

Harnett County Central Permitting
PO Box 65 Lillington, NC 27546
910-893-7525 Fax 910-893-2793 www.harnett.org/permits

* Each section below to be filled out by whomever performing work. Must be owner or licensed contractor. Address, company name & phone must match information on license.

Application for Residential Building and Trades Permit

Owner's Name: Cerald Lawrence Date: 12/27/18
 Site Address: 156 Wendy Ln. / RA-20M Phone: 919 632 6907
 Subdivision: 28 ground mounted modules, grid tied 8.54kw Lot: _____
 Description of Proposed Work: Solar installation on existing residence

General Contractor Information

Power Home Solar - Peter Denicola Telephone: 704 635 2141
 Building Contractor's Company Name
919 N. Main Street Mooreville, NC 28115 Email Address: bphifer@powerhome.com
 Address
280946 License # POG

Electrical Contractor Information

Description of Work 28 ground mounted module Service Size: 40 Amps T-Pole: Yes No
Power Home Solar - Bryan Douglas Law Telephone: 704 635 2141
 Electrical Contractor's Company Name
919 N. Main Street Mooreville, NC 28115 Email Address: bphifer@powerhome.com
 Address
28074-U License # Bryan D. Law

Mechanical/HVAC Contractor Information

Description of Work _____
 Mechanical Contractor's Company Name _____ Telephone _____
 Address _____ Email Address _____
 License # _____

Plumbing Contractor Information

Description of Work _____ # Baths _____
 Plumbing Contractor's Company Name _____ Telephone _____
 Address _____ Email Address _____
 License # _____

Insulation Contractor Information

Insulation Contractor's Company Name & Address _____ Telephone _____

***NOTE: General Contractor / owner must fill out and sign the second page of this application.**

I hereby certify that I have the authority to make necessary application, that the application is correct and that the construction will conform to the regulations in the Building, Electrical, Plumbing and Mechanical codes, and the Harnett County Zoning Ordinance. I state the information on the above contractors is correct as known to me and that **by signing below I have obtained all subcontractors permission to obtain these permits** and if **any** changes occur including listed contractors, site plan, number of bedrooms, building and trade plans, Environmental Health permit changes or proposed use changes, I certify it is my responsibility to notify the Harnett County Central Permitting Department of any and all changes.

EXPIRED PERMIT FEES - 6 Months to 2 years permit re-issue fee is \$150.00. After 2 years re-issue fee is as per current fee schedule.

Bayan D. Shaw

POG

12/27/18
Date

Signature of Owner/Contractor/Officer(s) of Corporation

Affidavit for Worker's Compensation N.C.G.S. 87-14

The undersigned applicant being the:

General Contractor Owner Officer/Agent of the Contractor or Owner

Do hereby confirm under penalties of perjury that the person(s), firm(s) or corporation(s) performing the work set forth in the permit:

- Has three (3) or more employees and has obtained workers' compensation insurance to cover them.
- Has one (1) or more subcontractors(s) and has obtained workers' compensation insurance to cover them.
- Has one (1) or more subcontractors(s) who has their own policy of workers' compensation insurance covering themselves.
- Has no more than two (2) employees and no subcontractors.

While working on the project for which this permit is sought it is understood that the Central Permitting Department issuing the permit may require certificates of coverage of worker's compensation insurance prior to issuance of the permit and at any time during the permitted work from any person, firm or corporation carrying out the work.

Sign w/Title: *POG*

Date: 12/27/18

100

James D. ...

100

PROJECT DESCRIPTION:

28 x MISSION SOLAR MSE305SQ5T MODULES
 GROUND MOUNTED SOLAR PHOTOVOLTAIC MODULES
 SYSTEM SIZE: 8.54 kW DC STC
 ARRAY AREA: ROOF #1- 500.92 SQ FT.

EQUIPMENT SUMMARY

28 MISSION SOLAR MSE305SQ5T MODULES
 28 SOLAREEDGE POWER OPTIMIZER P320
 01 SOLAREEDGE SE7600H-US INVERTER

APPLICABLE CODES & STANDARDS

BUILDING: IBC 2012 IRC 2012
 ELECTRICAL: NEC 2017

DESIGN SPECIFICATION

OCCUPANCY: II
 CONSTRUCTION: SINGLE-FAMILY
 ZONING: RESIDENTIAL
 GROUND SNOW LOAD: 20 PSF
 WIND EXPOSURE: B
 WIND SPEED: 120 MPH

