

**INITIAL STATEMENT OF REASONS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT**

**REGARDING PROPOSED CHANGES TO
2010 CALIFORNIA ADMINISTRATIVE CODE
AND
2010 CALIFORNIA BUILDING CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PARTS 1 & 2 - STRUCTURAL**

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons (ISOR) be available to the public upon request when a rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

STATEMENT OF SPECIFIC PURPOSE AND RATIONALE:

The purpose of this proposed action is to update the 2010 California Administrative Code (2010 CAC) and the California Building Code (2010 CBC) based on new information since the adoption of 2010 California Building Standards Code (CBSC).

2010 CALIFORNIA ADMINISTRATIVE CODE

CHAPTER 6 - SEISMIC EVALUATION PROCEDURES FOR HOSPITAL BUILDINGS

Section 1.5.2.2.5 and 1.5.2.7.5 – Existing provisions require hospitals to perform complete nonstructural evaluation of building(s) six years before the Nonstructural Performance Category (NPC) deadline, construction document submittal four years before the NPC deadline, and obtain permit(s) two years before the NPC deadline. Amendments will exempt hospitals from these requirements if they have permit(s) to relocate all their general acute care bed to a buildings SPC 3 or higher and NPC 5 for consistency with Senate Bill 306 (SB 306, Chapter 642, Statute of 2007).

2010 CALIFORNIA BUILDING CODE

CHAPTER 10 - MEANS OF EGRESS

Section 1003.1.1 – Contents of this section are relocated to Sections 3424 and 3417A for consistency.

CHAPTER 12 - INTERIOR ENVIRONMENT

Section 1224.4.1 – Contents of this section are relocated to Section 3424 and 3416A for consistency.

CHAPTER 16 - STRUCTURAL DESIGN

Section 1601A.2 – This section is deleted since adoption of Sections 102.4.1 and 102.4.2 made this section redundant.

Section 1603A.1.5 – Requirements for showing location of seismic base and seismic analysis procedure used in design are added, since these are important design parameters and/or required for post construction evaluations.

Section 1615A.1.27 – ASCE 41 modeling parameters for nonlinear response history analysis is adopted for new buildings.

Section 1615A.1.28 – Load combination requirements for nonlinear response history analysis is clarified.

Section 1615A.1.30 – Requirements for design of member for load combinations with overstrength factor is clarified.

Section 1615A.1.40 - This section is revised for consistency with the 2010 CAC Chapter 6 Section 4.2.0.1.

CHAPTER 21A - MASONRY

Section 2105A.2.1 – Errata.

CHAPTER 22A - STEEL

Section 2205A.5.1.2 – Prohibition on orthogonal moment frame is removed based on recent steel special moment frame testing by ConXtech.

CHAPTER 34 - EXISTING STRUCTURES

Section 3401.5.1(Existing) – This section is deleted since adoption of Sections 102.4.1 and 102.4.2 made this section redundant.

Section 3402.1 – Definition of the term “retrofit” is added.

Section 3424 – Contents of Sections 1003.1.1.2 and 1224.4.1 are relocated to this section for consistency.

CHAPTER 34A - EXISTING STRUCTURES

Section 3402A.1 – Definition of the term “General Acute care Hospital” is made consistent with Section 1224.3 and definition of the term “retrofit” is added.

Sections 3403A.4 and 3404A.4 – An exemption from drift limit requirements of the ASCE 7 is added for incidental additions and alterations to permit those changes to move forward without requiring major upgrade to the Lateral Force Resisting System (LFRS), since ASCE 7 drift requirements are in general more restrictive than code provisions in prior codes for high rise buildings.

Section 3411A.1(Existing) – This section is deleted for consistency with the 2010 CAC Chapter 6 Section 1.4.5.1.2.3.

Section 3411A.1.1 – This section is clarified by explicitly stating that alteration and retrofit of pre-1973 buildings not designated as SPC 3 or higher can use an importance factor of 1.0.

Section 3412A.1.1 (Existing) and Section 3413A.1 – These sections are deleted since adoption of Sections 102.4.1 and 102.4.2 made these sections redundant.

Section 3416A – Contents of Section 1224.4.1 are relocated to this section for consistency.

Section 3417A – Contents of Section 1003.1.1 are relocated to this section for consistency.

TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:

- ASCE 7-05 “Minimum Design Loads for Buildings and Other Structures”

CONSIDERATION OF REASONABLE ALTERNATIVES

The alternative to these proposed regulations would be to leave regulations as they are. The alternative was rejected, since it would leave design requirements that are outdated from the current national standards.

REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.

There will be no overall adverse cost impact on small business.

FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.

The regulations proposed will have no overall cost impact on business, since they are equivalent to current requirements in the Code.

DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS

These regulations do not duplicate or conflict with federal regulations.