



DEPARTMENT OF ADMINISTRATIVE SERVICES

PROPOSED CHANGE OF THE CONNECTICUT STATE BUILDING CODE AND FIRE SAFETY CODE

DATE SUBMITTED: _____

CODE INFORMATION

Proposed change to: Building Code Fire Safety Code

Code section(s): _____

PROPONENT INFORMATION

Name: _____ Representing: _____

Telephone: _____ Email: _____

Address: _____
Street Address Town State Zip Code

PROPOSAL INFORMATION

Description of change and reason for change (attach additional information as needed):

Proposed text change, addition or deletion (attach additional information as needed):

Supporting data and documents (attach additional information as needed)

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This Comment is not original material, its source (if known) is as follows: (such as material / code development proposal from a prior development cycle or proposal submitted to model code committee etc.)

I would like to make an in-person presentation of my proposal.

Release

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Proponent's Signature

Printed Name

PLEASE EMAIL (PREFERRED) TO DAS.CodesStandards@CT.GOV OR MAIL OR FAX (SEE BELOW)

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12/29/16

Re: Section 1026.2 Separation

The IBC and IFC permit protected floor openings to penetrate 2-hour horizontal fire barriers that form horizontal exit refuge areas. A protected floor opening can be a two-story communicating floor opening in a non-sprinkler protected building (Section 712.1.9) or a 4-story communicating floor opening in a sprinkler protected building (Section 1019.3 Exception 4).

In a building utilizing horizontal exits, up to one-half of the number of required exits and up to one-half of the required egress capacity traditionally provided at a story downward to grade by enclosed exit stairs can be eliminated and provided by the horizontal exit(s). This is based on relocating occupants from one side of the 2-hour barrier to a refuge area on the other side where they can wait their turn to use the stairs. It makes no sense to allow the relocation on a floor above the fire when there is an unenclosed floor opening potentially between the fire area and fire area with increased number of occupants.

Following is the proposed change.

1026.2 Separation. The separation between buildings or refuge areas connected by a *horizontal exit* shall be provided by a *fire wall* complying with Section 706; or by a *fire barrier* complying with Section 707 or a *horizontal assembly* complying with Section 711, or both. The minimum *fire-resistance rating* of the separation shall be 2 hours. Opening protectives in *horizontal exits* shall also comply with Section 716. Duct and air transfer openings in a *fire wall* or *fire barrier* that serves as a *horizontal exit* shall also comply with Section 717. The *horizontal exit* separation shall extend vertically through all levels of the building unless floor assemblies have a *fire-resistance rating* of not less than 2 hours and do not have ~~unprotected~~ **UNENCLOSED FLOOR** openings.