

26.2.4.3.1* Back-Wall-Diagonal-Grab-Bars.

Diagonal grab bars shall comply with all of the following:

Diagonal grab bars shall have a length of not less than 24 in. (600 mm).

Diagonal grab bars shall be located so the higher end is closest to the control end wall.

Higher ends of diagonal grab bars shall be located a maximum of 12 in. (305 mm) from the control end wall.

Higher ends of diagonal grab bars shall be located 25 in. (635 mm) minimum and 27 in. (685 mm) maximum above the rim of the bathtub.

Lower ends of diagonal grab bars shall be located 8 in. (203 mm) minimum and 10 in. (254 mm) maximum above the rim of the bathtub.

26.2.4.3.2 Back-Wall-Horizontal-Grab-Bars.

Horizontal grab bars shall comply with all of the following:

Horizontal grab bars shall be located 8 in. (205 mm) minimum and 10 in. (255 mm) maximum above the bathtub rim.

Horizontal grab bars shall be located so one end is 12 in. (305 mm) maximum from the control end wall and the other end is located 24 in. (610 mm) maximum from the opposite, or head, end of the bathtub.

26.2.4.4* Grab-Bar-Details.**26.2.4.4.1**

Grab bars shall be circular in cross section with a minimum diameter of 1 ¹/₄ in. (32 mm) and a maximum diameter of 2 in. (51 mm).

26.2.4.4.2

Where attached to a wall, grab bars shall provide a clearance for hand grasp of 1 ¹/₂ in. (38 mm) minimum.

26.2.4.4.3

Grab bars shall be designed and constructed to the structural loading conditions in accordance with the building code.

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-10_26.2.4-includes_annex.1480359970204-GH.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 11:33:20 EST 2016

Committee Statement

Committee Statement: The revision is intended for consistency with SCR-6. The Ch. 26 criteria are identical to Ch. 24.

Committee Comment No. 6015-NFPA 101-2016 [New Section after 26.2.3.6]

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 11-NFPA 101-2016 [Section No. 28.2.1.4]****28.2.1.4**

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of [24.2.87.1.6.5](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 12:14:32 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 37-NFPA 101-2016 [New Section after 28.3.4.3.6]

[28.3.4.4 Risk Analysis for Mass Notification.](#)

[28.3.4.4.1](#)

[A risk analysis in accordance with Section 9.14 shall be performed for grades K through 12, college, or university dormitories with an occupant load greater than 100 to determine whether a mass notification is required.](#)

[28.3.4.4.2](#)

[Applicable portions of an existing risk analysis shall be permitted to be used when a new building is added to the campus.](#)

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-37_28.3.4.4.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 14:38:53 EST 2016

Committee Statement

Committee Statement: The revision is intended to correlate with the format of other occupancy chapters.

[Committee Comment No. 6010-NFPA 101-2016 \[New Section after 28.3.4.3.6\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 10 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 1 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.
 Kalie, Jr., J. Edmund
 Lyman, Dale L.
 Quiter, James R.
 Reisinger, Rodger
 Reynolds, Ronald C.
 Rosenbaum, Eric R.

Abstention

Koffel, William E.

In accordance with the policy of the Standards Council, I have abstained from voting on this item.



Second Correlating Revision No. 38-NFPA 101-2016 [Section No. 28.3.5.3]

28.3.5.3

Where an automatic sprinkler system is installed, either for total or partial building coverage, the system shall be in accordance with Section 9.7, as modified by 28.3.5.4. In buildings hotel or dormitory occupancies up to and including four or fewer stories in height that are located in buildings and not exceeding 60 ft (18.3 m) in height above grade plane, systems in accordance with NFPA 13R shall be permitted.

28.3.5.3.1

Where located in a building of Type III, Type IV, or Type V construction designed in accordance with 4.6.3(5) and where the roof assembly is located more than 55 ft (17 m) above the lowest level of required fire department vehicle access, attics shall comply with 28.3.5.3.1.1, 28.3.5.3.1.2, and one of the following:

- (1) Attics shall be provided with sprinkler protection.
- (2) Attics shall be constructed with noncombustible materials.
- (3) Attics shall be constructed with fire-retardant-treated wood.
- (4) Attics shall be filled with noncombustible insulation.

28.3.5.3.1.1

The height of the roof assembly shall be determined by measuring the distance from the lowest level of required fire department vehicle access adjacent to the building to the eave of the highest pitched roof, the intersection of the highest roof to the exterior wall, or the top of the highest parapet, whichever yields the greatest distance.

28.3.5.3.1.2

Required fire department vehicle access roads used in 28.3.5.3.1.1 shall include only those roads that are necessary for required fire department vehicle access in compliance with the fire code.

