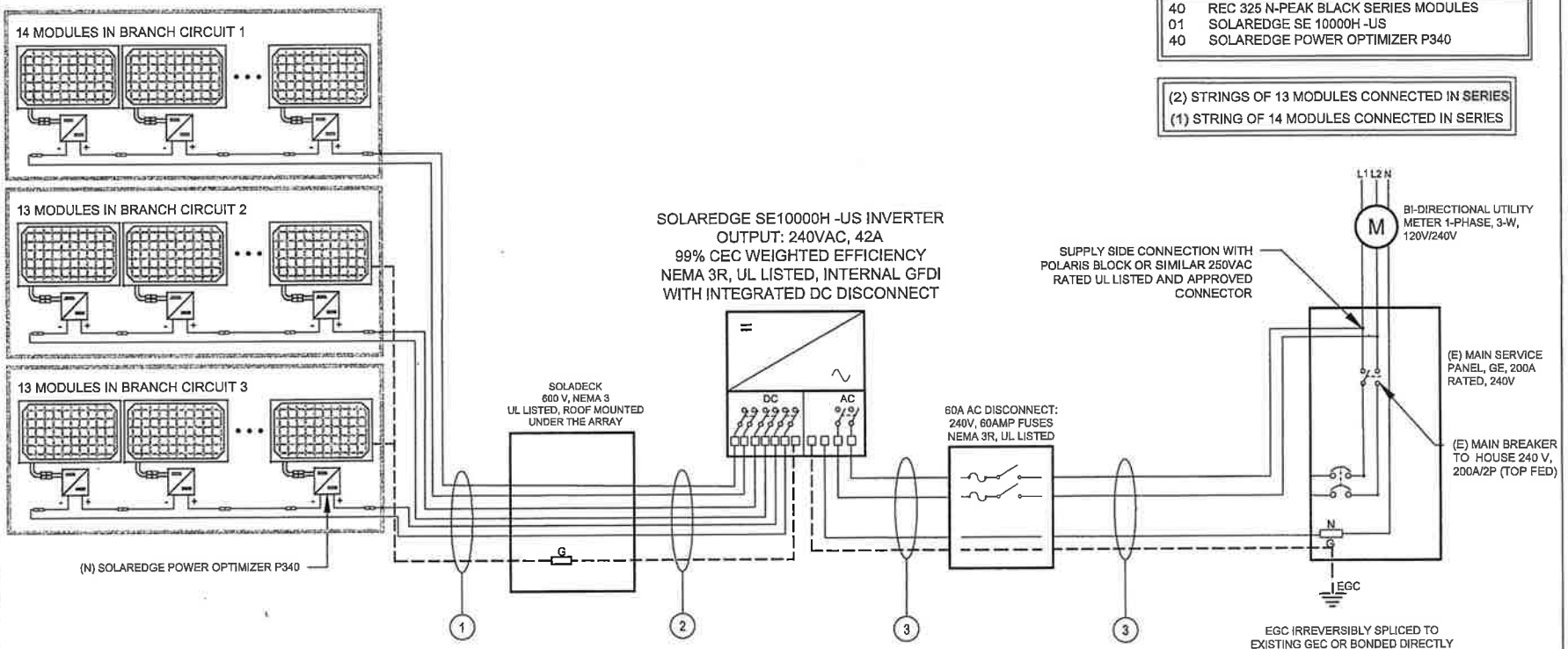
SHEET NUMBER
PV-3.1

WIRE TAG #	WIRE FROM - -	CONDUIT	WIRE QTY	WIRE GAUGE:	WIRE TYPE	TEMP RATING:	WIRE AMP	TEMP DE-RATE:	CONDUIT FILL:	WIRE OCP:	TERMINAL 75°C RATING:	STRING WATTAGE	/	OPERATING VOLTAGE	=	STRING AMPS	x	NEC: =	MAX AMPS	MAX SYSTEM VOLTAGE	GRND SIZE	GRND WIRE TYPE
1	ARRAY TO JUNCTION BOX	OPEN AIR	6	#10	ENGAGE CABLE	90°	40A x	0.96A x	0.80A	= 30.72A	35A	4550	/	400	=	11.38	x	1.25 =	14.23A	480	#10	SBC
2	JUNCTION BOX TO INVERTER	1" EMT	6	#10	THWN-2	90°	40A x	0.76A x	0.80A	= 24.32A	35A	4550	/	400	=	11.38	x	1.25 =	14.23A	480	#10	THWN-2
3	INVERTER TO MSP	1" EMT	3	#6	THWN-2	75°	65A x	0.94A x	1.0A	= 61.1A	65A		/		=	42	x	1.25 =	52.5A	240	#8	THWN-2

