

**REDWOOD CITY FIRE DEPARTMENT  
FIRE PREVENTION BUREAU**

PLAN REVIEW COMMITTEE

COMMENTS AND RECOMMENDATIONS  
FOR  
**LAUREL WAY**

January 13, 2009

Building materials, systems and/or assemblies used in the exterior design and construction of new buildings located within a Very High Fire Hazard Severity Zone shall be in compliance with *California Building Code* Chapter 7A. This undeveloped portion of Laurel Way is located within a Very High Fire Severity Zone.

September 25, 2007

- An approved automatic fire sprinkler system shall be installed in all new Group R, Division 3 occupancy dwellings and structures. (Ordinance 2242)
- A minimum one-inch sized water service and meter shall be provided for each lot.
- The required fire flow at the minimum residual pressure of 20 psi shall be required. (UFC Appendix III-A)

**The minimum fire flow and flow duration requirements for one- and two-family dwellings having a fire area which does not exceed 3,600 square feet shall be 1,000 gallons per minute for two hours. A reduction in required fire flow of 50 percent, as approved, is allowed when the dwellings are provided with an approved automatic fire sprinkler system.**

- The minimum number of fire hydrants and spacing requirements available to the building shall not be less than that listed in Uniform Fire Code Appendix III-B.

**The maximum distance from any point on the street or road frontage to a fire hydrant is 250 feet.**

- The new cul-de-sac shall meet the design requirements of Redwood City Engineering Standard Detail A-5.
- All materials applied as roof-covering shall have a fire retarding rating of Class A or B, treated in accordance with *Uniform Building Code* Standard 15-2. (Ordinance 2241)