Supplemental Information

File Name	Description
101_SCR-38_28.3.5.3.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 14:44:22 EST 2016

Committee Statement

Committee Statement: Revisions intended for compliance with the Manual of Style.

Committee Comment No. 6007-NFPA 101-2016 [Section No. 28.3.5.3]

Ballot Results

✓ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 10 Affirmative All
 1 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

Affirmative with Comment

Kalie, Jr., J. Edmund

The reference to "fire code" in . 28.3.5.3.1.2 should cite NFPA 1 as a matter of correlation and that not all jurisdictions may have a "fire code".

**Second Correlating Revision No. 12-NFPA 101-2016 [Section No. 30.2.1.3]****30.2.1.3**

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of [24.2.87.1.6.5](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 12:22:22 EST 2016

Committee Statement

Committee Statement: Revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 39-NFPA 101-2016 [Section No. 30.3.5.2]

30.3.5.2

Where an automatic sprinkler system is installed, either for total or partial building coverage, the system shall be installed in accordance with Section 9.7, as modified by [30.3.5.3](#) and [30.3.5.4](#). In buildings ~~apartment buildings up to and including~~ four or fewer stories in height and ~~that are located in buildings~~ not exceeding 60 ft (18.3 m) in height above grade plane, systems in accordance with NFPA 13R shall be permitted.

30.3.5.2.1

Where located in a building of Type III, Type IV, or Type V construction designed in accordance with [4.6.3\(5\)](#) and where the roof assembly is located more than 55 ft (17 m) above the lowest level of required fire department vehicle access, attics shall comply with [30.3.5.2.1.1](#), [30.3.5.2.1.2](#), and one of the following:

- (1) Attics shall be provided with sprinkler protection.
- (2) Attics shall be constructed with noncombustible materials.
- (3) Attics shall be constructed with fire-retardant-treated wood
- (4) Attics shall be filled with noncombustible insulation

30.3.5.2.1.1

The height of the roof assembly shall be determined by measuring the distance from the lowest level of required fire department vehicle access adjacent to the building to the eave of the highest pitched roof, the intersection of the highest roof to the exterior wall, or the top of the highest parapet, whichever yields the greatest distance.

30.3.5.2.1.2

Required fire department vehicle access roads used in [30.3.5.2.1.1](#) shall include only those roads that are necessary for required fire department vehicle access in compliance with the fire code.

Supplemental Information

File Name	Description
101_SCR-39_30.3.5.3.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 14:51:33 EST 2016

Committee Statement

Committee Statement: Revisions for compliance with the Manual of Style.

Committee Comment No. 6013-NFPA 101-2016 [Section No. 30.3.5.2]

Ballot Results

✓ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 13-NFPA 101-2016 [Section No. 32.2.2.7]****32.2.2.7**

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of [24.2.87.1.6.5](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 12:26:22 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 40-NFPA 101-2016 [Section No. 32.2.3.4.1]****32.2.3.4.1** General.

A manual fire alarm system shall be provided in accordance with Section 9.6.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 14:58:06 EST 2016

Committee Statement

Committee Statement: No other occupancy chapter mandates the installation of a "manual fire alarm system," which is not defined. Rather, the initiation means are specified in an "initiation" sub-section. Also see SCR-41.

Second Revision No. 504-NFPA 101-2016 [Section No. 32.2.3.4.1]

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 41-NFPA 101-2016 [Section No. 32.2.3.4.2]

~~32.2.3.4.2~~ Initiation.

Initiation of the required fire alarm system shall be by one of the following means:

Manual means in accordance with [9.6.2.1\(1\)](#)

Automatic sprinkler system that complies with [9.6.2.1\(3\)](#) and provides protection throughout the building

32.2.3.4.2 Initiation.

Initiation of the required fire alarm system shall be by manual means in accordance with [9.6.2.1\(1\)](#) .

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 15:00:02 EST 2016

Committee Statement

Committee Statement: The revision re-inserts the initiation sub-section and maintains the requirement for manual initiation, which is consistent with the intent of SR-504 and SR-505. Also see SCR-40.

[Committee Comment No. 505-NFPA 101-2016 \[Section No. 32.2.3.4.2\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.
 Kalie, Jr., J. Edmund
 Koffel, William E.
 Lyman, Dale L.
 Quiter, James R.
 Reiswig, Rodger
 Reynolds, Ronald C.
 Rosenbaum, Eric R.

**Second Correlating Revision No. 14-NFPA 101-2016 [Section No. 32.3.2.1.3]****32.3.2.1.3**

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of [24.2.87.1.6.5](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 12:28:32 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 54-NFPA 101-2016 [Section No. 32.3.3.6.2]

32.3.3.6.2*

Sleeping rooms shall be separated from all spaces, other than adjacent sleeping rooms, ~~adjacent bathrooms, or lounge areas, and bathrooms directly accessible from the sleeping rooms,~~ by walls complying with [32.3.3.6.3](#) through [32.3.3.6.6](#).

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-54_Attachment.docx	Revised A.32.3.3.6.2
101_SCR-54_A.32.3.3.6.2.docx	Shows legislative changes from SCR. For staff use

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Nov 21 09:39:33 EST 2016

Committee Statement

Committee Statement: No change to 32.3.3.6.2. See attachment for revised A.32.3.3.6.2. Revision needed for consistency with 32.3.3.6.2 as raised by Rickard's negative ballot comment.

[Committee Comment No. 507-NFPA 101-2016 \[Section No. 32.3.3.6.2\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.
 Kalie, Jr., J. Edmund
 Koffel, William E.
 Lyman, Dale L.
 Quiter, James R.
 Reising, Rodger
 Reynolds, Ronald C.
 Rosenbaum, Eric R.

**Second Correlating Revision No. 42-NFPA 101-2016 [Section No. 32.3.3.8.3]****32.3.3.8.3***

Compliance with 9.2.3 shall not be required where all of the following conditions are met:

- (1) Residential or commercial cooking equipment in a single kitchen per smoke compartment is used to prepare meals for 30 or fewer persons.
- (2) The portion of the board and care facility served by the cooking facility is limited to 30 beds and is separated from other portions of the board and care facility by a smoke barrier constructed in accordance with 32.3.3.7.9 and with 32.3.3.7.14 through 32.3.3.7.22.
- (3) The cooktop or range is equipped with a range hood of a width at least equal to the width of the cooking surface, with grease baffles or other grease-collecting and clean-out capability.
- (4)* The hood systems have a minimum airflow of 500 cfm (14,000 L/min).
- (5) The hood systems that are not ducted to the exterior additionally have a charcoal filter to remove smoke and odor.
- (6) The cooktop or range complies with all of the following:
 - (a) The cooktop or range is protected with a fire suppression system listed in accordance with ANSI/UL 300, *Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment*, or is tested and meets all requirements of UL 300A, *Extinguishing System Units for Residential Range Top Cooking Surfaces*, in accordance with the applicable testing document's scope.
 - (b) A manual release of the extinguishing system is provided in accordance with Section 10.5 of NFPA 96.
 - (c) An interlock is provided to turn off all sources of fuel and electrical power to the cooktop or range when the suppression system is activated.
- (7)* The use of solid fuel for cooking is prohibited.
- (8)* Deep-fat frying is prohibited.
- (9) Portable fire extinguishers in accordance with NFPA 96 are located in all kitchen areas.
- (10) A switch meeting all of the following is provided:
 - (a) A locked switch, or a switch located in a restricted location, is provided within the cooking facility that deactivates the cooktop or range.
 - (b) The switch is used to deactivate the cooktop or range whenever the kitchen is not under staff supervision.
 - (c) The switch is on a timer, not exceeding a 120-minute capacity, that automatically deactivates the cooktop or range, independent of staff action.
- (11) Procedures for the use, inspection, testing, and maintenance of the cooking equipment are in accordance with Chapter 11 of NFPA 96, and the manufacturer's instructions are followed.
- (12) ~~No less~~ ~~No fewer~~ than two ac-powered photoelectric smoke alarms, interconnected in accordance with 9.6.2.10.3 and equipped with a silence feature, are located not closer than 20 ft (6.1 m) and not farther than 25 ft (7.6 m) from the cooktop or range.
- (13) The smoke alarms required by 32.3.3.8.3(12) are permitted to be located outside the kitchen area where such placement is necessary for compliance with the 20 ft (6.1 m) minimum distance criterion.
- (14) A single system smoke detector is permitted to be installed in lieu of the smoke alarms required in 32.3.3.8.3(12), provided the following criteria are met:
 - (a) The detector is located not closer than 20 ft (6.1 m) and not farther than 25 ft (7.6 m) from the cooktop or range.
 - (b) The detector is permitted to initiate a local audible alarm signal only.
 - (c) The detector is not required to initiate a buildingwide occupant notification signal.
 - (d) The detector is not required to notify emergency forces.
 - (e) The local audible signal initiated by the detector is permitted to be silenced and reset by a button on the detector or by a switch installed within 10 ft (3.0 m) of the system smoke detector.
 - (f) System smoke detectors that are required by other sections of the chapter to be installed in corridors or spaces open to the corridor are not used to meet the requirements of 32.3.3.8.3(12) and are located not closer than 25 ft (7.6 m) to the cooktop or range.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:

City:

State:

Zip:

Submittal Date: Fri Nov 18 15:03:40 EST 2016

Committee Statement

Committee Statement: The term 'fewer' in Item (12) is correct when referring to countable items.

[Committee Comment No. 518-NFPA 101-2016 \[Section No. 32.3.3.8.3\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters

0 Not Returned

11 Affirmative All

0 Affirmative with Comments

0 Negative with Comments

0 Abstention

Affirmative All

Bush, Kenneth E.

Harbuck, Stanley C.

Hopper, Howard

Hugo, Jeffrey M.

Kalie, Jr., J. Edmund

Koffel, William E.

Lyman, Dale L.

Quiter, James R.

Reiswig, Rodger

Reynolds, Ronald C.

Rosenbaum, Eric R.



Second Correlating Revision No. 43-NFPA 101-2016 [Section No. 33.2.3.4.1]

33.2.3.4.1 Fire Alarm Systems.

A manual fire alarm system shall be provided in accordance with Section 9.6, unless the provisions of 33.2.3.4.1.1 or 33.2.3.4.1.2 are met.

33.2.3.4.1.1

A fire alarm system shall not be required where interconnected smoke alarms complying with 33.2.3.4.4 33.2.3.4.3 33.2.3.4.4 and not less than one manual fire alarm box per floor arranged to continuously sound the smoke detector alarms are provided.

33.2.3.4.1.2

Other manually activated continuously sounding alarms acceptable to the authority having jurisdiction shall be permitted in lieu of a fire alarm system.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 15:07:21 EST 2016

Committee Statement

Committee Statement: No other occupancy chapter mandates the installation of a "manual fire alarm system," which is not defined. Rather, the initiation means are specified in an "initiation" sub-section. Also see SCR-44.

[Second Revision No. 512-NFPA 101-2016 \[Section No. 33.2.3.4.1\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.
 Kalie, Jr., J. Edmund
 Koffel, William E.
 Lyman, Dale L.
 Quiter, James R.
 Reiswig, Rodger
 Reynolds, Ronald C.
 Rosenbaum, Eric R.

**Second Correlating Revision No. 44-NFPA 101-2016 [Section No. 33.2.3.4.2]****33.2.3.4.2** ~~Initiation.~~

Where a fire alarm system is required by [33.2.3.4.1](#) , initiation shall be by one of the following means:

Manual means in accordance with [9.6.2.1\(1\)](#)

Automatic sprinkler system that complies with [9.6.2.1\(3\)](#) -and provides protection throughout the building.

33.2.3.4.2 Initiation.

Initiation of the required fire alarm system shall be by manual means in accordance with [9.6.2.1\(1\)](#) .

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Fri Nov 18 15:10:09 EST 2016

Committee Statement

Committee Statement: The revision re-inserts the initiation sub-section and maintains the requirement for manual initiation, which is consistent with the intent of SR-512 and SR-513. Also see SCR-43.

[Committee Comment No. 513-NFPA 101-2016 \[Section No. 33.2.3.4.2\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 4-NFPA 101-2016 [Section No. 36.1.4.2]

36.1.4.2 Special Definitions.

A list of special terms used in this chapter follows:

- (1) **Anchor Building.** See [3.3.37.2](#).
- (2) **Bulk Merchandising Retail Building.** See [3.3.37.4](#).
- (3) **Enclosed Mall Concourse.** See [3.3.175.2](#).
- (4) **Food Court.** See [3.3.51.2](#).
- (5) **Gross Leasable Area.** See [3.3.22.3](#).
- (6) **Major Tenant.** See [3.3.174](#).
- (7) **Mall Concourse.** See [3.3.175](#).
- (8) **Mall Structure.** See [3.3.282.4](#).
- (9) **Open Mall Concourse** . See [3.3.175.1](#).
- (10) **Open-Air Mercantile Operation.** See [3.3.205](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 10:20:36 EST 2016

Committee Statement

Committee Statement: The SCR is intended for consistency with SCR-3.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 15-NFPA 101-2016 [New Section after 36.2.1.5]

[36.2.1.6](#) Grab Bars for Bathtubs, Bathtub-Shower Combinations, and Showers.

[36.2.1.6.1](#)

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of [24.2.8](#) .

[36.2.1.6.2](#)

The provisions of [36.2.1.6.1](#) shall not apply to display bathtubs, bathtub-shower combinations, or showers.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Fri Nov 18 12:45:54 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

[Committee Comment No. 5502-NFPA 101-2016 \[New Section after 36.2.1.5\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 45-NFPA 101-2016 [New Section after 36.4.4.7.4]

36.4.4.7.5 Risk Analysis for Mass Notification.

A risk analysis in accordance with Section 9.14 shall be performed for new mall structures to determine whether a mass notification system is required.

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-45_36.4.4.7.5.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Fri Nov 18 15:17:15 EST 2016

Committee Statement

Committee Statement: Revisions intended for consistency with format of other occupancy chapters.

Committee Comment No. 5509-NFPA 101-2016 [New Section after 36.4.4.7.4]

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.
 Kalie, Jr., J. Edmund
 Koffel, William E.
 Lyman, Dale L.
 Quiter, James R.
 Reisinger, Rodger
 Reynolds, Ronald C.
 Rosenbaum, Eric R.

**Second Correlating Revision No. 5-NFPA 101-2016 [Section No. 37.1.4.2]****37.1.4.2** Special Definitions.

A list of special terms used in this chapter follows:

- (1) **Anchor Building.** See [3.3.37.2](#).
- (2) **Bulk Merchandising Retail Building.** See [3.3.37.4](#).
- (3) **Enclosed Mall Concourse** . See [3.3.175.2](#) .
- (4) **Gross Leasable Area.** See [3.3.22.3](#).
- (5) **Major Tenant.** See [3.3.174](#).
- (6) **Mall Concourse.** See [3.3.175](#).
- (7) **Mall Structure.** See [3.3.282.4](#).
- (8) **Open Mall Concourse** . See [3.3.175.1](#) .
- (9) **Open-Air Mercantile Operation.** See [3.3.205](#).

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 10:27:12 EST 2016

Committee Statement

Committee Statement: The SCR is intended for consistency with SCR-3.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 46-NFPA 101-2016 [Section No. 37.3.2.3]****37.3.2.3*** Hazardous Materials.

Where hazardous materials are present stored, used, or handled, the provisions of **8.7.3.1** shall apply.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 15:21:19 EST 2016

Committee Statement

Committee Statement: Revision intended to correlate with other occupancy chapters.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 16-NFPA 101-2016 [New Section after 38.2.1.4]**

38.2.1.5 Grab Bars for Bathtubs, Bathtub-Shower Combinations, and Showers.

38.2.1.5.1

Where bathtubs, bathtub-shower combinations, or showers are present, grab bars shall be provided in accordance with the provisions of 24.2.8 .

38.2.1.5.2

The provisions of 38.2.1.5.1 shall not apply to display bathtubs, bathtub-shower combinations, or showers.

Submitter Information Verification

Submitter Full Name: Gregory Harrington

Organization: National Fire Protection Assoc

Street Address:

City:

State:

Zip:

Submission Date: Fri Nov 18 12:49:08 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

Committee Comment No. 5503-NFPA 101-2016 [New Section after 38.2.1.4]

Ballot Results

✔ This item has passed ballot

11 Eligible Voters

0 Not Returned

11 Affirmative All

0 Affirmative with Comments

0 Negative with Comments

0 Abstention

Affirmative All

Bush, Kenneth E.

Harbuck, Stanley C.

Hopper, Howard

Hugo, Jeffrey M.

Kalie, Jr., J. Edmund

Koffel, William E.

Lyman, Dale L.

Quiter, James R.

Reiswig, Rodger

Reynolds, Ronald C.

Rosenbaum, Eric R.



Second Correlating Revision No. 48-NFPA 101-2016 [New Section after 38.2.2.2.1]

38.2.2.2.2* Door Locking to Prevent Unwanted Entry.

Where approved, doors, other than those complying with [38.2.11.2](#) , shall be permitted to be locked to prevent unwanted entry provided that all of the following conditions are met:

- (1) The locking means shall be capable of being engaged without opening the door.
- (2) The unlocking and unlatching operation from the egress side of the door shall be accomplished without the use of a key, tool, or special knowledge or effort.
- (3) The releasing mechanism shall open the door leaf with not more than one releasing operation.
- (4) The releasing mechanism for unlocking and unlatching shall be located at a height not less than 34 in. (865 mm) and not exceeding 48 in. (1220 mm) above the finished floor.
- (5) Locks, if remotely engaged, shall be unlockable from the egress side of the door without the use of a key, tool, or special knowledge or effort.
- (6) The door shall be capable of being unlocked and opened from outside the room with the necessary key or other credential.
- (7) The locking means shall not modify the door closer, panic hardware, or fire exit hardware.
- (8) Modifications to required fire door assemblies, including door hardware, shall be in accordance with [NFPA 80](#) .

