



# ICC LA BASIN CHAPTER STRUCTURAL CODE COMMITTEE



## MEETING MINUTES

Tuesday, July 24, 2007  
1:00 p.m. to 4:00 p.m.  
L.A. County Annex Building  
2<sup>nd</sup> Floor Conference Room  
900 S. Fremont Avenue, Alhambra

### ATTENDEES:

#### Chairpersons Present:

Truong Huynh  
Philip Yin

#### Committee Members Present:

Steve Lam, Forest Nishiyoka, Ben Yousefi,  
Jameson Lee, Ben Ling, Ed Alexanians,  
Eddie Yamamoto, Les Cho

#### ICC Board Members Present:

None

### STAKEHOLDERS IN AUDIENCE:

#### SEAOSC Committee Members Present:

James Lai (Seismology)  
Tom VanDorpe (Light Frame)  
Truong Huynh (Steel)

#### Structural Engineers Present:

Mikhail Gershfeld (APA)  
Timothy Koutsouros (VCA)

#### Other:

Jae Lee

### DOCUMENT HANDOUTS:

- 2002 LARUCP Recommendation on Existing Amendments
- 2007 LARUCP Recommendation on New Amendments
- 2007 LARUCP Tentative Meeting Schedule
- Email 2007-07-18 mechanically driven nails
- Email 2007-07-19 mechanically driven nails
- Email 2007-07-20 quality of nails

### MEETING AGENDA

1. Introduce new member(s) not in attendance in previous meeting(s).
2. Approval of minutes of previous meeting.
3. Assign a lead person(s) to material chapters not yet selected.
  - Chap 17, 20 and 21 remain unassigned
4. Discuss existing business from previous meeting.
  - Truong will present the tentative schedule of when certain remaining material chapters are to be discussed and reviewed.
  - Discuss survey on each jurisdiction's inspection staff to determine if LARUCP 23-7 amendment is still necessary.



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- Discuss survey on each jurisdiction's inspection staff's determination on how prevalent the over-penetration of nails into 3-ply plywood is in the field. Mehran and James will present prevailing opinions from Seismology and Light Wood Frame Committee. Make recommendation on LARUCP 23-10 and the 25% reduction of shear wall values.
- 5. Review existing LARUCP amendments related to Chapter 23 Wood.
  - Discuss LARUCP 23-10 thru 23-18 and make recommendation to keep or delete existing amendments.
- 6. Open discussion of any new business.
  - Truong - Discuss effort to post meeting minutes to ICBOLABC website.
  - Concerns regarding our timeframe for completing LARUCP for code adoption.
  - Ben - Proposal to meet on a weekly basis.
- 7. Establish tasks to complete for the next scheduled meeting.
- 8. Determine next meeting time and location.

## DISCUSSION/COMMENTS:

1. Introduce new member(s) not in attendance in previous meeting(s).
  - No new members presented.
2. Approval of minutes of previous meeting.
  - Truong asked the members present to approve previous meeting minutes. James Lai made a motion to approve, Ben Yousefi second the motion. Motion was approved with no objection.
3. Assign a lead person(s) to material chapters not yet selected.
  - Steve Lam volunteered to be the lead person for Chap 17.
  - Lead persons for Chap 16 are Philip Yin and Jameson Lee.
  - Lead person for Chap 17 is Steve Lam.
  - Lead person for Chap 18 is Hassan Alameddine.
  - Lead persons for Chap 19 are Ben Yousefi and James Lai.
  - Lead person for Chap 22 is Truong Huynh.
  - Lead persons for Chap 23 are Ben Yousefi , Steve Lam and Tom VanDorpe.
  - Lead person for Chap 34 is Steve Ikkanda.
  - Chap 20 and 21 are still outstanding.
  - See attached email distribution list for contact information of the lead person(s).

**Action Item 1:** Any and all inputs or comments related to Chap 16, 17, 18, 19, 22, 23 and 34 should be forwarded to any of the designated lead persons who will then organize and present the materials to the committee members for discussion and/or review. Lead person should provide a quick bullet point summary of topics to be discussed and email them to either Philip or Truong for incorporation in the next meeting agenda.



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4. Discuss existing business from previous meeting.
  - Truong presented a tentative schedule for certain remaining material chapters to be discussed and reviewed. Some committee members were concerned that the final amendment documents will not be ready before the deadline of their respective jurisdiction if the meeting occurs bi-weekly. Based upon the group's discussion and desire, the committee decided to meet on every Tuesday starting on August 1 to speed up the review process.

**Action Item 2:** Truong will revise the tentative schedule of certain remaining material chapters to be discussed and reviewed on a weekly basis and present it to the committee in the next meeting.

- Discussed the surveys on each jurisdiction's inspection staff to determine if LARUCP 23-7 amendment is still necessary. Only some jurisdictions presented their findings based upon input from their inspection staff. After much deliberation for and against this amendment, the committee recommended in favor of keeping the existing provision with proposed revisions to the language as submitted by Ben Schmid regarding nail "dimensions" over "tolerances" and "clipped head nails" over "clipped nails". Committee to recommend **APPROVED WITH CONDITIONS**.

