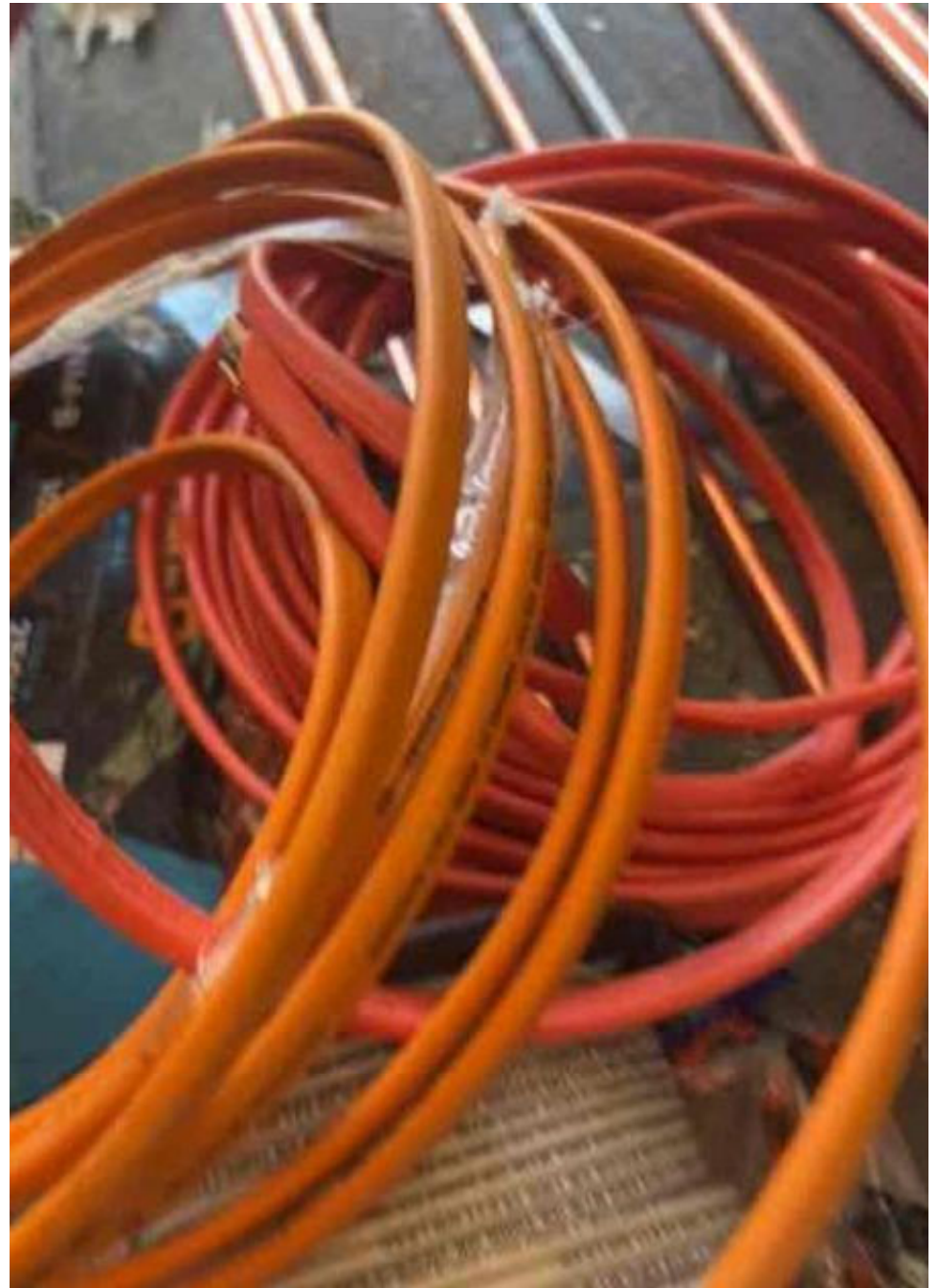
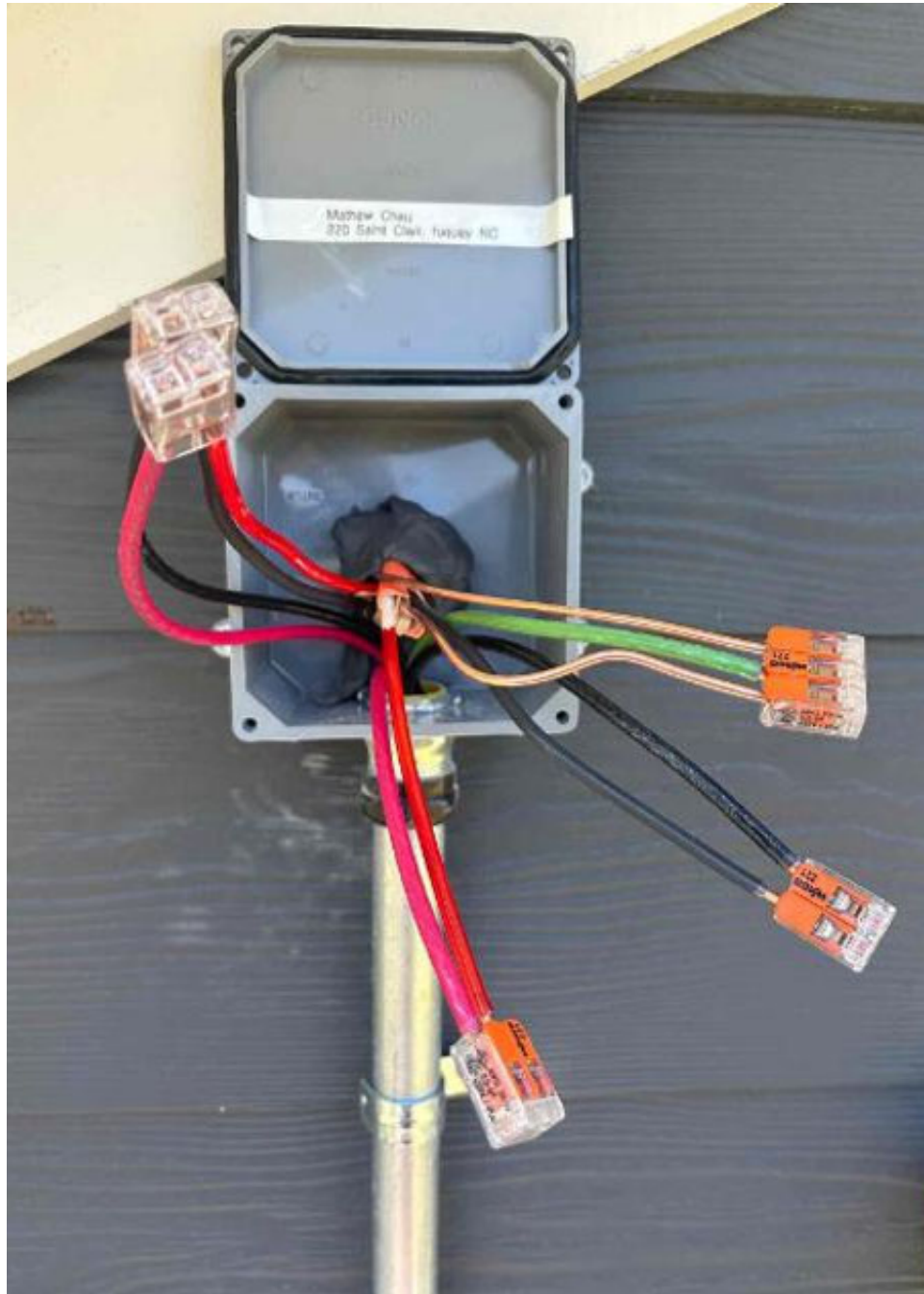




