

Additions are underlined.  
Deletions are ~~struck through~~.  
Revision markers are noted in  
left or right margins as vertical  
lines.

ORDINANCE NO. \_\_\_\_\_

**AN ORDINANCE OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NAPA, STATE OF CALIFORNIA, INCORPORATING THE REVISED CALIFORNIA BUILDING STANDARDS CODE WITH AMENDMENTS ADDRESSING LOCAL CLIMATIC, GEOGRAPHIC AND TOPOGRAPHIC CHARACTERISTICS BY AMENDING TITLE 15 OF THE NAPA COUNTY CODE AS FOLLOWS: ADDING CHAPTERS 15.29 (ENERGY CODE) AND 15.35 (EXISTING BUILDING CODE); AMENDING SECTION 13.16.500 (VIOLATIONS); AMENDING CHAPTERS 15.04 (ADMINISTRATION OF BUILDING REGULATIONS), 15.12 (BUILDING CODE), 15.20 (PLUMBING CODE), 15.24 (MECHANICAL CODE), 15.28 (ELECTRICAL CODE), 15.30 (HISTORICAL CODE), AND 15.32 (FIRE CODE); AND REPEALING CHAPTER 15.34 (BUILDING CONSERVATION CODE).**

The Board of Supervisors of the County of Napa, State of California, ordains as follows:

**SECTION 1.** Chapter 15.04 (Administration of Building Regulations) of the

Napa County Code is amended to read in full as follows:

### **Chapter 15.04**

#### **ADMINISTRATION OF BUILDING REGULATIONS**

##### **Sections:**

- 15.04.010 Findings.**
- 15.04.020 Definitions.**
- 15.04.030 Building division.**
- 15.04.040 Chief building official and building inspectors.**
- 15.04.050 Scope.**
- 15.04.060 Expiration of permits.**
- 15.04.070 Violations.**
- 15.04.080 Liability.**
- 15.04.090 Board of appeals.**

##### **15.04.010 Findings.**

A. Section 17958 of the Health and Safety Code of the state provides that the governing body of every county within this state may make changes or modifications by local

ordinance within one hundred eighty days after provisions or regulations are adopted pursuant to Section 17922 of said code, and published in the State Building Standards Code upon express findings pursuant to Sections 17958.5 and 17958.7 of said code.

B. Section 17958.5 of said code permits the making of such changes or modifications in the requirements of the State Building Standards Code and other regulations adopted pursuant to California Health and Safety Code Section 17922 as a county may determine are reasonably necessary because of local climatic, geological or topographical conditions.

C. The director of the conservation, development and planning department of the county, the director of public works, the director of the department of environmental management, the building codes administrator, and other officials of Napa County have presented information to the board of supervisors and have given other evidence of the reasonable necessity due to local climatic, geological, and topographical conditions that certain modifications be made in such codes at the time of their adoption, all as are hereinafter set forth.

D. The board of supervisors does herein and in conjunction with Resolution No. ~~02-19607-148~~ expressly determine and find that the modifications herein provided are in fact needed because of the local climatic, geological and topographical conditions set forth in said resolution.

#### **15.04.020 Definitions.**

Except where expressly provided otherwise, all references in the codes or portions thereof adopted by this chapter and Chapters 15.06, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44 to “city” shall mean the county of Napa; to “city council” or “mayor” shall mean the board of supervisors of the county of Napa; to “state” shall mean the state of California; to “housing act” shall mean the Housing Act of the state of California; to “building official;” or “administrative authority” shall mean the building official of the county of Napa; to “health officer” shall mean the director of environmental management of the county of Napa; and to “fire marshal” shall mean the ranger in charge of the State Department of Forestry in Napa County.

#### **15.04.030 Building division.**

There is established within the conservation, development and planning department of the county of Napa a building division. The board of supervisors shall budget and appropriate such county funds to the conservation, development and planning department, building division, as it may deem necessary for the operation of such division.

#### **15.04.040 Chief building official and building inspectors.**

A. There is established the office of chief building official, who shall be the head of the building division.

B. The chief building official shall supervise and have charge of all work and inspections relating to and the enforcement of the codes adopted hereunder, except as herein provided.

C. The director of the Napa County environmental management department shall supervise and have charge of all inspections relating to the installation of septic tanks and disposal fields.

D. The chief building official shall have such deputy building inspectors as the board of supervisors shall provide and such deputy building inspectors shall assist the chief building

official in the performance of his duties, acting under his instruction and supervision.

E. The chief building official, the deputies of the building division and representatives of the Napa County department of environmental management shall have the right of entry, as defined in various codes adopted by the ordinance codified in this chapter and Chapters 15.06, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44, in, and upon, all buildings and premises in the county for the purpose of making inspections, reinspections, or otherwise performing their respective duties as may be necessary in the enforcement of this chapter and Chapters 15.06, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44.

F. It shall be the duty of the chief building official to have a permanent record kept of all pertinent transactions of his office and to render a report when requested to the board of supervisors of all permits issued and fees collected. All fees collected shall be turned over to the county treasurer for deposit into the general fund of Napa County.

#### **15.04.050 Scope.**

The provisions of this chapter and Chapters 15.06, 15.08, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44 shall apply to all buildings and structures in the unincorporated territory of Napa County.

#### **15.04.060 Expiration of permits.**

A. Every permit issued by the building official under the provisions of this code shall expire by limitation and become null and void if the building or work authorized by such permit is not commenced within one calendar year from the date of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced, or if no inspection has been requested or performed for a period of one hundred eighty days. Before such work can be recommenced, a new permit shall be first obtained so to do, and the fee therefore shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that such suspension or abandonment has not exceeded one year.

B. Any permittee holding an unexpired permit may apply for an extension of the time within which he may commence work under that permit when he is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding one hundred eighty days upon written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than twice or for more than a total of one year. In order to renew action on a permit after expiration, the permittee shall pay a new full permit fee.

#### **15.04.070 Violations.**

A. It is unlawful and a public nuisance for any person, firm or corporation, whether as owner, lessee, sublessee or occupant, to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy, or maintain any building or structure in the unincorporated territory of Napa County, or cause the same to be done, contrary to or in violation of any of the provisions of this chapter or Chapters 15.06, 15.08, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44. Maintenance of equipment which was

unlawful at the time it was installed and which would be unlawful under this chapter or Chapters 15.06, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44, shall constitute a continuing violation of this chapter or Chapters 15.06, 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44.

B. In addition to any procedures for abatement set forth in the uniform codes adopted by Chapters 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44, violations thereof or of Chapters 15.06 or 15.08 may be civilly abated or criminally prosecuted and punished in the manner set forth in Chapter 1.20 of this title for public nuisances as defined therein.

#### **15.04.080 Liability.**

This chapter or Chapters 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44 shall not impose upon the county of Napa any liability or responsibility for damage resulting from defective building, plumbing, mechanical or electrical work; nor shall the county of Napa, or any official or employee thereof, be held to assume any such liability or responsibility by reason of the inspection authorized hereunder.

#### **15.04.090 Board of appeals.**

A. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of the regulations adopted by Chapters 15.12, 15.16, 15.20, 15.24, 15.28, 15.29, 15.30, 15.32, ~~15.34~~15.35, 15.36 and 15.44, there shall be and is hereby created a unified board of appeals consisting of five voting members who are qualified by experience and training to pass upon matters pertaining to building construction and at least one of whom shall be qualified by experience and training to pass upon matters pertaining to disability access. None of the voting members shall be an employee of the county. The building official shall be an ex officio member of and shall act as secretary to the board of appeals but shall have no vote on any matter before the board. The board of appeals shall be appointed by the board of supervisors and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, shall render its decisions and findings in writing to the appellant with a duplicate copy to the building official, and may recommend to the board of supervisors such new legislation as is consistent with those decisions.

B. The board of appeals shall have no authority relative to interpretation of the administrative provisions of the various codes adopted in this title nor shall the board of appeals be empowered to waive the requirements of such codes.

C. Appeal from any finding of the board of appeals may be made by the applicant or the building official and shall be processed, heard and decided in the manner provided by Chapter 2.88 of this code.

### **SECTION 2.** Chapter 15.12 (Building Code) of the Napa County Code is

amended to read in full as follows:

## Chapter 15.12

### BUILDING CODE

#### Sections:

15.12.010	Document adopted by reference.
15.12.020	Modifications.
<u>15.12.025</u>	<u>Section 105.5 --Expiration of Permits.</u>
15.12.030	<del>Sections <u>105</u> <u>108.8</u> and <u>112</u>—Board of appeals.</del>
15.12.040	<del>(Reserved.)Section 109.1.1 added—Utility connection.</del>
15.12.050	<del>(Reserved.)Table 1-A amended—Fees.</del>
15.12.060	<del>(Reserved.)Section 202.19 amended—Apartment house defined.</del>
15.12.070	<del>(Reserved.)Section 204.17 amended—Residential condominium defined.</del>
15.12.080	<del>(Reserved.)Table 3-A amended—Group R Division 3 occupancies.</del>
15.12.090	<del>(Reserved.)Section 310.1, Division 3 amended—Occupant loads.</del>
15.12.100	<del>(Reserved.)Section 310.12 amended—Group R special hazards.</del>
15.12.110	<del>(Reserved.)Section 310.12.1 added—Construction of condominiums, residential.</del>
15.12.120	<del>(Reserved.)Section 312.4 (paragraph 4) added—Group U special hazards.</del>
15.12.130	<del>(Reserved.)Section 803 (paragraph 5) added—Wall finishes in certain Group R occupancies.</del>
15.12.131	<del>(Reserved.)Section 904.2.2 (paragraphs 6, 7 and 8) added—All occupancies except Group R, Division 3 and Group U.</del>
15.12.132	<del>(Reserved.)Section 904.5.2.1 added—Standpipes; occupancies 3 stories or more.</del>
15.12.133	(Reserved).
15.12.134	<del>(Reserved.)Table 9-A amended.</del>
15.12.140	<del>(Reserved.)Section 1806.1 amended—Footings and foundations.</del>
15.12.150	<del>(Reserved.)Table 18-1-C—Portion deleted.</del>
15.12.160	<del>(Reserved.)Section 1922.1.1 amended—Plain Concrete, Seismic, Zones 2, 3, and 4.</del>
15.12.170	<del>(Reserved.)Section 1806.5.5 amended—Foundation elevation.</del>
<u>15.12.180</u>	<u>Section 436.1 – Scope.</u>
<u>15.12.190</u>	<u>Section 436.4 – Amendment</u>
<u>15.12.200</u>	<u>Section 436.5 – Permits.</u>
<u>15.12.210</u>	<u>Section 436.7.3 – Noncombustible construction.</u>
<u>15.12.220</u>	<u>Section 436.8.4 – Noncombustible contents.</u>
<u>15.12.230</u>	<u>Section 436.8.5 – Prohibited equipment.</u>
<u>15.12.240</u>	<u>Section 436.8.6 – Hazardous materials storage.</u>
<u>15.12.250</u>	<u>Section 436.8.7 – Special requirements for Type 3 winery cave.</u>
<u>15.12.260</u>	<u>Section 436.10 – Fire alarm systems.</u>
<u>15.12.270</u>	<u>Section 436.11.3 – Exit access travel distance.</u>
<u>15.12.280</u>	<u>Section 436.16 – Emergency Communication.</u>
<u>15.12.290</u>	<u>Section 903.2 – Where required.</u>

- 15.12.300 Section 903.4 – Sprinkler system monitoring and alarms.  
15.12.310 Section 905.3.1 – Building height.  
15.12.320 Section 1505.1.2 – Real coverings within state responsibility areas.

**15.12.010 Document adopted by reference.**

For the purpose of establishing proper regulations for building construction, the ~~2001~~ 2007 edition of the California Building Code, volumes I and II, hereinafter referred to as “building code,” and including Appendix Chapter 1, Appendix Chapter C, and Appendix Chapter I, s A3-Division II and IV; A4— Division I; A9, A15, A18, A21, A23, A27, A29, A30, A31 Divisions I, II and III; A33 and A34 Division I and III, hereinafter referred to as “Building Code” and otherwise known as that version of the 1997 Edition of the Uniform Building Code of the International Conference of Building Officials which is based on the 2006 International Building Code adopted with modifications by the State of California as Title 24, Part 2 of the California Code of Regulations, is adopted and made a part of this code by reference, subject to the modifications set forth in this chapter.

**15.12.020 Modifications.**

Each section of the building code designated in the succeeding sections of this chapter shall be changed to read as set forth in this chapter, except that where the modification is a deletion only, the deletion shall be noted without setting forth the text of the section.

15.12.025 Section 105.5 –Expiration of Permits.  
Section 105.5 of Appendix Chapter 1 is amended to read as set forth in Section 15.04.060 of this code.

**15.12.030 Sections ~~105~~108.8 and 112—Board of appeals.**

The functions of the board of appeals referred to in Section ~~105-108.8~~ of Chapter 1 of the Building Code and Section 112 of Appendix Chapter 1 shall be performed by the unified board of appeals constituted pursuant to Section 15.04.090 of this code and no separate board of appeals shall be created.

**15.12.040 (Reserved.)Section 109.1.1 added—Utility connection.**  
~~Section 109.1.1 is added to the Building Code to read in full as follows:~~

~~Section 109.1.1 Utilities:~~

~~Utilities shall be permitted to be connected only upon issuance of a Certificate of Occupancy, unless otherwise approved in writing by the building official.~~

**15.12.050 (Reserved.)Table 1-A amended—Fees.**

~~The fees for building permits and inspections set forth in Chapter 1, Table No. 1-A of the building code, are repealed and replaced by those fees established by resolution of the board of supervisors. Any reference to the Table 1-A shall mean county’s established fee schedule.~~

**15.12.060 (Reserved.)Section 202.19 amended—Apartment house defined.**

~~Section 202.19~~

~~The definition of apartment house is changed to read as follows:~~

~~———Apartment House.~~

~~———Apartment House is any building or portion thereof that contains three or more dwelling rental units located on a single lot or parcel as defined in section 17.02.320 of the Napa County Code.~~

**15.12.070** ~~(Reserved.)~~ ~~Section 204.17 amended—Residential condominium defined.~~  
~~Section 204.17~~

~~The definition of condominium, residential, is changed to read as follows:~~

~~———Condominium, Residential.~~

~~———Condominium, residential, is a building or portion thereof that contains three or more dwelling units, with each unit located on a separate lot or parcel within a condominium as defined in section 17.02.050 of the Napa County Code.~~

**15.12.080** ~~(Reserved.)~~ ~~Table 3-A amended—Group R Division 3 occupancies.~~  
~~Table No. 3-A of the Building Code, under Group R, Division 3, shall be changed to read:~~

~~———Dwellings, Lodging Houses, Congregate Residences (each accommodating 10 persons or less) and Condominiums, Residential.~~

**15.12.090** ~~(Reserved.)~~ ~~Section 310.1, Division 3 amended—Occupant loads.~~  
~~Section 310.1, Division 3 of the Building Code is changed to read in its entirety as follows:~~

~~Section 310.1, Division 3.~~

~~Dwellings, lodging houses and condominiums, residential.~~

~~Congregate residences (each accommodating less than 10 persons).~~

~~For occupancy separations, see Table No. 3-B.~~

**15.12.100** ~~(Reserved.)~~ ~~Section 310.12 amended—Group R special hazards.~~  
~~The new paragraph is added to the end of Section 310.12 of the Building Code to read as follows:~~

~~———Walls and ceilings of every closet containing a gas-fired water heater or central heating plant shall be covered on the interior by not less than a minimum of one-half inch (1/2") thick gypsum board or its equal. If gypsum board is used, joints shall be fire-taped. No exceptions shall apply.~~

**15.12.110** ~~(Reserved.)~~ ~~Section 310.12.1 added—Construction of condominiums, residential.~~  
~~———A new section of the Building Code, to be designated Section 310.12.1, is added as follows:~~

~~Condominiums, Residential.~~

~~Sec. 310.12.1.~~

~~———(a)———Foundation: Each condominium unit shall contain footing/foundation walls between units to provide adequate wall support and underfloor area separation for the purpose of~~

fire protection.

~~—(b)— Walls: Condominium walls between units extending from the foundation shall consist of one-hour fire walls located on each side of an assumed property line with no penetration of interior surface between air space of either wall.~~

~~—(c)— Utilities:~~

~~1.— Water Service. No water supply piping shall pass through, over or under any portion of the structure other than the living unit which it serves.~~

~~2.— Building Drain. No building sewer or any part thereof shall pass through, over or under any portion of the structure other than the living unit which it serves, nor shall any piping be installed within any single wall separating the occupancies.~~

~~3.— Gas Lines. No gas supply piping or any part thereof shall pass through, over or under any portion of the structure other than the living unit which it serves.~~

~~4.— Ducts—Flues. No heating, cooling, exhaust ducts or flues or any part thereof shall pass through, over or under any portion of the structure other than the living unit which it serves.~~

~~5.— Electrical Service. No portion of the electrical wiring system serving one individual living unit shall pass through, over or under any other living unit.~~

~~6.— Meter Locations. All gas, water and electrical meters shall be installed by the respective utility companies at some convenient location on the premises of the living unit being served.~~

**15.12.120** (Reserved.)Section 312.4 (paragraph 4) added—Group U special hazards.

~~—A fourth paragraph is added to Section 312.4 of the Building Code to read as follows:~~

~~—Private garages which are attached to or are constructed in conjunction with Group R, Division 1 and 3 Occupancies shall be provided with not less than one-half inch (1/2") gypsum board or equal material throughout the interior, except where required by Section 302.4, exception 3, to be one-hour fire-resistant. If gypsum board is used, joints shall be fire-taped.~~

**15.12.130** (Reserved.)Section 803 (paragraph 5) added—Wall finishes in certain Group R occupancies.

~~—A new paragraph 5 is added to Section 803 of the Building Code, to read as follows:~~

~~5.— All interior wall or ceiling finishes in Group R, Division 1 and Group R, Division 3 Occupancies, other than Class 1 materials, which are less than three-eighths inch (3/8") in thickness, shall be applied directly against a backing of not less than one-half inch (1/2") gypsum board or equal. If gypsum board is used, joints shall be fire-taped.~~

**15.12.131** (Reserved.)Section 904.2.2 (paragraphs 6, 7 and 8) added—All occupancies except Group R, Division 3 and Group U.

~~—New paragraphs 6, 7, and 8 are added to Section 904.2.2 of the Building Code to read as follows:~~

~~6.— Throughout all new buildings when the total floor area exceeds 3,600 square feet.~~

~~7.— Building Additions—During a building addition, when the new floor area is equal to or greater than 50% of the existing building, a fire sprinkler system shall be installed throughout the new and existing building.~~



~~8. In every story or basement of all buildings in Group A, B, E, F, H, I, M, R, and S Occupancies, when the building is (a) three stories or more in height, or (b) exceeds 35 feet in height from grade to the finished ceiling or exposed roof.~~

**15.12.132** (Reserved.) ~~Section 904.5.2.1 added—Standpipes; occupancies 3 stories or more. Section 904.5.2.1 is added to the Building Code to read as follows:~~

~~Sec. 904.5.2.1. Standpipes; occupancies 3 stories or more. Occupancies of 3 stories or more in height shall be provided with Class I standpipe systems except for Group R, Division 3 occupancies.~~

**15.12.133** (Reserved.)

**15.12.134** (Reserved.) ~~Table 9-A amended. Table 9-A is amended as follows:~~

~~Table Occupancy #2. Occupancies three stories or more but less than 150 feet in height, except Group R, Division:  
Footnote 2. A Class II or Class III standpipe system may be combined with an automatic sprinkler system.~~

**15.12.140** (Reserved.) ~~Section 1806.1 amended—Footings and foundations. Section 1806.1 of the Building Code is amended to read as follows:~~

~~Section 1806.1 General.~~

~~Footings and foundations shall be constructed of reinforced masonry, concrete, or treated wood conforming to Division 1 of Chapter 18 of the Building Code, and in all cases shall extend below the frost line. Footings of concrete and reinforced masonry shall be of solid material. Foundations supporting wood shall extend at least six inches (6") above the adjacent finish grade. Footings shall have a minimum depth below natural grade as indicated in Table No. 18-1-C unless another depth is recommended by a foundation investigation. Mortar used in foundation walls and footings shall be as specified in Chapter 21.~~

~~Provision shall be made to drain underfloor areas when required by the building official. When feasible, such provision shall employ passive methods such as gravity drainage.~~

**15.12.150** (Reserved.) ~~Table 18-1-C—Portion deleted. The second note to Table No. 18-1-C is deleted.~~

**15.12.160** (Reserved.) ~~Section 1922.1.1 amended—Plain Concrete, Seismic, Zones 2, 3, and 4. Section 1922.1.1, Seismic Zones 2, 3 and 4 is amended as follows:~~

~~Exception is deleted.~~

**15.12.170** (Reserved.) ~~Section 1806.5.5 amended—Foundation elevation. The following requirements are added to Section 1806.5.5:~~

~~1806.5.5 Concrete Floors in Dwelling Areas. Concrete slab floors in dwellings or dwelling areas on the ground, where the average slope of the ground is less than one-fourth inch (1/4") per foot or where the average slope of the ground is not sufficient to permit adequate rain-water run-off, shall be placed not less than fourteen inches (14") above the adjacent curb grade.~~

~~Determination of slope elevation shall be made at that portion of the building covering the highest elevation of ground opposite and at right angles to the uppermost section of the curb fronting the building site. In the absence of a curb, the centerline or crown of the street shall govern, excepting, however, that slab floors in garage areas when attached to dwellings may be placed at ground level.~~

**15.12.180 Section 436.1 – Scope.**

Section 436.1 of the building code is amended to read in full as follows:

**436.1 Scope.** Special provisions for the occupancy and construction of subterranean space for winery facilities in natural or manmade caves, whether new or an addition to an existing cave shall be in accordance with this section.

**15.12.190 Section 436.4 – Amendment**

A. Section 436.4 of the building code is hereby amended to modify the following definition:

**TYPE 3 WINERY CAVES.** Natural or manmade caves used for the storage and/or processing of wine at a winery facility. Type 3 winery caves are accessible to the public on guided tours or by hosted events. Any cave or portion of a cave that exhibits any of the following is also considered to be a Type 3 cave:

1. Contains an area classified as a Group A occupancy.
2. Contains an area classified as other than Group F or S occupancy.
3. Is constructed or furnished with any amount of combustible materials not otherwise permitted in this section.

B. The following definitions are added to Section 436.4 of the building code:

**HOSTED EVENTS.** Any event held within the winery cave and attended by non-employees. This includes, but is not limited to: wine tasting; banquets; receptions; seminars; or any other event attended by people that are not employees of the winery. Hosted events are only allowed in caves or portions of caves that are Type 3.

**TOURS.** Whenever people that are not employees of the winery pass through or otherwise occupy a winery cave, for any purpose, including the tasting of wine. All tours must comply with 436.8.1 requirements for public tours.

**15.12.200 Section 436.5 – Permits.**

Section 436.5 of the building code is hereby amended to read as follows:

**436.5 Permits.** Permits for the operation, construction, alteration, enlargement or repair of Type 1, 2 and 3 winery caves, including all retaining walls, associated equipment and facilities, shall be per Appendix Chapter 1.

**Exception:** A building permit is not required for the excavation that creates the subterranean space for a winery cave.

**15.12.210 Section 436.7.3 – Noncombustible construction.**

Section 436.7.3 is hereby added to the building code to read as follows:

**436.7.3 Noncombustible construction:** Type 1 and Type 2 winery caves must be constructed of noncombustible materials throughout.

**Exception:** Doors and other openings in exterior and interior walls and partitions may be made of combustible materials unless otherwise limited by this code.

**15.12.220 Section 436.8.4 – Noncombustible contents.**

Section 436.8.4 is hereby added to the building code to read as follows:

**436.8.4 Noncombustible contents.** Contents of Type 1 and Type 2 winery caves shall not include combustible contents other than wine itself.

**Exceptions:**

1. Wooden barrels or tanks. Combustible storage vessels filled with wine, or to be filled with wine in the immediate future; may be empty as part of the wine processing and storage. Long term storage of empty wooden barrels or tanks is prohibited.

2. Wooden barrel supports that are constructed of at least 2-inch nominal dimension lumber.

3. Small quantities of combustible materials needed for immediate or frequent use in the processing and storage of wine, or to service and maintain restrooms, wine laboratories or wine libraries, are allowed.

**15.12.230 Section 436.8.5 – Prohibited equipment.**

Section 436.8.5 is hereby added to the building code to read as follows:

**436.8.5 Prohibited equipment.** No hydrocarbon powered mechanized equipment shall be used within the wine cave. Electrical, hydraulic, and/or pneumatic powered mechanized equipment is permitted.

**15.12.240 Section 436.8.6 – Hazardous materials storage.**

Section 436.8.6 is hereby added to the building code to read as follows:

**436.8.6 Hazardous materials storage.** Only hazardous materials storage directly related to and essential for wine processing operations in the cave is allowed. Hazardous materials storage shall be maintained in compliance with Article 80 of the California Fire Code.

**15.12.250 Section 436.8.7 – Special requirements for Type 3 winery cave.**

Section 436.8.7 is hereby added to the building code to read as follows:

**436.8.7 Special requirements for Type 3 winery cave.** Caves or portions of caves classified as Type 3 shall be provided with an automatic sprinkler system compliant with Section 903.

**15.12.260 Section 436.10 – Fire alarm systems.**

Section 436.10 of the building code is hereby amended to read as follows:

**436.10 Fire alarm systems.** An approved manual fire alarm system conforming to the provisions of Section 907.2.1 shall be provided in:

1. Type 1 or Type 2 winery caves containing restrooms, wine laboratories or wine libraries.
2. All Type 3 winery caves.

**15.12.270 Section 436.11.3 – Exit access travel distance.**

Section 436.11.3 is hereby added to the building code to read as follows:

**436.11.3 Exit access travel distance.** Maximum length of exit access travel in barrel storage and fermentation areas in winery caves, portions of Group F or S occupancy, shall be a maximum of 300 feet in areas without an automatic sprinkler system or a maximum of 400 feet if the area has an automatic sprinkler system. Areas classified as other than F or S occupancies shall comply with the exit access travel distance requirements of Chapter 10, and in accordance with CBC Table 1016.1.

**15.12.280 Section 436.16 – Emergency Communication.**

Section 436.16 is hereby added to the building code to read as follows:

**436.16 Emergency Communication.** Fire department approved emergency communications capability shall be provided for emergency responders.

**15.12.290 Section 903.2 – Where required.**

Section 903.2 of the building code is hereby amended to read as follows:

**903.2 Where Required.** In addition to the requirements of section 903.2.1 through 903.2.17, an approved automatic fire sprinkler system shall be installed and maintained in the all occupancies except Group R-3 (single family residences) and Group U, as follows:

1. Throughout all new buildings with a gross floor area of 3,600 square feet or greater; or
2. Throughout all additions that exceed 3,600 square feet; or
3. Throughout an entire building when an addition or expansion to the existing building exceeds 50% of the existing floor area and the building exceeds 3,600 square feet; or
4. Throughout an entire building which exceeds 3600 square feet when repair of significant structural damage to the existing building (caused by flood, fire or earthquake, for example) requires rebuilding of 50% of the building structure.

**15.12.300 Section 903.4 – Sprinkler system monitoring and alarms.**

Section 903.4 of the building code is hereby amended to read as follows:

**903.4 Sprinkler System Monitoring and Alarms.** Except for Group R-3 occupancies, all valves controlling the water supply for automatic fire sprinkler systems, pumps, tanks, water levels, and water flow switches shall be electrically supervised.

**15.12.310 Section 905.3.1 – Building height.**

Section 905.3.1 of the building code is hereby amended to read as follows:

**905.3.1 Building Height.** Class I standpipes shall be installed in buildings three stories or more in height. Approved outlets shall be provided on each floor level. An approved outlet shall be provided on the roof.

**15.12.320 Section 1505.1.2 – Real coverings within state responsibility areas.**

Section 1505.1.2 of the building code is hereby amended to read as follows:

**1505.1.2 Real coverings within state responsibility areas.** The entire roof covering of every existing structure where more than 50% of the total roof area is replaced within any one-year period, the entire roof covering of every new structure and any roof applied in the alteration, repair or replacement of the roof of every existing structure shall be a fire-retardant roof covering that is at least **Class A**.

**SECTION 3.** Chapter 15.20 (Plumbing Code) of the Napa County Code is

amended to read in full as follows:

**Chapter 15.20**

**PLUMBING CODE**

**Sections:**

- |                  |  |
|------------------|--|
| <b>15.20.010</b> | <b>Document adopted by reference.</b>  |
| <b>15.20.020</b> | <b>Modifications.</b>  |
| <b>15.20.030</b> | <b><del>(Reserved.)Section 102.1 deleted—Administrative authority.</del></b> |

- 15.20.040 Section ~~108.8~~ ~~102.4~~—Added - Board of appeals.
- 15.20.050 ~~(Reserved.)Chapter 1, Table 1-1, amended—Plumbing permit fees.~~
- ~~15.20.055 Definitions Amended.~~
- 15.20.060 ~~(Reserved.)Section 202.0 amended—Definitions of administrative authority, septic tank.~~
- 15.20.070 ~~(Reserved.)Section 202.0 amended—Definitions of cesspool, seepage pit deleted.~~
- 15.20.080 ~~(Reserved.)Section 202.0 amended—Definitions incorporated into other titles of code.~~
- 15.20.090 Section 306.1 amended - Damage to drainage system or public sewer.
- 15.20.100 Chapter 7, Part II modified and incorporated into Title 13, Division II.
- 15.20.110 ~~(Reserved.)Appendices E, F, I, J deleted; G, H adopted.~~

**15.20.010 Document adopted by reference.**

For the purpose of establishing proper regulations for building construction and the installation of plumbing systems, the ~~2001-2007~~ Edition of the California Plumbing Code, hereinafter referred to as “plumbing code”, including Appendices ~~Chapter 1, A, B, C,~~ and D, ~~otherwise known as that version of which is based on~~ the ~~2000-2006~~ Edition of the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials adopted with modifications by the State of California as Title 24, Part 5 of the California Code of Regulations, is adopted and made a part of this code by reference, subject to the modifications set forth in this chapter.

**15.20.020 Modifications.**

Each section of the plumbing code designated in succeeding sections of this chapter shall be changed to read as set forth in this chapter, except that where the modification is a deletion only, the deletion shall be noted without setting forth the text of the section, and all modifications of Chapter 7, Part II of the plumbing code are set forth in Division II, Title 13 of the code rather than in this chapter.