**Action Item 3:** Ben/Steven will make the necessary revision to reflect the change in this amendment and email it to the committee members for final review and approval.

- Discussed survey on each jurisdiction's inspection staff's determination on how prevalent the over-penetration of nails into 3-ply plywood is in the field. Only some jurisdictions presented their findings. This issue is still prevalent. Tom VanDorpe presented prevailing opinions from Seismology and Light Wood Frame Committee that this be omitted based upon today's improved practice. A motion was made to apply a 50% reduction in 3-ply plywood where no special deputy inspection was provided. Where special deputy inspection is provided, the full value would be permitted. The committee members voted and the simple majority was in favor of recommending adopting this proposed language in lieu of the existing language. With regards to the 25% reduction of shear wall values, the committee made the recommendation to drop this provision. The reason for omitting this part of the provision is noted in the previous meeting minutes. Lastly, footnote 4 regarding the note "This footnote does not apply to earthquake" will be kept as there was no majority vote to omit this provision. The committee recommend **APPROVAL WITH CONDITIONS**.

**Action Item 4:** Ben/Steven will make the necessary revision to reflect the change in this amendment and email it to the committee members for final review and approval.

5. Review existing LARUCP amendments related to Chapter 23 Wood.



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- LARUCP 23-7, 23-10, 23-11 to 23-16 were discussed. Based on the committee's discussion, the following recommendations are summarized:
- LARUCP 23-7: See agenda item #4 above for further discussion on this subject. The committee discussed the email sent from Ben Schmid dated 7/20/07 regarding quality of nails used in shear wall panel. The committee recommends deleting last sentence of section 2315.5.8 of 2001 CBC to read as follows: "Quality of Nails: Mechanically driven nails used in shear wall panel construction shall meet the same dimensions as that required for hand-driven nails, including diameter, minimum length and minimum head diameter. No clipped head nails permitted." Committee to recommend **YES with conditions**.
- LARUCP 23-10: See agenda item #4 above for further discussion on this subject. The committee had a lengthy discussion on whether to approve or omit the 25% reduction of allowable shear wall values, footnote 4 and 6 of Table 23-II-I-1 of the existing LARUCP 23-10. Based on a final vote, the committee recommend a limit on the allowable shear wall values of 3-ply plywood to 50% of allowable shear wall values in Table 2306.4.1 where no special inspection for wood was provided in lieu of the 200 plf limitation, recommended to keep footnote 4, and recommended to drop the 25% reduction limitation allowable shear values.
- LARUCP 23-11. No longer necessary as it is addressed in CBC Section 2301.8.2, 2308.11 and 2308.12. Committee to recommend **NO**.
- LARUCP 23-12. No longer necessary as it is addressed in CBC Section 2308.12.1 and 2308.12.3. Committee to recommend **NO**.
- LARUCP 23-13. **Pending** further discussion. A careful evaluation of Section 2308.12.2 exception is needed before a decision can be made.

**Action Item 5:** All committee members to review Section 2308.12.2 exception before the next meeting.

- LARUCP 23-14. Due to the higher seismic risk factor within the Los Angeles region, it was deemed critically important that interior bearing partition should have continuous foundation support underneath. Committee to recommend **Yes**. Furthermore, this section is located in Section 2308.3.4 of the 2007 CBC and the need to eliminate the exception was also recommended.

**Action Item 6:** Ben/Steven will make the necessary revision to reflect the change in this amendment and email it to the committee members for final review and approval.

- LARUCP 23-15. No longer necessary as it is no longer addressed or required in the 2007 CBC. Committee to recommend **NO**.
- LARUCP 23-16. Pending further discussion.



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- LARUCP 23-17. To be discussed.
  - LARUCP 23-18. To be discussed.
6. Open discussion of any new business.
- Truong will provide a new schedule based upon the committee's decision to meet weekly.
- Action Item 7:** Truong will make the necessary revision to reflect the change in schedule and email it to the committee members for review.
7. Establish tasks to complete for the next scheduled meeting.
- The committee will continue to discuss remaining items of LARUCP Chapter 23.
8. Determine next meeting time and location.
- July 31 (Tuesday), 1:00 PM to 4:00 PM at the **1st floor** of the Annex Building.

Note: The Annex Building is a 3-story building located to the north east of the Headquarters Building within the same DPW site. Park on the east side of the parking lot and you will see it.

### **ACTION ITEMS (FOLLOW UP) AND RESPONSIBLES:**

1. Review of Chapter 23 Wood. Forward any comments and proposals, if any, to Steven Lam, Ben Yousefi, or Tom VanDorpe.
2. Truong will follow up with the Steel Committee and present his findings back to the committee at a later date.
3. Truong will present a revised tentative schedule of when certain remaining material chapters are to be discussed and reviewed.
4. Ben/Steven will make the necessary revision to reflect the change in the 2 amendments noted above and email it to the committee members for final review and approval.
5. All committee members to review Section 2308.12.2 exception before the next meeting.

### **NEXT MEETING:**

July 31 (Tuesday), 1:00 PM to 4:00 PM at the **1st floor** of the Annex Building.