



Jeanette/Talmadge Gilbert

103 N 8th St, Erwin, NC 28339

Homeowner information

Homeowner Name Jeanette/Talmadge Gilbert

Date of Installation 03/14/2025

Address 103 N 8th St, Erwin, NC 28339

Glass Pictures/Panel Info

Attic

Electrical Equipment

Fuse Rating

MEP: Nameplate with busbar rating 200

Roof

Final Signoff

Customer Completion
Signature

Crew lead on site Henrique Dias

Change Order

Installers On Site Tobias Bright. Dalton Carpenter.
Nathan Price.

Optional Installer Notes

Msp room is separate from house/unable to access that area of attic so up and over was required. Homeowner was ok with up and over.

Need square d tandem breakers and tie in. All wires are pulled through to msp. Commission.

One person. Shouldn't take longer than 10-20min.



Loc: 35.3287, -78.6681



Loc: 35.3286, -78.6678



Loc: 35.3286, -78.6678



Loc: 35.3287, -78.6676



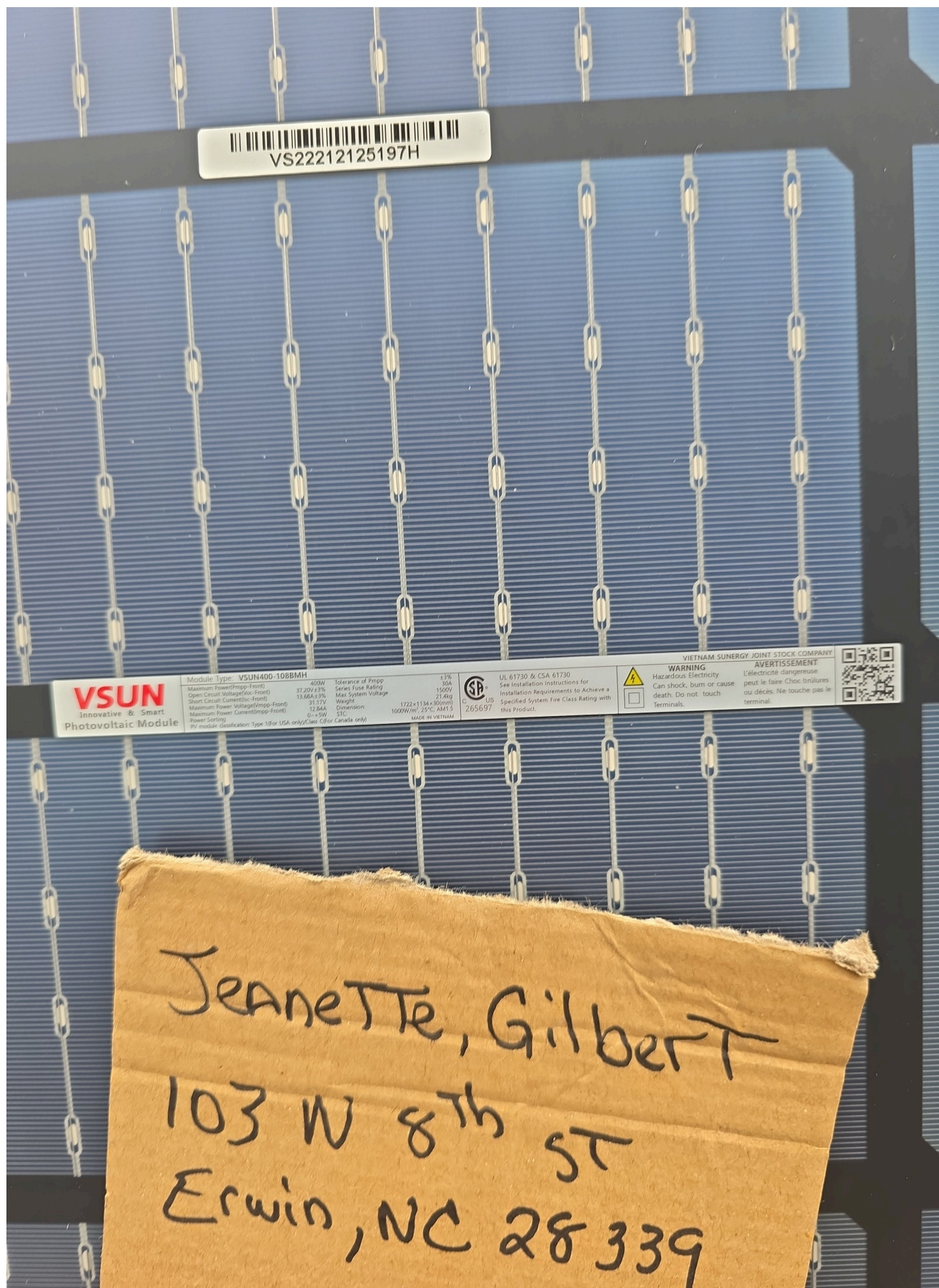
Loc: 35.3287, -78.6676



Loc: 35.3287, -78.6677



Loc: 35.3287, -78.6677







Loc: 35.3288, -78.6677



Loc: 35.3289, -78.6677

Glass Pictures/Panel Info / Back of Panel (Module Label)



Glass Pictures/Panel Info / Back of Panel (Output Info)



Attic / Attic conduit runs (3-4 images)



Loc: 35.3286, -78.6677

Attic / Attic conduit runs (3-4 images)



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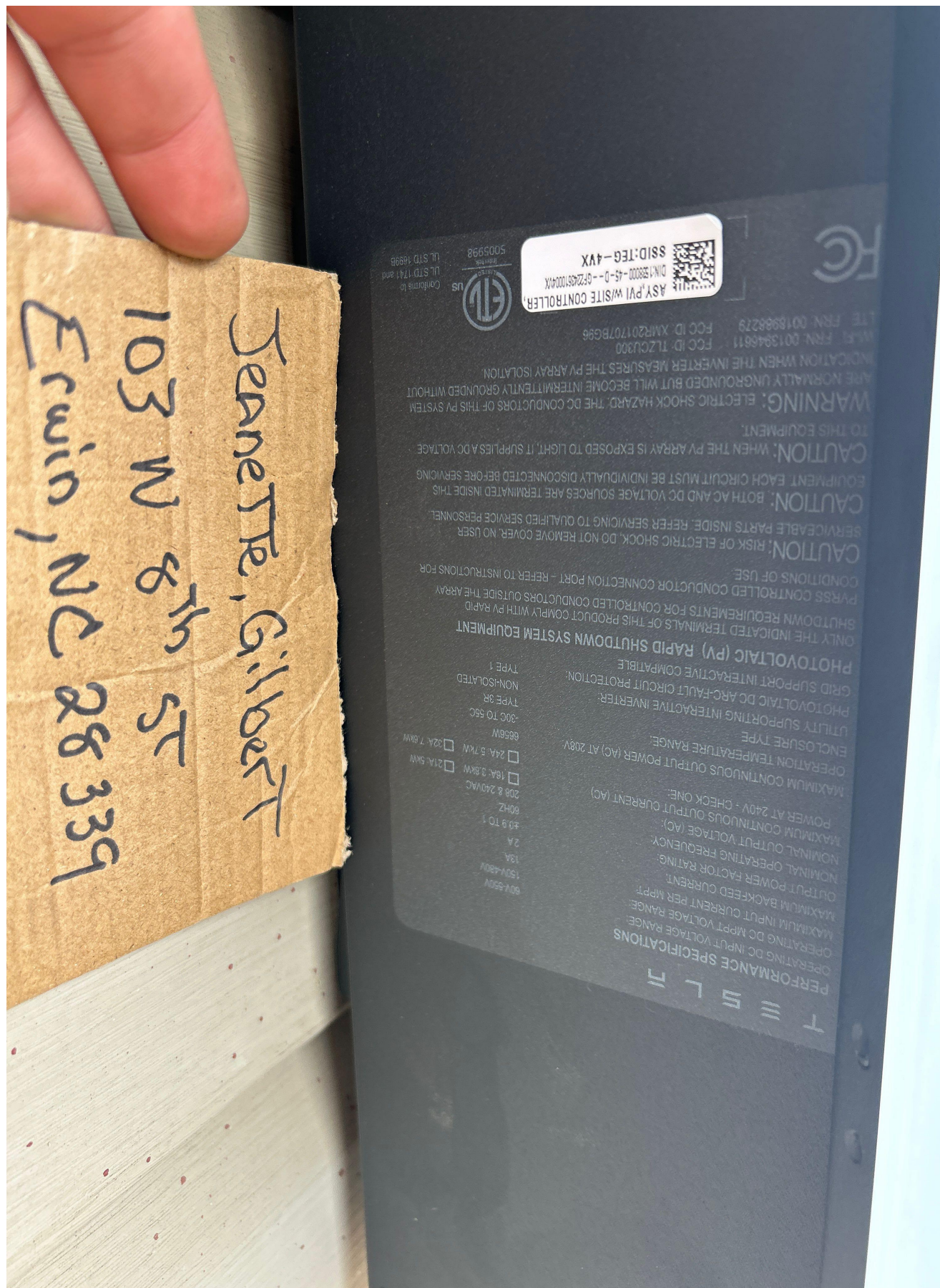
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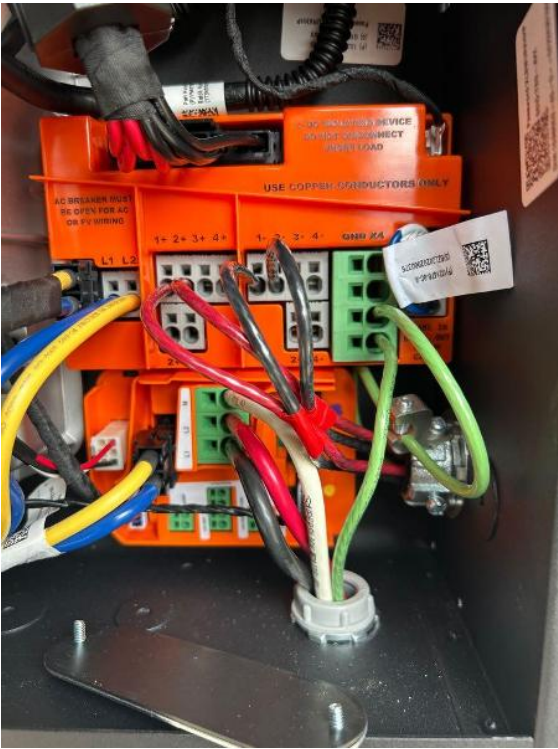


