



## Roof Truss Checklist

- Truss calculations:
  - Design loads per code, including drift, and match building plans
  - $CSI \leq 1.0$  for top chord and bottom chord
  - Uplift/suction addressed
  - Plate calculations or Material Approval number shown
  - Lumber species and grade for all members
- Drawing of trusses:
  - Plans show indication of review by building designer (or signed component line 9 b. on SBD-118 or indication of review in signed cover letter)
  - If building is over 50,000 cu ft, the plans are signed and sealed
  - Matches calculations
  - Geometry
  - Span & spacing
  - Pitch
  - Web configuration
  - Chord configuration
  - Number of girder truss plies in calculations match plans
  - Required bottom chord bracing shown
  - Calculated plate area match that shown on the plans
  - Lumber species and grade
- Framing plan if different trusses used
- Building/Truss Plan Coordination:
  - Truss length matches building width
  - Bearing points match building design
  - Bearing area matches wall top plate width
  - Loads from girder trusses carried down properly
  - Required top chord bracing shown on the building plans
  - Allowable diaphragm stress reductions applied for top chord members other than Douglas Fir Larch or Southern Pine (see footnote 'a' Table 2306.3.1 and 2306.3.2)