



WEBINAR: SOFT STORY DESIGN GUIDE

Date:
Wednesday, February 15, 2016

Time:
12:00pm – 1:00pm

Cost:
Members: \$75
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The objective of the design example is to demonstrate the basic steps to retrofit an existing wood frame building subject to the Los Angeles Ordinance 183983 and 184081, which amends Division 93 titled: "Mandatory Earthquake Hazard Reduction in Existing Wood-Frame Buildings with Soft, Weak, or Open-Front Walls", referred to as "the Ordinance" in this document. It is important to point out that the example was created based on the latest draft of the Ordinance 183983 dated October 13, 2015, effective on November 22, 2015 and amended with Ordinance 184081 on January 28, 2016. Given that there may be amendments or slight alterations from this version, certain design requirements may differ in subsequent versions of the Ordinance.

The example demonstrates a prescriptive Ordinance-based approach to retrofit a building with an open-front wall line. Also discussed within the design guide are how capacity based design principles can be applied to wall line retrofits. Following the example of the prescriptive approach, a demonstration is given showing how FEMA P-discussion of key aspects of the Ordinance including the timeline, scope, and responsibilities of the design professional. Also provided are practical considerations that give design professionals insight into how to avoid/overcome design and constructability challenges.

PRESENTERS



David Funk, S.E.
John Labib + Associates Structural Engineers

David Funk, S.E., a graduate from University of Southern California, joined John Labib + Associates Structural Engineers as a partner and principal in 2011. David brings technical excellence, top notch communication and management skills compounding JLA's thriving success. His passion for innovative problem solving and positively infectious personality are keys to his rapid success in the industry. David has completed the seismic retrofits of many soft-story and non-ductile concrete building throughout Los Angeles. His extensive experience in Type III and V construction as well as non-ductile concrete building retrofit and adaptive reuse conversion led to his involvement with SEAOSC's the Existing Building Committee where he is a key contributing member.



Andy Alexander, P.E.
Andy Alexander & Associates

Andy Alexander, P.E., a master's graduate from California Polytechnic State University in San Luis Obispo and Principal of Andy Alexander & Associates. Andy has extensive experience in the design of light framed structures including high-end residential, multi-family residential, commercial, and soft story retrofit projects. He is currently in charge of several ground up construction and retrofit projects including those with soft-story deficiencies. Andy's alignment of skills and passion in this area have led to his involvement with SEAOSC's Existing Building Committee where he has contributed to the team's latest publication relating to the City of Los Angeles' Soft Story Retrofit Ordinance.