



APPENDIX C CODE CHANGE PROPOSAL NORTH CAROLINA BUILDING CODE COUNCIL

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Petition for Rule Making

Item Number _____

Granted by BCC _____

Adopted by BCC _____

Approved by RRC _____

Denied by BCC _____

Disapproved by BCC _____

Objection by RRC _____

PROPOSER: Carl Martin PHONE: (919) 888-0284

REPRESENTING: NC DOI

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North Carolina State Building Code, Volume Building Code - Section 3006.3

CHECK ONE: Revise section to read as follows: Delete section and substitute the following:
 Add new section to read as follows: Delete section without substitution:

~~LINE THROUGH MATERIAL TO BE DELETED~~

UNDERLINE MATERIAL TO BE ADDED

Please type. Continue proposal or reason on plain paper attached to this form. See reverse side for instructions.

3006.3 Hoistway opening protection. Where Section 3006.2 requires protection of the elevator hoistway door opening, the protection shall be provided by one of the following:

1. An enclosed elevator lobby shall be provided at each floor to separate the elevator hoistway *shaft enclosure* doors from each floor by fire partitions in accordance with Section 708. In addition, doors protecting openings in the elevator lobby enclosure walls shall comply with Section 716.5.3 as required for *corridor* walls. Penetrations of the enclosed elevator lobby by ducts and air transfer openings shall be protected as required for *corridors* in accordance with Section 717.5.4.1.
2. An enclosed elevator lobby shall be provided at each floor to separate the elevator hoistway *shaft enclosure* doors from each floor by smoke partitions in accordance with Section 710 where the building is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2. In addition, doors protecting openings in the *smoke partitions* shall comply with Sections 710.5.2.2, 710.5.2.3 and 716.5.9. Penetrations of the enclosed elevator lobby by ducts and air transfer openings shall be protected as required for *corridors* in accordance with Section 717.5.4.1.
3. Additional doors shall be provided at each elevator hoistway door opening in accordance with Section 3002.6. Such door shall comply with the smoke and draft control door assembly requirements in Section 716.5.3.1 when tested in accordance with UL 1784 without an artificial bottom seal and contain a vision panel as allowed by Table 716.5. The door shall not be installed in a way that affects the fire-resistance-rating or operation of the normal elevator shaft doors.
4. The elevator hoistway shall be pressurized in accordance with Section 909.21.

Will this proposal change the cost of construction? Decrease Increase No
Will this proposal increase to the cost of a dwelling by \$80 or more? Yes No

Will this proposal affect the Local or State funds? Local State No
Will this proposal cause a substantial economic impact (\geq \$1,000,000)? Yes No

- Non-Substantial – Provide an economic analysis including benefit/cost estimates.
- Substantial – The economic analysis must also include 2-alternatives, time value of money and risk analysis.
- Pursuant to §143-138(a1)(2) a cost-benefit analysis is required for all proposed amendments to the NC Energy Conservation Code. The Building Code Council shall also require same for the NC Residential Code, Chapter 11.

REASON: The addition of the vision panel is required by the Elevator Division of NC DoL to provide emergency responders the opportunity to see what is happening on a floor before opening the smoke and draft control door and exposing the elevator shaft to possible smoke and hot gases.

Signature:  Date: 7/21/2021

BCC CODE CHANGES
FORM 11/26/19