



October 2015 FBPE Structural Rules Committee Meeting

Meeting Book

October 7, 2015 @ 8:30am

The Shores Resort & Spa

2637 South Atlantic Ave.

Daytona Beach Shores, FL, 32118

October 2015 FBPE Structural Rules Committee Meeting

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1. Call to Order
2. Roll Call, Determination of Quorum and Address Absences
3. Introduction of Guests and Announcements
4. Review/Open Rule 61G15-31.006 – Design of Structural Systems Utilizing Open Web Steel Joists and Joists Girders.

Exhibit #4 - 61G15-31.006.edits from RC meeting.07 15 15.pdf - Page 3

5. Old Business
6. New Business
7. Adjourn

Notice of Proposed Rule

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Board of Professional Engineers

RULE NO.: RULE TITLE:

61G15-31.006 Design of Structural Systems Utilizing Open Web Steel Joists and Joist Girders

PURPOSE AND EFFECT: The Board proposes the rule amendment to delete unnecessary language and to add new language to clarify the requirements for the design of structural systems utilizing open web steel joists and joist girders.

SUMMARY: The rule amendment will delete unnecessary language and add new language to clarify the requirements for the design of structural systems utilizing open web steel joists and joist girders.

SUMMARY OF STATEMENT OF ESTIMATED REGULATORY COSTS AND LEGISLATIVE RATIFICATION: The Agency has determined that this will not have an adverse impact on small business or likely increase directly or indirectly regulatory costs in excess of \$200,000 in the aggregate within one year after the implementation of the rule. A SERC has not been prepared by the Agency.

The Agency has determined that the proposed rule is not expected to require legislative ratification based on the statement of estimated regulatory costs or if no SERC is required, the information expressly relied upon and described herein: During discussion of the economic impact of this rule at its Board meeting, the Board, based upon the expertise and experience of its members, determined that a Statement of Estimated Regulatory Costs (SERC) was not necessary and that the rule will not require ratification by the Legislature. No person or interested party submitted additional information regarding the economic impact at that time.

Any person who wishes to provide information regarding a statement of estimated regulatory costs, or provide a proposal for a lower cost regulatory alternative must do so in writing within 21 days of this notice.

RULEMAKING AUTHORITY: 471.033(2), 471.008 FS.

LAW IMPLEMENTED: 471.033(1)(g), (j) FS.

IF REQUESTED WITHIN 21 DAYS OF THE DATE OF THIS NOTICE, A HEARING WILL BE SCHEDULED AND ANNOUNCED IN THE FAR.

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE IS: Zana Raybon, Executive Director, Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303

THE FULL TEXT OF THE PROPOSED RULE IS:

61G15-31.006 Design of Structural Systems Utilizing Open Web Steel Joists and Joist Girders.

(1) The Engineer of Record shall indicate on the Structural Engineering Documents the steel joist and joist girder designations as required in Section 2206 of the Florida Building Code ~~from the 1997 Steel Joist Institute's Specifications and load tables~~ and shall indicate the appropriate standards for joist and joist girder design, layout, end supports, anchorage, bridging requirements, etc., including connections to walls. These documents shall indicate special requirements for concentrated loads, non-uniform loads, openings, extended ends, and resistance to uplift loads.

(2) The steel joist and joist girder manufacturer shall design the steel joist and joist girder members in accordance with as required in Section 2206 of the Florida Building Code ~~the 1997 Steel Joist Institute Specifications and load tables~~ to support the loads per the Engineer of Record's specified joist and joist girder designations and/or special loading diagrams, as set forth in Structural Engineering Documents. The Engineer of Record may require the submission of the steel joist and joist girder design calculations as an indication of compliance. When required to submit the steel joist and joist girder calculations, the steel joist and joist girder manufacturer shall submit a cover letter along with the steel joist and joist girder design calculations. The cover letter shall bear the seal and signature of a Florida registered professional engineer responsible for design of the steel joist and joist girders.

Rulemaking Specific Authority 471.033(2), 471.008 FS. Law Implemented 471.033(1)(g), (j) FS. History–New 1-26-93, Formerly 21H-31.006, Amended 10-19-97,_____.

NAME OF PERSON ORIGINATING PROPOSED RULE: Board of Professional Engineers

NAME OF AGENCY HEAD WHO APPROVED THE PROPOSED RULE: Board of Professional Engineers

DATE PROPOSED RULE APPROVED BY AGENCY HEAD: January 26, 2015

DATE NOTICE OF PROPOSED RULE DEVELOPMENT PUBLISHED IN FAR: March 10, 2015



Representative W. Travis Cummings, Chair
Senator Denise Grimsley, Vice Chair
Senator Aaron Bean
Senator Dwight Bullard
Senator Nancy C. Detert
Senator Geraldine F. "Geri" Thompson
Representative Matt Hudson
Representative Lake Ray
Representative Hazelle P. "Hazel" Rogers
Representative Barbara Watson



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THE FLORIDA LEGISLATURE
**JOINT ADMINISTRATIVE
PROCEDURES COMMITTEE**

April 1, 2015

Mr. Michael Flury
Senior Assistant Attorney General
Department of Legal Affairs
PL-01, The Capitol
Tallahassee, Florida 32399-1050

**Re: DBPR: Board of Professional Engineers
Rule 61G15-31.006, F.A.C.**

Dear Mr. Flury:

I have reviewed the above-referenced proposed rule, which was advertised in the Florida Administrative Register on March 27, 2015. I have the following comments.