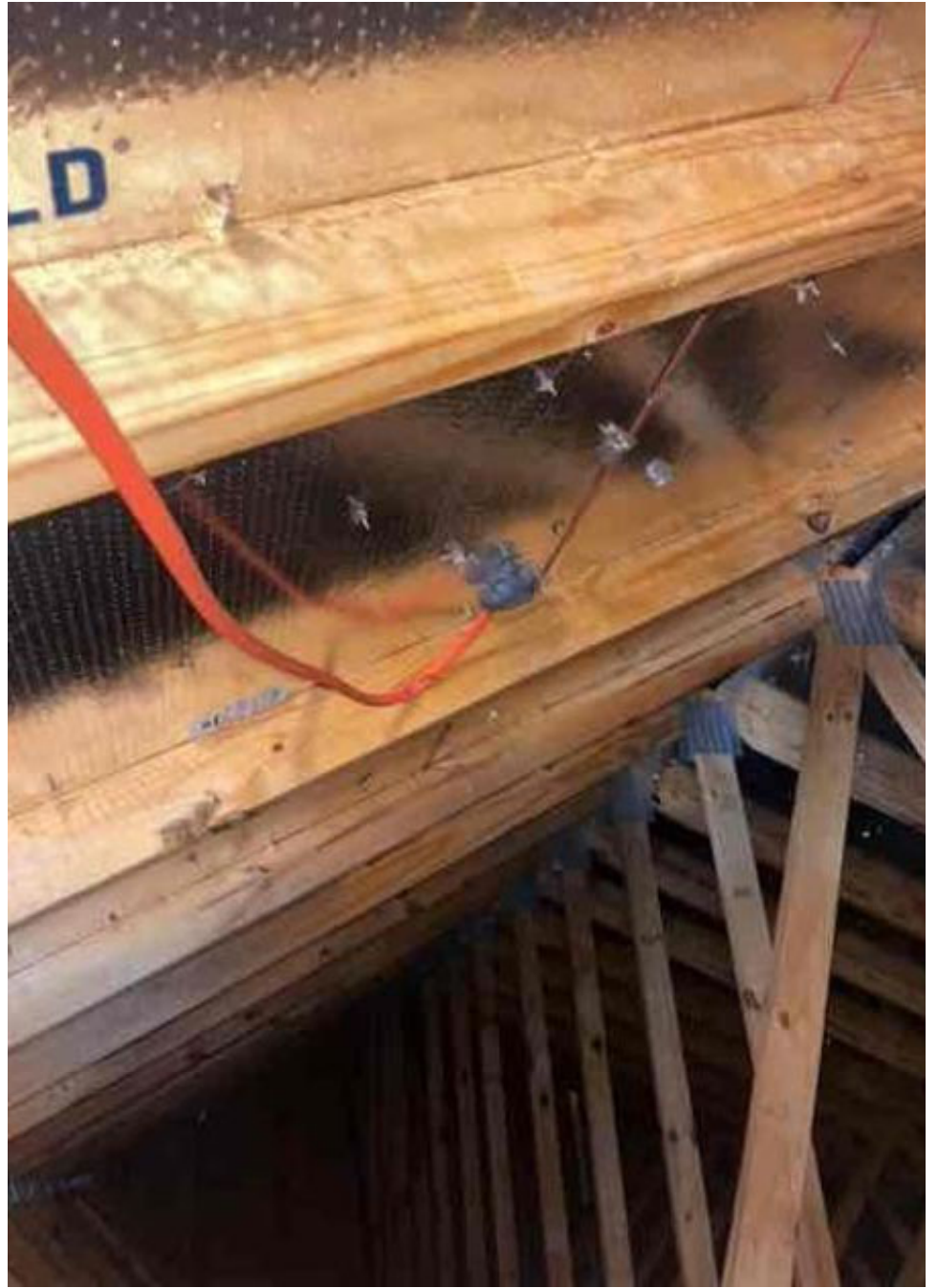


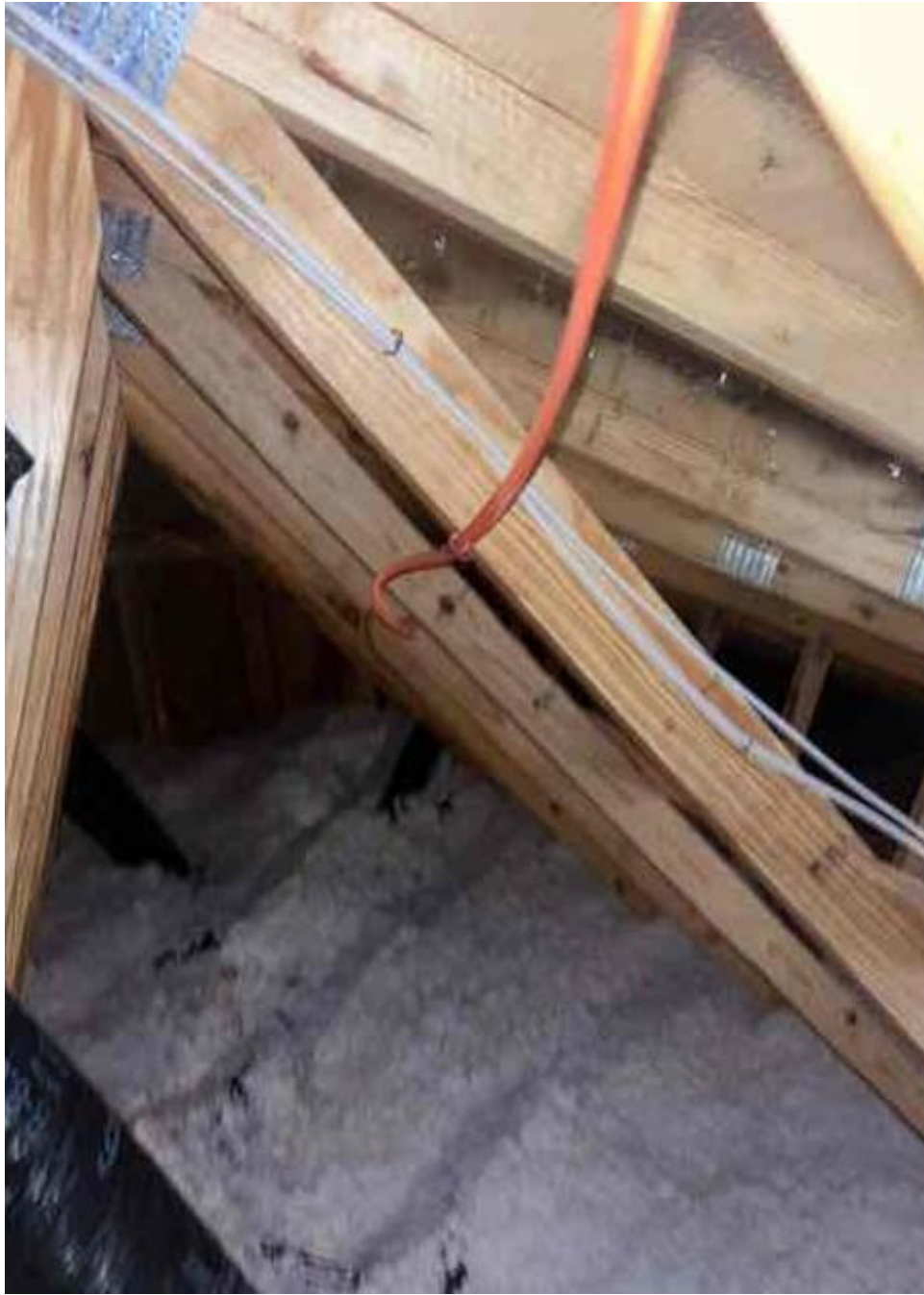


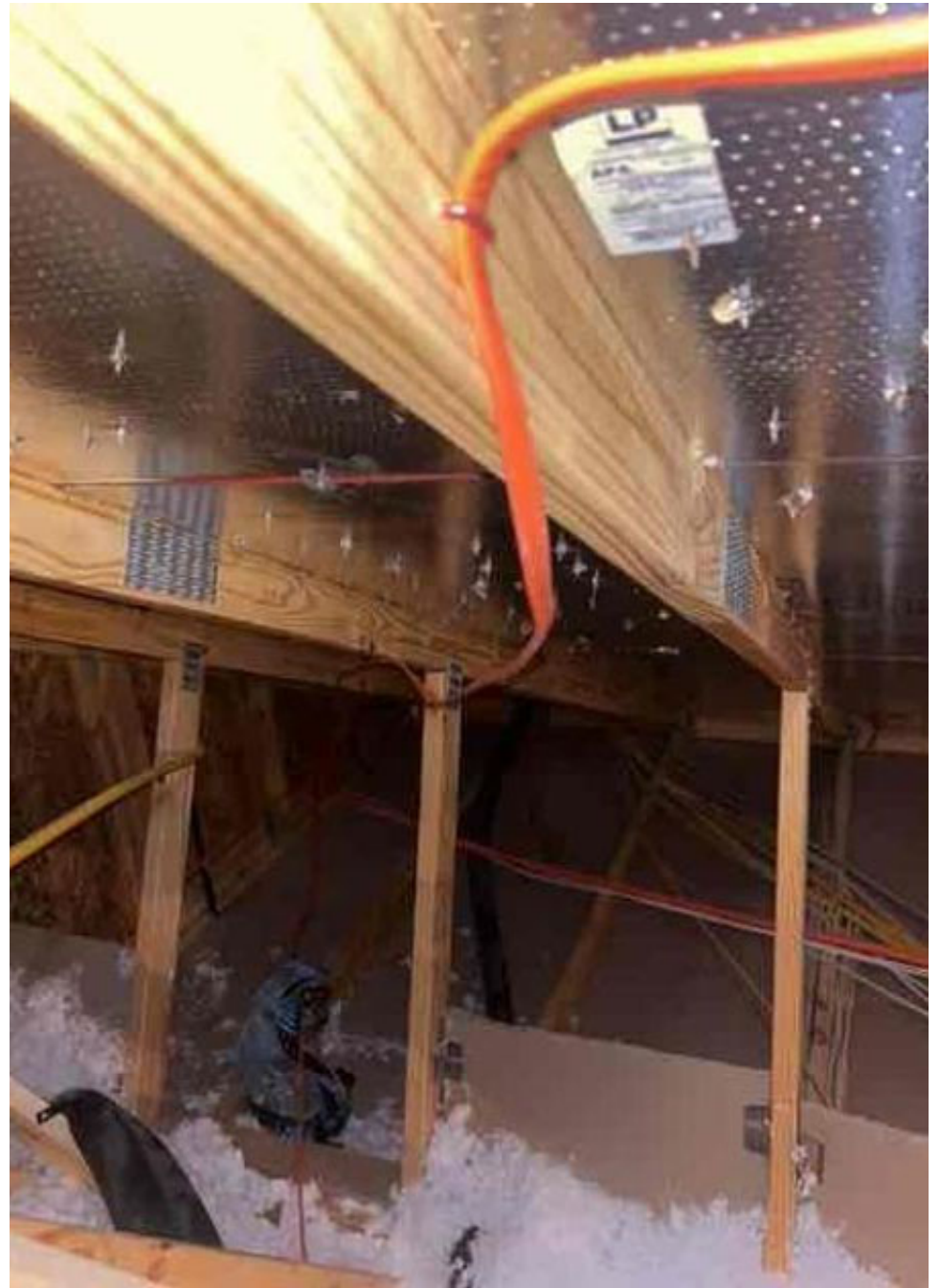






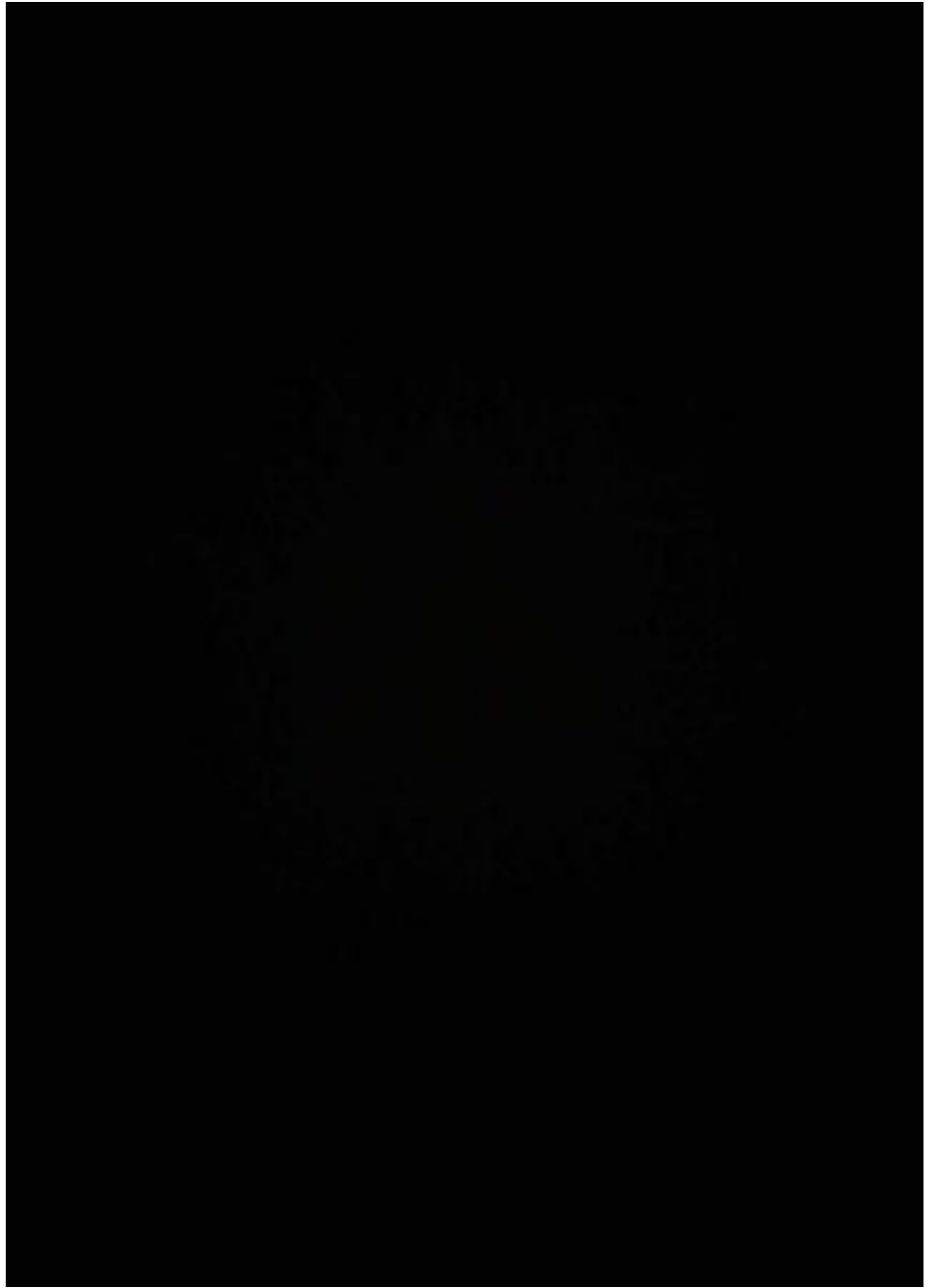


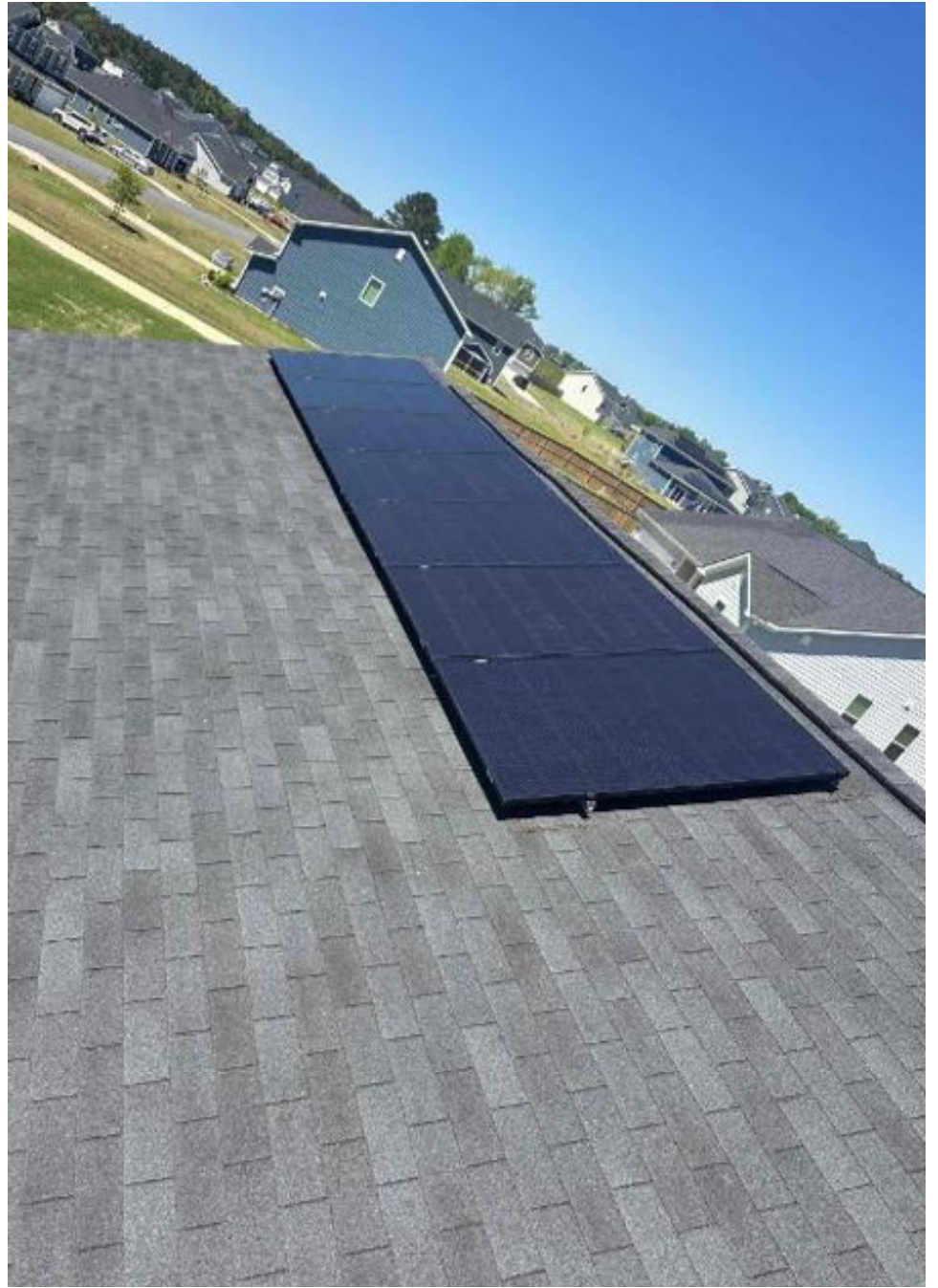










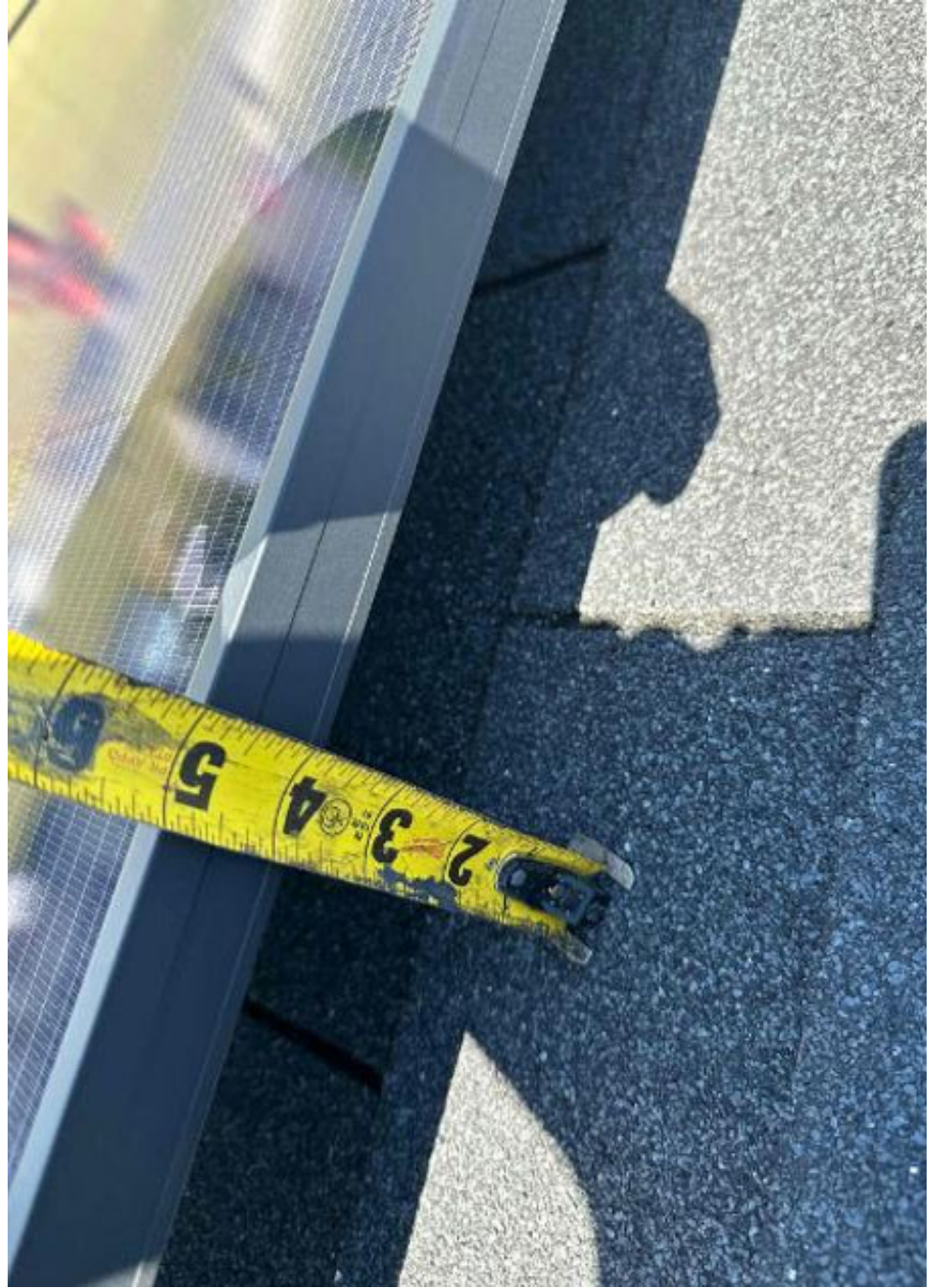








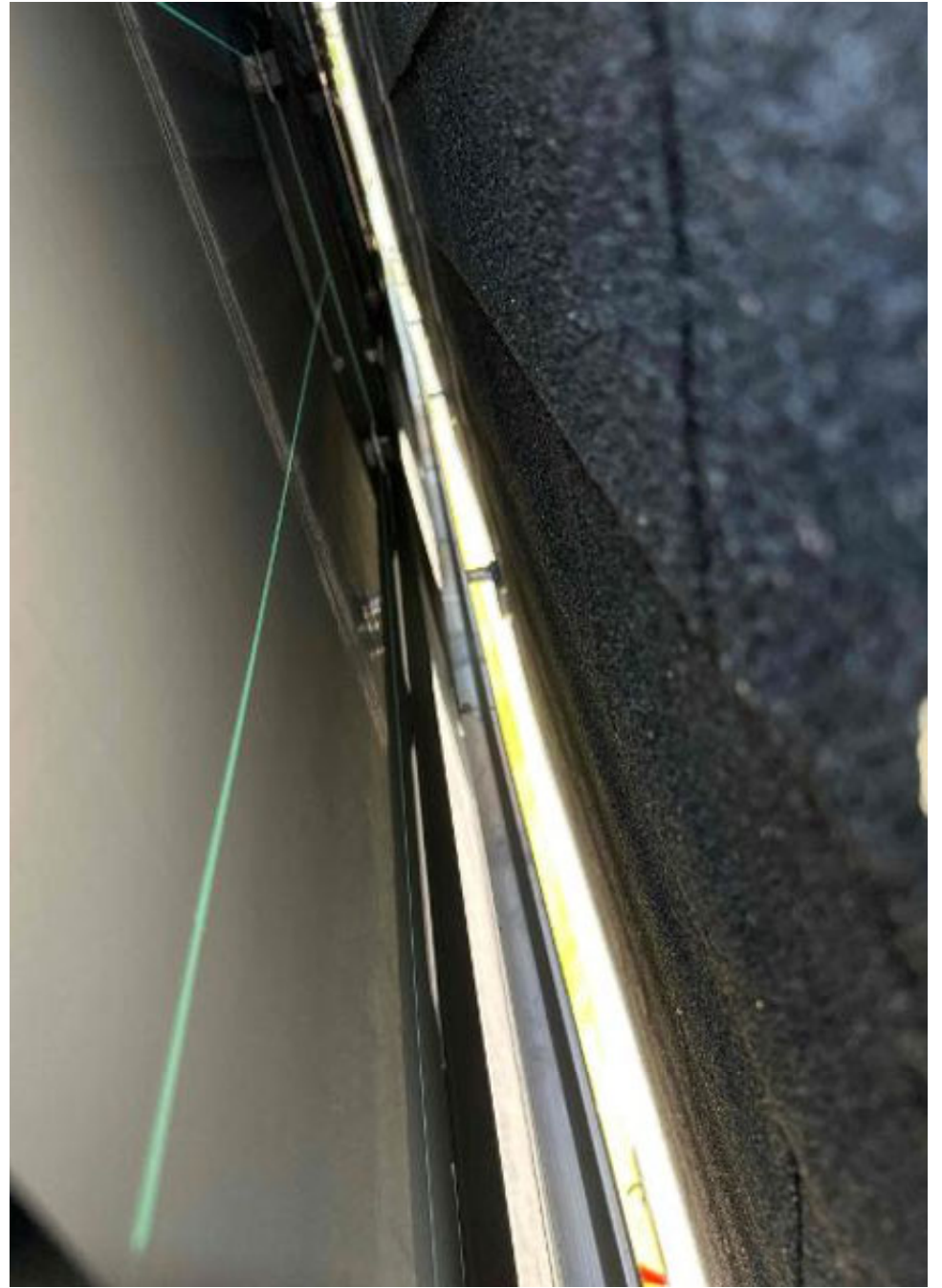






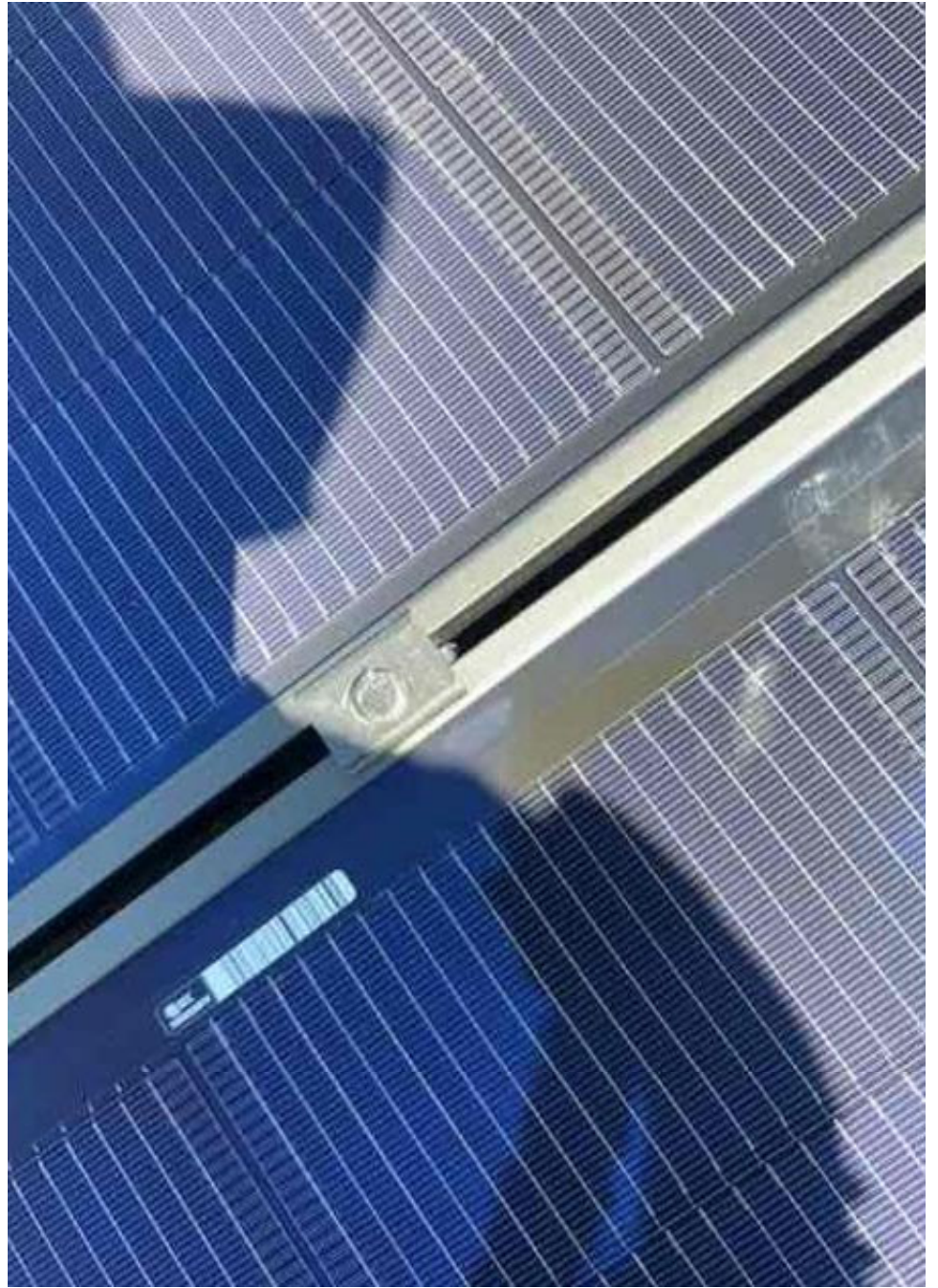


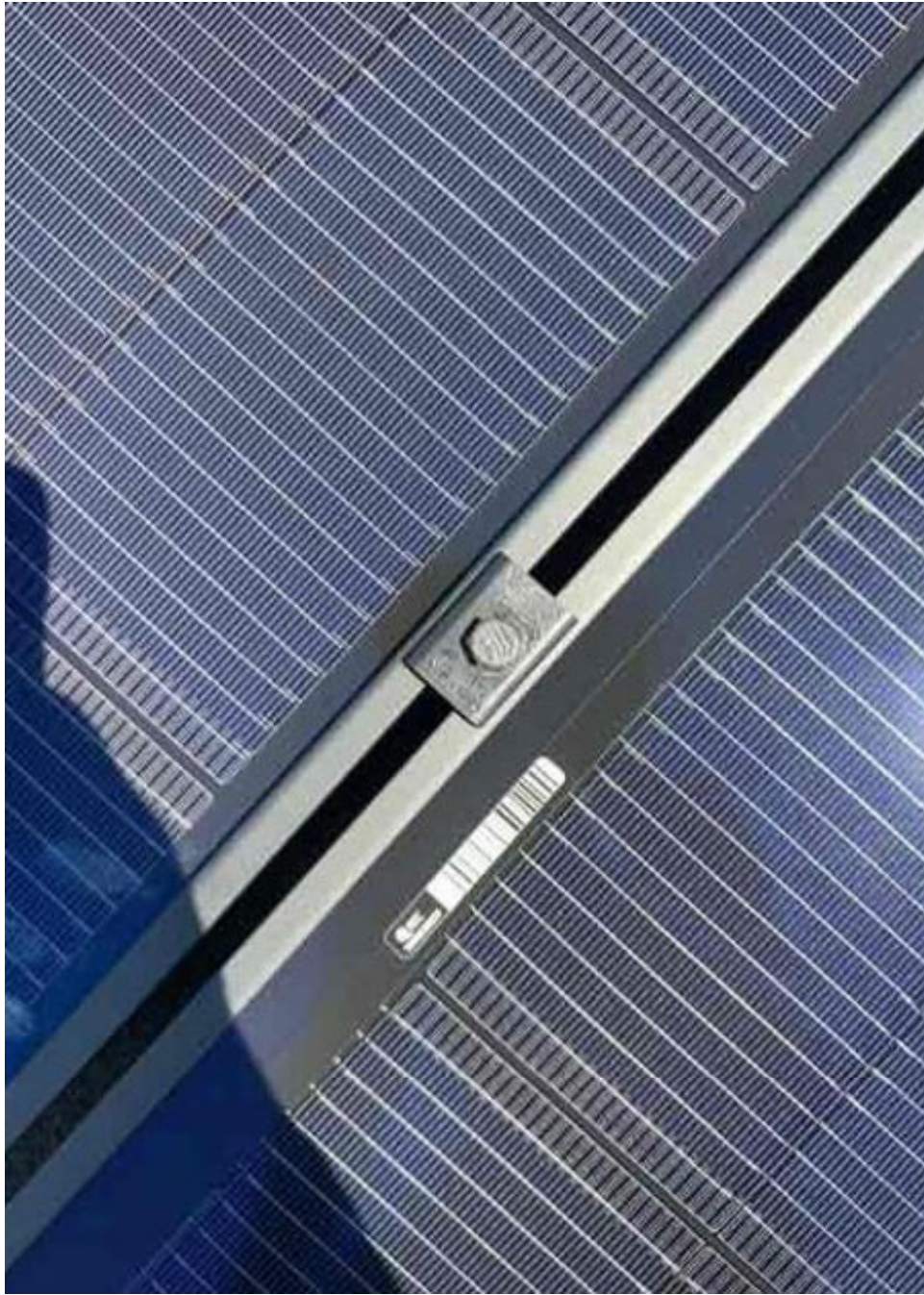


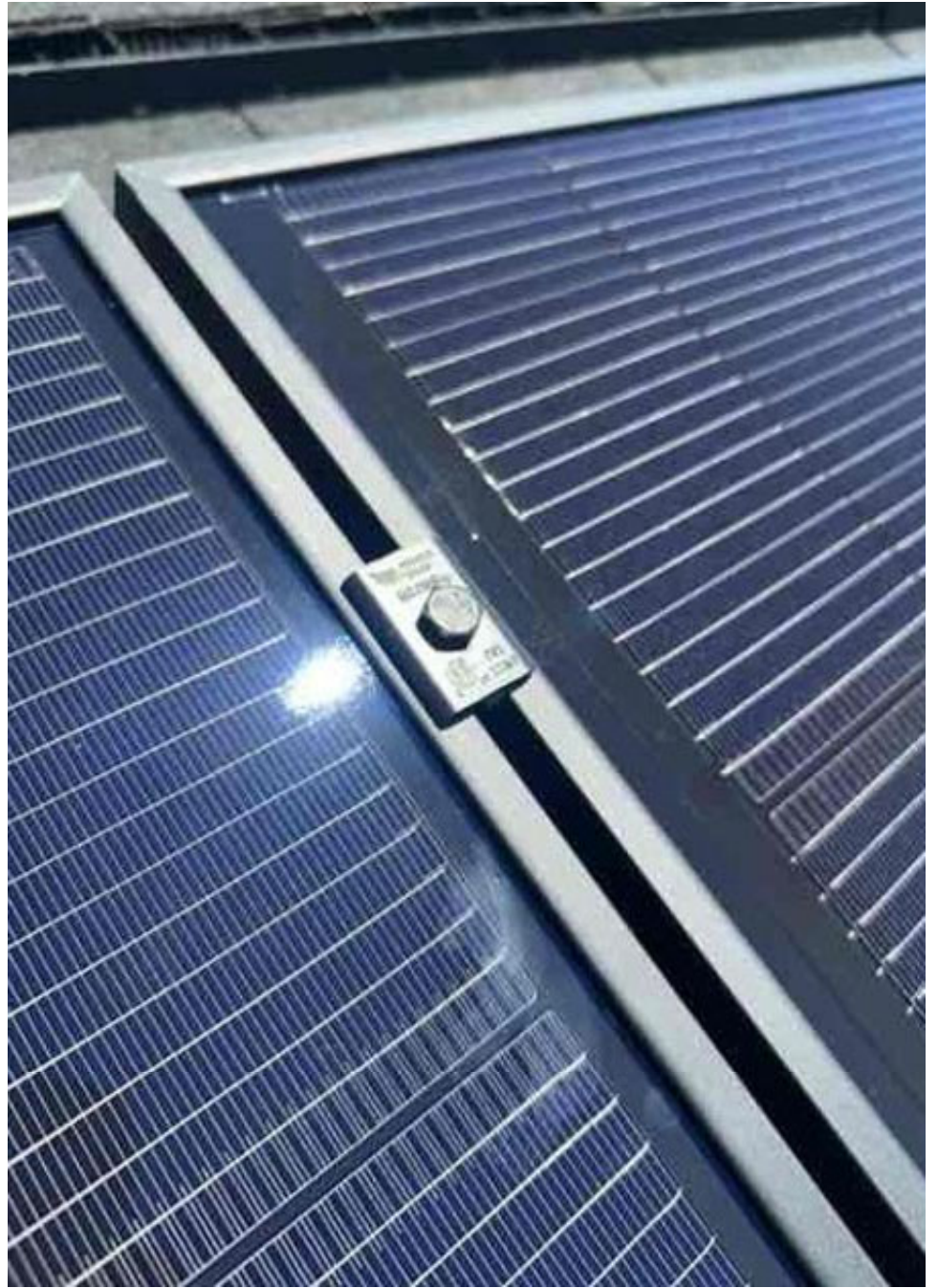
















REC REC Alpha Pure-RX Series
REC460AA Pure-RX
Serial Number: FBB-700630225

Power Output (Pmax)	460 W
Watt Class Sorting	0/+10 W
Power Production Tolerance	+/- 3 %
Rated Voltage (Vmppt)	54.9 V
Rated Current (Imppt)	8.38 A
Open Circuit Voltage (Voc) (+/- 3%)	65.2 V
Short Circuit Current (Isc) (+/- 3%)	8.88 A
Maximum System Voltage (Vsys)	1000 V
Maximum Series Fuse (DC)	25 A
Maximum Design Load	+4000 / -2000 Pa*
Module Tempmax	70°C
Connector	Scrub / PV-KST4-KBT4

Values at STC: 1000 W/m², 1.5, 25°C

CE **UK** **CA**

Manufactured: 03.02.2025

Warning electrical hazard. The module produces electricity when exposed to light.
CAUTION: DO NOT DISCONNECT UNDER LOAD

Attention: Ne pas déconnecter sous tension.

For full connection, use min. 4 mm² (12 AWG) UL PV wire (rated for a min. of 90°C)
Made in Singapore by REC SOLAR PTE. LTD. Tel: +65 6330 1200
20 TANG SOUTH AVENUE 11, SINGAPORE 630702, SINGAPORE

Full Data Center: REC Solar EMEA GmbH
Rathenau 73a, 61541 Nauheim, Germany. Tel: +49 (0) 55 442-45590
For other regions: www.rec-solar.com

REC REC Alpha Pure-RX Series
REC460AA Pure-RX
Serial Number: FBB-7006351726

Power Output (Pmax)	460 W
Watt Class Sorting	0/+10 W
Power Production Tolerance	+/- 3 %
Rated Voltage (Vmppt)	54.9 V
Rated Current (Imppt)	8.38 A
Open Circuit Voltage (Voc) (+/- 3%)	65.2 V
