

## 780 CMR 5.00 GENERAL BUILDING HEIGHTS AND AREAS

### 504.2 Automatic Sprinkler System Increase.

Where a building is equipped throughout with an approved automatic sprinkler system in accordance with 780 CMR 903.3.1.1, the value specified in Table 503 for maximum height is increased by 20 feet (6096 mm) and the maximum number of stories is increased by one story. These increases are permitted in addition to the area increase in

accordance with 780 CMR 506.2 and 506.3. **Although approved automatic sprinkler systems in accordance with Section 903.3.1.2 are allowed in Use Group R buildings, Section 903.2.8 requires that for Use Group R buildings with an aggregate building area of 12,000sf or more, the sprinkler system shall be designed and installed in accordance with NFPA 13 (903.3.1.1) On this basis, for ~~For~~**

**Group R buildings equipped throughout with the required, an** approved automatic sprinkler system ~~in accordance with 780 CMR 903.3.1.2~~, the value specified in Table 503 for maximum height is increased by 20 feet (6096 mm) and the maximum number of stories is increased by one story, but shall not exceed four stories or 60 feet (18 288 mm), respectively.

#### Exceptions:

1. Group I-2 of Type IIB, III, IV or V construction.
2. Group H-1, H-2, H-3 or H-5.
3. Fire-resistance rating substitution in accordance with Table 601, Note d.

**4. High rise buildings in accordance with 780 CMR 403.**

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### 506.2 Frontage Increase.

*SEE SEPARATE PDF FILE FOR CORRECTIONS TO EQUATION 5-2.*