

Initial Application Date: 4-18-16

Application # 1650038494

CU# _____

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION
Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits

"A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION"

LANDOWNER: Kurt + Kendra Wunpegler Mailing Address: 1330 Temple Rd
City: Bunnlevel State: NC Zip: 28523 Contact No: 910-714-3535 Email: Kurt.wunpegler@gmail.com

APPLICANT: Andrea Puricell Mailing Address: 6710 Jeff Davis Hwy
City: Richmond State: VA Zip: 23237 Contact No: 804-271-7500 Email: Solarproduction2013@gmail.com
*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: _____ Phone # _____

PROPERTY LOCATION: Subdivision: E-141A Lot #: _____ Lot Size: 19.23

State Road # 1330 State Road Name: Temple Road Map Book & Page: TC# 1141A

Parcel: 12 6547 6062 02 PIN: 0547-32-0358.000

Zoning: RADEP Flood Zone: X Watershed: NA Deed Book & Page: 30261044 Power Company: South River

*New structures with Progress Energy as service provider need to supply premise number _____ from Progress Energy.

PROPOSED USE:

SFD: (Size x) # Bedrooms: _____ # Baths: _____ Basement(w/w bath): _____ Garage: _____ Deck: _____ Crawl Space: _____ Slab: _____ Monolithic Slab: _____
(Is the bonus room finished? () yes () no w/ a closet? () yes () no (If yes add in with # bedrooms)

Mod: (Size x) # Bedrooms _____ # Baths _____ Basement (w/w bath) _____ Garage: _____ Site Built Deck: _____ On Frame _____ Off Frame _____
(Is the second floor finished? () yes () no Any other site built additions? () yes () no

Manufactured Home: _____ SW _____ DW _____ TW (Size x) # Bedrooms: _____ Garage: _____ (site built?) Deck: _____ (site built?)

Duplex: (Size x) No. Buildings: _____ No. Bedrooms Per Unit: _____

Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____

Addition/Accessory/Other: (Size 20 x 12) Use: Solar Panel System Closets in addition? () yes () no

Water Supply: County _____ Existing Well _____ New Well (# of dwellings using well _____) *Must have operable water before final

Sewage Supply: _____ New Septic Tank (Complete Checklist) Existing Septic Tank (Complete Checklist) _____ County Sewer

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes no

Does the property contain any easements whether underground or overhead () yes no

Structures (existing or proposed): Single family dwellings: X next SFD Manufactured Homes: _____ Other (specify): 1 proposed solar panel system
Comments: Pole Mount Solar Array to be installed

Required Residential Property Line Setbacks:

Front Minimum _____ Actual 35ft

Rear _____ 25ft

Closest Side _____ 10ft

Sidestreet/corner lot _____

Nearest Building on same lot _____ 80 from house

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: _____

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

Bullseye Perry

Signature of Owner or Owner's Agent

4/12/16

Date

It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.

***This application expires 6 months from the initial date if permits have not been issued**



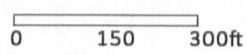
Harnett County Parcel Viewer

Harnett GIS



*Septic is
220 ft from
pole mount
solar panels*

SITE PLAN APPROVAL Solar Panel
 DISTRICT RAZER USE Panel
 #BEDROOMS _____
 Date 4-18-16 _____
 Zoning Administrator _____