SYSTEM SIZE: 13.000kW DC / 10.0kW AC

40	REC 325 N-PEAK BLACK SERIES MODULES
01	SOLAREDGE SE 10000H -US
40	SOLAREDGE POWER OPTIMIZER P340

(2) STRINGS OF 13 MODULES CONNECTED IN SERIES
(1) STRING OF 14 MODULES CONNECTED IN SERIES



OPTIMIZER SPECIFICATIONS	
MANUFACTURER	SOLAREDGE P340
DC INPUT POWER	340 W
DC MAX INPUT VOLTAGE	48V
DC MAX INPUT CURRENT	13.75A
DC MAX OUTPUT CURRENT	15A
MAX INPUT VOLTAGE	480A

INVERTER CHARACTERISTICS - SOLAREDGE SE 10000H-US		
MAX OUTPUT POWER	10000	W
SYSTEM OPERATING VOLTAGE	400	V
MAX CONTINOUS OUTPUT CURRENT	42	A
MAX INPUT VOLTAGE	480	V
SYSTEM SHORT CIRCUIT CURRENT	15	A
MAX EFFICIENCY	99	%

PV MODULE RATING @ STC	
MANUFACTURER	REC 325 N-PEAK BLACK SERIES
MAX. POWER-POINT CURRENT (IMP)	9.46 AMPS
MAX. POWER-POINT VOLTAGE (VMP)	34.4 VOLTS
OPEN-CIRCUIT VOLTAGE (VOC)	40.7VOLTS
SHORT-CIRCUIT CURRENT (ISC)	10.28 AMPS
NOM. MAX. POWER AT STC (PMAX)	325 WATT
MAX. SYSTEM VOLTAGE	1000V/1500V
VOC TEMPERATURE COEFFICIENT	-0.27* %/°C

NOTE: PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN.

MODULE SPECIFICATION	
AC MAX. CONTINUOUS OUTPUT CURRENT @ 240V	42.00
AC MAX. CONTINUOUS OUTPUT POWER	325W

1 ELECTRICAL LINE DIAGRAM
PV-4 SCALE: NTS

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05761110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

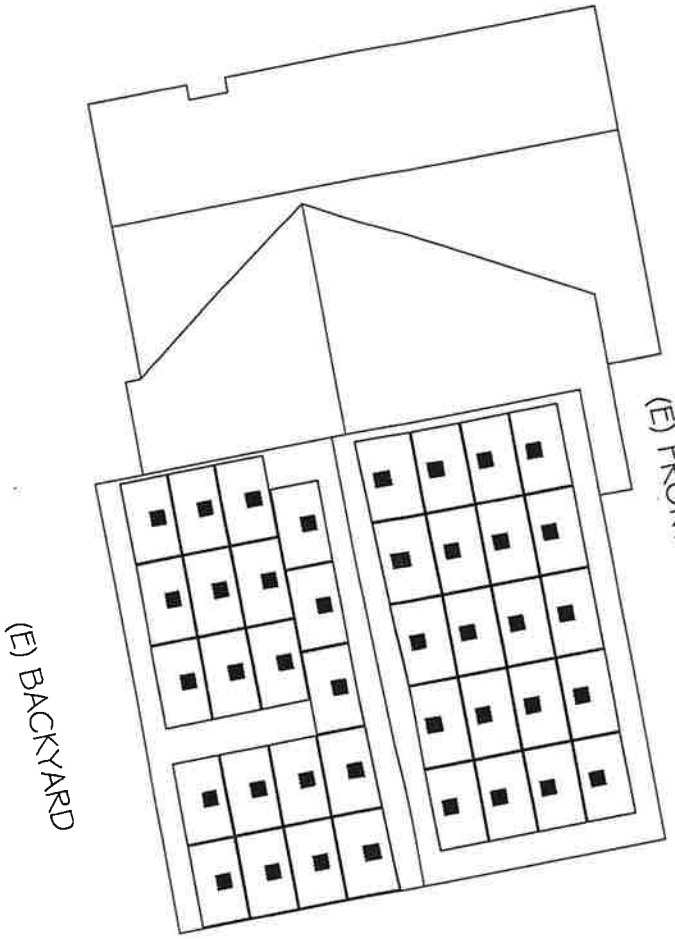
ELECTRICAL LINE DIAGRAM

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-4

SOLAREDGE OPTIMIZER CHART

	1-10	11-20	21-30	31-40	41-50	51-60
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						



SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON

5 APPLETREE LN., SEWELL, NJ 08080

SOLAREDGE OPTIMIZER CHART

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-4.1

WARNING

ELECTRICAL SHOCK HAZARD

DO NOT TOUCH TERMINALS. TERMINALS ON LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION:
INVERTER(S), AC DISCONNECT(S), AC COMBINER PANEL (IF APPLICABLE).
PER CODE(S): CEC 2019: 690.17(B).

