



*DRAPER, UTAH  
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# Residential solar site survey checklist

This form can be used to gather the requisite information necessary to complete a residential structural certification letter.

If you have questions, please call Vector Structural Engineering at (800) 558-0013. We strive to always have a real person answer the phone.



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COMPANY NAME: \_\_\_\_\_

PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

Project information:

Customer name: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Zip: \_\_\_\_\_

or for new construction

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Roof characteristics including photos and drawings:

Finish	Construction	Roof / framing condition
<input type="checkbox"/> Concrete tile <input type="checkbox"/> Asphalt composite <input type="checkbox"/> Metal <input type="checkbox"/> Other	<input type="checkbox"/> Trusses <input type="checkbox"/> Rafters <input type="checkbox"/> Other  Enter measurements, including pitch, spacing, span, etc. on the following truss or rafter geometry pages, as appropriate.	<input type="checkbox"/> Dry rot <input type="checkbox"/> Splits, cuts or breaks <input type="checkbox"/> Visible sagging <input type="checkbox"/> Other deterioration  _____ _____ _____  If evidence of damage or other issues exist, check appropriate conditions, describe what you see in the comments section, and provide photos.

1. Enter roof dimensions on the 'truss geometry' or 'rafter geometry' pages that follow.
2. Provide photos showing the size and spacing of the existing roof members.
3. Provide a roof plan showing the panel locations.

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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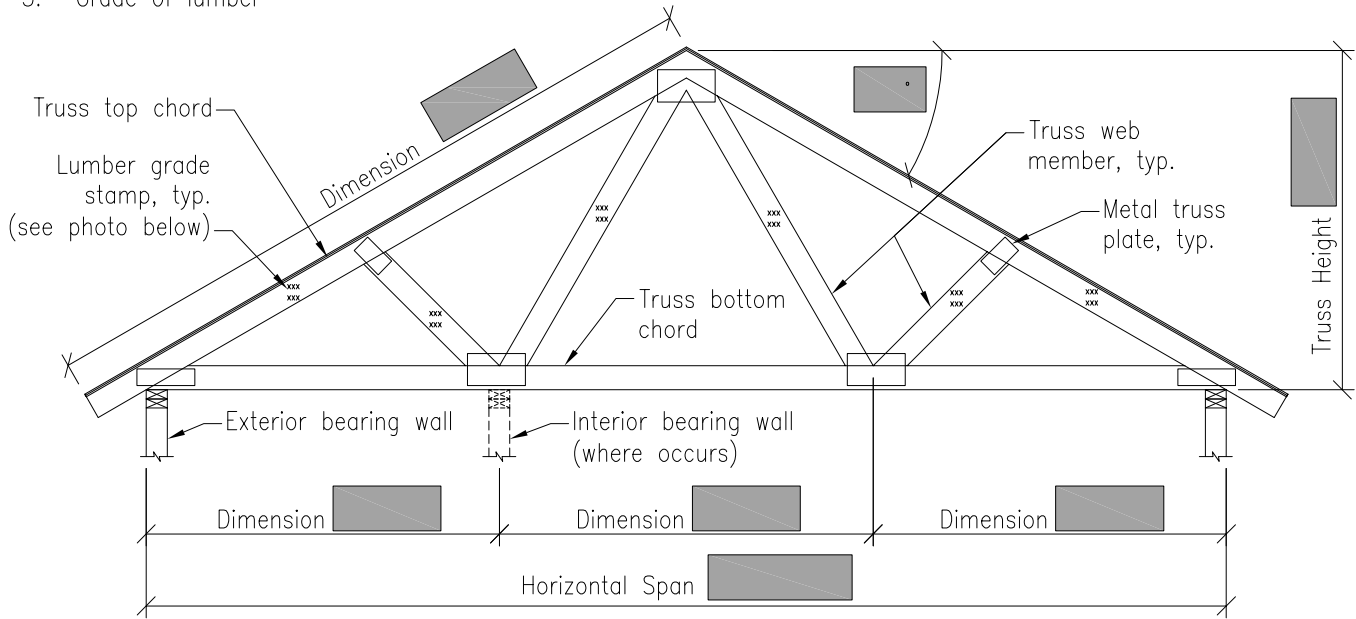
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Roof Truss Required Information:

1. Slope, degrees or pitch of roof
2. Spacing between trusses
3. Dimensions of all truss members as shown below
4. Size of truss chord and web members
5. Grade of lumber

Note:

1. Roof truss required information notes 1&2 are always required. Numbers 3-5 are required on rare occasions when the truss needs to be analyzed.
2. Web member orientation may vary from what is shown below, please provide an accurate sketch of the truss



Trusses will have truss plates. Rafters will not.

