



MINUTES

STRUCTURAL COMMITTEE MEETING

June 12, 2008

2:20 pm to 4:00 pm

Los Angeles County Building, Alhambra Room
900 S. Fremont Ave., Alhambra



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STRUCTURAL CODE CHAIR

STEVE LAM, S.E.
Senior Civil Engineer
County of Los Angeles, CA

Chair: Steve Lam (LA County) Secretary: Eric Browning (LA County)

Committee Members Present:

Steve Lam, Eric Browning, Jameson Lee, Philip Yin, Jae Lee, Gustav Bohm

ICC Board Members Present:

Truong Huynh

SEAOSC Committee Members Present:

James Lai

DOCUMENT HANDOUTS:

- Meeting Agenda
- Draft meeting minutes
- Draft masonry wall correction sheet
- Draft Type V sheet
- Various emails and letters

1.0 Introduction

Committee members made a round of introduction.

Committee members also approved the meeting minutes for the May 8, 2008 meeting.

2.0 Subcommittee Reports and Discussions of Correction Sheets

2.1 The discussions of supplemental correction sheets were as follows:

- The draft Masonry Wall correction sheet was distributed to committee members for review and comment. Philip mentioned that diaphragm anchorage should be included in this correction sheet. There were discussions as to whether the diaphragm anchorage and out-of-plane wall design should be part of this correction sheet since this draft mainly contains correction items related to shear wall. At the end, the committee agreed to add one more sheet include the out-of-plane wall and anchorage design.
- ACI 530 allows cantilevered masonry column per section 3.1.3.1, however only the R value is provided. Steve asked James to go to SEAOSC's Seismology Committee for recommendation of the Ω_0 and the C_d factors.



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- A draft of the Type V sheet was distributed for committee members to review and comment.
- Truong mention that a draft of the steel moment frame matrix has been prepared by the SEAOSC Steel Committee. Truong will forward the matrix to Steve to distribute to committee members for review.
- The Chapter 19 subcommittee will provide a draft of the Concrete Shear Wall supplemental correction sheet in the next meeting.
- Steve to draft a policy to limit the length ratio of wood shear wall panels to 3:1 unless rigidity analysis is provided.

2.2 A draft of the Type V sheet was distributed for committee members to review and comment. Committee members to review and forward any comments to Steve.

3.0 Code Interpretations

3.1 The committee discussed Smart Components' Lateral Force Resisting Truss Systems. Not much Information is available regarding this lateral force resisting system. Information from the Orange County Chapter seems to indicate that this is a wood truss system. Steve will communicate with Henry Huang to get the results of recent test conducted by Smart Components.

3.2 Steve distributed an email from Henry Huang, Chair of the Administration Committee, asking about the Statement of Special Inspection. Steve will communicate with Les Cho, who is a member of the SEAOSC Quality Assurance Committee, to find out if his committee has done any work on this subject.

3.3 The committee proceeded to discuss Solar Photo-Voltaic System which is a topic initiated by the Orange Empire Chapter. A draft of the solar photovoltaic installation guideline has been distributed to each committee member via email. The committee over all agreed to tackle the dead load issue associated with installation of the panels on the roof. Eric will bring LA County's policy on this subject to the next committee meeting.

3.4 Chapter 23 subcommittee members were not in attendant to report on the status of the policy on limiting the ratio of wood shear wall length along the same line without rigidity analysis. Steve to come up with a draft of the policy.

3.5 James updated the committee on anchor bolt capacities based on Appendix D of ACI 318-05. SEAOSC Seismology Light Frame Subcommittee will conduct a series of test to verify the failure mode and capacity of sill bolt anchorage to concrete. Steve asked James if there is a set schedule for this test. James said he does not have a schedule at this time, but will update the committee when the testing takes place. James also submitted a proposed code change to Chapter 14 of ASCE 7 on this subject. Steve distributed a copy of the proposed changes to the committee.

4.0 Open discussions



None

5.0 ESTABLISH NEXT MEETING TIME AND LOCATION:
Next Meeting: July 10, 2008 2:00 PM – 4:00 PM
Location: LA County Dept. of Public Works, Alhambra Room



6.0 ADJOURNMENT.
Meeting adjourned at 4:00 PM.

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