



CITY OF SANTA BARBARA

ORDINANCE COMMITTEE AGENDA REPORT

AGENDA DATE: October 11, 2016

TO: Ordinance Committee Members

FROM: Fire Prevention Bureau, Fire Department

SUBJECT: 2016 Fire Code Adoption

RECOMMENDATION:

That the Ordinance Committee review and recommend for approval to the City Council An Ordinance of the Council of the City of Santa Barbara repealing Santa Barbara Municipal Code Chapter 8.04 and adopting a new Chapter 8.04 adopting by reference the 2015 Edition of the International Fire Code, including appendix Chapter 4 and Appendices B, BB, C, CC, and H of that code, and the 2016 California Fire Code with local amendments to both codes.

DISCUSSION:

In 2007, the State of California and local jurisdictions within the state adopted the International Fire Code, with state and local amendments. The International Fire Code is part of a greater series of model codes that includes the International Building Code, also published by the International Code Council (ICC). Both were adopted by the State under Title 24 of the California Code of Regulations, Part 9 and Part 2 respectively. The codes are on a three year revision cycle and in 2013 we revised the California versions of the international codes and readopted them under Ordinances 5638 and 5639. The codes are once again at the end of a three year cycle and the new California Codes will go into effect January 1, 2017. The State of California has completed amendments to the codes as of July 1, 2016 and local jurisdictions have 180 days to further amend them before they become law. In 2007, 2010 and 2013 Council adopted the California Fire code, which was further amended based on local conditions as the Santa Barbara

Fire Code under Municipal Code Chapter 8.04. We are currently at the start of another three year cycle.

As we have in the past, local amendments to the code are kept to a minimum and are designed to address situations based on local conditions. We adopt this code together with companion codes adopted by Building and Safety Division such as the California Building Code and California Residential Code. Our coordinated approach and joint adopted sections make the city codes consistent and easily understood by stakeholders. Areas of common interest such as the Board of Appeals protocols, Fire Protection Systems and High Fire Hazard Area construction requirements are finalized between the affected city divisions before incorporation into the respective ordinances. In this way we attempt to eliminate ambiguous or contradictory language and other potential conflicts. This year we have changed very little from our last adoption of the code in 2013. The attachment with this report summarizes our edits to adopted sections.

Staff recommends that the Ordinance Committee forward the attached Ordinance to the City Council for approval. If the Ordinance Committee does so, the Ordinance will be presented to the City Council for introduction on October 25, 2016.

ATTACHMENT: Summary of Amendments, California Fire Code

PREPARED BY: Joseph Poiré, Fire Marshal

SUBMITTED BY: Patrick McElroy, Fire Chief

APPROVED BY: City Administrator's Office

Santa Barbara City Fire Department

2015 International Fire Code / 2016 California Fire Code Adoption Summary of Amendments

October 11, 2016

MC = Municipal Code, CFC = International or California Fire Codes

#	Chapter/Section	Title	Concept	Type(<u>new, existing CFC / MC deleted or revised</u>)	Findings
1.	Chapter 1 Division II / Sec 103 & 103.1	Fire Prevention Bureau	Updates International Code language referring to "Prevention Department"; replaces with "Fire Prevention Bureau"	Existing, updated CFC / MC	Na, Administrative
2	Chapter 1, Division II / Sec. 103.3.1	Fire Prevention Bureau Personnel and Police	Part of the organization of the Fire Prevention Bureau, carried over from the existing code, citing authority of fire code officials.	Existing, CFC / MC	Na, Administrative
3	Chapter 1 Div II Sec. 104.10	Fire Investigations	Existing language from the 2013 California Fire Code, with minor word changes for clarity, citing authority to investigate.	Existing, CFC / MC	Na, Administrative
4	Chapter 1/ Division II Sec.108	Board of Appeals	Base code appeal sections, deleted to allow for local appeals sections below.	Deleted	Na, Administrative
5	Chapter 1/ Division II. Sec 109.4	Violation Penalties	Completes the IFC section 109 by describing violations of the code as a misdemeanor, consistent with current language. Minor section number change	Existing, CFC / MC	Na, Administrative
6	Chapter 1/ Division II Sec. 114.1.1 through 114.1.8	Building and Fire Code Board of Appeals	Readopts existing local provisions for a joint Building and Fire Code Board of appeals. Companion section to California Building Code Section 113.1	Existing, CFC / MC,	Na, Administrative
7	Chapter 3 / 307.1.2	Prohibited Open Burning	Returned a previously deleted section authorizing the Fire Code Official to prohibit open burning when atmospheric or local	NA	NA, Chapter 3 Not building standards and not adopted by the State of California