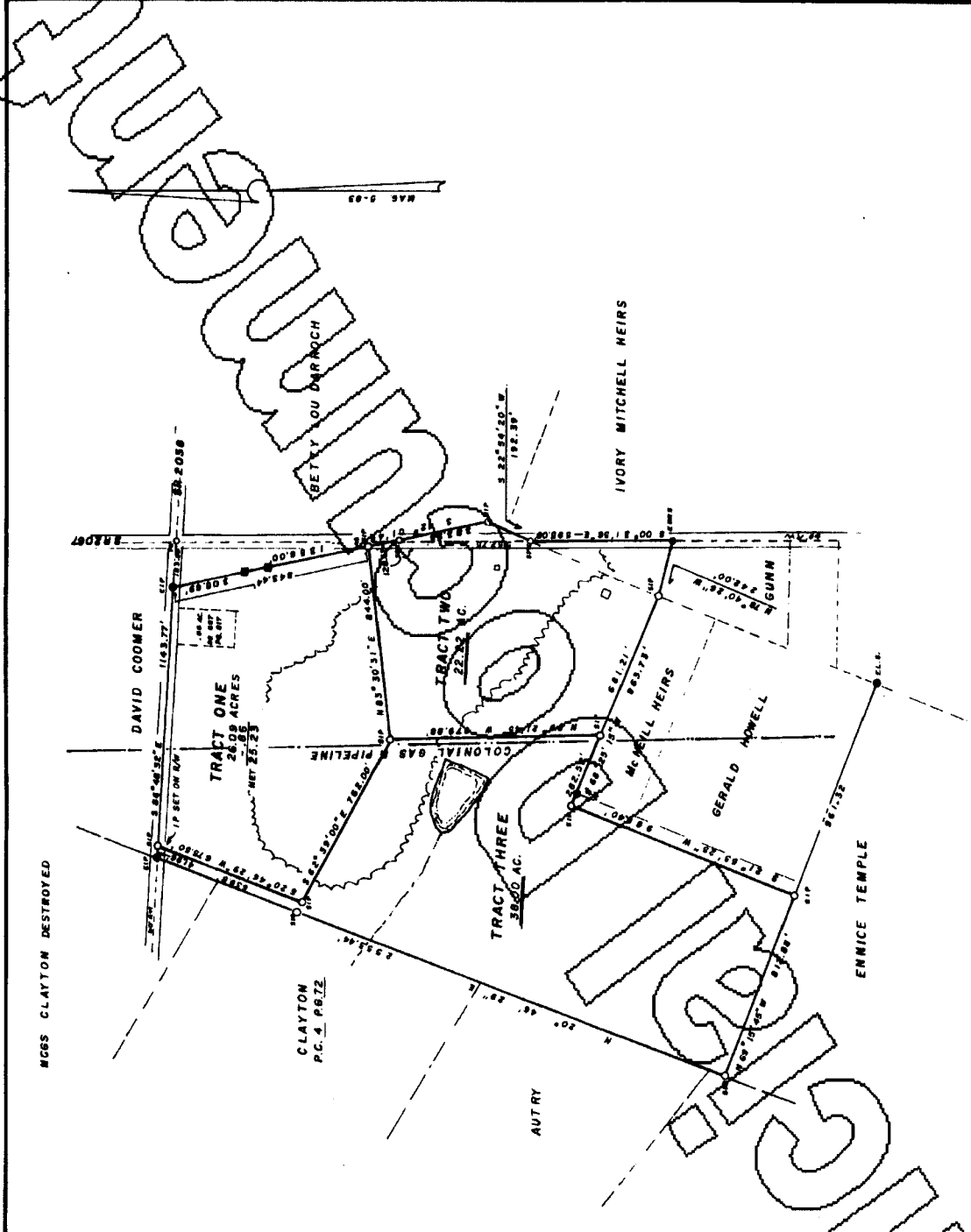
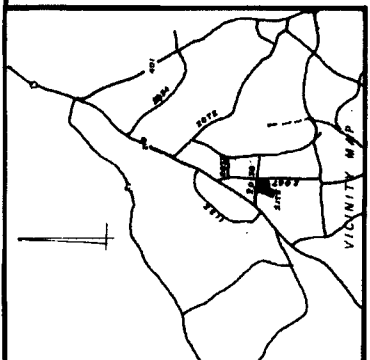
35.325 -78.853 Degrees



Approximately
80'
from the
house

PC#E Slide 141-A

PC#E Slide 141-A



NORTH CAROLINA
HARNETT COUNTY
GARY E. STREGE
Surveyor
I, Gary E. Strage, do hereby certify that I am the duly qualified Surveyor for Harnett County, North Carolina, and that I have personally examined the above described plat and find it to conform to the provisions of the laws of North Carolina relating to the surveying profession, and that I have not observed any error or mistake in the same.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, AT WELLSVILLE, NORTH CAROLINA, THIS 17th DAY OF DECEMBER, 1991.