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-48_38.2.2.2.2.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Fri Nov 18 15:26:48 EST 2016

Committee Statement

Committee Statement: Revision for compliance with Manual of Style.
[Committee Comment No. 5507-NFPA 101-2016 \[New Section after 38.2.2.2.1\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard
 Hugo, Jeffrey M.

Kalie, Jr., J. Edmund

Koffel, William E.

Lyman, Dale L.

Quiter, James R.

Reiswig, Rodger

Reynolds, Ronald C.

Rosenbaum, Eric R.

**Second Correlating Revision No. 47-NFPA 101-2016 [Section No. 38.2.11.3]****38.2.11.3*** Hazardous Materials.

Where hazardous materials are stored, used, or handled, the provisions of [7.12.2](#) shall apply.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Fri Nov 18 15:24:11 EST 2016

Committee Statement

Committee Statement: Revision intended to correlate with other occupancy chapters.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 50-NFPA 101-2016 [New Section after 39.2.2.2.1]

39.2.2.2.2* Door Locking to Prevent Unwanted Entry.

Where approved, doors, other than those complying with [39.2.11.2](#), shall be permitted to be locked to prevent unwanted entry provided that all of the following conditions are met:

- (1) The locking means shall be capable of being engaged without opening the door.
- (2) The unlocking and unlatching operation from the egress side of the door shall be accomplished without the use of a key, tool, or special knowledge or effort.
- (3) The releasing mechanism shall open the door leaf with not more than two releasing operations.
- (4) The releasing mechanism for unlocking and unlatching shall be located at a height not less than 34 in. (865 mm) and not exceeding 48 in. (1220 mm) above the finished floor.
- (5) Locks, if remotely engaged, shall be unlockable from the egress side of the door without the use of a key, tool, or special knowledge or effort.
- (6) The door shall be capable of being unlocked and opened from outside the room with the necessary key or other credential.
- (7) The locking means shall not modify the door closer, panic hardware, or fire exit hardware.
- (8) Modifications to required fire door assemblies, including door hardware, shall be in accordance with [NFPA 80](#).

Supplemental Information

<u>File Name</u>	<u>Description</u>
101_SCR-50_39.2.2.2.2.docx	Shows legislative changes from SCR--for staff use.

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submission Date: Mon Nov 21 09:28:18 EST 2016

Committee Statement

Committee Statement: Revisions for compliance with the Manual of Style. Also Item 3, which would require not more than one releasing operation, conflicts with Item 4, which permits two operations. It appears that Item 3 was intended to apply to the installation of new hardware on existing doors; this situation is addressed by Ch. 43, which will require such installation to comply with Ch. 38.

[Committee Comment No. 5508-NFPA 101-2016 \[New Section after 39.2.2.2.1\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
 0 Not Returned
 11 Affirmative All
 0 Affirmative with Comments
 0 Negative with Comments
 0 Abstention

Affirmative All

Bush, Kenneth E.
 Harbuck, Stanley C.
 Hopper, Howard

Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 17-NFPA 101-2016 [New Section after 40.2.1.2]

40.2.1.3

Newly installed bathtubs, bathtub-shower combinations, and nonemergency showers shall be provided with grab bars in accordance with the provisions of [24.2.8](#) .

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 12:54:30 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

[Committee Comment No. 4502-NFPA 101-2016 \[New Section after 40.2.1.2\]](#)

Ballot Results

✔ This item has passed ballot

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 51-NFPA 101-2016 [Section No. 40.2.11.3]****40.2.11.3 Hazardous Materials.**

Where hazardous materials are stored, used, or handled, the provisions of [7.12.2](#) shall apply.

Submitter Information Verification

Submitter Full Name: Gregory Harrington

Organization: National Fire Protection Assoc

Street Address:

City:

State:

Zip:

Submittal Date: Mon Nov 21 09:31:33 EST 2016

Committee Statement

Committee Statement: Revision intended to correlate with other occupancy chapters.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters

0 Not Returned

11 Affirmative All

0 Affirmative with Comments

0 Negative with Comments

0 Abstention

Affirmative All

Bush, Kenneth E.

Harbuck, Stanley C.

Hopper, Howard

Hugo, Jeffrey M.

Kalie, Jr., J. Edmund

Koffel, William E.

Lyman, Dale L.

Quiter, James R.

Reiswig, Rodger

Reynolds, Ronald C.

Rosenbaum, Eric R.

**Second Correlating Revision No. 18-NFPA 101-2016 [New Section after 42.2.1.2]****42.2.1.3**

Newly installed bathtubs, bathtub-shower combinations, and nonemergency showers shall be provided with grab bars in accordance with the provisions of [24.2.8](#) .

