# COMMISSION ACTION MATRIXBUILDING FIRE AND OTHER – STRUCTURAL DESIGN/LATERAL FORCES AD-HOC (BFO/SDLF) CODE ADVISORY COMMITTEE

## 2022 CALIFORNIA EXISTING BUILDING CODE, TITLE 24, PART 10AGENCY: OFFICE OF THE STATE FIRE MARSHAL, SFM 08/22

### LEGEND:

**CAC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Agency Responses:** Accept, Disagree, Withdraw

**CBSC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses ( ...) indicate existing text remains unchanged

### Chapter 1 SCOPE AND ADMINISTRATION, Division I, California Administration, Section 1.11.1 SFM-Office of the State Fire Marshal

Amend section 1.11.1.

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| **Item Number 1** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | ***Specified state-occupied buildings.*** | **Approve** | **Accept** |  | Amend the definition of Specified State-Occupied buildings to remove exception and the reference to the University of California (UC). |  |

### Chapter 3 PROVISIONS FOR ALL COMPLIANCE METHODS, Section 308.1 Carbon monoxide detection and Chapter 5 PRESCRIPTIVE COMPLIANCE METHOD, Section 503.15 Refuge areas

Amend sections listed below.

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| **Item Number 2** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **308.1 Carbon monoxide detection.** | **Approve** | **Accept** |  | Delete the reference to I-1 occupancy and delete the exceptions. |  |
|  | **503.15 Refuge areas.** | **Approve** | **Accept** |  | Delete the reference to I-1. |  |

### Chapter 6 CLASSIFICATION OF WORK

Adopt Chapter 6 of the 2021 edition of the International Existing Building Code (IEBC) with new California amendments listed below.

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| **Item Number 3** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **User note** | **Approve** | **Accept** |  | Delete the reference to Chapter 12. |  |
|  | **601.1 Scope.** | **Approve** | **Disagree** |  | Delete the reference to Chapter 12 and historic structures. Add Exception 1 to exclude certain occupancies from the scope of Chapters 6-11.**Post Code Advisory Committee (CAC) meting:** added pointer to Part 8. |  |
|  | **601.1.1 Compliance with other alternatives.** | **Approve** | **Accept** |  | Delete the reference to Chapter 12. |  |
|  | **607 Historic Buildings****607.1 Scope.****~~607.2 Application.~~** |  |  |  | New subitem added after CAC meeting.**CAC:** SFM amendments to this section were not heard by CAC. The proposal heard by CAC included SFM proposal to not adopt Section 607 and CAC recommended to approve the proposal.**Post CAC:** Upon further coordination of the proposed amendments to Chapter 6 with BSC, SFM proposes to adopt this section with new amendments to remove references to historic building provisions, provide reference to the California Historical Building Code (CHBC) and remove model code Section 607.2. |  |

### Chapter 7 ALTERATIONS—LEVEL 1

Adopt Chapter 7 of the 2021 IEBC with new amendments listed below.

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| **Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **701.1 Scope.** | **Approve** | **Disagree** |  | Replace the reference to Chapter 12 with the reference to Section 607.**Post CAC:** revised proposed amendment in Section 701.1 to clarify that alterations to historic buildings and structures shall comply with CHBC. |  |
|  | **~~702.7.1 International Fuel Gas Code.~~** | **Approve** | **Accept** |  | Delete the section as it refers to International Fuel Gas Code. |  |
|  | ***703.2 Fire alarm and detection.*** ***703.2.1******703.2.2 Systems Out of Service.******703.3 Construction in Existing Buildings.*** | **Approve** | **Disagree** |  | Add new sections to address existing California regulations for fire alarm and detection.**Post CAC:** SFM created a new section 703.3 as requested by a public comment received after CAC meeting. |  |
|  | **~~704.1.1 Projections in nursing home corridors.~~** **~~707 ELECTRICAL~~****~~707.1 Health care facilities.~~** | **Approve** | **Accept** |  | Delete these sections to be consistent with scoping limitations proposed in Chapter 6.  |  |

### Chapter 8 ALTERATIONS—LEVEL 2, Section 802 Building elements and materials

Adopt Chapter 8 of the 2021 IEBC with new amendments listed below.

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| **Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **802.2.1 Existing vertical openings. Exceptions 4, 6, 7, 8, 10, 11**  | **Approve** | **Disagree** |  | Replace the word ‘three’ with ‘two’ in Exceptions 6 and 7 to correctly reflect existing California code regulations on the number of stories that can be connected by vertical openings. Reserve Exception 8 to be consistent with scoping limitations proposed in Chapter 6.**Post CAC:** In addition to already proposed amendments in this section, SFM is proposing to reserve Exceptions 4, 10 and 11 based on recommendations from a public comment received after CAC meeting. |  |
|  | **802.2.1 Existing vertical openings. Exception 8** Subitem 5-2 has been combined with Subitem 5-1 (see above) | **Approve** |  |  |  |  |

### Chapter 8, Section 803 Fire protection

Amend sections listed below.

