

IR EB-1

EXISTING BUILDING REGULATIONS OVERVIEW: 2022 CAC

Disciplines: Structural History: Issued 03/22/23

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

PURPOSE

This Interpretation of Regulations (IR) clarifies and summarizes regulatory requirements for proposed construction work in existing buildings under DSA jurisdiction. Regulations pertaining to existing buildings under DSA jurisdiction are located in the California Administrative Code (CAC), the California Building Code (CBC), and the California Existing Building Code (CEBC). This summation intends to provide the reader an organized overview of the different project types that occur in existing buildings and an explanation of the relationships between the regulations in these various codes.

SCOPE

This IR is applicable to the design and construction of work proposed in existing buildings subject to DSA jurisdiction, including existing school buildings and existing buildings being converted to use as school buildings.

This IR is not applicable to the design and construction of new school buildings.

BACKGROUND

Regulations in Chapter 4 of the CAC serve as a road map for proposed work in existing buildings under DSA jurisdiction. This includes requirements for rehabilitations and additions in CAC Section 4-306, conversion of an existing building to use as a school building in CAC Section 4-307, and reconstruction and alteration projects in CAC Section 4-309. The CAC refers to the CEBC Sections 317 through 323 for evaluation and retrofit of existing buildings subject to seismic forces. The provisions contained in these CEBC sections originated in Chapter 34 of the 2013 CBC (and earlier editions); it migrated to the CEBC starting with 2016 edition. The current CEBC adopts the American Society of Civil Engineer's Standard 41: Seismic Evaluation and Retrofit of Existing Buildings (ASCE 41) for performance-based seismic design requirements.

1. GENERAL

1.1 Project Types

The design and construction of projects in existing buildings under DSA jurisdiction are generally categorized into one of five categories as defined by CAC Section 4-314. These five categories are correspondingly reflected on the form DSA 1: Application for Approval of Plans and Specifications. In accordance with the form DSA 1, the project type is assigned as a building specific designation; multiple project types may occur in a single application. The categories of work in existing buildings are as follows:

- 1.1.1 Addition: Refer to Section 4 below.
- **1.1.2** Alteration: Refer to Section 2 below.
- **1.1.3** Reconstruction: Refer to Section 5 below.
- **1.1.4** Rehabilitation: Refer to Section 3 below.

1.1.5 Relocation: Refer to Policy (*PL*) 07-02: Over-the-Counter Review of Projects Using Pre-Check (*PC*) Approved Designs, IR 16-1: Design and Construction Requirements for Relocatable Buildings and Modular Elevator Towers, and IR A-1: Approval for Temporary School Use of DSA Approved Relocatable Buildings.

1.2 Construction Cost

Work proposed in existing buildings varies broadly in scope. The CAC regulations establish construction cost thresholds below which alteration and reconstruction projects do not require DSA review and approval. As defined by the regulations, these cost thresholds are adjusted annually. Refer to *IR A-22: Construction Projects and Items Exempt from DSA Review* for additional information (including requirements for exempt projects) and the most current cost threshold values. Construction cost thresholds established by the CAC as follows:

- **1.2.1** The baseline cost threshold for alteration and reconstruction projects is established in CAC Section 4-308.
- **1.2.2** A conditional cost threshold for alteration and reconstruction projects is established in CAC Section 4-309(a). To invoke this second (and higher) threshold the regulation requires submission to DSA documentation from the design professional in general responsible charge, a California licensed structural engineer, and a DSA certified project inspector.

Note: Regulations exempting DSA review and approval based on construction cost do not apply to addition, rehabilitation, or relocation projects. All projects of these type shall be submitted to DSA review and approval, regardless of construction cost. Refer to Section 4.1 below for common project types categorized as additions.

1.3 Other Structures

As described in CAC Section 4-310, school districts may own and operate existing buildings or structures that are not governed by the Field Act.

- **1.3.1** Buildings of this type are required to be identified with appropriate signage, and the school district retains responsibility for code compliance with the governing jurisdiction, which includes employing appropriate design professionals when performing work in these existing buildings. However, the regulations summarized in this IR are generally not applicable to these existing buildings, except when Section 1.3.2 below applies.
- **1.3.2** Should the school district propose to repurpose an exempt building per CAC Section 4-310 to use as a school building, a rehabilitation is required per Section 3.2.1 below.