Loc: 35.3287, -78.6677



Loc: 35.3286, -78.6677

Electrical Equipment / Inverter-inside wiring



Loc: 35.3286, -78.6677

Electrical Equipment / Wiring Terminations



Loc: 35.3286, -78.6677

Electrical Equipment / Wiring Terminations



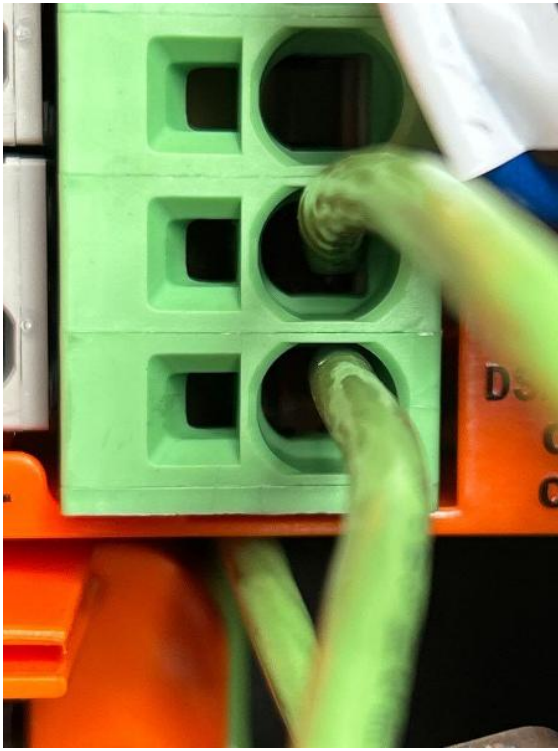
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Electrical Equipment / Wiring Terminations



