

BUILDING STANDARDS COMMISSION

2525 Natomas Park Drive, Suite 130
Sacramento, California 95833-2936
(916) 263-0916 FAX (916) 263-0959



December 13, 2017

Mr. Chet Widom
FAIA, State Architect
Division of the State Architect, Department of General Services
1102 Q Street, Suite 5100
Sacramento, California 95811

RE: Final Approval of Emergency Building Standards
CBSC Emergency Rulemaking File Number DSA SS/CC EF 01/17
California Code of Regulations, Title 24, Parts 2 and 10

Dear Mr. Widom:

At the California Building Standards Commission (CBSC) meeting held on December 12, 2017, CBSC approved your agency's certification of compliance regarding adopted emergency building standards identified above. The emergency building standards are now codified in the Part of Title 24 referenced above and were filed with the Secretary of State on December 13, 2017. This action completes the process of adopting the emergency building standards initially approved by CBSC on January 27, 2017. Attached for your records is a copy of the face sheet and approved standards as filed.

If you have any questions or need any additional information regarding this matter you may contact Gary Fabian by telephone at (916) 263-0916. When contacting CBSC regarding this regulatory action, please refer to the rulemaking file number shown above.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael L. Nearman".

Michael L. Nearman
Deputy Executive Director

Attachments: DSA SS/CC EF 01/17 Face Sheet & Final Express Terms

cc: Diane C. Gould
Gary Fabian
CBSC Rulemaking File
CBSC Chron

**STATE OF CALIFORNIA
BUILDING STANDARDS COMMISSION
BUILDING STANDARDS NOTICE/SUBMISSION FACE SHEET**

Notice Register Number: 2017, 36-2	Publication Date: SEPT. 8, 2017	<p>RECEIVED</p> <p>2017 DEC -1 A 8:35</p> <p>CALIFORNIA BUILDING STANDARDS COMMISSION</p> <p>State Agency: DSASS/CC Submittal # EF 01 17 Item #</p>	<p>ENDORSED - FILED</p> <p>in the office of the Secretary of State of the State of California</p> <p>DEC 13 2017</p> <p>2:31 PM</p>
Notice File Number: Z-2017-0829-04			
Office of Administrative Law		Secretary of State	

APPLICANTS - DO NOT USE THE ABOVE SPACE

1. PROPOSING AGENCY DIRECTOR OR DESIGNEE (Attach delegation order of designee)
Chester A. Widom, FAIA, State Architect

STATE AGENCY Division of the State Architect / DGS	TELEPHONE NUMBER (916) 322-4866
STREET ADDRESS 1102 Q Street, Suite 5100	FAX NUMBER (916) 324-0207
CITY Sacramento	STATE ZIP CODE CA 95811

2. SUBMITTAL -- SUGGESTED REVISIONS TO THE CALIFORNIA CODE OF REGULATIONS, TITLE 24
SUBJECT: **California Building Standards Code -- Title 24, Part 2 (2016 California Building Code) and Part 10 (2016 California Existing Building Code)**
AGENCY FILE NUMBER:

3. NATURE OF PROCEEDINGS (Gov. Code, §11346.5, subd. (a)(1).)

PARTS/SECTIONS AFFECTED	<p>Adopt Part 2, Chapter 1, Sections 107.2.7 & 110.3.8.1; Chapter 23, Section 2304.12.2.6 Part 10, Chapter 1, Sections 101.8.1, 106.2.6 & 109.3.8.1</p> <p>Amend Part 2, Chapter 1, Section 1.9.2; Chapter 16, Section 1616.5.1; Chapter 16A, Table 1607A.1; Chapter 23, Section 2304.12.2.5. Part 10, Chapter 1, Section 1.9.2</p> <p>Repeal</p>
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4. TYPE OF FILING

Notice of Proposed Action
 Regular Rulemaking
 Resubmittal
 Emergency
 Other (Specify) Notice of Decision not to Proceed

Certification of Compliance: The agency officer named below certifies that this agency complies with the provisions of Government Code Section 11346.1 prior to or within 180 days of the effective date of the regulations contained in this filing.

