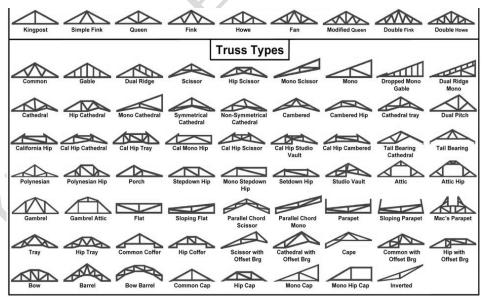


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## SYNERGY ENGINERING STRUCTURAL CRITERIA FOR RESIDENTIAL SOLAR ARRAYS

Complete 1 form for each roof section where solar panels will be installed

1.	Project Address:	_				
2.	Date: Person Filling Out Form and Company	y:				
3.	Roof Section (based on proposed layout configuration): _					
4.	How many layers of roofing:					
5.	Roofing type (asphalt shingle, metal, slate, cedar, etc):					
6.	Type of underlayment under roof (Plywood, OSB, planking, none, etc):					
7.	Does the roof structure appear structurally sound, without signs of alterations or significant					
	structural deterioration or sagging (Y/N)?		F	oof Types		
8.	Roof slope (Rise:Run, e.g. 6:12)::12	Skillion and Lean-to	Open Gable	Box Gable	Dormer	
9.	Rafter/Truss Spacing (12,16,24 inches, etc):	Skillon and Lean-to	Орен саме	BOX Gable	Dormer	Нір
10.	Roof Shape (Circle One on the Right):					
11.	Type of Roof Framing (Trusses or rafters):	Hip and Valley	Gambrel	Mansard	Butterfly	Intersecting / Overlaid Hip
12.	Roof Height from attic floor to ridge/ceiling:					
13.	If truss roof what type of truss (Circle one below, or	Dutch Gable	Hexagonal Gazebo	Jerkinhead	Flat	Cross Hipped
	sketch on next page):					
		M shaped	Saltbox	Shed	Combination	Pyramid Hip

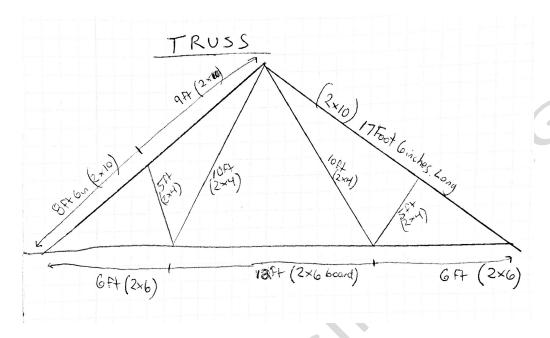


- 14. Take pictures of questions documenting 5,6,9,10,11 and of any blueprints owner has available.
- 15. Draw sketch of rafter/trusses with lengths and dimensions of wood used (see example, pg. 2)





## Example of Required Rafter or Truss dimensions for Evaluation:



Sketch of Roof Dimensions and Wood Dimensions for Each Member Below: