

# Residential Seismic Assessment and Retrofit Standard Consensus Committee

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**November 2<sup>nd</sup> , 2021 at 11:00am to 2pm CT MEETING #6 Minutes  
(for committee approval)**

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The 6th meeting of the ICC Residential Seismic Assessment and Retrofit Standard Consensus Committee (IS-RSARC) was convened on November 2<sup>nd</sup>, 2021 to advance the ICC 1300 standard.

**Date: November 2<sup>nd</sup>, 2021**

**Venue: Virtual Mtg Online**

1. **Welcome / Opening Statements:** Larry Novak, ICC / Chief Structural Engineer / Codes & Standards Development, called the three (3) hour-long meeting to order at 11:00 AM and welcomed all committee members, ICC staff and interested parties.
2. **Identification of Representation / Conflict of Interest:**
  - a) ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests (attached)
  - b) ICC Code of Ethics ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment, it is expected that participants shall act with courtesy, competence, and respect for others.
3. **Roll Call:** See attached attendance sheet. Mr. Novak called roll on the IS-RSARC committee voting members and noted that we had a quorum to conduct business.
4. **Approve Minutes from previous meeting:** Approved the minutes by vote of the committee
5. First Round of Public Comments – Discussion and Vote-There was not any public comments.
6. Discuss status of Document
  - 6.1 Non-proprietary and any conflict issues have been addressed in the crawlspace. Living space above the garage, some of the drawings still need to be fixed. Hillside and chimney do not have any proprietary contents.
  - 6.2 Road path forward is an informal exchange between all members for two weeks. November 16th deadline to get any comments and to exchange written comments.
  - 6.3 Small group discussion of path forward on figures to be set up by Kelly (Dan, Kevin, Samhar, maybe Ayse)
  - 6.4 Task groups to continue/ complete work on chapters, commentary and plan sets
  - 6.5 Check-in meeting Tuesday December 14 to vet any issues, check to make sure on track for mid-January compilation of committee formal ballot.
7. **Task Groups Reports (first name is task group organizer)**
  - a) Task Group Administrative (AD) – Ch. 1, 2, 3, 8 and Existing App: Kelly Cobeen, Ronald Lynn, Larry Stevig, Roy Harthorn  
Presented the work of the task group.
    - i) Discussed all chapters definitions, details for assessment, and the commentary.
    - ii) Added adopted code definition in chapter 2
    - iii) Retrofit of multiple vulnerabilities.
    - iv) Seismic design category maps have been deleted and reference "adopted code" instead.
    - v) In Appendix L added to table 1.7-1
    - vi) Chapter 3 modified the commentary and added table L-6 titled "Unit weight exterior wall finish materials" with a minor adjustment for clarification.
    - vii) Brick veneer unit weight will be discussed later. Send Kelly and Dan any suggestions.
    - viii) The chimney group has added contractors' definition.
  - b) Task Group Crawlspace Dwellings (CD) – Ch. 4: Omar Amini, Howard Cook, Phil Line, Thor Matteson, Gary Ehrlich, Janiele Maffei
    - i) Discussed Task Group goals.
    - ii) Discussed the braced wall section and adhesive anchor installation verification deletion.
    - iii) Some editorial changes for clarification.
    - iv) Foundation verification from chapters 4 and 5 to be moved to chapter 3. Group discussion to iron out technical issues, including Admin task group and Omar, Howard, Gary, Dan Thor, Kevin, and Michael. This includes section 4.4.7 will be moved to chapter 3. There is also some conflict with AOSHA rules that need to be addressed.
    - v) The WG discussed section 4.4.8.2 in case no hold down based on IEBC.
    - vi) WG is still working on the anchor's number in the tables, such as when requiring seven anchors and how to divide them.
    - vii) Section G 3.7 allows for scaling to choose the appropriate connections based on capacity.
    - viii) Any changes in the chapter need to be clarified in the plan set. Plan set instructions for use need to be reviewed and modified accordingly for clarification.

- ix) Suggestion to add a paragraph about the overall cost. Admin group needs to look into it.
  
