



# OKLAHOMA

## Uniform Building Code Commission Staff Comment Form - [BEBF 42](#)

### BEBF Technical Committee

Review of the 2021 Editions of the International Building Code® (IBC®), International Existing Building Code® (IEBC®), International Fire Code®

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#### Code Change Information

Originating Committee: BEBF 2018

Code Modified: 2018 IBC

Original Comment Form Number: CCF-112

Rule Number: 748:20-2-28

#### Which area of the code (Section, Table, Figure) was revised?

IBC Ch 23, Section 2306.1

Page Number: 2021 IBC 23-25

#### Previous change:

**2306.1 Allowable stress design.** The design and construction of wood elements in structures using allowable stress design shall be in accordance with the following applicable standards:

(1) American Wood Council

(A) ANSI/AWC NDS, National Design Specification for Wood Construction.

(B) SDPWS, Special Design Provisions for Wood and Seismic.

(2) American Society of Agricultural and Biological Engineers

(A) ASABE EP ~~484.2~~ 484.3 Diaphragm Design of Metal-clad, ~~Post-Frame~~ Wood-Frame Rectangular Buildings.

(B) ASABE EP 486.2 Shallow Post Foundation Design.

(C) ASABE EP 559.1 Design Requirements and Bending Properties for Mechanically Laminated ~~Columns~~ Wood Assemblies.

- (3) APA - The Engineered Wood Association.
  - (A) ANSI 117, Standard Specifications for Structural Glued Laminated Timber of Softwood Species.
  - (B) ANSI A190.1, Structural Glued Laminated Timber Panel Design Specification
  - (C) Plywood Design Specification Supplement 1 - Design & Fabrication of Plywood Curved Panel
  - (D) Plywood Design Specification Supplement 2 - Design & Fabrication of Glued Plywood-lumber Beams
  - (E) Plywood Design Specification Supplement 3 - Design & Fabrication of Plywood Stressed-skin Panels
  - (F) Plywood Design Specification Supplement 4 - Design & Fabrication of Plywood Sandwich Panels
  - (G) Plywood Design Specification Supplement 5 - Design & Fabrication of All-plywood Beams
- (H) APA T300, Glulam Connection Details
- (I) APA S560, Field Notching and Drilling of Glued Laminated Timber Beams
- (J) APA S475, Glued Laminated Beam Design Tables
- (K) APA X450, Glulam in Residential Construction
- (L) APA X440, Product and Application Guide: Glulam
- (M) APA R540, Builders Tips: Proper storage and Handling of Glulam Beams
- (4) Truss Plate Institute, Inc., TPI 1, National Design Standard for Metal Plate Connected Wood Truss Construction
- (5) West Coast Lumber Inspection Bureau.
  - (A) AITC 104, Typical Construction Details
  - (B) AITC 110, Standard Appearance Grades for Structural Glued Laminated Timber
  - (C) AITC 113, Standard for Dimensions of Structural Glued Laminated Timber
  - (D) AITC 119, Standard Specifications for Structural Glued Laminated Timber of Hardwood Species
  - (E) AITC 220, Inspection Manual

**Historical information:**

This change was made by the 2018 BEBF committee to address errata. The 2021 code includes the modifications. Staff recommendation is to remove the language from the agency's rules as it is no longer necessary.