


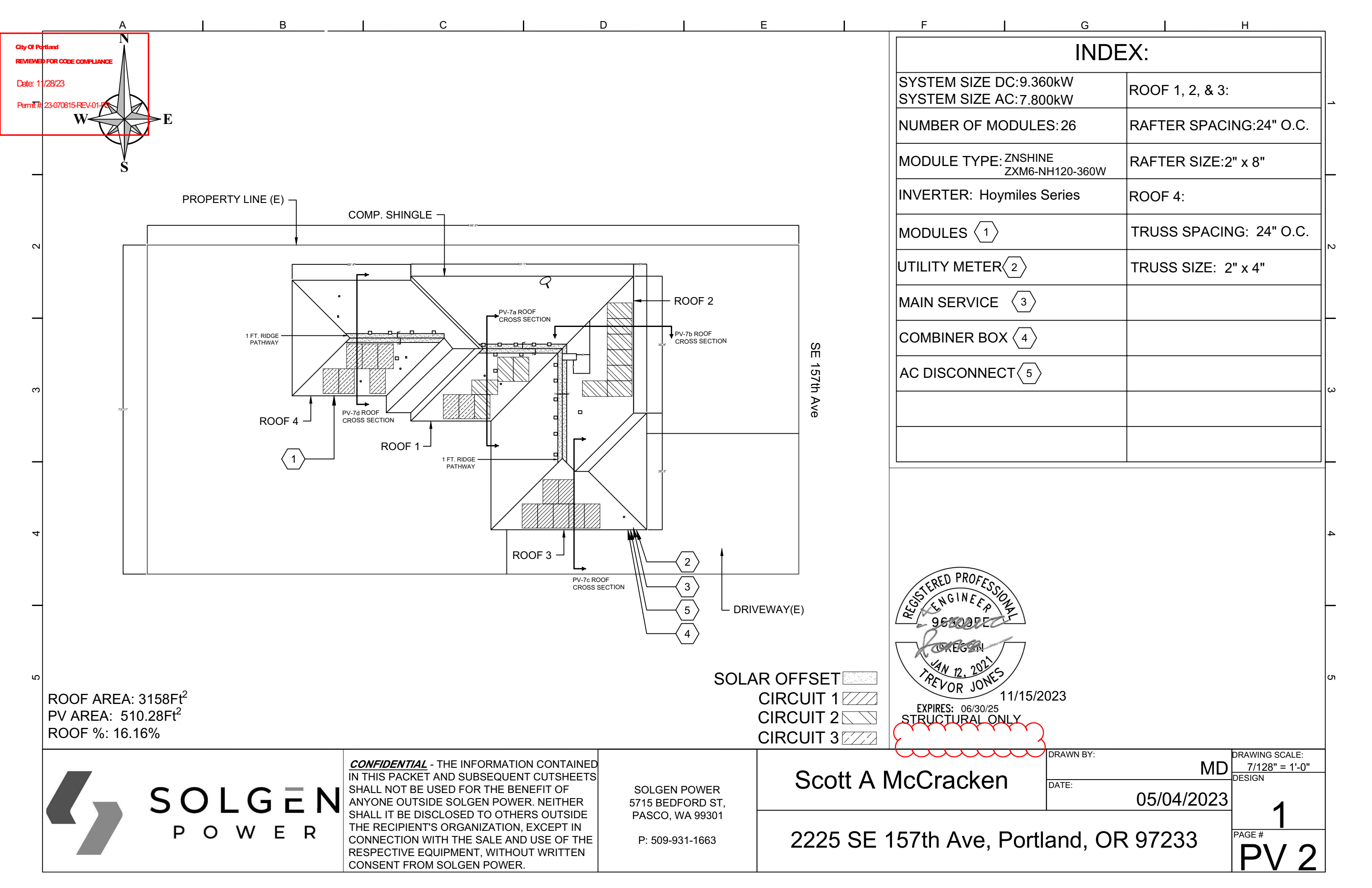
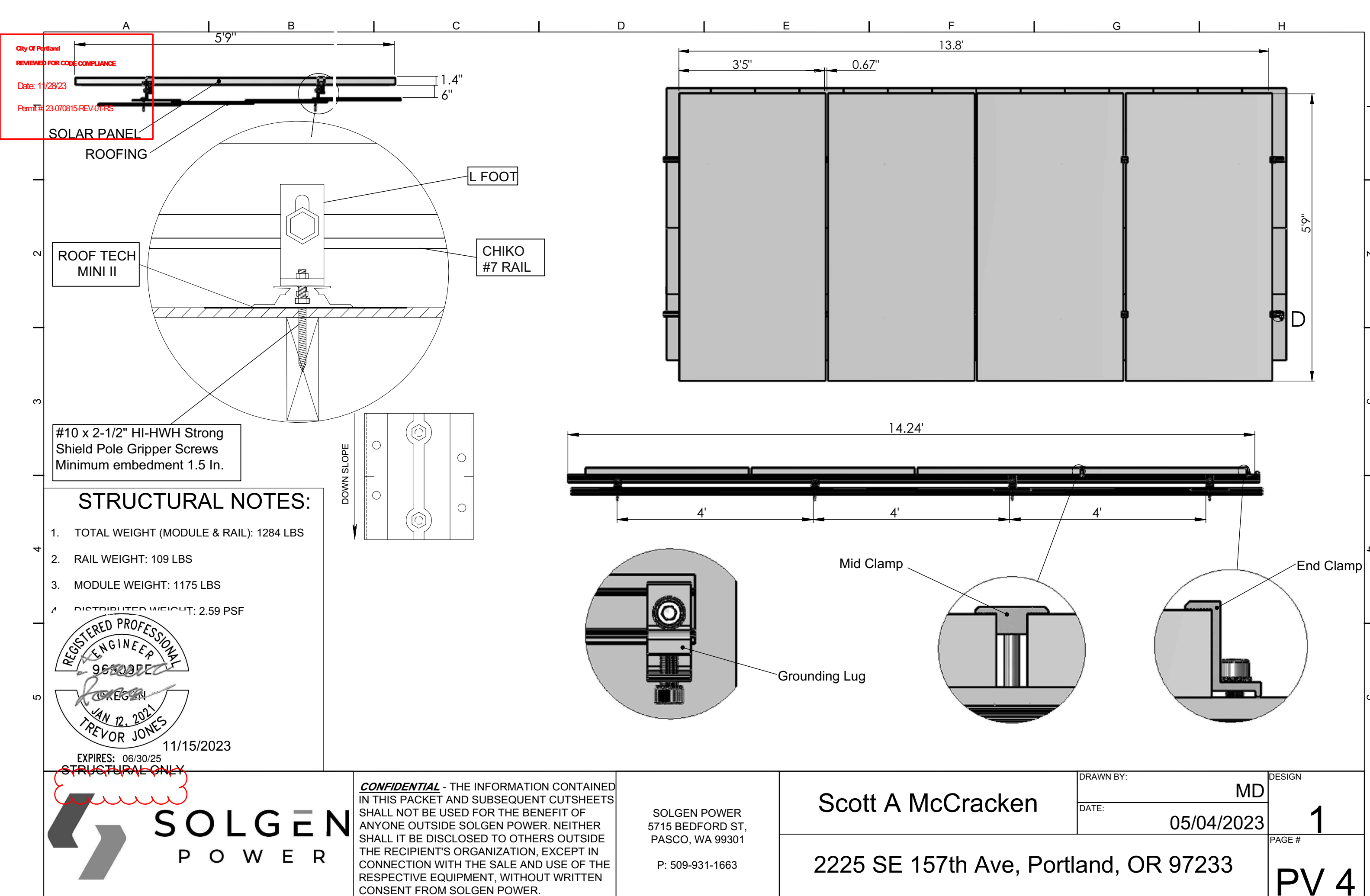


