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**HOSPITAL BUILDING SAFETY BOARD  
Codes and Processes Committee**

Thursday, May 12, 2022  
10:04 a.m. – 10:58 p.m.

**Teleconference Meeting Access:**  
HBSB Teams CAP Committee  
Access Code: 664-167-70

**Committee Members**

Michael O'Connor, Chair  
Roy Lopez, Vice-Chair  
Mike Hooper  
Scott Jackson  
Jim Malley

**Consulting Member**

Gary Dunger

**HCAI Staff**

Chris Tokas, FDD Deputy Director  
Arash Altoontash  
Richard Tannahill  
Brett Beekman  
Larry Enright  
Bill Gow  
Roy Lobo  
Diana Navarro  
Carl Scheuerman  
Nanci Timmins  
James Yi

**HBSB Staff**

Ken Yu, Executive Director  
Evet Torres

- 1 **1. Call to Order and Welcome**
- 2 Michael O'Connor, Committee Chair, called the meeting to order on May 12, 2022, at
- 3 10:04 a.m., and HBSB Executive Director, Ken Yu called roll.
- 4 **2. Roll Call and Meeting Advisories/Expectations**
- 5 Six members of the Committee present constitute a quorum. There being five present at

1 the time of roll, a quorum was not established.

2 Mr. Yu read the meeting rules and procedures.

3

### 4 **3. California Building Standards Code Revision Cycle for 2022 and Intervening** 5 **Code Cycle**

#### 6 **Presenter: Richard Tannahill, HCAI**

7 Mr. Tannahill stated that final copies of the draft review have been completed and will  
8 be published in July 2022. Enforcement of the draft will begin in January 2023. He  
9 added that the Building Standard Commission has asked not to make name changes,  
10 OSHPD to HCAI, until the next intervening code cycle.

11

12 Mr. Tannahill gave an update on:

#### 13 **Part 1 California Administrative Code**

- 14 • NPC-5 update
- 15 • Emergency submittal time limitation
- 16 • Clarify license for civil engineers
- 17 • Look at options for fire protection engineers
- 18 • Require all submittals to be electronic
- 19 • Keep annual building permits
- 20 • The nonrefundable fee for geotechnical submission
- 21 • Clarify the scope of architects with secondary structural designs
- 22 • Revise IOR certification fees by adding late recertification and rescheduling fees

23

#### 24 **Part 2 California Building Code**

- 25 • Further coordination with the new FGI guidelines
- 26 • Adding continuous observation at pediatric patients' rooms and play areas by  
27 staff to align with Title 22
- 28 • Clarify resuscitation requirements for LDR/LDRPs
- 29 • Outside exposure for psych – consideration translucent screen for privacy in  
30 patients' rooms
- 31 • Handwashing station in the anteroom is optional and only required if there is  
32 none in the patient room. This is in alignment with plumbing code table 4-2

- 1 • Remove all references to licensing.
- 2 • Revise definition: INTERIM EQUIPMENT means temporary equipment that will
- 3 be in use for the duration of the need for the equipment during construction
- 4 • Relook at fast track requirements.
- 5 • Clarify where a minimum net glazed area for psychiatric units, not less than 8
- 6 percent of the floor area of each indoor activity space and dining space shall be
- 7 provided.
- 8 • Verify a Medical Room is still required in an ED.
- 9 • Clarify language for space requirement for rehab
- 10 • Define and provide requirements for Behavioral Health Observation Unit
- 11 • Add NICU gowning back into code.
- 12 • Remove OSHPD 2A and 2B and clarify the language.
- 13 • Relook at the 2019 code cycle pharmacy space requirements.
- 14 • Revise language for Procedure Rooms and Class 2 Imaging for procedures
- 15 • Add med gas outlet requirements for Procedure Rooms and Class 2.
- 16 • Look at the location of common patient toilet in a nursing unit.
- 17 • Add sterile core to Table 1224.4.11
- 18 • Medical service for psychiatric hospitals
- 19 • Define tamper resistance
- 20 • Add definition of Start of construction as ICC has dropped it.
- 21 • Cath Lab, in addition to a Cardiac Cath Lab
- 22 • Remove tub requirements for SNFs.

23

24 Mr. Gow gave a report on:

25 **Part 3 California Electrical Code**

- 26 • Add electrical coordination requirements to Type 2 essential electrical systems to
- 27 align with NFPA 99
- 28 • Add language preventing electrical panels serving patient care spaces from
- 29 being installed in public access spaces to align with NFPA 99
- 30 • Revise OSHPD electrical generator testing requirements in CEC 700.3(A) to
- 31 clarify testing, including the parallel switchgear, EPSS distribution equipment,

1 and transfer switches. This change aligns with the requirements in CBC  
2 2702.1.3

- 3 • Clarify essential electrical system receptacles and light switches marking  
4 requirements in CEC 517.31(E) and CEC 517.42(E).

5

6 Mr. Enright gave a brief report on:

7 **Part 4 California Mechanical Code**

- 8 • Revise CMC 3201.1 and 408.1.5 to coordinate with adiabatic humidification in  
9 2013 ASHRAE 170 section 6.6.3
- 10 • Coordination of CMC table 4A temperature requirements for OSHPD rooms not  
11 inn ASHRAE 170 Table 7.1 previous requirement in 2016 CMC 320.1
- 12 • Revise pressurization and air change rate for HD anteroom in CMC table 4A to  
13 coordinate with USP 800 requirements.
- 14 • Generator exhaust distances to opening and forced air intakes.
- 15 • Prohibit desiccant wheels
- 16 • Filter ratings to coordinate with CEC and CALGreen.