			conditions make such fire hazardous when smoke emissions become offensive or objectionable		
8	Chapter 3 / Section 308.1.4	Open Flame cooking devices	Deleted and new sections added below as in the 2013 adoption,	Existing, MC	NA, Chapter 3 Not building standards and not adopted by the State of California
8	Chapter 3 / Section 308.1.4.1	Open Flame cooking Devices	Existing section in the local code, again amending the CFC. IFC 308.1.4, which prohibited charcoal barbeques on most apartment patio's and decks within 10 feet of any combustible element, a section that is unenforceable. Not adopted by the state.	MC / Existing	NA, Chapter 3 Not building standards and not adopted by the State of California
9	Chapter 3 / Section 308.1.4.1	Liquefied- petroleum gas fueled cooking devices.	Amends the section to allow standard sized (5 gallon) propane barbeques on apartment decks / balconies.	MC / Existing	NA, Chapter 3 Not building standards and not adopted by the State of California
10	Chapter 3/ Section 317.1.1	Rooftop Gardens and Landscaped Roofs	Moves the Fire Department standard prohibiting vegetated roofs in the High Fire Hazard areas to Chapter 3,	New	NA, Chapter 3 Not building standards and not adopted by the State of California
11	Chapter 4	Emergency Planning and Preparedness	As in 2013, this chapter not adopted either locally or at the state level. Chapter 4 conflicts with or duplicates state regulations (Title 19) in several sections; has additional requirements in conflict with or not desirable under local conditions.	Deleted	NA, Chapter 4 Not building standards and not adopted by the State of California or by this jurisdiction.
12	Chapter 5 / Section 503.1 through 503.5.2	Fire Apparatus Access Roads	Amends the access sections to meet existing local requirements of 20 feet in width for commercial and 16 feet in width for residential to within 150 feet of exterior walls. Minor changes to the exceptions allowed for the 150 foot requirement, adding language to #1 that maintains current local standards for grade, cross slope turning radius and dead ends.	Existing, CFC / MC, minor revisions	This section is reasonably necessary to accommodate fire apparatus in both the existing environment and new construction, in conformance with Climatic finding A and Topographical findings A, B and C
13	Chapter 5 / 503.5.1.1 and 503.5.1.2	Secured Gates and barricades	One section amended, one added to the access roadways, dealing with the closure of certain roadways due to fire danger. Minor revisions to the "tampering" with locked gates section and the new section prohibits parking vehicles in a manner that blocks closed gates.	Existing MC	This section is reasonably necessary to accommodate fire apparatus in both the existing environment and new construction, in conformance with Climatic finding A and Topographical findings A, B and C

14	Chapter 5 / Section 505.1.1	Premise Identification, Mixed use occupancy	Refers to local municipal code section 8.04.030 regarding mixed use occupancy signs to clarify that they are required in both existing and new construction.	Existing MC	This section is reasonably necessary to due to the potential for increased response times outlined in Geological conditions A and B, potential response issues outlined in Topographical Conditions A and B, and the need to quickly identify and render aid to trapped or injured victims in residential occupancies that are not immediately apparent.
15	Chapter 5 / Section 505.3	Directory	Maintains the existing requirement for a project directory when required by the fire code official. Minor wording changes.	Existing MC	This section is reasonably necessary to due to the potential for increased response times outlined in Geological conditions A and B, potential response issue outlined in Topographical conditions outlined in Topographical Conditions A and B, and the need to quickly identify and render aid to trapped or injured victims in residential occupancies that are not immediately apparent.
16	Chapter 5 / Section 507.through 507.5.6	Required Water Supply	The basic fire flow requirements of Chapter 5 were adopted by the state, along with Appendix B of the International; Code. The state then leaves local jurisdictions to either use Appendix B or any "approved method" without further definition. These sections outline the locally approved method and are a readoption of our existing fire-flow requirements for new construction.	Existing MC	This section is reasonably necessary to due to the potential for water supply challenges based on Climatic Conditions A, B and C, and Geological conditions A and B.
17	Chapter 9 / Section 903.2.20	Automatic Fire Sprinkler Systems	The California Fire Code provisions in Chapter 9 are less stringent than our existing requirements, in some cases allowing for assembly occupancies up to 12,000 square feet without sprinklers. Changes in Chapter 9 are similar to changes we made in 2007 when	Existing MC, CFC, CBC & Cal. Residential Code	This section is reasonably necessary to ensure that incipient fires are initially controlled where possible throughout the city on the event that seismic activity overwhelms

			we amended to code with local sprinkler requirements, both commercial and later, residential. Once again this year the state divided sprinkler requirements and assigned residential sprinklers to the 2016 California Residential Code. We therefore moved our own residential sprinkler requirements to that code, under Section R313. Our commercial requirements remain in this chapter of both the Fire and Building Codes. Additional changes this year include a minor date reference to the original sprinkler ordinance adoption date of September 11, 2009, and clarifying language 903.2.20.4 regarding responsibility and apportionment of sprinkler costs in commercial development.		existing suppression resources or impacts response times. Experience has shown that sprinkler systems have the capacity to control or extinguish fires at an early stage, often eliminating the threat. This can be critical where later utility disruptions further delay first responders. This section therefore applies to Climatic Conditions B C and D and Geological Conditions A and B.
18	Chapter 9 / Section 907.2.30	Fire Alarm Detection Systems	This section is a minor revision of our existing requirement for an automatic detection fire alarm in mixed use occupancies. We first authored this section in response to the proliferation of residential units above commercial occupancies throughout the city. The concept is to alert the residents in the event of a fire condition in the business occupancies below, especially at night when the business is closed.	Existing, MC, CFC	This section is reasonably necessary to due to the potential for increased response times outlined in Geological conditions A and B, potential response issue outlined in Topographical conditions outlined in Topographical Conditions A and B, and the need to quickly identify and render aid to trapped or injured victims in residential occupancies that are not immediately apparent.
19	Chapter 49 / Sections 4901 through 4909.13	Requirements for Wildland Interface Areas	These sections were adopted in 2007 as Chapter 47, which was later changed to Chapter 49. Local sections have been renumbered to match and supplement the state's adopted version of the code and are unchanged from 2013. Also added is a reference to the adoption of the 2004 Wildland Fire Plan as the City of Santa Barbara Community Wildfire Protection Plan (CWPP) in 2011.	Existing MC	Chapter 49,The Wildland Interface Amendments are reasonably necessary to respond to the wildland urban interface threat in the city and surrounding areas, based on Climatic Conditions A, B D, and C and Topographic conditions A, B and C.
20	Chapter 49/	Flammable	Clarifies language about landscape plants	existing	Chapter 49,The Wildland

	Section 4906.1.2	Vegetation	installed without a permit and cause for removal in the HFH areas		Interface Amendments are reasonably necessary to respond to the wildland urban interface threat in the city and surrounding areas, based on Climatic Conditions A, B D, and C and Topographic conditions A, B and C.
21	Chapter 49 Section 4907.5	Vines and Climbing ornamentals	Addresses the maintenance of existing vines and climbing plants attached to structures in the HFH areas.	existing	Chapter 49, The Wildland Interface Amendments are reasonably necessary to respond to the wildland urban interface threat in the city and surrounding areas, based on Climatic Conditions A, B D, and C and Topographic conditions A, B and C.
22	Chapter 56 / 5601.2	Explosives and Blasting Agents	Expanded Chapter 56 by the state required some minor renumbering of existing sections at 5601.1.3, maintain Santa Barbara's prohibition of all fireworks. Limits storage by Zone, excludes most of the city. Storage is limited to the industrial zone near the airport, by permit only	Existing MC	Chapter 56 Explosives and fireworks amendments are reasonably necessary to minimize a conflagration that has the potential to overwhelm resources, in conformance with Climatic Conditions A through D, Topographical Conditions A through C and Geological Conditions A and B.
23	5601.3 and 5601.4	Fireworks, Prohibition	State law allows for "safe and sane" fireworks. Maintains the current prohibition on all fireworks within the city limits, including safe and sane. Provides for confiscation.	Existing MC	Chapter 56 Explosives and fireworks amendments are reasonably necessary to minimize a conflagration that has the potential to overwhelm resources, in conformance with Climatic Conditions A through D, Topographical Conditions A through C and Geological Conditions A and B.
24	Municipal Code Section 8.04.030 A and B	Fire Prevention Development Standards	A) Fire Zone 2 allows for on-site water and other requirements in areas where there is no municipal water supply. B) Requires the mixed use occupancy sign, which identifies the	Existing MC	The amendments to Municipal Code sections 8.04.030 pertaining to on site water are reasonably necessary to ensure

			<p>presence of dwelling units for first responders when a new building combines residential and commercial occupancies. No Changes</p>		<p>an adequate supply of firefighting water in Wildland areas pursuant to Climatic conditions A, B, C and D; The mixed use occupancy sign standard to ensure that first responders have adequate signage to locate potential victims pursuant to our amendment to CFC 505.1.1 (above) and in response to the potential for increased response times outlined in Geological conditions A and B; potential response issues outlined in Topographical Conditions A and B, and the need to quickly identify and render aid to trapped or injured victims in residential occupancies that are not immediately apparent.</p>
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FIRE DEPARTMENT

2016 FIRE CODE ADOPTION

California Fire Code

- Code Adoption: A three year cycle
- California adopts and amend the International Codes, one of which is the International Fire Code
- California Code of Regulations, Title 24, Part 9;
- Locally: Municipal Code 8.04

California Fire Code



The International Code as amended
and adopted by the State of California

Local Jurisdictions have 180 days to
adopt and amend

Effective January 1, 2017

California Fire Code

- The fire code consists of both building standards, adopted by the state, and maintenance standards
- Building standards may be made more stringent locally, based on findings of local conditions of a climatic, geological or topographic nature
- Maintenance standards are at local discretion

California Fire Code

- In 2010, 2013 The Fire Department made the most significant changes, as the state changed model codes from the Uniform Codes
- Council approved our modifications to fire sprinklers, access, hydrants and wildland, among others.
- Most remain in the ordinance before the committee

California Fire Code

- Example:
 - Section 903.2.20 Fire Sprinklers
 - *Existing section adopted in 2009 detailing sprinkler requirements for commercial and some residential, Including remodels.*
 - *Companion sections appear in the Building, Residential Codes*

California Fire Code

- They also reappear in the Adoption Matrix that accompanies the committee agenda report

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California Fire Code

- No new sections, language modifications only where necessary
- In some cases, adjusting our existing section numbers to accommodate new sections in the state code.

California Fire Code

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