Loc: 35.3286, -78.6677

Electrical Equipment / Wiring Terminations



Loc: 35.3286, -78.6677

Electrical Equipment / Bonding Bushing inside inverter



Loc: 35.3286, -78.6677

Electrical Equipment / Ground Lug inside inverter



Loc: 35.3286, -78.6677



Loc: 35.3286, -78.6677

Electrical Equipment / Disconnect - With cover open



Loc: 35.3285, -78.6676

Electrical Equipment / Disconnect - With cover open



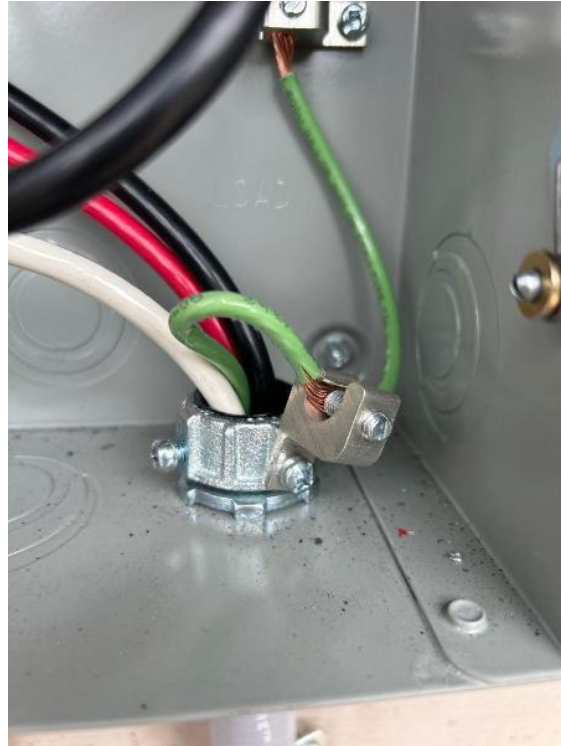
Loc: 35.3284, -78.6675

Electrical Equipment / Disconnect - With cover open



Loc: 35.3284, -78.6679

Electrical Equipment / Bonding Bushing in AC disconnect (2)



Loc: 35.3286, -78.6677

Electrical Equipment / Bonding Bushing in AC disconnect (2)



