



Linda Smith

104 Horse Whisperer Ln, Lillington, NC 27546, USA

Job Setup			
Customer Name	Linda Smith	Initial Contact w/homeowner - Greet, job review and walk	Yes
Address	104 Horse Whisperer Ln, Lillington, NC 27546, USA	through completed? Note any initial homeowner concerns /issues?	
		Pre-Existing - issues, damages?	
Roof			
Does the install take place in NJ, MD, PA or MA?	No	Was conduit run on the roof?	Yes
Attic			
Was the wire run done internally?	Yes	Wire size and type installed:	10-2 romex and #10
Review the wire run. Did any of the staples pierce any part of the wire?	No	Structural Upgrade - Was there a structural upgrade required?	No
Roof Leak Prevention			
Were there any misses while finding rafters?	No		

Electrical

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Electrician	Chester	Directory Placard required?	No
Was this a battery installation?	No	Is this a TECO - FL installation	No
Completion			
Job Completed?	Yes	Did any damage occur to the home during installation?	No
Was a Wi-Fi connection achieved?	Yes	Did you complete a homeowner completion review and walk through?	yes

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Job Setup $\slash \mbox{Location-Show the front of home with street number clearly visible$



BGC Loc: **35.3273**, **-78.9984**

 $\mbox{Roof}\,/\,\mbox{Mount Installation}$ - Need to show the correct sealing technique for at least one solar mount.



BGC

Roof / Attachment Layout - showing COMPLETE layouts, staggered attachments, span measurement. (2 pics per array min) $\,$



Roof / Attachment Layout - showing COMPLETE layouts, staggered attachments, span measurement. (2 pics per array min)

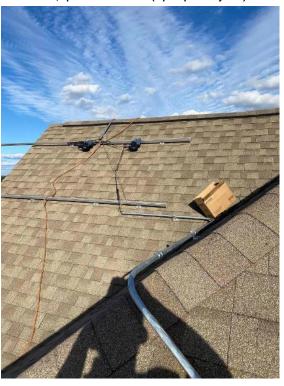


BGC

Loc: 35.3271, -78.9987

BGC Loc: **35.3271, -78.9985**

Roof / Attachment Layout - showing COMPLETE layouts, staggered attachments, span measurement. (2 pics per array min)



Loc: **35.3271**, **-78.9984**

Roof / Module Attachments - need to show modules are properly secured to



BGC Loc: **35.3271, -78.9984**

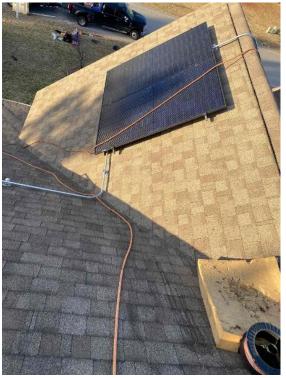
Roof / Module Label - Close up picture. This needs to be crystal clear



BGC

Loc: 36.2061, -79.7896

 $\ensuremath{\mathsf{Roof}}$ / $\ensuremath{\mathsf{Module}}$ Attachments - need to show modules are properly secured to racking.



BGC

Loc: **35.3274, -78.9985**

 $\mbox{Roof}\,/\,\mbox{MLPE}$ (micro inverter/optimizer) serial number, must include model number as well.



BGC Loc: **36.2061, -79.7896**

Roof / Grounding: 1) Take an up close photo of the rail bonding lug.



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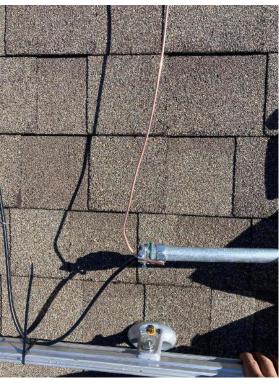
BGC

Loc: **35.3274**, **-78.9987**

BGC

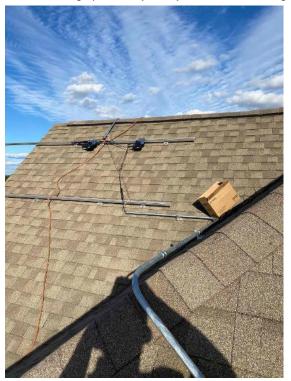
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BGC Loc: **35.3269, -78.9987**

 $\operatorname{Roof}/\operatorname{Roof}$ conduit photos- Entire conduit run to be shown along with proper supports.