Short Circuit Current (Isc) (+/- 3%)	8.88 A
Maximum System Voltage (Vsys)	1000 V
Maximum Series Fuse (DC)	25 A
Maximum Design Load	+4000 / -2000 Pa*
Module Tempmax	70°C
Connector	Scrub / PV-KST4-KBT4

Values at STC: 1000 W/m², 1.5, 25°C

CE **UK** **CA**

Manufactured: 12.02.2025

Warning electrical hazard. The module produces electricity when exposed to light.
CAUTION: DO NOT DISCONNECT UNDER LOAD

Attention: Ne pas déconnecter sous tension.

For full connection, use min. 4 mm² (12 AWG) UL PV wire (rated for a min. of 90°C)
Made in Singapore by REC SOLAR PTE. LTD. Tel: +65 6330 1200
20 TANG SOUTH AVENUE 11, SINGAPORE 630702, SINGAPORE

Full Data Center: REC Solar EMEA GmbH
Rathenau 73a, 61541 Nauheim, Germany. Tel: +49 (0) 55 442-45590
For other regions: www.rec-solar.com

REC Alpha Pure-RX Series
REC460AA Pure-RX
 Serial Number: FBB-7006357226

Power Output (Pmax)	460 W
Max. Class Rating	0 + 10 V
Power Production Tolerance	± 3 %
Rated Voltage (Vmp)	54.9 V
Rated Current (Imp)	8.38 A
Open Circuit Voltage (Voc)	66.8 V
Short Circuit Current (Isc)	9.88 A
Maximum System Voltage (Vsys)	1000 V
Maximum Series Fuse (DC)	25 A
Maximum Design Load	14000 / 20000 W
Module Rating	70/2
Connector	MC4E 3P/5P/4P/5P/4
Dimensions (mm)	1660 x 1000 x 40

CE **UK CA**

Warning: Shock Hazard. Do not touch the solar cells or the junction box. **CAUTION: DO NOT DISCONNECT UNDER LOAD**
 Attention: Risque de choc électrique. Ne pas déconnecter sous charge.
ATTENTION: NE PAS DÉCONNECTER SOUS TENSION

For REC products, see the 4-point 24-hour REC warranty on the back of the module.
 Made in Germany by REC Solar Energy Ltd. © 2020 REC Solar Energy Ltd.
 20 Thackley Drive, Suite 100, Charlotte, NC 28226, USA
 REC Solar Energy Ltd. 2020. All rights reserved.
 REC Solar Energy Ltd. 2020. All rights reserved.

