

2004/2005 ICC CODE DEVELOPMENT CYCLE FINAL ACTION ON ALL PROPOSED CODE CHANGES

Revised 1/16/06 (1 revision)

The following is a comprehensive list of final actions on the 2004/2005 Proposed Changes to the ICC International Codes® considered at the Final Action Hearings held in conjunction with the ICC Annual Conference held in Detroit, Michigan, September 25 through October 3, 2005. Approved changes from the 2003/2005 Code Change Cycle and the 2004/2005 Code Change Cycle will be published in the 2006 Editions of the *International Codes*.

LEGEND:	AS	Approved as Submitted
	D	Disapproved
	AM	Approved as Modified by the Code Committee
	AMPC	Approved as Modified by a Public Comment
	WP	Withdrawn by Proponent
	Scoping	Approved Scoping Modification

<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>	<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>	<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>
INTERNATIONAL BUILDING CODE					
FIRE SAFETY					
FS1-04/05	D	FS28-04/05	AS	FS58-04/05	D
FS2-04/05	AMPC1	FS29-04/05	AM	FS59-04/05	D
FS3-04/05	D	FS30-04/05	D	FS60-04/05	D
FS4-04/05, Part I	D	FS31-04/05	AS	FS61-04/05	D
FS4-04/05, Part II	D	FS32-04/05	AS	FS62-04/05	D
FS5-04/05	AS	FS33-04/05	AMPC1	FS63-04/05	D
FS6-04/05	WP	FS34-04/05	WP	FS64-04/05	D
FS7-04/05	AM	FS35-04/05	AMPC1	FS65-04/05	AS
FS8-04/05	D	FS36-04/05	D	FS66-04/05	D
FS9-04/05	D	FS37-04/05	AM	FS67-04/05	D
FS10-04/05	D	FS38-04/05	D	FS68-04/05	D
FS11-04/05	AS	FS39-04/05	AS	FS69-04/05	D
FS12-04/05	D	FS40-04/05	WP	FS70-04/05	D
FS13-04/05	D	FS41-04/05	AM	FS71-04/05	AS
FS14-04/05	D	FS42-04/05	D	FS72-04/05	D
FS15-04/05	AS	FS43-04/05	D	FS73-04/05	AS
FS16-04/05	D	FS44-04/05	WP	FS74-04/05	D
FS17-04/05	AM	FS45-04/05	D	FS75-04/05, Part I	AM
FS18-04/05	D	FS46-04/05	AM	FS75-04/05, Part II	AS
FS19-04/05	D	FS47-04/05	WP	FS76-04/05, Part I	AM
FS20-04/05	D	FS48-04/05	AS	FS76-04/05, Part II	AS
FS21-04/05	D	FS49-04/05	D	FS77-04/05, Part I	D
FS22-04/05	D	FS50-04/05	AS	FS77-04/05, Part II	AM
FS23-04/05	D	FS51-04/05	D	FS78-04/05	WP
FS24-04/05	D	FS52-04/05	AMPC6	FS79-04/05, Part I	AS
FS25-04/05	D	FS53-04/05	WP	FS79-04/05, Part II	AS
FS26-04/05	AS	FS54-04/05	AS	FS80-04/05, Part I	AS
FS27-04/05	AMPC1	FS55-04/05	D	FS80-04/05, Part II	AS
		FS56-04/05	WP	FS81-04/05, Part I	AS
		FS57-04/05	AS	FS81-04/05, Part II	AS

