

CODE

- (a) Basis of design document, including the earthquake-performance objectives, the overall earthquake-resistant design methodology, and acceptance criteria
- (b) Proposed structural system
- (c) Earthquake hazard determination, and selection and modification of earthquake ground motions
- (d) Modeling approaches for components
- (e) Structural analysis model, including soil-structure interaction as applicable, and verification that the structural analysis model adequately represents the properties of the structural system
- (f) Review of structural analysis results and determination of whether calculated response meets approved acceptance criteria
- (g) Design and detailing of structural components
- (h) Drawings, specifications, and quality control/quality assurance and inspection provisions in the design documents

A.13.4 The independent structural design review shall be documented as follows:

- (a) The independent structural design reviewer shall issue comments and questions to the licensed design professional.
- (b) The licensed design professional shall provide written responses to the independent structural design reviewer.
- (c) The independent structural design reviewer shall summarize the review in a letter addressed to the building official that shall include a log of all questions or comments and responses. Any items that lack resolution or consensus shall be clearly explained with reasons for lack of agreement.

COMMENTARY

RA.13.4 A statement of agreement with the design should be provided. However, there may be occasions where complete agreement between the independent structural design reviewer and the licensed design professional cannot be reached. These items should be documented in the summary review letter.