

DATE: May 13, 2020

TO: Maureen Guttman, RAC Chairwoman

FROM: William J. Yeagley, TAC IBC-FS, IFC Chairman

R.E.: Completed Final TAC Review Form

Greetings Chairwoman Guttman,

Attached is the final International Building, Fire Safety TAC Report and the International Fire Code TAC Report.

The committee unanimously approved this report on March 6, 2020.

UCC IBC-FS and IFC 2018 Review

The TAC committee met on January 15, 2020, January 30, 2020, February 21, 2020 and March 6, 2020 to complete our 2018 review.

INTERNATIONAL BUILDING CODE – FIRE SAFETY

1. PUBLIC COMMENTS REVIEW

- a. 7 Comments were received.
- b. Comment number 1 was not supported. The comment did not have any supporting information and was just to “adopt” the code. We also agreed that if we support this comment, we would not be able to change or modify anything.
- c. Comments 2-6 were to modify and include in our adoption Section 3006 in Chapter 30. The committee agreed with comments 2-6 and recommend Section 3006 in Chapter 30 be adopted.
- d. Comment 7 was discussed at length. The committee agreed with the concept but changed the proposed language.
 - i. Proposed language - Column Protection. Where columns are required to have protection to achieve a fire resistant rating, the entire column shall be provided individual encasement protection by protecting it on all sides for the full column height, including connections to other structural members, with materials having the required fire resistant rating. Where the column extends through a ceiling, the encasement protection shall be continuous from the top of the foundation or floor/ceiling assembly below through the ceiling space to the top of the column. Exception: Columns located in a wall of light frame construction and located entirely between the top and bottom plates shall be permitted to have the fire resistant ratings provided by the membrane protection provided by the fire resistant rated wall. 704.4.1 Light Frame Construction. Studs, and boundary elements that are integral elements in load bearing walls of light frame construction, and are located entirely between the top and bottom plates shall be permitted to have required fire resistance ratings provided by the membrane protection provided for the load bearing wall.

2. COMMITTEE COMMENTS REVIEW

- a. Committee member Ken Crank forwarded 7 comments. His comments were vetted by the committee. The committee agreed with 1 change from his comments.
 - i. Proposed change - Section 803.3 - Heavy timber exemption. In buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3, exposed portions of building elements complying with the requirements for buildings of Type IV construction in Section 602.4 shall not be subject to interior finish requirements except in interior exit stairways, interior exit ramps, and exit passageways

INTERNATIONAL FIRE CODE

1. PUBLIC COMMENTS REVIEW

- a. One comment was received. This was a general “adopt” comment.
 - i. The committee agreed not to act on this public comment due to no supporting evidence being submitted
 - ii. Additionally, we did not act on this comment due to our scope only be on those sections of the IFC as specified in the IBC.

2. COMMITTEE COMMENT REVIEW

- a. There were no committee comments presented either in writing or verbal.

3. OUTCOME OF IFC REVIEW

- a. The committee unanimously agreed with the ICC changes to the 2018 International Fire Code and recommended that the UCC RAC approve the proposed changes.

FINAL OUTCOME –

- **The IBC-FS and IFC TAC recommend the above changes to the 2018 International Building Code – Fire Safety and the 2018 International Fire Code.**