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# HISTORIC DISTRICT COMMISSION

APRIL 8, 2025

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Rooftop  
Solar Panel Installation

Gurlitz Residence  
208 Spring Lane  
Chapel Hill, NC 27514

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# 208 SPRING LANE

## Location Map

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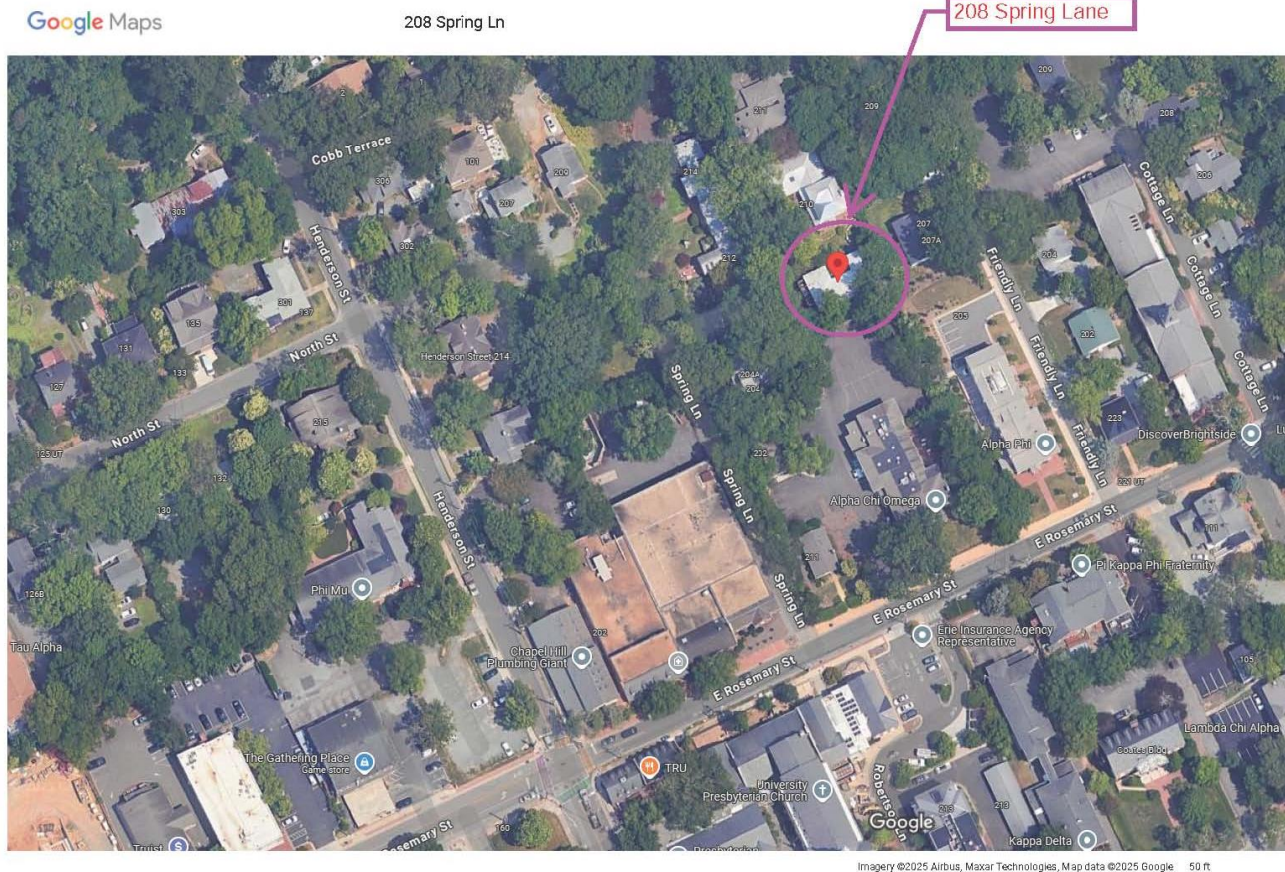
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# 208 SPRING LANE

## Location Photo



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Solar Panel Installation

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# 208 SPRING LANE

## Rear Elevation

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# 208 SPRING LANE

## Front Elevation

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# 208 SPRING LANE

## Rooftop Panel Location Plan

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### PV MATERIAL SUMMARY: DISTRIBUTOR

REC460AA PURE-RX	27
MCI-2	14
Tesla PW3 1707000-xxx-y	1
Tesla CW3 1841000-01-y	1
XR-10-168B	4
XR-10-204B	10
XR10-BOSS-01-M1	8
UFO-CL-01-B1	44
UFO-END-01-B1	20
XR-LUG-03-A1	7
SOLARFOOT	158
TYPE 17-AB, SCREW (2.5")	632
LFT-03-M1	158
QM-JBX-RL02-B1	2
SOLAR MESH-P-8	2
SNRAC 242-04105	75