Changes without regulatory effect. (Attach explanation and justification analysis supporting that the proposed change(s) does not materially alter any rights, responsibilities, conditions, prescription or other regulatory element of any California Code of Regulations provisions.)

5. EFFECTIVE DATE OF REGULATORY CHANGE

Effective 180 days after publication in the California Building Standards Code
 Effective the 30th day after filing with the Secretary of State
 Effective on filing with Secretary of State
 Effective other (Specify) **January 30, 2017**

6. AUTHORITY -- Specify statute(s) or law(s) authorizing the adoption(s) (Gov. Code, §§ 11346.2, subd. (a)(2) and 11346.5, subd. (a)(2).):

Education Code § 17310, 81142, and 81053 and Health and Safety Code §16022

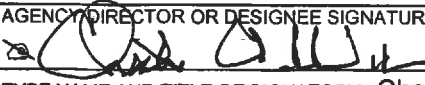
7. REFERENCE -- Provisions of law being implemented, interpreted or made specific by the regulations: **Education Code §§ 17280 through 17317, 81052, 81053, and 81130 through 81147, and Health and Safety Code §§16000 through 16023. SB 465.**

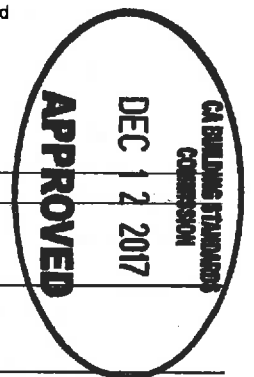
8. NAME AND TELEPHONE NUMBER OF THE AGENCY OFFICER TO WHOM INQUIRIES CONCERNING THE PROPOSED ACTION MAY BE DIRECTED:

Diane C. Gould, Supervising Structural Engineer (916) 324-6959

CERTIFICATION--IMPORTANT-- PLEASE READ BEFORE SIGNING-- If not signed, this application may be rejected.

I certify that the attached copy of regulation(s) is a true and correct copy of the regulation(s) identified in this filing, that the information specified in this filing is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification. I further understand that any false, incomplete or incorrect statements may result in the rejection of this filing.

AGENCY DIRECTOR OR DESIGNEE SIGNATURE 	DATE SIGNED 11/22/17
TYPE NAME AND TITLE OF SIGNATORY: Chester A. Widom, FAIA, State Architect	



BUILDING STANDARDS NOTICE/SUBMISSION FACE SHEET

INSTRUCTIONS FOR PUBLICATION OF NOTICE AND SUBMISSION

HEARING DATE APPROVAL

Prior to submitting hearing notices for approval, state agencies must call or write in advance of submitting a public hearing notice for review to request that a particular hearing date be reserved for them. (HS. Code, § 18935, subd. (b) and Cal. Code Regs., Tit. 24, Part 1, § 1-411.)

NOTICE OF PROPOSED ACTION

Complete lines 1 through 8 and sign, date and identify title of signatory.

Submit the following:

- One (1) BSC "Face Sheet" (with original signature)
- One (1) copy of a delegation order, if other than the person authorized by statute signs the "Face Sheet."
- One (1) copy of the "Notice of Proposed Action" prepared in accordance with Government Code Section 11346.5.
- One (1) copy of the "Economic and Fiscal Impact Statement" (Department of Finance form 399).
- Two (2) copies of the "Express Terms" (proposed regulations) in plain straightforward language, avoiding technical terms as much as possible, and using coherent and easily readable style prepare in accordance with Government Code Section 11346.2.
- Two (2) copies of the "Initial Statement of Reasons" prepared in accordance with Government Code Section 11346.2.
- One (1) CD or DVD diskette containing electronic files of the above documents.

REGULAR RULEMAKING (Building Standard Approval)

Complete lines 1 through 8 and sign, date and identify title of signatory.