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| **Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **803.2 Automatic sprinkler systems.** | **Approve** | **Accept** |  | Amend this section to eliminate possible conflicts with existing California laws and regulations and provide reference to California Building and Fire Codes. |  |
|  | **~~803.2.1~~ through****~~803.2.6~~** | **Approve** | **Accept** |  | Delete these sections to eliminate possible conflicts with existing California laws and regulations. |  |
|  | **803.3 Standpipes. *Reserved*** | **Approve** | **Disagree** |  | Reserve this section to eliminate possible conflicts with existing California laws and regulations.**Post CAC:** editorial change to strike the Section title because there are no requirements that follow. |  |
|  | **803.4 Fire alarm and detection.** | **Approve** | **Disagree** |  | Amend this section to eliminate possible conflicts with existing California laws and regulations and provide reference to California Fire Code.**Post CAC:** editorial change to be clear that the sections referenced are to be found in the California Fire Code. |  |
|  | **~~803.4.1 Occupancy requirements.~~** **~~803.4.1.1~~ through ~~803.4.2~~** | **Approve** | **Accept** |  | Delete these sections to eliminate possible conflicts with existing California laws and regulations. |  |
|  | ***803.4.1 Systems Out of Service.*** | **Approve** | **Accept** |  | Add new sections to address existing California regulations for fire alarm and detection |  |

### Chapter 8, Section 804 Means of egress

Amend sections listed below.

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| **Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **~~804.3 Group I-2.~~****804.4.1.2 Fire escapes required.** | **Approve** | **Disagree** |  | Amend this section to be consistent with existing California laws and regulations.**Post CAC:** deleted Section 804.3 to be consistent with the scoping limitations proposed in Chapter 6. |  |
|  | **804.4.1.2.1 Fire escape access and details.** | **Approve** | **Accept** |  | Amend this section to be consistent with existing California laws and regulations. |  |
|  | **~~804.5.1.2 Group I-2.~~** | **Approve** | **Accept** |  | Delete this section to be consistent with scoping limitations proposed in Chapter 6. |  |
|  | **804.5.3 Door closing.** | **Approve** | **Accept** |  | Delete Exception 2 to eliminate possibility for unintended consequences that may result in a reduction in life safety and confusion in the event of an emergency. |  |
|  | **804.5.4.1 Supplemental requirements for panic hardware.** | **Approve** | **Accept** |  | Delete the Exception to eliminate possibility for unintended consequences that may result in a reduction in life safety and confusion in the event of an emergency. |  |
|  | **~~804.5.5 Emergency power source in Group I-3.~~** | **Approve** | **Accept** |  | Delete this section to be consistent with scoping limitations proposed in Chapter 6. |  |
|  | **804.6.1 Corridor doors.** | **Approve** | **Accept** |  | Amend this section to:* delete references to I-1 occupancy,
* delete language in the main section to eliminate conflict with existing California regulation,
* reserve Exception 2 as the Guidelines on Fire Ratings of Archaic Materials and Assemblies (Resource A) are not adopted in California.
 |  |
|  | **804.6.2 Transoms.** | **Approve** | **Accept** |  | This section is amended to include all occupancies withing the scope limitations proposed in Chapter 6 and to eliminate conflicts with existing California regulations. |  |
|  | **804.7 Dead-end corridors.** | **Approve** | **Accept** |  | Amend this section to be consistent with scoping limitations proposed in Chapter 6. |  |
|  | **804.10 Handrails.****~~804.10.1 Minimum requirement.~~****804.10.*1*~~2~~ Design.** | **Approve** | **Accept** |  | Delete Section 804.10.1 to eliminate qualifying language and prevent unintended consequences that could be deleterious to the life safety of occupants. |  |
|  | **804.11 Refuge areas.** | **Approve** | **Accept** |  | Amend this section to be consistent with scoping limitations proposed in Chapter 6. |  |

### Chapter 8, Sections 806 Electrical and 808 Plumbing

Amend sections listed below.

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| **Item Number 8** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **806.2 Existing installations.** **806.3 ~~Health care facilities.~~ *Reserved.*****~~808 PLUMBING808.1 Health care facilities.~~** | **Approve** | **Disagree** |  | Amend/reserve/remove these sections to be consistent with scoping limitations proposed in Chapter 6.**Post CAC:** editorial change to Section 806.3 by deleting the Section title to be consistent with the scoping limitations proposed in Chapter 6. |  |

### Chapter 9 ALTERATIONS—LEVEL 3, Section 902 Special use and occupancy

Adopt Chapter 9 of the 2021 IEBC with new amendments listed below.