- c) Task Group LOG Dwellings (LD) – Ch. 5: Dan Dolan, Omar Amini, Thor Matteson, Kevin McOsker, Mike Cochran, Phil Line, Gary Ehrlich
  - i) Presented the work of the task group.
  - ii) The group has mark-up drawings ready and will be looking into the commentary later.
  - iii) Table 5.1.1 takes the proprietary text and added lateral resistance systems.
  - iv) The WG is discussing Post-tensioned and reinforced concrete floors that are not used to tie any connections.
  - v) In code and commentary, the WG will clarify the Cantilever setback to the supporting floor. WG is working on a continuous load path, also working on addressing the issue of staking.
  - vi) The WG is looking into the issue of Only the testing agency needs to be approved by the building official for quality assurance.
  - vii) Change fig to tables? Based on ICC format to name fig that has tables to tables. Move tables up on the sheet and move the fig down.
  - viii) The WG is working on extensive changes to shear walls and section 5.4.6.4.4.
  
- d) Task Group Hillside Dwellings (HD) – Ch. 6: Mike Cochran, Dan Dolan, Thor Matteson, Howard Cook, Phil Line, Gary Ehrlich
  - i) Discussed the work of the Task Group.
  - ii) Discussed the additional figures.
  - iii) Added additional clarifications for the stepped floor within the scope of the standard, the use of the tables
  - iv) The WG added new figures from volume 3 of the FEMA document showing section foundations. The problem is that those figures only offer one specific possibility detail for each condition, and other conditions could occur. The WG is going to add a paragraph that those figures are provided as guidance for possible solutions and other solutions still acceptable.
  - v) Fig 6.5.1 also provides suggestions.
  - vi) WG is still working on the commentary.
  - vii) WG need to look into the IRC Hillside section, where there is an indication that Hillside needs to be designed
  
- e) Task Group: Chimneys (CH) – Ch. 7: Ron Lynn, Kevin McOsker, Roy Harthorn, Kelly Cobeen
  - i) Presented the work of the task group.
  - ii) The group is looking into comments on the plan set and provide mark-up.
  - iii) The WG added clarifications and added contractor definition.
  - iv) The WG does not have an issue with fig vs. tables.
  - v) Section 7.6.1 #8 for all aspects of construction to be only for design category E or two stories or more.
  - vi) The WG added clarifications to the commentary and plan set.

**8. New Business: None**

- i. New proposal for group B- members generally agreed to consider the concept of a Group B proposal. Staff will circulate a draft. The draft will be discussed during one of the upcoming member's meetings.
- ii. Next Meeting: December 14th Tuesday from 1:00 PM CT to 4:00 PM CT

**9. Meeting adjourned**

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Attendance Roster

Name	Oct. 16, 2020	Dec. 18, 2020	Feb. 25, 2021	May 18, 2021	Aug. 24, 2021	Nov, 02 2021	
<b>Committee Members</b>							
Omar Amini	X	X	X	X	X	X	
Kelly Cobeen	X	X	X	X	X	X	
Michael Cochran	X	X	X	X	X	X	
Howard Cook	X	X	X	X	X	X	
J. Daniel Dolan	X	X	X	X	X	X	
Gary Ehrlich	Sent regrets	X	X	X	X	X	
Oscar Iniguez	X	Withdrawn from membership					
Philip Line	X	X	X	X	X	X	
Ronald Lynn	X	X	X	X	X		
Thor Matteson	X	X	X	X	X	X	
Kevin McOsker	X	X	X	X	X	X	
<b>Alternates</b>							
<b>Interested Parties</b>							
Colin Blaney			X				
David Collins		X					
Roy Harthorn	X						
Dean Greenleaf			X	X	X	X	
Ayse Hortacsu	X			X		X	
Janiele Maffei	X	X		X	X		
Brian Olsen							
Randy Shackelford				X	X		
Larry Stevig	X	X		X	X	X	
Bob Torbin		X					
Kaveh Aminian					X		
Jimmy Fiches					X		
Kim Tietz					X		
Ray Allshouse						X	
<b>ICC Staff</b>							
Lawrence Novak	X	X	X	X	X	X	
Karl Aittaniemi		X			X		
Samhar Hoz	X	X	X	X	X	X	
Susan Dowty							
Mike Pfeiffer							