Loc: 35.3284, -78.6679

Electrical Equipment / Ground lug inside Disconnect



Loc: 35.3287, -78.6677

Electrical Equipment / Ground lug inside Disconnect



Loc: 35.3286, -78.6677

Electrical Equipment / Ground lug inside Disconnect



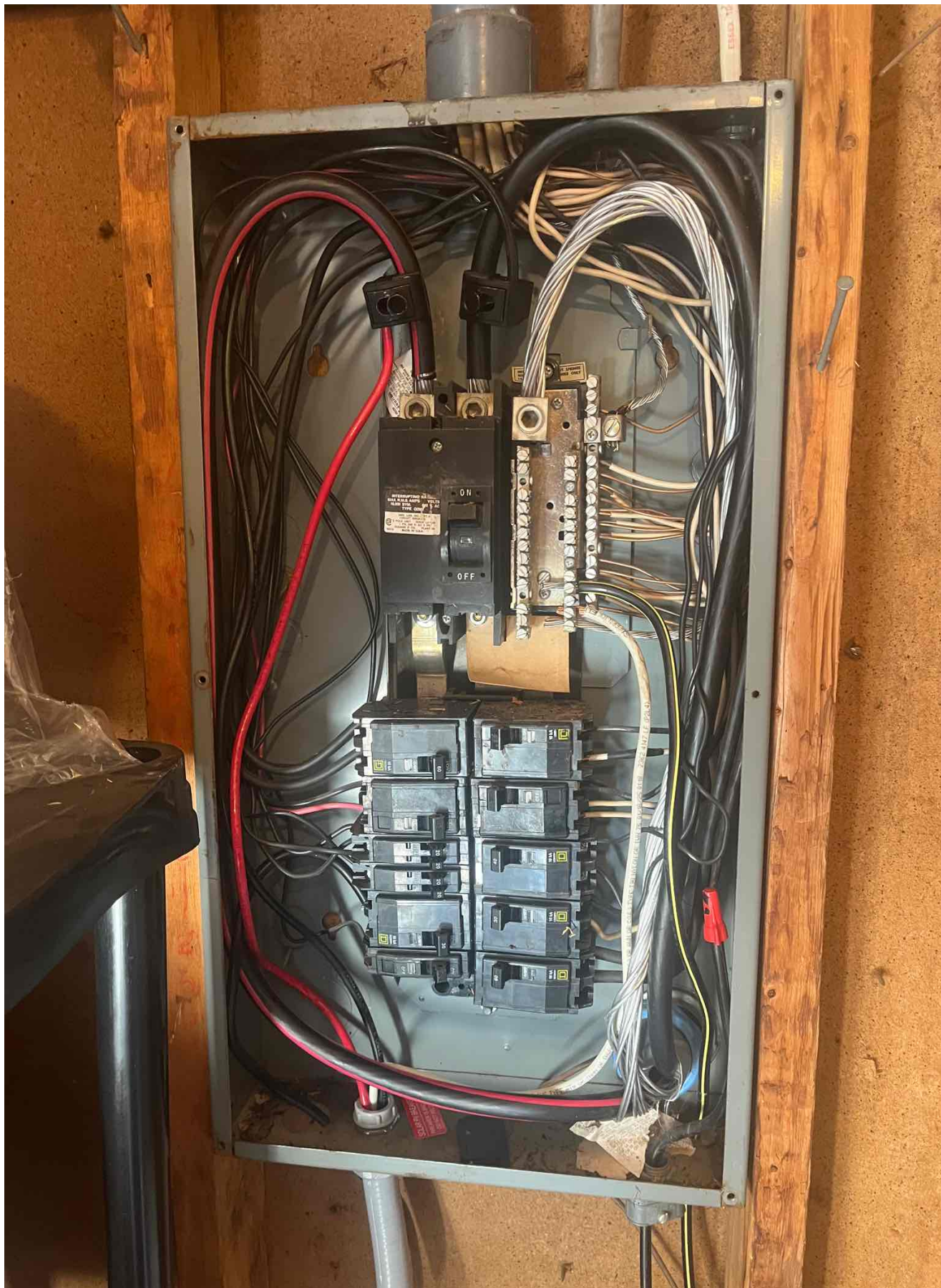
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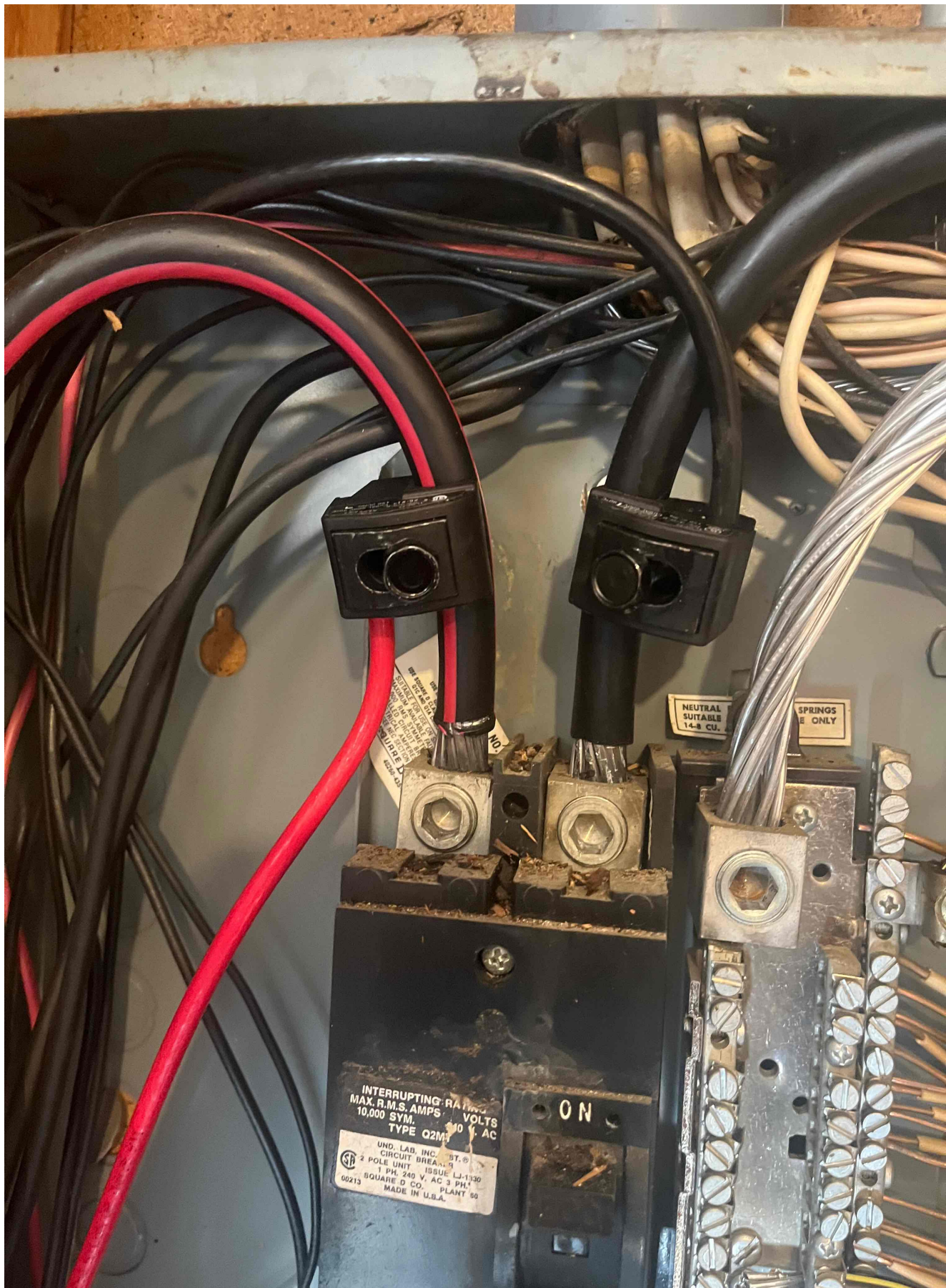
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Loc: 35.3286, -78.6677



Loc: 35.3286, -78.6677

A photograph of a black metal circuit breaker. The label on the front reads: "INTERRUPTING RATING", "MAX. R.M.S. AMPS 1000", "5000 V. AC", "TYPE Q200", "MID. LAB. INC. ST. LOUIS, MO. 63103", "FAB. ONLY - DISSEM. LIMITED", "ELECTRIC CO. ST. LOUIS, MO.", "MADE IN U.S.A.". To the right of the label is a switch lever with "ON" and "OFF" markings. The circuit breaker is mounted on a metal panel with other electrical components. In the foreground, a piece of cardboard is held up, displaying handwritten text in black ink. The text reads: "Jeannette, Gilbert", "103 W 8th St", "Erwin, NC 28339".

A close-up photograph of the internal wiring of a control panel. A black terminal block is mounted on a metal plate, with several wires connected to it. A black switch is visible, labeled 'ON'. The wires are bundled and secured with black tape. The background shows the interior of the panel with various components and wiring.

Report Created: 03/27/2025



Loc: 35.3286, -78.6677

 **WARNING**
DUAL POWER SUPPLY
SOURCES: UTILITY GRID AND
PV SOLAR ELECTRIC SYSTEM

 **WARNING**
TURN OFF PHOTOVOLTAIC
AC DISCONNECT PRIOR TO
WORKING INSIDE PANEL

 **WARNING**
POWER SOURCE
OUTPUT CONNECTION
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

**PHOTOVOLTAIC SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN**
RATED AC OUTPUT CURRENT: 40
NOM. OPERATING VOLTAGE: 240

Electrical Equipment / Sealing of LB above 8ft



Loc: 35.3286, -78.6678

Electrical Equipment / Sealing of LBs, LLs, and LRs at mounted equipment



Loc: 35.3286, -78.6677

Electrical Equipment / Sealing of LBs, LLs, and LRs at mounted equipment



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Electrical Equipment / Sealing of LBs, LLs, and LRs at mounted equipment



