

## **Chula Vista Fire Department Standard Operating Guidelines**

Section:29 - Fire Prevention Division – Inspections	Subject: Requirements For New Construction of Homes	OPS: 2916.00
Page: 1 of 2	Origin Date: 04/03/01	Revision Date: 10/27/03

### **PURPOSE**

The purpose of this policy is to maintain communication between developers and the Chula Vista Fire Department regarding requirements for construction projects. The intent is to provide this information at the earliest possible timeframe in order to inform developers and contractors of the required items, which must be in place before combustible materials, can be brought to the site.

### **POLICY**

The Chula Vista Fire Department will require the following items prior to delivery of combustible materials on any construction site:

- Water Supply
- Access
- Street Signs

### **Design and Installation of Fire Department Access Roads for Sales / Model Homes Only**

The California Fire Code, Article 87 requires approved access and water before any combustible materials are placed on a construction site. If residential sale models have been approved for construction, temporary facilities may be designed and installed in accordance with these guidelines.

#### **I. Request for Alternate Materials & Method**

Applicant shall submit a request for the use of “alternate materials and methods.” The letter shall be accompanied by 2 sets of drawings and shall explain the timeframe, and materials to be used for temporary fire access roads. All plans, calculations, and geotechnical reports shall be verified and wet stamped by a professional civil engineer prior to submittal to verify the integrity of the proposed access road.

## **II. Access**

An all-weather, unobstructed, twenty feet (20') wide access roadway shall be provided.

The entrance and all turns shall be designed to permit access by fire apparatus (turning radius and turnarounds shall comply with Chula Vista Fire Department Guidelines for Fire Apparatus Access Roads). If the length of access exceeds 150', an approved turnaround shall be provided.

## **III. Water Supply**

Aboveground invasion lines are acceptable when an approved means of securing the line in place and protection from vehicular damage is provided. An invasion line may be underground if the depth of bury can support the weight of a fire apparatus (70,000 gww). The temporary water line must provide the required fire flow calculation per CFC Appendix III-B.

A. The pipe shall be listed for fire service systems.

B. Fire hydrants shall consist of a minimum 6" barrel with one 2-1/2" outlet and a 4" outlet.

The City of Chula Vista Fire Department and Engineering Department will review each proposal. The Engineering Department will forward a recommendation to the Fire Marshal on the adequacy of the road. The final decision will be made by the Fire Marshal. Any roads approved by the Fire Department must be maintained and repaired upon request of the Fire Department.

## **IV. Inspection**

Once plans are approved and the system is installed for temporary access roads, water, and street signs call for inspection from the Fire Prevention Division at 619-691-5055.

**No production units shall be constructed without permanent streets and fire hydrants installed.**

## **PROCEDURE**

The assigned Fire Inspector will verify that the above-mentioned items are in place prior to delivery of combustible materials on the site. If any of the above-mentioned items are not in place upon delivery of combustible materials a stop work notice will be issued immediately. In addition, a notice will be placed in the Permits Plus database alerting Building inspectors to deny further inspections until requirements have been met and inspected by the Fire Department.