AUTHORITIES HAVING JURISDICTION

BUILDING: HARNETT COUNTY
 ZONING: HARNETT COUNTY
 UTILITY: DUKE ENERGY

SITE PLAN APPROVAL

DISTRICT BA-20R USE Ground Mount

#BEDROOMS

12/19
Date

[Signature]
Zoning Administrator

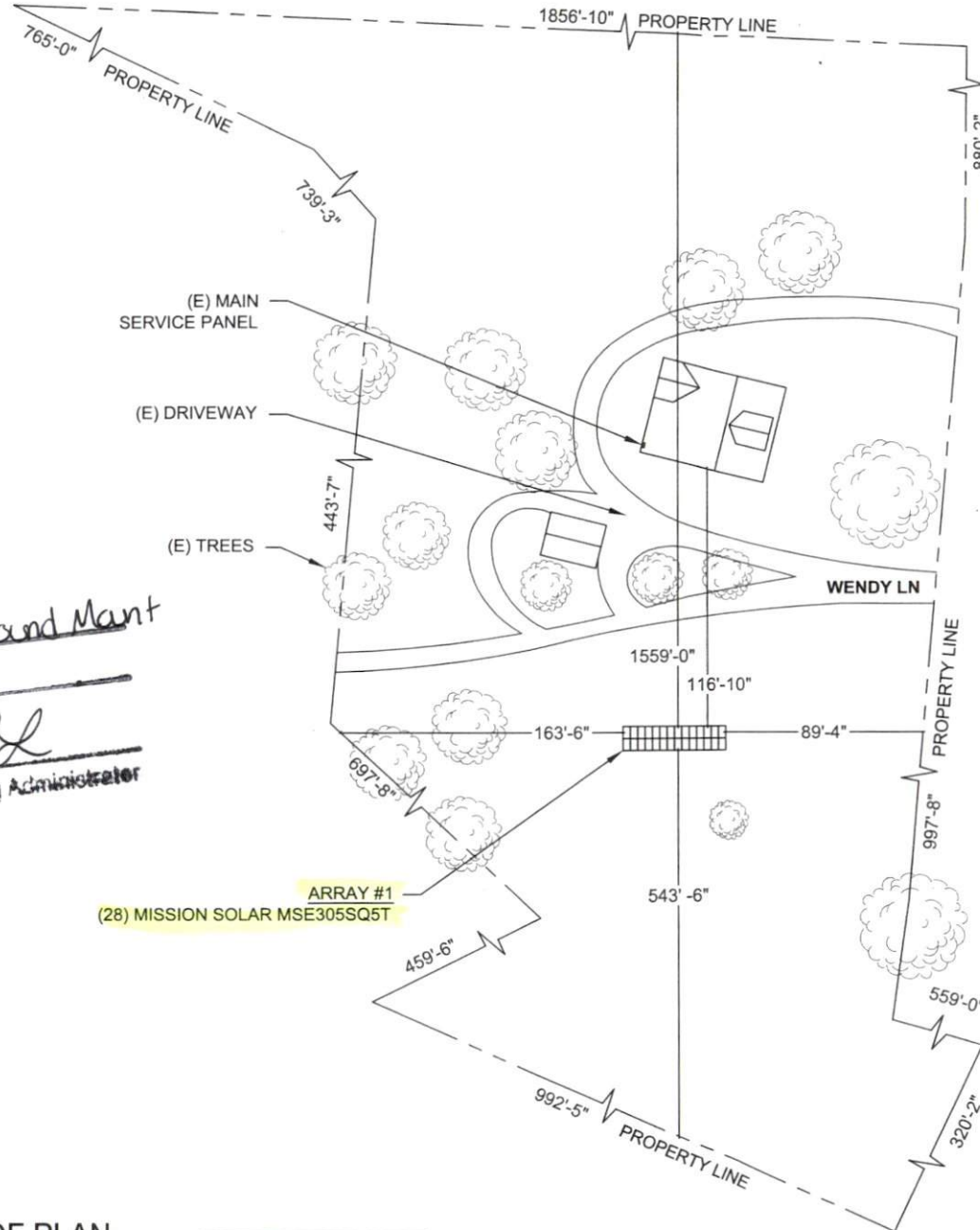


1 PLOT PLAN WITH ROOF PLAN

PV-1

SCALE: 1/64" = 1'-0"