Loc: 35.3286, -78.6677



Loc: 35.3287, -78.6677



Loc: 35.3287, -78.6677



Loc: 35.3286, -78.6677



Loc: 35.3286, -78.6677

Electrical Equipment / Ground Rod



Loc: 35.3286, -78.6677

Electrical Equipment / Ground Rod



Loc: 35.3286, -78.6677

Electrical Equipment / Ground wire



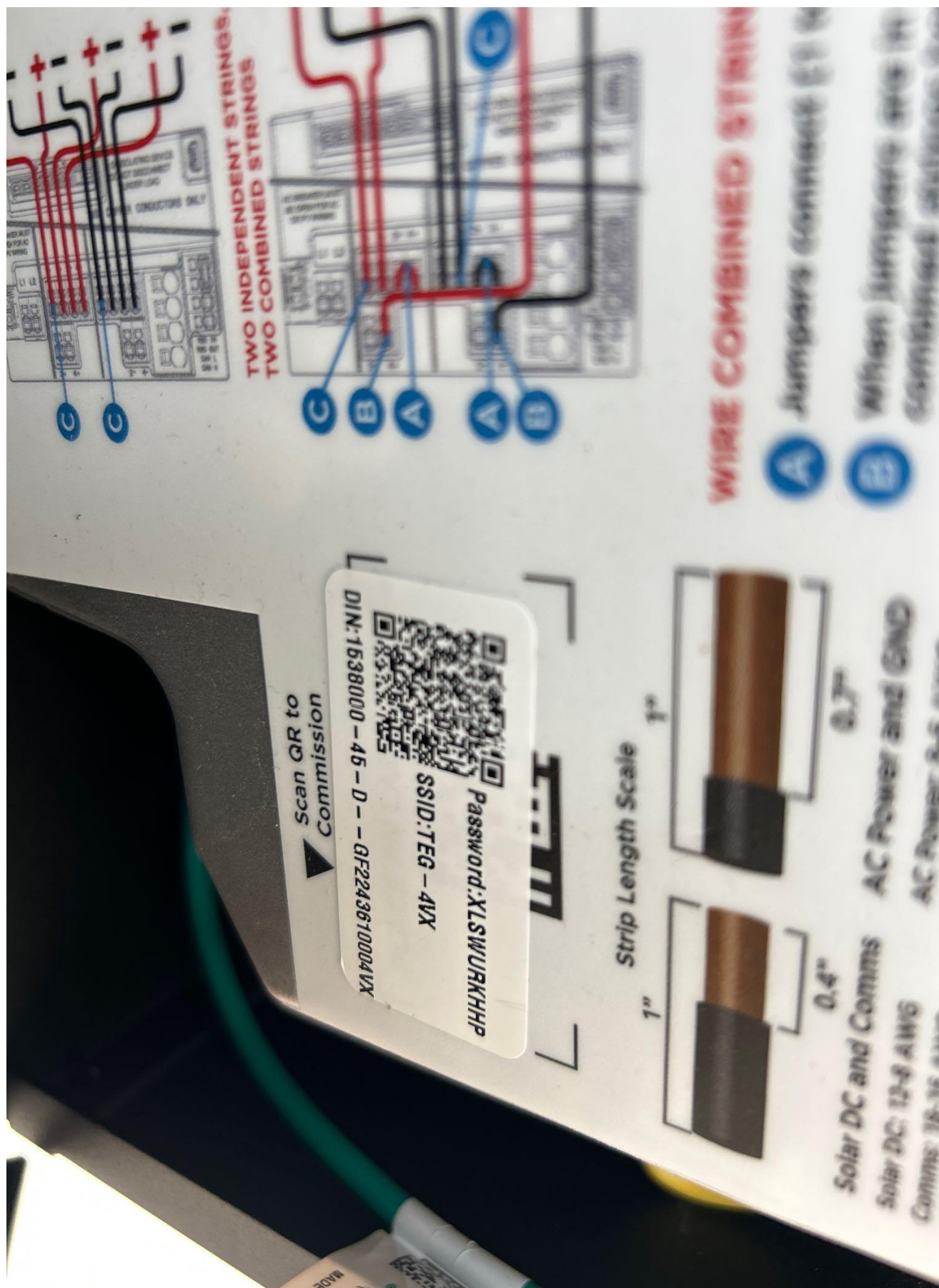
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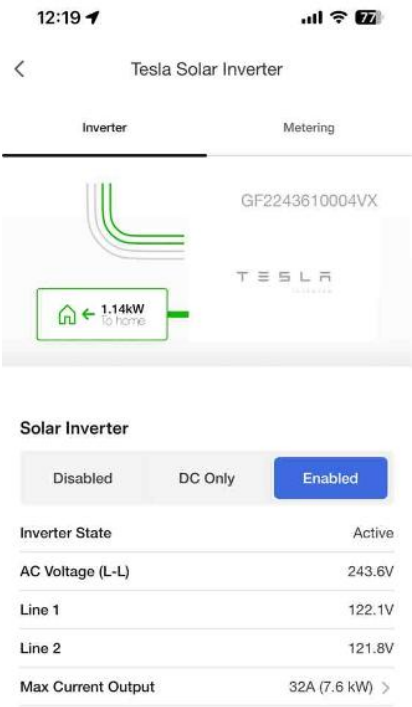
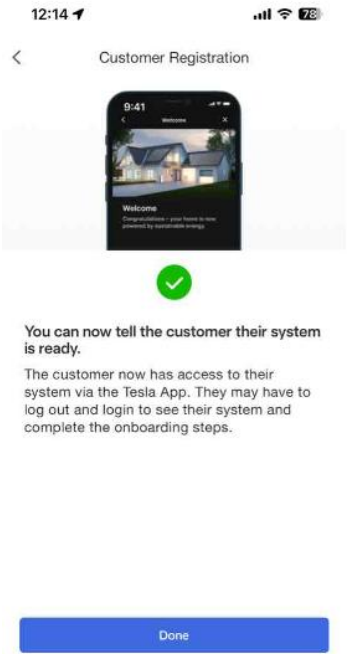
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Electrical Equipment / Commission Complete: screenshot of all strings/
micros/optis reporting