WARNING

ELECTRICAL SHOCK HAZARD

IF GROUND FAULT IS INDICATED ALL NORMALLY GROUNDED CONDUCTORS MAY BE UNGROUNDED AND ENERGIZED

LABEL LOCATION:
INVERTER(S), ENPHASE ENVOY ENCLOSURE (IF APPLICABLE).
PER CODE(S): CEC 2019: 690.15.

WARNING

ELECTRICAL SHOCK HAZARD

THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED

LABEL LOCATION:
INVERTER(S), DC DISCONNECTS.
PER CODE(S): CEC 2019: 690.35(F).

WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID AND PV SOLAR ELECTRIC SYSTEM

LABEL LOCATION:
UTILITY SERVICE METER AND MAIN SERVICE PANEL.
PER CODE(S): NEC 2014: 705.12(D)(3), NEC 2011: 705.12(D)(4)

WARNING

INVERTER OUTPUT CONNECTION

DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL LOCATION:
ADJACENT TO PV BREAKER (IF APPLICABLE).
PER CODE(S): CEC 2019: 705.12(B).

WARNING

PHOTOVOLTAIC SYSTEM COMBINER PANEL

DO NOT ADD LOADS

LABEL LOCATION:
PHOTOVOLTAIC AC COMBINER (IF APPLICABLE).
PER CODE(S): CEC 2019: 705.12(D)(2)(3)(c).

WARNING: PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION:
INTERIOR AND EXTERIOR DC CONDUIT EVERY 10 FT, AT EACH TURN, ABOVE AND BELOW PENETRATIONS, ON EVERY JB/PULL BOX CONTAINING DC CIRCUITS.
PER CODE(S): CEC 2019: 690.13.

PHOTOVOLTAIC SYSTEM AC DISCONNECT
RATED AC OPERATING CURRENT 42 AMPS
AC NOMINAL OPERATING VOLTAGE 240 VOLTS

LABEL LOCATION:
AC DISCONNECT, POINT OF INTERCONNECTION
(PER CODE: CEC690.54)

INVERTER 1

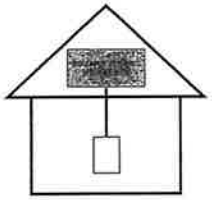
PHOTOVOLTAIC DC DISCONNECT		
RATED MAXIMUM POWER-POINT CURRENT	11.38	ADC
RATED MAXIMUM POWER-POINT VOLTAGE	400	VDC
MAXIMUM SYSTEM VOLTAGE	480	VDC
MAXIMUM SHORT CIRCUIT CURRENT	15	ADC

LABEL LOCATION:
INVERTER(S), DC DISCONNECT(S).
PER CODE(S): CEC 2019: 690.53.

NOTES AND SPECIFICATIONS:
- SIGNS AND LABELS SHALL MEET THE REQUIREMENTS OF THE CEC 2019 ARTICLE 110.21(B), UNLESS SPECIFIC INSTRUCTIONS ARE REQUIRED BY SECTION 690, OR IF REQUESTED BY THE LOCAL AHJ.
- SIGNS AND LABELS SHALL ADEQUATELY WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS AND SYMBOLS.
- LABELS SHALL BE PERMANENTLY AFFIXED TO THE EQUIPMENT OR WIRING METHOD AND SHALL NOT BE HAND WRITTEN.
- LABEL SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- SIGNS AND LABELS SHALL COMPLY WITH ANSI Z535.4-2011, PRODUCT SAFETY SIGNS AND LABELS, UNLESS OTHERWISE SPECIFIED.
- DO NOT COVER EXISTING MANUFACTURER LABELS.

SOLAR PV 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.



LABEL LOCATION:
ON OR NO MORE THAT 1 M (3 FT) FROM THE SERVICE DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED.
PER CODE(S): NEC 2017: 690.56(C)(1)(a)

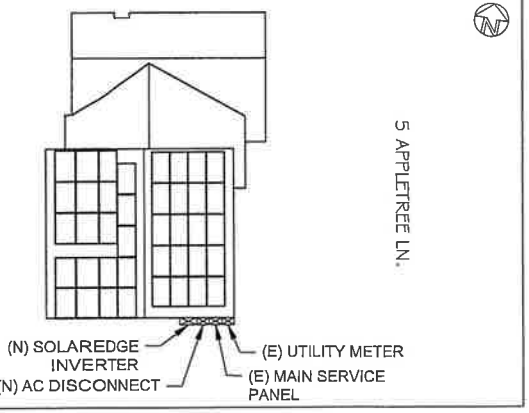
PHOTOVOLTAIC SYSTEM EQUIPPED WITH RAPID SHUTDOWN