BGC

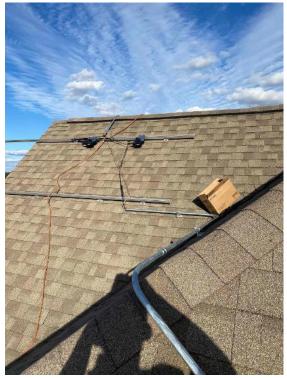
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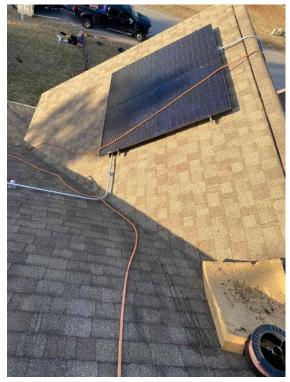
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Roof / Roof conduit photos- Entire conduit run to be shown along with proper supports.



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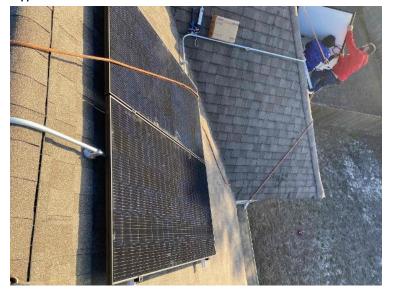
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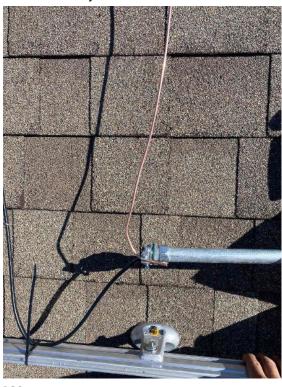
BGC Loc: **35.3271, -78.9984**

Roof / Conduit Pentration- Provide a picture showing the open conduit entrance demonstrating proper conductor strain relief, weather protection, and conduit stability.



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BGC Loc: **35.3274**, **-78.9987**

Roof / Photos of Label on Trunk Cable/PV Wire



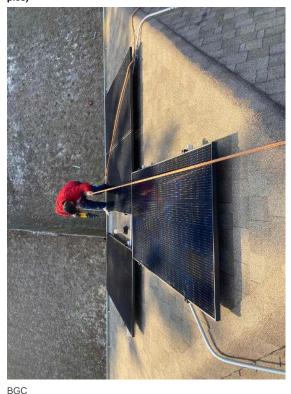
Loc: 36.2058, -79.7896

Roof / Rooftop Junction Box - EGC path to array, attic penetration, entries & exits. (If penetrating the roof to run through the attic, the transition from attic to roof needs to be sealed with duct seal.)



BGC Loc: **35.3269**, **-78.9987**

Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



Loc: **35.3271**, **-78.9984**

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BGC Loc: **35.3268, -78.9986**

Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



BGC Loc: **35.3272, -78.9984**

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Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



BGC Loc: **35.327**, **-78.9985**

Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



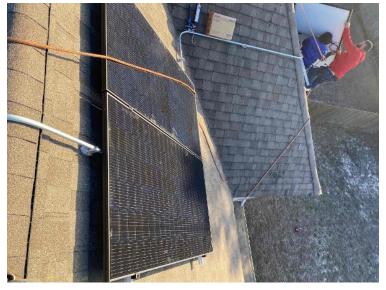
Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up nics)



BGC

Loc: 35.327, -78.9984

Roof / Completed Array(s) showing COMPLETE overview of arrays multiple pics and location of rooftop junction box (3 pics per array min.) (no close up pics)



BGC

Loc: **35.3271, -78.9983**

BGC

Loc: 35.3271, -78.9984

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BGC

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Roof / Completed Array(s) need to show tilt of each array completed.



