



# Chino Valley Fire District

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May 13, 2025

**2022-00003067**

CLARK SCHAEFER PARTNERS, LLC  
280 NEWPORT CENTER DR STE 240  
NEWPORT BEACH, CA - California 92660

Project Name: ORBIS COMMERCIAL  
PL22-0074-0075, PL23-0111, PL24-0080-0081  
Project Address: NW CORNER OF EUCLID &  
SCHAEFER AVE, Chino, CA. 91710

It is a recommendation of the Fire District that the developer of every new construction project facilitate a preconstruction meeting. The meeting is to be scheduled with the Fire District Inspector for said project.

The following are the conditions of the above referenced permit/project. All conditions shall be adhered to, failure to comply with said conditions may result in the revocation of said permit and/or punitive fines as outlined in the Fire District fee schedule.

We look forward to a cooperative working relationship throughout the project. Should you have any questions regarding the project, including the conditions as set forth herein, please feel free to contact our office at (909) 902-5280.

## Fire Protection Requirements

- 1.0 THE ITEMS BELOW ARE CONDITIONS OF APPROVAL AND ARE TO BE COMPLETED PRIOR TO RECORDATION:
  - 1.1 Fire access roads shall be designed and plans submitted to the Fire District for approval. Fire access roads shall be constructed of an all-weather hard surface, such as, asphalt or concrete, and be a minimum unobstructed width of 26 feet and minimum clear height of 13'6". The road grade shall not exceed twelve percent (12%) maximum. An approved turn around shall be provided at the end of each roadway in excess of 150 feet in length. Aerial access shall be provided for any buildings 30' ft. and higher per 2019 CFC. Appendix D. A 26' ft. wide access road shall be a minimum of 15' ft. to the building and a maximum of 30' ft. from the building. Access roads shall comply with Fire District Standard No. 111.

- 1.2 The development and each phase shall have two (2) points of vehicular access during construction. Fire District Standard No. 111 shall be complied with.
- 1.3 Water systems shall be designed to meet the required fire flow of this development and be approved by the Community Risk Reduction Division. Buildings in excess of 100,000 square feet shall have a minimum of two (2) connections to a public main. The developer shall furnish the Community Risk Reduction Division with three (3) copies of the water system working plans done by the installing contractor for approval, along with the Fire Flow Availability Form completed by the water purveyor prior to recordation. The required fire flow shall be determined by using the California Fire Code, current adopted edition. For all private systems, the water systems shall comply with Fire District Standard Nos. 101, 102, and 103. In areas without water-serving utilities, fire protection water systems shall be based on NFPA Pamphlet 1231. For water connections and work conducted in the public right of way, please refer to separate plans reviewed and approved by the water purveyor.
- 1.4 Fire hydrants shall be six-inch (6") diameter with a minimum one four-inch (4") and one two and one-half inch (2-1/2") connections. All fire hydrants shall be spaced a maximum of three hundred feet (300') apart. Private water systems shall comply with Fire District Standard Nos. 101, 102, and 114. All hydrants shall be installed with pavement markers to identify their locations.
- 1.5 Access drives which cross property lines shall be provided with CC & R's, access easements or reciprocating agreements and shall be recorded on the titles of affected properties. Copies of the recorded documents shall be provided at the time of Fire District plan review.
- 1.6 Underground fire mains which cross property lines shall be provided with CC & R's, easements, or reciprocating agreements addressing the use and maintenance of the mains and hydrants and shall be recorded on the titles of affected properties. Copies of the recorded documents shall be provided at the time of Fire District plan review.
- 2.0 THE ITEMS BELOW ARE CONDITIONS OF APPROVAL AND ARE TO BE COMPLETED PRIOR TO ISSUANCE OF BUILDING PERMIT:
- 2.1 Fire access roads shall be constructed and approved by the Community Risk Reduction Division prior to combustibles being brought onto the site.
- 2.2 Approved street signs shall be installed prior to issuance of building permits, as well as a job site address.
- 2.3 Fire Protection water systems shall be tested, operational, and approved by the Community Risk Reduction Division prior to combustible materials being brought to the site.
- 2.4 All flammable vegetation shall be removed from each building site for a minimum distance of thirty feet (30') from any flammable building material including all structures.