1.4 Maintenance

In accordance with CAC Section 4-315(a), maintenance work does not require submission to DSA for project approval. Refer to CAC Section 4-314 for the definition of maintenance and see IR A-22 for additional information.

1.5 Demolition

The razing or destruction of a school building falls into one of two cases: complete demolition or partial demolition. Both cases are addressed in CAC Section 4-312.

- **1.5.1** Complete demolition of an existing school building does not require DSA approval unless it is performed as part of an addition, alteration, reconstruction, or rehabilitation. The school district shall inform DSA when it demolishes an existing school building.
- **1.5.2** Partial demolition of an existing school building requires DSA approval. Refer to *IR A-32:* Partial Demolition for additional information.

1.6 Examination and Records

- **1.6.1** In accordance with CAC Section 4-345(a), upon the request of the school district DSA will examine and report on the structural condition of any existing school building. This request may be initiated by the school district's governing board or 10 percent of the parents of students enrolled in the district and is made by completing and submitting form *DSA 2: Application for Evaluation of Existing School Building*.
- **1.6.2** If a school district retains a structural engineer to examine and report on an existing school building per CAC Section 4-345(b), the structural engineer shall consult DSA for guidance concerning the criteria by which the building's structural condition is measured.
- **1.6.3** In accordance with CAC Section 4-350, relevant documents in DSA records are available for use in the examination of or design of construction projects in existing school buildings. School districts or their design team should contact the DSA regional office whose jurisdiction covers the existing building of interest to request the relevant documents.

2. ALTERATIONS

Projects in existing school buildings are categorized as alterations based on the definition found in CAC Section 4-314. Alterations thus defined are effectively any project in an existing building that is not otherwise defined as an addition, reconstruction, rehabilitation, or relocation. If any of the threshold conditions contained in CAC Section 4-309(c) are exceeded; however, the project is categorized as a rehabilitation and not an alteration. Refer to *IR EB-4: Rehabilitation Required by Cost* and *IR EB-5: Rehabilitation Required by Scope* for additional information on the rehabilitation triggering thresholds of CAC Section 4-309(c).

2.1 Local Evaluation and Strengthening

When a rehabilitation is not required of an existing school building by CAC Section 4-309(c), the impact of the proposed alteration work is considered locally. This local approach requires the evaluation and associated strengthening of those existing elements or components impacted by the work as defined by the regulations in CAC Section 4-309(a). When an element or component is determined to be affected by the alteration work, it shall be evaluated (and strengthened when required) for all applicable actions (i.e., axial, moment, shear, etc.), including its connections to the broader structural system.

2.2 Gravity Load Carrying Elements

For structural elements carrying gravity load, CAC Section 4-309(a) requires compliance with CEBC Section 503.3. When the alteration causes an increase in any gravity load case (not load combination) of more than five percent or a decrease in structural capacity, compliance with the CBC is required. Compliance can be achieved by demonstrating the adequacy of the existing element, strengthening the existing element, or replacing the existing element. CEBC Section 503.3 is the only portion of Chapter 5 adopted by DSA, and Exception #2 is not permitted in this adoption.

2.3 Lateral Force Resisting System

For structural components of the lateral force resisting system, CAC Section 4-309(a) directly defines the conditions requiring evaluation and strengthening. When the alteration increases the seismic or wind force to the component by more than 10 percent or reduces the strength or stiffness of the component by more than five percent, the component shall be made to comply with currently effective regulations.

- **2.3.1** When considering the seismic or wind force to a given component, the determination of increased force is limited to that resulting from the proposed alteration work itself. Revisions to the regulations since the time of the existing building's design and construction are likely to have changed the code-prescribed seismic and wind forces; however, this provision does not intend to quantify those changes. The force comparison should be made with and without the proposed alteration work using the same seismic base shear and wind pressures.
- **2.3.2** When considering the seismic and wind forces to a given component, the determination of increased force shall account for the combined effect of all changes made since the original construction. This evaluation of cumulative change requires the increase in force resulting from the proposed alteration be added to any increase in force resulting from all past work in the existing building.
- **2.3.3** When considering the capacity of a given component, the determination of decreased strength or stiffness shall account for the combined effect of all changes made since the original construction. This evaluation of cumulative change requires the decrease in strength (or stiffness) resulting from the proposed alteration be added to any decrease in strength (or stiffness) resulting from all past work in the existing building. Past increases in the component strength or stiffness can be considered as part of the original construction for this comparison.
- **2.3.4** When considering components for which the alteration work results in both an increase in seismic or wind force and a decrease in strength or stiffness, the combined effect shall be accounted for. When the sum of the force increase and capacity decrease exceeds 10 percent, the component shall demonstrate compliance with the CBC. For example, when the seismic force to a component is increased by eight percent and its strength (or stiffness) is decreased by four percent, the summation of these effects (12 percent) exceeds 10 percent and thus warrants demonstration of compliance. A decrease in the seismic or wind force to the component shall be neglected in consideration of the combined effect.

2.4 Nonstructural Components

In accordance with CAC Section 4-309(b), nonstructural components affected by the proposed alteration work shall comply with (or be retrofitted to comply with) the anchorage and/or bracing requirements of the CBC.

2.5 Voluntary Seismic Strengthening

In accordance with CAC Section 4-309(d) and CEBC Section 319.12, an alteration project may propose work designed to voluntarily improve the seismic performance of the existing building when not mandated by the regulations. Voluntary modification to the lateral force resisting system shall comply with CEBC Section 319.12.

3. REHABILITATION

Projects are categorized as rehabilitations when required by the CAC regulations as described in Section 3.2 below. As defined by CAC Section 4-314, a rehabilitation brings the existing building "into conformance with the safety standards of the currently effective regulations, Parts 2, 3, 4, 5, 6, 8, 9, 10, 11 and 12, Title 24, C.C.R."

3.1 Global Evaluation and Strengthening

When a rehabilitation is required of an existing building by CAC Section 4-307 or 4-309(c) or is undertaken at the discretion of the school district, the building systems shall be considered globally. The global approach requires the consideration of all aspects of the building's structural systems and load paths regardless of whether the existing elements or components are directly impacted by the proposed work.

- **3.1.1** A rehabilitation does not exclude the gravity force resisting system from compliance with current safety standards. However, in many cases a rehabilitation project does not require strengthening of the gravity force resisting system due to the constancy of the current safety standards with those in place at the time of the original construction. Refer to *IR EB-3:* Evaluation and Design Criteria Report, Section 2 for additional information.
- **3.1.2** A rehabilitation requires the evaluation and associated strengthening of the entire lateral force resisting system. All elements, components, and connections of the system shall be evaluated (and strengthened when required) for all applicable actions (i.e., axial, moment, shear, etc.) at a level of detail and completeness equivalent to that provided for the design of a new building. Refer to Section 3.4 below concerning the seismic design criteria and IR EB-3 Sections 3 and 4 for additional information.

3.2 Rehabilitation Types

The CAC requires the rehabilitation of an existing building in either of the two cases described in this section.

- **3.2.1** When an existing nonconforming building is converted to use as a school building, CAC Section 4-307 requires a rehabilitation. A nonconforming building in this context refers to any existing building whose design was not approved and whose construction was not overseen by DSA under the authority of the Field Act.
- **3.2.2** When work proposed to an existing school building exceeds the threshold conditions defined in CAC Section 4-309(c), that regulation requires a rehabilitation. Refer to IR EB-4 and IR EB-5 for additional information on the application of CAC Section 4-309(c).

3.3 Evaluation and Design Criteria Report

When a rehabilitation is required by the regulations, CAC Sections 4-306 and 4-307 require an Evaluation and Design Criteria Report (EDCR) be prepared by the district (i.e., the design team retained by the district) and approved by DSA. Refer to IR EB-3 for additional information on the EDCR. In cases where a school district elects to subject an existing building to a rehabilitation when it is not required by the regulations, the school district shall contact the DSA regional office where the existing building is located to determine if an EDCR will be required.

3.4 Seismic Design Criteria

CAC Sections 4-306 and 4-307 require that the seismic evaluation and retrofit design portion of a rehabilitation project comply with CEBC Sections 317 through 323. In these sections, the CEBC provides the option of two basic sets of seismic design criteria for compliance, as described in Sections 3.4.1 and 3.4.2 below. In specific instances when the conditions described therein are met, the seismic design criteria may be in accordance with Section 3.4.3 below.

- **3.4.1** In accordance with CEBC Section 317.7 and Table 317.5, Footnote #2 the seismic evaluation and retrofit design portion of a rehabilitation may be based on a prescriptive seismic design methodology as would apply in the design of new building. This seismic design criteria requires compliance with the CBC and its adoption of the American Society of Civil Engineers Standard 7: Minimum Design Loads and Associated Criteria for Buildings and Other Structures (ASCE 7).
- **3.4.1.1** If the existing construction utilizes a seismic force resisting system that is prohibited by the CBC, selection of the prescriptive criteria will require the rehabilitation to provide a new, compliant seismic force resisting system.

Exception: The diagonally sheathed shear wall prohibition of CBC Section 2301.1.4, Item 7 does not apply to existing buildings. Existing diagonally sheathed shear walls are permitted per CEBC Section 319.1.5. When the prescriptive seismic design methodology is used, all provisions in the reference standards shall be complied with, including utilizing an R-factor associate with "Light-frame walls with shear panels of all other materials" and limiting use to Seismic Design Category D buildings in accordance with ASCE 7 Table 12.2-1 and American Wood Council (AWC) Special Design Provisions for Wind and Seismic (SDPWS), Sections 4.3.7.7 and 4.3.7.8.

3.4.1.2 Where details of the existing construction do not comply with the prescriptive requirements of the CBC and its adopted standards, selection of the prescriptive criteria will require the rehabilitation to bring such details into compliance.

Exception: The prohibition of the anchor bolt plate washer exception in CBC Section 2301.1.4, Item 3 does not apply to existing buildings. When the prescriptive seismic design methodology is used, all conditions in the Exception of SDPWS Section 4.3.6.4.3 shall be met to permit the use of standard cut washers in lieu of plate washers. These conditions include limits on wall design methodology, anchor bolt design, overturning resistance, aspect ratio, and shear capacity.

- 3.4.2 In accordance with CEBC Section 317.5 and Table 317.5 the seismic evaluation and retrofit design portion of a rehabilitation may be based on a performance-based seismic design methodology. This seismic design criteria requires compliance with the provisions of a Tier 3: Seismic Evaluation and Retrofit in accordance with ASCE 41.
- **3.4.3** When the following conditions are met. CEBC Section 319.1. Exception #2 permits the seismic evaluation and retrofit design portion of a rehabilitation to be based on the CBC edition under which it was originally designed. The rehabilitation design shall comply with Seismic Design Category D or higher and Chapters 16A, 17A, 18A, 19A, 21A, and 22A of the CBC used in the original design.
- **3.4.3.1** Rehabilitation is performed for the purpose described in Section 3.2.1 above.
- **3.4.3.2** Existing building was designed and constructed under the 2016 CBC or 2019 CBC.

3.5 Data Collection Program

In accordance with CEBC Section 319.2, rehabilitation projects require data collection as defined by ASCE 41. Data collection consists of both a material testing program and a condition assessment program. Refer to IR EB-3 Sections 6 and 7 for additional information on the material testing and condition assessment programs, respectively.

4. ADDITIONS

Projects are categorized as additions based on the definition found in CAC Section 4-314. Additions may be "structurally attached" or "structurally detached" to the existing building to which they are added. In accordance with CAC Section 4-306, all "new construction work that is part of an addition project shall comply with currently effective regulations". If any of the threshold conditions contained in CAC Section 4-309(c) are exceeded, a rehabilitation of the existing building associated with the addition is required. Refer to IR EB-4 and IR EB-5 for additional information on the rehabilitation triggering thresholds of CAC Section 4-309(c).

4.1 Common Project Types

The following project types common to existing school buildings are categorized as additions for the purposes of submission to DSA and application of the regulations.

4.1.1 Installation of new photovoltaic (PV) solar panels on the roof of an existing building. Refer to IR 16-8: Solar Photovoltaic and Thermal Systems Review and Approval Requirements.

4.1.2 Installation of new cellular equipment (including antenna) on poles or towers 35-feet tall or taller. Refer to IR A-22 Appendix Footnote #6.

4.2 Structurally Attached Additions

When a proposed addition is structurally attached, the existing building and the addition shall be analyzed as single, combined structure for the purposes of the evaluation and design. A rehabilitation will often be required by the scope threshold requirement of CAC Section 4-309(c), Item 2A. The added seismic weight or wind load surface area of even a modest-sized addition commonly exceeds the threshold set by the regulation. A rehabilitation may also be required by CAC Section 4-309(c), Item 3 as described in Section 4.3 below.

4.3 Structurally Detached Additions

When a proposed addition is structurally detached, the existing and addition portions of the building shall be analyzed as separate structures for the purposes of the evaluation and design. Depending on the egress paths and life safety systems, a rehabilitation may be required by the threshold requirement of CAC Section 4-309(c), Item 3, which requires a rehabilitation when the addition affects the occupancy in a way that increases the Risk Category of the existing building. Refer to IR EB-5 Section 5 for the determination of the Risk Category of an existing building and examples of cases where a detached addition may require a rehabilitation.

5. RECONSTRUCTION

Projects in existing school buildings are categorized as reconstruction based on the definition found in CAC Section 4-314. Reconstruction thus defined constitutes the repair of damage. If any of the threshold conditions contained in CAC Section 4-309(c) are exceeded; however, the project is categorized as a rehabilitation and not reconstruction. Refer to IR EB-4 and IR EB-5 for additional information on the rehabilitation requirements of CAC Section 4-309(c). When a rehabilitation is not required, the design basis of the reconstruction is dependent on the source of the damage.

5.1 Damage Caused by Fire

As permitted by the Exception of CAC Section 4-309(a) and Education Code Section 17280(b), reconstruction for the purpose of repairing damage caused by fire may be completed in accordance with the original approved construction documents of the existing building. The regulations in effect at the time of the original design govern the construction; however, testing and inspection requirements of the current regulations apply to the quality assurance program.

5.2 Damage Caused by Earthquake or Wind

In accordance with CAC Section 4-309(e), when a building is damaged by an earthquake (including aftershocks) or windstorm, all portions of the building associated with the damage shall be retrofitted to comply with the current regulations. Additionally, the rehabilitation requirements of CAC Section 4-309(c) apply to reconstruction projects.

- **5.2.1** In accordance with CAC Section 4-309(c), Item 1, the cost of a reconstruction project relative to the replacement building value shall include all required repairs. The reconstruction cost includes demolition, temporary shoring, repair of structural systems, repair of nonstructural systems, repair of finishes, and any additional removal and replacement required to access damage or integrate the repair work with undamaged construction to remain. As described in IR EB-4 Section 1.2, reconstruction projects shall not be subdivided to avoid a rehabilitation required by cost.
- **5.2.2** The threshold as defined CAC Section 4-309(c), Item 2A considers the net change in effective seismic weight and wind load surface area. As such, reconstruction that matches the size, shape, and materials of the original building will generally not trigger a rehabilitation.

5.2.3 The threshold as defined by CAC Section 4-309(c), Item 2B explicitly excludes an accounting of new strengthening (i.e., repair in this case). The removal of lateral force resisting elements and connections that have been damaged by earthquake or wind are considered part of the reconstruction project. Therefore, while neglecting new repair work, the removal of damaged elements and connections will typically result in reduced story strength and stiffness. As such, when the extent of damage constitutes more than 10 percent of the strength or stiffness of the lateral force resisting system a rehabilitation will be required.

Exception: Because seismic events occur in a broad range of magnitudes and the code-based design of seismic force-resisting systems presumes some damage in a severe event, DSA may adjust the rehabilitation requirement based on an assessment of a given earthquake's magnitude and proximity and the corresponding building performance. For example, after a large magnitude earthquake with regional impact, DSA may elect to waive the EDCR or rehabilitation requirements for some buildings of a given age that performed in accordance with code-based design expectations in order to facilitate functional recovery. In no case will the requirement of CAC Section 4-309(e) be waived.

- **5.2.4** The threshold as defined by CAC Section 4-309(c), Item 2C considers the combined effect of the proposed work. As such, reconstruction that matches the size, shape, materials, strength, and stiffness of the original building and lateral force resisting system will generally not trigger a rehabilitation. However, because the new repair work is required to comply with the current code requirements, it may not be possible for the repairs of the lateral force resisting system to match exactly the strength and stiffness of the original design. For example, compliance with the current seismic code force demands may require larger member sizes that result in repaired frames (or shear walls) with increased stiffness relative to the existing, undamaged frames (or shear walls) that are to remain. If these changes in strength or stiffness result in a prohibited structural irregularity, then a rehabilitation is required.
- **5.2.5** The threshold as defined by CAC Section 4-309(c), Item 3, addresses occupancy changes that effect the Risk Category of the reconstructed building. As such, reconstruction that matches the size, use, and occupancy of the original building will generally not trigger a rehabilitation. Refer to IR EB-5 Section 5.1 for the determination of the Risk Category of an existing building.