~~15.20.030 (Reserved.)Section 102.1 deleted—Administrative authority.  
Section 102.1 is deleted.~~

~~15.20.040 Section 102.4—Added—Section 108.8 - Board of appeals.  
A new section 102.4 is added to the plumbing code to read as follows:~~

~~102.4. Board of appeals.~~

The functions of a board of appeals for the plumbing code referred to in Section 108.8 shall be performed by the unified board of appeals constituted pursuant to 15.04.090 of this code and no separate board of appeals shall be created.

~~15.20.050 (Reserved.)Chapter 1, Table 1-1, amended—Plumbing permit fees.  
The fees for plumbing permits and inspections set forth in Chapter 1, Table 1-1, Plumbing Permit Fees, of the plumbing code, are repealed and replaced by those fees established by resolution of the board of supervisors. Any reference to Table 1-1 shall mean such established fee schedule.~~

**15.20.055 Definitions Amended.**

A. The definition of “authority having jurisdiction” in Section 203.0 is amended to read in full as follows:

**Authority Having Jurisdiction**

The Authority Having Jurisdiction shall be the building division of the Napa County Department of Conservation, Development and Planning; except that for the issuing of permits, collection of fees and inspections in connection with public sewers, the Authority Having Jurisdiction shall be, within their respective jurisdictions, the Napa Sanitation District, the Napa County Department of Public Works (for the Napa Berryessa Resort Improvement District and the Lake Berryessa Resort Improvement District), the Spanish Flat Water District or the Circle Oaks Water District; and for the administration of the provisions of the Plumbing Code relating to individual and private sewage disposal systems as defined in Division II of Title 13 of the Napa County Code (other than Section 723 of the Plumbing Code), the Authority Having Jurisdiction shall be the Napa County director of environmental management or his authorized representative.

B. The definition of “cesspool” in Section 205.0 is deleted except as noted in Section 13.16.500 of Division II of Title 13 of this code.

C. The definition of “lot” in Section 214.0 of the plumbing code is amended to read as set forth in Section 17.02.320 of this code.

D. The definition of “private sewage disposal system” in Section 218.0 of the plumbing code is amended to read as set forth in Section 13.16.345 of this code.

E. The definition of “public sewer” in Section 218.0 of the plumbing code is amended to read as set forth in Section 13.16.350 of this code.

F. The definition of “seepage pit” in Section 221.0 of the plumbing code are deleted except as noted in Section 13.16.500 of Division II of Title 13 of this code.

G. The definition of “septic tank” in Section 221.0 is hereby amended to read in full as follows:

**Septic Tank**

A septic tank is a watertight receptacle which receives the discharge of a drainage system or part thereof, designed and constructed so as to retain solids, digest organic matter through a period of detention and allow the liquids to discharge into the soil outside the tank through a system of open joint piping meeting the requirements of this code.

H. The definition of “sewage” in Section 221.0 of the plumbing code is amended to read as set forth in Section 13.16.360 of this code.

**15.20.060 (Reserved.)Section 202.0 amended—Definitions of administrative authority, septic tank.**

~~The definitions of “administrative authority” and “septic tank” in Section 202.0 are hereby amended to read in full as follows:~~

~~**Administrative Authority**~~

~~The Administrative Authority shall be the building division of the Napa County~~

Department of Conservation, Development and Planning except that for the issuing of permits, collection of fees and inspections in connection with public sewers the Administrative Authority shall be, within their respective jurisdictions, the Napa Sanitation District, the Napa County Department of Public Works (for the Napa Berryessa Resort Improvement District and the Lake Berryessa Resort Improvement District), the Spanish Flat Water District or the Circle Oaks Water District, and for the administration of the provisions of the Plumbing Code relating to individual and private sewage disposal systems as defined in Division II of Title 13 of the Napa County Code (other than Section 723 of the Plumbing Code), the Administrative Authority shall be the Napa County director of environmental management or his authorized representative.

~~————~~ **Septic Tank**

~~————~~ A septic tank is a watertight receptacle which receives the discharge of a drainage system or part thereof, designed and constructed so as to retain solids, digest organic matter through a period of detention and allow the liquids to discharge into the soil outside the tank through a system of open joint piping meeting the requirements of this code.

**15.20.070**      **(Reserved.) Section 202.0 amended—Definitions of cesspool, seepage pit deleted.**

~~————~~ The definitions of “cesspool” and “seepage pit” in Section 202.0 of the plumbing code are deleted except as noted in Section 13.16.500 of Division II of Title 13 of this code.

**15.20.080**      **(Reserved.) Section 202.0 amended—Definitions incorporated into other titles of code.**

~~————~~ The definitions of “lot,” “private sewage disposal system,” “public sewer,” and “sewage” in Section 202.0 of the plumbing code are amended to read as set forth in the sections of this code noted herein.

~~————~~ **Lot**

~~————~~ “Lot” shall be as defined in Section 17.02.320 of this code.

~~————~~ **Private Sewage Disposal System**

~~————~~ “Private sewage disposal system” shall be as defined in Section 13.16.345 of this code.

~~————~~ **Public Sewer**

~~————~~ “Public sewer” shall be as defined in Section 13.16.350 of this code.

~~————~~ **Sewage**

~~————~~ “Sewage” shall be as defined in Section 13.16.340 of this code.

**15.20.090**      **Section 306.1 amended—Damage to drainage system or public sewer.**

Section 306.1 of the plumbing code is incorporated, with modifications, into [subsection \(A\)](#) of Section 13.20.090 of Division II, “Sewage Systems,” of Title 13 of this code.



**15.20.100 Chapter 7, Part II modified and incorporated into Title 13, Division II.**

The provisions of Chapter 7, part II, “Building Sewers,” of the plumbing code are incorporated, with modifications, into Division II, “Sewage Systems,” of Title 13 of this code, with the corresponding plumbing code references noted therein, except that Section 723 of the plumbing code is adopted without modification by and under this chapter.

**15.20.110 ~~(Reserved.) Appendices E, F, I, J deleted; G, H adopted.~~**  
~~Appendices E, F, I and J are deleted in their entirety. Appendices G and H are adopted.~~

**SECTION 4.** Section 13.16.500 (Violations) of Chapter 13 (General Provisions and Definitions) of the Napa County Code is amended to read in full as follows:

**13.16.500 Violations.**

It shall be unlawful and a public nuisance to construct, operate, or maintain any private sewer, individual sewage disposal system, private sewage disposal system, special design sewage disposal system, or appurtenances thereto in violation of any of the provisions of this division, or to construct or to fail to properly abandon when ordered any cesspool or seepage pit as defined in ~~Section 202.0 of~~ the California Plumbing Code. In addition to any other remedies provided in this division, such violations may be abated pursuant to Chapter 1.20 and shall be a misdemeanor punishable as provided in Section 1.20.150 of this code (CPC §722.4, modified).

**SECTION 5.** Chapter 15.24 (Mechanical Code) of the Napa County Code is amended to read in full as follows:

**Chapter 15.24**

**MECHANICAL CODE**

**Sections:**

- 15.24.010 Document adopted by reference.**
- 15.24.020 Modifications.**
- 15.24.030 Section ~~110.1~~108.8—Board of appeals.**
- 15.24.040 ~~(Reserved.) Table No. 1-A amended—Fees.~~**

**15.24.010 Document adopted by reference.**

For the purpose of establishing proper regulations for building construction and for the installation of mechanical systems, the ~~2001-2007~~ Edition of the California Mechanical Code, hereinafter referred to as “mechanical code,” including Appendices Chapter 1, A, B, C and D, and otherwise known as that version of the 2000 which is based on the 2006 Edition of the Uniform Mechanical Code of the International Association of Plumbing and Mechanical Officials adopted with modifications by the state of California as Title 24, Part 4 of the California Code of Regulations, is adopted and made a part of this code by reference, subject to the modifications set forth in this chapter.

**15.24.020 Modifications.**

Each section of the mechanical code designated in succeeding sections of this chapter shall be changed to read as set forth in this chapter, except that where the modification is a deletion only, the deletion shall be noted without setting forth the text of the section.

**15.24.030 Section ~~110.1108.8~~—Board of appeals.**

The functions of the board of appeals referred to in Section ~~110.1108.8~~ of the Mechanical Code shall be performed by the unified board of appeals constituted pursuant to Section 15.04.090 of this code and no separate board of appeals shall be created.

**15.24.040 ~~(Reserved.)Table No. 1-A amended—Fees.~~**

~~—The fees for mechanical permits and inspections, set forth in Chapter 1, Table No. 1-A, of the mechanical code, are repealed and replaced by those fees established by resolution of the board of supervisors. Any references to Table 1-A shall mean such established fee schedule.~~

**SECTION 6.**

Chapter 15.28 (Electrical Code) of the Napa County Code is

amended to read in full as follows:

**Chapter 15.28**

**ELECTRICAL CODE**

**Sections:**

- 15.28.010 Documents adopted by reference.**
- 15.28.020 ~~{Reserved}~~Modifications.**
- 15.28.030 ~~Section 89.108.8--~~Board of appeals.**
- 15.28.040 ~~Section 89.108.3.1.1--~~Organization ~~and enforcement.~~**
- 15.28.041 Section 89.108.5.2.--Right of entry.**
- 15.28.042 Section 89.108.9.3--Enforcement.**

**15.28.010 Documents adopted by reference.**

For the purpose of establishing proper regulations for building construction and for the installation of electrical systems, the provisions of the ~~2004-2007~~ Edition of the California Electrical Code, hereinafter referred to as “electrical code,” including Annexes B, C, D, E, F and G, ~~{which is based upon the 2002-2005 Edition of the National Electrical Code published by the National Fire Protection Association adopted with modifications by the state of California as Title 24, Part 3 of the California Code of Regulations, } designated for adoption in the California Matrix Adoption Tables by the Local Building Official and Annexes B, C, D, E and F, are is~~ adopted and made a part of this code by reference.

**15.28.020 ~~{Reserved}~~ Modifications.**

Each section of the electrical code designated in succeeding sections of this chapter shall be changed to read as set forth in this chapter, except that where the modification is a deletion only, the deletion shall be noted without setting forth the text of the section.

**15.28.030 Section 89.108.8--Board of appeals.**

The functions of a board of appeals referred to in Section 89.108.8 of the electrical code shall be performed by the unified board of appeals constituted pursuant to Section 15.04.090 of this code and no separate board of appeals shall be created.

**15.28.040 Section 89.108.3.1.1--Organization, and enforcement.**

~~A. Organization and Powers.~~ Section 89.108.3.1.1 is added to the electrical code to read in full as follows:

The building official is designated as the enforcement official of this code. For purposes of this chapter, the terms “building official” and “electrical inspector” in the electrical code shall mean the conservation, development and planning director, assistant conservation, development and planning director, chief building official, field inspection supervisor and building inspector(s), who shall have those powers granted in Chapter 1.24 of the county code.

**15.28.041 Section 89.108.5.2.--Right of entry.**

~~B. Right of Entry.~~ Section 89.108.5.2 is added to the electrical code to read in full as follows:

Whenever necessary to make an inspection to enforce the provisions of this code, or whenever the building official has reasonable cause to believe there exists in a building or upon a premises a condition or code violation which makes such building or premises unsafe, dangerous, or hazardous, the building official may enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the building official by such codes, provided that if such building or premises be occupied, the building official shall first present proper credentials and request entry. If such building or premises is unoccupied, the building official shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and request entry. If entry be refused, the building official shall have recourse to every remedy provided by law to secure entry. When the building official shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, an owner or occupant or other persons having charge, care or control of the building or premises shall not fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the building official for the purpose of inspection and examination pursuant to this code.

**15.28.042 Section 89.108.9.3--Enforcement.**

Section 89.108.9.3 is added to the electrical code to read in full as follows:

A. Authority to Disconnect. The electrical inspector is authorized to disconnect and order discontinuance of electric service to any electric wiring, devices, appliances or equipment found to be in violation of this code under any of the following conditions:

1. Failure of the owner or electrical contractor to secure the required electrical permit;
2. Hazardous electrical work found to be dangerous to life or property due to defective wiring, devices, appliances or equipment;
3. Electrical work connected to service without the approval of the electrical inspector;

4. Temporary power poles that have been connected for more than six months.

Any order issued pursuant to this section may be made either to the person using and maintaining the condition, or to the person responsible for its use and maintenance, and shall specify the date or time for compliance with its terms.

**DB.** Authority to Condemn Electrical System and Equipment. Whenever the electrical inspector shall find any electrical equipment to have been unlawfully installed, changed or altered, or to be operated or used in a manner or under conditions contrary to the provisions of this code or of any ordinance, rule or regulation thereto pertaining, or, in the judgment of the electrical inspector, to be unsafe or dangerous to person or property, the electrical inspector shall have the authority and power to condemn such unlawfully installed, changed or altered, or unlawfully operated or used, or defective, unsafe or dangerous electrical equipment and to prohibit the further use thereof until the said unlawful, defective, unsafe or dangerous conditions with respect thereto shall have been remedied; and the inspector is likewise further authorized and empowered thereupon summarily to disconnect any such electrical equipment from its source of current supply and to place a seal thereon, or to order and require the person supplying electrical energy to such equipment to disconnect his supply or service wires and discontinue the supply of electrical energy to such equipment. The electrical inspector may take any or all of the above actions as, in his discretion, he deems to be warranted by the circumstances and conditions of the case.

**EC.** Connection After Order to Disconnect. Wherever the electrical inspector shall find any electrical distribution system, or any live supply or service conductor therefrom, to have been connected to any electrical equipment in, on or about any building without authority therefore as required by this code or after issuance of an order to disconnect, the electrical inspector shall be authorized and empowered to cause such system or conductor to be disconnected from such electrical equipment, or to order and require the same to be disconnected by the person owning or operating such distribution system. It shall be unlawful and a public nuisance for such person to fail to comply with such order.

**FD.** Violations Unlawful and a Public Nuisance. It is unlawful and a public nuisance for any person supplying electrical energy to any electrical equipment to fail, neglect or refuse immediately to disconnect his supply or service wires and discontinue the supply of electrical energy to such electrical equipment when notified and directed so to do under and in accordance with the provisions of this chapter. It shall also be unlawful and a public nuisance for the person owning or in charge or control of any such condemned electrical equipment, to fail to remedy or remove the problem within the period of time fixed by the electrical inspector in his notice to such person directing that the unlawful, defective, unsafe or dangerous conditions thereof or with respect thereto be so remedied or removed.

**SECTION 7.** A new Chapter 15.29 (Energy Code) is hereby added to the Napa

County Code to read in full as follows:

**Chapter 15.29**

**ENERGY CODE**

**Sections:**

**15.29.010 Document adopted by reference.**

**15.29.010 Document adopted by reference.**

The 2007 Edition of the California Energy Code, adopted by the State of California as Title 24, Part 68 of the California Code of Regulations, is adopted and made a part of this code by reference.

**SECTION 8.**

Chapter 15.30 (Historical Code) of the Napa County Code is amended to read in full as follows:

**Chapter 15.30**

**HISTORICAL BUILDING CODE**

**Sections:**

**15.30.010 Document adopted by reference.**

**15.30.010 Document adopted by reference.**

For the purpose of establishing proper regulations for the renovation of historical buildings, the ~~2001-2007~~ Edition of the California Historical Building Code, hereinafter referred to as “historical building code” adopted by the State of California as Title 24, Part 8 of the California Code of Regulations, is adopted and made a part of this code by reference.

