



# Corona Fire Department

## General Notes on Plans per 2016 California Fire Code

### PURPOSE

The purpose of this document is to specify the notes required on architectural building and tenant improvement plans reviewed by the Corona Fire Department.

### SCOPE

This information detailed below is required on all plans. Applicants, builders, contractors and responsible parties shall adhere to the notes as shown, unless the Fire Marshal has approved alternate methods.

### REQUIREMENTS

Place the following notes in blue/black line on the plans:

1. Fire Department final inspection required. Schedule inspection 24 hours in advance. Phone (951) 736-2220 to schedule inspections. Any required plan review and/or inspection fees shall be remitted at the Fire Department counter, 735 Public Safety Way, 2<sup>nd</sup> floor, and are independent of fees collected by the Building Department.
2. Locations and classifications of fire extinguishers shall be in accordance with the 2016 edition of the California Fire Code, and placement is subject to the approval of the fire inspector.
3. Storage, dispensing or use of any flammable and combustible liquids, flammable and compressed gases, and other hazardous materials shall comply with the 2013 edition of the California Fire Code.. The storage and use of hazardous materials shall be approved by the Corona Fire Department prior to any materials being stored or used on site. A separate plan submittal and appropriate permit(s) are required prior to the storage and use of hazardous materials and or flammable/combustible liquids.
4. Building(s) are not approved for high-piled stock (materials in closely packed piles or on pallets, or in racks where the top of storage exceeds 12 feet in height, and 6 feet for Group A plastics and certain other high-hazard commodities). High-piled storage plans shall be reviewed and approved, and an appropriate permit issued, by the Corona Fire Department, prior to materials being stored on site. A separate plan submittal is required for high-piled storage in accordance with the 2016 edition of the California Fire Code, Chapter 32.
5. All weather access roads shall be approved by the Corona Fire Department and in place prior to any combustible materials placed on the site per CFC 501.4. Access roads shall be maintained free from any obstructions per CFC 503.4. Parking and/or obstructing emergency vehicle access is subject to citation.

6. Access gates shall be in compliance with the 2016 edition of the California Fire Code, Section 503.6. A separate plan submittal and approval by the Corona Fire Department is required.
7. Plans of new or modifications to existing fire protection, detection, alarm or monitoring systems shall be approved by the Corona Fire Department prior to installation. Plans for new or modifications to existing systems shall be reviewed and approved prior to commencement of any work on the system, per CFC 901.2.
8. When the project involves the construction of a new structure or an addition to an existing structure, plans and documentation for fire department access, hydrant locations, water availability and fire lane markings shall be submitted to and approved by the Corona Fire Department, prior to the approval of architectural plans. A Corona Fire Department approved site plan shall be submitted with the architectural plans, per CFC 501.3.
9. In structures of undetermined use, the minimum fire sprinkler design density required shall be for an Ordinary Hazard, Group 2, and not be less than .2 gpm/1500 sf. A letter of intent may be required from the building owner. Buildings intending to house high-piled combustible storage shall be provided with a fire sprinkler system designed to protect the potential hazard.
10. The installation of HVLS (High Volume, Low Speed) fans in buildings equipped with sprinklers, including ESFR sprinklers, shall comply 2016 NFPA 13, Sections 11.1.7 and 12.1.4, with the following:
  - a. The maximum fan diameter shall be 24 ft.
  - b. The HVLS fan shall be centered approximately between four adjacent sprinklers
  - c. The vertical clearance from the HVLS fan to sprinkler deflector shall be a minimum of 3ft.
  - d. All HVLS fans shall be interlocked to shut down immediately upon receiving a waterflow signal from the alarm system in accordance with the requirements of NFPA 72.
  - e. HVLS fans shall be shown on mechanical plans. They may be shown on architectural and/or reflected ceiling plans at the discretion of the designer.
11. All fire protection/detection systems require a separate submittal and permit for proposed work, prior to installation in accordance with CFC 901.2.
12. Required fire code permits per CFC 105.6 will be applied for and processed prior to final inspection and/or certificate of occupancy. Fire Code Permit Application and all other guidelines are available at the City website [www.discovercorona.com](http://www.discovercorona.com)
13. Addresses shall comply with the 2016 Guideline for Address and Premise Identification, including rooftop addresses where applicable, per CFC 505.
14. A Knox Box shall be installed for any building containing an elevator. Elevator keys shall be provided for the Knox Box prior to issuance of the Certificate of Occupancy, per CFC 506.1.