LABEL LOCATION:
WEATHER RESISTANT MATERIAL, DURABLE PLAQUE, UL969 AS STANDARD TO WEATHER RATING (UL LISTING OF MARKINGS NOT REQUIRED), MIN ¾" LETTER HEIGHT ARIAL OR SIMILAR FONT NON-BOLD, PLACED WITHIN THE MAIN SERVICE DISCONNECT, PLACED ON THE OUTSIDE OF THE COVER WHEN DISCONNECT IS OPERABLE WITH SERVICE PANEL CLOSED. (PER CODE: CEC690.12, 690.56(C))

CAUTION

POWER TO THIS BUILDING IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH DISCONNECTS LOCATED AS SHOWN

AT: ☒ MAIN SERVICE PANEL, UTILITY METER
☒ SOLAREDGE INVERTER
AC DISCONNECT



SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH0576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

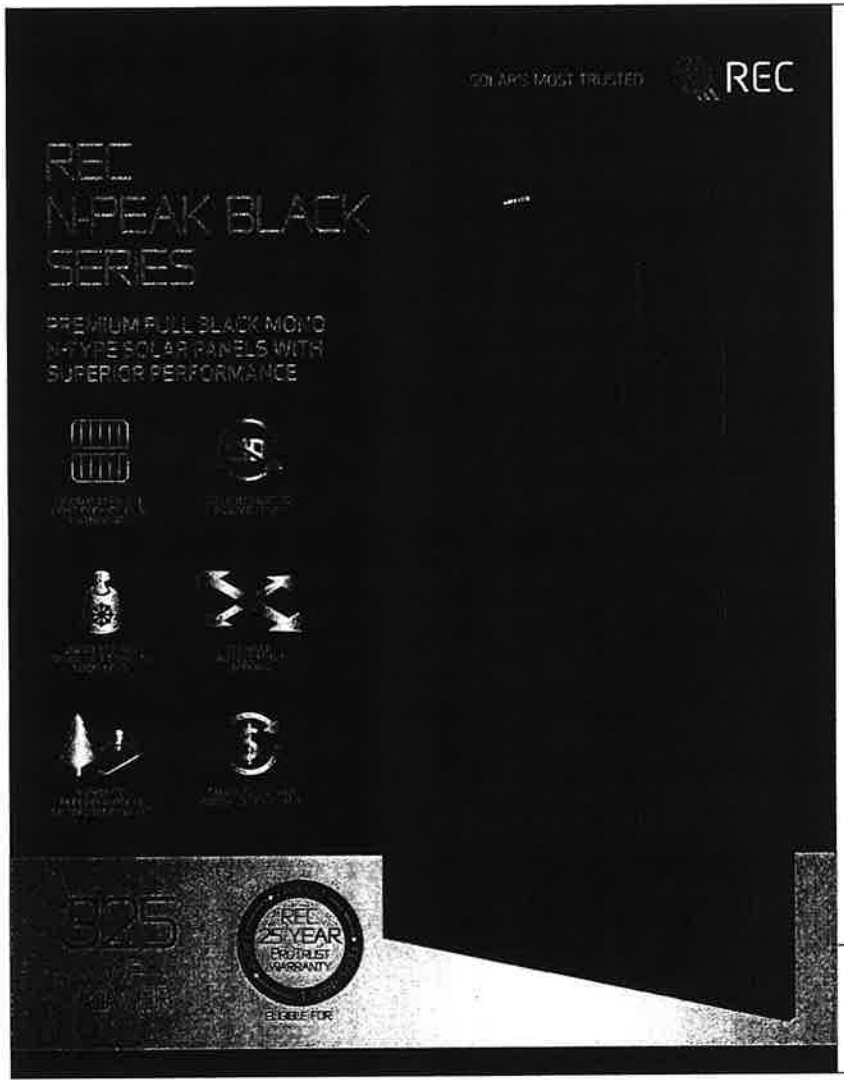
PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

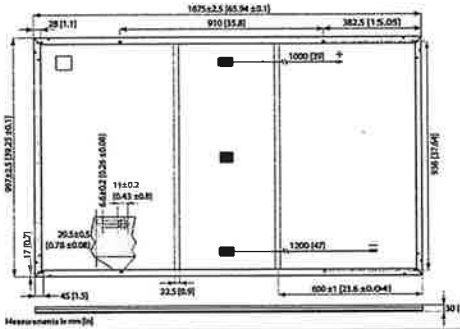
PLACARDS

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-5



REC N-PEAK BLACK SERIES



Measurements in mm [in]

Product code*: REC***NP Black					
Nominal Power - P_{nom} (Wp)	305	310	315	320	325
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V_{mpp} (V)	33.3	33.6	33.9	34.2	34.4
Nominal Power Current - I_{mpp} (A)	9.17	9.24	9.31	9.37	9.46
Open Circuit Voltage - V_{oc} (V)	39.3	39.7	40.0	40.3	40.7
Short Circuit Current - I_{sc} (A)	10.06	10.12	10.17	10.22	10.28
Panel Efficiency (%)	18.3	18.6	18.9	19.2	19.5

Values at standard test conditions (STC: air mass AM 1.5, irradiance 1000 W/m², temperature 25°C), based on a production spread with a tolerance of P_{nom}, V_{oc} & I_{sc} ±3% within one watt class. *Where xxx indicates the nominal power class (P_{nom}) at STC above.