Submit the following documents required by California Code of Regulations, Title 24, Part 1, Section 1-419, including but not limited to:

- One (1) BSC "Face Sheet" (with original signature)
- One (1) copy of a delegation order, if other than the person authorized by statute signs the Face Sheet.
- An indexed Rulemaking file.
- Two (2) copies of the "Final Express Terms" (proposed regulations).
- Two (2) copies of the "Final Statement of Reasons" prepared in accordance with Government Code Section 11346.9.
- Two (2) copies of a "Nine Point Criteria" analysis.
- Two (2) copies of the Updated Information Digest.
- One (1) CD or DVD diskette containing electronic files of the above documents.

RESUBMITTAL

Complete lines 1 through 8 and sign, date and identify title of signatory.

Submit the following:

- One (1) BSC "Face Sheet" (with original signature)
- Appropriate number of copies of the resubmitted material.
- One (1) CD or DVD diskette containing electronic files of the above documents.

WITHDRAWAL

Complete lines 1 through 8 and sign, date and identify title of signatory. Identify filing as a withdrawal by check "Other" as the type of filing and type in "Withdrawal."

Submit the following:

- One (1) BSC "Face Sheet" (with original signature)
- One (1) copy of a delegation order, if other than the person authorized by statute signs the "Face Sheet"

EMERGENCY BUILDING STANDARDS

Complete lines 1 through 8 and sign, date and identify title of signatory.

Submit the following:

- One (1) BSC "Face Sheet" (with original signature)
- One (1) copy of a delegation order, if other than the person authorized by statute signs the "Face Sheet."
- Two (2) copies of "Finding of Emergency" prepared in accordance with Government Code Sections 11346.1 and 11346.5.
- One (1) copy of the "Economic and Fiscal Impact Statement" (Department of Finance form 399).
- Two (2) copies of "Express Terms"
- Two (2) copies "Nine Point Criteria" analysis.
- One (1) CD or DVD diskette containing electronic files of the above documents.

CERTIFICATION OF COMPLIANCE (Emergency)

Complete lines 1 through 8 and sign, date and identify title of signatory.

Submit the following:

- One (1) BSC "Face Sheet" (with original signature)
- One (1) copy of a delegation order, if other than the person authorized by statute signs the "Face Sheet."
- An Indexed rulemaking file.
- Certification of Compliance.
- One (1) copy of the "Economic and Fiscal Impact Statement" (Department of Finance form 399).
- Two (2) copies of "Final Express Terms."
- Two (2) copies of the "Final Statement of Reasons" prepared in accordance with Government Code Section 11346.9.
- Two (2) copies "Nine Point Criteria" analysis.
- One (1) CD or DVD diskette containing electronic files of the above documents.

CHANGES WITHOUT REGULATORY EFFECT

Complete lines 1 through 8 and sign, date, and identify title of signatory.

When submitting changes without regulatory effect, see required documents pursuant to California Code of Regulations, Title 24, Part 1, Section 1-421.



**FINAL EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DIVISION OF THE STATE ARCHITECT-STRUCTURAL SAFETY (DSA-SS AND DSA-SS/CC)

REGARDING PROPOSED CHANGES TO THE
2016 CALIFORNIA BUILDING CODE, PART 2 &
THE 2016 CALIFORNIA EXISTING BUILDING CODE, PART 10
CALIFORNIA CODE OF REGULATIONS, TITLE 24**

The Division of the State Architect (DSA) proposes these regulations to be included in the 2016 edition of the California Building Code, Part 2, and the California Existing Building Code, Part 10, of Title 24, California Code of Regulations.

- LEGEND FOR FINAL EXPRESS TERMS (combination of 45-day and 15-day changes)**
1. For 45-day and 15-Day changes, new or modified California amendments appear *underlined and in italics*.
 2. For 45-day and 15-Day changes, repealed text appears in ~~strikeout~~.
 3. For 45-day and 15-Day changes, existing California amendments or code language being modified are in italics when they appear in the model code text. All such language appears in *italics*; modified language is underlined.

EXPRESS TERMS

**PART 2 - CHAPTER 1
SCOPE AND ADMINISTRATION – DIVISION I
CALIFORNIA ADMINISTRATION**

(All existing California amendments that are not revised below shall continue without change)

...

**SECTION 1.9
DIVISION OF THE STATE ARCHITECT**

...

