

This is the existing IBC amendments to be carried over to the 2024 Code

3-14-2024

Keep Chapter 5 and section 504 Amendments

**CHAPTER 5
GENERAL BUILDING HEIGHTS AND AREAS**

**SECTION 504
BUILDING HEIGHT AND NUMBER OF STORIES**

*Revise Table 504.4 ‘Allowable Number of Stories Above Grade Plane^{a,b}’ for the Occupancy Classification “I-1 Condition 2” as shown and add a new footnote “i” to read as follows:

**TABLE 504.4
ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE^{a, b}**

OCCUPANCY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION								
		TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
I-1 Condition 2	NS ^{d, e}	NP	NP	NP	NP	NP	NP	NP	NP	NP
	S ^j	UL	10	3	2	2	1	2	2	1

i. For all I-1 Condition 2, the building shall be protected throughout with an approved automatic sprinkler system, installed in accordance with NFPA 13 as adopted by the Rules and Regulations of the Safety Fire Commissioner. No increase in story height shall be permitted.

903.3.1.1 [NFPA 13](#) sprinkler systems

903.3.1.2 NFPA 13R sprinkler systems.

903.3.1.3 NFPA 13D sprinkler systems.

1. a. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter.
2. b. See [Section 903.2](#) for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.
3. c. New Group H occupancies are required to be protected by an automatic sprinkler system in accordance with [Section 903.2.5](#).
4. d. The NS value is only for use in evaluation of existing building height in accordance with the [International Existing Building Code](#).
5. e. New Group I-1 and I-3 occupancies are required to be protected by an automatic sprinkler system in accordance with [Section 903.2.6](#). For new Group I-1 occupancies Condition 1, see Exception 1 of [Section 903.2.6](#).
6. f. New and existing Group I-2 occupancies are required to be protected by an automatic sprinkler system in accordance with [Section 903.2.6](#) and with [Section 1103.5](#) of the International Fire Code.
7. g. For new Group I-4 occupancies, see Exceptions 2 and 3 of [Section 903.2.6](#).

8. h. New Group R occupancies are required to be protected by an automatic sprinkler system in accordance with [Section 903.2.8](#).

Keep Chapter 7 and 706 Amendments

CHAPTER 7
FIRE AND SMOKE PROTECTION FEATURES

SECTION 706
FIRE WALLS

*Revise Section 706.2 'Structural stability' to read as follows:

706.2 Structural stability. Fire walls shall be designed and constructed to allow collapse of construction on either side without collapse of the wall under fire conditions and loading per Section 1607.15.2. Fire walls designed and constructed in accordance with NFPA 221 shall be deemed to comply with this section.

Exception: In Seismic Design Categories D through F, where double fire walls are used in accordance with NFPA 221, floor and roof sheathing not exceeding 3/4 inch (19.05 mm) thickness shall be permitted to be continuous through the wall assemblies of light frame construction.

*Revise Section 706.2 'Structural stability' to read as follows:

706.2 Structural stability. Fire walls shall be designed and constructed to allow collapse of construction on either side without collapse of the wall under fire conditions and loading per Section 1607.15.2. Fire walls designed and constructed in accordance with NFPA 221 shall be deemed to comply with this section.

Exception: In Seismic Design Categories D through F, where double fire walls are used in accordance with NFPA 221, floor and roof sheathing not exceeding 3/4 inch (19.05 mm) thickness shall be permitted to be continuous through the wall assemblies of light frame construction.

Keep section 713 Amendments

SECTION 713
SHAFT ENCLOSURES

*Add new Section 713.14.1 'Designated floor lobbies for elevator return' to read as follows:

713.14.1 Designated floor lobbies for elevator return. New elevators, escalators, dumbwaiters, and moving walks shall be installed in accordance with the requirements of ASME A17.1, Safety Code for Elevators and Escalators. The designated elevator lobby of the designated floor and the designated alternate floor specified by ASME A17.1 Section 2.27.3 shall be separated from the remainder of the building by 1-hour fire-rated construction. In buildings equipped with automatic sprinkler protection, smoke partitions in accordance with the 'Rules and Regulations of the Safety Fire Commissioner Chapter 120-3-3 Rules and Regulations for the State Minimum Fire Safety Standards' may be used in lieu of 1-hour fire-rated construction. Except health care occupancies, openings in the elevator lobby shall be limited to those required for access to the elevators from exit access corridors only. Elevator lobbies may be used as part of the means of egress from the building.