Approved By: *Gary E. Strage*
L-1322

NORTH CAROLINA
HARNETT COUNTY
BENJAMIN P. COATS
Surveyor
I, Benjamin P. Coats, do hereby certify that I am the duly qualified Surveyor for Harnett County, North Carolina, and that I have personally examined the above described plat and find it to conform to the provisions of the laws of North Carolina relating to the surveying profession, and that I have not observed any error or mistake in the same.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, AT WELLSVILLE, NORTH CAROLINA, THIS 17th DAY OF DECEMBER, 1991.

Approved By: *Benjamin P. Coats*
L-1322

NORTH CAROLINA
HARNETT COUNTY
DANIEL P. McNEEL
Surveyor
I, Daniel P. McNeel, do hereby certify that I am the duly qualified Surveyor for Harnett County, North Carolina, and that I have personally examined the above described plat and find it to conform to the provisions of the laws of North Carolina relating to the surveying profession, and that I have not observed any error or mistake in the same.
GIVEN UNDER MY HAND AND SEAL OF OFFICE, AT WELLSVILLE, NORTH CAROLINA, THIS 17th DAY OF DECEMBER, 1991.

Approved By: *Daniel P. McNeel*
L-1322

REVISIONS
7-17-1991

SCALE
1" = 150'

TOWNSHIP: STEWARTS CREEK COUNTY: HARNETT
STATE: NORTH CAROLINA
ZONED - RA-30 TAX # 00120050700

PROPERTY OF	EDWIN McDONALD HEIRS
COMPANY	ARTIS P SPENCE RLS 1322 ROUTE TWO, BOX 502 LITTLETON, N.C. 27846
DATE: NOV. 20, '90	SURVEYED BY: JRR
FIELD BOOK	20
SCALE: 1" = 300'	DRAWN BY: JRR
CHECKED & CLOSURE BY: JR	DRAWINGS NO.

PC#E Slide 141-A

SOLARTYME
 "The Dollars and Sense of Solar"

Written Agreement

THIS AGREEMENT, made this 31 day of MARCH 20 16, by and between KURT & KENDRA WINPEGLER, hereinafter referred to as OWNERS/OWNER, and SOLARTYME, hereinafter referred to as CONTRACTOR, whose address is 4553 Technology Drive, Unit 7, Wilmington, NC 28405, telephone (910) 782-2500. The undersigned CONTRACTOR agrees to furnish all materials and labor for the work specified below on the OWNERS'/OWNER'S premises located at 1330 TEMPLE RD BUNN LEVEL NC 28323.
 Home Phone: 910 814-3535 Work Phone: _____ Cell Phone: 910-237-3873
 Email Address: KURT.WINPEGLER@GMAIL.COM Other: _____

JOB TYPE:	ROOF MOUNT <input checked="" type="checkbox"/>	GROUND MOUNT	<input type="checkbox"/>
SYSTEM TYPE:	3 KW <input checked="" type="checkbox"/>	6 KW	<input type="checkbox"/> 9 KW <input type="checkbox"/>
COLOR:	BLACK <input checked="" type="checkbox"/>	SILVER	<input type="checkbox"/>
STYLE OF HOME:	1 STORY <input checked="" type="checkbox"/>	2 STORY	<input type="checkbox"/> 3 STORY <input type="checkbox"/>
LOCATION OF SYSTEM TO PANEL BOX (# OF FEET):	<u>POLE MOUNT</u>		
SERVICE (200 AMP):	YES <input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
ROOF PITCH:	WALKABLE <input checked="" type="checkbox"/>	STEEP	<input type="checkbox"/>
ROOF MATERIAL:	METAL <input type="checkbox"/>	ASPHALT	<input type="checkbox"/>

I/We give SolarTyme permission to obtain all necessary permits in HARRIOTT county. KJW (initial(s)).