Product code*: REC***NP Black					
Nominal Power - P_{nom} (Wp)	231	234	238	242	246
Nominal Power Voltage - V_{mpp} (V)	31.1	31.4	31.7	32.0	32.2
Nominal Power Current - I_{mpp} (A)	7.41	7.46	7.52	7.57	7.64
Open Circuit Voltage - V_{oc} (V)	36.7	37.1	37.4	37.7	38.0
Short Circuit Current - I_{sc} (A)	8.13	8.17	8.21	8.25	8.30

Nominal operating cell temperature (NOCT: air mass AM 1.5, irradiance 800 W/m², temperature 20°C, windspeed 1 m/s). *Where xxx indicates the nominal power class (P_{nom}) at STC above.

UL 1703 | Fire Type 2, IEC 61215, IEC 61730 & UL 1703, UL 61730, MCS 005, IEC 62804, IEC 61701, IEC 62716, IEC 62782
ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007

	Standard	REC ProTrust	
Installed by an REC Certified Solar Professional	No	Yes	Yes
System Size	Any	<25 kW	25-500 kW
Product Warranty (yrs)	20	25	25
Power Warranty (yrs)	25	25	25
Labor Warranty (yrs)	0	25	10
Power in Year 1	98%	98%	98%
Annual Degradation	0.5%	0.5%	0.5%
Power in Year 25	86%	86%	86%

See warranty documents for details. Some conditions apply.

120 half-cut n-type mono c-Si cells
6 strings of 20 cells in series
0.13" (3.2 mm) solar glass with anti-reflection surface treatment
Highly reflective and resistant polymeric construction (black)
Anodized aluminum (black)
3-part, 3 bypass diodes, IP67 rated
In accordance with IEC 62790
4 mm² (4 mm²) PV wire, 39 + 47" (1 m + 1.2 m)
In accordance with EN 50618
MC4 PV-KBT4/KST4, 12 AWG (4 mm²)
In accordance with IEC 62852
IP68 only when connected
Made in Singapore

39.25 x 1.1" (1675 x 997 x 30 mm)
17.98 ft² (1.67 m²)
39.7 lbs (18 kg)

-40 ... +85°C
1000 V
4666 Pa (97.5 lbs/ft²)
7000 Pa (146 lbs/ft²)
2666 Pa (55.7 lbs/ft²)
4000 Pa (83.5 lbs/ft²)
20 A
20 A
Calculated using a safety factor of 1.5
See installation manual for mounting instructions

Temperature: 44°C (± 2°C)
-0.35 %/°C
-0.27 %/°C
0.04 %/°C
Temperature coefficients stated are linear values

Performance of module at STC

REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power in order to facilitate global energy transitions. Committed to quality and innovation, REC offers photovoltaic modules with leading high quality, backed by an exceptional low warranty claims rate of less than 100 ppm. Founded in Norway in 1996, REC employs 2,000 people and has an annual solar panel capacity of 1.8 GW. With over 10 GW installed worldwide, REC is empowering more than 16 million people with clean solar energy. REC Group is a Bluestar Elkem company with headquarters in Norway, operational headquarters in Singapore, and regional bases in North America, Europe, and Asia-Pacific.

REC
www.recgroup.com

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05761 10
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON

5 APPLETREE LN., SEWELL, NJ 08080

EQUIPMENT SPECIFICATION

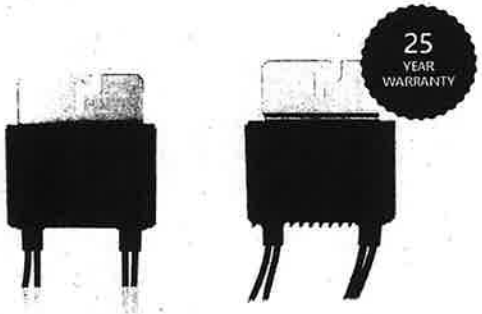
SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-6

