

SUMMARY OF PROPOSED CHANGES TO THE 2010 BUILDING CODE OF NEW YORK STATE
BASED ON THE 2012 IBC REVIEWED BY THE BCNYS TECHNICAL SUBCOMMITTEE
DIVISION OF CODE ENFORCEMENT AND ADMINISTRATION - DEPARTMENT OF STATE
Revised 11/28/12

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
	CHAPTER 2		DEFINITIONS	
2-01	202	202	Definitions	New definitions: 24-Hour Care; Ambulatory Health Care Facility; Care Suite; Custodial Care; Designated Seismic System; Detoxification Facilities; Exterior Insulation and Finishing System; Exit Access Doorway (Ramp, Stairway); Fiber-reinforced polymer; Fire-rated glazing; Foster Care; Hospitals and Mental hospitals; Hospitals and Psychiatric Hospitals; Fixed Seating; Foster Care Facilities; Gas Cabinet; Group Home; Incapable of Self-Preservation; Interior Exit Ramp (Stairway); Joint; L Rating; Naturally Durable Wood; Medical Care; Nursing Homes; Photovoltaic Modules/Shingles; Primary Structural Frame; Secondary Members; Tubular Daylighting Device (TDD); etc.
2-02	202	NYS proposed continued enhancement	Definitions	The committee proposes to continue the previous NYS enhancements to the following definitions: Agricultural, Building; Approved; Assistive Listening Device; Authority Having Jurisdiction; Code Enforcement Official; Modular Building; Registered Design Professional.
	CHAPTER 3		USE AND OCCUPANCY	
3-01	303.1	303.3	Assembly Group A-2	Casinos and gaming areas is currently not listed in a specific Assembly Group category. The proposed change adds Casinos (gaming areas) to Assembly Group A-2 occupancy.
3-02	303.1 306.2	303.3 306.2	Assembly Group A-2 Moderate-hazard Factory, Group F-1	Commercial kitchens, cafeterias, and similar dining facilities are not listed in a specific occupancy group category. The proposed change adds cafeterias, and similar dining facilities (including associated commercial kitchens) to Assembly Group A-2 occupancy. It also adds commercial kitchens not associated with restaurants, cafeterias, and similar dining facilities to Factory Group F-1 (Moderate-hazard) occupancy, i.e., bakery and catering kitchens.
3-03	Table 307.1(1) 414.1.3	Table 307.1(1) 307.4 414.1.3	Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard Information required	The material "Combustible Dust" has been added to Table 307.1(1) with reference to Section 414.1.3 which requires that a technical report for "Combustible Dust" be prepared by a qualified person, firm, or corporation and be submitted to the building official to address methods of protection from such hazards when it is manufactured, generated or used in concentrations and conditions that create a fire or explosion hazard.
3-04	308.2	308.2	Institutional	Numerous definitions of terms related to care facilities have been added or modified to clarify the application of categories identified in Section 308 related to Institutional Group I occupancy. These are listed in Chapter 3 and actually defined in chapter 2 and include: 24-Hour; Custodial Care; Detoxification Facilities; Foster Care Facilities; Hospitals and Psychiatric Hospitals; Incapable of Self-Preservation; Medical Care; and Nursing Homes.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
3-05	305.2 308.5.2	305.2.1 308.6.2	Group E, day care facilities Institutional Group I-4, day care facilities	<p>The current code classifies day care for more than five children older than 2 ½ years of age as Group E (Educational) occupancy, including such day care located in places of religious worship. The proposed modification classifies rooms and spaces providing such day care within places of religious worship during religious functions, to be part of the primary occupancy (A-3, places of religious worship).</p> <p>The current code classifies day care for more than five children 2 ½ years of age or less, on less than a 24-hour basis, as Group I-4 (day care facilities) occupancy, including such day care located in places of worship. The proposed modification classifies rooms and spaces providing such day care within places of religious worship during religious functions, to be part of the primary occupancy (A-3, places of religious worship).</p>
3-06	310.1	310.5	Residential Group R-3	Expands the list of Residential Group R-3 occupancy uses to include 1) Congregate living facilities (transient) with 10 or fewer occupants; 2) Congregate living facilities (non-transient) with 16 or fewer occupants; 3) Boarding houses (non-transient) with 16 or fewer occupants; and, 4) Boarding houses (transient) with 10 or fewer occupants.
3-07	310.1	310.6	Residential Group R-4	Clarifies Residential Group R-4 occupancies and specifically lists the following uses: Alcohol and drug centers, Assisted living facilities, Congregate living facilities, Convalescent facilities, Group homes, Halfway houses, Residential board and custodial care facilities, Social rehabilitation facilities <u>for 6 to 10 persons.</u>
3-08	308.2	308.3.1	Institutional Group I-1 Five or fewer persons receiving care	<p>The code currently classifies buildings housing five or fewer persons on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services, as Group R-3 occupancy, or permits such buildings to comply with the RCNYS. The proposed IBC 2012 change would require such buildings that comply with the RCNYS to be equipped with an automatic sprinkler system. The committee agreed to propose a modification to Section 308.3.1 of IBC 2012 as follows:</p> <p>308.3.1 Five or fewer persons receiving care. A facility such as the above with five or fewer persons receiving such care shall be classified as Group R-3 or shall comply with the International Residential Code of New York State. <u>provided an automatic sprinkler system is installed in accordance with Section 903.3.1.3 or with Section P2904 of the International Residential Code.</u></p> <p>Similar to 3-09, 3-10,</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
3-09	308.3	308.4.1	Institutional Group I-2 Five or fewer persons receiving care	<p>The code currently classifies buildings used for medical, surgical, psychiatric, nursing or custodial care for five or fewer persons on a 24-hour basis as Group R-3 occupancy, or permits such buildings to comply with the RCNYS. The proposed IBC 2012 change would require such buildings that comply with the RCNYS to be equipped with an automatic sprinkler system. The committee agreed to propose a modification to Section 308.4.1 of IBC 2012 as follows:</p> <p>308.4.1 Five or fewer persons receiving care. A facility such as the above with five or fewer persons receiving such care shall be classified as Group R-3 or shall comply with the International Residential Code of New York State. provided an automatic sprinkler system is installed in accordance with Section 903.3.1.3 or with Section P2904 of the International Residential Code.</p> <p>Similar to 3-08 and 3-10.</p>
3-10	New	310.5.1	Care facilities within a dwelling unit	<p>New section added to address “care facilities” for five or fewer persons within a single-family dwelling and allows them to comply with the RCNYS provided they are equipped with an automatic sprinkler system. The committee agreed to propose a modification to Section 310.5.1 of IBC 2012 as follows:</p> <p>310.5.1 Care facilities within a dwelling unit. Care facilities for five or fewer persons receiving care shall that are within a single-family dwelling are permitted to comply with the International Residential Code of New York State. provided an automatic sprinkler system is installed in accordance with Section 903.3.1.3 or with Section P2904 of the International Residential Code.</p> <p>Similar to 3-08 and 3-09.</p>
3-11	New	311.3	311.3	<p>The current code classifies the storage of beverages up to and including 12% alcohol as group S-2 (moderate hazard) occupancy. The proposed change increases the alcohol content to be increased from 12% to 16% and still be classified as Group S-2 occupancy.</p>
	CHAPTER 4		SPECIAL REQUIREMENTS	
4-01	402.2	402.2	Definitions (Covered Mall Building)	<p>The special conditions that apply to Covered Mall Buildings will now include Open Mall Buildings (newly defined).</p>
4-02	403.9	403.6.1	Fire service access elevators	<p>New provision for buildings with an occupied floor more than 120 feet above the lowest level of fire department vehicle access to require no fewer than 2 or all elevators, whichever is less, to be fire service access elevators. In addition each fire service access elevator shall have a capacity of not less than 3500 pounds.</p>
4-03	New	406.5.2.1	Openings below grade	<p>New provision that applies to below grade open parking garages which requires a minimum horizontal clear space in front of the opening to be a minimum of one and one-half times the depth of the opening below grade.</p>