<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>	<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>	<u>CODE CHANGE NO.</u>	<u>FINAL ACTION</u>
E44-04/05	D	E88-04/05	D	E134-04/05	D
E45-04/05	AS	E89-04/05	D	E135-04/05	AS
E46-04/05	D	E90-04/05	AS	E136-04/05	D
E47-04/05, Part I	D	E91-04/05	D	E137-04/05	AMPC1
E47-04/05, Part II	D	E92-04/05	WP	E138-04/05	D
E48-04/05, Part I	D	E93-04/05	D	E139-04/05	D
E48-04/05, Part II	D	E94-04/05	D	E140-04/05	D
E49-04/05	AS	E95-04/05	D	E141-04/05	D
E50-04/05, Part I	AS	E96-04/05	D	E142-04/05	D
E50-04/05, Part II	AM	E97-04/05	D	E143-04/05	AS
E51-04/05	D	E98-04/05	D	E144-04/05	D
E52-04/05	D	E99-04/05	D	E145-04/05	D
E53-04/05	AM	E100-04/05	AM	E146-04/05	AMPC1
E54-04/05	AM	E101-04/05	D	E147-04/05	AS
E55-04/05	D	E102-04/05	D	E148-04/05	D
E56-04/05	D	E103-04/05	AS	E149-04/05	D
E57-04/05	AS	E104-04/05	D	E150-04/05	D
E58-04/05	D	E105-04/05	D	E151-04/05	AM
E59-04/05	WP	E106-04/05	AS	E152-04/05	D
E60-04/05	D	E107-04/05	AM	E153-04/05	AS
E61-04/05	D	E108-04/05	D	E154-04/05	D
E62-04/05	AS	E109-04/05	AS	E155-04/05	D
E63-04/05	AS	E110-04/05	AS	E156-04/05	AMPC1
E64-04/05	AS	E111-04/05	D	E157-04/05	AMPC1
E65-04/05	D	E112-04/05	AS	E158-04/05	D
E66-04/05	D	E113-04/05	D	E159-04/05	AS
E67-04/05	AM	E114-04/05	AS	E160-04/05	AM
E68-04/05	D	E115-04/05	D	E161-04/05	AS
E69-04/05, Part I	D	E116-04/05	D	E162-04/05	D
E69-04/05, Part II	D	E117-04/05	AS	E163-04/05	AS
E70-04/05	AMPC1	E118-04/05	AS	E164-04/05	D
E71-04/05	AM	E119-04/05	AS	E165-04/05	AM
E72-04/05	AMPC1	E120-04/05	D	E166-04/05	D
E73-04/05	D	E121-04/05	D	E167-04/05	D
E74-04/05	AS	E122-04/05	D	E168-04/05	D
E75-04/05	AM	E123-04/05	D	E169-04/05	AM
E76-04/05	D	E124-04/05	D	E170-04/05	D
E77-04/05	WP	E125-04/05	D	E171-04/05	D
E78-04/05	D	E126-04/05	AM	E172-04/05	D
E79-04/05	D	E127-04/05	AS	E173-04/05	D
E80-04/05	D	E128-04/05	AM	E174-04/05	D
E81-04/05	D	E129-04/05, Part I	AS	E175-04/05	AMPC1
E82-04/05	AS	E129-04/05, Part II	AMPC1	E176-04/05	D
E83-04/05	D	E130-04/05	D	E177-04/05	AS
E84-04/05	AM	E131-04/05	D	E178-04/05	AS
E85-04/05	D	E132-04/05, Part I	D	E179-04/05	AS
E86-03/04	D	E132-04/05, Part II	D	E180-04/05	AS
E87-04/05	AS	E133-04/05	D	E181-04/05	AS
				E182-04/05	AS
				E183-04/05	D

Public Comment:

Gary Lampella, City of Tigard, Oregon, representing Oregon Building Officials Association, requests Approval as Modified by this public comment.

Modify proposal as follows:

1013.2.1 Multiple tenants. Where more than one tenant occupies any one floor of a building or structure, each tenant space, dwelling unit and sleeping unit shall be provided with access to the required exits without passing through adjoining tenant spaces, dwelling units and sleeping units.

Exception: Means of egress shall not be prohibited through an adjoining tenant space where such rooms or spaces occupy less than 10% of the area of the tenant space through which they pass, are of the same or similar occupancy group, a discernable path of egress travel to an exit is provided, and the means of egress into the adjoining space is not subject to locking from the egress side. A required means of egress serving the larger tenant space shall not pass through the smaller tenant space or spaces.