12:19

Tesla Solar Inverter

Solar Inverter

Disabled

DC Only

Enabled

Inverter State

Active

AC Voltage (L-L)

243.6V

Line 1

122.1V

Line 2

121.8V

Max Current Output

32A (7.6 kW) >

Solar DC Inputs

MPPT 1

330.4V / 2.28A

MPPT 2

350.2V / 1.18A

MPPT 3

-1.2V / 0A

MPPT 4

-2.6V / 0A

Roof / Rail Mounts (close up)





Roof / Rail Mounts - Roof Run



Roof / Rail Mounts - Roof Run





Roof / Rail Pictures - 5-6 photos



Roof / Rail Pictures - 5-6 photos



Roof / Rail Pictures - 5-6 photos







Roof / Grounding Connection between rails at each array



Roof / Grounding Connection between rails at each array





Loc: 35.3287, -78.6677

Roof / Soladeck showing all wiring connections



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Roof / Soladeck showing all wiring connections



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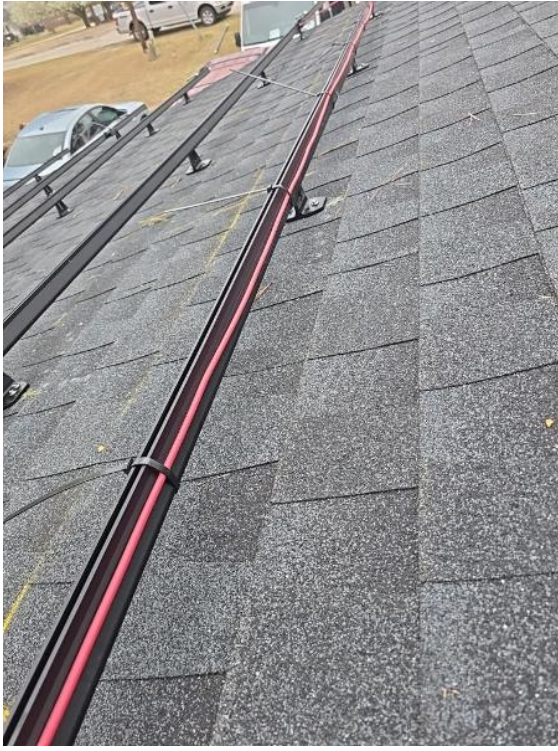
Roof / Soladeck with Lid On



Loc: 35.3287, -78.6677



Roof / Roof Wiring at Rail



Roof / Wire Runs on roof







Roof / Rapid Shut Downs - Roof run



Roof / Rapid Shut Downs - Roof run



Roof / Rapid Shut Downs - Roof run



Roof / Rapid Shut Downs - Roof run



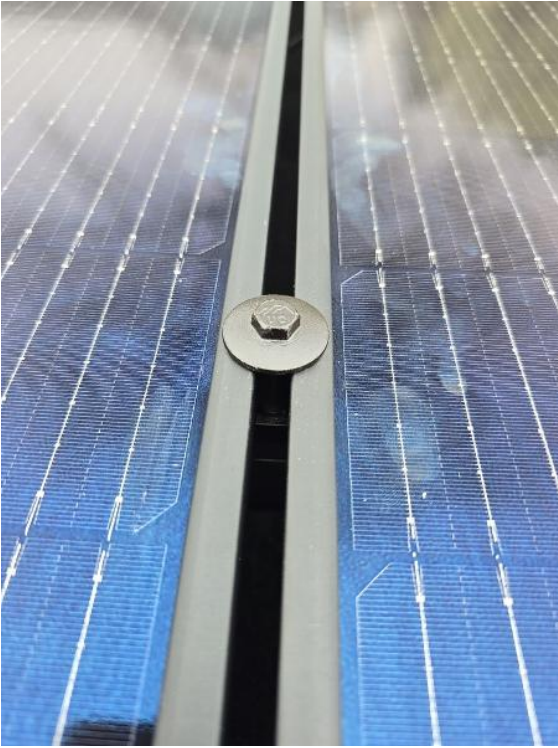
Roof / Rapid Shut Downs - Roof run



Roof / Rapid Shut Downs - Roof run



Roof / Mids - Installed (Up close)











Roof / Tilt Meter: On Glass



Roof / Tilt Meter: On Roof