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4-04	406.3.6	406.5.5	Area and height increases	This section allows area and height increases for open parking garages that have perimeter openings that exceed the minimum requirements. For the purposes of calculating the interior area of the sides, the modification limits the height needed to be considered in the calculation to 7 feet.
4-05	412.2.6	412.4.6	Fire suppression	The current code requires fire suppression in aircraft hangers to be installed in accordance with NFPA 412. A new section has been added that requires fire suppression for aircraft hanger depending on fire area, construction type and hanger group designation.
4-06	New	419	Live/work units	Newly proposed section that provides for and allows dwelling units and sleeping units to have space for nonresidential use and allows them to be classified as Group R-2 occupancy. The provision includes limitations and requirements that address size of space, employees, structural, accessibility, and plumbing facilities. The Committee agreed to propose the following modification concerning additional fire protection requirements for such units: 419.5 Fire protection. The live/work unit shall be provided with a monitored fire alarm system where required by Section 907.2.9 and an automatic sprinkler system in accordance with Section 903.2.8 . <u>Buildings containing live/work units shall be provided with an automatic sprinkler system in accordance with Section 903.2.8 and 903.3.1.1.</u>
4-07	New	422	Ambulatory Health Care Facilities	This change adds a new section that provides special requirements for ambulatory health care facilities classified as Group B occupancies and defined as “Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing, or similar care on a less than 24-hour basis to individuals who are rendered incapable of self-preservation by the services provided”. Increased safeguards provided might include smoke barriers, refuge area, independent egress for smoke compartments, automatic sprinkler system, and fire alarm system.
4-08	New	423	Storm Shelters	Adds provisions for the construction of Storm Shelters to be constructed in accordance with ICC-500.
4-09	New	424	Children’s Play Structures	New provision that regulates children’s play structures previously applicable only for covered mall buildings. This regulates materials, size, and placement of play structures.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
4-10	New	410.6	<p>Stages, Platforms and Technical Production Areas</p> <p>Means of egress</p>	<p>A proposed new section providing means of egress requirements for stages, platforms and technical production areas including:</p> <ol style="list-style-type: none"> 1. Requirement that one exit or exit access doorway be provided on each side of a stage where two or more exits are required. 2. Allowing exit access stairways and ramps serving a stage or platform to be unenclosed. 3. Adding a definition for “technical production areas”. 4. Requirement that technical production areas be provided with at least one means of egress, an exit access travel distance not greater than 300 feet for buildings without an automatic sprinkler system, an exit access travel distance not greater than 400 feet for buildings equipped throughout with an automatic sprinkler system, and limiting the common path of travel to 100 feet where two means of egress are required. 5. Allowing exit access components for technical production areas to include spiral stairs, catwalks, alternate tread devices, and permanent ladders. 6. Limiting the width of egress travel within technical support areas to 22 inches.
4-11	402.6	402.1.1	Covered Mall and Open Mall Buildings	<p>The current code requires malls to be surrounded on all sides by permanent open space of not less than 60 feet. This is proposed to be modified to allow a reduction to 40 feet under certain conditions including:</p> <ol style="list-style-type: none"> 1. The reduced open space is not more than 75% of the perimeter; 2. The exterior wall facing the reduced space has a minimum fire-resistance rating of 3 hours; 3. Openings in the exterior wall facing the reduced space has opening protectives having a minimum fire-resistance rating of 3 hours; and, 4. Groups E, H, I or R occupancies are not located within the mall.
4-12	New	402.4.3 402.4.3.1	Open Mall Construction	<p>New provision that requires floor assemblies in open mall buildings to be open to the atmosphere and that pedestrian walkways be separated from other pedestrian walkways by not less than 20 feet..</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
4-13	New	403.2.3	High-Rise Buildings Structural integrity of interior exit stairways and elevator enclosures	New provision for high-rise buildings of risk category III or IV and buildings and more than 420 feet in height. This will require wall assembly enclosures for interior stairways and elevator hoistway enclosures to meet or exceed the Soft Body Impact Level 2 (ASTM C1629/C1629M) classification. It also requires the face of such wall assemblies outside the enclosure to meet or exceed specific impact-resistant construction standards including the Hard Body Impact Level 2 or 3 classification. Concrete or masonry walls shall be deemed to satisfy these requirements.
4-14	New	403.2.4	High-Rise Buildings Spray fire-resistant materials (SFRM)	New provision for high-rise buildings that requires a minimum bond strength of SFRM of 430 PSF for buildings greater than 420 feet in height and 1,000 PSF for buildings greater than 420 feet in height.
4-15	New	403.3.1	High-Rise Buildings Number of sprinkler risers and system design Riser-location	New provision for buildings more than 420 feet in height that requires at least two (2) sprinkler risers for each sprinkler system zone. It also requires sprinkler risers to be located in remotely separated interior exit stairways.
4-16	New	403.3.2	High-Rise Buildings Water supply to required fire pumps	New provision which requires fire pumps to be supplied by connections with no fewer than two water mains located in different streets.
4-17	New	403.4.7	High-Rise Buildings Smoke removal	New provision which requires buildings to be equipped with smoke removal capability in post-fire salvage operations to include either a minimum distribution of windows around the perimeter of each floor or mechanical air-handling equipment having return and exhaust air moved directly to the outside without recirculation to other portions of the building.
4-18	New Similar to 1015.2.1 exc#2	403.5.1	High-Rise Buildings Remoteness of interior stairs	This modifies existing requirements by permitting interior stairs to be separated by a distance of not less than 30 feet or one-fourth of the length of the maximum overall diagonal dimension of the building or area served, whichever is less. The current requirement for all sprinklered buildings is one-third the length.
4-19	New	403.5.2	High-Rise Buildings Additional exit stairway	New provision that applies to buildings more than 420 feet in height, except for Group R-2 occupancies. It requires one additional exit stairway in addition to the normally required minimum number of exits by Section 1021.1. In lieu of the additional stair, an occupant self-evacuation elevator is permitted. See related items 4-22 and 30-2.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
4-20	New	403.5.5	High-Rise Buildings Luminous egress path	New provision to require luminous egress path markings in certain high-rise buildings. Similar to item 10-24.
4-21	New	403.6.1	High-Rise Buildings Fire service access elevator	New provision to require no fewer than two fire service access elevators, or all elevators, whichever is less, in buildings with an occupied floor more than 120 feet above the lowest level of fire department vehicle access.
4-22	New	403.6.2	High-Rise Buildings Occupant evacuation elevators	New provision to allow passenger elevators to be used for occupant self-evacuation. See related items 4-19 and 30-2.
4-23	402.4.6	402.8.7	Covered/Open Mall Bldgs Service areas fronting on exit passageways	<p>This section allows mechanical rooms, electrical rooms, building service areas and service elevators to open directly into exit passageways of covered mall and open mall buildings provided the exit passageway is separated from such rooms with not less than a 1-hour fire-resistance rated fire barriers. The IBC provides a slight modification of this provision for clarity. The Committee agreed to propose the following minor modification to clarify penetration requirements of such fire barriers as follows:</p> <p>402.8.7 Service areas fronting on exit passageways. Mechanical rooms, electrical rooms, building service areas and service elevators are permitted to open directly into exit passageways, provide the exit passageway is separated from such rooms with not less than 1-hour fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both. The fire protection rating of openings in the fire barriers shall be not less than 1 hour. <u>Penetrations of fire barriers enclosing exit passageways in covered mall buildings shall be protected in accordance with Section 714.</u></p> <p>See related item 10-30.</p>
4-24	419.3	420.3	Groups I-1, R-1, R-2, R-3	<p>The code currently requires floor assemblies separating dwelling units, sleeping units, and dwelling units from other occupancies contiguous to them to be constructed as horizontal assemblies in accordance with Section 711 (horizontal assemblies). The Committee agreed to propose the following minor modification as follows:</p> <p>420.3 Horizontal separation. Floor assemblies separating dwelling units in the same buildings, floor assemblies separating sleeping units in the same building and floor assemblies separating dwelling or sleeping units from other occupancies contiguous to them in the same building shall be constructed <u>and rated</u> as horizontal assemblies in accordance with Section 711.</p> <p>See related items 7-20 and 7-21.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
	CHAPTER 5		HEIGHTS AND AREAS	
5-01	501.2	501.2	Address Identification	Modifies address identification requirements by 1) giving the AHJ the authority to require additional identification for properties to facilitate emergency response and, 2) by requiring a monument, pole, sign or other approved means to identify a structure location where access is by means of a private road and the building cannot be viewed from the public way.
5-02	505.2.1	505.2.1	Area Limitation (Mezzanines)	Adds language to limit the aggregate area of a mezzanine and equipment platform in a room.
5-03	506.2.1	506.2.1	Width Limits	Defines how to measure <i>W</i> , the width of a public way or open space used to modify building area limitations. It is defined as being measured perpendicular from the face of the building to 1) the closest interior lot line or 2), to the exterior face of an opposing building on the same lot. Where the building fronts a public way the, <i>W</i> is measured to include the entire width of the public way.
5-04	507.6	507.6 507.7	Group A-3 buildings of Type II construction Group A-3 buildings of Types III and IV construction	<p>The code currently allows one-story buildings of Group A-3 occupancy (place of worship, community hall, dance hall, exhibition hall, gymnasium, lecture hall, indoor swimming pool or tennis court) and Type II occupancy to have an unlimited area under the following conditions:</p> <ol style="list-style-type: none"> 1. The building shall not have a stage other than a platform; 2. The building is equipped throughout with an automatic sprinkler system (NFPA 13); 3. The assembly floor is at or within 21-inches of street or grade level and all exits are provided with ramps to grade level; and 4. The building is surrounded by public ways or yards not less than 60 feet in width. <p>The section is subdivided into 2 sections.</p> <p>The first (Section A-3) eliminates the requirement (No. 3) that the assembly floor be within 21-inches of the street or grade level and that all exits be provided with ramps to grade level.</p> <p>The second adds the unlimited area allowance to include Types III and IV construction provided that all four conditions are met, including the provision (No. 3) that the assembly floor be at or within 21-inches of street or grade level and all exits are provided with ramps to grade level.</p>

