

APPENDIX P
FIRE SPRINKLER SYSTEMS

The provisions of this appendix are not mandatory unless specifically adopted by the local governing authority having jurisdiction.

AP101 Fire sprinklers. An approved automatic fire sprinkler system shall be installed in new one- and two-family dwellings and townhouses in accordance with NFPA 13D.

Will this proposal add to the cost of construction? Yes [] No []

Explain total economic impact for added cost or savings in REASON. **Provide a fiscal analysis of any increase in cost.**

Approximately \$1 to \$2 per square foot of a new home.

REASON:

In lieu of a size or height restriction within the residential code, this section addresses homes that are larger or taller than what is considered an average home. Code sections within the existing residential code are promulgated on the concept that persons can easily escape average size homes. However based on recent events, escape from the homes not meeting the exception listed above are shown to take longer than average times and means to extend this time has been proven effective with a sprinkler system.

Appendix P allows for jurisdictions to adopt residential sprinklers locally. While safety is a strong factor, this provision paves the way to allow jurisdictions to approve larger subdivisions served by a single vehicle access, modify required fire flows (water provided for a fire) and other elements addressed by the code that expedite fire response.

Signature _____

DATE: _____

BCC CODE CHANGES
FORM 7/29/04

INSTRUCTIONS

Each proposed Code change request shall comply with the following rules:

Rule 1: Twenty-one (21) copies of the proposed amendment with supporting documentation shall be filed with the Building Code Council Secretary.

Rule 2: The filing shall be received by **January 1**, for the March Standing Committee Meetings and June Council Meeting, and **July 1** for the September Standing Committee Meetings and December Council Meeting.

Rule 3: Each request shall be legibly printed, typewritten, or copied on this form and shall contain the following:

(1) The proposed amendment must be set forth in full and contain explicit reference to the affected section or sections of the Code.

- (2) The request shall state the reasons for the proposed amendment with supporting documentation. Provide a fiscal analysis.
- (3) The proposed amendment shall comply with the standards set forth in G. S. 143-138(c) as reprinted in "*North Carolina State Building Code, Volume IA - Administration and Enforcement Requirements*" and reference to the particular standards shall be set forth in the request for the amendment.
- (4) The proposed amendment shall contain an economic impact analysis as required by General Statute 143-138(a).

Rule 4: When a request is improperly filed or not in accordance with all the rules listed above, the Building Code Council Secretary shall reject the submittal and notify the applicant of the proper procedure to follow.

Rule 5: Upon the proper filing of a request, the Building Code Council Secretary shall assign the request to the appropriate committee, and forward one copy of the request to each committee member not less than fifteen (15) days prior to the scheduled committee meeting. The Building Code Council Secretary shall notify, in writing, the parties requesting the proposed amendment of the place and time of the committee meeting not less than fifteen (15) days prior to the scheduled meeting.

Rule 6: The Council shall hold a public hearing on the requested Code change and shall recommend either:

- (1) APPROVAL,
- (2) APPROVAL AS REVISED,
- (3) DISAPPROVED, or
- (4) FURTHER STUDY
- (5) FORWARD WITHOUT RECOMMENDATION

The provisions of any amendment which have been approved by both the Building Code Council and the Rules Review Commission shall be accepted by the Code Enforcement Official as an alternate method of construction prior to the effective date if requested by the owner or his agent.

The minutes and agenda of the Building Code Council meetings are posted at www.ncdoi.com. Click on the Office of the State Fire Marshal, OSFM Divisions, Engineering Division, North Carolina Building Code Council.