Power Optimizer

For North America

P320 / P340 / P370 / P400 / P401 / P405 / P485 / 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 / P401 / P405 / P485 / 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)	P401 (for high power 60 and 72 cell modules)	P405 (for high voltage modules)	P485 (for high voltage modules)	P505 (for higher current modules)	
INPUT									
Rated Input DC Power[1]	320	340	370	400		405	485	505	W
Absolute Maximum Input Voltage (Voc at lowest temperature)	48		60	80	60	125[2]		83[2]	Vdc
MPPT Operating Range	8 - 48		8 - 60	8 - 80	8-60	12.5 - 105		12.5 - 83	Vdc
Maximum Short Circuit Current (Isc)	11			10.1	11.75	11		14	Adc
Maximum DC Input Current	13.75			12.5	14.65	12.5		17.5	Adc
Maximum Efficiency	99.5								%
Weighted Efficiency	98.8							98.6	%
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 Part15 Class B, IEC61000-6-2, IEC61000-6-3								
Safety	IEC62109-1 (class II safety), UL1741								
Material	UL94 V-0, UV Resistant								
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)	129 x 153 x 27.5 / 5.1 x 6 x 1.1		129 x 153 x 33.5 / 5.1 x 6 x 1.3	129 x 153 x 29.5 /5.1 x 6 x 1.16	129 x 159 x 49.5 / 5.1 x 6.3 x 1.9			129 x 162 x 59 / 5.1 x 6.4 x 2.3	mm / in
Weight (including cables)	630 / 1.4		750 / 1.7	655 / 1.5	845 / 1.9			1064 / 2.3	gr / lb
Input Connector	MC4[3]						Single or dual MC4[3][4]	MC4[3]	
Input Wire Length	0.16 / 0.52								m / ft
Output Wire Type / Connector	Double Insulated / MC4								
Output Wire Length	0.9 / 2.95		1.2 / 3.9						m / ft
Operating Temperature Range[5]	-40 - +85 / -40 - +185								°C / °F
Protection Rating	IP68 / NEMA6P								
Relative Humidity	0 - 100								%

(1) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed
(2) NEC 2017 requires max input voltage be not more than 80V
(3) For other connector types please contact SolarEdge
(4) For dual version for parallel connection of two modules use P485-4NMDMRM. In the case of an odd number of PV modules in one string, installing one P485 dual version power optimizer connected to one PV module. When connecting a single module out the unused input connectors with the supplied pair of seals.
(5) For ambient temperature above +85°C / +185°F power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for more details.

PV System Design Using a SolarEdge Inverter		Single Phase HD-Wave	Single phase	Three Phase for 208V grid	Three Phase for 277/480V grid	
Minimum String Length (Power Optimizers)	P320, P340, P370, P400, P401	8		10	18	
	P405, P485, P505	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[7][8]	W
Parallel Strings of Different Lengths or Orientations		Yes				

(6) For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_na.pdf
(7) It is not allowed to mix P405/P485/P505 with P320/P340/P370/P400/P401 in one string
(8) A string with more than 30 optimizers does not meet NEC rapid shutdown requirements; safety voltage will be above the 30V requirement
(9) For 208V grid: it is allowed to install up to 6,500W per string when the maximum power difference between each string is 1,000W
(10) For 277/480V grid: it is allowed to install up to 15,000W per string when the maximum power difference between each string is 2,000W

© SolarEdge Technologies Ltd. All rights reserved. SOLAREDGE, the SolarEdge logo, OPTIMIZED BY SOLAREDGE are trademarks or registered trademarks of SolarEdge Technologies, Inc. All other trademarks mentioned herein are trademarks of their respective owners. Date: 04/2020/V02/ENG NAM. Subject to change without notice.

Intertek RoHS

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

EQUIPMENT SPECIFICATION

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-7

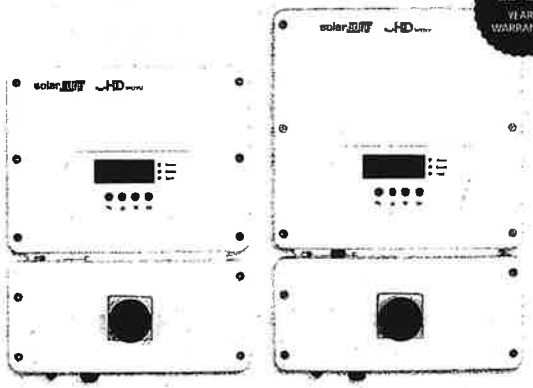
Single Phase Inverter with HD-Wave Technology

for North America

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

12-25 YEAR WARRANTY

INVERTERS



Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking efficiency
- 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
- Extremely small
- Built-in module-level monitoring
- Outdoor and indoor installation
- Optional: Revenue grade data, ANSI C12.20 Class 0.5 (0.5% accuracy)

solaredge.com

solaredge

Single Phase Inverter with HD-Wave Technology for North America

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

	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	
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
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	600kΩ Sensitivity							
Maximum Inverter Efficiency	99	99.2						%
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%
Nighttime Power Consumption	< 2.5							W
ADDITIONAL FEATURES								
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), Cellular (optional)							
Revenue Grade Data, ANSI C12.20	Optional[3]							
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 T.I.L. M-07							
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (HI)							
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		in / mm
Weight with Safety Switch	22 / 10		25.1 / 11.4		26.2 / 11.9	38.8 / 17.6		lb / kg
Noise	< 25					<50		dBA
Cooling	Natural Convection							
Operating Temperature Range	-13 to +140 / -25 to +60* (-40°F / -40°C option)[4]							°F / °C
Protection Rating	NEMA 4X (inverter with Safety Switch)							