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5-05	507.7	507.8 507.8.1.1.1 507.8.1.1.2 507.8.1.1.3 507.8.2	Group H occupancies Liquid use, dispensing and mixing rooms; Liquid storage rooms; Spray paint booths; Located on building perimeter	<p>The code currently permits Group H occupancies in unlimited area buildings containing Group F and S occupancies under certain conditions. This modification adds a requirement that such Group H occupancies be located on the perimeter of buildings with the exception of:</p> <ol style="list-style-type: none"> 1. Liquid use, dispensing and mixing rooms of not more than 500 square feet; 2. Liquid storage rooms of not more than 1,000 square feet; and, 3. Spray paint booths. <p>This modification also requires Group H-2 and H-3 occupancies to have not less than 25 % of their perimeter to be an exterior wall.</p>
5-06	508.3.1	508.2	Accessory occupancies	<p>The code contains special allowances for accessory occupancies that are less restrictive than if they were classified as separated or nonseparated uses provided that they occupy not more than 10% of each story in which they are located on with the following exceptions:</p> <ol style="list-style-type: none"> 1. Accessory assembly areas having a floor area less than 750 square feet are not considered separate occupancies; 2. Assembly areas accessory to Group E occupancies are not considered separate occupancies; 3. Accessory religious educational rooms and religious auditoriums with occupant loads of less than 100 are not considered separate occupancies. <p>The modification eliminates these exceptions.</p>
5-07	Table 508.3.3	Table 508.4	Occupancies	<p>The code contains a table that provides fire separation requirements that are applied to the optional separated occupancy provisions of Section 508.3.3.4 (508.4 IBC 2012).</p> <p>The column and row for Group I occupancy is proposed to be subdivided into two (2) columns and rows, 1) for Groups I-1, I-3, and I-4 occupancies and 2) for Group I-2 (hospitals, nursing homes, etc.). This increases the fire separation requirement between I-2 occupancy and Groups A, I-1, I-3, I-4, R, B, F-1, F-2, M, S-1, and S-2 occupancies</p> <p>The exception (footnote b), the eliminates the requirement for a fire-separation between certain storage areas and B and M occupancies is proposed to be deleted.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
5-08	Table 508.2	Table 509	Incidental Uses	<p>Modifies the separation and/or protection requirements for Incidental Uses. The category of “stationary storage battery systems” is modified from those having a liquid capacity of 100 gallons to those having a liquid capacity of 50 gallons for flooded lead-acid, nickel cadmium or VRLA, or more than 1,000 pounds for lithium-ion and lithium metal polymer.</p> <p>Storage rooms over 100 square feet is deleted from the incidental use area table. The Committee agreed to delete footnote “a” of the current New York State enhancement to Table 508.2 of the 2010 BCNYS as follows:</p> <p>a. Storage areas larger than the main occupancy shall be regulated as a mixed occupancy.</p>
5-09	Table 508.2	Table 509	Incidental Uses	<p>The protection requirements for incidental uses currently requires fire extinguishing systems for certain uses or as an option to rated fire barriers or horizontal assemblies. This has been modified so that the method of fire extinguishing shall be an automatic sprinkler system. Also, the 1-hour fire separation requirement for waste and linen collection rooms in I-2 occupancies now includes this requirement for ambulatory care facilities.</p>
5-10	509.2	510.2	Horizontal building separation allowance	<p>This is a special provision that allows construction above and below a horizontal separation to be considered as separate buildings for the purpose of determining area limitations, continuity of fire walls, limitations of stories, and construction type. The proposed modifications include:</p> <ol style="list-style-type: none"> 1. A clarification that only the building portion below the horizontal separation needs to be of type 1A construction and the horizontal separation does not exceed one story above grade plane. 2. Expands the allowable uses of the building below to include Groups A (less than 300 occupants), B, M, and R. <p>Requires an automatic sprinkler system for the building below.</p>
5-11	509.5	510.5	Groups R-1 and R-2 buildings of Type IIIA construction	<p>This is a special provision for buildings of Group R-2 occupancy and type IIIA construction where the first floor has a fire-resistance rating of not less than 3 hours and the floor area is subdivided by 2-hour fire-resistance rated fire walls into areas of not less than 3,000 s.f. It allows the height of such buildings to be increased to six stories and 75 feet from 4 stories and 65 feet. The proposed modification adds Group R-1 occupancy to this provision.</p>
5-12	509.6	510.6	Groups R-1 and R-2 buildings of Type IIA construction	<p>This is a special provision for buildings of Group R-2 occupancy and type IIA construction where the building is separated by not less than 50 feet from other buildings and lot lines, with enclosed 2-hour fire-resistance rated exits, and 1 ½-hour fire-resistance rated first floor construction. It allows the height of such buildings to be increased to nine stories and 100 feet from 4 stories and 65 feet. The proposed modification adds Group R-1 occupancy to this provision.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
5-13	509.8	510.8	Group B or M with Group S-2 open parking structure	This is a special provision for Groups B and M occupancies located below open parking structures (S-2) that allows construction above and below a horizontal separation to be considered as separate buildings for the purpose of determining construction type. The proposed modifications in effect require the fire-resistance rating of the horizontal separation to be at least 2-hours as opposed to 1-hour with an automatic sprinkler system.
5-14	503.1 Table 503	503.1 Table 503	Allowable Building Heights and Areas	<p>Reduces the allowable number of stories for Groups B and M occupancy of Type IIB construction; and, for Groups B, M, S-1, S-2 occupancy of Type IIIB construction as follows:</p> <p>Type IIB Construction</p> <ul style="list-style-type: none"> • B occupancy is reduced from 4 to 3 stories • M occupancy is reduced from 4 to 2 stories <p>Type IIIB Construction</p> <ul style="list-style-type: none"> • B occupancy is reduced from 4 to 3 stories • M occupancy is reduced from 4 to 2 stories • S-1 occupancy is reduced from 3 to 2 stories • S-2 occupancy is reduced from 4 to 3 stories
5-15	507.6	507.6	Unlimited Area Buildings Group A-3 buildings of type II construction	<p>The code currently allows certain A-3 occupancy uses in type II one-story buildings to have unlimited area under the following conditions:</p> <ol style="list-style-type: none"> 1. The building has no stage. 2. The building is equipped with an automatic sprinkler system. 3. The assembly floor is located within 21 inches of street or grade level. <p>Condition #3 is proposed to be replaced with a new condition that the building be surrounded by a public way or yards not less than 60 feet in width.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
5-16	New	507.7	Unlimited Area Buildings Group A-3 buildings of types III and IV construction	New provision that allows certain A-3 occupancy uses in types III and IV one-story buildings to have unlimited area under the following conditions: 1. The building has no stage. 2. The building is equipped with an automatic sprinkler system. 3. The assembly floor is located within 21 inches of street or grade level. 4. The building is surrounded by a public way or yards not less than 60 feet in width.
5-17				Reserved
5-18	Table 508.3.3	Table 508.4	Required Separation of Occupancies	The current code requires separations between occupancies that are regulated as separated uses with an exception that separations are not required for storage areas within Groups B and M if the storage area is less than 10 percent of the floor area; is equipped with an automatic fire-extinguishing system and is less than 3,000 SF; or, is an area less than 1,000 square feet. The modification eliminates this exception.
5-19	506.4.1	506.5.2	Mixed occupancy area determination	The code provides a method to calculate allowable building areas. The committee agreed to propose a modification for more clarity as follows: 506.5.2 More than one story above grade plane. For buildings with more than one story above grade plane and containing mixed occupancies, each story shall individually comply with the applicable requirements of Section 508.1. For buildings with more than three stories above grade plane, the total building area shall be such that the aggregate sum of the ratios of the actual area <u>divided by the allowable of all uses</u> each story divided by the allowable area of such stories based on the applicable provisions of Section 508.1 shall not exceed 3.
5-20	501.3	NYS proposed continued enhancement	Fire apparatus access road	The following NYS enhancement is proposed to be maintained: <u>501.3 Fire apparatus access roads.</u> Fire apparatus access roads shall be provided in accordance with Section 503 of the Fire Code of New York State.
5-21	501.4	NYS proposed continued enhancement	Required water supply	The following NYS enhancement is proposed to be maintained: <u>501.4 Required water supply.</u> A water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction in accordance with Section 508 of the Fire Code of New York State.

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5-22	508.3.3.2	NYS proposed continued enhancement	Allowable building area	<p>The following NYS enhancement is proposed to be maintained:</p> <p>Allowable building area. In each story, the building area shall be such that the sum of the ratios of the actual floor area of each occupancy divided by the allowable area of each occupancy shall not exceed one. <u>The sum of the ratios applies to every mixed use on the story even when Table 508.3.3 does not require a fire-resistance rating between the proposed uses.</u></p> <p>Exception: <u>The allowable area of any individual fire area may comply with 508.3.2 as a non-separated mixed use.</u></p>
5-22	Table 508.3.3	NYS proposed continued enhancement	Required separation of occupancies	<p>The following NYS enhancement is proposed to be maintained:</p> <p>Note: Table is revised to add a separate column and row for B and M occupancies.</p>
	CHAPTER 6		TYPES OF CONSTRUCTION	
6-01	Table 601	Table 601	Fire-Resistance Rating Requirements For Building Elements	The proposed modification redefines the <i>Structural Frame</i> building element to be <i>Primary Structural Frame</i> which by definition includes bracing members whether or not they carry gravity loads.
6-02	Table 602	Table 602 Footnote h	Fire-Resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance	The required fire-resistance rating for certain nonbearing exterior walls is permitted to be 0 hours where Table 705.8 permits nonbearing exterior walls with unlimited area of unprotected openings.
6-03	603	603 603.1	Combustible Material in Types I and II Construction Allowable materials	The current code does not allow fire-retardant-treated-wood for roof construction in both type IA and IB construction of buildings exceeding two stories in height when the vertical distance from the upper floor to the roof is less 20 feet. The proposed modification does not apply this restriction only to type 1B construction but continues the 20 foot requirement for Type 1A construction.
	CHAPTER 7		FIRE RESISTANCE RATED CONSTRUCTION	