Truss Geometry

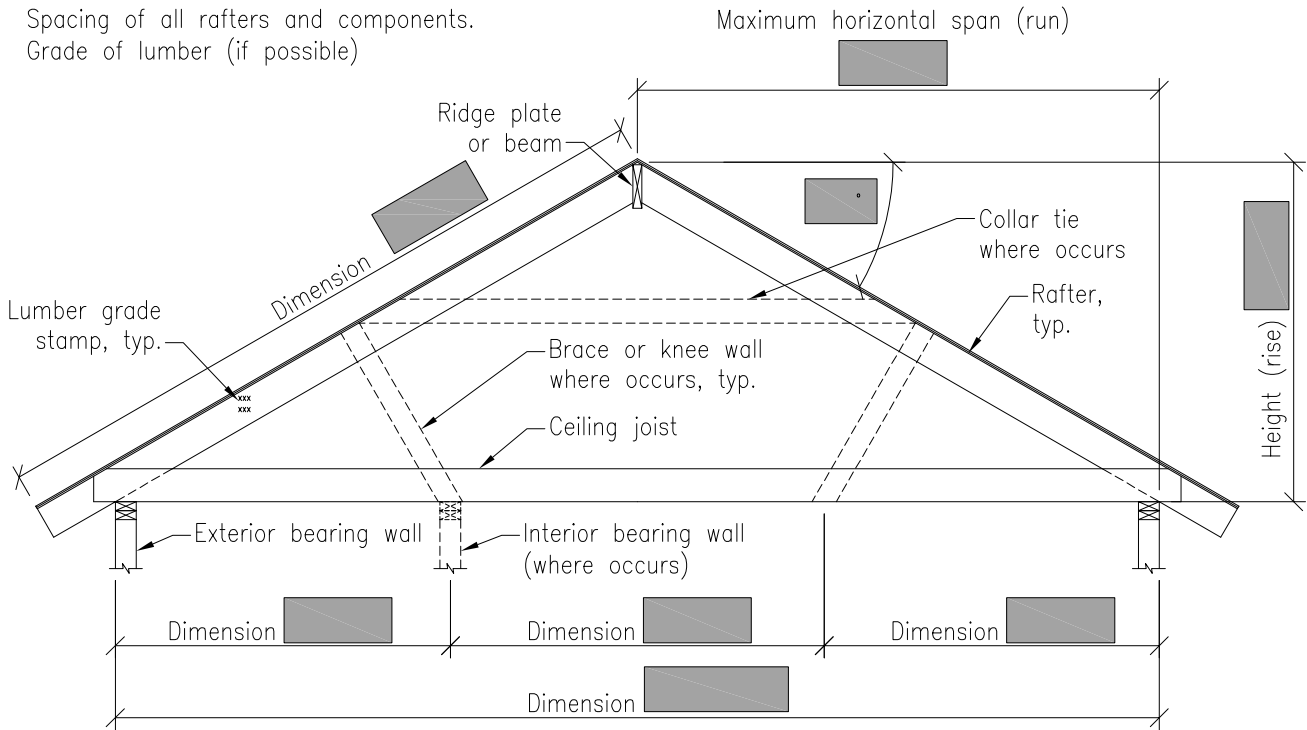


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Rafter Required Information

1. Slope, degrees or pitch of roof
2. Dimensions of all rafter components (collar ties, knee walls, ceiling joists) as shown below.
3. Spacing of all rafters and components.
4. Grade of lumber (if possible)



Rafter Geometry