61G15-31.006(1): This subsection provides in part that the "Engineer of Record shall indicate on the Structural Engineering Documents the steel joist and joist girder designations as required in Section 2206 of the Florida Building Code" It appears that the date of the Florida Building Code should be referenced in the rule text so that regulated individuals know the requirements expected of them in order to comply with the rule. Also, please provide a copy of section 2206 of the Florida Building Code to the committee for review.

Additionally, it appears that, based on this rule text, compliance with this section of the Florida Building Code is required, and therefore the rule text should specifically state that this section of the Florida Building Code is incorporated by reference in the rule and state how it may be obtained. *See* Fla. Admin. Code R. 1-1.013. Next, this material may only be incorporated by reference as it exists on the date the rule is adopted. *See* § 120.54(1)(i)1., Fla. Stat. Please include the effective date of section 2206 of the Florida Building Code in the rule text. A copy of any incorporated materials should be provided to the committee for review at least 21 days prior to adoption of the rule. *See* § 120.54(3)(a)4., Fla. Stat.

Mr. Michael Flury
April 1, 2015
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Please incorporate this section of the Florida Building Code by reference in the rule text or explain why it is not required.

61G15-31.006(2): Please explain the board's authority to require that the "steel joist and joist girder manufacturer shall design the steel joist and joist girder members in accordance with [sic] as required in Section 2206 of the Florida Building Code." It does not appear that this board regulates the manufacturers.

It appears that the words "in accordance with" should have been stricken in the rule text.

See comments regarding 61G15-31.006(1).

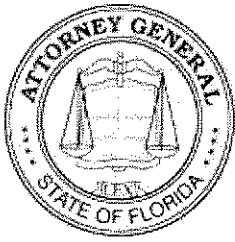
As always, please let me know if you have any questions. Otherwise, I look forward to your response.

Sincerely,

A handwritten signature in blue ink that reads "Marjorie C. Holladay". The signature is written in a cursive, flowing style.

Marjorie C. Holladay
Chief Attorney

MCH:SA WORD/MARJORIE/61G15_31.006LS040115_157984



PAM BONDI
ATTORNEY GENERAL
STATE OF FLORIDA

OFFICE OF THE ATTORNEY GENERAL
Administrative Law Bureau

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Lawrence.Harris@myfloridalegal.com

June 23, 2015

Ms. Marjorie C. Holladay
Chief Attorney
Joint Administrative Procedures Committee
Room 680, Pepper Building
111 W. Madison Street
Tallahassee, Florida 32399-1400

Re: Department of Business and Professional Regulation
Board of Professional Engineers Rule 61G15-31.006, F.A.C.

Dear Ms. Holladay:

I am writing to supplement my May 27, 2015, correspondence regarding the above-referenced rule. As promised, your April 1 and May 12, 2015, correspondence was considered by the Board at its June 17, 2015, meeting. Given the substantive nature of your concerns, the Board determined that the rule should be referred back to the Board's Rules Committee, which will make the appropriate changes to the language as proposed. The Rules Committee's language will then go back to the full Board for final decision. The Rules Committee is next scheduled to meet on July 15, 2015, and the next Board meeting is scheduled for August 12, 2015. I will promptly update you on the Board's decision thereafter.

Thank you for your comments and assistance regarding the Board's rulemaking endeavors. As always, please do not hesitate to contact me if you have any questions or further concerns.

Sincerely,

Lawrence D. Harris
Assistant Attorney General
Counsel to the Florida Board of Professional Engineers

cc: Zana Raybon, Executive Director
Tammie Britt, Paralegal Specialist

Changes to Rule as proposed from July 15, 2015 Rules Committee meeting.

61G15-31.006 Design of Structural Systems Utilizing Open Web Steel Joists and Joist Girders.

(1) The Engineer of Record shall indicate on the Structural Engineering Documents the steel joist and joist girder designations as required in Section 2207 of the Florida Building Code, Building, 5th Edition (2014), incorporated by reference in Rule 61G20-1.001, F.A.C. (6-30-15) ~~from the 1997 Steel Joist Institute's Specifications and load tables~~ and shall indicate the appropriate standards for joist and joist girder design, layout, end supports, anchorage, bridging requirements, etc., including connections to walls. These documents shall indicate special requirements for concentrated loads, non-uniform loads, openings, extended ends, and resistance to uplift loads.

(2) The Engineer of Record is responsible for ensuring the steel joist and joist girder manufacturer shall design the steel joist and joist girder members as required in Section 2207 of the Florida Building Code, Building, 5th Edition (2014), incorporated by reference in Rule 61G20-1.001, F.A.C. (6-30-15), in accordance with the 1997 Steel Joist Institute Specifications and load tables to support the loads per the Engineer of Record's specified joist and joist girder designations and/or special loading diagrams, as set forth in Structural Engineering Documents. The Engineer of Record may require the submission of the steel joist and joist girder design calculations as an indication of compliance. When required to submit the steel joist and joist girder calculations, the Engineer of Record shall ensure the steel joist and joist girder manufacturer shall submit a cover letter along with the steel joist and joist girder design calculations. The cover letter shall bear the seal and signature of a Florida registered professional engineer responsible for design of the steel joist and joist girders.

Rulemaking Specific Authority 471.033(2), 471.008 FS. Law Implemented 471.033(1)(g), (j) FS. History--New 1-26-93, Formerly 21H-31.006, Amended 10-19-97,_____.