

1 [Fire Code.]

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3 **Resolution endorsing amendments and providing findings as to the local conditions**
4 **supporting those amendments to the 2001 State Fire Code, as required by California**
5 **Health and Safety Code.**

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7 WHEREAS, The Board of Supervisors is enacting a Fire Code for the City and County
8 of San Francisco to be known as the "2001 San Francisco Fire Code"; and

9 WHEREAS, Some provisions of the 2001 San Francisco Fire Code are more restrictive
10 than the 2001 State Fire Code; and

11 WHEREAS, California Health and Safety Code Sections 13143.5 and 18941.5 require
12 the City to furnish reasons to the California Building Standards Commission for such
13 deviations from the California Fire Code based upon local climatic, geologic or topographical
14 conditions; and,

15 WHEREAS, Following are the local conditions justifying deviations from the 2001
16 California Fire Code:

17 Section 903.5. Geological - Due to possibility of seismic events, additional water
18 supplies need to be accessible for firefighting operations to supplement or substitute for
19 normal water supplies,

20 Section 1003.1.1.1. Geological and topographical - Due to possibility of seismic
21 events, fire department apparatus may be required to supply water to sprinkler system.
22 Additionally, due to topographical conditions, additional water supply from fire department
23 apparatus may be necessary to increase hydraulic density to protect buildings adjacent to fire
24 incident building,

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1 Section 1003.2.3.9. Topographical - Due to unusual topographical conditions,
2 including existing combustible piers, assembly occupancies require additional life safety
3 protection,

4 Section 1004.2.1 Topographical - Due to the close proximity of buildings limited fire
5 department access to some buildings, vertical standpipes may be necessary to allow
6 successful firefighting operations,

7 Section 1004.3.1 Topographical - Due to the close proximity of buildings and
8 construction to property lines, firefighting operations may require additional hose outlets,

9 Section 1006.3.1.1. Topographical - Due to the close proximity of buildings, quicker
10 notification of sprinkler system activation is necessary to control fires,

11 Section 9001.1.1. Geological and topographical - Due to the possibility of seismic
12 events, more reliable water supplies are required for sprinkler systems in high-rise buildings.
13 Additionally, due to topographical conditions, including the close proximity of other buildings to
14 high-rise buildings, highly reliable sprinkler systems are necessary to protect high-rise
15 buildings and the surrounding areas,

16 Section 9001.1.2. Geological and topographical - Due to the possibility of seismic
17 events, additional reliability of the emergency power supply system is necessary. Additionally,
18 due to topographical conditions, including the close proximity of other buildings to high-rise
19 buildings, highly reliable sprinkler and standpipe systems are necessary to protect high-rise
20 buildings and the surrounding area,

21 Section 9001.1.3. Topographical - Due to unique topographical conditions, residential
22 hotels are typically adjacent to other residential, commercial, and industrial buildings.

23 Unless listed in the following, any amendments to the California Fire Code were for
24 administrative, informational, or clarification purposes. Informational purposes consist of
25 interpretations of the code requirements including supplemental rules and regulations in order

1 to carry out the application and intent of the provisions as allowed in Section 101.4. Excluded
2 from this list are any building standard requirements, which are not promulgated by the State
3 of California and not adopted by the State Fire Marshal; now therefore, be it

4 RESOLVED, That the Board of Supervisors does hereby find and determine that the
5 aforesaid changes to the San Francisco Fire Code are necessary because of local conditions
6 set forth above; and be it

7 FURTHER RESOLVED, That the Clerk of the Board of Supervisors is hereby directed
8 to transmit this Resolution together with the San Francisco Fire Code to the California Building
9 Standards Commission for filing, pursuant to the applicable provisions of law.

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