Proposed Code Modifications

USER: Borjen Yeh, APA - The Engineered Wood Association, Product Validation Entity

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Alternate Language Status  Pending DBPR Review

Code Change Cycle  2020 Triennial Second Comment Period 04/12/2019 - 05/26/2019

Text of Modification

SECTION 2306
ALLOWABLE STRESS DESIGN

APA—The Engineered Wood Association.
Panel Design Specification
Plywood Design Specification Supplement 1—
Design & Fabrication of Plywood Curved Panel
Plywood Design Specification Supplement 2—
Design & Fabrication of Glued Plywood-lumber Beams
Plywood Design Specification Supplement 3—
Design & Fabrication of Plywood Stressed-skin Panels
Plywood Design Specification Supplement 4—
Design & Fabrication of Plywood Sandwich Panels
Plywood Design Specification Supplement 5—
Design & Fabrication of All-plywood Beams

EWS  APA  T300  Glulam Connection Details
EWS  APA  S560  Field Notching and Drilling of Glued Laminated Timber Beams
EWS  APA  S475  Glued Laminated Beam Design Tables
EWS  APA  X450  Glulam in Residential Building Construction Guide
EWS  APA  X440  Product and Application Guide: Glulam
EWS  APA  R540  Builders Tips: Proper Storage and Handling of Glulam Beams

SECTION 2314
HIGH-VELOCITY HURRICANE ZONES

2314.4.2
American Institute of Timber Construction, 333 West Hampden Avenue, Englewood, CO 80110 AITC.

1. Typical Construction Details, AITC 104.

2314.4.3

APA - The Engineered Wood Association (formerly APA American Plywood Association), P.O. Box 11700, 7011 South 19th Street, Tacoma, WA 98411-98466.

7. Plywood Design Specifications—Design and Fabrication of All-Plywood Beams, Supplement No. 5 H815.
11. 303 Siding Manufacturing Specifications B840.

APA

APA - Engineered Wood Association 7011 South 19th Street, Tacoma, WA 98466

<table>
<thead>
<tr>
<th>Standard reference number</th>
<th>Title</th>
<th>Referenced in code section number</th>
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<tbody>
<tr>
<td>ANSI 117—2015</td>
<td>Structural Glued Laminated Timber of Softwood Species</td>
<td>2306.1 2314.4.3</td>
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<tr>
<td>ANSI/A 190.1—12</td>
<td>Structural Glued Laminated Timber</td>
<td>2303.1.3 2306.1 2314.4.3</td>
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<td>ANSI/APA PRG 320—2018</td>
<td>Standard for Performance-Rated Cross-Laminated Timber</td>
<td>2303.1.4</td>
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<tr>
<td>APA PDS—12</td>
<td>Panel Design Specification</td>
<td>2306.12314.4.3</td>
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<tr>
<td>APA PDS Supplement 1—12</td>
<td>Design and Fabrication of Plywood Curved Panels (revised 2013)</td>
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<tr>
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<tr>
<td>APA PDS Supplement 3—12</td>
<td>Design and Fabrication of Plywood Stressed-skin Panels (revised 2013)</td>
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</table>
At the last Structural TAC meeting in March 2019, there was a confusion on the year of the proposed changes on PDS-Supplements. The intent of my proposal was/is to keep PDS Supplements 1 through 4 without changes, but simply update PDS-Supplement 5 from 2012 to 2016 to reflect its current publication date. In this public comment, I also updated other publications. Note that ANSI 117 was approved by TAC in S7948 and ANSI/APA PRG 320 was simply updated to 2018 and relocated to be with other ANSI standards. I also updated the source sections (2306 ans 2314) in which the references are cited as.
No impact to small business relative to the cost of compliance with code.

Requirements
Has a reasonable and substantial connection with the health, safety, and welfare of the general public (553.73(9)(a)2,F.S.)

This proposal updates the referenced standards published by APA.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction (553.73(9)(a)3,F.S.)

This proposal improves the code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities (553.73(9)(a)4,F.S.)

This proposal does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities.

Does not degrade the effectiveness of the code (553.73(9)(a)5,F.S.)

This proposal does not degrade the effectiveness of the code.

Is the proposed code modification part of a prior code version?

History
Date Submitted 04/14/2019