



# ICC LA BASIN CHAPTER STRUCTURAL CODE COMMITTEE



## MEETING MINUTES

Tuesday, September 11, 2007  
1:00 a.m. to 4:00 p.m.  
L.A. County Building  
900 S. Fremont Avenue, Alhambra  
3<sup>rd</sup> Floor Conference Room

### ATTENDEES:

#### Chairpersons Present:

Philip Yin  
Truong Huynh

#### Committee Members Present:

Steve Lam, Forest Nishiyoka, Jameson Lee,  
Ben Yousefi, Mazen Dudar, Eddie Yamamoto

#### ICC Board Members Present:

none

### STAKEHOLDERS IN AUDIENCE:

#### SEAOSC Committee Members Present:

James Lai (Seismology)  
Tom Van Dorpe (Light Frame)  
Truong Huynh (Steel)

#### Structural Engineers Present:

Mikhail Gershfeld (APA)

#### Other:

none

### DOCUMENT HANDOUTS:

- LARUCP Recommendation on New 2007 Amendments dated 9/9/07
- Proposed 3<sup>rd</sup> Draft dated 9-10-07 of 2007 LARUCP Structural Amendment
- Email dated 8/26/07 by Bob Bachman
- Email dated 9/4/07 by Yung Kao
- Email dated 9/4/07 from Amal Sinha

### MEETING AGENDA

1. Introduce new member(s) not in attendance in previous meeting(s).
2. Approval of minutes of previous meeting.
3. Discuss existing business from previous meeting.
  - Review & finalize all proposed drafted amendments (see 3<sup>rd</sup> draft dated 9-10-07).
  - There are 3 remaining LARUCPs not completed yet (16-01, 16-05, and 19-03).
4. Open discussion of any new business.
  - Discuss email dated 8-26-07 by Bob Bachman.
  - Discuss email dated 9-4-07 by Yung Kao.



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- Discuss email dated 9-4-07 from Amal Sinha.
- 5. Establish tasks to complete for the next scheduled meeting.
- 6. Determine next meeting time and location.

### DISCUSSION/COMMENTS:

1. Introduce new member(s) not in attendance in previous meeting(s).
  - No new introduction done.
2. Approval of minutes of previous meeting.
  - Approval of minutes of previous meetings dated 8/14/07 and 8/21/07 was motioned by Truong. Committee approved the minutes without any modifications.
3. Discuss existing business from previous meeting.
  - Review 2007 LARCUP 16-01. Editorial changes to the exception to #4. Add reasoning for amendment to complete this proposal.
  - Review 2007 LARCUP 16-02. No further review needed.
  - Review 2007 LARCUP 16-03. No further review needed.
  - Review 2007 LARCUP 16-04. Editorial changes to include "in height" after the word "stories".
  - Review 2007 LARCUP 16-05. Amendment language added.
  - Review 2007 LARCUP 16-06. No further review needed.
  - Review 2007 LARCUP 16-07. Editorial changes to revise  $C_r$  to  $C_t$  and to include (0.0731) to be consistent with ASCE 7.
  - Review 2007 LARCUP 16-08. No further review needed.
  - Review 2007 LARCUP 16-09. No further review needed.
  - Review 2007 LARCUP 16-10. Editorial changes to revise "analyses" with "analysis".
  - Review 2007 LARCUP 16-11. No further review needed.
  - Review 2007 LARCUP 17-01. No further review needed.
  - Review 2007 LARCUP 17-02. Strike out exception #4.