A		B		C		D		E		F		G		H					
City Of Portland REVIEWED FOR CODE COMPLIANCE		AERIAL VIEW						ELECTRICAL NOTES				GENERAL NOTES							
Date: 11/28/23 Permit# 23-070815-REV-01-RS								<div><div>REGISTERED PROFESSIONAL ENGINEER 96300752 OREGON JAN 12, 2021 TREVOR JONES EXPIRES: 06/30/25 STRUCTURAL ONLY</div><div>11/15/2023</div></div>				<div><div>1. WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION, A SIGN WILL BE PROVIDED WARNING OF THE HAZARDS. (PER ART. 690.17)</div><div>2. EACH UNGROUNDED CONDUCTOR OF THE MULTIWIRE BRANCH CIRCUIT WILL BE IDENTIFIED BY PHASE AND SYSTEM. (PER ART. 210.5)</div><div>3. A NATIONALLY RECOGNIZED TESTING LABORATORY SHALL LIST ALL EQUIPMENT IN COMPLIANCE WITH ARTICLE 110.3.</div><div>4. ALL WIRES SHALL BE PROVIDED WITH STRAIN RELIEF AT ALL ENTRY POINTS INTO BOXES AS REQUIRED BY UL LISTING</div><div>5. MODULE FRAMES SHALL BE GROUNDED AT THE UL-LISTED LOCATION PROVIDED BY THE MANUFACTURER USING UL-LISTED GROUNDING HARDWARE.</div><div>6. MODULE FRAMES, RAIL, AND POSTS SHALL BE BONDED WITH EQUIPMENT</div><div>7. THE DC GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED ACCORDING TO ARTICLE 250.166B & 690.47.</div></div>				<div><div>1. PRIOR TO THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL NOTIFY THE DESIGNER OF ANY DISCREPANCIES WITH THE DESIGN IN ANY CAPACITY. ESPECIALLY RECOMMENDATIONS, CODES, OR REGULATIONS & RULES OF THE AUTHORITY HAVING JURISDICTION, WHICH SUPERSEDED THE NEC.</div><div>2. ALL DIMENSIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.</div><div>3. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTIONS, OSHA REQUIREMENTS ETC. FOR THE SITE, INCLUDING EXISTING SITE HAZARDS.</div><div>4. SYSTEM IS GRID INTERACTIVE/INTERTIED VIA A UL LISTED POWER-CONDITIONING INVERTER.</div><div>5. SYSTEM HAS NO ENERGY STORAGE OF ANY KIND, OR UPS.</div><div>6. ALL SOLAR MOUNTING FRAMEWORK TO BE GROUNDED.</div><div>7. FOLLOW MANUFACTURERS SUGGESTED INSTALLATION PRACTICES AND WIRING SPECIFICATIONS.</div><div>8. ALL WORK TO BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODES. (IBC)</div><div>9. ALL ELECTRICAL WORK TO BE IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE (NEC).</div></div>			
		RESIDENCE PHOTO						23-070815 REV 01 RS											
								STRUCTURAL DESIGN CRITERIA											
								<div><div>1. Governing building code: 2022 Oregon Structural Specialty Code</div><div>2. Roof snow load: 20 psf</div><div>3. Wind speed : 97mph (per ASCE 7-16)</div><div>4. Wind exposure category: B</div><div>5. Risk Category: II</div></div>											
								SHEET INDEX											
								PV 1 COVER PAGE				PV 6 MOUNTING DIAGRAM							
								PV 2 SITE PLAN				PV 7 ROOF CROSS SECTION							
								PV 3 ELECTRICAL DIAGRAM				PV 8 ROOF FRAMING PLAN							
								PV 4 CHIKO MOUNTING PAGE				PV 9 PLACARD							
								PV 5 ELEVATION DIAGRAM				CUTSHEETS ATTACHED							
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																PV 1			