Submitter Information Verification

Submitter Full Name: Gregory Harrington
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 18 13:01:40 EST 2016

Committee Statement

Committee Statement: The revision is needed for consistency with SCR-6, which deletes 7.1.6.5.

[Committee Comment No. 4503-NFPA 101-2016 \[New Section after 42.2.1.2\]](#)

Ballot Results

✔ **This item has passed ballot**

11 Eligible Voters
0 Not Returned
11 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.

**Second Correlating Revision No. 52-NFPA 101-2016 [Section No. 42.3.2]****42.3.2** Protection from Hazards.

Where hazardous materials are stored, used, or handled, the provisions of **8.7.3.1** shall apply. ~~(See also Section 8.7 .)~~

Submitter Information Verification

Submitter Full Name: Gregory Harrington

Organization: National Fire Protection Assoc

Street Address:

City:

State:

Zip:

Submittal Date: Mon Nov 21 09:33:44 EST 2016

Committee Statement

Committee Statement: Revision intended to correlate with other occupancy chapters.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters

0 Not Returned

11 Affirmative All

0 Affirmative with Comments

0 Negative with Comments

0 Abstention

Affirmative All

Bush, Kenneth E.

Harbuck, Stanley C.

Hopper, Howard

Hugo, Jeffrey M.

Kalie, Jr., J. Edmund

Koffel, William E.

Lyman, Dale L.

Quiter, James R.

Reiswig, Rodger

Reynolds, Ronald C.

Rosenbaum, Eric R.

**Second Correlating Revision No. 53-NFPA 101-2016 [Section No. A.4.8.2.1]****A.4.8.2.1**

Items to be considered in preparing an emergency action plan should include the following:

- (1) Purpose of plan
- (2) Building description, including certificate of occupancy
- (3) Appointment, organization, and contact details of designated building staff to carry out the emergency duties
- (4) Identification of events (man-made and natural) considered life safety hazards impacting the building
- (5) Responsibilities matrix (role-driven assignments)
- (6) Policies and procedures for those left behind to operate critical equipment
- (7) Specific procedures to be used for each type of emergency
- (8) Requirements and responsibilities for assisting people with disabilities
- (9) Procedures for accounting for employees
- (10) Training of building staff, building emergency response teams, and other occupants in their responsibilities
- (11) Documents, including diagrams, showing the type, location, and operation of the building emergency features, components, and systems
- (12) Practices for controlling life safety hazards in the building
- (13) Inspection and maintenance of building facilities that provide for the safety of occupants
- (14) Conducting fire and evacuation drills
- (15) Interface between key building management and emergency responders
- (16) Names or job titles of persons who can be contacted for further information or explanation of duties
- (17) Post-event (including drill) critique/evaluation, as addressed in Chapter 9 5-14 of of NFPA 1600
- (18) Means to update the plan, as necessary

Submitter Information Verification

Submitter Full Name: Gregory Harrington

Organization: National Fire Protection Assoc

Street Address:

City:

State:

Zip:

Submittal Date: Mon Nov 21 09:35:51 EST 2016

Committee Statement

Committee Statement: Updates cross-reference to NFPA 1600.

Ballot Results

✔ This item has passed ballot

11 Eligible Voters

0 Not Returned

11 Affirmative All

0 Affirmative with Comments

0 Negative with Comments

0 Abstention

Affirmative All

Bush, Kenneth E.

Harbuck, Stanley C.

Hopper, Howard
Hugo, Jeffrey M.
Kalie, Jr., J. Edmund
Koffel, William E.
Lyman, Dale L.
Quiter, James R.
Reiswig, Rodger
Reynolds, Ronald C.
Rosenbaum, Eric R.



Second Correlating Revision No. 57-NFPA 101-2016 [Section No. A.7.6]



A.7.6

Table A.7.6 is a compilation of the requirements of the individual occupancy chapters (Chapters 12 through 42) for permissible length of common path of travel, dead-end corridors, and travel distance to not less than one of the required exits.

A dead end exists where an occupant enters a corridor thinking there is an exit at the end and, finding none, is forced to retrace the path traveled to reach a choice of egress travel paths. Although relatively short dead ends are permitted by this Code, it is better practice to eliminate them wherever possible, as they increase the danger of persons being trapped in case of fire. Compliance with the dead-end limits does not necessarily mean that the requirements for remoteness of exits have been met. Such lack of compliance is particularly true in small buildings or buildings with short public hallways. Adequate remoteness can be obtained in such cases by further reducing the length of dead ends. (See also A.7.5.1.5.)