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| **Item Number 9** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **902.1 ~~High-rise buildings.~~ *Reserved.*****~~902.1.1 Recirculating air or exhaust systems.~~****~~902.1.2 Elevators.~~** | **Approve** | **Disagree** |  | Reserve/remove these sections to be consistent with scoping limitations proposed in Chapter 6.**Post CAC:** editorial change to Section 902.1 by deleting the Section title to be consistent with the scoping limitations proposed in Chapter 6. |  |
|  | **~~902.2 Boiler and furnace equipment rooms.~~** | **Approve** | **Accept** |  | Remove this section to avoid conflicts with the CBC Table 509.1 and CFC Table 1105.4. |  |

### Chapter 9, Section 904 Fire protection

Amend sections listed below.

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| **Item Number 10** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **904.1 Automatic sprinkler systems.** | **Approve** | **Accept** |  | Amend this section to eliminate possible conflicts with existing California laws and regulations and provide reference to California Building and Fire Codes. |  |
|  | **~~904.1.1~~ through ~~904.1.7~~** | **Approve** | **Accept** |  | Delete these sections to eliminate possible conflicts with existing California laws and regulations. |  |
|  | **904.2 Fire alarm and detection systems.** | **Approve** | **Disagree** |  | Amend this section to eliminate possible conflicts with existing California laws and regulations and provide reference to California Fire Code.**Post CAC:** editorial change to be clear that the pointer references are to be found in the California Fire Code. |  |
|  | ***904.2.1 Systems Out of Service.*** | **Approve** | **Accept** |  | Add new sections to address existing California regulations for fire alarm and detection systems. |  |
|  | **~~904.2.1 Manual fire alarm systems.~~****~~904.2.2 Automatic fire detection.~~** | **Approve** | **Accept** |  | Delete these sections as fire alarm and detection systems in existing buildings are already addressed in other Parts of Title 24. |  |

### Chapter 10 CHANGE OF OCCUPANCY, Sections 1002 Special use and occupancy, 1007 Electrical, 1009 Plumbing

Adopt Chapter 10 of the 2021 IEBC with new amendments listed below.

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| **Item Number 11** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **~~1002.3 Change of occupancy in health care.~~** **~~1002.4 Storage.~~** | **Approve** | **Accept** |  | Delete these sections to be consistent with scoping limitations proposed in Chapter 6. |  |
|  | **1007.1 Special occupancies.** | **Approve** | **Accept** |  | Amend this section to be consistent with scoping limitations proposed in Chapter 6. |  |
|  | **~~1009.5 Group I-2.~~** | **Approve** | **Accept** |  | Delete this section to be consistent with scoping limitations proposed in Chapter 6. |  |

### Chapter 10, Section 1011 Change of occupancy classification

Amend sections listed below.

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| **Item Number 12** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **1011.2.1 Fire sprinkler system.** | **Approve** | **Disagree** |  | Amend this section to remove exceptions and substitute the list of allowed separations with the fire wall.**Post CAC:** revised amendment based on public comment received after CAC meeting. |  |
|  | **1011.2.2 Fire alarm and detection system.** | **Approve** | **Accept** |  | Amend this section to eliminate possible conflicts with existing California laws and regulations and provide reference to California Fire Code. |  |
|  | **1011.5.2 Means of egress for change of use to an equal or lower-hazard category.****Table 1011.5** | **Approve** | **Disagree** |  | Delete the words “because of existing construction” as it is vague and leaving it in place could result in unintended compromises to occupant and first responder life safety.**Post CAC:** proposed new amendments to Table 1011.5 to be consistent with the scoping limitations proposed in Chapter 6. |  |
|  | **1011.5.4 Handrails.** | **Approve** | **Accept** |  | Amend the section to remove qualifying words. |  |
|  | **1011.5.5 Guards.** | **Approve** | **Accept** |  | Amend the section to remove qualifying words. |  |
|  | **1011.8.2 Stairways.** | **Approve** | **Accept** |  | Amend the section as wired glass in steel frame is not permitted in 1-hour fire-resistance-rated construction by current California regulation. |  |

### Chapter 11 ADDITIONS

Adopt Chapter 11 of the 2021 IEBC with new amendments listed below.

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| **Item Number 13** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **1101.1 Scope.** | **Approve** | **Disagree** |  | Add language to be consistent with existing California regulations.**Post CAC:** editorial change based on public comment to delete the word alterations because this chapter is addressing Additions. |  |
|  | **1102.2 Area limitations.** | **Approve** | **Accept** |  | Delete the exception as it does not contain any limit on the area or other aspects of scope for this exception, thus it may have unintended consequences and unduly compromise life safety. |  |
|  | ***1102.4 Systems Out of Service.*** | **Approve** | **Accept** |  | Add new sections to address existing California regulations for fire alarm and detection systems. |  |

### Chapter 13 PERFORMANCE COMPLIANCE METHODS

Print but not adopt Chapter 13 of the 2021 IEBC.

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| **Item Number 14** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
|  | **Chapter Title note.** | **Approve** | **Accept** |  | Amend a note under the chapter title to provide reference to Section 104.11 for consideration of alternative means of compliance. |  |