



MINUTES

STRUCTURAL COMMITTEE MEETING

August 12, 2008

2:00 pm to 4:00 pm

Los Angeles County Building, 3rd Floor Conf. 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, Jae Lee,

ICC Board Members Present:

None

SEAOSC Committee Members Present:

James Lai, Richard Hess, Ben Schmid

DOCUMENT HANDOUTS:

- Meeting Agenda
- Draft meeting minutes for June 12 meeting
- Draft concrete shear wall correction sheet
- Draft masonry wall correction sheet
- Draft steel frame design parameter matrix
- Draft Type V sheet

1.0 Introduction

Committee members made a round of introduction.

Committee members also approved the meeting minutes for the June 12, 2008 meeting.

2.0 Subcommittee Reports and Discussions of Correction Sheets

2.1 The discussions of supplemental correction sheets were as follows:

- The draft Concrete Shear Wall supplemental correction sheet was distributed to committee members for review and comment. James mentioned that item 10 under Plans Details was added to ensure that tilt-up shear walls are detailed to conform with the requirements of Special Structural Walls.
- The draft Masonry Wall correction sheet was distributed to committee members for review and comment. Steve asked James and Richard to contact SEAOSC Building and Seismology Committees to recommend C_d and Ω_o values for columns and piers used to resist seismic loads. Ben and Richard will provide more



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information regarding the grout lift of 12.67 ft indicated on item no. 2c under Notes on Plans.

- A draft of the steel moment frame matrix prepared by the SEAOSC Steel Committee was distributed. No major discussions nor comments were made. The committee is waiting for SEAOSC's Steel Committee to come up with a draft of the document to supplement the matrix.
- LARUCP Information Bulletin ST-01 was distributed to the committee members. Committee members had a quick review of the document and had the following comments: James mentioned whether the 6-ft spacing of the anchor bolts is adequate. A lengthy discussion was followed regarding the requirements of ACI Appednix D. James mentioned that SEAOSC is putting together a testing program to verify anchor capacities in light framed wood construction. In the mean time, James recommended the anchor bolt spacing be limited to 4 feet on center. The 8" from the natural grade should be measured to the bottom of the sill plate instead of the top of the sill plate.
- LARUCP Information Bulletin ST-02 was distributed to the committee members. Committee members will review and provide comments in the next meeting.

3.0 Code Interpretations

- 3.1 The committee is collaborating with SEASOC's Quality Assurance Committed to develop the Statement of Special Inspection program. Steve will work with the Chair of that committee, Jonathon Robertson, and invite him to attend our next meeting.
- 3.2 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. Steve will bring LA County's policy on this subject to the next committee meeting.
- 3.3 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.

4.0 Open discussions

- 4.1 According to James, HCD will be adopting the IRC in January, 2009. James direct the committee to Steve Ikanda of ICC for additional information.
- 4.2 Ben distributed a copy of an ICC-ES document containing the following subject, "Proposed Guideline for a Process to Develop Seismic Performance Factors for Lateral-Force-Resisting Products, Subject Miscellaneous 1-0808-R1 (KS/BG). This is in regards to the development of equivalency of seismic factors for narrow metal shear panels to plywood structural shear panels. Ben mentioned that tests



inducted that the manufactured narrow metal shear panels are not equivalent in load or energy dissipation to the wood structural shear wall panels. ICC-ES is developing a Acceptance Criteria for this type of project, Ben will provide additional information in the future.



5.0 ESTABLISH NEXT MEETING TIME AND LOCATION:
Next Meeting: September 11, 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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