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- Review 2007 LARCUP 17-03. No further review needed.
  - Review 2007 LARCUP 17-04. Revise Exception #3 by omitting the exemption for residential structures of two story, buildings with B, F, M and S occupancies with an occupant load of 10, and residential structures increased to 2,000 sf.
  - Review 2007 LARCUP 18-01. Revise detail to reflect that 2 #4 bars are provided so as to be consistent with the text stipulating the # of reinforcements.
  - Review 2007 LARCUP 19-01. No further review needed.
  - Review 2007 LARCUP 19-02. Combine the word “contra flexure” as one word “contraflexure”.
  - Review 2007 LARCUP 19-03. After much discussion, the committee withdrew the proposal to prohibit the use of plain concrete for use other than as fill. A revised amendment to address plain concrete without proper reinforcement is to take its place. Ben to draft and forward to Truong for incorporation.
  - Review 2007 LARCUP 22-01. No further review needed.
  - Review 2007 LARCUP 23-01. No further review needed.
  - Review 2007 LARCUP 23-02. No further review needed.
  - Review 2007 LARCUP 23-03. No further review needed.
  - Review 2007 LARCUP 23-04. Editorial change to omit the word “manufactured with exterior glue”. Also omitted from the Table plywood thickness less than 3/8”. Omitted from table included the removal of “galvanized box” nail. Revert the footnote d to its original form and remove the subscript d from all values under the seismic column.
  - Review 2007 LARCUP 23-05. Editorial change to replace the word “ciiker” with “cooler”.
  - Review 2007 LARCUP 23-06. For brace wall panel requirement #1, the word “garage” to be strike out so this provision can be expanded to all U occupancies.
4. Open discussion of any new business.
- Discussed Bob’s email dated 8/26/07. While the committee did not necessarily disagree with the recommendations suggested for suspended ceiling, most members indicated that outside of LA City, this proposed amendment might not be adopted by most jurisdictions. So as to keep intact what is essentially an LA City amendment, the committee decided not to make any further changes or revisions at this time. If many jurisdictions do adopt and this provision becomes overly restrictive, then an information bulletin issued by the committee to address the issue would be an appropriate step to take. The recommendations suggested



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for minimum base shear, if approved as a Supplement 2 of ASCE 7, would still present a problem for purpose of legal enforcement. Errata, not supplements, are permitted to be included as part of the code. Lastly, the approximate period formula for BRBF system, as suggested by Bob, may have been addressed by an errata to ASCE 7. Researching the information on the [www.seinstitute.org](http://www.seinstitute.org) did not yield the desired errata to ASCE 7. So as to ensure that this provision is in place, the committee will move forward with recommending this amendment to address design criteria for BRBF.

- Discussed Yung Kao's email dated 9/4/07. While the committee did not necessarily disagree with the recommendations suggested for omitting the amendments to item #3 in the exception, the committee felt it was important this provision remain in place due to gain uniformity amongst other jurisdiction. While each jurisdiction can make a determination as to when a structural observation should be provided, it was intended more for gaining uniformity of application. Furthermore, it was the consensus of the members present that the main body of this proposed amendment was to ensure that the registered design professional of record provide the structural observation and that a preconstruction meeting be included as part of the observation.
  - Discussed Amal's email dated 9/4/07. The committee concurred mostly with the comments made by a member of TUCC regarding the LARUCP's amendment. However, since the majority of the concern is due to the fact that the majority, if not all, of the LARUCP provisions are intended to address structural issues for buildings and structures located in Seismic Design Category D and higher.
5. Establish tasks to complete for the next scheduled meeting.
- Ben is to forward to Truong the proposed revision to the 2007 LARUCP 19-03 based upon the committee's discussion on the use of structural plain concrete.
  - The committee's primary work on drafting LARUCP amendments is complete. No future meeting is scheduled.
  - Truong will finalize the LARUCP document and forward to the ICC LA Basin Chapter Board the committee's recommendations.
6. Determine next meeting time and location.
- Until further notice, no future meeting will be scheduled.

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

1. Ben is to forward to Truong the proposed revision to the 2007 LARUCP 19-03 based upon the committee's discussion on the use of structural plain concrete.
2. Truong will finalize the LARUCP document and forward to the ICC LA Basin Chapter Board the committee's recommendations.

### **NEXT MEETING:**

Until further notice, no future meeting date is scheduled.