Commenter's Reason: The committee disapproved E70 in Cincinnati because it was unclear whether the small tenant could exit through the larger tenant or the larger tenant through the smaller one. The original submittal remains intact with an added last sentence of the exception that will clarify that it would be prohibited for the larger tenant to have a means of egress through the smaller tenant.

E72-04/05

1013.3; IFC [B] 1013.3

Proposed Change as Submitted:

Proponent: Gregory R. Keith, Professional heuristic Development, Seattle, WA, representing The Boeing Company

Revise as follows:

1013.3 Common path of egress travel. In occupancies other than Groups H-1, H-2 and H-3, the common path of egress travel shall not exceed 75 feet (22 860 mm). In occupancies in Groups H-1, H-2, and H-3, the common path of egress travel shall not exceed 25 feet (7620 mm). For common path of egress travel in Group A occupancies see Section 1024.8.

Exceptions:

1. The length of a common path of egress travel in an occupancy in Groups B, F and S shall not be more than 100 feet (30 480 mm), provided that the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.
2. Where a tenant space in an occupancy in Groups B, S and U has an occupant load of not more than 30, the length of a common path of egress travel shall not be more than 100 feet (30 480 mm).
3. The length of a common path of egress travel in occupancies in Group I-3 shall not be more than 100 feet (30 480 mm).

Reason: This proposal is intended is to assist users by providing for a cross-reference to the Group A common path of egress travel requirements contained in Section 1024.8. Inclusion of the proposed provision will lead to the uniform application of means of egress requirements.

Analysis: As written this proposal would reference all Group A occupancies to Section 1024. Section 1024 is applicable for fixed seating areas only.

Cost Impact: None

Committee Action: Disapproved

Committee Reason: The proposal could be interpreted to force all Group A occupancies to only a portion of fixed seating.

Assembly Action: None

Individual Consideration Agenda

This item is on the agenda for individual consideration because a public comment was submitted.

Public Comment:

Gregory R. Keith, Professional Heuristic Development (P.h.D.), representing The Boeing Company, requests Approval as Modified by this public comment.

Modify proposal as follows:

1013.3 Common path of egress travel. In occupancies other than Groups H-1, H-2 and H-3, the common path of egress travel shall not exceed 75 feet (22 860 mm). In occupancies in Groups H-1, H-2, and H-3, the common path of egress travel shall not exceed 25 feet (7620 mm). For common path of egress travel in Group A occupancies having fixed seating, see Section 1024.8.

Exceptions:

1. through 3. (No change)

Commenter's Reason: The Means of Egress Code Development Committee disapproved this proposal because they felt that what was intended to be a helpful cross reference could be interpreted to force all Group A occupancies to have fixed seating. The proposed modification will clarify that the cross reference to fixed seating common path of egress travel requirements only applies to Group A occupancies having fixed seating. Approval of this proposal will assist code users in the proper determination of means of egress requirements for those very important Group A occupancies.

E74-04/05

1013.3; IFC [B] 1013.3

Proposed Change as Submitted:

Proponent: Mike Perrino, Code Consultants, Inc., St. Louis, MO

Revise as follows:

1013.3 Common path of egress travel. In occupancies other than Groups H-1, H-2 and H-3, the common path of egress travel shall not exceed 75 feet (22 860 mm). In

occupancies in Groups H-1, H-2, and H-3, the common path of egress travel shall not exceed 25 feet (7620 mm).

Exceptions:

1. The length of a common path of egress travel in an occupancy in Groups B, F and S shall not be more than 100 feet (30 480 mm), provided that the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.
2. Where a tenant space in an occupancy in Groups B, S and U has an occupant load of not more than 30, the length of a common path of egress travel shall not be more than 100 feet (30 480 mm).
3. The length of a common path of egress travel in occupancies in Group I-3 shall not be more than 100 feet (30 480 mm).
4. The length of a common path of egress travel in occupancies in Group R-2 shall not be more than 125 feet, provided that the building is protected throughout with an approved automatic sprinkler system in accordance with 903.3.1.1.