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
7-01	New	703.7	Marking and identification	<p>This proposed modification adds a new section that applies to fire walls, fire barriers, fire partitions, smoke barriers, and smoke partitions required to have protected openings. It requires such walls to be permanently identified with signs or stenciling with suggested wording as "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS". The sign or stenciling is required to be located in accessible concealed floor, floor-ceiling or attic spaces. The committee agreed to propose a modification to the exception for this new requirements as follows:</p> <p>Exception: Walls in Group R-2 occupancies that do not have a removable decorative ceiling allowing access to the concealed space <u>Walls without accessible concealed spaces shall not be required to be identified.</u></p>
7-02	704.2	705.2 Table 705.2	Minimum Distance of Projection	<p>The proposed modification adds a new table which simplifies building projection limits, allows building projections to be measured from the line used to determine fire separation distance, and is based on the actual fire separation distance of the building as opposed to the theoretical degree of opening protection. The committee agreed to propose a modification to the exception for this requirements as follows:</p> <p>Exception: <u>Projections extending beyond the exterior walls that face each other on</u> Buildings <u>buildings</u> on the same lot and considered as portions of one building in accordance with Section 705.3 are not required to comply with this section.</p>
7-03	704.2.3	705.2.3	Combustible Projections	<p>Requires combustible projections located where openings are not permitted or where protection of openings is required to be of 1-hour fire-resistance rated construction, type IV construction, fire-retardant-treated wood, or as required for balconies in section 1406.3. The proposed modification adds these requirements to combustible projections extending within 5 feet of the line used to determine the fire separation distance.</p>
7-04	704.8	705.8.1	Allowable area of openings	<p>The section currently limits the maximum area of openings in an exterior wall in a story of a building to percentages specified in Table 704.8 (705.8). The modification adds an exception that will allow unlimited unprotected openings in buildings whose exterior walls, exterior nonbearing walls, and exterior primary structural frame are not required to be fire-resistance rated.</p>
7-05	Table 704.8	Table 705.8	Maximum Area of Exterior Walls Openings	<p>The table currently limits the maximum area of openings in an exterior wall in a story of a building based on fire separation distance and two (2) classifications of openings, 1) protected and 2) unprotected. The proposed modification adds a third classification of openings, i.e., unprotected, sprinklered.</p>
7-06	705.2	706.2	Fire Walls Structural Stability	<p>The code requires fire walls to have sufficient structural stability under fire conditions to allow the collapse of construction on either side without the collapse of the wall for the duration of time required. The modification specifically allows the construction of a double fire wall in accordance with NFPA 221 in lieu of the structural stability requirement.</p>
7-07	New	706.6.2	Buildings with Sloped Roofs	<p>New provisions have been added to address minimum parapet height requirement for fire wall parapets where a sloped roof is adjacent to one or both sides of the parapet.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
7-08	705.8	706.8	Openings	The proposed modification increases the allowable opening size allowed in a fire wall from 120 s.f. to 156 s.f. (13x12)
7-09	707.13	713.13	Refuse and Landry Chutes	The code includes requirements applicable to refuse and laundry chutes for all occupancies except chutes serving and contained within a single dwelling unit. The modification will exempt I-2 occupancies from refuse and laundry chute provisions of the code but requires I-2 occupancies to comply with the provisions of NFPA 82 (Incinerator and Waste and Linen Handling Systems and Equipment), Chapter 5 (Waste and Linen chutes and Transport Systems).
7-10	707.13.4	713.13.4	Termination Room	The code currently requires a minimum one-hour fire-resistance rated enclosure where refuse and laundry chutes discharge. The modification includes this requirement for recycling chutes and requires the enclosure to be consistent with the shaft enclosure requirement.
7-11	707.14 Exception 4.1	708.14.1 Exception 4.1	Elevator Lobby	The code currently requires that an enclosed elevator lobby be provided at each floor where an elevator shaft enclosure connects more than three stories with numerous exceptions including one for buildings protected by an automatic sprinkler system, not including elevator shaft enclosures that connect stories used by patients for sleeping, treatment, or with an occupant load of 50 or more persons in Group I-2 occupancies. The proposed modification would eliminate this exception for all Group I-2 occupancies.
7-12	713.14.1 Exception 4.3	713.14.1 Exception 4.3	Elevator Lobby	The code currently provides an exception to the general requirement that an enclosed elevator lobby be provided at each floor where an elevator connects more than 3 stories. The exception exempts the elevator lobby enclosure requirement for buildings equipped with an automatic sprinkler system, not including high-rise buildings. The modification would allow the exemption in high-rise buildings for elevators serving floors that are 75 feet or less above the lowest level of fire department vehicle access.
7-13	707.14.2.1	708.14.2.1	Pressurization requirement	The code specifies pressurization standards for elevators that are pressurized in lieu of otherwise required enclosed elevator lobbies. It requires pressurization to maintain a minimum positive pressure of 0.04 inches of water and a maximum positive pressure of 0.06 inches of water with respect to adjacent occupied space on all floors. The proposed modification would increase this pressure to 0.10 inches of water minimum and 0.25 inches of water maximum.
7-14	711.4	711.4	Horizontal Assemblies Continuity	This section currently requires supporting construction for fire-resistance rated horizontal assemblies to be protected to afford the same fire-resistance rating of the horizontal assembly. The proposed modification provides the following exceptions for buildings of types IIB, IIIB, or VB construction: <ol style="list-style-type: none"> 1. Horizontal assemblies at the separation of incidental uses provided the required fire-resistance rating does not exceed 1-hour. 2. Horizontal assemblies at the separations of dwelling unit and sleeping units. 3. Horizontal assemblies at smoke barriers.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
7-15	New	711.9	Horizontal Assemblies Smoke barriers	New proposed section that applies to elevator shaft enclosures that penetrate horizontal assemblies and requires all doors located in elevator shaft enclosures to be protected by an enclosed elevator lobby regardless of the number of stories connected by the elevator shaft enclosure.
7-16	New	715.4.1	Exterior curtain wall/nonfire-resistance-rated floor assembly intersections	New proposed section that requires voids created at the intersection of exterior curtain wall assemblies and nonfire-resistance-rated floor/ceiling assemblies to be sealed to retard the interior spread of fire and hot gases between stories.
7-17	New	716.5.6	Exterior walls	New proposed section that requires ducts and air transfer openings in fire-resistance-rated exterior walls, required to have protected openings, to be protected with fire dampers.
7-18	716.5.4	717.5.4	Fire partitions	New proposed exception that would eliminate the requirement for fire dampers in fire partitions, having no more than a 1-hour fire resistance-rating, where penetrated by ducted HVAC systems and where the building is equipped throughout with an automatic sprinkler system.
7-19	717.2.6	718.2.6	Exterior wall coverings	New proposed exception exterior wall fireblocking requirement where the exterior wall covering has been tested in accordance with NFPA 285.
7-20	708.1	708.1	Fire Partitions General	<p>The code currently provides general requirements for fire partitions. The committee agreed to propose a modification to this provision as follows:</p> <p>708.1 General. The following wall assemblies shall comply with this section.</p> <p>1. Walls separating dwelling units in the same building as required by Section 420.2.</p> <p>2. Walls separating sleeping units in the same building as required by Section 420.2</p> <hr/> <p>1. <u>Walls separating dwelling units, sleeping units, and walls separating dwelling units or sleeping units from other occupancies contiguous to them as required by Section 420.2.</u></p> <p>3. <u>2.</u> Walls separating tenant spaces in covered and open mall buildings as required by Section 402.4.2.1.</p> <p>4. <u>3.</u> Corridor walls as required by Section 1018.1.</p> <p>5. <u>4.</u> Elevator lobby separation as required by Section 713.14.1</p> <p>See related items 4-24 and 7-21</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
7-21	711.3	711.3	Horizontal Assemblies	<p>The code currently provides fire resistance rating requirements for horizontal assemblies. The committee agreed to propose a modification to require dwelling units and sleeping units to be separated from other occupancies as follows:</p> <p>711.3 Fire-resistance rating. The fire-resistance rating of floor and roof assemblies shall not be less than that required by the building type of construction. Where the floor assembly separates mixed occupancies, the assembly shall have a fire-resistance rating of not less than that required by Section 508.4 based on the occupancies being separated. Where the floor assembly separates a single occupancy into different fire areas, the assembly shall have a fire resistance rating of not less than that required by Section 707.3.10. <u>Horizontal assemblies separating dwelling units, sleeping units, and horizontal assemblies separating dwelling units or sleeping units from occupancies contiguous to them as required by Section 420.3 in the same building and horizontal assemblies separating sleeping units in the same building</u> shall be a minimum of 1-hour fire-resistance-rated construction.</p> <p>See related items 4-24 and 7-20.</p>
7-22	707.2 Item #7	712.1.8	Vertical Openings	<p>The code currently provides conditions which allow openings through floor/ceiling assemblies without an enclosure. The committee agreed to propose a modification to one of these conditions as follows:</p> <p>712.1.8 Two-story openings. In other than Groups I-2 and I-3, a floor opening that is not used as one of the applications listed in this section shall be permitted if it complies with all of the items below.</p> <ol style="list-style-type: none"> 1. Remains the same. 2. Does not contain a stairway or ramp required by Chapter 10 <u>except as permitted by the exceptions to Section 1009.3.</u> 3. - 7. Remain the same
7-23	706.3.9	707.3.10	Fire Barriers Fire areas	<p>The committee agreed to propose a minor modification to clarify fire barrier and horizontal assembly separation requirements when dividing areas within a building into fire areas as follows:</p> <p>707.3.10 Fire areas. The fire barriers or horizontal assemblies, or both, separating a single occupancy into different fire areas shall have a fire-resistance rating of not less than that <u>the highest value indicated in Table 707.3.10 for the occupancies under consideration.</u> The fire barriers or horizontal assemblies, or both, separating fire areas of mixed occupancies shall have a fire-resistance rating of not less than the highest value indicated in Table 707.3.10 for the occupancies under consideration.</p>
	CHAPTER 8		INTERIOR FINISHES	