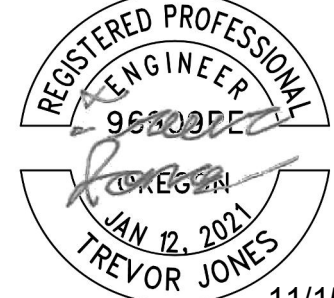


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SOLAR PANEL
ROOFING
L FOOT
CHIKO #7 RAIL
ROOF TECH MINI II
#10 x 2-1/2" HI-HWH Strong Shield Pole Gripper Screws
Minimum embedment 1.5 In.

STRUCTURAL NOTES:

- 1. TOTAL WEIGHT (MODULE & RAIL): 1284 LBS
- 2. RAIL WEIGHT: 109 LBS
- 3. MODULE WEIGHT: 1175 LBS
- 4. DISTRIBUTED WEIGHT: 2.59 PSF



11/15/2023

EXPIRES: 06/30/25

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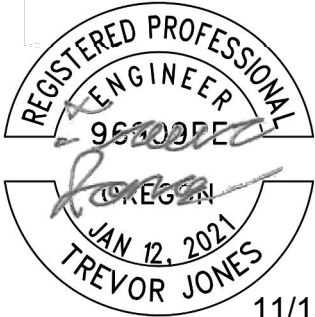
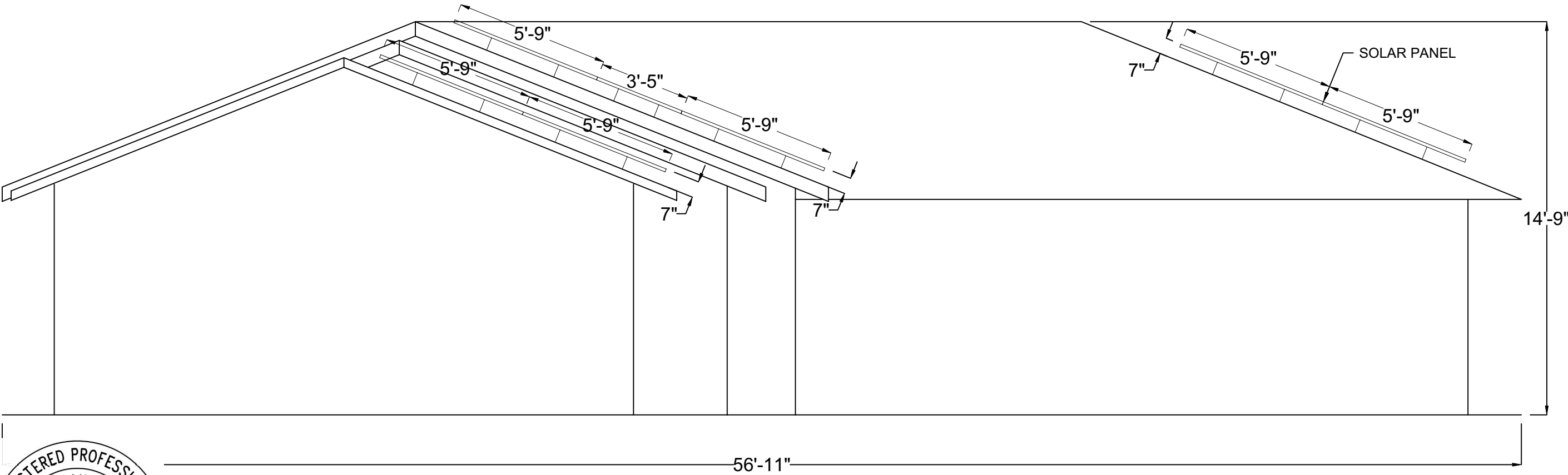
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HOUSE WEST ELEVATION VIEW