Utility Information

Water: <u>COUNTY</u>	Acct#: _____
Sewer: <u>SEPTIC</u>	Acct#: _____
Electric: <u>SOUTH RIVER</u>	Acct#: <u>252846</u>

Special Instructions
3KW SOLAR PACKAGE WITH USA MONO BLACK PANEL WITH MICRO INVERTERS & MONITORING SYSTEM (See Addendum)

CONTRACTOR is not responsible for conditions or circumstances beyond its control. Delays caused by such events do not constitute abandonment and are not included in calculating time frames for payment or performance.



Legal Description:

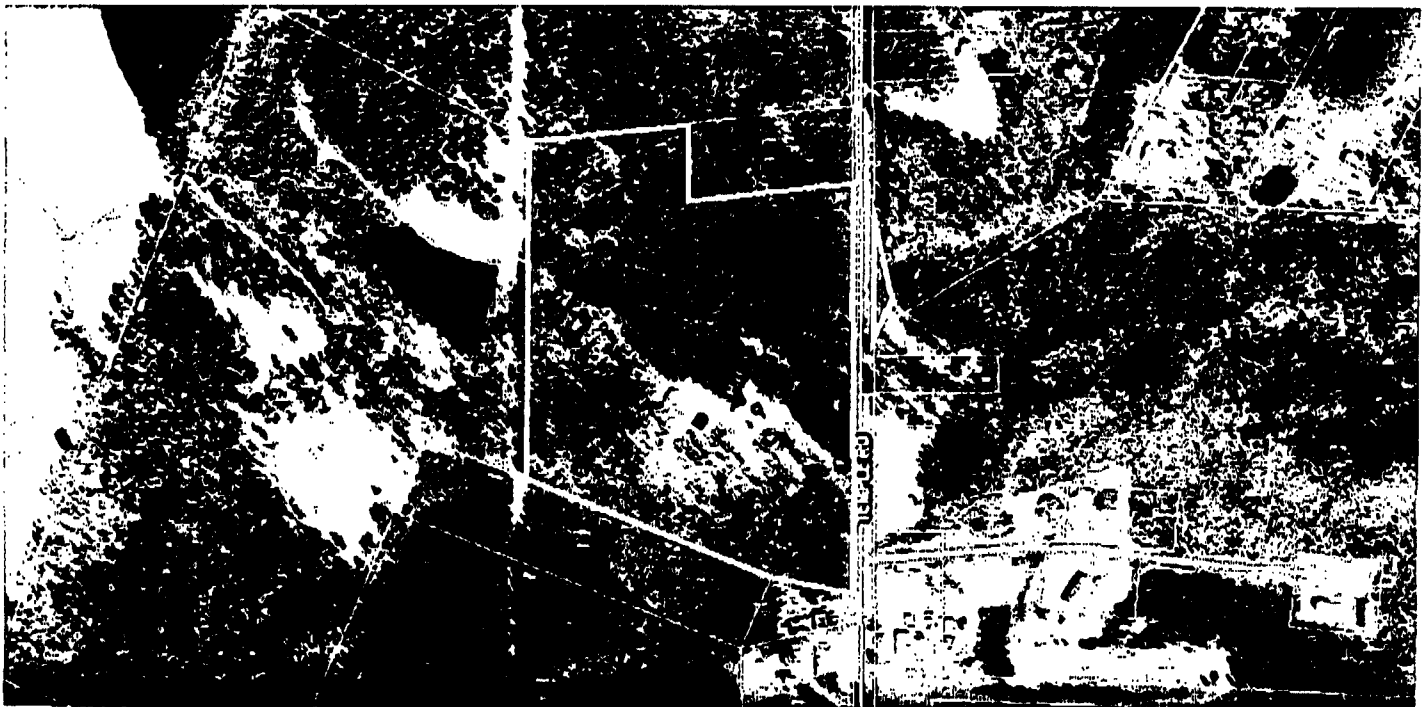
TR#2 EDWIN McDONALD HEIRSPCWE/141-A

Harnett County GIS

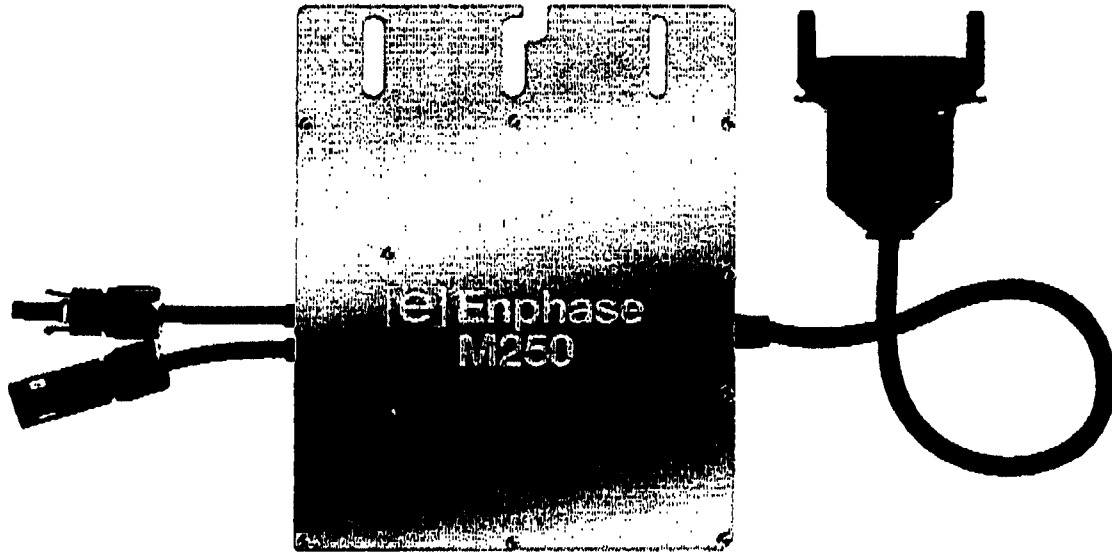
PID: 120547 0062 02
 PIN: 0547-32-0350.000
 REID: 0021080
 Subdivision: G-141A
 Deeded Acreage: 20.22 ac
 Total Acreage: 19.23 ac
 Account Number: 1500006096
 Name 1: WINPEGLER KURT R
 Name 2: WINPEGLER KENDRA
 Owner Address 1: 1330 TEMPLE RD
 Owner Address 2:
 Owner Address 3:
 City, State, Zip: BUNNLEVEL, NC, 28323-8400
 Building Count: 1
 Township Code: 12
 Fire Code: FR10
 Property Address: 1330 TEMPLE RD
 Parcel Building Value: \$51110
 Parcel Outbuilding Value : \$400
 Parcel Land Value : \$72350
 Parcel Special Land Value : \$0
 Total Value : \$123860
 Parcel Deferred Value : \$0