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
8-01	803.5 Table 803.5	803.9 Table 803.9	Interior finish requirements based on group	The interior wall/ceiling finish requirement for rooms and enclosed spaces for nonsprinklered Group R-4 (residential care and assisted living) occupancies is proposed to be changed from B to C.
8-02	804.4.1	804.4.1	Minimum critical radiant flux	Proposed change adds a requirement that the minimum critical radiant flux for interior floor finish in exit enclosures, exit passageways and corridors, in group I-1 occupancies to be not less than a Class 1. The current code does not have any requirement for Group I-1 occupancies.
	CHAPTER 9		FIRE PROTECTION SYSTEMS	
To be reviewed by Fire Code Technical Subcommittee				
	CHAPTER 10		MEANS OF EGRESS	
10-01	1005.1 Table 1005.1	1005.3	Means of Egress Sizing	The proposed change enhances the allowance for a reduction in the minimum required egress width for buildings equipped with an automatic sprinkler system by also requiring an emergency voice/alarm communication system. The proposed change also removes the table (1005.1) that describes egress width requirements and includes these requirements in the text.
10-02	1007.3 1007.4	1007.3 1007.4	Exit stairways Elevators	The code requires stairways and elevators that are designated as an accessible means of egress to be accessed from an area of refuge. The proposed change provides an exception to the area of refuge requirement when the building is equipped with an automatic sprinkler system and for smoke protected seating areas.
10-03	New	1007.8	Two-way communication	Proposed new section requires two-way communication at the elevator landing at each accessible floor unless two-way communication is located within areas of refuge or where floors are provided with exit ramps.
10-04	1008.1.2 New	1008.1.2 Item #9	Door swing	Proposed change allows manually operated sliding egress doors from all spaces, other than group H occupancies, having an occupant load of 10 or less. The Committee agreed to propose the following modification as follows: 9. In other than Group H occupancies, manually operated horizontal sliding doors are permitted in a means of egress from spaces with an occupant load of 10 or less, as long as the door handles, pulls, latches, locks and other operating devices do not require tight grasping, tight pinching or twisting of the wrist to operate.
10-05	1008.1.8.4	1008.1.9.4	Bolt locks	The proposed change adds additional exceptions to the general requirement that manually operated bolts are not permitted on doors including: 1. The inactive leaf on a pair of doors serving an occupant load of 50 or less in Groups B, F, or S occupancies. 2. The inactive leaf on a pair of doors where the inactive leaf is not needed to meet egress width requirements and where the building is equipped throughout with an automatic sprinkler system. 3. Where a pair of doors serves patient care rooms in Group I-2 occupancies and the inactive leaf is not needed to meet egress width requirements.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
10-06	New	1008.1.9.6	Special locking arrangements in group I-2	<p>New proposed section that allows approved special locking arrangements for Group I-2 (hospitals, nursing homes, etc.) occupancies under certain conditions including:</p> <ol style="list-style-type: none"> 1. Doors unlock upon activation of the automatic sprinkler or fire detection systems. 2. Doors unlock upon the loss of power. 3. Doors unlock by a signal from the fire command center, nursing station or approved location. 4. Procedures for operation of the unlocking system are described as part of emergency planning and preparedness required by the Fire Code. 5. All clinical staff have necessary means to operate locking devices. 6. Emergency lighting is provided at the door.
10-07	1008.1.8.7	1008.1.9.11	Stairway doors	<p>The code currently requires interior stairway egress doors to be openable from both sides without the use of a key or special knowledge or effort and provides exceptions to this requirement. This proposed modification adds the following exceptions:</p> <ol style="list-style-type: none"> 1. Stairway exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group B, F, M, and S occupancies where the only interior access to the tenant space is from a single exit door where permitted in Section 1021.2. 2. Stairway exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group R-2 occupancies where the only interior access to the dwelling unit is from a single exit stair where permitted in Section 1021.2.
10-08	New	1008.1.9.9	Electromagnetically locked egress doors	New proposed section that allows the use of electronically locked egress doors.
10-09	1008.1.9	1008.1.10	Panic and fire exit hardware	The proposed modification adds listing requirements for panic hardware and fire exit hardware.
10-10	1009.3	1009.7.5.3	Solid risers	Proposed change adds exceptions to the general requirement that all stair risers be solid to include Groups I-3, F, H, and S occupancies in areas that are not accessible to the public.
10-11	1009.10	1009.15	Handrails	The current code requires handrails for changes in room elevations of two or more risers in Group R-2 and R-3 occupancies. The proposed change would only require handrails in room elevations of four or more risers.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
10-12	New	1009.14	Ship ladders	A newly proposed section that allows ship ladders in Group I-3 (jails) occupancies as a component of a means of egress to and from control rooms or elevated facility operation stations not more than 250 s.f. in area with not more than 3 occupants and to unoccupied roofs.
10-13	New	1009.17	Stairway to elevator equipment.	New proposed section would require a stairway to roofs and penthouses containing elevator equipment.
10-14	1011.1	1011.1	Exit Signs Where required	This proposed modification expands the requirement for exit signs to within exits, as opposed to only exit access, in cases where the path of egress travel is not immediately visible to occupants.
10-15	New	1011.2	Floor level exit signs in Group R-1.	New proposed section that applies when exit signs are required, additional low level exit signs be provided in all areas serving guestrooms in Group R-1 occupancy, near the floor level.
10-16	1012.2	1012.2	Handrails Height	Proposed change provides handrail height requirements for alternating tread devices that differ from conventional stairs.
10-17	1012.3	1012.3	Handrail graspability	Proposed modification that adds an alternative handrail graspability type that is acceptable for certain dwelling units.
10-18	1013.3	1013.4	Guards Opening limitations	The code currently has exceptions to the general requirement that guard openings be limited to allow the passage of a sphere no more than 4 inches in diameter. The proposed change adds an exception to allow a 4 3/8 inches sphere at a height of 36 inches to 42 inches.
10-19	New	1013.8	Window sills	New proposed section that applies to operable windows where the opening of the sill portion is more than 72 inches above finished grade. It requires that the lowest part of the clear opening of the window to be at a height of not less than 36 inches above the finished floor surface unless the clear opening does not allow the passage of a 4-inch diameter sphere where such opening is located within 36 inches of the floor.
10-20	1014.3	1014.3	Common path of egress travel	The code currently allows the common path of egress travel for Group R-2 occupancies to be 125 feet when the building of equipped with an NFPA 13 automatic sprinkler system. The proposed modification allows the common path of egress travel to be 125 feet with an NFPA 13R automatic sprinkler system.
10-21	1015.1	1015.1	Exits or exit access doorways from spaces	The code currently requires 2 exits or exit access doorways from dwelling units in buildings of Group R-2 occupancy when the calculated occupant load exceeds 10 (2000 sf). The proposed change would only require such dwelling units to have 2 exits or access doorways when the calculated occupant load exceeds 20 (4000sf).
10-22	1016.1 1016.2	1016.2	Exit Access Travel Distance Limitations	The current code allows the exit access travel distance for one-story buildings of Groups F-1 and S-1 occupancies equipped with an automatic sprinkler system to be increased from 250 feet to 400 feet if the building is also equipped with automatic heat and smoke roof vents. The proposed change would eliminate this increase.
10-23	1017.3 Exc. #2	1018.4 Exc. #2	Dead ends	The current code limits the length of dead ends in corridors to 20 feet with an exception for Groups B and F occupancies in which the length of the dead end corridor is permitted to 50 feet provided that the building is equipped with an automatic sprinkler system. The proposed change allows this exception to include Groups E, I-1, M, R-1, R-2, R-4, S, and U occupancies.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
10-24	New	1024	Luminous Egress Path Markings	This code change proposal adds a new section which applies to high rise buildings of Group A, B, E, I, and R-1 occupancies. It requires luminous egress path markings in interior exit stairways, interior exit ramps, and exit passageways. Similar to 4-20.
10-25	1025	1028	Assembly	The current code devotes an entire section applicable to Group A occupancies. The proposed change expands the scope of this section to include all rooms or spaces used for assembly purposes which contain seats, tables, displays, equipment or other material. The committee agreed to propose a modification to Section 1028.1 as follows: 1028.1 General. A room or space used for assembly purposes <u>with an occupant load of 50 or more persons</u> which contains seats, tables, equipment or other materials shall comply with this section.
	1025.3	1028.3	Assembly other exits	The committee also agreed to propose a new subsection to IBC Section 1028.3. This is a slight variation of the New York State enhancement of the 2010 BCNYS in last sentence of Section 1025.1. 1028.3.1 Three or more exits or exit access. <u>The minimum number of exits or exit access doors provided, consisting of the main exit and other exit access doors, shall be 3 for an occupant load of 350-700 persons and at least 4 for an occupant load of more than 700 persons.</u> The above proposal is to replace the current NYS enhancements to sections 1025.1 and 1025.3.
10-26	1025.4	1028.4	Foyers and lobbies	The current code requires foyer and lobby waiting areas in Group A-1 occupancy to be separated from the required means of egress by permanent partitions or fixed rigid rails. The proposed code change deletes this requirement.
10-27	1004.1.1	1004.1.2	Occupant Load Areas without fixed seating	The current code establishes a method of determining occupant loads based on specified floor areas per occupant. The IBC (2006, 2009, and 2012) adds an exception that allows the code enforcement official to accept a reduced occupant load based on a reported actual occupant load. The committee recommends maintaining the NYS enhancement that does not allow the CEO to accept a reduced occupant load.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
10-28	1014.2 Item #4 New exception	1014.2 Item #4 Exception #2	Egress through intervening spaces	<p>The current code prohibits egress through kitchens, storage rooms, closets or spaces used for similar purposes. The IBC 2012 adds an exception that would allow means of egress through stockrooms in Group M occupancies when certain requirements are met. The committee agreed to propose a modification to this exception as follows:</p> <p>Exceptions:</p> <p>2. Means of egress are not prohibited through stockrooms in Group M occupancies when all of the following are met:</p> <p>2.1 The stock room is of the same hazard classification as that found in the main retail area;</p> <p>2.2 Not more than 50 percent of the exit access is through the stockroom;</p> <p>2.3 The stockroom is not subject to locking from the egress side; and</p> <p>2.4 There is a demarcated, minimum 44-inch-wide (1118 mm) aisle defined by full or partial-height fixed walls at least 42 inches in height or fixed similar construction such as <u>railings or guards</u> that will maintain the required width and lead directly from the retail area to the exit without obstructions. <u>Openings in this aisle wall shall be the minimum width necessary for stock transfer.</u></p>
10-29	1021.5	1023.6	Exit Passageways Penetrations	<p>The code currently prohibits penetrations through an exit passageway except for required exit doors, equipment and ductwork necessary for independent pressurization, sprinkler piping, standpipes, electrical raceway for fire department communication and electrical raceway serving the exit passageway and terminating at a steel box not exceeding 16 square inches. The 2012 IBC adds a condition to allow membrane penetration on the outside of the exit passageway. The committee agreed to propose an additional exception as follows:</p> <p>Exceptions:</p> <p><u>1. Membrane penetrations shall be permitted on the outside of the exit passageway. Such penetrations shall be protected in accordance with Section 714.3.2.</u></p> <p><u>2. Penetrations of fire barriers enclosing exit passageways in covered mall buildings as permitted in Section 402.8.7.</u></p> <p>See related item 4-23.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
10-30	1009.5.3	1009.9.3	Enclosures under interior stairways	<p>The code currently requires walls and soffits within enclosed usable spaces under enclosed and unenclosed stairways to be protected by 1-hour fire-resistance rated construction and prohibits access to the enclosed space from being within the stair enclosure. The committee agreed to propose an additional exception as follows:</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Spaces under stairways serving and contained within a single residential dwelling unit in Group R-2 or R-3 shall be permitted to be protected on the enclosed side with 1/2-inch (12.7mm) gypsum board. 2. <u>Elevator machine rooms shall not be allowed within enclosed spaces under interior stairways.</u> <p>See related item 30-1.</p>
	CHAPTER 11		ACCESSIBILITY	
<p>The Subcommittee recommends replacing Chapter 11 with the modified text included at the end of this document as a supplement. Underlines and strikeouts are proposed modifications to Chapter 11 of IBC 2012. It is understood that the final text will be the same as the future IBC 2015 based on the recent ICC Final Action hearing results in Portland, Oregon with the exception of some previous NYS enhancements and newly proposed enhancements by the subcommittee.</p>				
11-01	1103.2.3	1103.2.3	Employee work areas	The code currently exempts employee work areas from accessibility requirements where they are less than 150 s.f. in area and elevated 7 or more inches where the elevation is essential to the function of the space. The proposed code change increases the 150 s.f. area that qualifies for the exemption to 300 s.f.
11-02	New	1103.2.13	Live/work units	New provision that requires live/work units, i.e., dwelling or sleeping units in which a significant portion of the space includes nonresidential use, to be accessible.
11-03	1107.3	1107.3	Accessible spaces	The code currently requires rooms and spaces available to the general public or for use by residents and serving accessible units, type A units and type B units to be accessible. The proposed change provides an exception for doors to sleeping units in Group I-2 (hospitals, nursing homes, etc.) occupancies. It exempts the door maneuvering clearance on the room side if the door is a minimum of 44 inches in width.
11-04	1108.4.1	1108.4.1	Courtrooms	The code currently requires courtrooms to be fully accessible. The proposed code change scopes the specific courtroom spaces and features that require accessibility.
11-05	1109.3	1109.2.3	Lavatories	Newly proposed section that requires at least 5 percent but not less than one accessible lavatory, where lavatories are provided. In addition, where the total lavatories provided in a toilet room or bathing facility is six or more, it requires at least one with enhanced reach ranges in accordance with ANSI A117.1.
11-06	New	1109.14	Fuel dispensing systems	New Section that requires Fuel-dispensing systems to be accessible.
11-07	New	1109.6	Saunas and steam rooms	New Section that requires saunas and steam rooms to be accessible except in areas where saunas and steam rooms are clustered at a single location where at least 5 percent of saunas and steam rooms are required to be accessible.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
11-08	New	1110.4	Variable message sign	New section that requires variable message signs where provided at transportation facilities and emergency shelters to comply with ANSI A117.1
11-09	1103.2.9	1103.2.9	Equipment spaces	<p>The committee proposed to keep the same text as in the current BCNYS and IBC 2012. The following shows how this would modify the text of the IBC 2015.</p> <p>1103.2.9 Equipment spaces. Spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment are not required to comply with this Chapter. <u>Such spaces include, but are not limited to, elevator pits, elevator penthouses, mechanical, electrical or communications equipment rooms, piping or equipment catwalks, water or sewerage treatment pump rooms and stations, electric substations and transformer vaults, and highway and tunnel utility facilities.</u></p>
11-10	1106.1.1	1106.5	Accessible spaces	<p>The committee proposed to keep the same text as in the current BCNYS. The following shows how this would modify the text of the IBC 2015:</p> <p>1106.5 Van spaces. For every six or fraction of six accessible parking spaces, at least shall be van accessible parking space:</p> <p>1106.5 Accessible spaces. All accessible parking spaces shall be in conformance with ICC/ANSI A117.1 except that spaces shall be provided with access aisles at least 8 feet (2440 mm in width).</p> <p>Exception: In Group R-2 and R-3 occupancies, van accessible spaces located within private garages shall be permitted to have vehicular routes, entrances, parking spaces and access aisles with a minimum vertical clearance of 7 feet (2134 mm).</p>
11-11	1107.2.2	1107.2.2	Type B unit toilet and bathing facilities	<p>The committee proposed to keep the same text as in the current BCNYS with a minor modification concerning the previously required Type B toilet and bathing facilities. The following shows how this would modify the text of the current BCNYS:</p> <p>1107.2.2 Type B unit toilet and bathing facilities. <u>At least one toilet and bathing facility in the dwelling or sleeping unit shall be constructed in accordance with the toilet and bathing facilities requirements of Section 1003.11 of ICC/ANSI A117.1 (Type A Unit Toilet and Bathing Facilities) All remaining toilet and bathing facilities in such units shall be constructed in accordance with toilet and bathing facilities requirements of Section 1004.11 of ICC/ANSI A 117.1 (Type B Unit Toilet Bathing Facilities) and shall not have its only access through a bedroom unless it is a single bedroom unit.</u></p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
11-12	1107.5.1.1	1107.5.1.1	Group I Accessible units	<p>The committee agreed to propose a modification to Section 1103.2.9 (IBC 2015) as follows maintaining the same text in both the BCNYS and 2012 IBC because the code does not have Group I-1 Condition 1 or Condition 2 occupancies.:</p> <p>1107.5.1.1 Accessible units. In Group I-1 condition 1, at <u>At least 4 percent, but not less than one, of the dwelling units and sleeping units shall be Accessible units.</u> In Group I-1 Condition 2, at least 10 percent, but not less than one, of the dwelling units and sleeping units shall be Accessible units.</p>
11-13	-	1107.6.2.2.1	Type A units	<p>The committee agreed to delete Section 1107.6.2.2.1 (IBC 2015) as follows maintaining the NYS enhancement which eliminates any requirements for Type A units:</p> <p>1107.6.2.2.1 Type A units. In Group R-2 occupancies containing more than 20 dwelling units or sleeping units, at least 2 percent but not less than one of the units shall be a Type A unit. All Group R-2 units on a site shall be considered to determine the total number of units and the required number of Type A units. Type A units shall be dispersed among the various classes of units.</p>
11-14	1107.7.1.3 1107.7.1.4	- -	Additional stories with entrances through fire walls Additional stories with entrances through fire walls	<p>The committee agreed to propose a modification to add Sections 1107.7.1.3 and 1107.1.4 as follows maintaining the current NYS enhancement:</p> <p>1107.7.1.3 Additional stories with entrances through fire walls. <u>Where an entrance is provided to a story of a building from an accessible story of an adjacent building by an opening in a fire wall, all dwelling and sleeping units intended to be occupied as a residence on that story shall be Type B units, provided that the planned finish floor elevation within 5 feet (1524 mm) of each side of the door does not include a change in level in excess of 12 inches (305mm).</u></p> <p>1107.7.1.4 Additional stories with entrances from bridges or elevated walkways. <u>Where an entrance is provided to a story of a building from an accessible story of an adjacent building by a bridge or elevated walkway, all dwelling and sleeping units intended to be occupied as a residence on that story shall be Type B units, provided that the planned finish floor elevation at the building entrance and the planned finish floor elevation at the bridge or elevated walkway connection to the adjacent building is 10 percent or less.</u></p>
11-15	New	1110.4.8	Amusement rides	New section proposed to require accessibility for amusement rides.
11-16	New	1110.4.9	Recreational boating facilities	<p>New section proposed to require accessibility for recreational boating facilities. The committee agreed to propose a modification to Section 1110.4.9 (IBC 2015) to restrict the accessibility requirement for such facilities only when they are located within a building or structure as follows:</p> <p>1110.4.9 Recreational boating facilities. <u>When located within a building or structure, Boat boat slips required to be accessible by Section 1110.4.9.1 and 1110.4.9.2 and boarding piers at boat launch ramps required to be accessible by Section 1110.4.9.3 shall be on an accessible route.</u></p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
11-17	New	1110.4.11	Fishing piers and platforms	<p>New section proposed to require accessibility for fishing piers and platforms. The committee agreed to propose a modification to Section 1110.4.11 (IBC 2015) to restrict the accessibility requirement for such facilities only when they are located within a building or structure as follows:</p> <p>1110.4.11 Fishing piers and platforms. <u>When located within a building or structure, Fishing</u> fishing piers and platforms shall be accessible and be on an accessible route.</p>
11-18	New	1110.4.12	Miniature golf facilities	<p>New section proposed to require accessibility for miniature golf facilities. The committee agreed to propose a modification to Section 1110.4.12 (IBC 2015) to restrict the accessibility requirement for such facilities only when they are located within a building or structure as follows:</p> <p>1110.4.12 Miniature golf facilities. <u>When located withing a building or structure, Miniature</u> miniature golf facilities shall comply with Sections 1110.4.12.1 through 1110.4.12.3.</p>
11-19	New	1110.13	Swimming pools, wading pools, hot tubs and spas	<p>New section proposed to require accessibility for Swimming pools, wading pools, hot tubs and spas.</p>
11-20	New	1110.4.14	Shooting facilities with firing positions	<p>New section proposed to require accessibility for shooting facilities with firing positions. The committee agreed to propose a modification to Section 1110.4.14 (IBC 2015) to restrict the accessibility requirement for such facilities only when they are located within a building or structure as follows:</p> <p>1110.4.14 Shooting facilities with firing positions. Where shooting facilities with firing positions are designed and constructed <u>at a site within a building or structure</u>, at least 5 percent, but no fewer than one, of each type of firing position shall be accessible and be on an accessible route.</p>
	CHAPTER 12		INTERIOR ENVIRONMENT	
12-01	1203.1	1203.1	Ventilation General	<p>New provision that requires dwelling units to have mechanical ventilation where the infiltration rate is less than 5 air changes per hour when tested with a blower door at a pressure 0.2 inch w.c. The committee agreed to propose a modification to this exception as follows:</p> <p>1203.1 General. Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the International <u>Code of New York State</u>.</p> <p>Where the air infiltration rate in a dwelling unit is less than 5 <u>or less</u> air changes per hour when tested with a blower door at a pressure 0.2 inch w.c. (50 Pa) in accordance with Section R402.4.1.2 of the International <u>Energy Conservation Construction Code of New York State</u>, the dwelling unit shall be ventilated by mechanical means in accordance with Section 403 of the International <u>Code of New York State</u>.</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
12-02	1203.2 New Exception	1203.2 Exception #3	Attic spaces	<p>The proposed modification changes the requirement, for attics ventilated with only a minimum of 1/300th of the net free ventilation attic area, that 50 % of the minimum required ventilation area be in the upper portion of the attic space. It would allow the 50% requirement to be a minimum 50% and maximum 80% of the required ventilation to be located at the upper portion of the attic. The balance of the minimum required ventilation continues to be required by the eave or cornice vents (the lower portion of the attic).</p> <p>The proposed modification also allows the minimum free ventilation area to be reduced from 1/150th of the area of the space ventilated to 1/300th where a class I or II vapor barrier is installed on the warm-winter side of the ceiling.</p> <p>The IBC 2012 also adds an exception that allows the code enforcement official to exempt the otherwise required minimum attic ventilation when determined not necessary due to atmospheric or climatic conditions. The committee agreed to propose a modification to delete this provision as follows:</p> <p>3. Attic ventilation shall not be required when determined not necessary by the building official due to atmospheric or climatic conditions.</p>
12-03	1208.3	1208.3	Room area	Proposed modification to eliminate the minimum floor area requirement for all kitchens.
12-04	1210.1	1210.2.1	Floors and wall bases	Proposal to modify the requirement that smooth, hard, and nonabsorbent floors required in toilet, bathing and shower rooms (not including dwelling units) extend upward onto walls at least 6 inches. The proposed modification allows a nonabsorbent vertical base on the wall at the intersection of the floor to extend upward onto the wall not less than 4 inches
12-05	1203.3.2	1203.3.2	Under floor ventilation	Proposal modifies the minimum required net area of under-floor ventilation from 1/150 th to 1/1500 th of crawl space area where the ground surface is covered with a class I vapor retarder material and the required openings are placed so as to provide cross ventilation of the space.
	CHAPTER 13		ENERGY EFFICIENCY	
To be coordinated with the newly proposed Energy Conservation and construction Code of New York State				
	CHAPTER 14		EXTERIOR WALLS	
14-01	New	1403.5	Vertical and lateral flame propagation	New provision to require testing in accordance with NFPA 285 for exterior walls that are greater than 40 feet and contain a combustible water-resistive barrier.
14-02	New	1404.12	Polypropylene siding	New provision that provides standards and allows the use of polypropylene siding.
14-03	1405.4	1405.5	Wood veneers	Proposed modification to change the maximum height allowed for wood veneers from 3 stories to 40 feet above grade for non-fire-retardant-treated wood and from 4 stories to 60 feet above grade for fire-retardant-treated wood.
14-04	New	1405.7	Stone veneer	New provision that provides standards and allows the use of cold-formed steel stud backing for stone veneer. polypropylene siding.
14-05	New	1405.10.1	Exterior adhered masonry veneer	New provision that provides standards and allows the use of exterior adhered masonry veneer.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
14-06	1405.16.1 1405.16.2	1405.16.1 1405.16.2	Panel siding Lap siding	Proposed modification to require fiber-cement panels and lap siding to comply with ASTM C1186.
14-07	New	1407.11.3	(MCM) Installations up to 75 feet in height Options 1 and 2	New provision that expands options for the installation of Metal Composite Materials (MCM) for use as exterior wall coverings up to 75 feet in height.
14-08	New	1408	Exterior Insulation and Finish Systems (EIFS)	New provisions to require EIFS systems to comply with ASTM standards including E 2273, E 2568, and E 2570.
14-09	New	1409	High-Pressure Decorative Exterior-Grade Compact Laminates (HPL)	New provision that provides standards for and allows the use of High-Pressure Decorative Exterior-Grade Compact Laminates (HPL) for exterior wall coverings.
	CHAPTER 15		ROOF ASSEMBLIES AND ROOFTOP STRUCTURES	
15-01	1503.4	1503.4.1	Roof drainage	New provision that requires secondary roof drains or scuppers where the roof perimeter extends above the roof in such a manner that water will be entrapped .
15-02	New	1503.6	Crickets and saddles	New provision to require crickets and saddles at chimneys or penetrations greater than 30 inches.
15-03	1507.2.8.2	1507.5.4 1507.6.4 1507.7.4 1507.8.4 1507.9.4	Ice barrier	Expands ice barrier requirements for multiple roof covering materials including metal roof shingles, mineral-surfaced rolled roofing, slate shingles, wood shingles, and wood shakes
15-03	1507.2.8.2	1507.5.4	Ice barrier	Expands ice barrier requirements for multiple roof covering materials including metal roof shingles, mineral-surfaced rolled roofing, slate shingles, wood shingles, and wood shakes.
15-04	1507.2.9.2	1507.2.9.2	Valleys	Modification applies to open valleys lined with metal and increases the minimum width from 16 inches to 24 inches.
15-05	1509.2.1	1509.2.5	Type of construction	<p>The code currently requires exterior walls and roofs of penthouses on buildings of types I and II construction with a fire separation distance of more than 5 feet and less than 20 feet to be of at least 1-hour fire resistance rating of noncombustible construction. The code also permits exterior walls and roofs of penthouses with a fire separation distance greater than 20 feet to be unrated but still of noncombustible construction.</p> <p>The proposed change applies to buildings of type 1 construction two stories or less in height and to all buildings of type II construction and continues to require walls and roofs of penthouses with a fire separation distance of more than 5 feet and less than 20 feet to be of at least 1-hour construction but allows it to be reduced as required by Table 602. It also allows such walls and roof construction with a fire separation distance of more than 5 feet to be constructed of fire-retardant-treated wood</p>