**SECTION 9.**

Chapter 15.32 (Fire Code) of the Napa County Code is amended to read in full as follows:

**Chapter 15.32**

**FIRE CODE**

**Sections:**

**15.32.010 Document adopted by reference.**

**15.32.020 Section 108 Board of appeals.**

**15.32.030 ~~(Reserved.)Section 101.1 amended—Title.~~**

**15.32.040 ~~Section 101.2.1.1--Application.~~**

**15.32.050 ~~(Reserved.)Section 103.1.2.2 added—Failure to maintain.~~**

**15.32.060 ~~(Reserved.)Section 103.2.1.3 added—Emergency response and mitigation fees.~~**

- 15.32.070 (Reserved.)Section 103.2.1.3.1 added—Emergency response and mitigation.
- 15.32.080 (Reserved.)Section 103.3.5 added—Plan review.
- 15.32.090 (Reserved.)Section 103.3.6 added—Fees for plan review and inspection.
- 15.32.100 (Reserved.)Section 103.3.7 added—Issuance of building permits and certificates of occupancy.
- 15.32.110 (Reserved.)Section 105.8 deleted—Permit required.
- 15.32.120 (Reserved.)Section 105.8 added—Permit required.
- 15.32.130 (Reserved.)Section 901.1 amended—Scope.
- 15.32.140 (Reserved.)Section 901.1.1 added—General.
- 15.32.150 (Reserved.)Section 901.1.1.1 added—General.
- 15.32.160 (Reserved.)Section 901.1.1.2 added—New parcels.
- 15.32.170 (Reserved.)Section 901.1.1.3 added—Use permits.
- 15.32.180 (Reserved.)Section 901.1.1.4 added—New building construction.
- 15.32.190 (Reserved.)Section 901.1.1.5 added—New siting of manufactured home.
- 15.32.200 (Reserved.)Section 901.1.1.6 added—Greater requirements.
- 15.32.210 (Reserved.)Section 901.1.1.7 added—New road construction.
- 15.32.220 (Reserved.)Section 901.1.1.8 added—Exceptions.
- 15.32.230 (Reserved.)Section 901.1.1.9 added—Site access.
- 15.32.240 (Reserved.)Section 901.2.2.3 added—Building permit applications.
- 15.32.250 (Reserved.)Section 901.4.4 amended—Premise identification.
- 15.32.260 (Reserved.)Section 902.2.4.3 added—Gates.
- 15.32.270 (Reserved.)Section 902.4.1 added—Location of key box.
- 15.32.280 (Reserved.)Section 902.4.6 added—Alarm tamper switches.
- 15.32.290 (Reserved.)Section 902.4.7.3 added—Commercial facilities.
- 15.32.300 (Reserved.)Section 902.5.4.9 added—Gates, obstructions and closures.
- 15.32.310 (Reserved.)Section 903.1 amended—General.
- 15.32.320 (Reserved.)Section 903.2.1 added—Standards.
- 15.32.330 (Reserved.)Section 903.3.1 added—Limited use of water supply.
- 15.32.340 (Reserved.)Section 903.4.4.2 added—Minimum main size.
- 15.32.350 (Reserved.)Section 903.4.2.3 added—Mains for common systems.
- 15.32.360 (Reserved.)Section 903.4.2.4 added—Fire flow certification.
- 15.32.370 (Reserved.)Section 903.4.5.4 added—Wet drafting hydrant definition.
- 15.32.380 (Reserved.)Section 1001.7.2 deleted.
- 15.32.390 (Reserved.)Section 1001.7.2 added—Clear space.
- 15.32.400 (Reserved.)Section 1003.2.2 amended—All occupancies except Group R, Division 3 and Group U.
- 15.32.410 (Reserved.)Section 1004.1.3.2 added—System control valve signs.
- 15.32.420 (Reserved.)Section 1004.1.4.1 added—Fire department connections, location and access.
- 15.32.430 (Reserved.)Section 1004.1.4.2 added—Location of fire department connections.
- 15.32.440 (Reserved.)Section 1004.1.4.3 added—Location of connections.
- 15.32.450 (Reserved.)Section 1004.2.1 added—Three or more stories.

15.32.460	<u>(Reserved.)Table 1004-A amended.</u>
15.32.470	<u>(Reserved.)Section 1103.2.4.1 added— Disposal of flammable vegetation and fuels.</u>
15.32.480	<u>(Reserved.)Section 1302.3.1 added— Definitions.</u>
15.32.490	<u>(Reserved.)Section 1302.3.4 added— Unreliable fire alarm systems.</u>
15.32.500	<u>(Reserved.)Section 4101.1 amended— General.</u>
15.32.510	<u>(Reserved.)Section 4101.2 added— Application.</u>
15.32.520	<u>(Reserved.)Section 4102.1 amended— General.</u>
15.32.530	<u>(Reserved.)Section 4102.2 amended— Limited application.</u>
15.32.540	<u>(Reserved.)Section 4103 amended— Permits and plan submittal.</u>
15.32.550	<u>(Reserved.)Section 4103.1 added— Permits in general.</u>
15.32.560	<u>(Reserved.)Section 4103.1 added— Plan submittal in general.</u>
15.32.570	<u>(Reserved.)Section 4103.2 added— Conditional development applications.</u>
15.32.580	<u>(Reserved.)Section 4103.3 added— Construction permit applications.</u>
15.32.590	<u>(Reserved.)Section 4106.4 added— Noncombustible contents.</u>
15.32.600	<u>(Reserved.)Section 4106.5 added— Combustible contents.</u>
15.32.610	<u>(Reserved.)Section 4106.6 added— Hosted events.</u>
15.32.620	<u>(Reserved.)Section 4114 added— Emergency communications.</u>
15.32.630	<u>(Reserved.)Section 7801.3.1.2 amended— Displays.</u>
15.32.640	<u>(Reserved.)Appendix I-A Section 1.2 amended.</u>
15.32.650	<u>(Reserved.)Appendix III-A Section 2 amended.</u>
15.32.660	<u>(Reserved.)Appendix III-A Section 5 amended.</u>
15.32.670	<u>(Reserved.)Table III-A-2-1 amended— Minimum fire flow.</u>
15.32.680	<u>(Reserved.)Table III-A-2-2 amended— Minimum fire flow.</u>
15.32.690	<u>(Reserved.)Table III-A-2.3 amended— Minimum fire flow.</u>
15.32.700	<u>Section 503.1 - Where Required.</u>
15.32.705	<u>Section 503.2.6 - Bridges and Elevated Services.</u>
15.32.710	<u>Section 903.2 - Where Required.</u>
15.32.720	<u>Section 903.4 - Sprinkler System Monitoring and Alarms.</u>
15.32.730	<u>Section 905.3.1 - Building Height.</u>
15.32.740	<u>(Reserved.)</u>
15.32.750	<u>Section 4714.1 - Defensible Space for Structures and Roads (General).</u>
15.32.760	<u>Section 4714.2 - Roadways.</u>
15.32.770	<u>Section 4714.3 - Corrective Actions.</u>
15.32.780	<u>Appendix Chapter 1, Section 109.3 - Violation penalties.</u>
15.32.790	<u>Appendix Chapter 1, Section 111.4 - Failure to comply.</u>
15.32.800	<u>Appendix B, Section B103.3 - Areas Without Water Supply Systems.</u>
15.32.801	<u>Appendix B, Section B103.4 - Alternative Means of Protection.</u>
15.32.802	<u>Appendix B, Section B105.1.1 - One and Two Family Dwellings Under 6000 Square Feet and Not Served By a Public Water System.</u>
15.32.803	<u>Appendix B, Section B105.1.2 - One and Two Family Dwellings Over 6000 Square Feet and Not Served by a Public Water System.</u>
15.32.804	<u>Appendix B, Section B105.2 - Buildings Other Than One and Two Family Dwellings.</u>
15.32.805	<u>Table B105.2 is added – Minimum fire flow.</u>

**15.32.806 Table B105.3 is added – Minimum fire flow.**

**15.32.807 Table B105.4 is added – Minimum fire flow.**

**15.32.010 Document adopted by reference.**

~~For the purpose of establishing proper regulations for building construction and the installation and use of certain systems involving flammable, volatile or hazardous materials, the 2001 Edition of the California Fire Code (hereafter the “fire code”), otherwise known as that version of the 2000 Uniform Fire Code published by the International Fire Code Institute adopted with modifications by the State of California, together with Appendix Chapters IA, IC, HA, HB, HC, HD, HE, HF, HH, HI, HJ, HK, HIA, HIAA, HIB, HIBB, HIC, IVA, IVB, VA, VIC, VID, VIE, VIG, VIH, VII, VJ, VK is hereby adopted and made a part of this code by reference, subject to the modifications set forth below. That portion of the California Building Standards Code that imposes substantially the same requirements as are contained in the California Fire Code, 2007 which is based on the 2006 International Fire Code with Errata, including Appendix Chapter 1, Appendix Chapter 4, Appendix B and Appendix C as modified and amended by this chapter, are adopted by this reference into this Chapter, and are hereby collectively declared to be the Fire Code of Napa County, in the State of California regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code on file in the office of the County of Napa are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, subject to the modifications set forth below.~~

**15.32.020 Section 108 - Board of appeals.**

~~The functions of the board of appeals referred to in Section 108 of Appendix Chapter 1 of the Fire Code shall be performed by the unified board of appeals. Appeals arising under this chapter shall be heard by the unified board of appeals constituted pursuant to Section 15.04.090 of this code and no separate board of appeals shall be created.~~

**15.32.030 (Reserved.) Section 101.1 amended – Title.**

~~Section 101.1 of the fire code is amended to read as follows:~~

~~**101.1 Title.** This code shall be known as the California Fire Code with local amendments, and may be cited as such, and will be referred to herein as “this code” or “fire code”.~~

**15.32.040 Section 101.1.12.1.1 added - Appendix Chapter 1 Application.**

Section 101.1.12.1.1 is added to the Appendix Chapter 1 of the fire code to read as follows:

**101.1.12.1.1 Application - Napa County.** This code shall apply to all unincorporated areas of Napa County for the purpose of establishing minimum fire safety requirements for development in unincorporated Napa County.



EXCEPTION: Property in unincorporated Napa County outside the City of American Canyon and within the American Canyon Fire Protection District is under the jurisdiction of the American Canyon Fire Protection District.

**15.32.050**      (Reserved.)~~Section 103.1.2.2 added—Failure to maintain.~~

~~Section 103.1.2.2 is added to the fire code to read as follows:~~

~~**103.1.2.2 Failure to maintain.** Failure to maintain the conditions or off-setting mitigations used to establish the equivalency of an approved alternate means of protection shall render that approval null and void and make the owner subject to immediate prescriptive compliance with this code.~~

**15.32.060**      (Reserved.)~~Section 103.2.1.3 added—Emergency response and mitigation fees.~~

~~Section 103.2.1.3 is added to the fire code to read as follows:~~

~~**103.2.1.3 Emergency Response and Mitigation Fees.** Emergency Response and Mitigation fees shall be collected as authorized by County ordinance and state law.~~

**15.32.070**      (Reserved.)~~Section 103.2.1.3.1 added—Emergency response and mitigation.~~

~~Section 103.2.1.3.1 is added to the fire code to read as follows:~~

~~**103.2.1.3.1 Emergency response and mitigation.** In addition to potential civil, and/or criminal penalties, any person, individual, group of individuals, firm, trust, corporation, partnership, association, or business concern responsible for an unauthorized release of hazardous material, a malicious false alarm, excessive unintentional false alarms, or igniting and/or maintaining an illegal fire, or responses to negligent operation of motor vehicles, boats, and/or aircraft shall be liable for reimbursing the County of Napa for all costs incurred resulting from their emergency response and mitigation activities involving these incidents. Incurred costs may include such activities as fire fighting, rescue, evacuation, hazardous material containment, control and/or disposal, incident investigation, report writing, and additional mitigation activities that may be contracted by the County.~~

**15.32.080**      (Reserved.)~~Section 103.3.5 added—Plan review.~~

~~Section 103.3.5 is added to the fire code to read as follows:~~

~~**103.3.5 Plan Review.** The Conservation, Development and Planning Department shall, upon receipt of plans for which Fire Department review and approval is required, furnish the County Fire Marshal's office with appropriate sets of plans. The Chief shall cause these plans to be reviewed for the purpose of ascertaining and causing to be corrected any violation of this code; state law or regulations; local ordinance, standard, or specification; and any fire or life safety condition or mitigation measure of a conditional development approval plan review shall be in accordance with the Napa County Fire Department and the Conservation, Development and Planning Department policies.~~

**15.32.090** ~~(Reserved)Section 103.3.6 added— Fees for plan review and inspection.~~  
~~Section 103.3.6 is added to the fire code to read as follows:~~

~~**103.3.6 Fees for Plan Review and Inspection.** The county of Napa has, by resolution, established a schedule of fees to be charged and collected for inspection services, plan review, and for permit issuance. A copy of the current fee schedule shall be kept in the offices of the Clerk of the Board and County Fire Marshal.~~

**15.32.100** ~~(Reserved.)Section 103.3.7 added— Issuance of building permits and certificates of occupancy.~~

~~Section 103.3.7 is added to the fire code to read as follows:~~

~~**103.3.7 Issuance of Building Permits and Certificates of Occupancy.** The Chief shall, prior to the issuance of a building permit or certificate of occupancy on a project for which fire department approval is required, provide the building official with written authorization that the project meets the fire protection and life safety requirements under the jurisdiction of the Chief.~~

**15.32.110** ~~(Reserved.)Section 105.8 deleted— Permit required.~~  
~~Section 105.8 is deleted.~~

**15.32.120** ~~(Reserved.)Section 105.68 of Appendix Chapter 1 amendedadded— Permit required.~~

~~Section A new section 105.68 is amended added to the fire code to read as follows:~~

~~**105.68 Permit Required Operational Permits.** The fire code official is required to issue operation permits as set forth in Appendix Chapter 1, Section 105.6.1 through 105.6.3. A permit shall be obtained from the Office of the Napa County Fire Marshal prior to engaging in the following activities, practices or functions:~~

~~Fireworks. For permits for fireworks, see Article 78.~~

~~**105.6.1 Places of assembly.** An operational permit is required to To operate a place of assembly, see Article 25.~~

~~**105.6.2 Tents, Canopies or Temporary Membrane Structures, Tents and Canopies.** An operational permit is required to operate an air supported temporary membrane structure or a tent having an area in excess of 200 square feet or a canopy in excess of 400 square feet, see Chapter 24. For permits for tents, see Article 32.~~

~~**105.6.3 Pyrotechnic Special Effects Material.** An operational permit is required for use and handling of pyrotechnic special effect material, see Chapter 33.~~

**15.32.130** ~~(Reserved.)Section 901.1 amended— Scope.~~  
~~Section 901.1 of the fire code is amended to read as follows:~~

~~**901.1 Scope.** Fire department access, concurrent civilian evacuation from wildfires, and~~

water supply shall be in accordance with Article 9.