BGC

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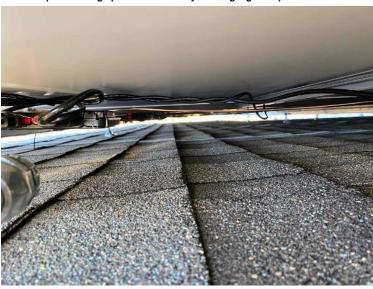
BGC

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Roof / Completed Array(s) need to show tilt of each array completed.



Roof / Wire Management - Quality pictures (need to show the entire array under the panel through pictures.absolutely no dangling wires)



BGC Loc: **35.3271, -78.9984**

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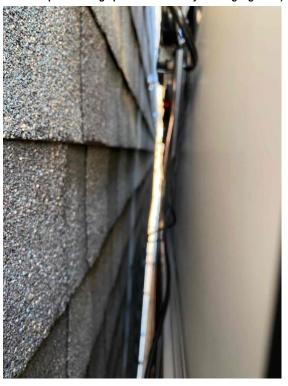
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Electrical / Path To Array Roof/Attic - conduit run, j-box inside and out, sealed penetration, etc.,



BGC BGC

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BGC BGC

Electrical / GEC (Grounding Electrode Conductor) - main GEC (photo of the home's grounding system, MSP overview if none found) $\frac{1}{2} \frac{1}{2} \frac{1}$



BGC

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BGC

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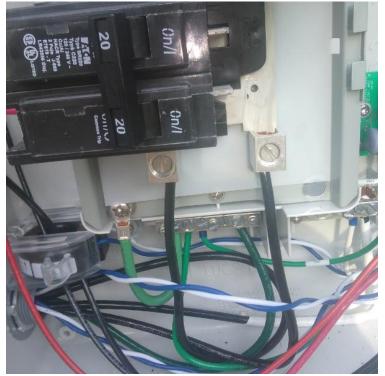
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BGC

Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



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Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



Electrical / MSP (Main Service Panel): Detailed photos of breaker installed



Electrical / MSP (Main Service Panel) - Photo of Entire Box After Interconnection

BGC



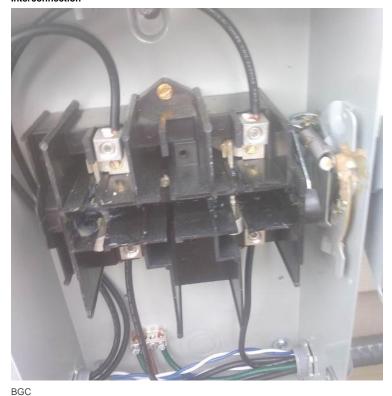
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BGC BGC

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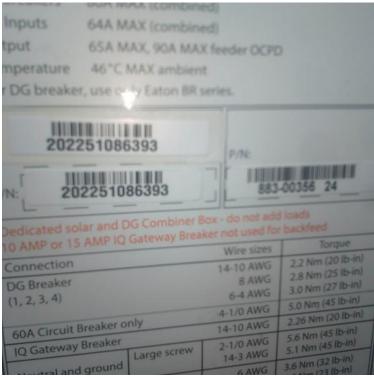


Electrical / MSP (Main Service Panel) - Photo of Entire Box After Interconnection



BGC

Electrical / Serial Numbers - clear photos of combiner/inverter and communication device serial numbers



