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HOSPITAL BUILDING SAFETY BOARD
Structural and Nonstructural Regulations Committee

Tuesday, November 7, 2023
10:00 a.m. – 4:00 p.m.

Teleconference Meeting Access:
[HBSB Teams SNSR Committee](#)
Access Code: 712-104-730

Committee Members Present

Jim Malley, Chair
Cody Bartley
Michael Davis
Marshall Lew
Jennifer Thornburg

HCAI Staff Present

Richard Tannahill
Joe LaBrie
Roy Lobo
Mia Marvelli
Carl Scheuerman
Ali Sumer
Asha Jennings

Consulting Member Present

Mark Hershberg

HBSB Staff Present

Veronica Yuke, Acting Executive Director
Marcus Palmer
Evet Torres

1 **1. Welcome and introductions**

2 Jim Malley, Committee Chair, called the meeting to order on November 7, 2023, at
3 10:00 a.m., and Acting HBSB Executive Director, Veronica Yuke called roll.

4

5 **2. Roll Call and Meeting Advisories/Expectations**

6 Six members of the Committee present constitute a quorum. There being six present at
7 the time of roll, a quorum was established.

1 Ms. Yuke read the meeting rules and procedures.

2
3 **3. Proposed amendments to the 2025 California Building Code (CBC), Title 24,**
4 **Part 1**

5 **Presenter:** Ali Sumer, HCAI

6 **Discussion and Input**

7 Ms. Marvelli gave a timeline for the code amendments:

- 8 • 2022 Intervening Code Adoption Cycle – Title 24 Supplement was scheduled for
9 publication on January 2024 and effective July 2024.
- 10 • 2025 edition of Title 24 – February 2024, submitting to California Building
11 Standard Commission (CBSC), Mechanical Code, Plumbing Code, and Electrical
12 Code; and May 2024, California Administrative Code (CAC) and Volume 1 and 2
13 California Building Code changes (CBC) and California Existing Building Code
14 changes (CEBC).

15 Ms. Marvelli highlighted the OSHPD timeline and HBSB meeting schedule:

- 16 • January 2024 – Codes and Processes Committee meeting for Mechanical and
17 Plumbing codes.
- 18 • February/March 2024 – Codes and Processes Committee meeting for CBC
19 Volume 1, and Structural and Nonstructural Regulations Committee meeting for
20 CBC Volume 2 and CEBC.
- 21 • April 2024 – HBSB Board meeting.
- 22 • May 2024 – submit to the CBSC.

23
24 Mr. Sumer stated the proposed amendments to the 2025 California Administrative
25 Code, Title 24, Part 1, Chapter 6:

- 26 • Delay in compliance in Seismic Design Category (SDC) F NPC deadlines
27 matching SDC D deadlines.
- 28 • NPC evaluation deadlines and requirements for buildings removed from service –
29 compliance plan update/ change notification.
- 30 • Testing requirements for existing anchors under tension and/or shear loading -
31 testing requirements for evaluating the performance of existing mechanical
32 fasteners.
- 33 • Deletion of language related to past SPC-1 extensions – clean up past legislation
34 requirements.

- Clarification of requirement to the NPC-4D operation plan Article 11.2.3(f) – reduction on existing drawings.

Informational and Action item

- None

4. Proposed amendments to the 2025 CBC, Title 24, Part 2

Presenter: Roy Lobo, Emil Von Roth, and Ali Sumer, HCAI

Discussion and Input

Mr. Lobo stated the proposed amendments to the 2025 CBC, Title 24, Part 2:

- Adoption of ASCE 7-22
- Chapter 16A:
 - Deleted early adoption items in CBC Chapter 16A, which are now included in ASCE 7-22.
 - Added proposed amendments for wind tunnel testing.
 - Permitted use of screw anchors when qualified for exterior use for building enclosures.
 - Deleted the exception of five pounds per foot for distribution systems.
 - Requirement for design criteria and peer review/witness when wind tunnel tests are used in lieu of ASCE 7 wind design loads.
 - Added requirements for the operation of elevator switches that get tripped post-seismic event.
 - Proposed revision amendment to aluminum ceiling systems.
- Chapter 19 A:
 - Added proposed amendments, testing of screw anchors.
 - Added requirements for concrete strengthening by externally bonded fiber-reinforced polymer.

Mr. Roth said that the American Society for Testing and Materials (ASTM) C635 covered aluminum ceilings under vertical loads but lacked specific provisions for combined vertical and seismic loads.

Mr. Malley asked whether any testing had been conducted on the two-foot center, or if decisions were solely based on engineering judgment. Mr. Roth answered that following prescriptive requirements, it was important to select a grid that ensured no concerns about the structural integrity of the system.

1 Mr. Lew asked for the typical size of the ceiling tiles. Mr. Roth answered that ceiling tiles
2 were typically two feet by two feet.

3
4 **Informational and Action item**

- 5 • None
- 6
7

8 **5. Proposed amendments to the 2025 CBC, Title 24, Part 10**

9 **Presenter:** Ali Sumer, HCAI

10 **Discussion and input**

11 Mr. Sumer stated the proposed amendments to the 2025 California Existing Building
12 Code, Title 24, Part 10:

- 13 • Amended ASCE 41 for wood shear wall, hold-down criteria using ASCE 41
14 Chapter 7, for buildings being upgraded to SPC-4D.
- 15 • NPC 4D supplying utilities to conforming buildings downstream - buildings and
16 tunnels with an OSHPD-approved NPC 4D Level 1, 2, or 3 rating supplying
17 services/systems and utilities to conforming buildings downstream.

18 Mr. Malley asked if ASCE 41 addressed concerns about inconsistencies between the
19 commentary and the provisions. Mr. Sumer answered that he was not aware of added
20 clarifications.

21
22 **MOTION: [Lew/Davis]**

23 The committee unanimously voted to approve the proposed amendments to the 2025
24 CBS, Title 24, Part 1, 2, and 10.

25

26 **Informational and Action item**

- 27 • None.
- 28

29 **6. Comments from the public/committee members on issues not on this agenda**

30 **Presenter:** Jim Malley, Committee Chair

31

32 **Discussion and input**

- 33 • None.
- 34

1 **Informational and Action item**

- 2 • None.

3

4 **7. Adjournment**

5 Mr. Malley adjourned the meeting on November 7, 2023, at approximately 11:55 a.m.