 Total Assessed Value : \$123860
 Legal Land Units , Unit Type : 20.22, AC

Tax Data Last Modified:
 Calculated Land Units / Type: 0 ac
 Neighborhood: 01200
 Actual Year Built: 1918
 Total Actual Area Heated: 1201 Sq/Ft
 Sale Month and Year: 8 / 2012
 Sale Price: \$190000
 Deed Book & Page: 3026-0441
 Deed Date:
 Plat Book & Page: E-141A
 Instrument Type: WD
 Vacant or Improved:
 Qualified Code: Y
 Transfer or Split: T

Prior Building Value: \$20060
 Prior Outbuilding Value : \$0
 Prior Land Value : \$57000
 Prior Special Land Value : \$17700
 Prior Deferred Value : \$39210
 Prior Assessed Value : \$77000
 Prior Land Units: 22.22 ac



Enphase® M250



The Enphase[®] M250 Microinverter delivers increased energy harvest and reduces design and installation complexity with its all-AC approach. With the M250, the DC circuit is isolated and insulated from ground, so no **Ground Electrode Conductor (GEC)** is required for the microinverter. This further simplifies installation, enhances safety, and saves on labor and materials costs.

The Enphase M250 integrates seamlessly with the Engage[®] Cable, the Envoy[®] Communications Gateway[™], and Enlighten[®], Enphase's monitoring and analysis software.

PRODUCTIVE

- Optimized for higher-power modules
- Maximizes energy production
- Minimizes impact of shading, dust, and debris

SIMPLE

- No GEC needed for microinverter
- No DC design or string calculation required
- Easy installation with Engage Cable

RELIABLE

- 4th-generation product
- More than 1 million hours of testing and millions of units shipped
- Industry-leading warranty, up to 25 years

Enphase[®] M250 Microinverter // DATA

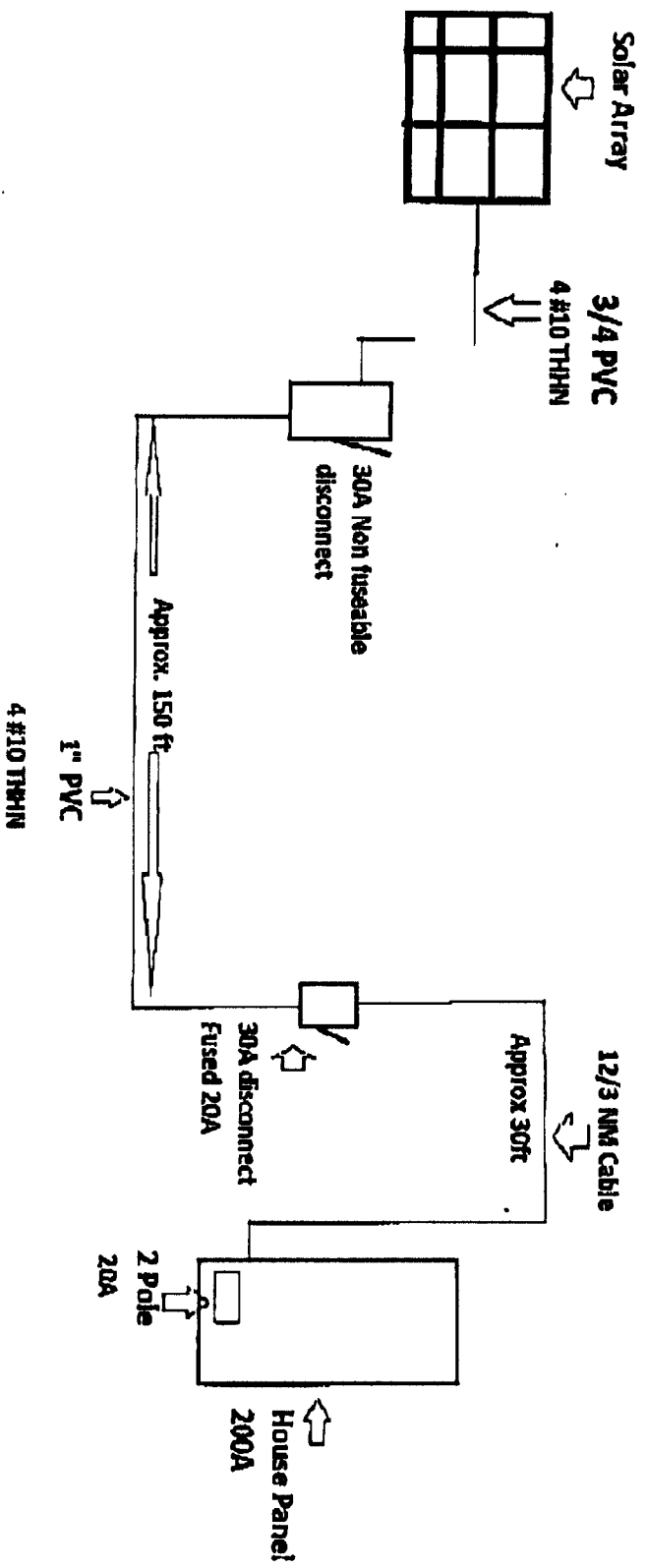
INPUT DATA (DC)	M250-60-2LL-S22, M250-60-2LL-S25	
Recommended input power (STC)	210 - 310 W	
Maximum input DC voltage	48 V	
Peak power tracking voltage	27 V - 39 V	
Operating range	18 V - 48 V	
Min/Max start voltage	22 V / 48 V	
Max DC short circuit current	15 A	
OUTPUT DATA (AC)	@208 VAC	@240 VAC
Peak output power	250 W	250 W
Rated (continuous) output power	240 W	240 W
Nominal output current	1.15 A (A rms at nominal duration)	1.0 A (A rms at nominal duration)
Nominal voltage/range	208 V / 183-229 V	240 V / 211-264 V
Nominal frequency/range	60.0 / 57-61 Hz	60.0 / 57-61 Hz
Extended frequency range*	57-62.5 Hz	57-62.5 Hz
Power factor	>0.95	>0.95
Maximum units per 20 A branch circuit	24 (three phase)	16 (single phase)
Maximum output fault current	850 mA rms for 6 cycles	850 mA rms for 6 cycles
EFFICIENCY		
CEC weighted efficiency	96.5%	
Peak inverter efficiency	96.5%	
Static MPPT efficiency (weighted, reference EN50530)	99.4 %	
Night time power consumption	85 mW max	
MECHANICAL DATA		
Ambient temperature range	-40°C to +85°C	
Dimensions (WxHxD)	171 mm x 173 mm x 30 mm (without mounting bracket)	
Weight	1.6 kg (3.4 lbs)	
Cooling	Natural convection - No fans	
Enclosure environmental rating	Outdoor - NEMA 6	
Connector type	M250-60-2LL-S22: MC4 M250-60-2LL-S25: Amphenol H4	
FEATURES		
Compatibility	Compatible with 60-cell PV modules	
Communication	Power line	
Integrated ground	The DC circuit meets the requirements for ungrounded PV arrays in NEC 690.35. Equipment ground is provided in the Engage Cable. No additional GEC or ground is required. Ground fault protection (GFP) is integrated into the microinverter.	
Monitoring	Enlighten Manager and MyEnlighten monitoring options	
Compliance	UL1741/IEEE1547, FCC Part 15 Class B, CAN/CSA-C22.2 NO. 0-M91, 0.4-04, and 107.1-01	

* Frequency ranges can be extended beyond nominal if required by the utility

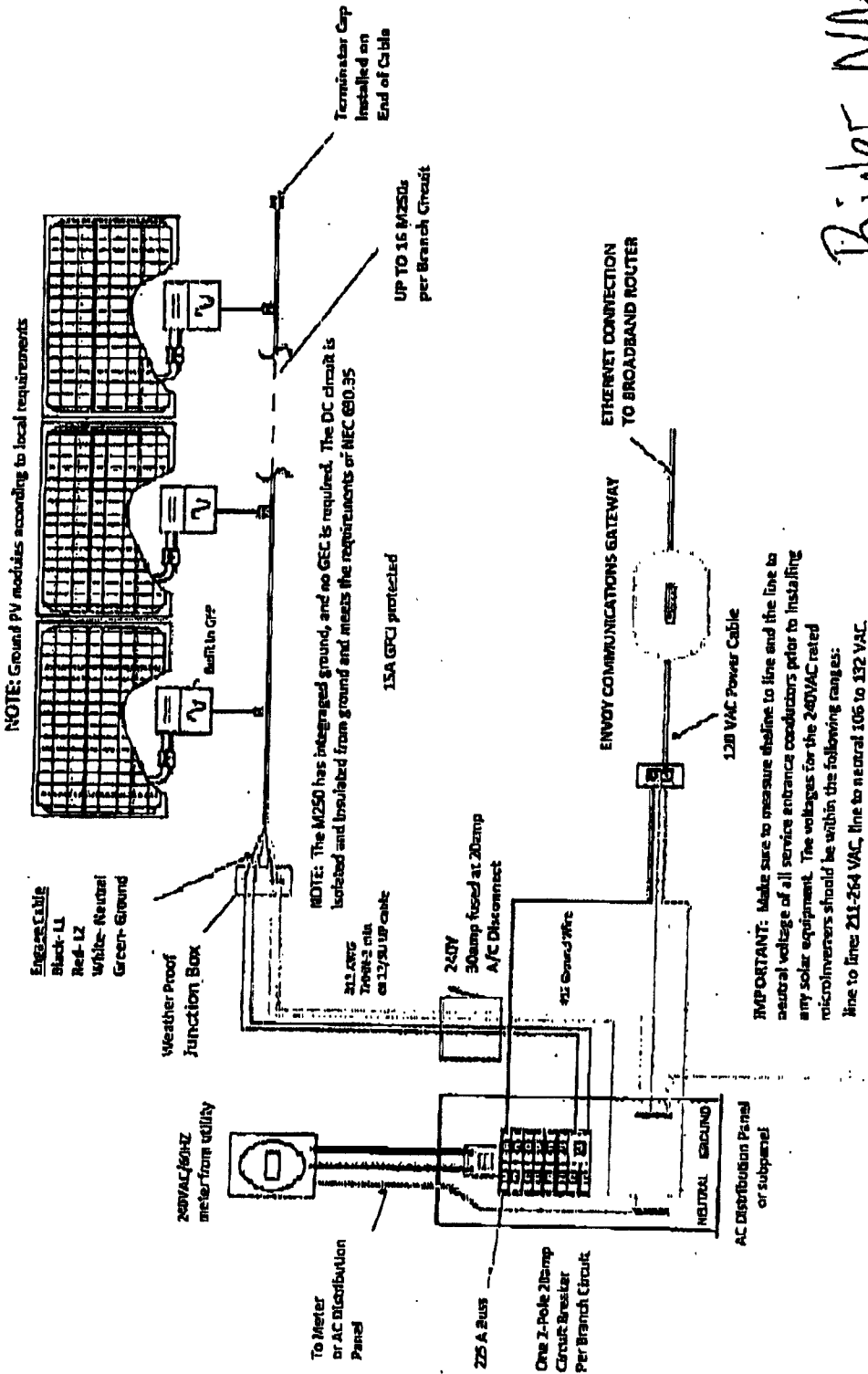
To learn more about Enphase Microinverter technology, visit enphase.com



Kurt Winpecker
1330 Temple Rd
Bunlevel, NC 28323



Solar Array 1-16 Modules



Rider NM

NAME: Kurt + Kendra Winderler
 ADDRESS: 1330 Temple Rd Bunnlevel NC 28523
 SYSTEM SIZE: 2.88 kW AC / 3.36 kW DC
 MODEL: Enphase Energy M250 (12)
 PANEL: Sunmodule SW 780 (12)

ENPHASE M250 MICROINVERTER
 FIELD WIRING DIAGRAM
 240VAC SINGLE PHASE

09/09/11

Application #

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

Application for Residential Building and Trades Permit

Owner's Name Kurt + Kendra Winpegler Date 4/12/10
Site Address 1330 Temple Rd Bunnlevel NC 28323 Phone 910-814-3535
Directions to job site from Lillington _____

Subdivision E-191A Lot _____
Description of Proposed Work install 12 solar PV panels on single # of Bedrooms
Heated SF _____ Unheated SF _____ Finished Bonus Room? pole mount Crawl Space _____ Slab _____

General Contractor Information

SolarTime
Building Contractor's Company Name
6710 Jeff Davis Hwy Richmond va
Address
73530
License #

804-271-2500
Telephone
Solarproduction2013@gmail.com
Email Address

Electrical Contractor Information

Description of Work install 12 solar PV panels on a pole mount Service Size _____ Amps T-Pole _____ Yes _____ No _____
Carolina Electrical + Mechanical
Electrical Contractor's Company Name
132 Mendenhall Dr. Wilmington NC
Address
73104-L
License #

910-471-8229
Telephone
icmco@ec.rr.com
Email Address

Mechanical/HVAC Contractor Information

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

Telephone _____
Email Address _____

Plumbing Contractor Information

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

Telephone _____
Email Address _____

Insulation Contractor Information

Insulation Contractor's Company Name & Address _____

Telephone _____

*NOTE General Contractor 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



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

4/12/16

Date

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

Company or Name _____

Sign w/Title qualified individual _____ Date 4/12/16