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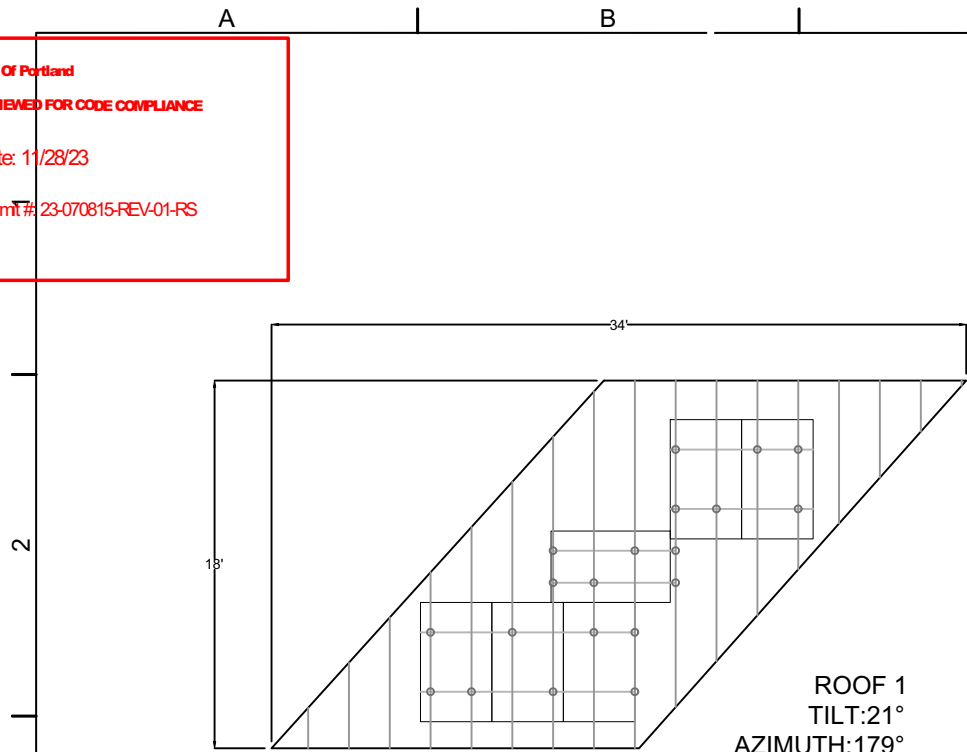
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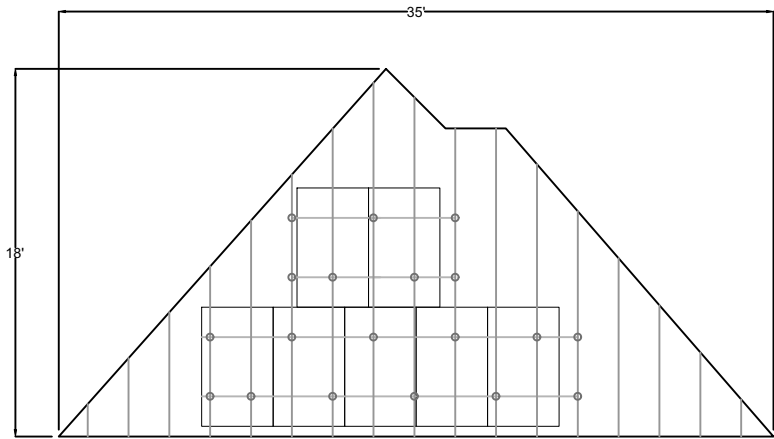
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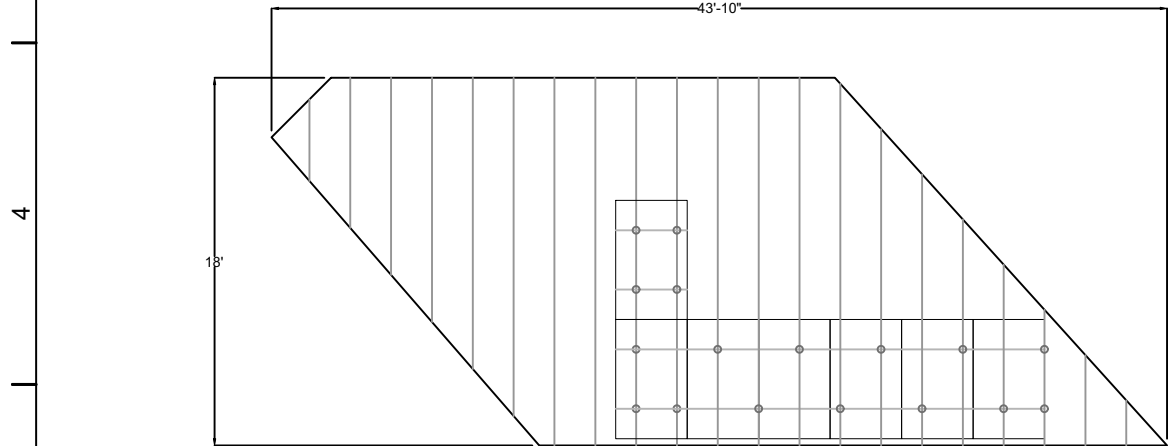
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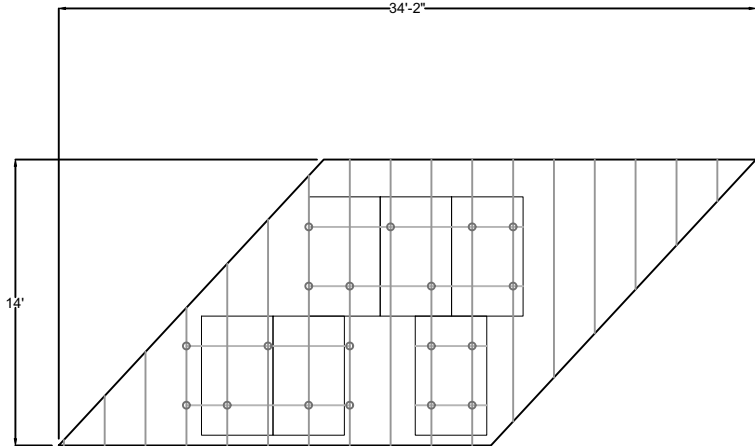
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TILT:21°
AZIMUTH:179°