**15.32.140 (Reserved.)Section 901.1.1 added—General.**

~~Section 901.1.1 is added to the fire code to read as follows:~~

~~**901.1.1 General.** Safe access for emergency equipment and concurrent civilian evacuation from fire hazard severity zones, marking and signing to locate emergencies and avoid delays in emergency response, unobstructed traffic circulation during wildfire emergencies, and water supplies for structural and wildfire protection shall be provided in accordance with Article 9.~~

**15.32.150 (Reserved.)Section 901.1.1.1 added—General.**

~~Section 901.1.1.1 is added to the fire code to read as follows:~~

~~**901.1.1.1 Application.** The provisions of Article 9 related to fire apparatus access roads in sections 902.2.1 and 902.2.2 shall apply to the following:~~

~~(1) All portions of any development approval in industrial zoning districts.~~

~~(2) The facility premises portion of development approvals in lands other than industrial zoning districts.~~

~~For access requirements to the facility premises in lands other than industrial zoning districts see Napa County Road and Street Standards, and applicable conditions of the development approval.~~

**15.32.160 (Reserved.)Section 901.1.1.2 added—New parcels.**

~~Section 901.1.1.2 is added to the fire code to read as follows:~~

~~**901.1.1.2 New parcels.** Approval of new parcels (parcel splits, tentative maps, or subdivisions) shall comply with Article 9.~~

**15.32.170 (Reserved.)Section 901.1.1.3 added—Use permits.**

~~Section 901.1.1.3 is added to the fire code to read as follows:~~

~~**901.1.1.3 Use permits.** Approval of use permits, use permit modifications, zone changes, site plans, conditional certificates of compliance, and other conditional development approvals subject to fire protection conditions shall comply with Article 9 when the project increases hazards to life and property. Compliance may include installation of additional fire department access and water supply when existing roads or water supply are inadequate for the proposed increase in hazards.~~

**15.32.180 (Reserved.)Section 901.1.1.4 added—New building construction.**

~~Section 901.1.1.4 is added to the fire code to read as follows:~~

~~**901.1.1.4 New Building Construction.** Approval of a building permit for construction of a new building exceeding 640 square feet, including replacement buildings, containing an occupancy other than a detached Group U occupancy classification shall comply with Article 9. Any new structure used to house a fire pump shall be provided with fire department access meeting driveway specifications.~~

**15.32.190 (Reserved.)Section 901.1.1.5 added—New siting of manufactured home.**

~~Section 901.1.1.5 is added to the fire code to read as follows:~~

~~**901.1.1.5 New Siting of Manufactured Home.** Approval of permits authorizing the new siting of a manufactured home shall comply with Article 9.~~

**15.32.200 (Reserved.)Section 901.1.1.6 added—Greater requirements.**

~~Section 901.1.1.6 is added to the fire code to read as follows:~~

~~**901.1.1.6 Greater requirements may be imposed.** This article is not intended to restrict or otherwise limit the authority or discretion of the County to impose additional requirements when reviewing applications for conditional development approvals. Where requirements of this code conflict with requirements of conditional development approvals, the stricter requirement shall apply.~~

**15.32.210 (Reserved.)Section 901.1.1.7 added—New road construction.**

~~Section 901.1.1.7 is added to the fire code to read as follows:~~

~~**901.1.1.7 New Road Construction.** Application for permits authorizing construction of new roads, new construction of extensions to existing roads, and new construction to widen an existing road shall comply with the Napa County Road and Street Standards.~~

**15.32.220 (Reserved.)Section 901.1.1.8 added—Exceptions.**

~~Section 901.1.1.8 is added to the fire code to read as follows:~~

~~**901.1.1.8 Exceptions.** The Chief may approve requests for “Alternative means of protection” for any section of this code, pursuant to Section 103.1.2.2, which serves as a method to allow for exceptions or equivalencies providing the same practical effect to the protection prescribed in this code. Where requests for alternative means of protection involve matters regulated by the Departments of Public Works or Conservation, Development and Planning the request shall notice and be subject to the approval of the appropriate department Director(s).~~

**15.32.230 (Reserved.)Section 901.1.1.9 added—Site access.**

~~Section 901.1.1.9 is added to the fire code to read as follows:~~

~~**901.1.1.9 Site Access.** The Napa County Fire Marshal’s Office shall review and approve Fire Department site access to and around all structures. For purposes of this section, “site access” is defined as: as that portion of road, driveway, and/or vehicle areas around a building or structure.~~

**15.32.240 (Reserved.)Section 901.2.2.3 added—Building permit applications.**

~~Section 901.2.2.3 is added to the fire code to read as follows:~~

~~**901.2.2.3 Building Permit Applications.** Applications for building permits shall contain all details and specifications necessary to establish compliance with provisions of this code and pursuant to policies and specifications of the fire department and the~~

Conservation, Development and Planning Department.

**15.32.250 (Reserved.)Section 901.4.4 amended—Premise identification.**

Section 901.4.4 of the fire code is amended to read as follows:

**901.4.4 Premises identification.** Approved numbers or addresses shall be placed on all new and existing buildings in such a position as to be plainly visible and legible from the street or road. Numbers shall contrast with their background. **Commercial numbers shall be a minimum height of 10"; Tenant improvement strip malls and front doors shall be a minimum height of 6"; and residential shall be a minimum height of 3".**

**15.32.260 (Reserved.)Section 902.2.4.3 added—Gates.**

Section 902.2.4.3. is added to the fire code to read as follows:

**902.2.4.3 Gates.** All gates installed for fire apparatus access shall be designed and installed as follows:

1. Electric gates shall automatically open in the event of power failure.

EXCEPTION: The gate operating mechanism shall have manual operating capabilities in the event of power failure when approved by the Chief.

2. Electric gates shall be provided with an emergency response key switch (see Section 902.4) and other emergency operating mechanisms prescribed in fire department specifications.

3. All locked gates shall comply with Section 902.4—Emergency Response Key System Requirements.

**15.32.270 (Reserved.)Section 902.4.1 added—Location of key box.**

Section 902.4.1 is added to the fire code to read as follows:

**902.4.1 Location of Key Box.** The location of key boxes shall be submitted with plans to the fire department for review and approval.

**15.32.280 (Reserved.)Section 902.4.6 added—Alarm tamper switches.**

Sec. 902.4.6 is added to the fire code to read as follows:

**902.4.6. Alarm Tamper Switches.** All emergency response security boxes shall be purchased with tamper switches and connected to existing (or future) building security alarm systems, so that the building owner may be notified when County emergency response personnel access building keys.

**15.32.290 (Reserved.)Section 902.4.7.3 added—Commercial facilities.**

Section 902.4.7.3 is added to the fire code to read as follows:

**902.4.7.3 Commercial facilities.** Commercial facilities that present a potential for unduly

difficult fire and rescue operations or require a large amount of printed information to manage emergency operations shall provide an emergency response data storage cabinet with facility access keys, plans, and information as required by the Chief. Such facilities shall include (but not be limited to) the following:

1. ~~Buildings that contain highpiled combustible storage in accordance with Section 8100.~~
2. ~~Facilities that are required to submit a hazardous materials business management plan, when required by the Chief.~~
3. ~~Subterranean spaces including winery caves in accordance with Section 4100.~~

**15.32.300 (Reserved.)Section 902.5.4.9 added—Gates, obstructions and closures.**

~~Section 902.5.4.9 is added to the fire code to read as follows:~~

~~**902.5.4.9. Gates, Obstructions, and Closures.** Gates, obstructions, and closure of wildland fire roads shall be in accordance with Section 902.2.4.3. The Director of the Conservation, Development and Planning Department is authorized, in addition to the Fire Chief, to require the installation of gates in accordance with Section 902.2.4.3 to reduce environmental impacts of wildland fire roads.~~

**15.32.310 (Reserved.)Section 903.1 amended—General.**

~~Section 903.1 of the fire code is amended to read as follows:~~

~~**903.1 General.** Water supplies and fire hydrants shall be in accordance with Sections 901 and 903.~~

~~Water supplies for fire protection may be combined with water supplies for other uses when in accordance with applicable standards and when approved by the Chief. All State and County codes and regulations applicable to other water uses shall apply in addition to the requirements of this code when water supplies for fire protection are combined with other uses (see Napa County code Title 13 “Water, Sewer, and Public Services”).~~

**15.32.320 (Reserved.)Section 903.2.1 added—Standards.**

~~Section 903.2.1 is added to the fire code to read as follows:~~

~~**903.2.1 Standards.** Systems for providing water supplies for fire protection, including fixed water storage, water mains, fire pumps, and hydrants, shall comply with the applicable NFPA standard adopted by this code or the Building Code. Also see Section 101.3.~~

**15.32.330 (Reserved.)Section 903.3.1 added—Limited use of water supply.**

~~Section 903.3.1 is added to the fire code to read as follows:~~

~~**903.3.1 Limited Use of Water Supply.** Water supplies for fire protection shall only be available for fire protection purposes. If the water supply for fire protection is combined~~

with water supply for other purposes, such as domestic use or frost protection, there shall be physical separations, arrangement of piping, and or valves, to assure the availability of the required fire flow for fire protection.

**15.32.340**     (Reserved.)~~Section 903.4.4.2 added—Minimum main size.~~

~~Section 903.4.2.2 is added to the fire code to read as follows:~~

~~**903.4.2.2 Minimum Main size.** The minimum water main size serving fire hydrants in public water systems and for private on-site water mains serving more than one parcel in industrial zoning districts shall be 10 inches.~~

**15.32.350**     (Reserved.)~~Section 903.4.2.3 added—Mains for common systems.~~

~~Section 903.4.2.3. is added to the fire code to read as follows:~~

~~**903.4.2.3 Mains for common systems.** The installation of water mains for a common water system serving more than one parcel or a public water system shall include water supply mains that are looped and/or gridded. The Chief may allow compliance to be phased in.~~

**15.32.360**     (Reserved.)~~Section 903.4.2.4 added—Fire flow certification.~~

~~Section 903.4.2.4 is added to the fire code to read as follows:~~

~~**903.4.2.4 Fire flow certification.** All fire flows on construction plans shall be certified, as shown by a professional stamp or signature, by a licensed engineer or qualified and approved specialist.~~

**15.32.370**     (Reserved.)~~Section 903.4.5.4 added—Wet drafting hydrant definition.~~

~~Section 903.4.5.4 is added to the fire code to read as follows:~~

~~**903.4.5.4 Wet drafting hydrant definition.** Wet drafting hydrant shall mean an approved hydrant with one 4 1/2 inch outlet installed to Fire Department Specifications and Policies. Wet draft hydrants are only permitted for single family residences.~~

**15.32.380**     (Reserved.)~~Section 1001.7.2 deleted.~~

~~Section 1001.7.2 is deleted from the fire code.~~

**15.32.390**     (Reserved.)~~Section 1001.7.2 added—Clear space.~~

~~Section 1001.7.2 is added to the fire code to read as follows:~~

~~**1001.7.2 Clear space.** Clear space around hydrants and fire protection equipment. A 3-foot clear space around the circumference and visibility to the fire department access shall be maintained for: fire hydrants, fire department connections, and exterior fire protection system indicating valves; except as otherwise required or approved.~~

**15.32.400**     (Reserved.)~~Section 1003.2.2 amended—All occupancies except Group R, Division 3 and Group U.~~

~~Section 1003.2.2 of the fire code is amended by adding paragraphs 6, 7 and 8 to read as~~

follows:

6. ~~Throughout all new buildings when the total floor area exceeds 3,600 square feet.~~

7. ~~Building Additions—During a building addition, when the new floor area is equal to or greater than 50% of the existing building, a fire sprinkler system shall be installed throughout the new and existing building.~~

8. ~~In every story or basement of all buildings in Group A, B, E, F, H, I, M, R and S Occupancies, when the building is (a) three stories or more in height, or (b) exceeds 35 feet in height from grade to the finished ceiling or exposed roof.~~

**15.32.410 (Reserved.)Section 1004.1.3.2 added—System control valve signs.**

~~Section 1004.1.3.2 is added to the fire code to read as follows:~~

~~**1004.1.3.2 System control valve signs.** All main and section system control valves, including water supply control valves, shall have a sign indicating the portion of the system that is controlled by the valve.~~

**15.32.420 (Reserved.)Section 1004.1.4.1 added—Fire department connections, location and access.**

~~Section 1004.1.4.1 is added to the fire code to read as follows:~~

~~**1004.1.4.1 Fire Department connections, location and access.** Fire department connections shall be located not more than 50 feet of hose lay distance from the nearest fire hydrant connected to an approved water supply.~~

**15.32.430 (Reserved.)Section 1004.1.4.2 added—Location of fire department connections.**

~~Section 1004.1.4.2 is added to the fire code to read as follows:~~

~~**1004.1.4.2 Location of Fire Department Connections.** Fire department inlet connections shall be on the street side of buildings, fully visible and recognizable from the street or nearest point of fire department apparatus accessibility, and shall be located and arranged so that hose lines can be attached to the inlets without interference from nearby objects, including buildings, fences, posts, or other fire department connections.~~

**15.32.440 (Reserved.)Section 1004.1.4.3 added—Location of connections.**

~~Section 1004.1.4.3 is added to the fire code to read as follows:~~

~~**1004.1.4.3 Location of Connections.** Fire department connections shall be located not less than 18 in. nor more than 48 in. above the level of the adjoining ground, sidewalk, or grade surface.~~

**15.32.450 (Reserved.)Section 1004.2.1 added—Three or more stories.**

~~Section 1004.2.1. is added to the fire code to read as follows:~~



~~1004.2.1 Three or more stories.~~ Occupancies 3 stories or more in height shall be provided with Class I standpipe systems except for Group R, Division 3 occupancies.

**15.32.460 (Reserved.) Table 1004-A amended.**

~~Table 1004-A of the fire code is amended to provide as follows:~~

~~Table Occupancy 2. Occupancies 3 stories or more but less than 150 ft. in height, except Group R, Division 3.~~

~~Footnote 2 A Class II or Class III standpipe system may be combined with the automatic sprinkler system.~~

**15.32.470 (Reserved.) Section 1103.2.4.1 added—Disposal of flammable vegetation and fuels.**

~~Section 1103.2.4.1 is added to the fire code to read as follows:~~

~~**1103.2.4.1 Disposal of flammable vegetation and fuels.** Disposal, including chipping, burying, burning or removal to a landfill site approved by the local jurisdiction, of flammable vegetation and fuels caused by site development and construction, road and driveway construction, and fuel modification shall be completed prior to completion of road construction or final inspection of a building permit.~~

**15.32.480 (Reserved.) Section 1302.3.1 added—Definitions.**

~~Section 1302.3.1 is added to the fire code to read as follows:~~

~~**1302.3.1 Definitions.** For the purposes of section 1302.3, the following definitions shall apply:~~

~~EMERGENCY is an occasion which reasonably calls for a response by the fire department. A response due to failure of an alarm system or to personnel error is not an emergency.~~

~~FALSE ALARM is an alarm signal necessitating response by the fire department when an emergency does not exist.~~

**15.32.490 (Reserved.) Section 1302.3.4 added—Unreliable fire alarm systems.**

~~Section 1302.3.4 is added to the fire code to read as follows:~~

~~**1302.3.4 Unreliable Fire Alarm Systems.** The Chief may determine a fire alarm system to be unreliable upon receipt of more than three (3) false alarms within twelve (12) month period. Upon finding that an alarm system is unreliable, the Chief may order the following:~~

- ~~1. Upon the fourth (4th) false alarms from the alarm system within a twelve (12) month period, the system owner shall pay a mitigation fee of \$150.00 to the fire department for each occurrence.~~

3. Upon the fifth (5th) and following false alarms from the alarm system within a twelve (12) month period, the system owner shall pay a mitigation fee of \$500.00 to the fire department for each occurrence and the Chief may, in addition, require the system owner to provide standby personnel as defined by Section 2501.19 or take such other measures as he deems appropriate. Persons or activities required by the Chief shall remain in place until a fire department approved fire alarm maintenance firm certifies in writing to the Chief that the alarm system has been restored to a reliable condition. The Chief may require such tests as he deems necessary to demonstrate the adequacy of the system.

