

Residential Wood Truss Submittal Requirements

2019 California Residential Code, Section R802.10.1 Wood Trusses.

In addition to all other requirements of the 2019 California Residential Code, the following shall be included with all truss designs submitted to the Permit Center for review. Trusses may not be installed prior to Permit Center review and approval.

1. Roof and floor framing plan:

- Location and spacing of all trusses
- Each truss with a separate designation referenced to the truss drawing for different shapes, spans, or loading conditions.
- Indicate all truss bearing points
- Any concentrated loads (equipment, structural members, etc.)
- Any bottom chord bearing conditions other than standard, such as hangers used for truss support, drop ceilings supported by trusses, etc.
- Any load bearing beams, girders, and columns intended to support trusses
- Identify all trusses transferring lateral force where required by the project engineer or architect of record

2. Truss drawing sheets including:

- Name of project and truss fabricator
- Name of plate manufacturer
- Identification of all trusses referenced to layout sheet
- Exact span, shape, and web configurations
- Truss spacing and duration factor
- Size and gauge of metal plates at each joint
- Lumber specifications including species, grade, and size for chords and webs
- All truss design loads for top and bottom chords
- Minimum allowed bearing area for each truss
- Wet signature and seal of design engineer or architect
- Reviewed stamp of project engineer or architect if project is not conventional design and was designer by an engineer or architect.

Note: The Permit Center reviewed truss drawings with layout sheets and framing plans must be available at the jobsite for the City of Livermore Building Inspector