5.3 Damage Caused by Flood

In accordance with CAC Section 4-309(a), when a building is damaged by a flood all new construction work to repair the damage shall comply with the current regulations. Additionally, the rehabilitation requirements of CAC Section 4-309(c) apply.

5.4 Damage Caused by Exposure

In accordance with CAC Section 4-309(a), when a building is damaged by exposure to water (i.e., from sources other than a flood), moisture, or other elements all new construction work to repair the damage shall comply with the current regulations. Additionally, the rehabilitation requirements of CAC Section 4-309(c) apply.

Exception: When light-frame wood shear walls require local repair of damage caused by water or moisture, DSA may allow sheathing replacement solely in accordance with the local structural component assessment requirements of CAC Section 4-309(a). In such cases the district should provide a full inventory of the extent of known water damage and the design team should meet with the DSA regional office to which the project will be submitted to review this information and establish the evaluation criteria. The rehabilitation requirements of CAC Section 4-309(c), Item 1 will not be waived.

5.5 Damage Caused by Settlement

Building damage resulting from liquefaction, lateral spreading, soil densification, or other soil movement caused by an earthquake shall be treated as damage caused by the earthquake in accordance with Section 5.2 above. In accordance with CAC Section 4-309(a), when a building is damaged by subgrade settlement in the absence of an earthquake all new construction work to repair the damage shall comply with the current regulations. Additionally, the rehabilitation requirements of CAC Section 4-309(c) apply.

5.6 Damage Caused by Unknown Sources

When damage is observed in an existing building without a clear and obvious cause, the school district is advised to retain the services of qualified design professionals to perform a forensic study and determine the root cause of the damage. Understanding the cause is important to determine the full extent of damage, inform the required repair, and assure damage does not continue after the repair. In accordance with CAC Section 4-309(a), all new construction work to repair the damage shall comply with the current regulations. Additionally, the rehabilitation requirements of CAC Section 4-309(c) apply.

5.7 Voluntary Seismic Strengthening

In accordance with CAC Section 4-309(d) and CEBC Section 319.12, a reconstruction project may propose work designed to voluntarily improve the seismic performance of the existing building when not mandated by the regulations. Voluntary modification to the lateral force resisting system shall comply with CEBC Section 319.12.

6. SPECIFIC CONDITIONS

6.1 Light-Framed Shear Walls

When work of any type (e.g., local strengthening for an alteration project, rehabilitation, voluntary seismic strengthening, etc.) results in lateral loads being shared on a common line between light-framed shear walls of different sheathing types (e.g., new structural panel sheathing and existing diagonal sheathing), forces shall be distributed in accordance with the principles of deformation compatibility. Shear wall deflections shall be calculated, and forces distributed such that the deflection of each wall on the line is the same. The Exception of SDPWS Section 4.3.5.5.1 is not permitted.

Collectors and foundation elements shall also be evaluated and designed for the lateral force distribution determined by deformation compatibility, which will often result in a change to the original force demands. In the case of alteration and reconstruction projects, the provisions of CAC Section 4-309(a) as described in Section 2.3 above apply also to the collectors and foundation. In the case of voluntary seismic strengthening, the provisions of CEBC Section 319.12 also apply to the collectors and foundation.

REFERENCES:

2022 California Code of Regulations (CCR) Title 24

Part 1: California Administrative Code (CAC), Sections 3-306, 4-307, 4-309, 4-310, 4-312, 4-314, 4-315, 4-345, 4-350.

Part 2: California Building Code (CBC), Section 2301.1.4.

Part 10: California Existing Building Code (CEBC), Sections 317–323, 317.5, 317.7, 319.1, 319.2, 319.12, 503.3

This IR is intended for use by DSA staff and by design professionals to promote statewide consistency for review and approval of plans and specifications as well as construction oversight of projects within the jurisdiction of DSA, which includes State of California public schools (K–12), community colleges and state-owned or state-leased essential services buildings. This IR indicates an acceptable method for achieving compliance with applicable codes and regulations, although other methods proposed by design professionals may be considered by DSA.

This IR is subject to revision at any time. Please check DSA's website for currently effective IRs. Only IRs listed on the webpage at www.dgs.ca.gov/dsa/publications at the time of project application submittal to DSA are considered applicable.