**15.32.500 (Reserved.)Section 4101.1 amended—General.**

~~Section 4101.1 of the fire code is amended to read as follows:~~

~~**4101.1 General.** The use of subterranean space for winery facilities in natural or manmade caves shall be in accordance with this article and requirements of conditional development approvals.~~

**15.32.510 (Reserved.)Section 4101.2 added—Application.**

~~Section 4101.2 is added to the fire code to read as follows:~~

~~**4101.2 Application.** Article 41 shall apply to the following:~~

- ~~1. Construction of new winery caves and new additions to existing winery caves.~~
- ~~2. Conditional development approvals authorizing new uses of existing winery caves.~~
- ~~3. Conditional development approvals recognizing use of existing winery caves built, but not approved for use, prior to August 1, 1999.~~

**15.32.520 (Reserved.)Section 4102.1 amended—General.**

~~Section 4102.1 of the fire code is amended to read as follows:~~

~~**4102.1 General.** For definitions of ASSEMBLY, FIRE APPLIANCE, NONCOMBUSTIBLE, USE see Article 2.~~

~~For definitions of CONDITIONAL DEVELOPMENT APPROVALS, see Section 501.2.~~

**15.32.530 (Reserved.)Section 4102.2 amended—Limited application.**

~~Section 4102.2 of the fire code is amended to read as follows:~~

~~**4102.2. Limited Application.** For the purpose of Article 41, certain terms are defined as follows:~~

~~COMMERCIAL OCCUPANCIES shall mean any building containing an occupancy other than a group “R” or Group “U” occupancy, as defined in the Building Code.~~

~~CONSTRUCTION PERMITS are any permits required by Napa County Code for construction work within a building or structure such as electrical permits, plumbing permits, building permits, etc.~~

~~TOURS mean any passage of non-winery employees through the winery cave and includes tastings of wine.~~

~~HOSTED EVENTS means any event held within the winery cave and attended by non-employees. This may include, but is not limited to, wine tasting, banquets, receptions, seminars, or any organized event attended by non-employees.~~

~~TYPE 1 WINERY CAVES are natural and/or manmade caves used solely for storage and/or processing of wine and are constructed and furnished solely of non-combustible materials. Type 1 winery caves are never accessible to the public.~~

~~TYPE 2 WINERY CAVES are natural and/or manmade caves used for the storage and/or processing of wine and are constructed and furnished solely of non-combustible materials (see exceptions in Section 4106). Type 2 winery caves are accessible to the public on tours guided by winery staff only.~~

~~TYPE 3 WINERY CAVES are natural and/or manmade caves used for storage and/or processing of wine, and/or are accessible to the public, and exhibit one or more of the following: contain assembly use areas, are constructed or furnished with any amount of combustible materials not otherwise permitted in this section, and/or routinely hold hosted events attended by non-employees.~~

~~WINERY CAVE is defined as the use of subterranean space in a natural and/or constructed cave for storage and/or processing of wine, which may include public access for guided tours and/or assembly use areas.~~

**15.32.540 (Reserved.)Section 4103 amended—Permits and plan submittal.**

~~Section 4103 of the fire code is amended to read as follows:~~

**~~SECTION 4103—PERMITS AND PLAN SUBMITTAL~~**

~~For permits to operate winery caves, see Section 105.~~

**15.32.550 (Reserved.)Section 4103.1 added—Permits in general.**

~~Section 4103.1 is added to the fire code to read as follows:~~

**4103.1 Permits in general.** ~~A use permit is required to use subterranean space for winery facilities and to obtain construction permits for work within winery caves. Construction permits (e.g., electrical, plumbing, and building permits) are required for any construction within winery caves. Permits for actual excavation work of winery caves are not required by this code. The use permit shall be kept readily available at the facility.~~

**15.32.560**     (Reserved.)~~Section 4103.1 added—Plan submittal in general.~~

~~Section 4103.1 is added to the fire code to read as follows:~~

~~**4103.1 Plan submittal in general.** At the time of permit application, plans and specifications including the information specified in Section 4103.3 and Fire Department policies shall be submitted for review and approval by the Chief and be subject to approval of the Director of the Conservation, Development and Planning Department. Following approval of the plans, a copy of the approved plans shall be maintained on the premises in an approved location.~~

**15.32.570**     (Reserved.)~~Section 4103.2 added—Conditional development applications.~~

~~Section 4103.2 is added to the fire code to read as follows:~~

~~**4103.2 Conditional development applications.** Applications to the Conservation, Development and Planning Department for use permits and other conditional development approvals which propose winery caves shall include plans specifying cave size, layout/design, usage type (Wine Cave Type 1-3), planned use, and marketing event usage. The plans shall be prepared and submitted in accordance with the Napa County Fire Department and the Conservation, Development and Planning Department specifications and policies (See Appendix V-B).~~

**15.32.580**     (Reserved.)~~Section 4103.3 added—Construction permit applications.~~

~~Section 4103.3 is added to the fire code to read as follows:~~

~~**4103.3.3 Construction permit applications.** Applications to the Conservation, Development, and Planning Department for electrical, plumbing, building and other required construction permits shall include specifications and graphical plans detailing planned compliance with requirements of this code. The plans shall be prepared and submitted in accordance with the Napa County Fire Department and the Conservation, Development and Planning Department specifications and policies. Specifications and graphical plans detailing as-built compliance with requirements of this code shall be submitted for review and approval prior to certificate of occupancy.~~

**15.32.590**     (Reserved.)~~Section 4106.4 added—Noncombustible contents.~~

~~Section 4106.5 is added to the fire code to read as follows:~~

~~4106.4. Noncombustible contents. Contents of winery caves shall be limited to noncombustible contents which, for the purposes of this article, include wine storage and/or processing involving wine filled wooden barrels and metal tanks. Type 1 and 2 caves are strictly limited to the following contents.~~

~~**Exceptions:**~~

- ~~1.——Wooden barrels which are normally filled with wine, or are to be filled with wine in the immediate future, may occasionally be empty as a part of wine processing and storage.~~

- ~~2. Winery caves may contain limited use of wine barrel supports that are constructed of at least 2-inch nominal dimension lumber.~~
- ~~3. Winery caves may contain small quantities of combustible materials while they are in immediate use for the storage and processing of wine.~~
- ~~4. No hydrocarbon powered mechanized equipment shall be used within the wine cave. Electrical, hydraulic, and/or pneumatic powered mechanized equipment is permitted.~~
- ~~5. Hazardous Materials storage necessary to wine processing shall be subject to Article 80 of the fire code.~~

**15.32.600 (Reserved.)Section 4106.5 added—Combustible contents.**

~~Section 4106.5 is added to the fire code to read as follows:~~

~~**4106.5 Combustible Contents.** Combustible contents are allowed only in Type 3 caves, notwithstanding the exceptions in Section 4106.4. This includes tasting areas, banquet equipment, storage areas, office spaces, wine libraries, or any other portion of a cave that is not in continuous use for barrel storage or fermentation.~~

~~Type 3 wine caves shall be treated as underground structures and shall be required to install and maintain such fire and life safety systems as found in the California Building Code including, but not limited to, fire sprinklers, audible alarm systems, ventilation systems, evacuation plans, emergency communications, exiting, and emergency lighting.~~

**15.32.610 (Reserved.)Section 4106.6 added—Hosted events.**

~~Section 4106.6 is added to the fire code to read as follows:~~

~~**4106.6 Hosted Events.** Hosted events are allowed only in Type 3 caves that are permitted for such events in their use permits or by Temporary Event Permit.~~

**15.32.620 (Reserved.)Section 4114 added—Emergency communications.**

~~Section 4114 of the fire code is added to read as follows:~~

~~Fire department approved emergency communications capability shall be provided for emergency responders.~~

**15.32.630 (Reserved.)Section 7801.3.1.2 amended—Displays.**

~~Section 7801.3.1.2 of the fire code is amended to read as follows:~~

~~**7801.3.1.2 Displays.** Permits are required to conduct a fireworks display. See Section 105, Permit f.2. Permit application shall be made not less than 60 days prior to the scheduled date of the display.~~

**15.32.640 (Reserved.)Appendix I-A Section 1.2 amended.**

~~Section 1.2 of Appendix I-A of the fire code is amended as follows:~~

~~**Appendix I-A Section 1.2. Effective Date.** Within 18 months after the effective date of Appendix I-A and only after notification of the Chief, plans for compliance shall be submitted and approved, and within 18 months thereafter the work shall be completed or the building shall be vacated until made to conform.~~

**15.32.650 (Reserved.)Appendix III-A Section 2 amended.**

~~Section 2 of Appendix of the fire code is amended to read as follows:~~

~~**Appendix III-A Section 2**~~

~~2.1 General.~~

~~2.2 Limited Application. For the purpose of Appendix III-A, certain terms are defined as follows:~~

~~FIRE AREA is the floor area of all floor levels within the exterior walls, and under horizontal projections of the roof of a building, except as modified in Appendix III-A Section 4.~~

~~PUBLIC WATER SUPPLY means a water supply provided by a local agency, publicly owned corporation, or approved utility company.~~

**15.32.660 (Reserved.)Appendix III-A Section 5 amended.**

~~Section 5 of Appendix III-A of the fire code is amended to read as follows:~~

~~**Appendix III-A Section 5**~~

~~**5.1.1 One and Two Family Dwellings not served by a public water supply up to 6000 square feet.** The minimum water storage required shall be 2,500 gallons of capacity dedicated for fire protection. Water supplies for fire protection shall be installed in accordance with 5.1.3.~~

~~Exception: A reduction in fire flow of 50%, as approved, is allowed when the building is provided with an approved automatic fire sprinkler system.~~

~~5.1.2 Installation Requirements~~

~~5.1.2.1 An approved water storage system shall be installed with PVC C900 4 inch diameter minimum pipe size capable of supplying 200 gallons per minute with 20 psi residual pressure.~~

~~5.1.2.2 An approved tank shall be installed and shall be dedicated to fire protection.~~

~~5.1.2.3 A wet draft hydrant is permitted but the hydrant shall have a gate valve with a 4 ½~~

~~inch national hose male connection.~~

~~5.1.2.4 A pressurized system is also permitted. The hydrant must be a rural type hydrant with a 2 ½ inch national hose male connection. A pressurized system shall deliver 200 gallons per minute at 20 psi residual pressure which shall be verified by a licensed Civil Engineer or Fire Protection Engineer.~~

~~**5.1.2.5 The hydrant shall be 5 feet from the roadway and shall be located no closer to the structure than 40 feet and no further than 150 feet.**~~

~~**Exception:** Where water supplies for structural and wildfire protection can be delivered by a mobile water supply, large diameter hose, or portable pumps, the Chief may accept an in-lieu-of mitigation fee, as authorized by the Board of Supervisors, for on-site water supplies for fire protection.~~

~~5.2.1 Buildings other than One and Two Family Dwellings not served by a public water system. The minimum flow duration, fire flow, and storage volume for buildings other than one and two family dwelling shall be as specified in Tables A-III-A-2.1, Tables A-III-A-2.2, Tables A-III-A-2.3. Determine the appropriate fire hazard occupancy from the following lists to select the applicable table.~~

~~For buildings with light fire hazard occupancies, including but not limited to the following, see Table A-III-A-2.1: Apartments, Condominiums, Churches, Colleges, Clubs, Dormitories, Dwellings, Hospitals, Compressed Inert Gas Storage, Institutions, Libraries (except large sack room area), Museums, Nursing, convalescent & Care homes, Office Buildings, Rooming houses, Schools.~~

~~For buildings with moderate fire hazard occupancies, including but not limited to the following, see Table A-III-A-2.2: Asylums, Hotels, Prisons, Saw Mills, Gas Stations, Lumber Yards, Warehousing of Normal combustibles, Wineries, Welding Shops, Furniture Stripping Works, Kiln Drying systems, Compressed Inert Gas Manufacturing.~~

~~For buildings with high fire hazard occupancies, including but not limited to the following, see in Table A-III-A-2.3: Aircraft hangers/Shops, Chemical Works or Storage, Cotton Picker & Opening Operations, Explosives & Pyrotechnics Manufacturing, High Piled Combustible Storage, Linoleum and Oil Cloth Manufacturing, Linseed Oil Mills, Storage or Processing Oil Refineries, Flammable Liquids Bulk Plants or Storage, Paint Shops, Pyroxylin Plastic Manufacturing & processing, Pesticides Manufacturing, Storage or Shipping, Shade Cloth Manufacturing, Solvent Extractions, Tents and Air Supported Structures, Varnish Works or Application of Varathanes, Warehousing of Combustibles/Flammables and other occupancies involving processing, mixing, storage and dispensing flammable and/or combustible liquids.~~

~~5.3. Development approvals for residential development projects not served by a public water system. The minimum fire flow, flow duration, and water storage requirements shall not be less than that specified in Section 5.3.~~

5.3.1. Development approvals for projects served by a common water system with 2 to 4 parcels, including existing parcels, shall provide the following: 200 gallons per minute fire flow, 2 hour flow duration, 30,000 gallons storage in addition to domestic and other uses, storage recovery refill rate of 30 gpm, with rural hydrants (per section 903.4.5.2) spaced to provide a hydrant within 700 feet hoselay distance of all dwellings.

5.3.2. Development approvals for projects not served by a common water system with 2 to 4 parcels, including existing parcels, shall provide the following: 30,000 gallons storage dedicated for fire protection with automatic refill, 1 to 3 fire hydrants (per section 903.4.5.1) spaced as per the Chief to provide regional water storage for mobile delivery of water supplies for fire protection to dwellings in the development.

Exception: Where topography does not provide viable opportunity for pressurized fire hydrants, wet drafting hydrants (per section 903.4.5.4) as approved by the Chief shall be provided in lieu of standard pressurized fire hydrants.

5.3.3. Development approvals for projects served by a common water system with 5 to 10 parcels, including existing parcels, shall provide the following: 500 gallons per minute fire flow, 2 hour flow duration, 60,000 gallons storage in addition to domestic and other uses, storage recovery refill rate of 65 gpm, with fire hydrants (per section 903.4.5.1) spaced in accordance with Table A-III-B-1.

5.3.4. Development approvals for projects not served by a common water system with 5 to 10 parcels, including existing parcels, shall provide the following: 60,000 gallons storage dedicated for fire protection with automatic refill, 1 to 6 fire hydrants (per section 903.4.5.1) spaced as per the Chief to provide regional water storage for mobile delivery of water supplies for fire protection to dwellings in the development.

Exception: Where topography does not provide viable opportunity for pressurized fire hydrants, wet drafting hydrants (per section 903.4.5.4) as approved by the Chief shall be provided in lieu of standard pressurized fire hydrants.

5.3.5. Development approvals for projects served by a common water system with 11 to 140 parcels, including existing parcels, shall provide the following: 1,000 gallons per minute fire flow, 2 hour flow duration, 120,000 gallons storage in addition to domestic and other uses, storage recovery refill rate of 250 gpm, with fire hydrants (per section 903.4.5.1) spaced in accordance with Table A-III-B-1.

5.3.6. Development approvals for projects served by a common water system with 141 to 350 parcels, including existing parcels, shall provide the following: 1,000 gallons per minute fire flow, 2 hour flow duration, 120,000 gallons storage in addition to domestic and other uses, storage recovery refill rate of 250 gpm, with fire hydrants (per section 903.4.5.1) spaced in accordance with Table A-III-B-1.