* For other regional settings please contact SolarEdge support
** A higher current source may be used; the inverter will limit its input current to the values stated
*** Revenue grade inverter P/N: SExxxxH-US000NNC2
**** For power de-rating information refer to: https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf
***** -40 version P/N: SExxxxH-US000NNU4

© SolarEdge Technologies, Inc. All rights reserved. SOLAREDGE, the SolarEdge logo, OPTIMIZED BY SOLAREDGE are trademarks or registered trademarks of SolarEdge Technologies, Inc. All other trademarks mentioned herein are trademarks of their respective owners. Date: 02/2018/V01/ENG NAM. Subject to change without notice.

RoHS

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05776110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

EQUIPMENT SPECIFICATION

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-8

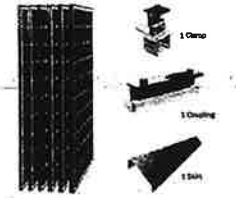
EcoX UNIVERSAL

Simple Rail-Less Racking for Any Module

No. 1 Universal Rail-Less System

Skip the Rails.
Go from One Installation a Day to Two.
EcoX Universal delivers a faster, safer, and better installation process at a lower cost per watt. Project speed is accelerated with 33% fewer attachments and the elimination of rough inspections. Simple, one-size, preassembled core components fit every module thickness, enabling any module to be installed on every roof.

The Only One-Size-Fits-All Solution



Install Any Module with One Size for Each Core Component

Eliminate multiple SKUs with EcoX Universal's one-size-fits-all core components and install modules from 32 to 46in without jobsite interruptions. End the headache of excessive inventory caused by solar mounting that requires different components for every module thickness.

Reduce Attachments by 33%

Get the cost-saving advantage of fewer parts and no rails. Spend less storing, transporting and installing. Use in landscape or portrait with no extra components.

Shorten Permitting Process with Extensive UL2703 Certifications

As panel supply fluctuates, responsive panel certification is increasingly important. As a certified testing partner lab of TÜV Rheinland Group, our list of UL 2703 certified panels is extensive and growing. Your inspection process will go smoothly and quickly.

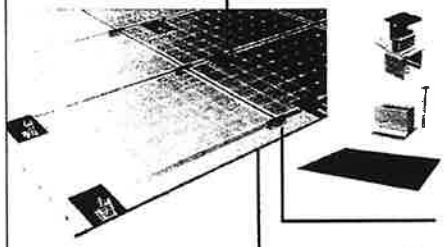
EcolibriumSolar

Contact: 740.249.1877 | sales@ecolibriumsolar.com | www.ecolibriumsolar.com

The Power of EcoX Universal

6 Simple Parts. Unsurpassed Speed. Beautiful Results.

EcoX Universal includes Core Components that fit any module thickness – Base, Flashing, Coupling, Clamp and Skirt. Only the small, inexpensive Skirt Spacer is specific to module thickness. Design couldn't be easier. Simply design your array in EcoX Estimator and the number of components for your specific project are calculated for you.



Easily Secure to Any Roof

Universal Clamp
One size, preassembled. Secures panels to Base and provides integrated bonding with row-to-row bonding clips.

Base with Lag

Flashing
Composition shown. Attachments available for all roof types.

Join Panels without Cumbersome Rails

Coupling
One size, preassembled coupling joins panels, creating continuous structure and integrated bonding.

Get the Clean Finish Homeowners Want

Skirt
One size fits all. Covers downhill edge of array, creating clean look.

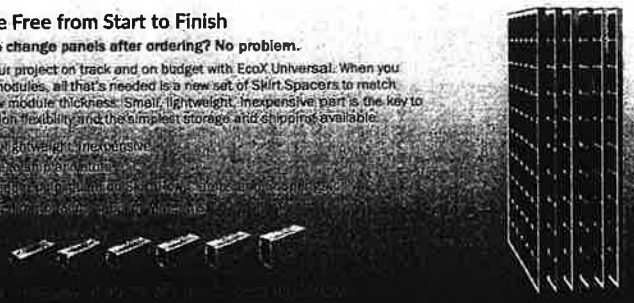
Skirt Spacer
Used on the Skirt Row only, enables single-size Skirt to fit all modules by adjusting Clamp and Coupling height to match module thickness.

Hassle Free from Start to Finish

Need to change panels after ordering? No problem.

Keep your project on track and on budget with EcoX Universal. When you switch modules, all that's needed is a new set of Skirt Spacers to match your new module thickness. Small, lightweight, inexpensive part is the key to installation flexibility and the simplest storage and shipping available.