Common Path Limit

Sprinklered

Board and Care

Large, new 75-23

Travel Distance Limit

Sprinklered

Board and Care

Large, new 250-76

Table A.7.6 Common Path, Dead-End, and Travel Distance Limits (by occupancy)

Type of Occupancy	Common Path Limit				Dead-End Limit				Travel Distance	
	Uns sprinklered		Sprinklered		Uns sprinklered		Sprinklered		Uns sprinklered	
	ft	m	ft	m	ft	m	ft	m	ft	m
Assembly										
New	20/75	6.1/23 ^a	20/75	6.1/23 ^a	20	6.1 ^b	20	6.1 ^b	200	61 ^c
Existing	20/75	6.1/23 ^a	20/75	6.1/23 ^a	20	6.1 ^b	20	6.1 ^b	200	61 ^c
Educational										
New	75	23	100	30	20	6.1	50	15	150	46
Existing	75	23	100	30	20	6.1	50	15	150	46
Day Care										
New	75	23	100	30	20	6.1	50	15	150	46 ^d
Existing	75	23	100	30	20	6.1	50	15	150	46 ^d
Health Care										
New	NA	NA	100	30	NA	NA	30	9.1	NA	NA
Existing	NR	NR	NR	NR	NR ^e 30 ^e	NR ^e 9 ^e 1 ^e	NR ^e 30 ^e	NR ^e 9.1 ^e	150	46 ^d
Ambulatory Health Care										
New	75	23 ^f 23	100	30 ^f 30	20	6.1	50	15	150	46
Existing	75	23 ^f 23	100	30 ^f 30	50	15	50	15	150	46
Detention and Correctional										
New — Use Condition II, III, IV	50	15	100	30	50	15	50	15	150	46 ^d
New — Use Condition V	50	15	100	30	20	6.1	20	6.1	150	46 ^d
Existing — Use Condition II, III, IV, V	50	15 ^g	100	30 ^g	NR	NR	NR	NR	150	46 ^d
Residential										
One- and two-family dwellings	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lodging or rooming houses	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Type of Occupancy	Common Path Limit				Dead-End Limit				Travel Distance	
	Unsprinklered		Sprinklered		Unsprinklered		Sprinklered		Unsprinklered	
	ft	m	ft	m	ft	m	ft	m	ft	m
Hotels and dormitories										
New	35	10.7 ^{h,i}	50	15 ^{h,i}	35	10.7	50	15	175	53 ^{d,j}
Existing	35	10.7 ^h	50	15 ^h	50	15	50	15	4 175	53 ^{d,i,j}
Apartment buildings										
New	35	10.7 ^h	50	15 ^h	35	10.7	50	15	175	53 ^{d,j}
Existing	35	10.7 ^h	50	15 ^h	50	15	50	15	175	53 ^{d,j}
Board and care										
Small, new and existing	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Large, new	NA	NA	75	23 ^j	NA	NA	30	9.1	NA	NA
Large, existing	110	33	160	49	50	15	50	15	175	53 ^{d,j}
Mercantile										
Class A, B, C										
New	75	23	100	30	20	6.1	50	15	150	46
Existing	75	23	100	30	50	15	50	15	150	46
Open air, new and existing	NR	NR	NR	NR	0	0	0	0	NR	NR
Mall										
New	75	23	100	30	20	6.1 ^q	50	15 ^q	150	46 4
Existing	75	23	100	30	50	15 ^q	50	15 ^q	150	46 4
Business										
New	75	23 ^l	100	30 ^l	20	6.1	50	15	200	61
Existing	75	23 ^l	100	30 ^l	50	15	50	15	200	61
Industrial										
General	50	15	100	30	50	15	50	15	200	64 ^{rs} 61 ^u
Special purpose	50	15	100	30	50	15	50	15	300	91
High hazard	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ NA	∅ NA
Aircraft servicing hangars, finished ground level floor	50	15 ^o	100	30 ^o	50	15 ^o	50	15 ^o	footnote m	footnote m
Aircraft servicing hangars, mezzanine floor	50	15 ^o	75	23 ^o	50	15 ^o	50	15 ^o	75	23
Storage										
Low hazard	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ordinary hazard	50	15	100	30	50	15	100	30	200	61
High hazard	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	∅ footnote r	75	23
Parking structures, open ^p	50	15	50	15	50	15	50	15	300	91
Parking structures, enclosed	50	15	50	15	50	15	50	15	150	46
Aircraft storage hangars, finished ground level floor	50	15 ^o	100	30 ^o	50	15 ^o	50	15 ^o	footnote m	footnote m
Aircraft servicing storage hangars, mezzanine floor	50	15 ^o	75	23 ^o	50	15 ^o	50	15 ^o	75	23