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338226

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338574

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338591

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338593

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338595

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338597

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338599

REC **REC460AA Pure-RX**
 Pmax: 460 W
 Imp: 8.38 A
 Vmp: 54.9 V
 FBB-7006338601

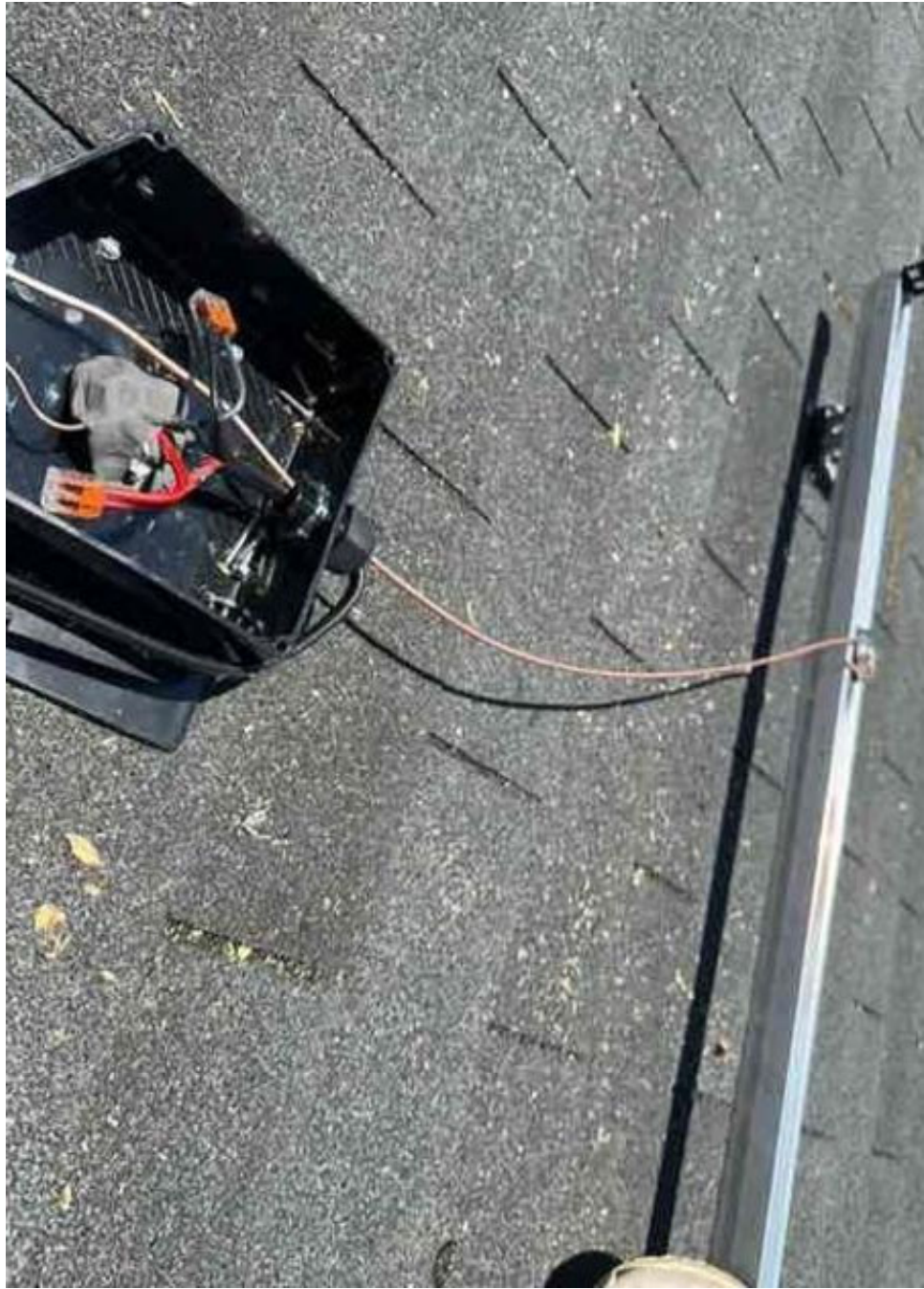


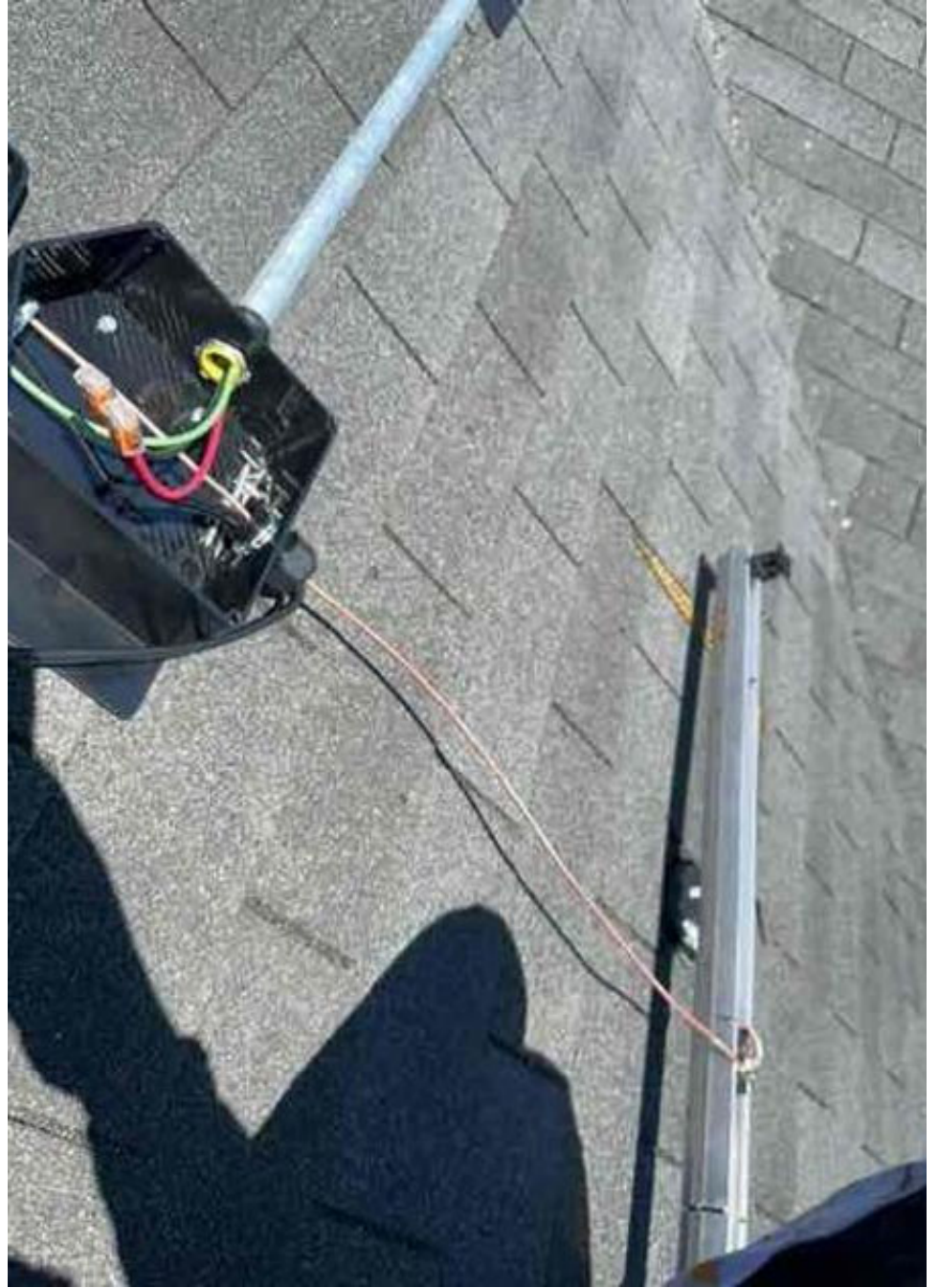






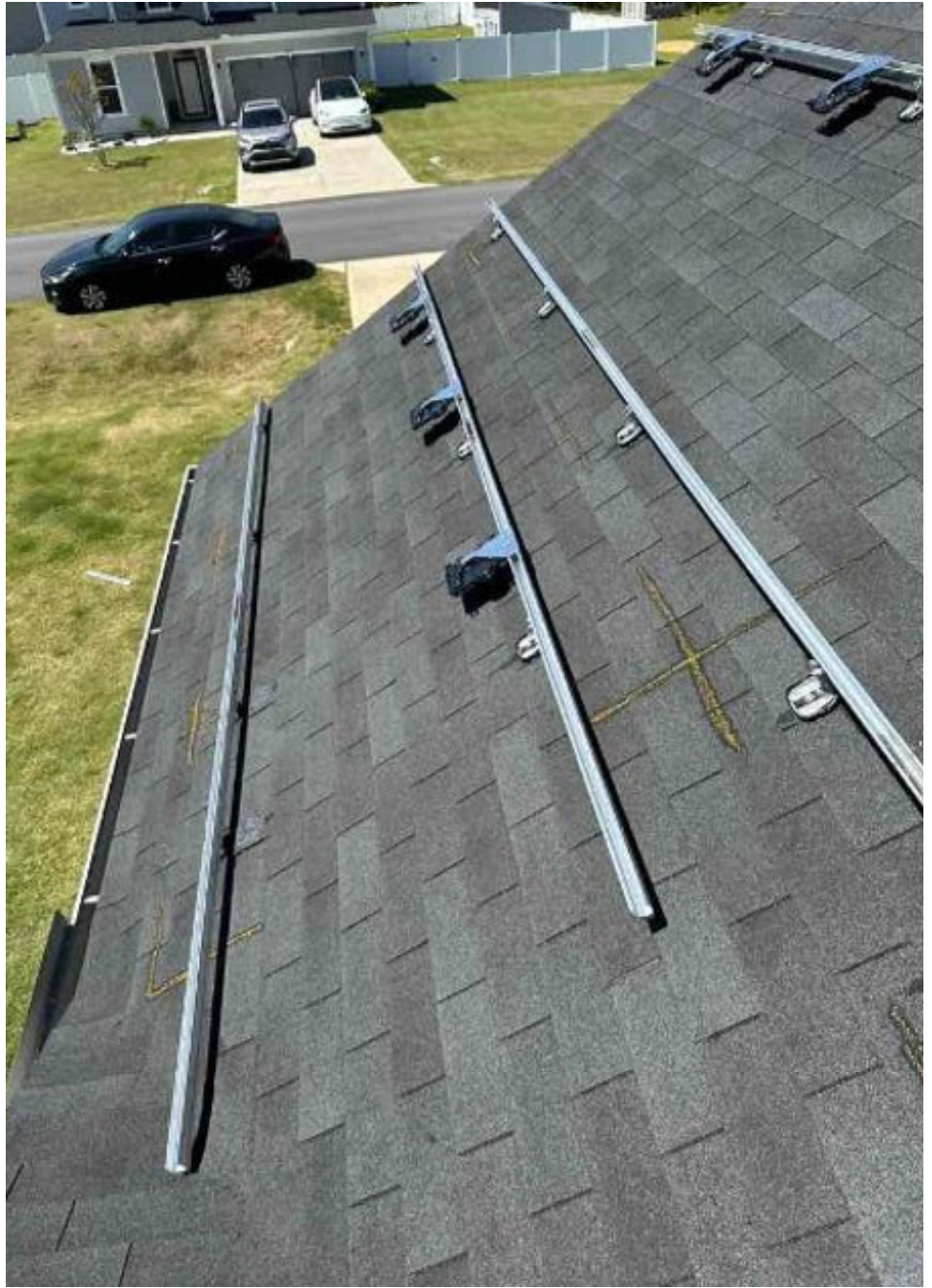


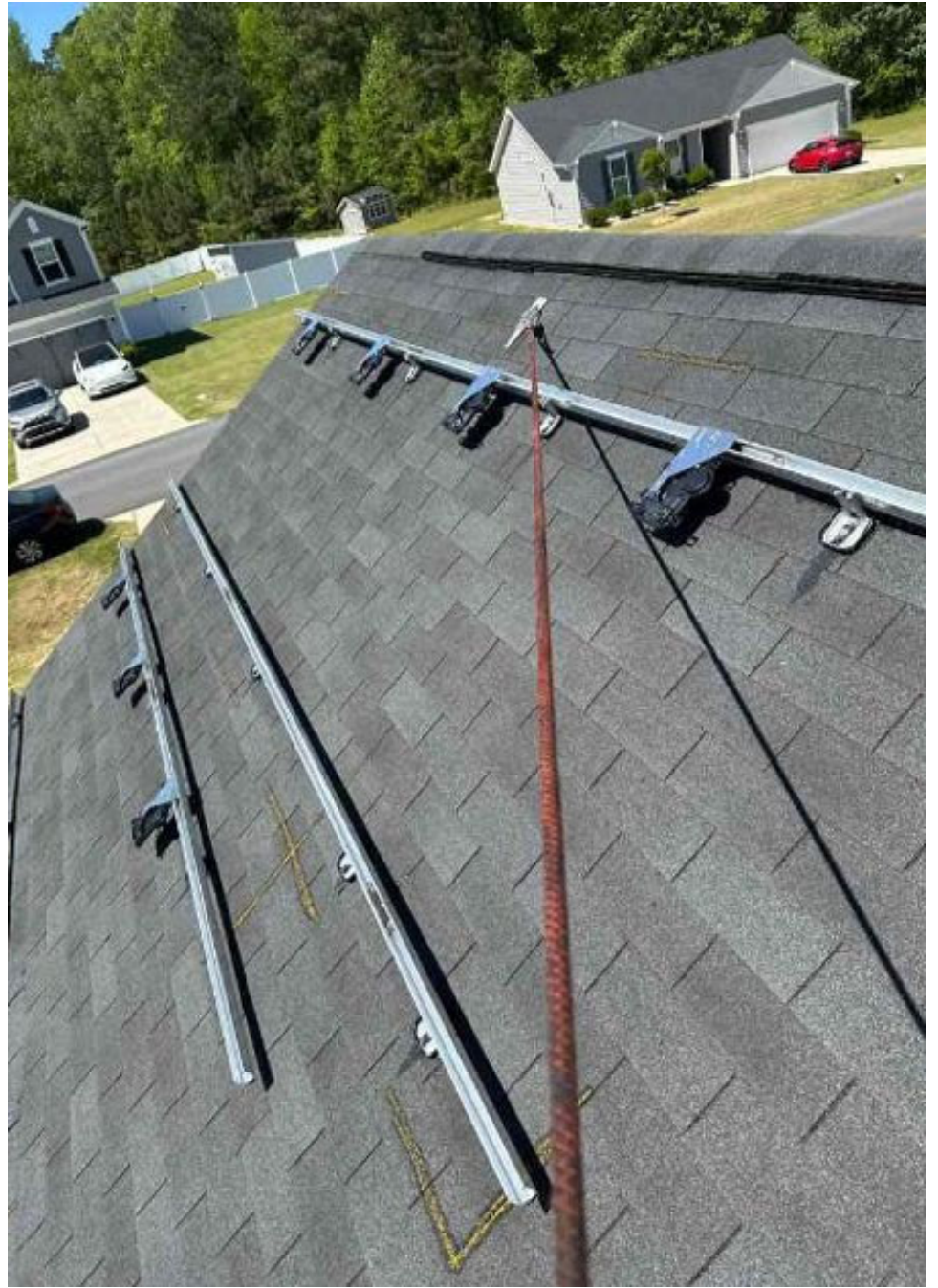


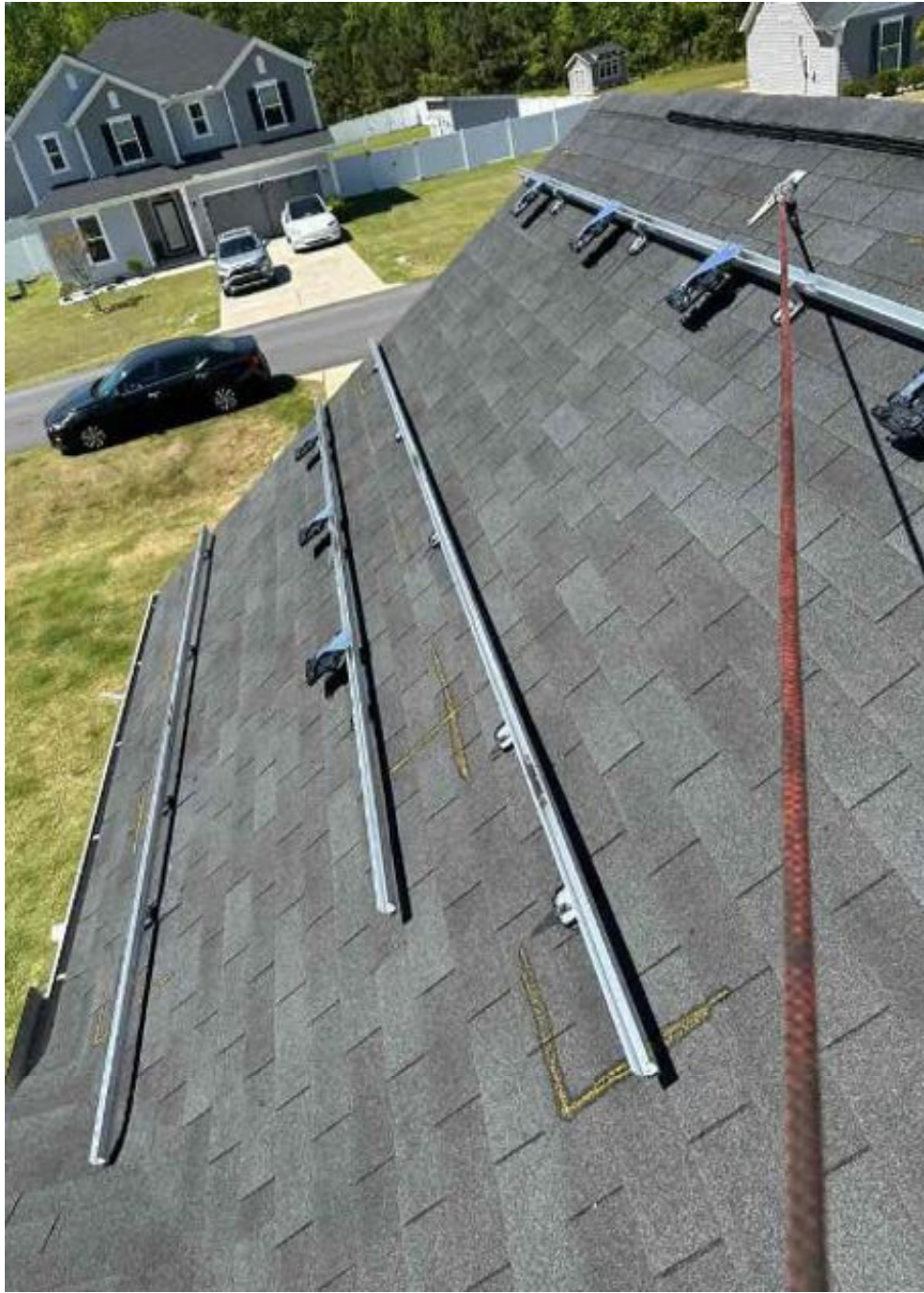




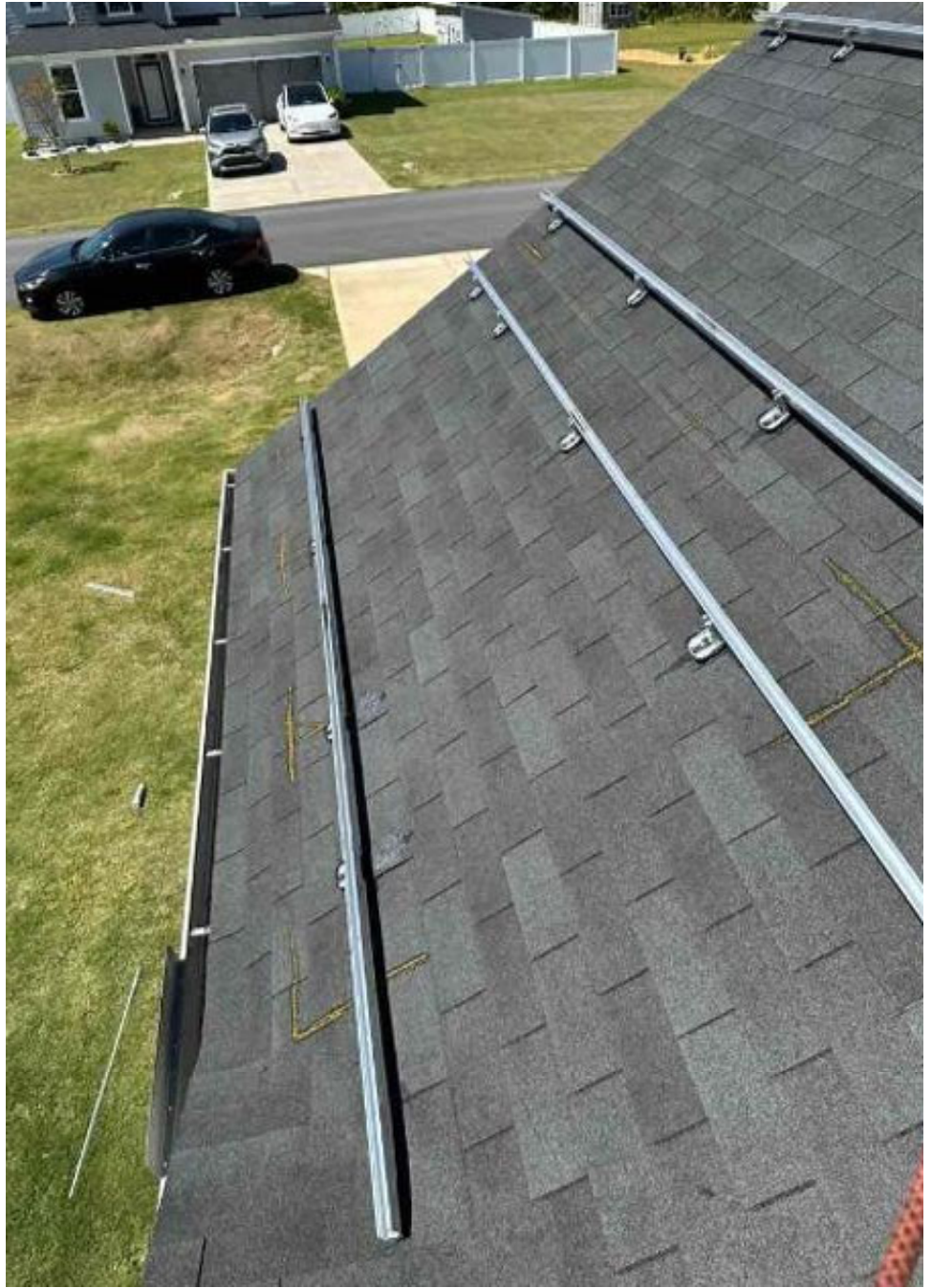


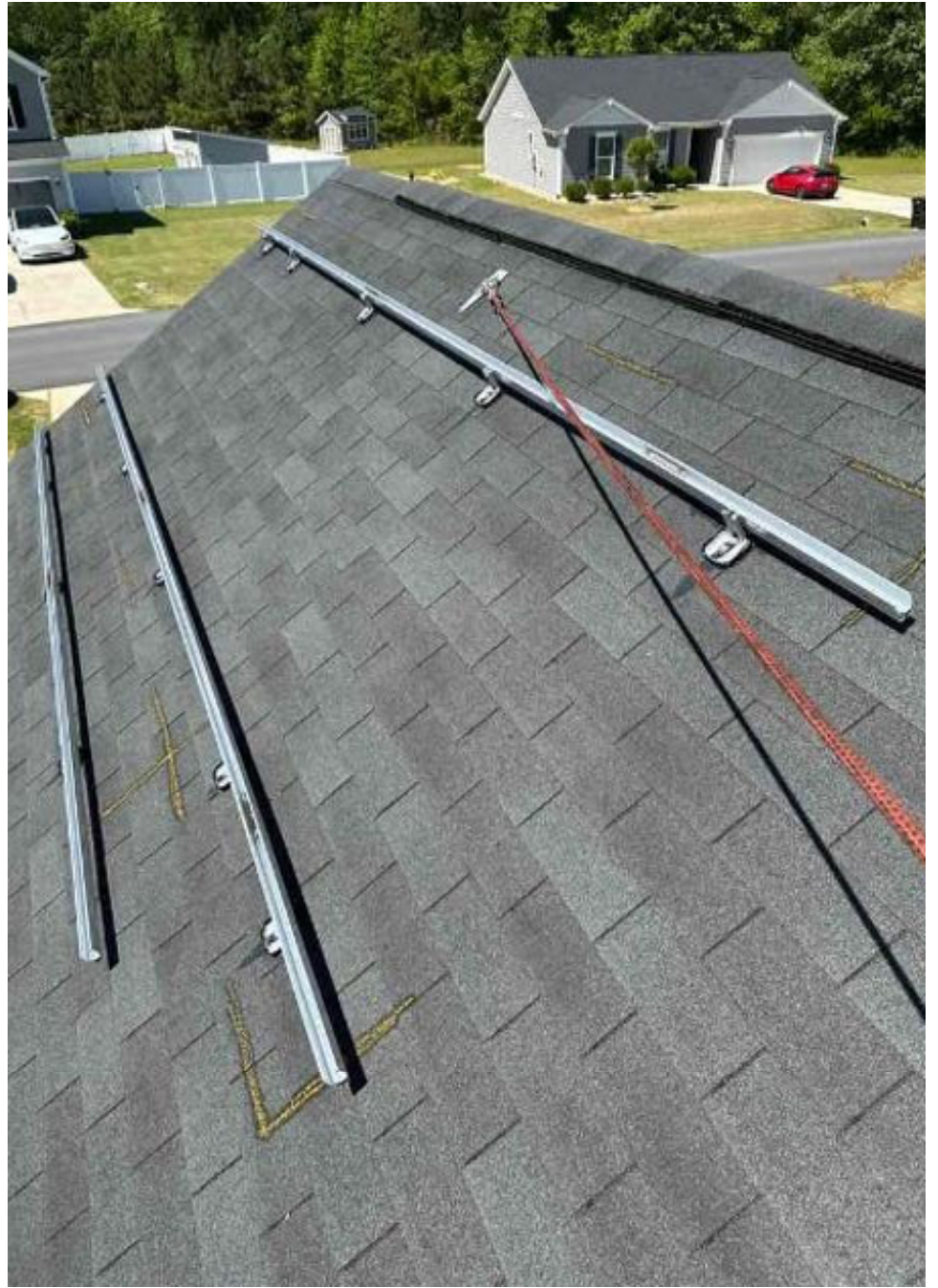








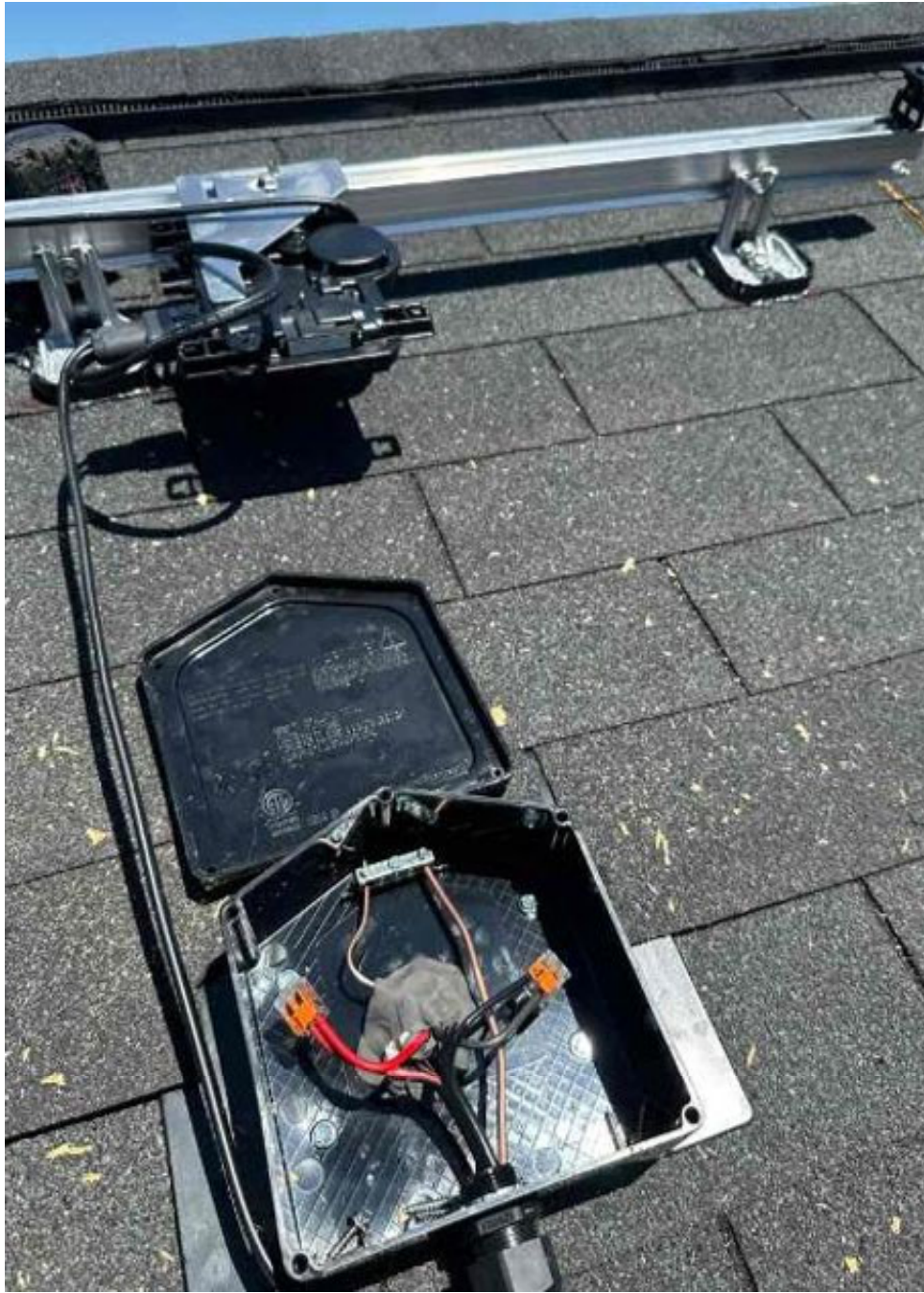


