



## California State Fire Marshal CODE INTERPRETATION

Date Issued	June 8, 2010	Interpretation	10-026
Topic	Increase in area if sprinklered		
Code Section(s)	<b>2007 California Building Code section 506.3</b>		
Requested by	PK Architects Charles Gilliatt, Architect 1333 West Broadway Road, Suite #101 Tempe, AZ 85282 (602) 283-1620 (602) 283-1621 Fax <a href="mailto:charles@pkarchitects.net">charles@pkarchitects.net</a>		

Please find below our interpretation request for section 506.3 of the 2007 California Building Code.

Section 506.3 states in short “the area limitation in Table 503 is permitted to be increased by an addition 200 percent ( $I_s = 2$ ) for buildings with no more than one story above grade plane and an additional 300 percent ( $I_s = 3$ ) for buildings with no more than one story above grade plane. *In other than high-rise buildings, Group A, E, H, I, L, and R occupancies or other applications listed in 111...* State Fire Marshal, these increases are permitted in addition to the height and story increases in accordance with Section 504.2”.

Does this statement mean that the sprinkler increase of 2 in a multi-story building and 3 in single story buildings is allowed in all buildings that are not defined as a high rise determined by 403?

**No, the provisions contained in Section 506.3 allow area increases for all occupancies with an automatic sprinkler system installed in accordance with 903.3.1.1 except those that are specifically prohibited by the exceptions 1 through 4. However, for high-rise building or those specified**

**occupancies listed in 506.3 (*Group A, E, H, I, L, and R occupancies*) the area increases are not permitted where an automatic sprinkler system has been installed for height increases in accordance with 504.2.**