### CLIENT INFO

TOM GURLITZ  
208 SPRING LN  
CHAPEL HILL, NC 27514

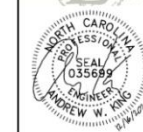
### PROJECT INFO

DC INPUT: 12,420 kW  
AC OUTPUT: 11,580 kW  
DC INSP. METHOD: OPTION 2

### Model Energy

300 Fayetteville St.  
#1430  
Raleigh, NC 27602  
919-274-9905  
ModelEnergy.com

R11194



### CODE REFERENCES

NATIONAL ELECTRICAL CODE v. 2017  
NC FIRE PROTECTION CODE v. 2018  
NC BUILDING CODE v. 2018  
NC RESIDENTIAL CODE v. 2018  
ACSE v. 7-10

### SITE CONDITIONS

WIND SPEED: 120 MPH  
RISK CATEGORY: II  
EXPOSURE: B  
SNOW: 15 PSF

### SHEET INDEX

PV-1: COVER SHEET  
PV-2: PV STRUCTURAL  
PV-3: PV ELECTRICAL  
PV-4: PV EQUIPMENT LABELS  
PV-5: PV INSTALL GUIDE

### VERSIONS

FOR	SYNCHRONIZED	DATE
CONSTRUCTION	NAEP	1/8/2025

PV SYSTEM COVER  
PAGE

PV-1.1

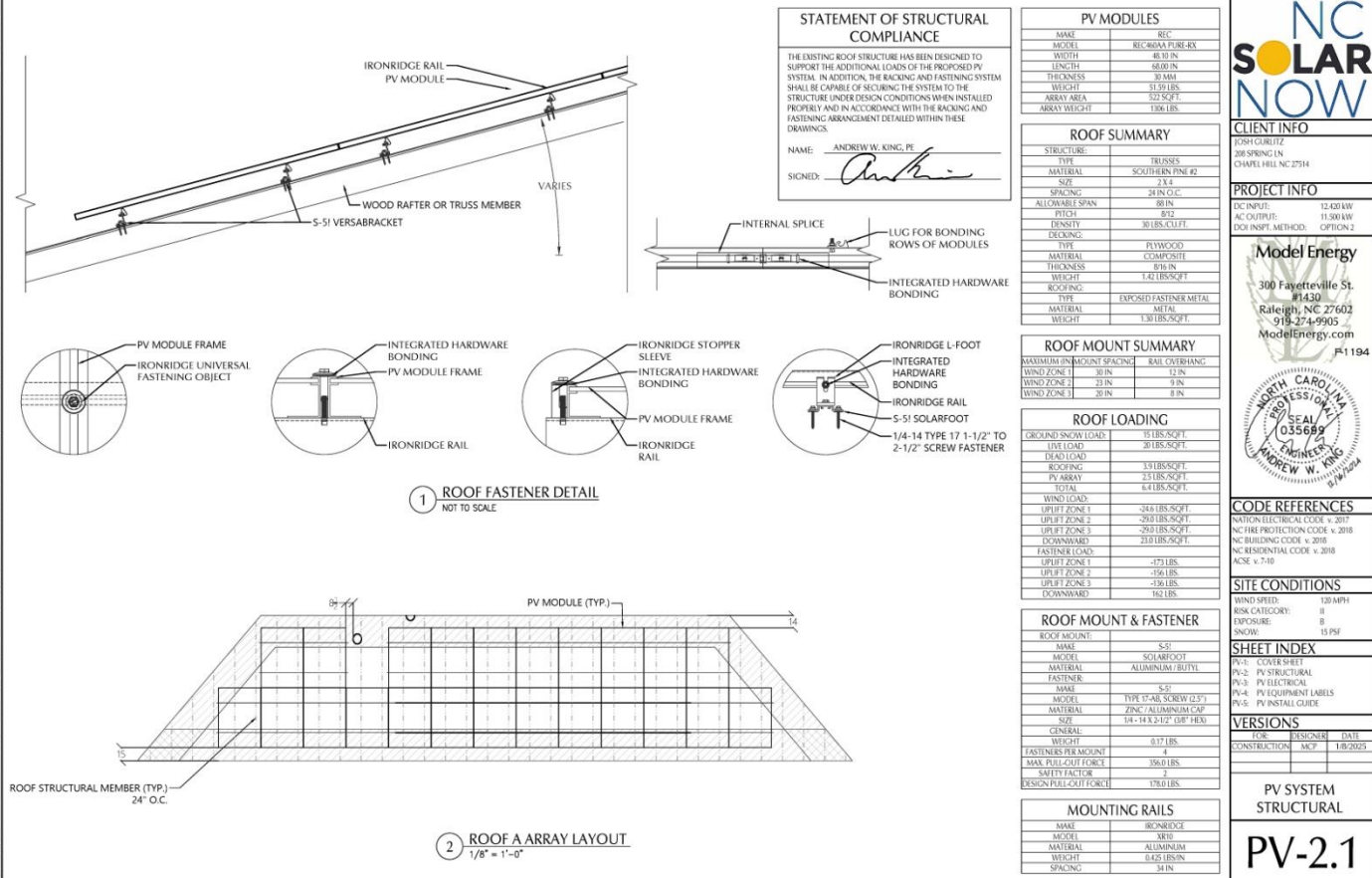


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# 208 SPRING LANE Solar Panel Detailing

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