**15.32.670 (Reserved.) Table III-A-2-1 amended—Minimum fire flow.**

—Table III-A-2-1 of the fire code is amended to read as follows:



**Table III-A-2.1. Minimum Required Fire Flow, Flow Duration, and Storage Volume for Light Fire Hazard Occupancies in Buildings Other than One- and Two-Family Dwellings Not Served by a Public Water Supply.**

Fire Area			Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>2</sup>			
				Non-sprinklered		Sprinklered	
Light Fire Hazard Occupancy <sup>1</sup>				Fire Flow	Storage Volume	Fire Flow	Storage Volume
Type of Construction <sup>3</sup>							
I-FR, II-FR, II-1hr, III-1hr	II-N, III-N, IV-HT, V-1hr	V-N	minutes	Gpm <sup>4</sup>	Gallons <sup>4, 5</sup>	Gpm <sup>4, 6</sup>	Gallons <sup>4, 5, 6</sup>
16,800	13,300	12,600	60	200	12,000	200	6,000
25,300	19,970	19,000	60	300	18,000	300	9,000
33,700	26,600	25,300	60	400	24,000	400	12,000
42,100	33,250	31,600	60	500	30,000	500	15,000
50,500	39,920	37,900	60	600	36,000	500	18,000
58,950	46,550	44,200	60	700	42,000	500	21,000
67,400	53,200	50,500	60	800	48,000	500	24,000
75,800	59,850	56,900	60	900	54,000	500	27,000
84,200	66,500	63,200	60	1,000	60,000	500	30,000
105,300	83,100	78,950	60	1,250	75,000	625	37,500
126,300	99,700	94,750	60	1,500	90,000	750	45,000
147,400	116,350	110,500	60	1,750	105,000	875	52,500
168,400	132,950	126,300	60	2,000	120,000	1,000	60,000
189,500	149,600	142,080	60	2,250	135,000	1,125	67,500
210,500	166,200	157,900	60	2,500	150,000	1,250	75,000
231,600	182,800	173,670	60	2,750	165,000	1,375	82,500
252,600 ±	199,450	189,500	60	3,000	180,000	1,500	90,000
	216,050	205,250	60	3,250	195,000	1,625	97,500
	232,700	221,050	60	3,500	210,000	1,750	105,000
	249,300	236,850	60	3,750	225,000	1,875	112,500
	265,900	252,600	60	4,000	240,000	2,000	120,000
	282,550	268,450	60	4,250	255,000	2,125	127,500
	299,200	284,200	60	4,500	270,000	2,250	135,000

	315,800	300,000	60	4,750	285,000	2,375	142,500
	332,400 <sup>+</sup>	315,800 <sup>+</sup>	60	5,000	300,000	2,500	150,000

- <sup>1</sup> ~~Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.~~
- <sup>2</sup> ~~Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.~~
- <sup>3</sup> ~~Types of construction based upon the Building Code.~~
- <sup>4</sup> ~~Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.~~
- <sup>5</sup> ~~Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.~~
- <sup>6</sup> ~~Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in lieu of outside hose stream demand allowance.~~

**15.32.680 (Reserved.) Table III-A-2-2 amended—Minimum fire flow:**

~~Table III-A-2-2 of the fire code is amended to read as follows:~~

**Table III-A-2.2. Minimum Required Fire Flow, Flow Duration, and Storage Volume for Moderate Fire Hazard Occupancies in Buildings Other than one- and Two-Family Dwellings Not Served by a Public Water Supply.**

Fire Area			Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>2</sup>			
				Non-sprinklered		Sprinklered	
Moderate Fire Hazard Occupancy <sup>1</sup>				Fire Flow	Storage Volume	Fire Flow	Storage Volume
Type of Construction <sup>3</sup>							
I-FR, II-FR, II-1hr, III-1hr	II-N, III-N, IV-HT, V-1hr	V-N	minutes	Gpm <sup>4</sup>	Gallons <sup>4,5</sup>	Gpm <sup>4,6</sup>	Gallons <sup>4,5,6</sup>
11,200	8,850	8,400	60	200	12,000	200	6,000
16,850	13,300	12,650	60	300	18,000	300	9,000
22,450	17,750	16,850	60	400	24,000	400	12,000
28,050	22,150	21,050	60	500	30,000	500	15,000
33,700	26,600	25,250	60	600	36,000	500	18,000
39,300	31,040	29,480	60	700	42,000	500	21,000
44,900	35,450	33,700	60	800	48,000	500	24,000
50,500	39,900	37,900	60	900	54,000	500	27,000
56,150	44,300	42,100	60	1,000	60,000	500	30,000
70,150	55,400	52,650	60	1,250	75,000	625	37,500

84,200	66,500	63,150	60	1,500	90,000	750	45,000
98,250	77,550	73,700	60	1,750	105,000	875	52,500
112,300	88,650	84,200	60	2,000	120,000	1,000	60,000
126,300	99,740	94,750	60	2,250	135,000	1,125	67,500
140,350	110,800	105,250	60	2,500	150,000	1,250	75,000
154,400	121,900	115,800	60	2,750	165,000	1,375	82,500
168,400 +	132,950	126,300	60	3,000	180,000	1,500	90,000
	144,050	136,850	60	3,250	195,000	1,625	97,500
	155,140	147,350	60	3,500	210,000	1,750	105,000
	166,200	157,900	60	3,750	225,000	1,875	112,500
	177,300	168,400	60	4,000	240,000	2,000	120,000
	188,350	178,950	60	4,250	255,000	2,125	127,500
	199,450	189,480	60	4,500	270,000	2,250	135,000
	210,540	200,000	60	4,750	285,000	2,375	142,500
	221,600 +	210,530 +	60	5,000	300,000	2,500	150,000

- <sup>1</sup> \_\_\_\_\_ Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.
- <sup>2</sup> \_\_\_\_\_ Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.
- <sup>3</sup> \_\_\_\_\_ Types of construction based upon the Building Code.
- <sup>4</sup> \_\_\_\_\_ Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.
- <sup>5</sup> \_\_\_\_\_ Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.
- <sup>6</sup> \_\_\_\_\_ Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in lieu of outside hose stream demand allowance.

**15.32.690 (Reserved.) Table III A 2.3 amended—Minimum fire flow.**

\_\_\_\_\_ Table III A 2.3 of the fire code is amended to read as follows:

**Table III A 2.3. Minimum Required Fire Flow, Flow Duration, and Storage Volume for High Fire Hazard Occupancies in Buildings Other than one- and Two-Family Dwellings Not Served by a Public Water Supply.**

Fire Area	Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>2</sup>			
		Non-sprinklered		Sprinklered	
High Fire Hazard Occupancy <sup>1</sup>		Fire Flow	Storage Volume	Fire Flow	Storage Volume

Type of Construction <sup>3</sup>							
I-FR, II-FR, II-1hr, III-1hr	II-N, III-N, IV-HT, V-1hr	V-N	minutes	Gpm <sup>4</sup>	Gallons <sup>4,5</sup>	Gpm <sup>4,6</sup>	Gallons <sup>4,5,6</sup>
5,600	4,430	4,200	120	200	24,000	200	12,000
8,430	6,650	6,320	120	300	36,000	300	18,000
11,230	8,860	8,430	120	400	48,000	400	24,000
14,030	11,070	10,520	120	500	60,000	500	30,000
16,830	13,300	12,630	120	600	72,000	500	36,000
19,650	15,510	14,740	120	700	84,000	500	42,000
22,470	17,730	16,850	120	800	96,000	500	48,000
25,270	19,950	18,950	120	900	108,000	500	54,000
28,070	22,170	21,050	120	1,000	120,000	500	60,000
35,100	27,700	26,320	120	1,250	150,000	625	75,000
42,100	33,250	31,580	120	1,500	180,000	750	90,000
49,130	38,790	36,850	120	1,750	210,000	875	105,000
56,150	44,330	42,100	120	2,000	240,000	1,000	120,000
63,150	49,860	47,360	120	2,250	270,000	1,125	135,000
70,180	55,400	52,630	120	2,500	300,000	1,250	150,000
77,200	60,950	57,900	120	2,750	330,000	1,375	165,000
84,200+	66,480	63,150	120	3,000	360,000	1,500	180,000
	72,030	68,430	120	3,250	390,000	1,625	195,000
	77,570	73,690	120	3,500	420,000	1,750	210,000
	83,100	78,950	120	3,750	450,000	1,875	225,000
	88,650	84,200	120	4,000	480,000	2,000	240,000
	94,180	89,480	120	4,250	510,000	2,125	255,000
	99,720	94,740	120	4,500	540,000	2,250	270,000
	105,270	100,000	120	4,750	570,000	2,375	285,000
	110,800+	105,270+	120	5,000	600,000	2,500	300,000

<sup>1</sup> — Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.

<sup>2</sup> — Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.

<sup>3</sup> — Types of construction based upon the Building Code.

<sup>4</sup> ~~\_\_\_\_\_ Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.~~

<sup>5</sup> ~~\_\_\_\_\_ Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.~~

<sup>6</sup> ~~\_\_\_\_\_ Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in lieu of outside hose stream demand allowance.~~

**15.32.700 Section 503.1 - Where Required.**

Section 503.1 of the fire code is amended to read as follows:

**503.1 Where required.** Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3 and the Napa County Road and Street Standards.

**15.32.705 Section 503.2.6 - Bridges and Elevated Services.**

Section 503.6 of the fire code is amended to read as follows:

**503.2.6 Bridges and Elevated Surfaces.** Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with the H 20 load specification. Bridges and elevated surfaces shall be designed to carry the imposed loads of fire apparatus.

**Exception:** Bridges that are constructed as part of the fire apparatus access road that require the response of the ladder truck due to occupancy classification, use or building construction shall be constructed in accordance with the HS 20 load specification.

**15.32.710 Section 903.2 - Where Required.**

Section 903.2 of the fire code is amended to read as follows:

**903.2 Where Required.** In addition to the requirements of section 903.2.1 through 903.2.17, an approved automatic fire sprinkler system shall be installed and maintained in the all occupancies except Group R-3 (single family residences) and Group U, as follows:

1. Throughout all new buildings with a gross floor area of 3,600 square feet or greater; or
2. Throughout all additions that exceed 3,600 square feet; or
3. Throughout an entire building when an addition or expansion to the existing building exceeds 50% of the existing floor area and the building exceeds 3,600 square feet; or
4. Throughout an entire building which exceeds 3600 square feet when repair of significant structural damage to the existing building (caused by flood, fire or earthquake, for example) requires rebuilding of 50% of the building structure.

**15.32.720 Section 903.4 - Sprinkler System Monitoring and Alarms.:**

Section 903.4 of the fire code is amended to read as follows:

**903.4 Sprinkler System Monitoring and Alarms.** Except for Group R-3 Occupancies, all valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels, water flow switches shall be electronically supervised.

**15.32.730 Section 905.3.1 - Building Height.**

Section 905.3.1 of the fire code is amended to read as follows:

**905.3.1 Building Height.** Class I standpipes shall be installed in buildings three stories or more in height. Approved outlets shall be provided on each floor level. An approved outlet shall be provided on the roof.

**15.32.740 (Reserved.)**

**15.32.750 Section 4714.1 - Defensible Space for Structures and Roads (General).**

Section 4714.1 of the fire code is amended to read as follows:

**4714.1 General.** Persons owning, leasing, controlling, operating or maintaining buildings or structures in, upon or adjoining hazardous fire areas, and persons owning, leasing or controlling land adjacent to such buildings or structures , shall at all times:

1. Maintain an effective fuel break by removing and clearing away flammable vegetation and combustible material from areas within 30 feet of buildings and structures;

Exception: Single specimen trees, ornamental shrubbery or similar plants used as ground covers, provided they do not form a means of rapidly transmitting fire from the native growth to any structure.

2. Maintain a fuel reduction zone by limiting flammable vegetation and combustible material located from 30 feet to 100 feet from buildings or structures;

Exception: Grass and other vegetation located more than 30 feet from the buildings or structures and less than 18 inches in height need not be removed where necessary to stabilize the soil and prevent erosion.

3. Remove portions of trees which extend within 10 feet of the outlet of a chimney;

4. Maintain trees adjacent to or overhanging a building free of deadwood; and

5. Maintain the roof of a structure free of leaves, needles or other dead vegetative growth.

**15.32.760 Section 4714.2 - Roadways.**

Section 4714.2 of the fire code is amended to read as follows:

**4714.2 Roadways.** The fire code official is authorized to cause areas

within 10 feet on each side of portions of all roads, driveways and fire department access roads which are improved, designed or ordinarily used for vehicular traffic to be cleared of flammable vegetation and other combustible growth. The fire code official is authorized to enter upon private property to do so.

Exception: Single specimens of trees, ornamental shrubbery or cultivated ground cover provided they do not form a means of readily transmitting fire.

**15.32.770 Section 4714.3 - Corrective Actions.**

Section 4714.3 of the fire code is amended to read as follows:

**4714.3 Corrective Actions.** The fire code official is authorized to give notice to the owner of the property upon which conditions regulated by Section 4714.1 exist to correct such conditions. If the owner fails to correct such conditions, the fire code official is authorized to cause the same to be done and make the expense of such correction a lien upon the property where such condition exists.

**15.32.780 Appendix Chapter 1, Section 109.3 - Violation penalties.**

Section 109.3 of Appendix Chapter 1 of the fire code is amended to read as follows:

**109.3 Violation penalties.** Persons who shall violate a provision of this code or shall fail violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be subject to penalties as prescribed by law.

**15.32.790 Appendix Chapter 1, Section 111.4 - Failure to comply.**

Section 111.4 of Appendix Chapter 1 of the fire code is amended to read as follows:

**111.4 Failure to comply.** Any person who shall continue any work after having been served with a stop work, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

**15.32.800 Appendix B, Section B103.3 - Areas Without Water Supply Systems.**

Section B103.3 of Appendix B of the fire code is amended to read as follows:

**B103.3 Areas Without Water Supply Systems.** The minimum flow duration, fire flow and storage volume for buildings shall be as specified in Tables B105.2 through B105.4. The fire code official is also authorized to utilize the NFPA 1142 or the International Wildland Urban Interface Code for residential development projects serving more than one parcel or serving multiple buildings on a single parcel.

**15.32.801 Appendix B, Section B103.4 - Alternative Means of Protection.**

Section 103.4 of Appendix B of the fire code is added to read as follows:

**B103.4 Alternative Means of Protection.** Where water supplies for structural and wildfire protection can be delivered by a mobile water supply, large diameter hose, or portable pumps, the Chief may accept an in-lieu-of mitigation fee, as authorized by the Board of Supervisors, for on-site water supplies for fire protection.

**15.32.802 Appendix B, Section B105.1.1 - One and Two Family Dwellings Under 6000 Square Feet and Not Served By a Public Water System.**

Section 105.1.1 of Appendix B of the fire code is added to read as follows:

**B105.1.1 One and Two family Dwellings Under 6000 Square Feet and Not Served By a Public Water System.** The minimum water storage shall be 2,500 gallons of capacity dedicated for fire protection.

Exception: A reduction in fire flow of 50% is allowed when the building is protected with an approved automatic fire sprinkler system.

**15.32.803 Appendix B, Section B105.1.2 - One and Two Family Dwellings Over 6000 Square Feet and Not Served by a Public Water System.**

Section B105.1.2 of Appendix B of the fire code is added to read as follows:

**B105.1.2 One and Two Family Dwellings Over 6000 Square Feet and Not Served by a Public Water System.** The minimum water storage shall be in accordance with Table B105.2.

Exception: A reduction in fire flow of 50% is allowed when the building is protected with an approved automatic fire sprinkler system.