NOTE: GROUND MOUNT LOCATION TBD ON-SITE

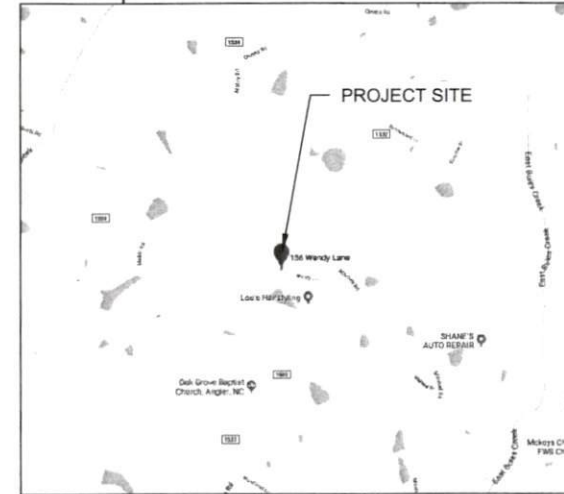


PROJECT SITE

2 HOUSE PHOTO

PV-1

SCALE: NT



3 VICINITY MAP

PV-1

SCALE: NT

SHEET INDEX

- PV-1 PLOT PLAN & VICINITY MAP
- PV-2 ROOF PLAN & MODULES
- PV-2A STRING LAYOUT
- PV-3 GROUNDING DETAILS
- PV-3A GROUNDING DETAILS
- PV-4 ELECTRICAL LINE DIAGRAM
- PV-5 WIRING CALCULATIONS
- PV-6 SOLAREEDGE OPTIMIZER CHART
- PV-7 to 10 EQUIPMENT SPECIFICATIONS



919 North Main Street • Suite 200
Mooresville, NC 28115
800-SOLAR-11 • 704-800-6239
www.powerhome.com

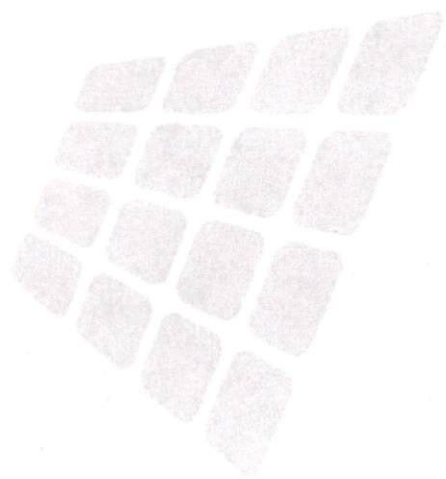
To Whom It May Concern:

Please see our package with our BUILDING & ELECTRICAL permit applications. Can you please so kindly respond with an email, advising that you have received our package to bphifer@powerhome.com

Thank you,

Our Permitting Team at Power Home Solar
Brooke Phifer

NC OFFICE: 919 N Main Street, Mooresville, NC 28115



LICENSE NUMBER
U.26074

STATE OF NORTH CAROLINA
BOARD OF EXAMINERS OF ELECTRICAL CONTRACTORS

EXPIRATION DATE
04/15/2019

THIS IS TO CERTIFY THAT:
Power Home Solar LLC

Bryan Douglas Law



is duly registered and entitled to practice Electrical Contracting in the
Unlimited Classification License
Limitation: Any project regardless of value

Power Home Solar LLC
919 N. Main Street
Mooresville, NC 28115

Witness our hands and seal of the Board

Gerald Harwell

Chairman

Jim Norman

Secretary - Treasurer

License Year

2016

License No.

60946

North Carolina

Licensing Board for General Contractors

This is to Certify That:

ResComm Development, L.L.C., T/A
Power Home Solar
Mooresville, NC

is duly registered and entitled to practice

General Contracting

Limitation: Unlimited
Classification: Building

until

December 31, 2016

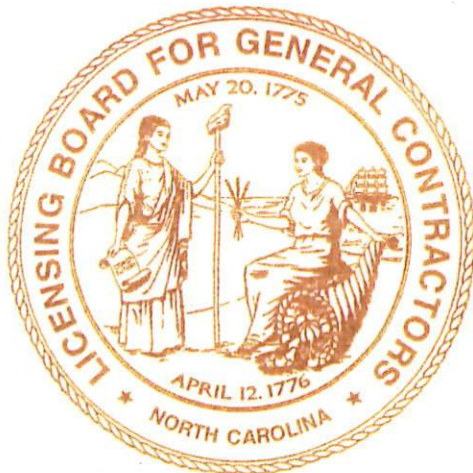
when this Certificate expires.

Witness our hands and seal of the Board.

Dated, Raleigh, N.C.

March 22, 2016

This certificate may not be altered.



Allen Mambell

Chairman

C. Frank Wiesner

Secretary-Treasurer