

## CHECKLIST FOR ROOF QUOTES

Most of the time, your building's plans will have all the relevant information that we need to design your roof trusses. However, sometimes key information is missing. Below is a list of details that we require to do a proper design that meets your needs and is cost effective.

1. Geographic location (street address or as specific as possible)
  - This is required to determine the ground snow load (GSL). Some communities can have multiple snow loads.
  - Also required to determine if there are special loading requirements (i.e. municipal bylaw mandating dead load provision for solar hot water heating).
  - Required to determine shipping costs and any route restrictions.
2. Building use
  - Residential, commercial, or farm.
  - Each has its own loading factors and building code requirements.
3. Special loads
  - Roof hot tubs, HVAC units, water tanks, etc.
  - Please provide the dimensions of the load and the weight.
    - Example: Air conditioner, 2 feet x 4 feet, 300 lbs.
    - Example: Hot tub, 7' x 7', 100 psf.
  - Provide location of load on roof.
4. Openings, etc.
  - Attic access wider than 22"
  - Stairwells
  - Skylights
  - Dormers
5. Ceiling profile
  - Vaults (specify slope)
  - Tray
  - Ceiling height change room to room
6. Truss details (refer to drawing)
  - Overall span
  - Minimum heel height (1' is the standard energy heel to provide adequate insulation)
    - Occasionally heel heights may need to be increased due to high loads, large spans, or complicated truss shapes.
  - Overhang length
  - Slope (x/12, where x is measured in inches)
  - Bearing size (2x4, 2x6, other)

