

Meeting Date: 10/21/14 (4)

ORDINANCE NO.10356 (N.S.)

AN ORDINANCE AMENDING CHAPTER 1 OF DIVISION 6 OF TITLE 9 OF
THE SAN DIEGO COUNTY CODE RELATING TO THE COUNTY FIRE CODE

The Board of Supervisors of the County of San Diego ordain as follows:

Section 1. The Board of Supervisors finds and determines that this ordinance will fix typographical errors and make minor revisions to Title 9, Division 6, Chapter 1 related to the County Fire Code.

Section 2. Amend section 96.1.503.1.2 to read as follows:

Sec. 503.1.2 Additional access. The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access. When additional fire apparatus access roads are necessary as mitigation for the exceedance of the maximum allowable dead-end road length, the additional fire apparatus access road must be remote from the primary fire apparatus access road.

Section 3. Amend section 96.1.503.2.3 to read as follows:

Sec. 503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus (not less than 75,000 lbs. unless authorized by the fire code official) and shall be provided with an approved paved surface so as to provide all-weather driving capabilities. The paving and sub-base shall be installed to the standards specified in the County of San Diego Parking Design Manual. A residential driveway constructed of 3½" Portland cement concrete may be installed on any slope up to 20% provided that slopes over 15% have a deep broom finish perpendicular to the direction of travel to enhance traction. The fire code official may allow a surfacing material of 4 inches of decomposed granite on fire apparatus access roads with a slope of 10 percent or less in areas allowed by the San Diego County Standards for Private Roads.

Section 4. Amend section 96.1.503.2.8 to read as follows:

Sec. 503.2.8 Roadway turnouts. When required by the fire code official, turnouts shall be a minimum of 12 feet wide and 30 feet long with a minimum 25 foot taper on each end.

Exception: The minimum width of the turnout may be reduced to 10 feet wide when the fire code official determines the reduction does not impair access by fire apparatus.

Section 5. Amend section 96.1.503.4.1 to read as follows:

Sec. 503.4.1 Traffic calming devices. Traffic calming devices (including, but not limited to, speed bumps, speed humps, speed control dips, etc.) shall be prohibited unless approved by the fire code official.

Section 6. Amend the following subsections of section 96.1.8001 to read as follows:

7.1.5 Pressure-regulating valve. When available system water pressure exceeds 150 psi, a pressure-regulating valve acceptable to the FAHJ shall be installed before the system riser. Such valves shall be adjusted to restrict the outlet pressure to a maximum of 150 psi at any flow or no flow. When such valves are installed submittal documents must include manufacturer information sheets along with charts showing the dimensions (size) and flow characteristics inlet and outlet pressures at various flows for the type of valve being installed, and the valve shall be included in the design calculations.

Exception: At the discretion of the FAHJ the contractor may install an acceptable pressure relief valve, piped to the system main drain, set to relieve the pressure at 175 psi, provided the available supply pressure does not exceed 175 psi.

7.3.3 Pressure gauge. An approved 300 psi pressure gauge shall be permanently installed at the riser.

7.6 Alarms. A water flow switch shall be provided and located on the sprinkler riser above the check valve and main drain and shall actuate an audible fire alarm signal bell. The water flow switch shall be a retarding type with a delay between 15-60 seconds before activation of the signal bell. Alarm bell shall have a minimum diameter of 8 inches and be mounted on the exterior in the vicinity of the master bedroom. The alarm bell shall be clearly audible in all bedrooms with intervening doors closed.

8.3.4. Sprinklers may be omitted from carports and open attached porches. However, attached garages shall be protected with intermediate temperature rated sprinklers. Sprinkler heads in garages shall be protected against mechanical damage by approved guards, unless recessed heads are provided. Garage doors may be disregarded in the layout of the fire sprinkler system.

10.2.4.1 3-Head Calculation. When design conditions exceed the allowances of sec. 10.2, a 3-head calculation may be required by the FAHJ.

Section 7. This ordinance shall take effect and be in force thirty days after its passage, and before the expiration of fifteen days after its passage, a summary hereof shall be published once with the names of the members of this Board voting for and against it in the San Diego Commerce, a newspaper of general circulation published in the County of San Diego.

PASSED, APPROVED, AND ADOPTED by the Board of Supervisors of the County of San Diego this 21st day of October, 2014.