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
15-06	New	1509.6 1509.7	Mechanical equip. screens Photovoltaic systems	New provisions include requirements for rooftop structures such as mechanical equipment screens, and photovoltaic systems.
	CHAPTER 16		STRUCTURAL DESIGN	
16-01	Chapter 16	Chapter 16	Structural Design	Structural design provisions have been updated and coordinated with the 2010 edition of ASCE 7.
16-02	1604.8.2	1604.8.2	Structural walls	This section is modified to require all structural walls (not just concrete and masonry walls) that provide load-bearing resistance or lateral shear resistance to be anchored to the roof and to all floors that provide lateral support for the wall. It is also modified to require lateral resistance in accordance with ASCE 7 instead of the previously required minimum strength design lateral force of 280 plf.
16-03	1605.2	1605.3	Load combinations	Load combinations for strength design and allowable stress design have been modified for fluid loads, lateral earth pressures, ground water pressure or pressure of bulk materials, wind pressure, and earthquake induced forces.
16-04	1605.5	1607.6	Helipads	Uniform loads and positioning of loads for helipads have been modified.
16-05	1607.1	1607.1	Minimum Uniformly Distributed Live Loads	Minimum uniform or concentrated loading requirements have been modified for balconies, decks, stage floors, corridors, dance halls, and ballrooms.
16-06	1607.6	1607.7	Heavy vehicle loads	Live load requirements for truck and bus garages is expanded and modified to include heavy vehicle loads such as fire truck, emergency vehicles, forklifts and movable equipment. Minimum specified design uniform and concentrated loads for trucks and buses has been categorized to include vehicles exceeding 10,000 pounds and require portions of a structure subject to such loading to be designed using vehicular live loads in accordance with the codes and specifications required by the jurisdiction having authority for the design and construction of the roadways and bridges in the same location of the structure.
16-07	1607.7.1.3	Deleted	Handrails and guards Stress increase	The code currently permits the allowable stress of handrails and guards to be increased by one-third when designed by using the allowable stress design (working stress design). This section is deleted.
16-08	1607.7.3	1607.8.3	Vehicle barriers	Modifies the height of the applied 6,000 pound design load for vehicle barriers from a minimum height of 1 foot 6 inches above the floor or ramp surface to height range of 1 foot 6 inches and 2 feet 3 inches located to produce the maximum load effect.
16-09	1607.11.2.2	1607.11.2.2	Special-purpose roofs	This modification does not permit roof live loads of 100 psf to be reduced.
16-10	Figure 1609	Figure 1609A Figure 1609B Figure 1609 C	Determination of wind loads	The determination of basic wind speed map (figure 1609) has been deleted and replaced by 3 maps which provide the ultimate design wind speed for different risk category buildings.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
16-11	1609.1.1	1609.1.1	Determination of wind loads	The code provides different methods of determining wind loads including methods determined in accordance with ASCE 7 which allows a wind tunnel test procedure. The newly referenced edition (2010) of ASCE 7 has been modified by adding a limitation on loads obtained by using the wind tunnel test procedure so that the load must be not less than 80 percent of the loads obtained using the procedure identified as Part 1: Enclosed, partially enclosed, and open buildings of all heights.
16-12	1609.1.1.1	1609.1.1.1	Determination of wind loads Applicability	Adds a new optional reference standard, ICC 600, <i>Standard for Residential Construction in High-Wind Regions</i> , with prescriptive requirements for certain residential buildings located in high-wind regions, areas where the design wind speed equals or exceeds 100 mph.
16-13	1609.2	1609.1.2	Protection of openings	The current code contains exceptions to the general requirement that glazing in buildings located in wind-borne debris regions be equipped with impact resistant glazing. One exception allows precut wood structural panels be provided. This exception is modified to be applicable to only Group R-3 or R-4 occupancies.
16-14	1609.1.2	1609.1.2	Protection of openings	The definition of the term “wind-borne debris region” was modified to include areas within 1 mile of the coastal mean high water line where the ultimate design wind speed is 130 mph or greater. It no longer includes areas of basic wind speed (3-second gust) of 110 or 120 mph.
16-15	Table 1609.1.2	Table 1609.1.2	Wind-borne debris protection fastening schedule for wood structural panels	Modifies the prescriptive attachment schedule for wood structural panels used to provide opening protection against wind-borne-debris.
16-16	1611.1	1611.1 Figure 1611.1	Design rain loads	Requires the design rainfall to be based the 100-year hourly rainfall rate and includes a 100-year 1-hour rainfall map.
16-17	New	1614	Structural integrity	New section that adds structural integrity requirements applicable to high-rise buildings assigned to occupancy category III or IV.
	CHAPTER 17		STRUCTURAL TESTS AND SPECIAL INSPECTIONS	
17-01	1704.1	1704.2.1	Special inspector qualifications	New provision that specifically allows the registered design professional in responsible charge and involved in the design of a project to be permitted to act as the special inspector for the work designed by them provided that they otherwise qualify a special inspectors. In addition, the special inspector exemption for Group R-3 occupancies has been deleted.
17-02	1704.3.1	1705.2.1	Welding	Modifies welding inspector qualifications by deleting the current required welding inspection and welding qualifications of AWS D1.1 (Structural Welding Code-Steel) and adding welding inspection and welding inspector qualifications of AWS D1.3 (Structural Welding Code-Sheet Steel) for cold-formed steel floor and roof decks; and AWS D1.4 (Structural Welding Code-Reinforcing Steel) for reinforcing steel. Special inspections and quality assurance is still required to comply with AISC 360.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
17-03	Table 1704.4	Table 1705.3	Required verification and inspection of concrete construction	Modifies special inspection requirements for anchors cast in concrete to apply to anchors 1) where allowable loads have been increased; 2) where strength design has been used, and; 3) where anchors have been post-installed in hardened concrete. It also changes the category of inspections from continuous to periodic.
17-04	New	1705.2.2.2 1705.5.2	Cold-formed steel trusses spanning 60 feet or greater Metal-plate-connected wood trusses spanning 60 feet or greater	New provision that requires special inspection of cold-formed steel trusses spanning 60 feet or greater to verify that temporary and permanent installation restraint/bracing is installed.
17-05	New	1705.10	Special inspections for wind resistance	Establishes new special inspection requirements for buildings in areas of high wind including wind exposure category B where the 3-second gust basic wind speed is 120 mph or greater and wind exposure C or D where the 3-second gust basic wind speed is 110 mph or greater.
17-06	1707.4	1705.11.3	Cold-formed steel light-frame construction	Provides an exception for special inspections of cold-formed steel light-frame construction, when otherwise required, when the sheathing is gypsum or fiberboard, or when the sheathing is wood structural panel or steel sheets on only one side of the shear wall and the fastener spacing is more than 4 inches o.c.
17-07	1704.1 Table 1704.1	1704.2.1 Table 1704.2.1	Special inspector qualifications	This section was a New York State enhancement for the 2010 Building Code of New York State and provides minimum qualifications for Special Inspectors. The IBC 2012 is proposed to be modified to accommodate this enhancement and is attached as a Supplement to Item 17-07 at the end of this document.
17-08	New	1705.18 1705.18.1	Special inspections for elevators, dumbwaiters, escalators, and platform lifts Qualifications	The code currently does not require special inspections for elevators, dumbwaiters, escalators, and platform lifts. The committee agreed to propose a modification to require special inspections for such equipment as follows: <u>1705.18 Special inspections for elevators, dumbwaiters, escalators, and platform lifts.</u> <u>Elevators, dumbwaiters, escalators, and platforms shall be inspected by a special inspector. The inspections shall be in accordance with ASME A17.1 and ASME A18.1, as applicable.</u> <u>1705.18.1 Qualifications.</u> <u>The special inspectors shall maintain a current QEI certification from an approved accredited agency. Inspectors and inspection supervisors shall meet the minimum qualifications set forth in the Standard for Qualification of Elevator Inspectors, ASME QEI-1. Inspection and inspection supervisors shall be certified by an accredited certifying organization which certifies inspectors and inspection supervisors, in accordance with the requirements set forth in the Standard for the Qualification of Elevator Inspectors, ASME QEI-1.</u>
	CHAPTER 18		SOILS AND FOUNDATIONS	
18-01	1802.2.7	1803.5.12	Seismic Design Category D through F	The section is modified to expand the geotechnical investigation requirements for structures located in Seismic Design Category D, E, and F.
18-02	1806.1	1807.2.3	Retaining walls Safety factor	The lateral sliding and overturning safety factor for retaining walls have been modified.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
18-03	New	Table 1808.8.1 Table 1808.8.2	Minimum specified compressive strength of concrete Minimum concrete cover	New provisions have been added to specify minimum concrete strength and concrete cover for reinforcement.
18-04	New	1810.3.1.5	Helical piles	News provisions have been added to specifically allow the use of helical piles.
	CHAPTER 19		CONCRETE	
19-01	Chapter 19	Chapter 19	Concrete	Concrete provisions have been updated and coordinated with the 2008 edition of ACI 318.
19-02	New	1905	Modifications to ACI 318	Sections that address concrete quality, mixing, placing, formwork, embedded pipes, construction joints, and details of reinforcement have been deleted and these methods of construction are now required to be in accordance with ACI 318 except as modified.
19-03	1909	1906	Structural plain concrete	The provisions of the code that apply to structural plain concrete, including limitations, joints, design, precast members, and walls have been deleted and these methods of construction are now required to be in accordance with ACI 318 except with one modification for certain Group R-3 occupancies concerning edge thickness requirements.
	CHAPTER 20		ALUMINUM	
20-01	2002.1	2002.1	General	The code currently requires aluminum used for structural purposes to comply with AA ADM 1-00 (Aluminum Design Manual). The proposal is to adopt the 2005 edition of AA ADM 1.
	CHAPTER 21		MASONRY	
21-01	2101.2.2	2101.2.2	Strength design	The code prohibits the use of autoclaved aerated concrete (ACC) in seismic force-resisting systems of structures classified as Seismic Design Category B, C, D, or E. This prohibition has been deleted from the code.
21-02	New	2101.2.7	Direct design	Allows the direct design method as an acceptable method of masonry design.
21-03	2101.3	2101.3	Construction documents	The code is modified to require additional information on construction documents including design loads, specified compressive stress of masonry, details of anchorage of masonry to structural members, size and permitted location of conduits, pipes and sleeves, and minimum level of testing and inspection required.
21-04	2104.1.3	2104.1.3	Masonry construction Installation of wall ties	Sections that address placing mortar and masonry units, installation of wall ties, masonry protection and weep holes has been deleted and are now required to be in accordance with TMS 602/ACI 530.1/ASCE 6.
21-05	2104.2	2104.2	Corbeled masonry	Sections that address corbeled masonry has been deleted and are now required to be in accordance with TMS 402/ACI 530/ASCE 5.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
21-06	2107	2107	Allowable stress design	The code requires the design of masonry structures using the allowable stress design comply with ACI 530/ASCE 5/TMS 402 with several modifications. Many of the modifications have been deleted including modifications that address load combinations, design strength, columns, and maximum reinforcement percentage.
21-07	2108	2108	Strength design of masonry	The code requires the design of masonry structures using the strength design comply with ACI 530/ASCE 5/TMS 402 with several modifications. One modification concerning maximum areas of flexural tensile reinforcement has been deleted.
21-08	2110	2110	Glass unit masonry	The code contain design and construction requirements for glass masonry. The modification deletes these requirements and instead adds a requirement that glass masonry unit construction be in accordance with TMS 402/ACI 530/ASCE 5.
21-09	2111.3	2111.3	Seismic reinforcing	The code requires masonry or concrete fireplaces in Seismic Design Category D to comply with a minimum level of construction, support, reinforcement and anchoring. The code is amended to include the same requirements for masonry or concrete fireplaces in Seismic Design Category C.
21-10	2113.3	2113.3	Seismic reinforcing	The code requires masonry or concrete chimneys in Seismic Design Category D to comply with a minimum level of construction, support, reinforcement and anchoring. The code is amended to include the same requirements for masonry or concrete chimneys in Seismic Design Category C.
21-11	New	2113.9.1	Chimney caps	New section that requires masonry chimneys to be equipped with a cap.
	CHAPTER 22		STEEL	
There are no known substantial changes proposed for Chapter 22				
	CHAPTER 23		WOOD	
23-01	2301.2	2301.2	General design requirements	New section that requires the design and construction of log structures to be in accordance with ICC 400, <i>Standard on Design and Construction of Log Structures</i> .
23-02	2303.2	2303.2	Fire-retardant-treated wood	Provides additional requirements for fire-retardant-treated wood including minimum pressure by pressure process and minimum requirements for fire-retardant-treated wood products produced by other than a pressure process.
23-03	2303.4.1.2	2303.4.1.2	Permanent individual truss member restraint	Modification that requires minimum restraint of truss members and that such information be identified on the truss design drawing.
23-04	2304.6.1	Table 2304.6.1	Maximum Basic Wind Speed Permitted for Wood Structural Panel Wall Sheathing Used to Resist Wind Pressures	New table that provides prescriptive fastening requirements for wood structural panel sheathing attached to exterior walls used to resist wind pressures.

