

## APPENDIX E

**South Placer Fire Protection District  
6900 Eureka Road, Granite Bay CA. 95746 (916) 791-7059**

The following are general requirements of the South Placer Fire Protection District for new commercial buildings. These comments are for new commercial buildings only. Plans submitted for approval shall reflect all requirements that apply. All of the following comments shall be printed on a comment sheet attached to the plans submitted for approval. Prior to final approval, all applicable fees must be paid.

### Commercial Building

#### **Fire Safety During Construction, Alteration or Demolition of a Building**

Buildings undergoing construction, alteration or demolition shall be in accordance with **Chapter 33** of the most current California Fire Code.

#### **Address**

The address of the proposed building shall be posted and visible from the roadway fronting the property. Whenever the numbers on the building will not be clearly visible from the access roadway, the numbers will be placed at the access roadway and the driveway. Address numbers shall be visible from both directions of travel on the roadway fronting the property. Said numbers shall be a minimum 4 inch letter height, 1/2 stroke, reflectorized, and contrast with their background, or may be a minimum 5 inches high and contrast with their background. When more than one address or suite numbers are proposed, numbers will be required on the front and back doors of each proposed suite. All numbers will be visible from a distance of at least 100 feet.

#### **Exiting**

Provide approved panic hardware at all required exit doors. Flush, edge or surface bolts or any other type of device that may be used to close or restrain the doors other than operation of the panic hardware-locking device are prohibited. Provide appropriate illuminated exit signs at all required exits. Exit and exit directional signs shall be illuminated per Section 1006, California Building Code.

Provide exits signs at every required exit doorway and wherever otherwise required to clearly indicate that direction of egress, an exit sign with letters having a principal stroke not less than 3/4 inches wide and at least 6 inches high.

**“This Door Shall Remain Unlocked Whenever The Building Is Occupied”** to be labeled above all required exit doors per Section 1008.1.9.3 California Building Code. Letters will be one inch high on a contrasting background.

#### **Fire Alarm Indication Panel**

An approved illuminated indicator board shall be provided at an approved location or locations when more than one building or zone will be monitored at the same site.

#### **Fire Alarm System**

All occupancies except Group R, Division 3 and Group U occupancies shall have an approved automatic fire alarm system installed when the occupancy / building has 1,500 square feet or more of total floor area unless other sections of the CFC or California State Fire Marshals regulations are more restrictive, then the more restrictive shall apply. Fire alarm systems shall be in accordance with Section 907 of the California Fire Code or the current edition of NFPA 72.

Additionally, all A, E, H, I and M occupancies shall have an automatic smoke / heat detection system installed in addition to any other system(s) required by this code, when required by the local authority having jurisdiction. Where additions increase the total size of the building to 1,500 square feet or more, the addition and the existing occupancy / building shall be provided with an approved automatic smoke / heat detection system.

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### **Fire Control Room**

An approved fire control room shall be provided for all buildings protected by an automatic fire extinguishing system. Said room shall contain all system control valves, fire alarm control panels and other fire equipment required by the fire district. Fire Control rooms shall be located within the building at a location approved by the fire district, and shall be provided with a means to access the room directly from the exterior. Durable signage shall be provided on the exterior side of the access door to identify the fire control room. Minimum dimensions of the fire control room shall be five feet by seven feet; provided with a door with a clear width of not less than 32 inches and height of not less than 80 inches. A durable sign shall be affixed to the exterior of the door with the words "FIRE CONTROL ROOM" in letters not less than 3 inches in height. A key box complying with Knox Box shall be installed adjacent to the door.

### **Fire Department Rapid Entry System**

An approved rapid access system shall be provided on all commercial buildings. Buildings equipped with sprinklers, alarm or other system components that will be utilized in the event of an emergency shall install the Knox Box in an approved location by near the FIRE CONTROL ROOM. Knox-Box installation requirements: Maximum height, 6 foot to the top of the Knox-Box; Minimum height, 5 foot to the bottom of the Knox-Box (measured from finished floor elevation). The approved rapid entry system is provided by the Knox Company. The 3200 Series or 4400 Series is acceptable. The recessed version is recommended. Knox Company products may be ordered on the Internet at [www.knoxbox.com](http://www.knoxbox.com).

### **Fire Extinguishers**

Provide and maintain portable fire extinguishers with a minimum rating of 2A10BC. Maximum travel distance to portable fire extinguishers shall not exceed 75 feet. In large open areas, there shall be one extinguisher per 3,000 square feet. The maximum travel distance from laundry rooms shall not exceed 50 feet. One 40BC rated extinguisher shall be provided in each kitchen area. If the kitchen is provided with a Hood Fire Suppression System, the fire extinguisher agent shall be compatible with the extinguishing agent in the Hood System. Fire extinguishers shall be mounted so that the top of the extinguisher is not higher than 5 feet from the ground. Fire extinguishers shall be currently serviced when installed, serviced as required by code, serviced after each use, and inspected every six months.

### **Fire Sprinkler System**

All occupancies except Group U occupancies shall have an approved automatic fire sprinkler system installed when the occupancy / building has 3,600 square feet or more of total floor area unless other sections of the CFC or California State Fire Marshals regulations, and / or local fire district ordinances applicable to a project are more restrictive, then the more restrictive shall apply. Where additions increase the total size of the building to 3,600 square feet or more, the addition and the existing occupancy / building shall be provided with an approved automatic fire sprinkler system.

### **Fire Protection System Alarms**

An approved audible and visual (horn strobe) sprinkler flow alarm device shall be provided on the exterior of the building in an approved location.

### **Fire Department Connections**

With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. Fire department connections shall be located on the street side of buildings, fully visible and recognizable from the street or nearest point of fire department vehicle access. Locking fire department connections caps are required on fire department connections for water-based fire protection systems. A metal sign with raised letters at least 1 inch in size shall be mounted on all fire department connections serving automatic sprinklers, standpipes. Such signs shall read: AUTOMATIC SPRINKLERS or STANDPIPES or TEST CONNECTION or a combination thereof as applicable.

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### **Hood System**

Provide an approved hood extinguishing system for cooking surfaces in all commercial building kitchens per the latest edition of NFPA 96. Two sets of plans and specifications shall be submitted to this office for review and approval before construction.

### **Identification (Hazards and hazardous materials)**

Approved regulatory safety signs that meet the latest edition of NFPA shall identify hazards and hazardous materials. Fire protection devices or other components that will be utilized in the event of an emergency shall be marked in an approved manner; areas to be labeled with 4-inch letters contrasting with the background to assure good visibility.

### **Occupancy**

Maximum occupant load sign must be posted in a conspicuous place near the main exit.

### **Final Plans Accepted**

The final plans shall be approved only when stamped and/or signed by authorized the South Placer Fire Protection District personnel.

### **Commercial Building Final Acceptance**

Final acceptance of the project is subject to inspection and testing from the South Placer Fire Protection District. 72 hour notice required previous to inspection and testing.