**15.32.804 Appendix B, Section B105.2 - Buildings other than one and two family dwellings.**

Section B105.2 of Appendix B of the fire code is amended to read as follows:

**B105.2 Buildings other than one and two family dwellings.** The minimum fire-flow and flow duration for buildings other than one and two family dwellings shall be as specified in Table B105.1.

Exception: A reduction in required fire flow of up to 50 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system throughout. The resulting fire flow shall not be less than 1,500 gallons per minute for the prescribed duration as specified in Table B105.1.

**15.32.805 Table B105.2 is added – Minimum fire flow.**

Table B105.2 is added to Appendix B of the fire code to read as follows:

**Table B105.2 Minimum Required Fire Flow, Flow Duration, and Storage Volume for Light Fire Hazard Occupancies** including but not limited to Residential



Occupancies, Churches, Colleges, Dormitories, Hospitals, Institutions, Museums, Office Buildings and Schools not served by a Public Water Supply.

Fire Area			Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>2</sup>			
				Non-sprinklered		Sprinklered	
				Fire Flow	Storage Volume	Fire Flow	Storage Volume
Light Fire Hazard Occupancy <sup>1</sup>							
Type of Construction <sup>3</sup>							
I FR, II FR, II-1hr, III- 1hr	II-N, III-N, IV-HT, V- 1hr	V-N	minutes	Gpm <sup>4</sup>	Gallons <sup>4, 5</sup> <sub>2</sub>	Gpm <sup>4</sup> <sub>6</sub>	Gallons <sup>4, 5</sup> <sub>6</sub>
16,800	13,300	12,600	60	200	12,000	200	6,000
25,300	19,970	19,000	60	300	18,000	300	9,000
33,700	26,600	25,300	60	400	24,000	400	12,000
42,100	33,250	31,600	60	500	30,000	500	15,000
50,500	39,920	37,900	60	600	36,000	500	18,000
58,950	46,550	44,200	60	700	42,000	500	21,000
67,400	53,200	50,500	60	800	48,000	500	24,000
75,800	59,850	56,900	60	900	54,000	500	27,000
84,200	66,500	63,200	60	1,000	60,000	500	30,000
105,300	83,100	78,950	60	1,250	75,000	625	37,500
126,300	99,700	94,750	60	1,500	90,000	750	45,000
147,400	116,350	110,500	60	1,750	105,000	875	52,500
168,400	132,950	126,300	60	2,000	120,000	1,000	60,000
189,500	149,600	142,080	60	2,250	135,000	1,125	67,500
210,500	166,200	157,900	60	2,500	150,000	1,250	75,000
231,600	182,800	173,670	60	2,750	165,000	1,375	82,500
252,600 +	199,450	189,500	60	3,000	180,000	1,500	90,000
	216,050	205,250	60	3,250	195,000	1,625	97,500
	232,700	221,050	60	3,500	210,000	1,750	105,000
	249,300	236,850	60	3,750	225,000	1,875	112,500
	265,900	252,600	60	4,000	240,000	2,000	120,000
	282,550	268,450	60	4,250	255,000	2,125	127,500
	299,200	284,200	60	4,500	270,000	2,250	135,000

<sup>1</sup> Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.

<sup>2</sup> Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.

<sup>3</sup> Types of construction based upon the Building Code.

<sup>4</sup> Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.

<sup>5</sup> Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.

<sup>6</sup> Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in-lieu of outside hose stream demand allowance.

**15.32.806 Table B105.3 is added – Minimum fire flow.**

Table B105.3 is added to Appendix B of the fire code to read as follows:

**Table B105.3 Minimum Required Fire Flow, Flow Duration, and Storage Volume for Moderate Fire Hazard Occupancies** including but not limited to Asylums, Hotels, Prisons, Saw Mills, Gas Stations, Lumber Yards, Warehousing of normal combustibles, Wineries and Welding Shops **not served by a Public Water Supply.**

Fire Area  Moderate Fire Hazard Occupancy <sup>7</sup>			Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>8</sup>			
				Non-sprinklered		Sprinklered	
Type of Construction <sup>9</sup>				Fire Flow	Storage Volume	Fire Flow	Storage Volume
I FR, II FR, II-1hr, III- 1hr	II-N, III-N, IV-HT, V- 1hr	V-N	minutes	Gpm <sup>10</sup>	Gallons <sup>4</sup> <sub>11</sub>	Gpm <sup>4</sup> <sub>12</sub>	Gallons <sup>4,5</sup> <sub>6</sub>
11,200	8,850	8,400	60	200	12,000	200	6,000
16,850	13,300	12,650	60	300	18,000	300	9,000
22,450	17,750	16,850	60	400	24,000	400	12,000
28,050	22,150	21,050	60	500	30,000	500	15,000
33,700	26,600	25,250	60	600	36,000	500	18,000
39,300	31,040	29,480	60	700	42,000	500	21,000
44,900	35,450	33,700	60	800	48,000	500	24,000
50,500	39,900	37,900	60	900	54,000	500	27,000
56,150	44,300	42,100	60	1,000	60,000	500	30,000
70,150	55,400	52,650	60	1,250	75,000	625	37,500
84,200	66,500	63,150	60	1,500	90,000	750	45,000
98,250	77,550	73,700	60	1,750	105,000	875	52,500
112,300	88,650	84,200	60	2,000	120,000	1,000	60,000
126,300	99,740	94,750	60	2,250	135,000	1,125	67,500
140,350	110,800	105,250	60	2,500	150,000	1,250	75,000
154,400	121,900	115,800	60	2,750	165,000	1,375	82,500
168,400 +	132,950	126,300	60	3,000	180,000	1,500	90,000
	144,050	136,850	60	3,250	195,000	1,625	97,500
	155,140	147,350	60	3,500	210,000	1,750	105,000
	166,200	157,900	60	3,750	225,000	1,875	112,500
	177,300	168,400	60	4,000	240,000	2,000	120,000
	188,350	178,950	60	4,250	255,000	2,125	127,500

<sup>7</sup> Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.

<sup>8</sup> Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.

<sup>9</sup> Types of construction based upon the Building Code.

<sup>10</sup> Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.

<sup>11</sup> Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.

<sup>12</sup> Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in-lieu of outside hose stream demand allowance.

	<u>199,450</u>	<u>189,480</u>	<u>60</u>	<u>4,500</u>	<u>270,000</u>	<u>2,250</u>	<u>135,000</u>
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**15.32.807 Table B105.4 is added – Minimum fire flow.**

Table B105.4 is added to Appendix B of the fire code to read as follows:

**Table B105.4. Minimum Required Fire Flow, Flow Duration, and Storage Volume for High Fire Hazard Occupancies including but not limited to Aircraft Hangers, Chemical Works or Storage, Explosives Manufacturing, High Piled Combustible Storage, Flammable Liquids Storage, Paint Shops, Pesticide Manufacturing, Storage or Shipping, Warehouses of Combustible/Flammables and other occupancies involving processing, mixing, storage and dispensing flammable and or combustible liquids, not served by a Public Water Supply.**

Fire Area  High Fire Hazard Occupancy <sup>13</sup>  Type of Construction <sup>15</sup>			Fire Flow Duration	Automatic Fire Sprinkler Protection <sup>14</sup>			
				Non-sprinklered		Sprinklered	
				Fire Flow	Storage Volume	Fire Flow	Storage Volume
I FR, II FR, II-1hr, III-1hr	II-N, III-N, IV-HT, V-1hr	V-N	minutes	Gpm <sup>16</sup>	Gallons <sup>4, 17</sup>	Gpm <sup>4, 18</sup>	Gallons <sup>4, 5, 6</sup>
<u>5,600</u>	<u>4,430</u>	<u>4,200</u>	<u>120</u>	<u>200</u>	<u>24,000</u>	<u>200</u>	<u>12,000</u>
<u>8,430</u>	<u>6,650</u>	<u>6,320</u>	<u>120</u>	<u>300</u>	<u>36,000</u>	<u>300</u>	<u>18,000</u>
<u>11,230</u>	<u>8,860</u>	<u>8,430</u>	<u>120</u>	<u>400</u>	<u>48,000</u>	<u>400</u>	<u>24,000</u>
<u>14,030</u>	<u>11,070</u>	<u>10,520</u>	<u>120</u>	<u>500</u>	<u>60,000</u>	<u>500</u>	<u>30,000</u>
<u>16,830</u>	<u>13,300</u>	<u>12,630</u>	<u>120</u>	<u>600</u>	<u>72,000</u>	<u>500</u>	<u>36,000</u>
<u>19,650</u>	<u>15,510</u>	<u>14,740</u>	<u>120</u>	<u>700</u>	<u>84,000</u>	<u>500</u>	<u>42,000</u>
<u>22,470</u>	<u>17,730</u>	<u>16,850</u>	<u>120</u>	<u>800</u>	<u>96,000</u>	<u>500</u>	<u>48,000</u>
<u>25,270</u>	<u>19,950</u>	<u>18,950</u>	<u>120</u>	<u>900</u>	<u>108,000</u>	<u>500</u>	<u>54,000</u>
<u>28,070</u>	<u>22,170</u>	<u>21,050</u>	<u>120</u>	<u>1,000</u>	<u>120,000</u>	<u>500</u>	<u>60,000</u>
<u>35,100</u>	<u>27,700</u>	<u>26,320</u>	<u>120</u>	<u>1,250</u>	<u>150,000</u>	<u>625</u>	<u>75,000</u>
<u>42,100</u>	<u>33,250</u>	<u>31,580</u>	<u>120</u>	<u>1,500</u>	<u>180,000</u>	<u>750</u>	<u>90,000</u>
<u>49,130</u>	<u>38,790</u>	<u>36,850</u>	<u>120</u>	<u>1,750</u>	<u>210,000</u>	<u>875</u>	<u>105,000</u>
<u>56,150</u>	<u>44,330</u>	<u>42,100</u>	<u>120</u>	<u>2,000</u>	<u>240,000</u>	<u>1,000</u>	<u>120,000</u>
<u>63,150</u>	<u>49,860</u>	<u>47,360</u>	<u>120</u>	<u>2,250</u>	<u>270,000</u>	<u>1,125</u>	<u>135,000</u>
<u>70,180</u>	<u>55,400</u>	<u>52,630</u>	<u>120</u>	<u>2,500</u>	<u>300,000</u>	<u>1,250</u>	<u>150,000</u>
<u>77,200</u>	<u>60,950</u>	<u>57,900</u>	<u>120</u>	<u>2,750</u>	<u>330,000</u>	<u>1,375</u>	<u>165,000</u>
<u>84,200 +</u>	<u>66,480</u>	<u>63,150</u>	<u>120</u>	<u>3,000</u>	<u>360,000</u>	<u>1,500</u>	<u>180,000</u>
	<u>72,030</u>	<u>68,430</u>	<u>120</u>	<u>3,250</u>	<u>390,000</u>	<u>1,625</u>	<u>195,000</u>

<sup>13</sup> Fire area in sq. ft. (less than or equal to), for fire hazard occupancy types see Section A-III-A.5.2.1.

<sup>14</sup> Approved automatic sprinkler protection throughout building in accordance with standards NFPA 13 or NFPA 13-R.

<sup>15</sup> Types of construction based upon the Building Code.

<sup>16</sup> Add 10% to fire flow and storage volume if separation between buildings is less than 20 feet.

<sup>17</sup> Fire flow storage volume use shall be limited and dedicated to fire protection, see Section 903.3.1.

<sup>18</sup> Fire flow and storage volume in sprinklered buildings is in addition to the water demand for the sprinkler system and in-lieu of outside hose stream demand allowance.

	<u>77,570</u>	<u>73,690</u>	<u>120</u>	<u>3,500</u>	<u>420,000</u>	<u>1,750</u>	<u>210,000</u>
	<u>83,100</u>	<u>78,950</u>	<u>120</u>	<u>3,750</u>	<u>450,000</u>	<u>1,875</u>	<u>225,000</u>
	<u>88,650</u>	<u>84,200</u>	<u>120</u>	<u>4,000</u>	<u>480,000</u>	<u>2,000</u>	<u>240,000</u>

**SECTION 10.** Chapter 15.34 (Building Conservation Code) of the Napa County

Code is hereby repealed.

**Chapter 15.34**

**BUILDING CONSERVATION CODE**

**Sections:**

**15.34.010** — **Document adopted by reference.**

**15.34.020** — **Board of appeals.**

**15.34.010** — **Document adopted by reference.**

— For the purpose of establishing proper regulations for building construction, the 2001 California Code for Building Conservation, Appendix Chapter 1, and otherwise known as Appendix Chapter 1 of the Uniform Code for Building Conservation, 1997 Edition (hereinafter referred to as the “Building Conservation Code”), published by the International Conference of Building Officials adopted with modifications by the state of California as Title 24, Part 10 of the California Code of Regulations is hereby adopted and made a part of this code by reference, subject to the modifications set forth in this chapter.

**15.34.020** — **Board of appeals.**

— Appeals from decisions of the building official involving the requirements set forth in Appendix Chapter 1 of the Building Conservation Code shall be heard and decided by the unified board of appeals constituted pursuant to Section 15.04.090 and no separate board of appeals shall be created.

**SECTION 11.** Chapter 15.35 (Existing Building Code) is added to the Napa

County Code to read in full as follows:

**Chapter 15.35**

**EXISTING BUILDING CODE**

**Sections:**

**15.34.010** — **Document adopted by reference.**

**15.34.010** — **Document adopted by reference.**

**The 2007 California Existing Building Code, hereinafter referred to as ‘existing building**

code,” which is based on the 2006 International Existing Building Code, adopted with modifications by the state of California as Title 24, Part 10 of the California Code of Regulations, is hereby adopted and made a part of this code by reference.

**SECTION 12.** If any section, subsection, sentence, clause, phrase or word of this ordinance is for any reason held to be invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance. The Board of Supervisors of the County of Napa hereby declares it would have passed and adopted this ordinance and each and all provisions hereof irrespective of the fact that any one or more of said provisions be declared invalid.

**SECTION 13.** This ordinance shall be effective thirty (30) days from and after the date of its passage.

**SECTION 14.** A summary of this ordinance shall be published at least once 5 days before adoption and at least once before the expiration of 15 days after its passage in the Napa Valley Register, a newspaper of general circulation published in the County of Napa,

The foregoing ordinance was introduced and read at a regular meeting of the Board of Supervisors of the County of Napa, State of California, held on the \_\_\_ day of \_\_\_\_\_, 2007, and passed at a regular meeting of the Board of Supervisors of the County of Napa, State of California, held on the \_\_\_ day of \_\_\_\_\_, 2007, by the following vote:

AYES: SUPERVISORS \_\_\_\_\_

\_\_\_\_\_

NOES: SUPERVISORS \_\_\_\_\_

\_\_\_\_\_

ABSTAIN: SUPERVISORS \_\_\_\_\_

\_\_\_\_\_

ABSENT: SUPERVISORS \_\_\_\_\_

\_\_\_\_\_

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**HAROLD MOSKOWITE, CHAIR**  
Napa County Board of Supervisors

ATTEST: GLADYS I. COIL  
Clerk of the Board of Supervisors

By: \_\_\_\_\_

**APPROVED AS TO FORM**  
**Office of County Counsel**  
By: Robert C. Martin, by e-signature  
Deputy County Counsel  
By: Sue Ingalls (by e-signature)  
County Code Services  
Date: October 29, 2007

**APPROVED BY THE NAPA**  
**COUNTY**  
**BOARD OF SUPERVISORS**  
Date: \_\_\_\_\_  
Processed by: \_\_\_\_\_  
Deputy Clerk of the Board