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
23-05	2304.11.2.6	2304.11.2.6	Wood siding	The code requires a minimum clearance between siding and earth to be 6 inches unless the siding is naturally durable or of preservative-treated wood. The modification allows the clearance to be reduced to 2 inches from concrete steps, porch slabs, patio slabs and similar horizontal surfaces.
	CHAPTER 24		GLASS AND GLAZING	
24-1	2406.3.1	2406.4.2 2406.4.3	Safety Glazing Hazardous locations	The code requires safety glazing in hazardous locations. The current code has an exception that applies to louvered windows and jalousies. The proposed change eliminates this exception.
24-2	2409	2409	Glass in Elevator Hoistways and Elevator Cars	The provisions for glass in elevators hoistways and elevator cars are expanded to deal with hoistway enclosures, vision panels, and elevator cars separately.
	CHAPTER 25		GYPSUM BOARD AND PLASTER	
There are no known substantial changes proposed for Chapter 25				
	CHAPTER 26		PLASTIC	
There are no known substantial changes proposed for Chapter 26				
	CHAPTER 27		ELECTRICAL	
27-01	2701.1	2701.1	Scope	The code currently requires electrical components, equipment and systems to be designed and constructed in accordance with NFPA 70-2008 (National Electrical Code). The proposal is to adopt the 2011 edition of NFPA 70.
27-02	2702.2.19	2702.2.19	Elevators	The 2012 IBC has not changed the language in the 2010 BCNYS. However, the Committee proposed the following modification to add clarity to this requirement: Section 2702.2.19 Elevators. Where required by other Sections of this code Standby standby power for elevators shall be provided as set forth in Sections 3003.1, 3007.9 and 3008.9.
	CHAPTER 28		MECHANICAL SYSTEMS	
To be reviewed by Plumbing/Mechanical/Fuel Gas Technical Subcommittee				
	CHAPTER 29		PLUMBING SYSTEMS	
To be coordinated with the newly proposed Plumbing code of New York State				
	CHAPTER 30		ELEVATORS AND CONVEYING SYSTEMS	