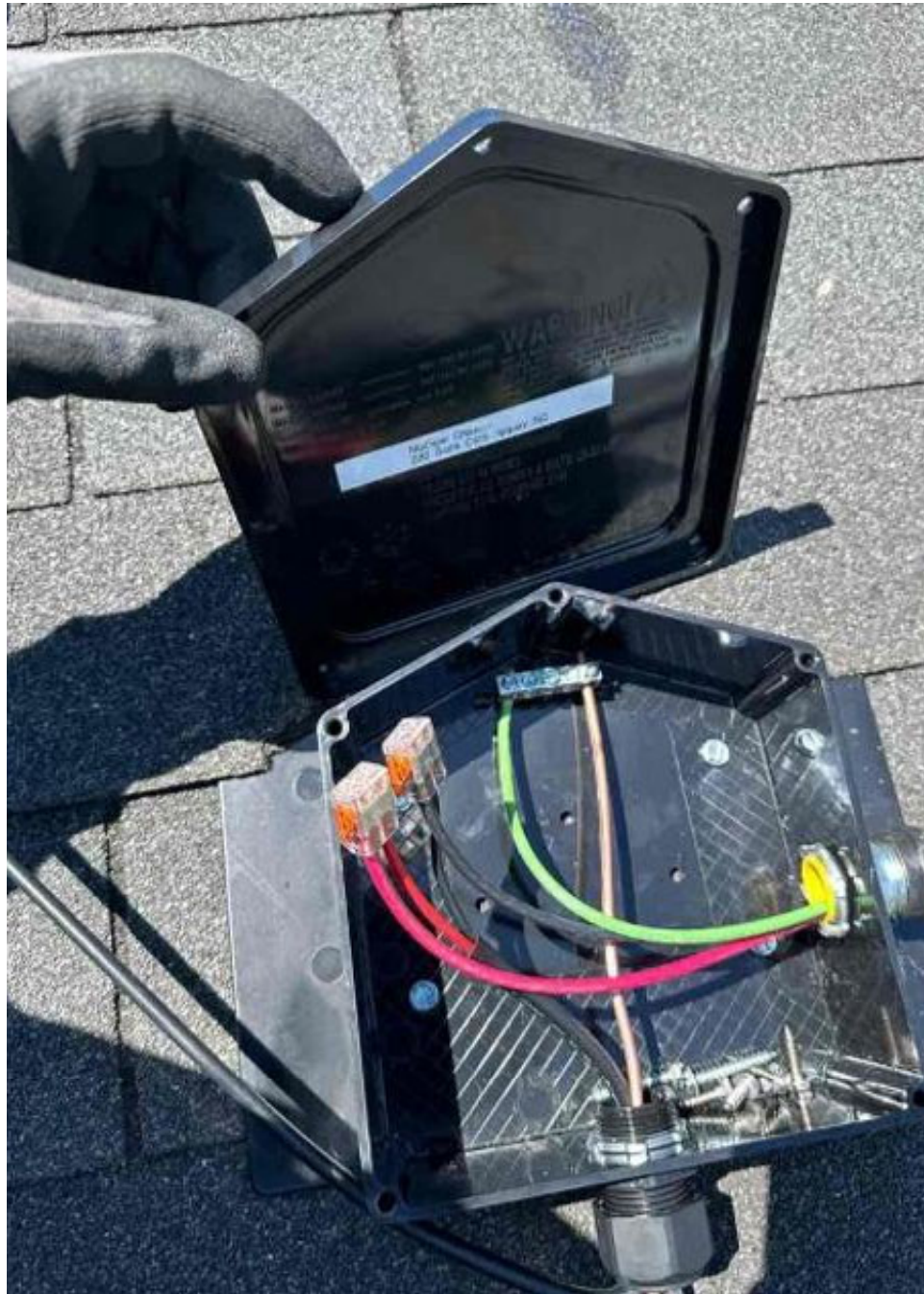


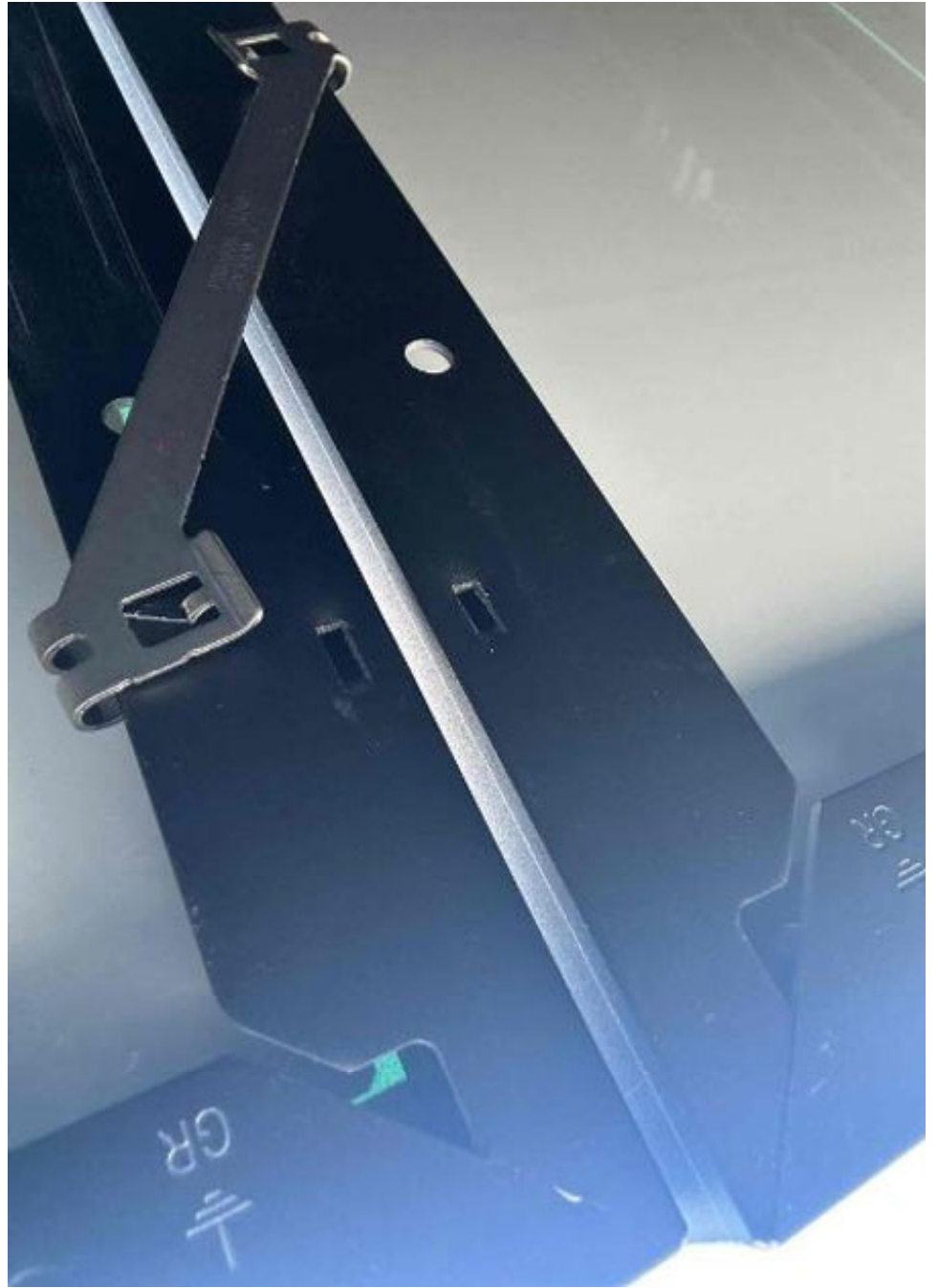




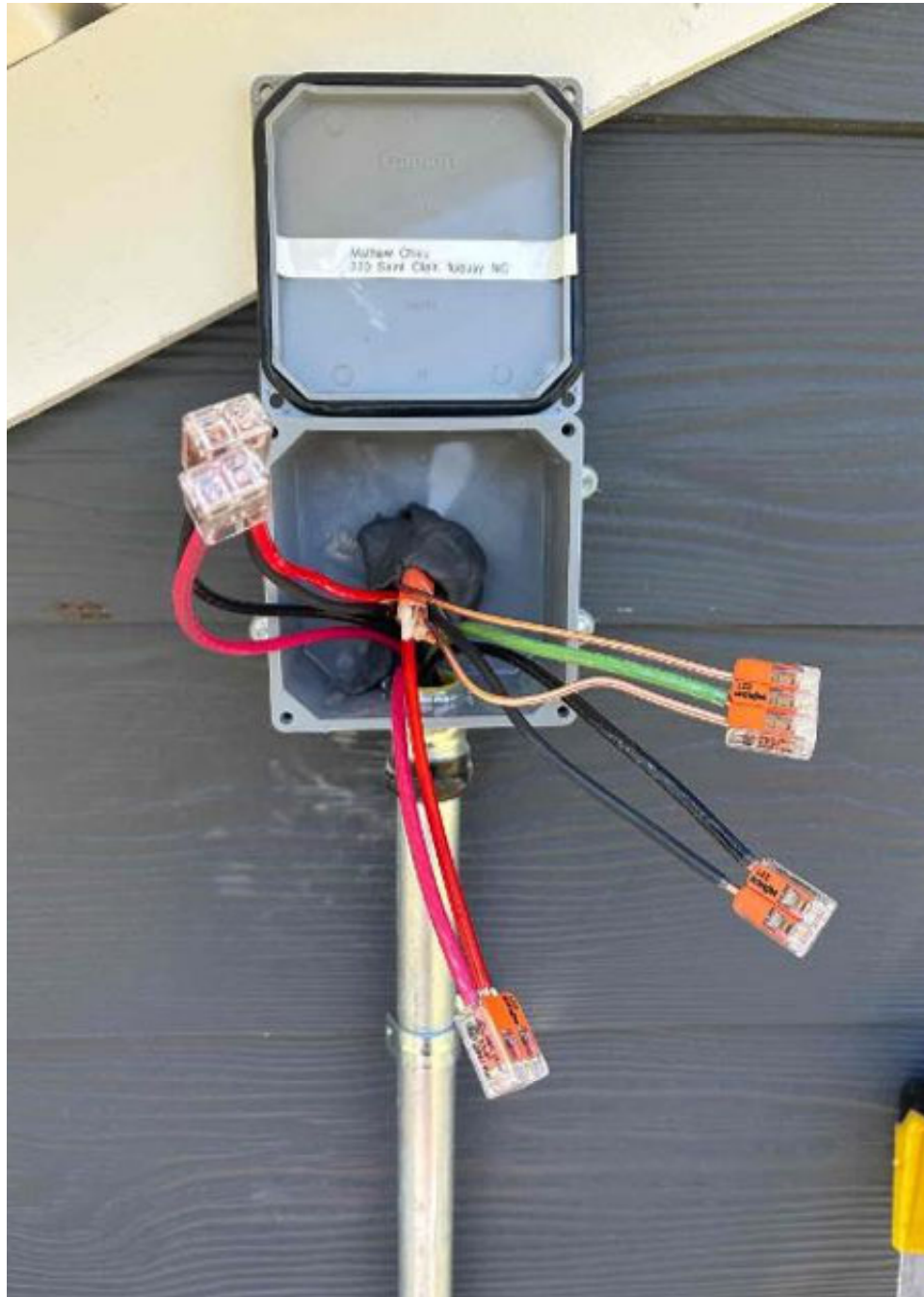


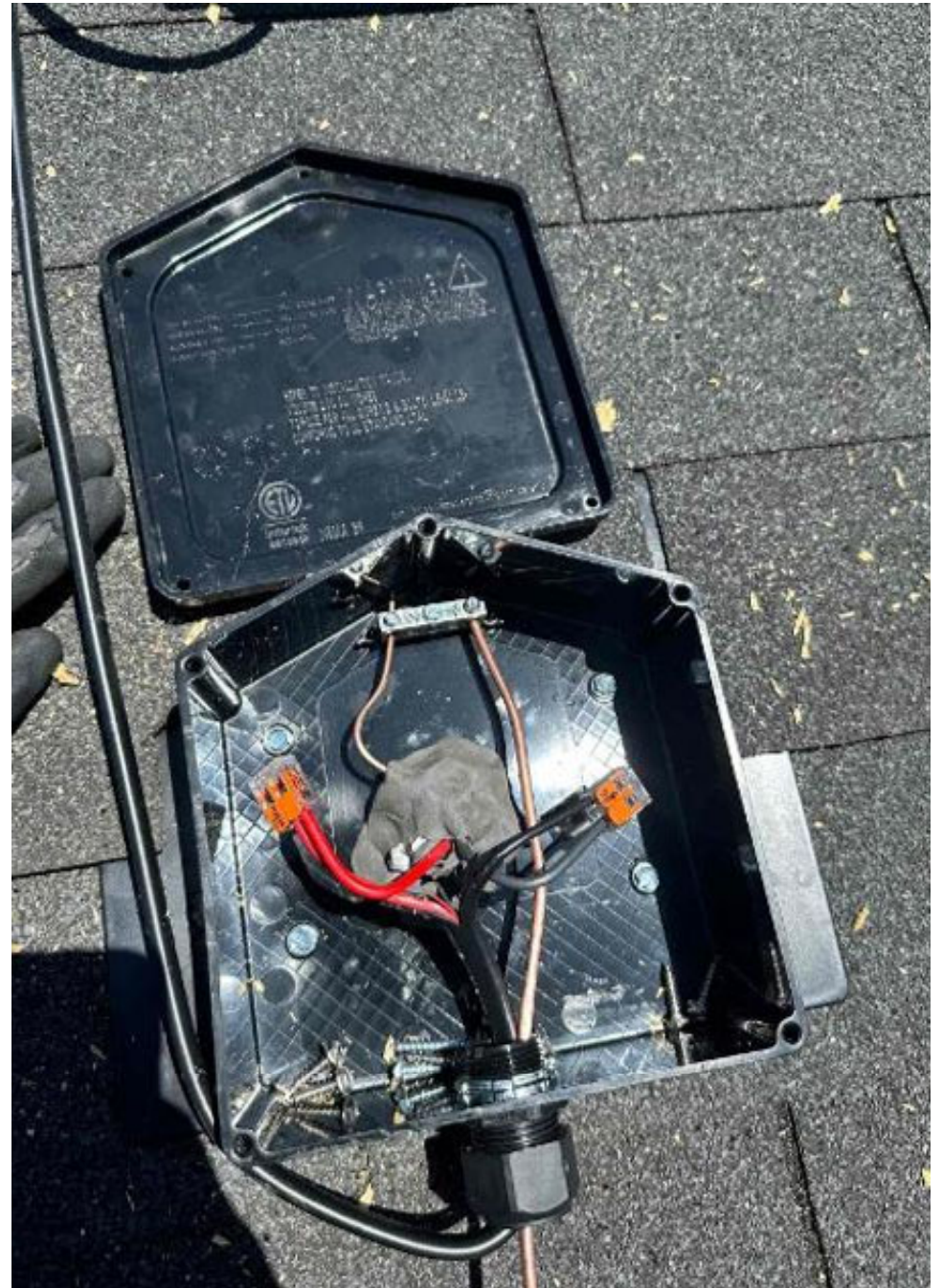












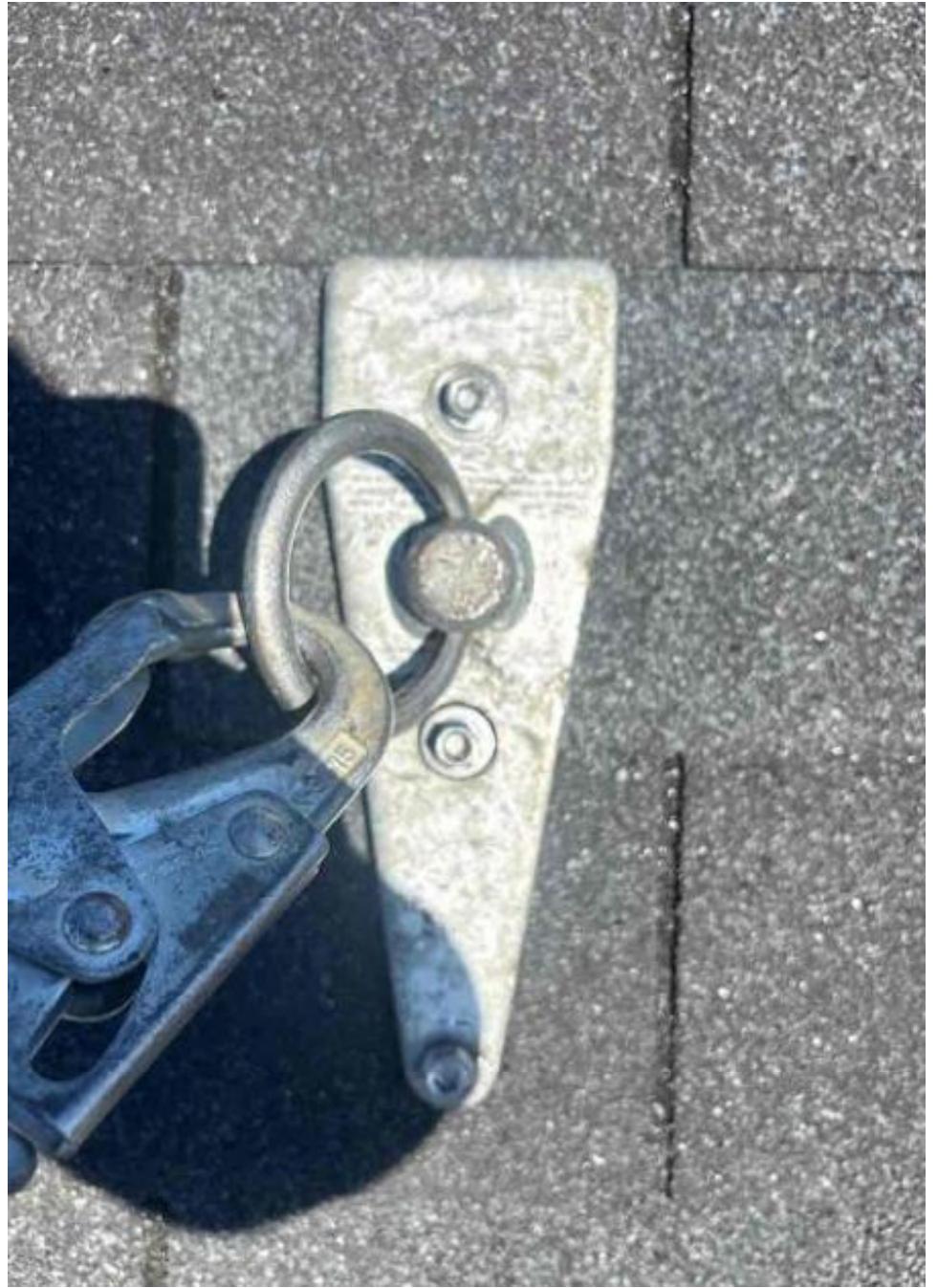


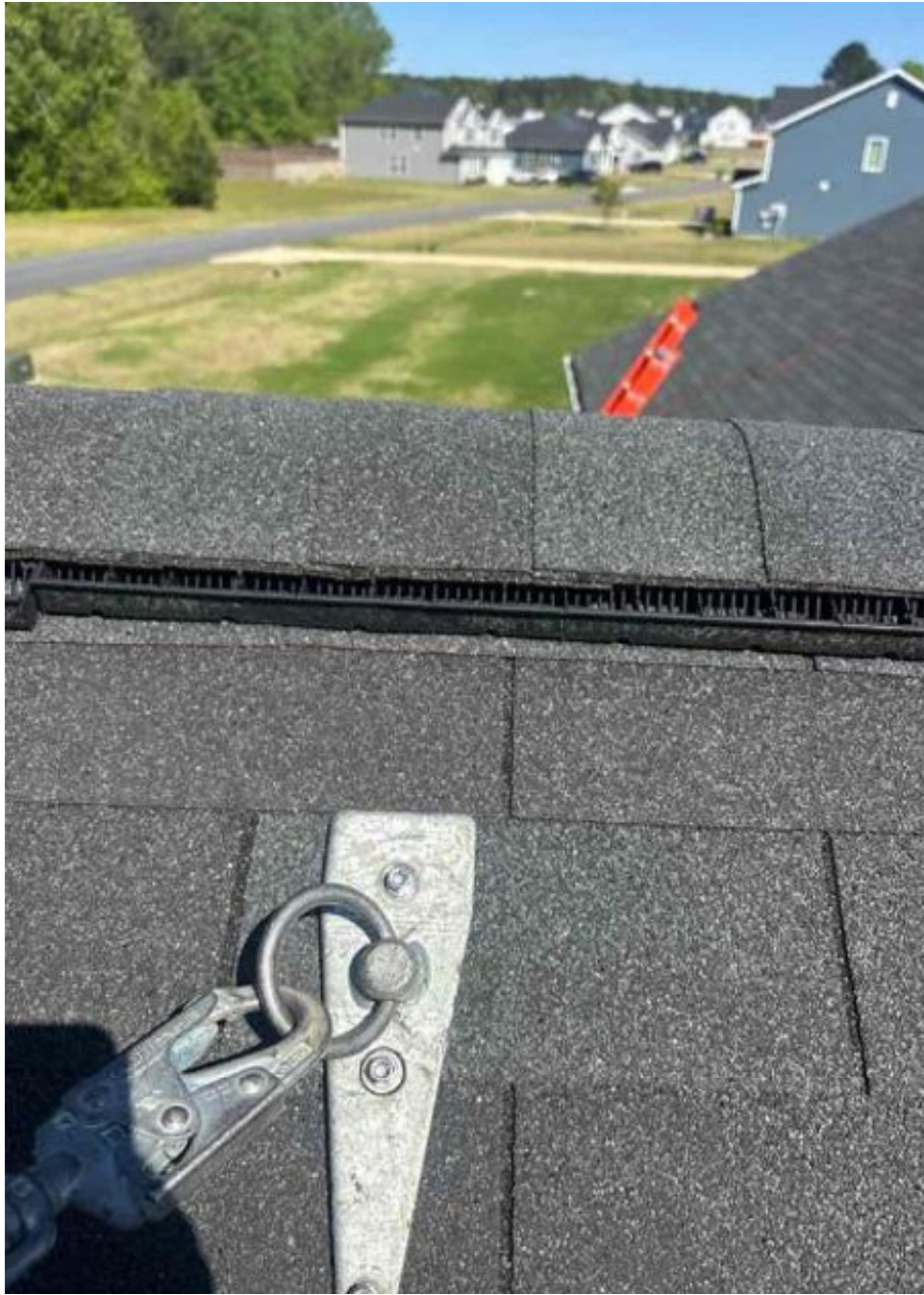














Job Hazard Analysis

Customer Name: **Matthew Chau**
 Address: **270 Saint Clair Dr, Frying Union, NJ 07825**
 Date: **04/17/25**

Job Title: **BLUE RAVEN**

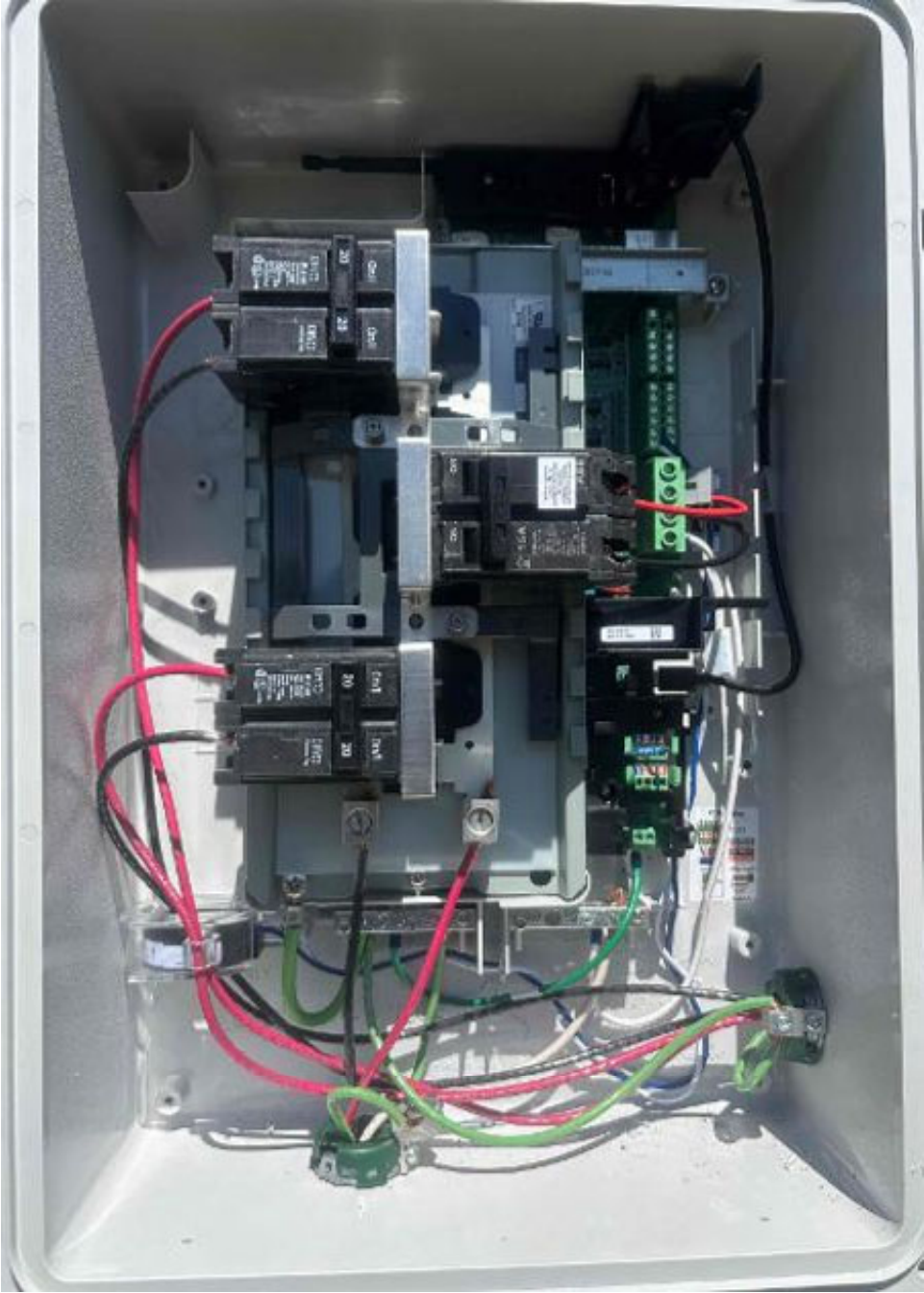
Activity	Hazards	Controls/Measures	Confirms
Set up work area	Fall hazard	Use caution when working on roof. Use proper fall protection.	EP
Remove old siding	Tools from roof, Lick from roof	Use proper technique to remove siding. Use proper fall protection.	EP
Work in roof (25' high) to remove (200%) siding	Tools from roof, Lick from roof	Use proper technique to remove siding. Use proper fall protection.	EP
Working within the GUT	Tools from roof, Lick from roof	Use proper technique to remove siding. Use proper fall protection.	EP
Install new siding	Tools from roof, Lick from roof	Use proper technique to install siding. Use proper fall protection.	EP
Final clean up	Tools from roof, Lick from roof	Use proper technique to clean up. Use proper fall protection.	EP

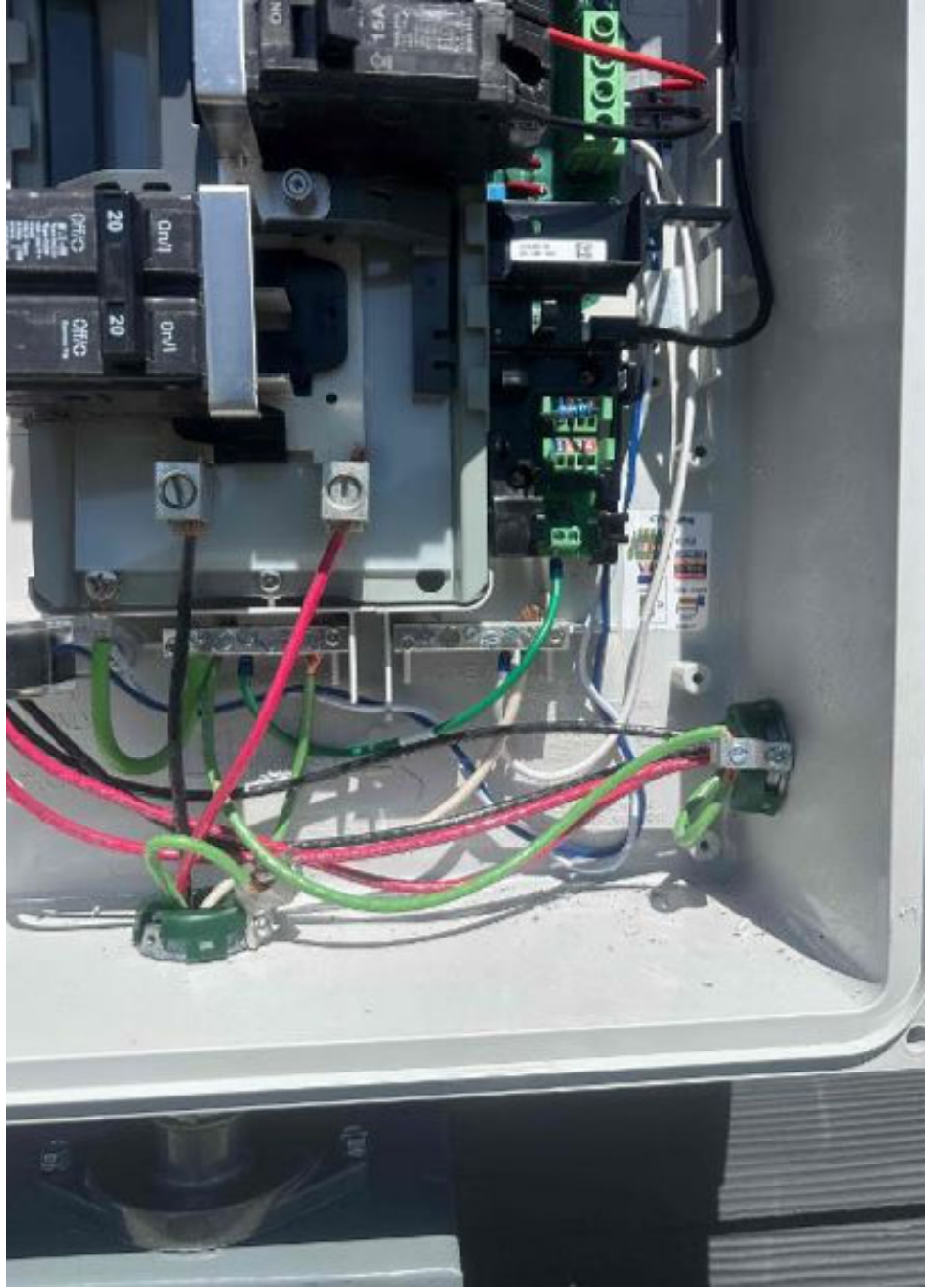
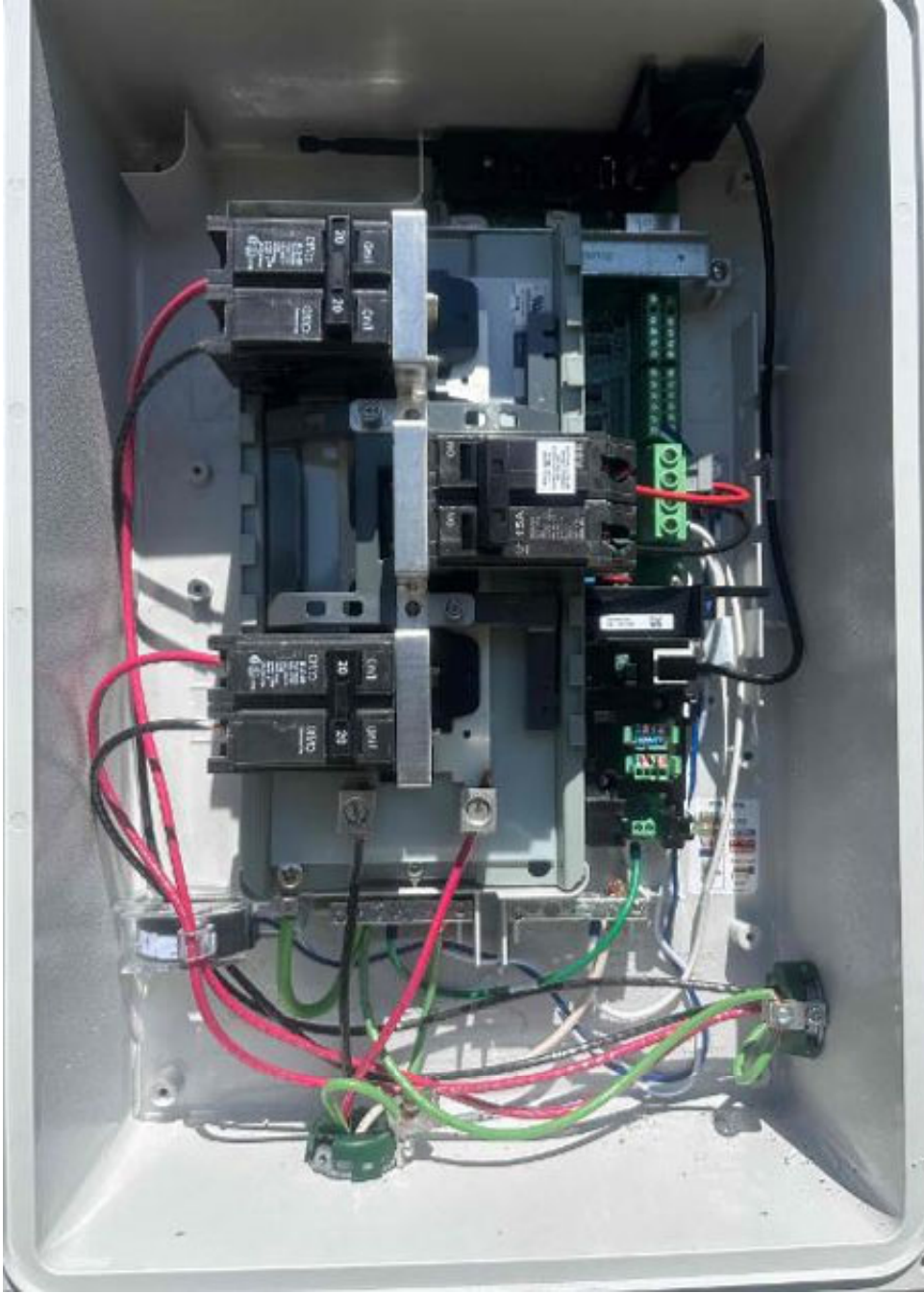
Crew Members: **3**
 Name: **Rakeysh Chauhan**
 Signature: *[Signature]*
 Date: **04/17/25**

Other Crew Members:
 Name: **Elisabeth Pryor**
 Signature: *[Signature]*
 Name: **Jason Davis**
 Signature: *[Signature]*









Locally and during down (dark red off at night)

Device scan button
Only used by installer during installation or to configure the system.
Disables a 15-minute scan for devices over the power line.

All LEDs
Flashing green when software upgrade is in progress.
Flashing red when IQ Gateway is booting up.

(In PowerUp, LEDs can take up to 30 seconds to glow, while restarting, wait for 2 minutes after powering off the IQ Gateway, before powering it back on.)

ENPHASE.
IQ Combiner 5
Photovoltaic
Combiner Box
X-IQ-AM1-240-5-HDK

Electrical ratings

Voltage	240V ~, 60Hz	UL CERTIFIED SAFETY E341165
DG Breakers	80A MAX (combined)	
DG Inputs	64A MAX (combined)	
Output	65A MAX, 90A MAX feeder OCPD	
Temperature	46°C MAX ambient	FC IQ GATEWAY CONTAINS FCC ID: W52-WG78DEVO IC ID: 10467A-WG78DBVO CTRL BOARD CONTAINS FCC ID: M02-XBEE3 IC ID: 1546A-XBEE3