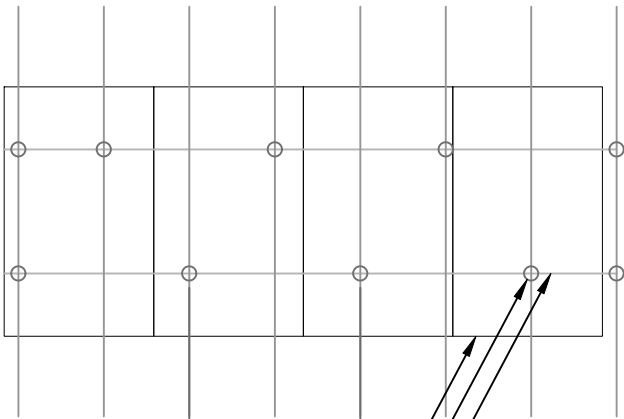
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AZIMUTH:179°



ROOF 2
TILT:18°
AZIMUTH:89°



ROOF 4
TILT:20°
AZIMUTH:179°

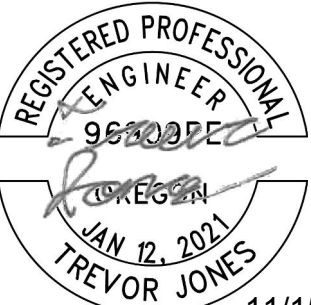


PV MODULE
MOUNTING FEET
CHIKO #7 RAIL

2 MOUNTING DIAGRAM
SCALE: NOT TO SCALE

STRUCTURAL NOTES:

- 1. 48" MAX SPAN OF RAIL TO DISTRIBUTE WEIGHT OVER SUPPORT OF TRUSSES
- 2. MOUNTING FEET ARE IN APPROXIMATE LOCATION.
- 3. MOUNTING FEET SHOULD BE STAGGERED AS SHOWN IN DIAGRAM



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1 MOUNTING DIAGRAM



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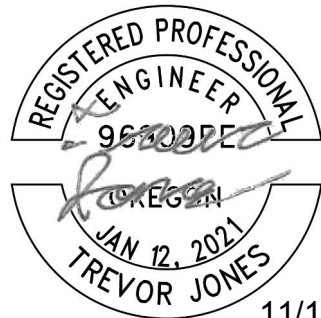
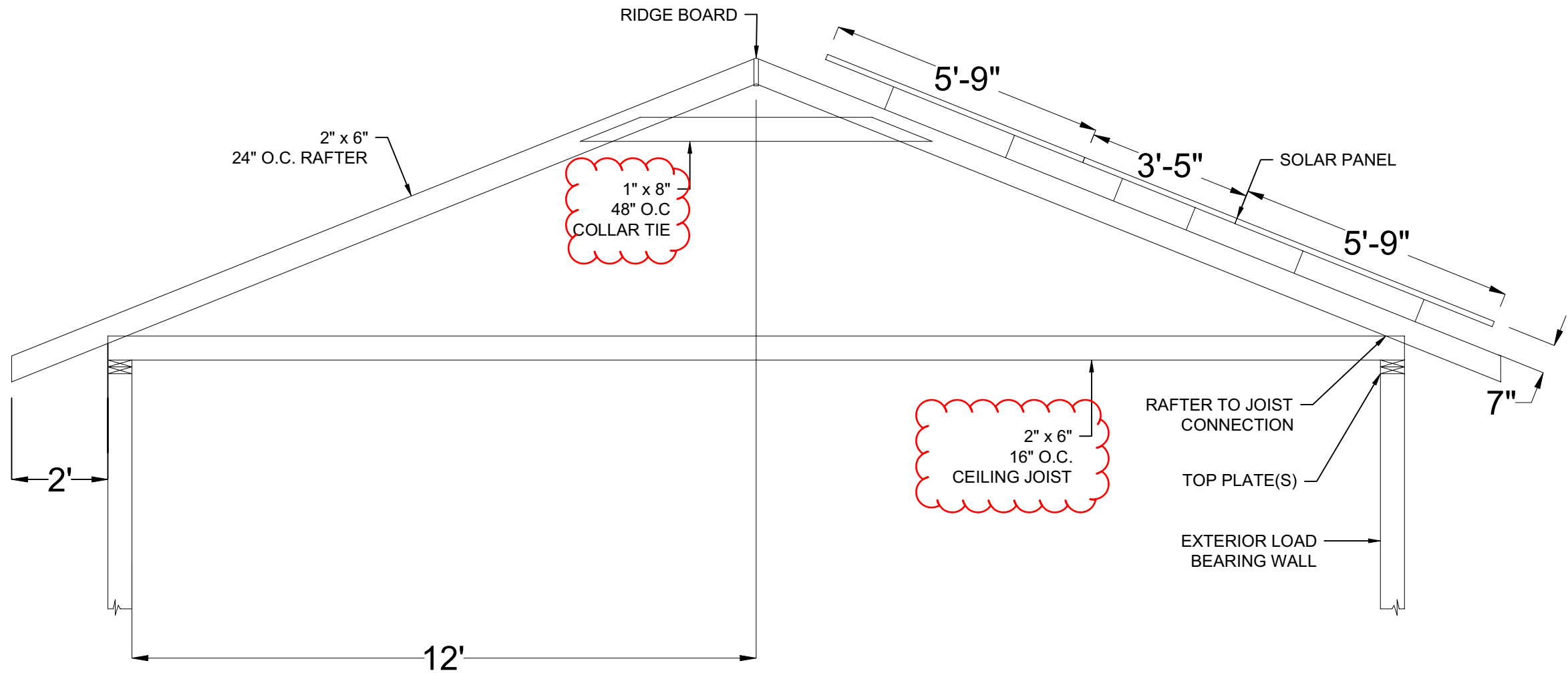
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HOUSE ROOF