1.9.2.1 DSA-SS Division of the State Architect - Structural Safety

...

1.9.2.1.1 Applicable administrative standards.

...

2. Title 24, Part 2, California Code of Regulations:

[applies to public elementary and secondary schools, community colleges, and state-owned or state-leased essential services building(s)]:

2.1. Sections 1.1 and 1.9.2.1 of Chapter 1, Division I.

2.2 Sections 102.1, 102.2, 102.3, 102.4, 102.5, 104.9, 104.10, 104.11, and 106.1, 107.2.7 and 110.3.8.1 of Chapter I Division II.

...

1.9.2.2 DSA-SS/CC Division of the State Architect - Structural Safety/Community Colleges

...

1.9.2.2.1 Applicable administrative standards.

...

2. Title 24, Part 2, California Code of Regulations:

2.1. Sections 1.1 and 1.9.2 of Chapter 1, Division I.

2.2 Sections 102.1, 102.2, 102.3, 102.4, 102.5, 104.9, 104.10, 104.11, and 106.1, 107.2.7 and 110.3.8.1 of Chapter I Division II.

...



PART 2 - CHAPTER 1 – DIVISION II

SCOPE AND ADMINISTRATION

(All existing California amendments that are not revised below shall continue without change)

Note that the first two proposed sections have counterparts proposed within Part 10.

...

107.2.7 Exterior balconies and elevated walking surfaces. [DSA-SS, DSA-SS/CC] Where balconies or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

...

110.3.8.1 Weather-exposed balcony and walking surface waterproofing. [DSA-SS, DSA-SS/CC] Where balconies or other elevated walking surfaces are exposed to water from direct or blowing rain, snow or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall not be concealed until inspected and approved.

Exception: Where special inspections are provided in accordance with Section 1705A.1.1, Item 3.

Notation for [DSA-SS]:

Authority: Education Code § 17310 and 81142, and H&S Code §16022.

Reference: Education Code §§ 17280 through 17317, and 81130 through 81147, and Health and Safety Code §§16000 through 16023.

Notation for [DSA-SS/CC]:

Authority: Education Code § 81053.

Reference: Education Code §§ 81052, 81053, and 81130 through 81147.

**CHAPTER 16
STRUCTURAL DESIGN**

(All existing California amendments that are not revised below shall continue without change)

**SECTION 1616
ADDITIONAL REQUIREMENTS FOR COMMUNITY COLLEGES [DSA-SS/CC]**

...

1616.5 Live loads.

...

1616.5.1 Modifications to Table 1607.1.

...

1616.5.1.2 Item 5. Balconies and decks. The minimum uniform live load for balconies and decks is 1.5 times the live load for the area served, not required to exceed 100 psf.

1616.5.1.2 1616.5.1.3 Item 24. Reviewing stands, grandstands and bleachers. The minimum uniform live load for a press box floor or accessible roof with railing is 100 psf.

1616.5.1.3 1616.4.1.4 Item 35. Yards and terraces, pedestrians. Item 35 applies to pedestrian bridges and walkways that are not subjected to uncontrolled vehicle access.

1616.5.1.4 1616.5.1.5 Item 36. Storage racks and wall-hung cabinets. The minimum vertical design live load shall be as follows:

...

Notation:

Authority: Education Code § 81053.

Reference: Education Code §§ 81052, 81053, and 81130 through 81147.





CHAPTER 16A
STRUCTURAL DESIGN

(All existing California amendments that are not revised below shall continue without change)

...

TABLE 1607A.1
MINIMUM UNIFORM DISTRIBUTED LIVE LOADS, L_o,
AND MINIMUM CONCENTRATED LIVE LOADS^a

OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs)
1. Apartments (see residential)	---	---
...
5. Balconies and decks ^h	Same as occupancy served <i>[DSA-SS] 1.5 times the live load for the area served, not required to exceed 100</i>	---
...

Notation:

Authority: Education Code § 17310 and 81142, and H&S Code §16022.

Reference: Education Code §§ 17280 through 17317, and 81130 through 81147, and Health and Safety Code §§16000 through 16023.