Reason: In today's residential housing market, larger dwelling units have become the norm rather than the exception. And while unit size has grown, the statistical size of the average family is essentially unchanged (persons per household has dropped slightly from 2.63 in 1990 to 2.58 in 2002). In addition, the percentage of one person households has increased from 24.6% to 26.3% in the same period. This is, however, part of a continuing downward trend in household size. Average household size in 1950 was 3.38 persons. Based on this alone, as dwelling units get larger and family units get smaller, the code has clearly not kept pace.

It is illogical that the code allows a maximum occupant load of 50, based on area, in occupancies such as A, B and M, where a large number of occupants can be assumed to be unfamiliar with their surroundings, before the requirement for a second exit is imposed, while limiting the occupant load of Group R occupancies to 10. In no other occupancy can it be assumed with more certainty that persons will be intimately familiar with their surroundings.

In addition, dwelling units will be sprinklered with residential type, quick-response sprinklers in accordance with Section 903.3.2, and be provided with single and multiple station smoke alarms per Sections 907.2.10.1.1 and 907.2.10.1.2, further protecting the occupants.

These current requirements have the effect of penalizing Group R occupancies, and ignores the code's own logic for many of the other allowances afforded to Group R (spiral stairs, dead-ends within dwelling units, etc.) based on the increased life safety provided by the extra safeguards required.

It should be noted that this proposal mirrors an allowance in the current Florida Building Code (Section 1004.1.2). This proposal is actually more stringent than Florida's, since the Florida Building Code does not limit occupant load, only the length of a common path of travel. Florida is one of the country's largest markets for new upscale residential multifamily buildings. This provision has worked well and has permitted larger units to be designed with appropriate exits, based on the relative hazards presented by the occupancy.

^a From U.S. Census Bureau Vital Statistics at: <http://www.census.gov/statab/www/part1.html#households>

^b From U.S. Census Bureau web publication No. HS-12. Households by Type and Size: 1900 to 2002. <http://www.census.gov/statab/hist/02HS0012.xls>

Analysis: A question would be if this provision should also be applicable to Group R-3.

Cost Impact: None

Committee Action: **Approved as Submitted**

Committee Reason: The increase to a NFPA13 system in a Group R-2 facility would be a reasonable tradeoff for within an individual unit. There is still some concerns associated with congregate residences.

Assembly Action: **None**

Individual Consideration Agenda

This item is on the agenda for individual consideration because a public comment was submitted.

Public Comment:

Ron Nickson, National Multi Housing Council, requests Approval as Modified by this public comment.

Modify proposal as follows:

1013.3 Common path of egress travel. In occupancies other than Groups H-1, H-2 and H-3, the common path of egress travel shall not exceed 75 feet (22 860 mm). In occupancies in Groups H-1, H-2, and H-3, the common path of egress travel shall not exceed 25 feet (7620 mm).

Exceptions:

1. The length of a common path of egress travel in an occupancy in Groups B, F and S shall not be more than 100 feet (30 480 mm), provided that the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.
2. Where a tenant space in an occupancy in Groups B, S and U has an occupant load of not more than 30, the length of a common path of egress travel shall not be more than 100 feet (30 480 mm).
3. The length of a common path of egress travel in occupancies in Group I-3 shall not be more than 100 feet (30 480 mm).
4. The length of a common path of egress travel in occupancies in Group R-2 shall not be more than 125 feet, provided that the building is protected throughout with an approved automatic sprinkler system in accordance with 903.3.1.1 or 903.3.1.2.

Commenter's Reason: The proposed challenge adds the reference to include the exception when the dwelling unit is protected with a NFPA 13R sprinkler system. Within the dwelling unit, where the exception would apply, the protection provided by the NFPA 13R sprinkler system is equivalent to the protection provided by a NFPA 13 sprinkler system.

E76-04/05

1014.1, 1013.2.3 (New); IFC [B] 1014.1, [B] 1013.2.3 (New)

Proposed Change as Submitted:

Proponent: Lawrence G. Perry, AIA, BOMA International, Silver Spring, MD

1. Revise as follows:

1014.1 Exit or exit access doorways required. Two exits or exit access doorways from any space shall be provided where one of the following conditions exists: