

Application # \_\_\_\_\_

**Harnett County Central Permitting**

PO Box 65 Lillington, NC 27546 - Ph: 910-893-7525 - Fx: 910-893-2793 - www.harnett.org/permits

**Certification of Work Performed By Owner/Contractor  
(Individual Trade Application)**

Owner (s) of Structure: Dwight Bell Phone: 9546439650

Owner (s) Mailing Address: 82 Watchman Lane  
Cameron, NC 28326

Land Owner Name (s): Dwight Bell Phone: 9546439650

Construction or Site Address: 82 Watchman Lane, Cameron, NC 28326

PIN # \_\_\_\_\_ Parcel # \_\_\_\_\_

Job Cost: 2386.25 Description of Work to be done \_\_\_\_\_  
Install 60amp circuit for Tesla EVSE on exterior vinyl siding

Mechanical: New Unit With Ductwork  New Unit Without Ductwork  Gas Piping  Other

Electrical\*: 200 Amp  <200 Amp  Service Change  Service Reconnect  Other

\* For Progress Energy customers we need the premise number

Plumbing: Water/Sewer Tap  Number of Baths  Water Heater

Specific Directions to Job from Lillington:

Head south on Main St, R onto W Old Rd, L onto NC-27W, L into Nursery Rd, R to stay on Nursery Rd, R into NC-24  
W/NC-87N, R into Centennial Pkwy/Jeanaire Dr, R onto Regimental Dr, L into Coswell Ct/Watchman Lane

Subdivision: The Manors C Lexington Lot #: 817

I Michael E Jones will provide the electrical labor on this structure.  
(Contractors Name) (Trade)

I am the building owner or my NC state license number is 10963-U, which entitles me to perform such work on the above structure legally. All work shall comply with the State Building Code and all other applicable State and local laws, ordinances and regulations.

Wiretech Company  
Contractor's Company Name  
3101-148 Stonybrook Drive, Raleigh, NC 27604  
Address  
10963-U  
License #

919-847-1617  
Telephone  
wiretechco@bellsouth.net  
Email Address

Structure Owner / Contractor Signature: M. Earl Egan Date: 5/28/2020

By signing this application you affirm that you have obtained permission from the above listed license holder to purchase permits on their behalf. If doing the work as owner you understand that you cannot rent, lease or sell the listed property for 12 months after completion of the listed work.

**\*Company name, address, & phone must match information on license**

# Estimate



Estimate # 4839

Date 3/19/2020

3101 Stony Brook Drive  
Suite 148  
Raleigh NC 27604  
919-847-1617

P.O. No.
48Amp Charge Rate

Name / Address	Ship To
Dwight Bell 82 Watchmen Lane Cameron, NC 28326, United States	Model Y Long Range(48Amp Onboard Charger) Wall Connector (60Amp) 82 Watchmen Lane Cameron, NC 28326

We Propose To Furnish & Install Electrical Work As Follows:			
WIRETECH COMPANY Provides A Five Year Warranty On This Installation			
Charge For Harnett County Electrical Permit (Calculations, Documentation, Filing, Procurement, Inspection Scheduling & Coordination)	1	225.00	225.00
Supply And Install Surface Mount Conduit On Masonry Foundation Below Vinyl Siding From 200Amp Meter Service Panel To Below TESLA Wall Connector +/-50Ft	1	250.00	250.00
Install And Configure TESLA Wall Connector 18FT Cord EVSE On Exterior Vinyl Siding Wall To Left Of Roll-Up Door	1	200.00	200.00

E-Mail	wiretechco@bellsouth.net	<b>Total</b>	<b>\$2,386.25</b>
We Accept Checks, Cash and Credit Cards			

**Residential Optional Calculation**

9/25/1997

**BELL 82 Watchmen Lane CAMERON**

by JMS 2011

Version 2011 L

**WIRETECH COMPANY**

3101 Stony Brook Drive Suite148  
Raleigh, NC 27604  
919-847-1617

3/17/2020 12:47

**STEP 1 Article 220.82 (B) (1),(2)**

2436	General Lighting load	7,308 VA
2	Small Appliance	3,000 VA
1	Laundry circuit	1,500 VA
Gen.Lgt, Sm App. & Laun. Load		11,808 VA

**STEP 2 Article 220.82 (C)**

General lighting, Sm. Appl. & Laundry **11,808 VA**

**A/C Condenser & Fixed Electric Space Heating**

QTY	VA	Description	QTY	VA
3 ton	4,301 VA	AHU 1 @ 15W	1	8,984 VA
		VA AHU 2 Select		VA QTY
		VA AHU 3 Select		VA QTY
		VA AHU 4 Select		VA QTY
		VA AHU 5 Select		VA QTY

Total	1	Heating Load	6,184 VA
		CU Load	5,285 VA

Electric Space Heat @ 65% <4, 40% >3, vs. A/C @ 100% **6,184 VA**

**STEP 3 Article 220.82 (B) (3)**

4,500 VA	1	Water Heater	4,500 VA
978 VA	1	Refrigerator	978 VA
	0	Freezer	VA
852 VA	1	Dishwasher	852 VA
759 VA	1	Disposal	759 VA
	0		0 VA
1,700 VA	1	Microwave	1,700 VA
720 VA	1	Door Opener	720 VA
	0		0 VA
	0		0 VA
	0		0 VA
	0		0 VA
	select		VA
	select		VA
	select		VA
	select		VA
	select		VA
	select		VA
		Pool Equip. Panel	VA Apply Demand
		GATES	VA No Demand
		Other load	VA No Demand

Appliance Demand Load	9,509 VA
Dryer Demand Load	6,240 VA
Range Demand Load	11,300 VA
Service Demand	27,727 VA
Demand Load	116 A
Neutral Demand	80 A
Min. Service Req.	125 A
Min. Feeder size	1/0
Min. Neutral size	2
Eq. Grdng Cond.	4
<input checked="" type="checkbox"/> Aluminum	
Total Appliance Load	9,509 VA

**STEP 4 Article 220.82 (B) (3)**

Electric Clothes Dryers **6,240 VA**

**STEP 5 Article 220.82 (B) (3)**

Electric Ranges **11,300 W** Col C demand **8000**

or Number of appliances

<input type="checkbox"/> Check Box for Gas Range	Cooktop	Col B demand
	Cooktop	Col B demand
	Oven(s)	Col B demand
	Oven(s)	Col B demand
Number of appliances		0 Dem. Factor
Cooktop & Oven Demand Load		

**Existing 200Amp Service**

jmp1@ds.comcast.net

**Pool Panel Feeder Calculation (See Note)**

	A	B	N
Continuous Motors	0	0	0
Non-continuous	0	0	0
Spa heater 11 kVA	0	0	0
Pool heater 3.5 ton	0	0	0
Pool heater 5 ton	0	0	0
Pool Light	0	0	0
Blower	0	0	0
other load	0	0	0
other load	0	0	0
<input type="checkbox"/> Min. Copper Pool Feeder	AWG	A	A
Minimum Panel Rating	A	Phase Amperes	Neut. load

Continuous Motors	Non-continuous Motors
select <input type="checkbox"/> 240v	select <input type="checkbox"/> 240v
select <input type="checkbox"/> 240v	select <input type="checkbox"/> 240v
select <input type="checkbox"/> 240v	select <input type="checkbox"/> 240v
select <input type="checkbox"/> 240v	select <input type="checkbox"/> 240v
select <input type="checkbox"/> 240v	select <input type="checkbox"/> 240v
0.0 Motor Neutral Load	
Max Unbalanced Neutral Load	