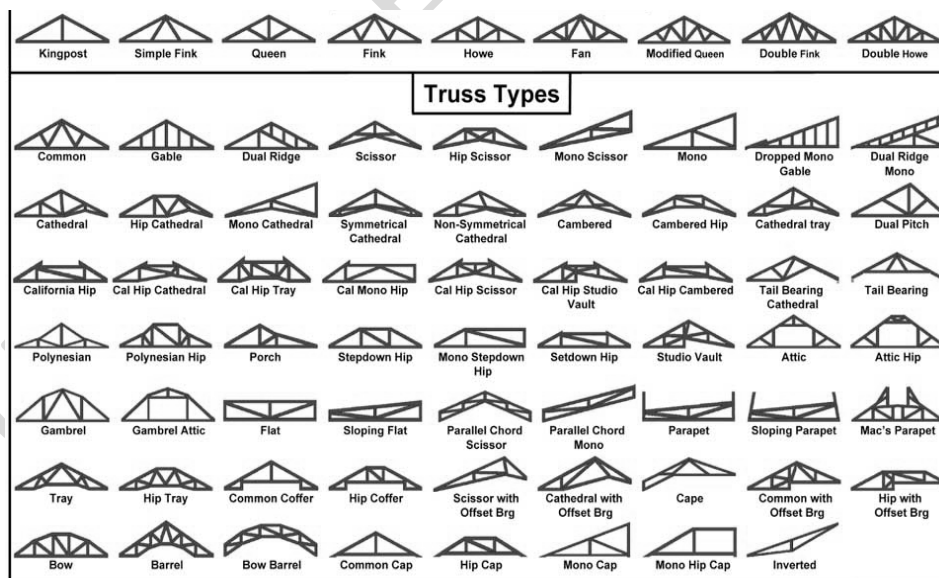
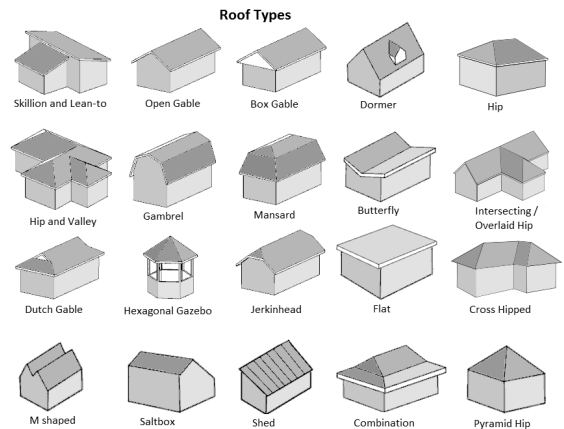


SYNERGY ENGINEERING STRUCTURAL CRITERIA FOR RESIDENTIAL SOLAR ARRAYS

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

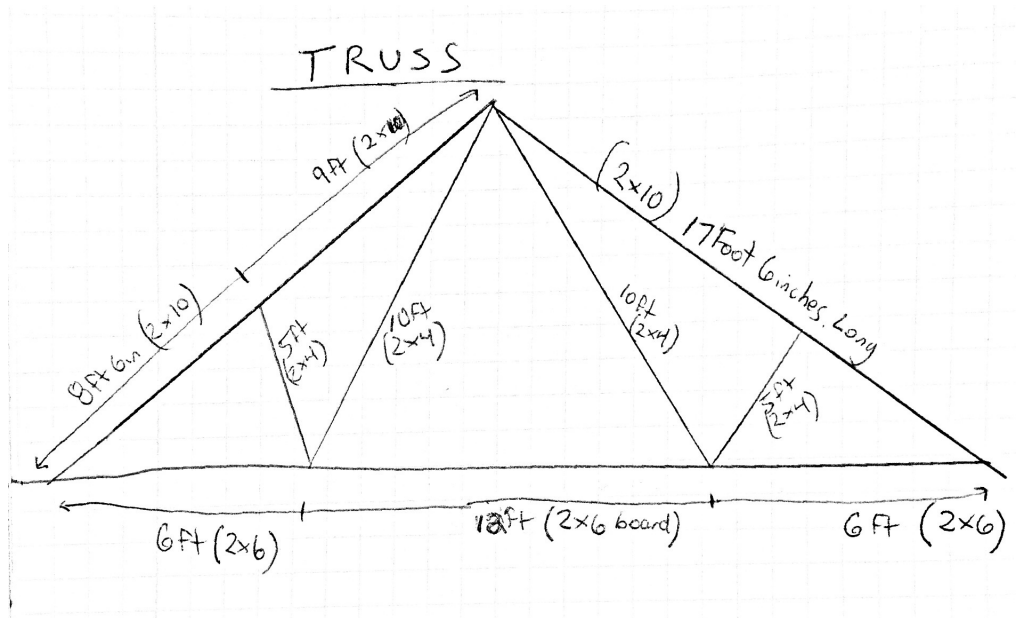
1. Project Address: _____
2. Date: _____ Person Filling Out Form and Company: _____
3. Roof Section (based on proposed layout configuration): _____
4. How many layers of roofing: _____
5. Roofing type (asphalt shingle, metal, slate, cedar, etc): _____
6. Type of underlayment under roof (Plywood, OSB, planking, none, etc): _____
7. Does the roof structure appear structurally sound, without signs of alterations or significant structural deterioration or sagging (Y/N)? _____
8. Roof slope (Rise:Run, e.g. 6:12): ____:12
9. Rafter/Truss Spacing (12,16,24 inches, etc): _____
10. Roof Shape (Circle One on the Right):
11. Type of Roof Framing (Trusses or rafters): _____
12. Roof Height from attic floor to ridge/ceiling: _____
13. If truss roof what type of truss (Circle one below, or sketch on next page):



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: