

DEPARTMENT OF PUBLIC WORKS
Building Inspection Division



July 7, 2003

MEMORANDUM

Bulletin G-20-03

TO: All Permit Applicants

FROM: Thomas H. Goldsbury, P.E., C.B.O.
Chief, Building Inspection Division

SUBJECT: **Changes to Rules Governing Truss Design Package**

The Florida board of Professional Engineers, Rules Chapter 61G 15-31.003, Florida Administrative Code, has been completely revised. This rule is regarding the Design of Structures Utilizing Prefabricated Wood Trusses. The rule is pre-printed in its entirety below for your information and convenience.

61G15-31.003 Design of Structures Utilizing Prefabricated Wood Trusses.

- (1) When a Structural Engineer of Record and a Delegated Engineer exist as may be determined by applicable Florida law, the apportionment of responsibilities between the Structural Engineer of Record and a Delegated Engineer shall be as set forth in Chapter 2 of ANSI/TPI 1-1995, wherein the Structural Engineer of Record is the Building Designer and the Delegated Engineer is the Truss Designer as those terms are defined in said standard.
- (2) The Structural Engineer of Record shall provide design requirements in writing to the Delegated Engineer and shall review the design documents of the delegated engineer for conformance to his written instructions in accordance with Chapter 61G15-30.005, F.A.C.
- (3) For the purposes of this rule, the following definitions shall apply:
 - (a) "Truss System" shall mean an assemblage of trusses and truss girders, together with all bracing, connections, and other structural elements and all spacing and locational criteria, that, in combination, function to support the dead, live and wind loads applicable to the roof of a structure with respect to a Truss System for the roof, and the floor of a structure with respect to a Truss System for the floor. A Truss System does not include walls, foundations, or any other structural support systems.
 - (b) "Truss System Engineer" shall mean an engineer who designs a Truss System.
 - (c) "Truss Design Engineer" shall mean an engineer who designs individual trusses, but does not design a Truss System.

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(4) An engineer is a Truss System Engineer if he designs a Truss System. Each of the drawings in the Truss System design package for the Truss System shall include a title block bearing the printed name, address, and license number of the Truss System Engineer and the date of the drawing. The design documentation prepared by the Truss System Engineer shall also include a truss placement plan for the Truss System, showing the location and designation of each truss. Said design documentation for the Truss System shall be signed and sealed by the Truss System Engineer. The cover or index sheet of the Truss System design package may be signed and sealed in lieu of signing and sealing each individual sheet, provided that the cover or index sheet contains the following information:

- (a) The name, address and license number of the Structural Engineer of Record, if there is one, and the name, address and license number of the Truss System Engineer.
- (b) Identification of the project, by address or by lot number, block number, section or subdivision and city or county.
- (c) Identification of the applicable building code and chapter(s) that the Truss System design is intended to meet, the engineer design criteria relied upon in designing the Truss System and the truss design loading.
- (d) Identification of any computer program used for engineering the Truss System.
- (e) An index of the attached Truss System design drawings. The naming and numbering system utilized for the drawings shall be clear as to how many drawings there are in the set and the date and sequence number of each of these drawings shall be included.

(5) An engineer is a Truss Design Engineer if he designs individual trusses, but does not design the Truss System. Each of the drawings in the truss design package for individual trusses shall include a title block bearing the printed name, address, and license number of the Truss Design Engineer and the date of the drawing. The Truss Design documents prepared by the Truss Design Engineer shall be signed and sealed by the Truss Design Engineer. The cover or index sheet of the truss design package may be signed and sealed in lieu of signing and sealing each individual sheet, provided that the cover or index sheet contains the following information:

- (a) The name, address and license number of the Structural Engineer of Record, if there is one, and the name, address, and license number of the Truss Design Engineer.
- (b) Identification of the project, by address or by lot number, block number, section or subdivision and city or county.
- (c) Identification of the applicable building code and chapter(s) that the truss design is intended to meet, the engineering design criteria relied upon in designing the trusses and the truss design loading.
- (d) Identification of any computer program used for engineering the trusses.
- (e) An index of the attached truss design drawings. The naming and numbering system utilized for the drawings shall be clear as to how many drawings there are in the set and the date and sequence number of each of these drawings.

If the above conditions are not met, then all sheets of the truss design package shall be signed, sealed and dated by the Truss System Engineer or Truss Design Engineer as appropriate for the truss design package. Seals for either option shall be metal-type impression seals as per 61G15-23.001 F.A.C. (no wet or rubber stamp type seals permitted).

This bulletin takes effect immediately. If you have questions or require clarification please contact William Lyle at 630-2351.

Xc: James R. Schock, P.E., C.B.O., Manager, Building Inspection Division
Plans Examiners
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