BGC

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inputs	64A MAX (combin	ed)	1000000		
itput	65A MAX, 90A MAX feeder OCPD				
mperature or DG breake	46°C MAX ambien r, use only Eaton BR	t			
2022	 251086393	P/86:			
/N: 20	2251086393	883	-00356 24		
Dedicated so	lar and DG Combiner 8 AMP IQ Gateway Brea	lox - do not ad ker not used fo	backfeed		
	Parti Inc. Santa	Wire sizes	Torque		
Connection		14-10 AWG	2.2 Nm (20 lb-in) 2.8 Nm (25 lb-in)		
DG Breaker		8 AWG 6-4 AWG	3.0 Nm (27 lb-in)		
(1, 2, 3, 4)		4-1/0 AWG	5 0 Nm (45 lb-in)		
60A Circuit Breaker only		14-10 AWG	2.26 Nm (20 lb-in)		
IQ Gateway	Breaker Large screw	2-1/0 AWG	5.6 Nm (45 lb-in) 5.1 Nm (45 lb-in)		
Neutral and	ground	14-3 AWG 6 AWG	3.6 Nm (32 lb-in) 2.6 Nm (23 lb-in)		

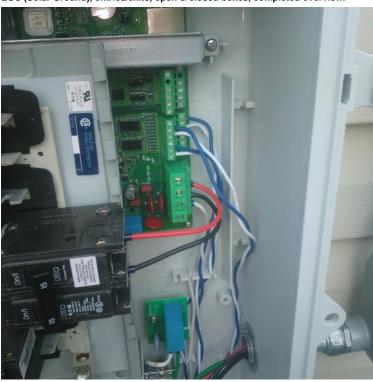
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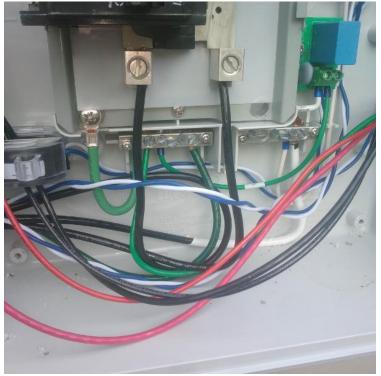
Electrical / PV Equipment - all PV equipment installed and completed, wiring, EGC (Solar Ground), entries/exits, open & closed boxes, completed overview.



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BGC BGC

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BGC

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BGC

Electrical / AC Disconnect - Photos of fuse sizes and wire sizes



BGC

BGC

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Electrical / AC Disconnect - Photos of fuse sizes and wire sizes



Electrical / Labels - photo of all labels installed, close up and overview (note if



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BGC BGC

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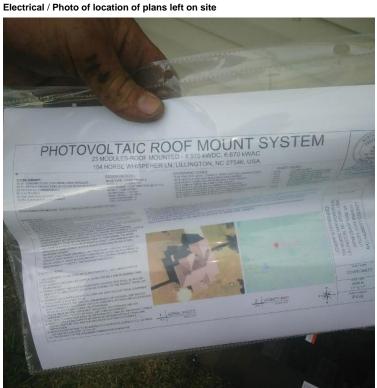
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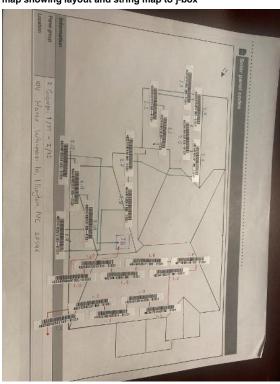
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Electrical / Photo of location of plans left on site



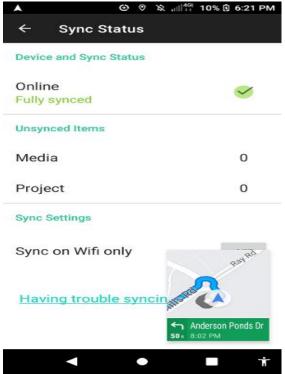
BGC

Completion / STICKER MAP: Optimizer/micro-inverter stickers and sticker map showing layout and string map to j-box



Brian Garlock

Completion / Screenshot of Panels Detected and Communicating in Commissioning App (Solaredge/Enphase)



BGC

Completion / Screenshot showing Wi-Fi connection



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Completion / Screenshot showing Wi-Fi connection



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