

## PROPOSED CHANGE

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## MODIFICATION PROPOSÉE

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### Comment

### Commentaires

Document	NBC 2005	Document
Provision	3.1.8.12.(2) to (4)	Exigence
Committee	Fire Protection • Protection contre le feu Use and Egress • Usage et des moyens d'évacuation des bâtiments Housing and Small Buildings • Maisons et petits bâtiments	Comité
Minutes	2005-III-1,2 TG-Residential Care Facilities; 2005-4.6.7. Standing Committee on FP; 2005-5.6.6. Standing Committee on UE and 2005-05 Standing Committee on HSB	Procès-verbaux

### EXISTING PROVISION

#### 3.1.8.12. Hold-Open Devices

**1)** A hold-open device is permitted on a door in a required *fire separation*, other than an *exit* door in a *building* more than 3 *storeys* in *building height*, and on a door for a vestibule required by Article 3.3.5.7., provided the device is designed to release the door in conformance with Sentences (2), (3) and (4).

**2)** Except as required by Sentence (3), a hold-open device permitted by Sentence (1) shall be designed to release by a signal from

- a) an automatic sprinkler system,
- b) a heat-actuated device, or
- c) a *smoke detector* located as described in Appendix B of NFPA 80, "Fire Doors and Fire Windows."

**3)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from a *smoke detector* located as described in Appendix B of NFPA 80, "Fire Doors and Fire Windows," if used on

- a) an *exit* door,
- b) a door opening into a *public corridor*,
- c) an *egress* door referred to in Sentence 3.4.2.4.(2),
- d) a door serving
  - i) an *assembly occupancy*,
  - ii) a *care* or *detention occupancy*, or
  - iii) a *residential occupancy*, or
- e) a door required to function as part of a smoke control system.

**4)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from the *building* fire alarm system if a fire alarm system is provided, except that this requirement does not apply to

- a) a hold-open device on a door located between a corridor used by the public and an adjacent sleeping room in a hospital or nursing home, or
- b) a hold-open device that is designed to release by a heat-actuated device in conformance with Sentence (2).

### PROPOSED CHANGE as submitted for Public Review in 2008

Replace Sentences 3.1.8.12.(3) and (4) as follows:

Other Code Provisions Affected: None

#### 3.1.8.12. Hold-Open Devices

**3)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from a *smoke detector* located as described in NFPA 80, "Fire Doors and Other Opening Protectives," if used on

- a) an *exit* door,
- b) a door opening into a *public corridor*,
- c) an *egress* door referred to in Sentence 3.4.2.4.(2),
- d) a door serving

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- i) an *assembly occupancy*,
- ii) a ~~care or detention~~ *occupancy*, or
- iii) a *treatment occupancy*,
- iv) a *detention occupancy*, or
- ~~iii) a *residential occupancy*, or~~
- e) a door required to function as part of a smoke control system.

- 4)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from the *building* fire alarm system if a fire alarm system is provided, except that this requirement does not apply to
- a) a hold-open device on a door located between a corridor used by the public and an adjacent sleeping room in a ~~hospital or nursing home~~ *treatment occupancy*, or

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### PROPOSED CHANGE accepted and then revised and re-submitted for Public Review in 2009

Replace Clause (2)(c) and Sentence (3) as follows:

**Other Code Provisions Affected: None**

#### 3.1.8.12. Hold-Open Devices

**2)** Except as required by Sentence (3), a hold-open device permitted by Sentence (1) shall be designed to release by a signal from

- a) an automatic sprinkler system,
- b) a heat-actuated device, or
- c) a *smoke detector* located as described in ~~Appendix B of NFPA 80, "Fire Doors and Fire Windows,"~~ CAN/ULC-S524, "Installation of Fire Alarm Systems."

**3)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from a *smoke detector* located as described in ~~NFPA 80, "Fire Doors and Fire Windows,"~~ CAN/ULC-S524, "Installation of Fire Alarm Systems," if used on

- a) an *exit* door,
- b) a door opening into a *public corridor*,
- c) an *egress* door referred to in Sentence 3.4.2.4.(2),
- d) a door serving
  - i) an *assembly occupancy*,
  - ii) a *care occupancy*,
  - iii) a *treatment occupancy*
  - iv) a *detention occupancy*, or
  - v) a *residential occupancy*, or
- e) a door required to function as part of a smoke control system.

- 4)** A hold-open device permitted by Sentence (1) shall be designed to release upon a signal from the *building* fire alarm system if a fire alarm system is provided, except that this requirement does not apply to
- a) a hold-open device on a door located between a corridor used by the public and an adjacent sleeping room in a *treatment occupancy*, or

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## RATIONALE

### Problem

The reference to NFPA 80 is no longer correct as NFPA 80 does not address detector location. This reflects a change already made to this Article.

### Justification - Explanation

Reference to CAN/ULC-S524 is appropriate in this application.

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### Cost implications

None.

### Enforcement implications

None.

### Who is affected

Designers, builders, developers, regulatory officials, community service organizations.

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### OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION

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**Provision:** 3.1.8.12.(2)

**Analysis:** Unchanged from 2008

**Attributions**

**Objective**

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### OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION

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**Provision:** 3.1.8.12.(3)

**Analysis:** Unchanged from 2008

**Attributions**

**Objective**

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### OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION

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**Provision:** 3.1.8.12.(4)

**Analysis:** Unchanged from 2008

**Attributions**

**Objective**

[Comment](#)

[Commentaires](#)