



De Soto Building Inspection
Department Residential Truss & Joist
Submittal Guidelines

Truss plans shall be submitted for review and approval. Truss plans may be submitted for review and approval to the Building Permit office after the building permit has been issued as a “deferred submittal” (Re: 2018 IRC Section 106.3.3) if the following information is shown on the building construction plans. All deferred submittals must be submitted with sufficient time to review and approve before the rough in inspection is scheduled.

1. The location where trusses are proposed to be used (roof or floor).
2. The minimum design loads for trusses, including dead and live loads, wind and snow loads, attic storage, mechanical systems, partition loading, and special loading conditions.
3. The location of all bearing walls, columns, beams and other truss support points.
4. A note is provided that indicates the person responsible for the structural design of the house has reviewed the truss drawings for general conformance to the design of the building prior to submitting to the Building Inspection Department for approval.

Truss plans submitted for projects that do not comply with the provisions above shall be treated as amended construction documents and be charged plan review fees as applicable under City Code.

When truss plans are submitted for review and approval, they shall comply with the requirements below and contain the following information:

- Two sets of truss drawings should be submitted to the Building Inspection Department for review and approval prior to truss erection. Plans should reflect that the trusses have been designed and constructed in compliance with ANSI/TPI 1 2002. A copy of the most recent quarterly TPI inspection report, as required by ANSI/TPI-1 must be submitted as part of the truss drawing package.
- The truss drawings should show both a layout plan, identifying the different truss locations, and individual truss type drawings, which show the spacing, design loads, support points, job location or builder/permit number, truss manufacturer, and other relevant information required by R502.11 and/or R802.10.1.
- Both sets of truss drawings should be signed and sealed by a Kansas registered engineer. Truss layout plans do not require a seal. Seals are not required to be the original.
- Both sets of truss plans should be reviewed and approved (not sealed) by the person responsible for the structural design of the house. The review is to verify that the proposed trusses are compatible with the design of the building. Proof of this review and approval may be a letter, and approval stamp, or something similar.
- Code references are 2018 IRC sections R106.1, R301.1, R502.11, R502.11.4, and R802.10.

City of De Soto Building Inspection Department
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