PART 2, CHAPTER 23
WOOD

(All existing California amendments that are not revised below shall continue without change)

...

2304.12.2.5 Supporting members for permeable floors and roofs. Wood structural members that support moisture-permeable floors or roofs that are exposed to the weather, such as concrete or masonry slabs, shall be of naturally durable or preservative-treated wood unless separated from such floors or roofs by an impervious moisture barrier. *[DSA-SS, DSA-SS/CC] The impervious moisture barrier system protecting the structure supporting floors shall provide positive drainage of water that infiltrates the moisture-permeable floor topping.*

2304.12.2.6 Ventilation beneath balcony or elevated walking surfaces. *[DSA-SS, DSA-SS/CC] Enclosed framing in exterior balconies and elevated walking surfaces that are exposed to rain, snow or drainage from irrigation shall be provided with openings that provide a net free cross-ventilation area not less than 1/150 of the area of each separate space.*

Notation for [DSA-SS]:

Authority: Education Code § 17310 and 81142, and H&S Code §16022.

Reference: Education Code §§ 17280 through 17317, and 81130 through 81147, and Health and Safety Code §§16000 through 16023.



Notation for [DSA-SS/CC]:

Authority: Education Code § 81053.

Reference: Education Code §§ 81052, 81053, and 81130 through 81147.

**PART 10 - CHAPTER 1 – DIVISION I
SCOPE AND ADMINISTRATION**

(All existing California amendments that are not revised below shall continue without change)

...

**SECTION 1.9
DIVISION OF THE STATE ARCHITECT**

...

1.9.2.1 DSA-SS Division of the State Architect - Structural Safety

...

1.9.2.1.1 Applicable administrative standards.

...

2. Title 24, Part 2, California Code of Regulations:
[applies to public elementary and secondary schools, community colleges, and state-owned or state-leased essential services building(s)]:

2.1. Sections 1.1 and 1.9.2.1 of Chapter 1, Division I.

2.2 Sections 101.8.1, 102.1, 102.2, 102.3, 102.4, 102.5, 104.9, 104.10, 104.11, and ~~106.1~~, 106.2.6 and 109.3.10 of Chapter I Division II.

...

1.9.2.2 DSA-SS/CC Division of the State Architect - Structural Safety/Community Colleges

...

1.9.2.2.1 Applicable administrative standards.

...

2. Title 24, Part 2, California Code of Regulations:

2.1. Sections 1.1 and 1.9.2 of Chapter 1, Division I.

2.2 Sections 101.8.1, 102.1, 102.2, 102.3, 102.4, 102.5, 104.9, 104.10, 104.11,
and 106.1, 106.2.6 and 109.3.10 of Chapter I Division II.

...

PART 10 - CHAPTER 1 – DIVISION II
SCOPE AND ADMINISTRATION

(All existing California amendments that are not revised below shall continue without change)

...

101.8.1 Maintenance. [DSA-SS, DSA-SS/CC] Buildings and structures, and parts thereof, shall be maintained in a safe and sanitary condition. Devices or safeguards which are required by this code shall be maintained in conformance with the code edition under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of buildings and structures. The requirements of this chapter shall not provide the basis for removal or abrogation of fire protections and safety systems and devices in existing structures.

...

106.2.6 Exterior balconies and elevated walking surfaces. [DSA-SS, DSA-SS/CC] Where the scope of work involves balconies or other elevated walking surfaces exposed to water from direct or blowing rain, snow or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

...

109.3.10 Weather-exposed balcony and walking surface waterproofing. [DSA-SS, DSA-SS/CC] Where the scope of work involves balconies or other elevated walking surfaces exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall not be concealed until inspected and approved.

Exception: Where special inspections are provided in accordance with Section 1705A.1.1, Item

3.

Notation for [DSA-SS]:

Authority: Education Code § 17310 and 81142, and H&S Code §16022.

Reference: Education Code §§ 17280 through 17317, and 81130 through 81147, and Health and Safety Code §§16000 through 16023.

Notation for [DSA-SS/CC]:

Authority: Education Code § 81053.

Reference: Education Code §§ 81052, 81053, and 81130 through 81147.