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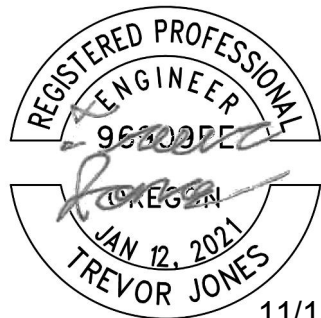
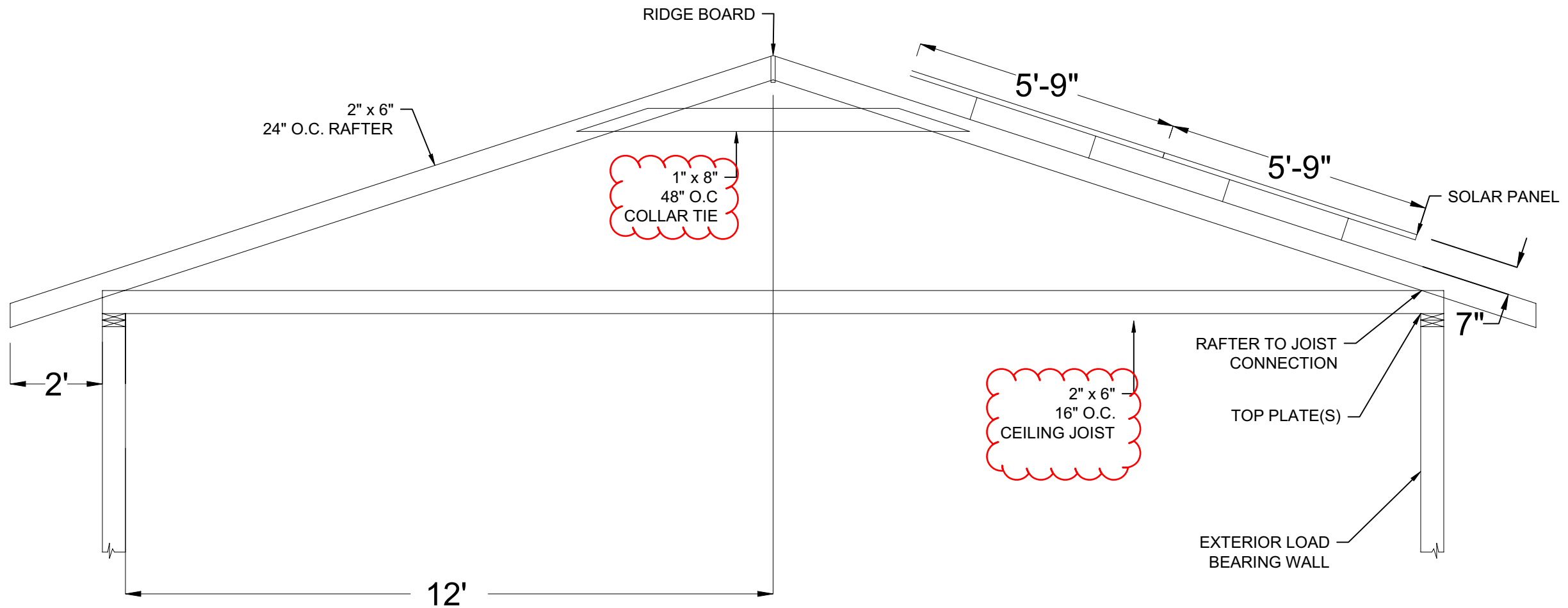
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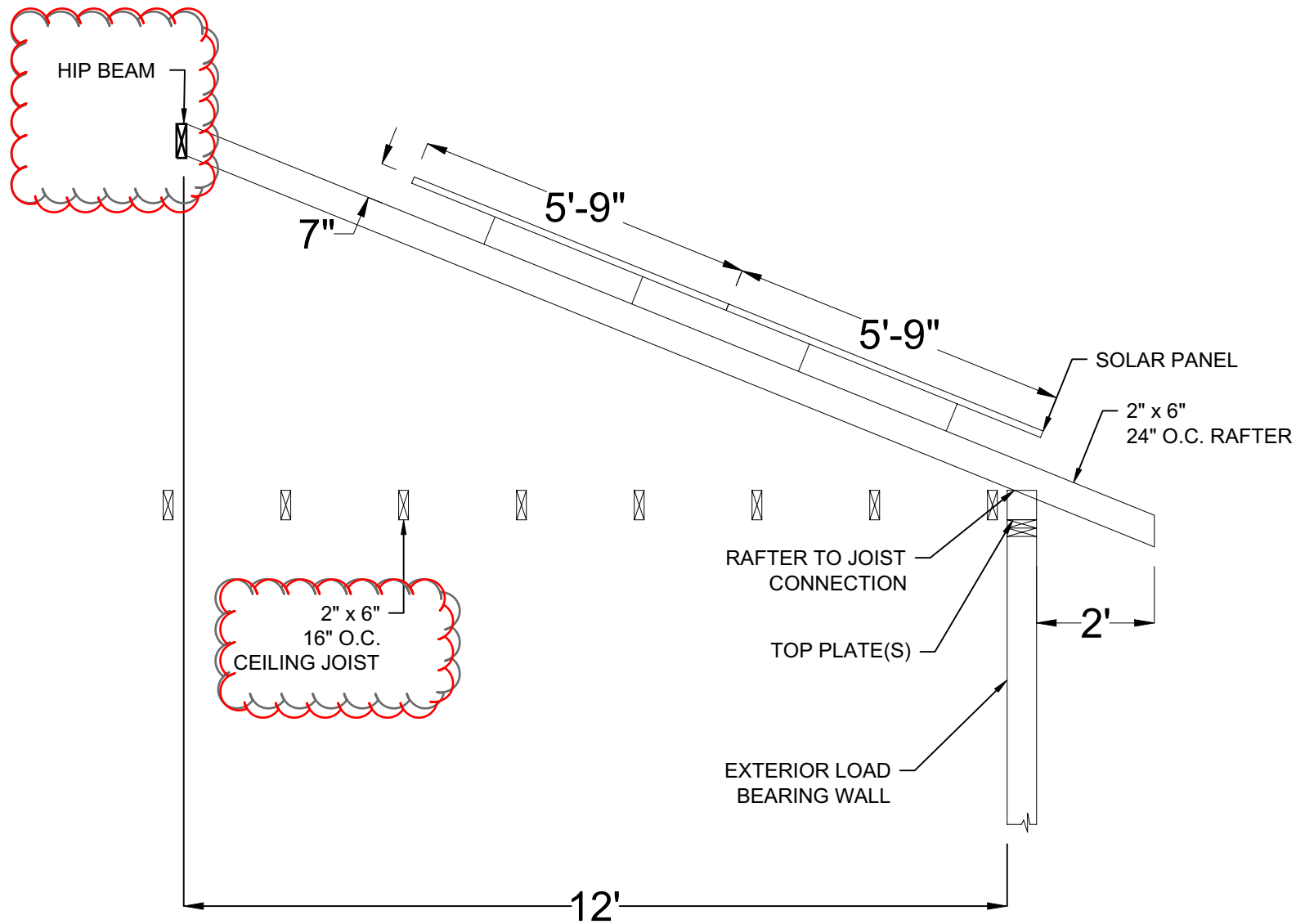