NOM

Barcode: 202443020676

P/N: 883-02025 17

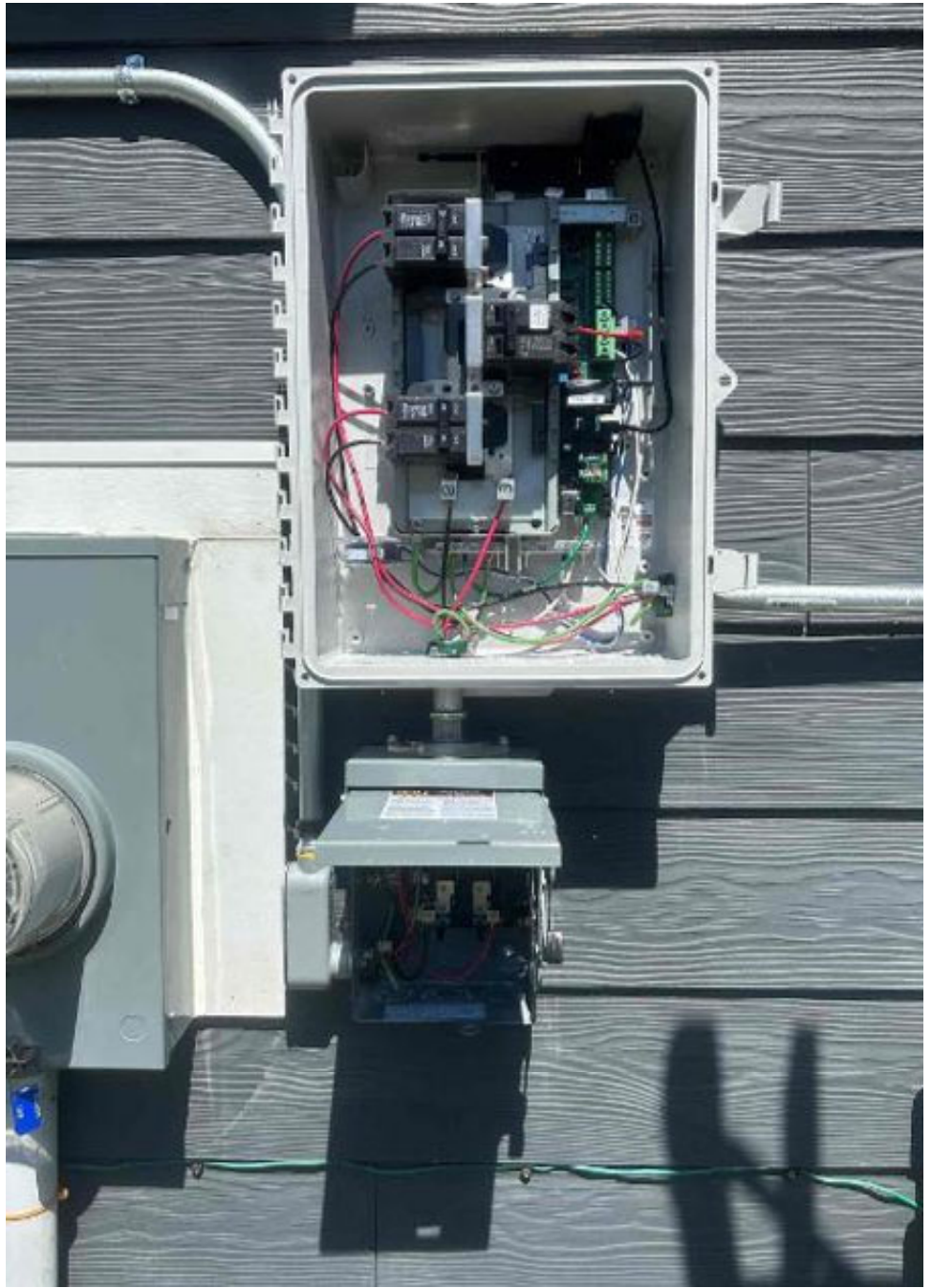
S/N: 202443020676

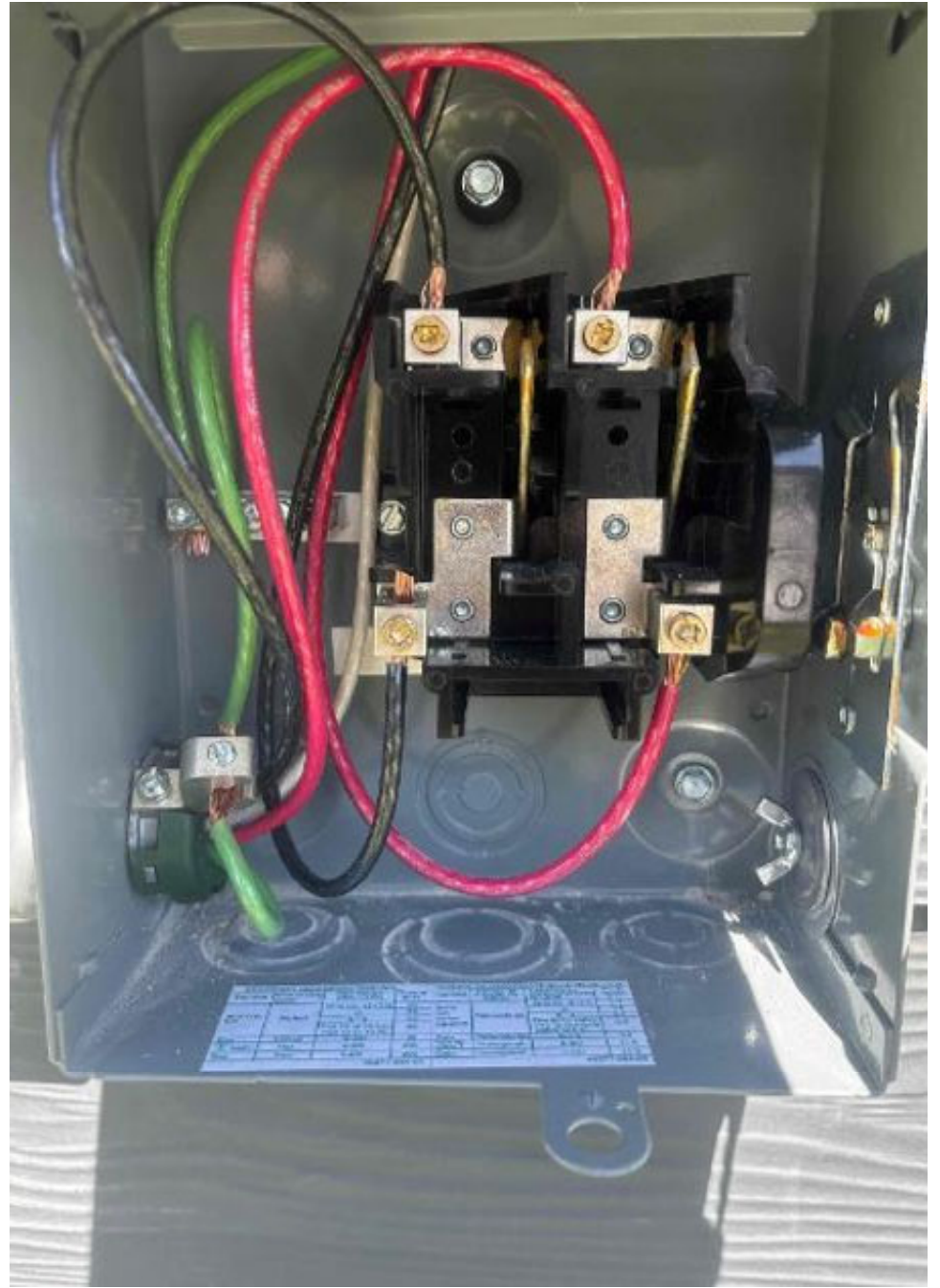
Dedicated solar and DG Combiner Box - do not add loads
10 AMP or 15 AMP IQ Gateway Breaker not used for backfeed

Connection	Wire sizes	Torque	
DG Breaker (1, 2, 3, 4)	14-10 AWG	2.2 Nm (20 lb-in)	
	8 AWG	2.8 Nm (25 lb-in)	
	6-4 AWG	3.0 Nm (27 lb-in)	
60A Circuit Breaker only	4-1/0 AWG	5.0 Nm (45 lb-in)	
IQ Gateway Breaker (5) IQ Gateway Power Terminals	14-10 AWG	2.26 Nm (20 lb-in)	
	14-10 AWG	1.4 Nm (12.4 lb-in)	
Neutral and ground	Large screw	2-1/0 AWG	5.6 Nm (50 lb-in)
		14-3 AWG	5.1 Nm (45 lb-in)
	Small screw	6 AWG	3.6 Nm (32 lb-in)
		8 AWG	2.6 Nm (23 lb-in)
10-14 AWG		2.3 Nm (20 lb-in)	
Main lug	10-4 AWG	5.0 Nm (45 lb-in)	
	3-2/0 AWG	5.6 Nm (50 lb-in)	
CTRL Connectors	CTRL Cables (C1,C2)	18 AWG	0.2 Nm (1.77 lb-in)
	Drain Cables (C3)	18 AWG	0.2 Nm (1.77 lb-in)

Copper conductors only, rated max. 75°C
Follow NEC, NFPA 70, and all local codes.
For DG Breakers larger than 60A, use torque from local code.



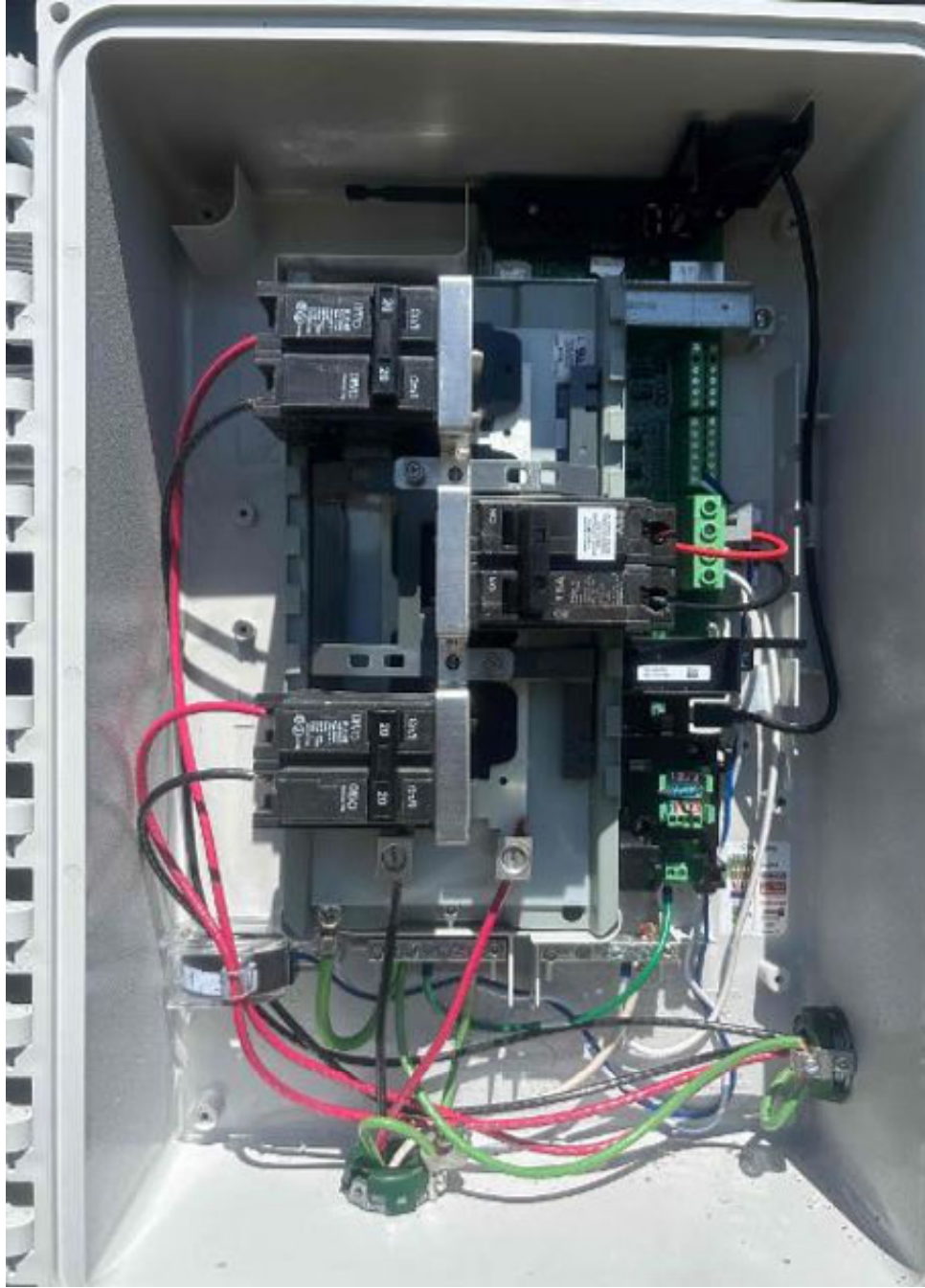


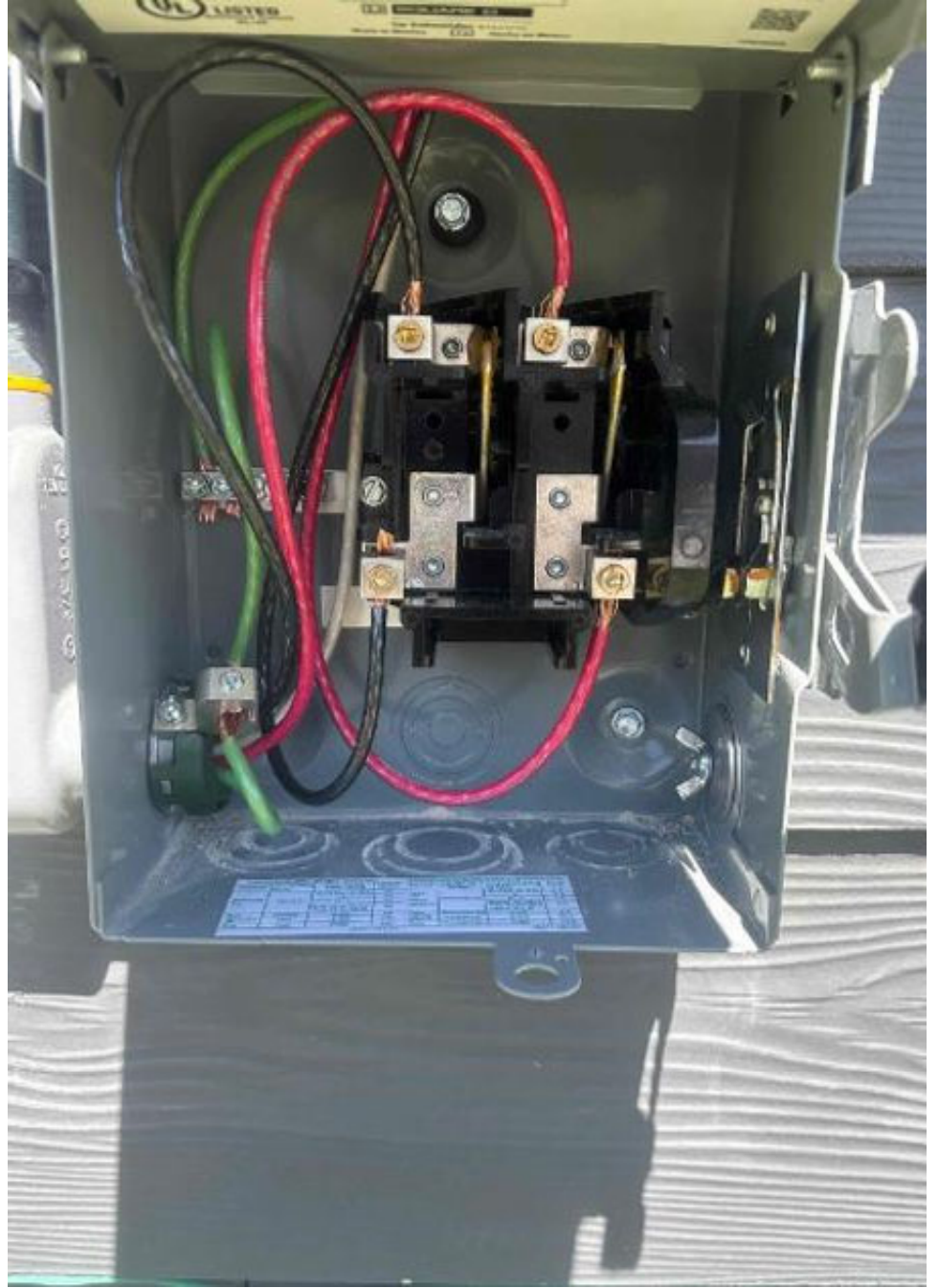
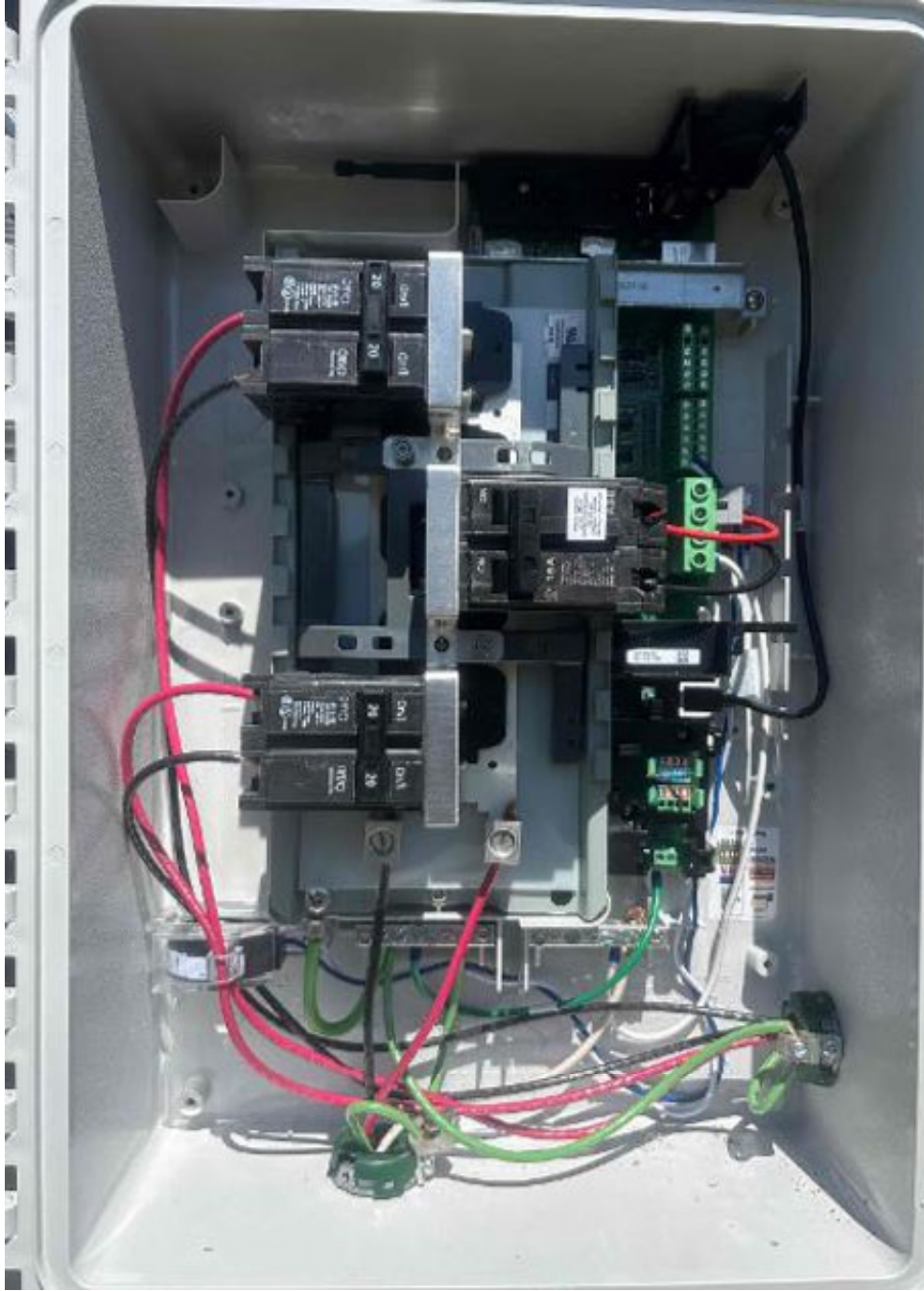














All devices are scanned		
Total device count: 15		Edit device count
IQ Gateway		
✓ 202443020676		
IQ Microinverter & Array		
✓ Scanned		14/14
✓ Provisioned		14/14
✓ Detected		14/14
✓ Communicating		14/14
✓ Array created		2
⚠ Producing power		0/14
✓ Profile set		14/14

System functionality validated successfully



Congratulations

Commissioning process is complete

Provisioning complete. Proceed to next step

✓ Grid Profile Updated
(IEEE 1547 default 2015 (1.0.11))

✓ IQ Microinverters Sent to Gateway (14/14)

[View Details](#)

220 SAINT CLAIR DR
Fuquay Varina, North Carolina 27526
Raleigh Crew 2
Elisah Pryor



Synced

New ▾

Job Setup >

Safety >

Array & Installation >

Roof Leak Prevention >

Attic/ Exterior & Structural Upgrades >

ⓘ IQ Gateway is communicating with Enphase cloud



IQ Gateway connection to the Enphase Cloud:



WiFi

SpectrumSetup-93



Ethernet



Cellular

[Disconnect from IQ Gateway](#)