17

18 Mr. Enright briefed on:

19 **Part 5 California Plumbing Code**

- 20 • Enhance language for emergency water
- 21 • Enhance language for emergency waste
- 22 • Clarify patient shower ADA and drain recurring issues
- 23 • Consider removing sensor faucets in SNFs and PE environments.
- 24 • Dead legs in hot water systems– maximum length allowed if any.
- 25 • Essential power requirement for hot water alarm
- 26 • Airborne infection Isolation Room handwashing fixture requirement to coordinate  
27 with part 2
- 28 • Dialysis piping materials to coordinate with current standards.

29

30 Mr. Tannahill reported on:

31 **Part 10 Existing Building Code**

- 32 • Deleted section 301.5 but 301A is still there

- 1 • Deleted sections 502.6 and 503.145, but 502A and 7, and 503.14 and 15 are still  
2 there
- 3 • Clarify seismic ground motions will confirm the requirements in ASCE 7-10 for  
4 SPC-4D buildings
- 5 • Clarification of the SPC-4D, 1 percent drift trigger for upgrade of Article 10 items.

6  
7 **Discussion and Input**

- 8 • None

9  
10 **Informational and Action item**

- 11 • None

12  
13 **4. Draft Policy Intent Notice (PIN)/ Code Application Notice (CAN) for emergency**  
14 **projects**

15 **Presenter:** Richard Tannahill, HCAI

16 Mr. Tannahill shared the new PIN:

- 17 • Added definition of emergency repair and requirements for temporary equipment.
- 18 • The PIN will address applicable code sections: California Building Code Part 2  
19 vol 1, section 105.2.1, and California Administrative Code, chapter 7.
- 20 • It will contain the ‘purpose of the emergency work,’ which is necessary for  
21 equipment failure.
- 22 • HCAI will consider and may issue an emergency authorization to proceed with  
23 emergency work before plan approval and building permit based on emergency  
24 conditions and necessity.
- 25 • It will entail immediate actions in case of an emergency in facilities. Such  
26 emergency actions may be taken before contacting HCAI. HCAI shall authorize  
27 all emergency repairs, restorations, or replacements. Mr. Tannahill pointed out  
28 that subsequent Amended Construction Documents shall document all changes  
29 to active permitted projects with IOR inspections.
- 30 • The PIN will cover notification to HCAI and emergency authorization provided by  
31 the RCO. Mr. Tannahill added that it is the facility’s responsibility to notify the  
32 California Department of Public Health Licensing and certification of the  
33 emergency condition and their request to HCAI for approval of emergency  
34 repairs, replacement, or temporary equipment project.

- 1 • Mr. Tannahill mentioned redirection for submitting a request for HCAI emergency  
2 authorization procedure. These entail the basic information required for a project,  
3 description of proposed work, and justification for the emergency.  
4

## 5 **Discussion and Input**

6 On Part 2 Vol. 1 and Article 20, Part 1, Mr. Tokas briefed on the CAN requirements on a  
7 facility to demonstrate whether something is an emergency or not. This clarifies what is  
8 already in the code.  
9

## 10 **Informational and Action item**

- 11 • None.  
12

## 13 **5. Emergency Design Task Force**

14 **Presenter:** Chris Tokas and Richard Tannahill, HCAI

15 Mr. Tannahill gave an update on the emergency design guide. He explained the draft  
16 chapters of the guide.

- 17 • Chapter 1, an introduction, the need for the guide, and who should be using the  
18 guide.
- 19 • Chapter 2 contains emergency patient room ventilation conversion requirements.
- 20 • Chapter 3 has emergency operation planning to accommodate surge capacity.  
21 He stated that the focus would be on different types of emergency layouts that  
22 can be used. This chapter also gives direction on how to get a temporary request  
23 for flexibility under emergency conditions through CDPH.
- 24 • Chapter 4 entails spaces that can be split into multiple zones.
- 25 • Chapter 5 is about HVAC system considerations for handling smoke during  
26 wildfires.
- 27 • Chapter 6 answers on how to expedite emergency projects better
- 28 • Chapter 7 coordinates with other jurisdictions for temporary surge facilities and  
29 alternate care sites.
- 30 • Chapter 8 has examples of technology and equipment.  
31

## 32 **Discussion and Input**

33 Mr. O'Connor appreciated that fact that there is a guide in case of an emergency.

## 34 **Informational and Action item**

- 1 • None.

2

3 **6. HCAI Preapproved Details (OPD)**

4 **Presenter:** Michael O'Connor, Committee Chair

5

6 **Discussion and Input**

7 Mr. O'Connor expressed that Ms. Timmins has updated Fire Life Safety pre-approved  
8 details. He asked Ms. Timmins about the current status of the website's visual  
9 accessibility to enable downloads. Ms. Timmins answered that the accessibility format is  
10 causing issues. Mr. Tannahill added that the downloads are available on the website.

11 Mr. O'Connor stated that there is still no progression on tracking details.

12

13 **Informational and Action item**

- 14 • None.

15

16 **7. Comments from the public/Committee members on issues not on this agenda**

17 **Presenter:** Michael O'Connor, Committee Chair

18

19 **Discussion and Input**

- 20 • None

21

22 **Informational and Action item**

- 23 • None.

24

25 **8. Adjournment**

26 Mr. O'Connor adjourned the meeting on May 12, 2022, at approximately 10:58 a.m.