- 2.5 A detailed site plan of the development is required to be submitted in electronic (pdf.) format. The plan must show and be limited to: locations of property lines, buildings, and equipment and hazards for emergency response purposes. Please refer to Fire District Standard No. 143. Additional or revised files may be required during construction and/or prior to final signoff.
- 2.6 The Developer shall submit, as an electronic file, a drawing of the new streets in pdf format to the Fire District with the building construction plans. Format must contain and be restricted to the following layers: A. Right of way; B. Parcel Lines; C. Street Names; D. Address numbers; E. Fire Hydrants. Additional or revised files may be required during construction and/or prior to final signoff.
- 3.0 THE ITEMS BELOW ARE CONDITIONS OF APPROVAL AND ARE TO BE COMPLETED PRIOR TO OCCUPANCY:
- 3.1 An automatic protection fire sprinkler system is required for all buildings 5,000 sq. ft or greater. and/or when used for allowable area increase, if applicable. This system shall comply with NFPA Standard No. 13 and Fire District Standard No. 110. An electronic/PDF set of detailed plans along with hydraulic calculations and material specifications shall be submitted to the Community Risk Reduction Division. The system shall be installed, tested and approved prior to system final. Fire sprinkler systems shall be installed by a licensed C-16 contractor and the contractor is required to submit a report to The Compliance Engine (TCE).
- 3.1 A residential "life safety" fire sprinkler system is required. The developer shall submit an electronic/PDF set of detailed plans and hydraulic calculations to the Community Risk Reduction Division for approval. The system shall be installed, tested and approved prior to occupancy. The system shall meet the standards of NFPA 13R or 13D and Fire District Standard No.126. Dwellings in excess of 5,000 square feet shall provide calculations of the (4) four most remote sprinkler heads. For NFPA 13R systems, the contractor is required to submit a report to The Compliance Engine (TCE).
- 3.2 An automatic fire alarm system is required. An electronic/PDF set of detailed plans shall be submitted showing the design, system components, signaling devices, fire alarm power supply, control panel and auxiliary devices and functions of the alarm system. Please refer to Fire District Standard No. 133 and current adopted editions of the California Building Code, as well as NFPA Standard 72. The contractor is required to submit a report to The Compliance Engine (TCE).
- 3.3 Approved in-building, two-way emergency responder communication coverage for emergency responders shall be provided in all new buildings, if ERRC evaluation determines the need for installation of system. In-building, two-way emergency responder communication coverage within the building shall be based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. System shall comply with current adopted edition of the California Fire Code, NFPA 70, 72 & 1221 and the contractor is required to submit a report to The Compliance Engine (TCE).
- 3.4 An automatic fixed fire extinguishing system may be required. An electronic/PDF set of detailed plans shall be submitted to the Community Risk Reduction Division for approval.

System shall comply with current adopted edition of the California Fire Code, NFPA Standard 17-A, and UL 300. Please refer to Fire District Standard No. 112. The contractor is required to submit a report to The Compliance Engine (TCE).

- 3.5 Insulated liquid carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall comply with CFC, Section 5307.3.1., and shall be provided with mechanical ventilation or a gas detection system. The contractor is required to submit a report to The Compliance Engine (TCE).
- 3.6 A maximum occupant load sign shall be posted in a conspicuous location near the main entrance/exit of the room, if occupant load is greater than 49 people. Such sign shall be legible.
- 3.7 Hand-held portable fire extinguishers are required to be installed. The location, type and cabinet design shall be approved by the Community Risk Reduction Division.
- 3.8 Smoke and Carbon Monoxide alarms are required to be installed per Section 310 of the California Building Code, current adopted edition. Locations shall be in accordance with code requirements.
- 3.9 Exits, doors, signs and approved path marking shall be installed in accordance with the current adopted edition of the California Building Code, Section 1007
- 3.10 "No Parking - Fire Lane" signs shall be installed in interior access drives at locations designated by the Community Risk Reduction Division. Curbs shall be painted red at locations designated by the Community Risk Reduction Division. Please refer to Fire District Standard No. 121.
- 3.11 An approved recessed Fire Department "KNOX" brand key box is required. The key box shall be located at or near the main entrance(s), and shall be provided with a tamper switch and shall be monitored by an approved central station monitoring service. Please refer to Fire District Standard No. 117.
- 3.12 An approved Knox key switch and/or Knox lock is required on each automatic electric or manual gate that crosses an EVA. All automatic gates shall be provided with a manual override. Fire District Standard No. 116 & 117 shall be complied with.
- 3.13 Commercial, industrial, and multi-family building addresses shall be posted with a minimum eight inch (8") numbers, visible from the street and during the hours of darkness they shall be internally or externally electrically illuminated. Posted numbers shall contrast with the background used and be legible from the street.  
  
Where building set back exceeds 100 feet from the roadway, additional non-illuminated six inch (6") numbers shall be displayed at the property access entrance. These numbers shall also contrast with the background used. Fire District Standard No. 122 must be complied with.
- 3.14 Residential street addresses shall be posted with a minimum of four inch (4") numbers, shall be electrically illuminated (by 12-volt power source only) by internal means during the hours of darkness. Posted numbers shall contrast with the background used and be

legible from the street in accordance with the California Fire Code, current adopted edition. Where building is set back more than 100 feet from the roadway, additional non-illuminated four inch (4") numbers shall be displayed at the property access entrance. These numbers shall also contrast with the background used. Please refer to Fire District Standard No. 122.

- 3.15 An electronic/PDF set of plans shall be submitted separately for each of the following listed items to the Fire District for review, approval and permit prior to any installation or work being done. Approved plans must be maintained at the worksite during construction. Fees are due at the time of submittal.
- a) Building Construction, includes tenant improvement work
  - b) Private (onsite) Underground Fire Protection Water Systems, if applicable
  - c) Fire Sprinkler Systems, designed by C16 contractor or registered engineer
  - d) Fire Alarm Systems or Sprinkler Monitoring Systems designed by a C7, C10 contractor or registered engineer.
  - e) Knox box and/or security gate locations.
  - f) Gas detection systems
  - g) Emergency Responder Radio Coverage Systems

**Applicable Standards:**

**101, 102, 103, 110, 111, 114, 117, 121, 122, 126, 133, 141, 143**

**CVFD Standards available online at <http://www.chinovalleyfire.org>**