Exceptions:

1. Designated floor elevator lobbies are not required within an atrium.
2. Designated floor elevator lobbies are not required where elevators are installed on open exterior walls.
3. Designated floor elevator lobbies are not required where elevators are installed in open air parking structures.
4. Designated floor elevator lobbies are not required in buildings three stories or less with vertical openings protected in accordance with the applicable occupancy chapter.
5. Existing installations acceptable to the authority having jurisdiction.
- 6 For existing buildings or existing structures, reference Section 3401.7 (GA Amendments).

Keep chapter 9 Amendments

CHAPTER 9

FIRE PROTECTION AND LIFE SAFETY SYSTEMS

SECTION 903

AUTOMATIC SPRINKLER SYSTEMS

*Revise Section [F] 903.2.8 'Group R' to add exception to read as follows:

[F] 903.2.8 Group R.

Exception: Group R-1 and R-2 occupancies which meet the exceptions allowed by the Rules and Regulations of the Safety Fire Commissioner Chapter 120-3-3 'Rules and Regulations for the State Minimum Fire Safety Standards' are exempt from this requirement.????

*Revise Section [F] 903.2.8.1 'Group R-3' to read as follows:

[F] 903.2.8.1 Group R-3. An automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be permitted in Group R-3 occupancies.
(Effective January 1, 2020)

*Revise Section [F] 903.2.8.2 'Group R-4, Condition 1' to read as follows:

[F] 903.2.8.2 Group R-4, Condition 1. An automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be permitted in Group R-4, Condition 1 occupancies.

*Revise Section [F] 903.2.8.4 'Care facilities' to read as follows:

[F] 903.2.8.4 Care facilities. An automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be permitted in care facilities with five or fewer individuals in a single-family dwelling.

*Revise Section [F] 903.3.1.3 'NFPA 13D sprinkler systems' to read as follows:

[F] 903.3.1.3 NFPA 13D sprinkler systems. Automatic sprinkler systems installed in one- and two-family dwellings; and townhouses separated by 2 hour firewalls shall be permitted to be

installed throughout in accordance with NFPA 13D.

Keep section 909 Amendments

SECTION 909

SMOKE CONTROL SYSTEMS

*Delete Section 909.21.1 'Pressurization requirements' entirely and substitute to read as follows:

909.21.1 Pressurization requirements. The system shall be designed such that the maximum pressure differential shall not restrict or prohibit the free operation of the elevated cab and all hoistway doors serving all levels of the building. The air shall not be introduced into the hoistway in such a manner as to cause erratic operation by impingement of traveling cables, selector tapes, governor ropes, compensating ropes, and other components sensitive to excessive movement or deflection.

Exception: In existing buildings, when testing existing elevator pressurization systems, they shall be certified to ensure a minimum positive pressure, subject to the approval of the authority having jurisdiction. This pressure shall be measured at the midpoint of each hoistway door, with all elevator cars at the floor of recall and all hoistway doors on the floor of recall open and all other hoistway doors closed. The opening and closing of hoistway doors at each level must be demonstrated during this test. The supply air intake shall be from an outside, uncontaminated source.

(Effective January 1, 2020)

Keep 11 Amendments

CHAPTER 11

ACCESSIBILITY

*Delete Chapter 11 'Accessibility' entirely without substitution.

{Cross-reference in State law: Title 30, Chapter 3 of the Official Code of Georgia Annotated (O.C.G.A) and the Rules and Regulations of the Georgia Safety Fire Commissioner.}