



CODE ADVISORY COMMITTEE

Regular Meeting of the Structural Subcommittee

DATE: February 8, 2011 (Tuesday)
TIME: 9 a.m to 11 a.m.
LOCATION: 1660 Mission St., Room 2031

This Subcommittee meets regularly on the second Tuesday of each month at 1660 Mission St., Room 2031. (DBI Office). If you wish to be placed on a mailing list for agendas, please call (415) 558-6205.

Note: Public comment is welcome and will be heard during each item. Reference documents relating to agenda are available for review at the 1660 Mission Street, 2/F. For information, please call David Leung at (415) 558-6033.

Draft MINUTES

Present

Stephen Harris, S.E
Rene' Vignos, S.E.
Marc Cunningham

Absent

Other Present

Pat Buscovich, S.E.
Laurence Kornfield, DBI
David Leung, DBI

1.0 Call to Order and Roll Call.

Members: Stephen Harris, S.E.; Chair; Rene' Vignos, S.E.; Marc Cunningham

Meeting was called to order at 9:00 a.m. Quorum established with 3 members present.

2.0 Approval of the minutes of the Structural Subcommittee regular meeting of January 11, 2011.

A motion to approve the minutes. Seconded and approved.

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3.0 Discussion and possible action on updating Administrative Bulletins: AB-084 to 2010 San Francisco Building Code.

The following comments from BIC Commissioner and Structural Engineer Kevin Clinch were discussed:

- (A) COMMENT: The second paragraph in the "Discussion" section notes that overturning forces are resisted with wood end posts in "conventional" systems. The same is true for continuous tiedown systems. Posts are required to resist the tension in the rod at the tension end, and to resist the compression forces at the compression end.

DISCUSSION: Proposed revision to AB-084 to impose above requirements for the wood end posts was not approved.

- (B) COMMENT: Under "Requirements", add the requirement that any system proposed for a project have a current ICC Evaluation Services report. Alternatively, if the engineer chooses to design their own system, including all the components of their system, they should provide calculations and specifications for all the components. Also, test data or an ICC Evaluation Services report shall be submitted to substantiate their design of the shrinkage compensating device.

DISCUSSION: AB-084 will be updated to state that either the system was listed or to meet all requirements of AB-84.

- (B) COMMENT: Requirement 7 could be open to interpretation / challenge. What is a "common" shear wall? If the 2nd floor wall is 8 ft long and the 1st floor wall is 12 ft long, with one end of each aligned, are these walls common? Must the engineer use a continuous tiedown system at the aligned end, the unaligned end of the 2nd floor wall and the unaligned end of the 1st floor wall? If the wall at the 2nd floor is offset but along the same orthogonal line as the wall, are these walls common?

DISCUSSION: Requirement number 7 will be updated as follows: "Mixing of conventional and continuous tiedown systems within shear walls along a common line ~~a common shear wall~~ is prohibited."

Commissioner Kevin Clinch will be invited to the next Structural Subcommittee meeting for further discussion.

- 4.0 Discussion and possible action on 2010 SFBC Section 3404.7.1.
An administrative bulletin will be drafted to clarify the "substantial change" in this section.
- 5.0 Discussion and possible action on 2010 SFBC Sections 3402 and 3405.4.

Disproportionate damage was discussed. The proposed amendment was approved and will be forwarded to full CAC for further discussion and action.
An administrative bulletin will be drafted to clarify these sections.

- 6.0 Items 3.0 thru 5.0 will be continued in next meeting.

7.0 Public Comment:

No public comment.

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8.0 Adjournment.

The meeting was adjourned at 10:30 a.m.