- Small, lightweight, inexpensive
- Simple to ship and handle



Contact: 740.249.1877 | sales@ecolibriumsolar.com | www.ecolibriumsolar.com

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH05776110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

EQUIPMENT SPECIFICATION

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-9

Design Your Array
As Easy as 1, 2, 3

1. Layout Your Array & Get an Estimate in a Few Clicks with EcoX Estimator

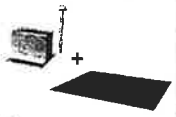
Define Site Parameters
Enter project address and EcoX Estimator instantly evaluates site conditions and calculates design loads.

2. EcoX Estimator Selects Base & Attachment to Suit Your Roof Type

EcoX Universal provides attachments for common roof types and is compatible with most third-party attachments. Contact us for your specific roof type.

Composition

Use Comp Shingle Base and Flashing.



Tile

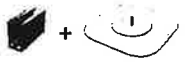
Use 9" Base and EcoX Tile Hook. Optional Flashing reduces grinding.

Metal

Use 5" Base and specific metal mount for your metal roof type.

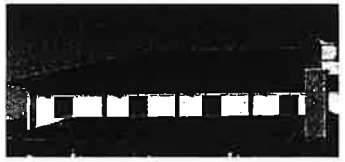
Low Slope

Use 5" Base and Flat Roof Mount or other low-slope attachments.



3. Get Bill of Materials & Permit Package

BOM includes Universal Clamp, Coupling and Skirt, Skirt Spacer, Attachment, and the optional components you select.



Installer's System of Choice

Over 500MW Installed

- Install panels with one person using patented Clamp and Coupling Hold-Open
- Eliminate cumbersome rails and rough inspections
- Pass plan review and inspection first time with complete permitting package
- Overcome hurdles with [illegible]

Contact: 740.249.1877 | sales@ecolibriumsolar.com

www.ecolibriumsolar.com

Get Everything You Need
To Save the Day

Options to Keep Your Job Running Smoothly

Get Best-of-Class Wire Management

Power Accessory Bracket
Easily attach micro-inverters and power optimizers to module frame.

PV Cable Clips
All clips aren't created equal. These easy-to-use clips hold 1–4 PV cables and quickly snap onto module frame or racking.

Master Any Roof with Installer-Centric Solutions

When you're on the roof, stuff happens. We've been there, so we offer purpose-built and best-in-class options for everything you need, whatever the roof throws at you.

Deck Mount Hardware Kit
Attach EcoX Comp Shingle Base to roof decking. Perfect for TJI and flat rafters, odd framing, SIPS, lookouts, eaves, and to fix excessive cantilever.

North Row Extension
Properly flash and reach peak of roof. Extends clamp location as much as 10" from leg.

Get Power Off the Roof with Ease

Junction Box Bracket
Mount junction box to EcoX Universal Base with ease.

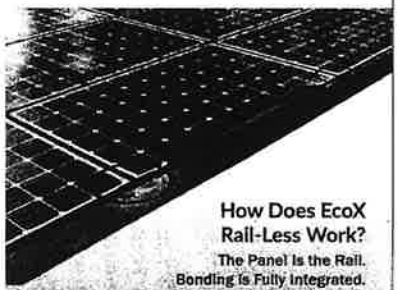
Base Conduit Mount
Supports conduit within an array. Mounts to EcoX Universal Base.

Flash Conduit Mount
Supports conduit outside of an array. Used with EcoX Universal Comp Shingle Flashing.

Don't Install Without It!

In the competitive business of solar energy, you need every advantage. That's why you should use EcoX Universal on every project. Call, email or log on to EcoX Estimator today.

Contact: 740.249.1877 | sales@ecolibriumsolar.com



How Does EcoX Rail-Less Work?

The Panel Is the Rail. Bonding Is Fully Integrated.

EcoX Universal Clamps and Couplings join panels together, creating a continuous structure and integrated electrical bond. The structural continuity [illegible] which are [illegible] grounding [illegible] array.

Technical Specifications

Materials: Aluminum & Stainless Steel
Validation: UL2703 Certified for grounding/bonding, mechanical load, Fire Class Rating A Type 1 & 2, Flashing ICC ES AC286, UL441 Rain Test
Warranty: 15 years

www.ecolibriumsolar.com

SUNNYMAC
SUNNYMAC LLC
413 8th AVE,
WILMINGTON, DE 19805
PHONE: (302) 777-5494
LIC#: 13VH0576110
DaveG@Sunnymacsolar.com
www.sunnymacsolar.com

REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal

PROJECT NAME

FRANK WASHINGTON
5 APPLETREE LN., SEWELL, NJ 08080

EQUIPMENT SPECIFICATION

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-10