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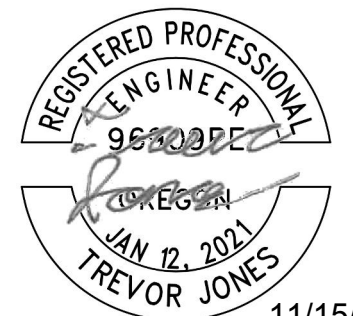
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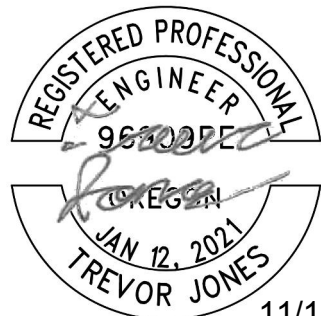
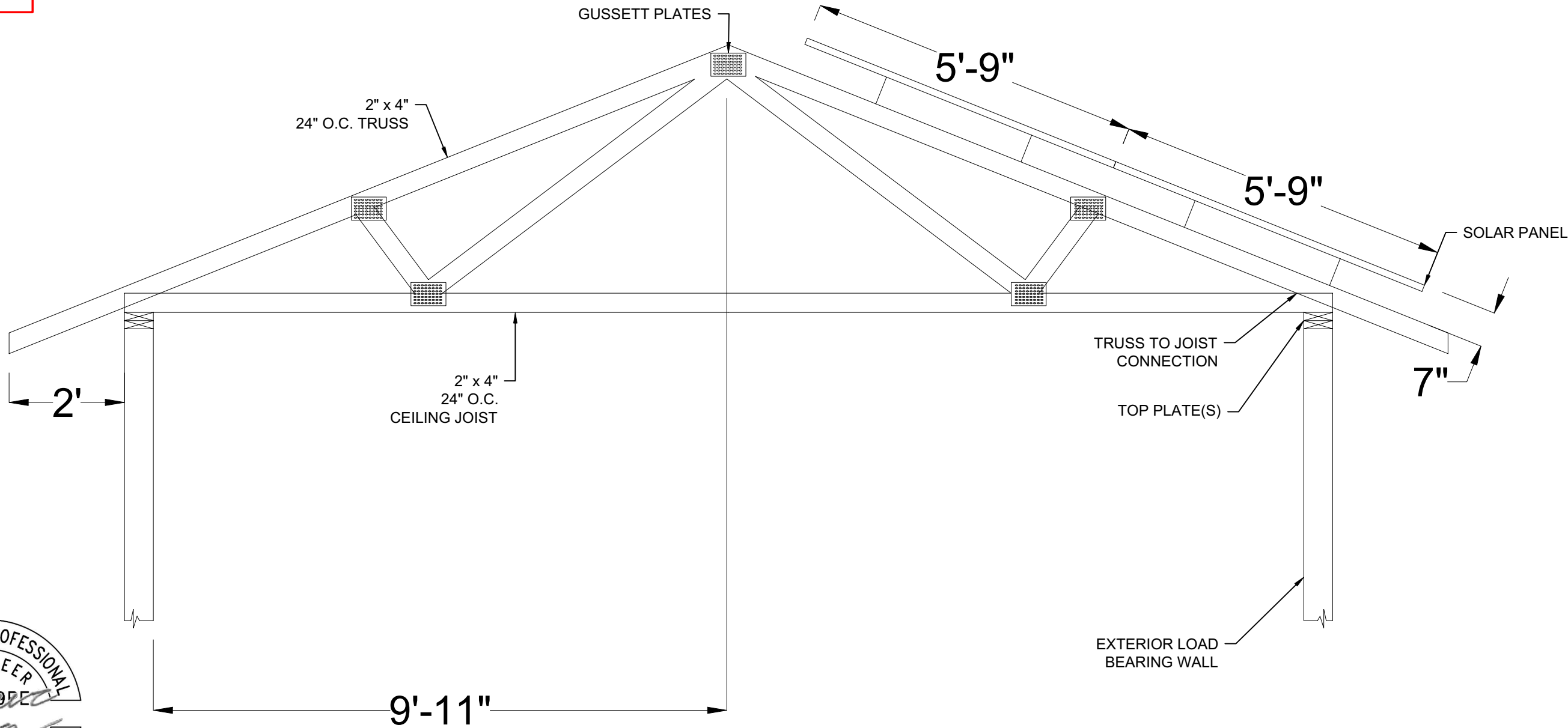
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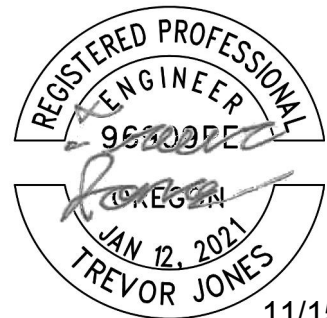
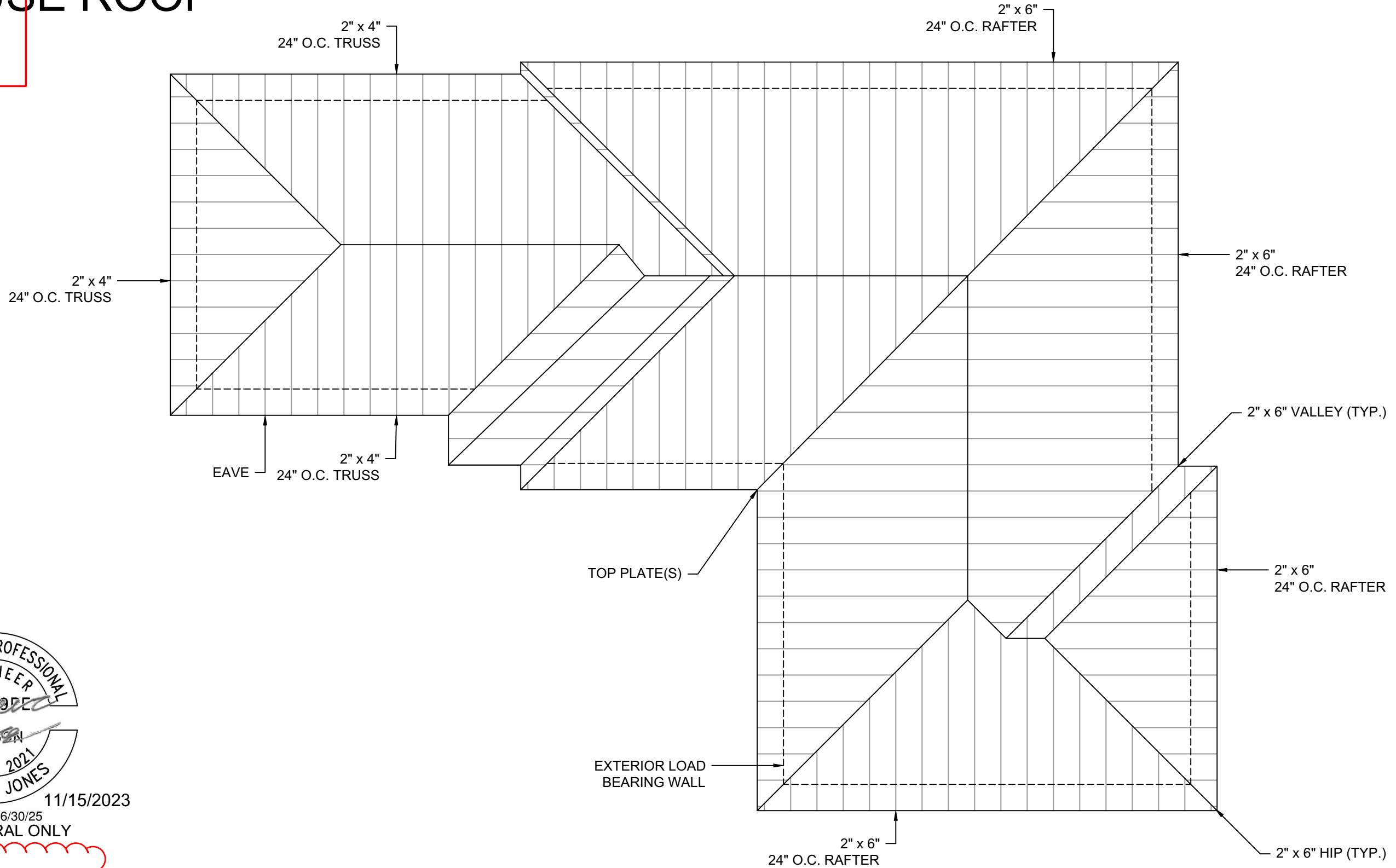
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