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
30-1	3006.4	3006.4	Machine rooms and machinery spaces	The code requires elevator machine rooms and spaces to be enclosed with fire barriers or horizontal assemblies constructed in accordance with Section 707 or 712. The proposed change adds 2 exceptions including 1) where machine rooms do not abut and has no openings to hoistway enclosures, the fire resistance rating for fire barrier and horizontal assemblies shall be permitted to be reduced to a 1-hour fire resistance rating, and 2) in buildings four stories or less above grade plane when machine rooms do not abut and has no openings to the hoistway enclosure they serve, the machine room and machinery spaces are not required to be fire-resistance rated.
30-2	New	3007	Fire Service Access Elevator	A newly proposed modification that allows public use passenger elevators to be used in lieu of the additional required exit stairway required by Section 403.5.2 in buildings more than 420 feet in building height. The new provision addresses requirements such as hoistway lighting, fire service access elevator lobby, lobby doorways, lobby size, class I standpipe hose connection, elevator monitoring, electrical power, and protection of wiring and cables.
30-3	3001.2	3001.2	Referenced standards	<p>This provision identifies the relevant design, construction and installation standards for elevators and conveying systems. The 2012 IBC has only had a minor changes. However committee agreed to continue the enhancement in the current BCNYS and propose adding an exception to this requirement as follows:</p> <p>3001.2 Reference standards. Except as otherwise provided for in this code, the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components shall conform to ASME A17.1/CSA B44, ASME A90.1, ASME B20.1, ALI ALCTV, and ASCE 24 for construction in flood hazrd areas established in Section 1612.3. <u>Frequency of tests and inspections of equipment shall be in accordance with Appendix N, Table-1 of ASME A17.1 and the requirements of the other standards as applicable.</u></p> <p><u>Exception: Construction of elevator and escalator equipment in accordance with ASME A17.7 shall be permitted where approved.</u></p>
	CHAPTER 31		SPECIAL CONSTRUCTION	
There are no known substantial changes proposed for Chapter 31				
	CHAPTER 32		ENCROACHMENTS INTO THE PUBLIC RIGHT OF WAY	
There are no known substantial changes proposed for Chapter 32				
	CHAPTER 33		SPECIAL CONSTRUCTION	
There are no known substantial changes proposed for Chapter 33				
	CHAPTER 34		RESERVED	

ITEM NO.	BCNYS SECTION	2012 IBC SECTION	TITLE	SUMMARY
	CHAPTER 35		REFERENCE STANDARDS	
There are no known substantial changes proposed for Appendix E				
	APPENDIX E		SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS	
There are no known substantial changes proposed for Appendix E				
	APPENDIX F		RODENT PROOFING	
No proposed changes				
	APPENDIX I		PATIO COVERS	
There are no known substantial changes proposed for Appendix I				
	APPENDIX L		ASSISTIVE LISTENING SYSTEMS PERFORMANCE STANDARDS	
There are no proposed changes				

Supplement to Item 17-07

The following text is a proposed modification of the IBC 2012:

1704.2.1 Special Inspection Qualifications. The qualifications outlined in Table 1704.2.1 identify the minimum qualifications of the special inspector. The special inspector shall provide written documentation to the ~~building official~~ Code Enforcement Official demonstrating his or her competence and relevant experience or training. Experience or training shall be considered relevant when the documented experience or training is related in complexity to the same type of *special inspection* activities for projects of similar complexity and material qualities. These are in addition to qualifications specified in other sections of the code.

Exception: The Code Enforcement Official can approve alternate qualifications for special inspectors.

The *Registered Design Professional in responsible charge* and engineers of record involved in the design of the project are permitted to act as the *approved agency* and their personnel are permitted to act as the special inspector for the work designed by them, provided they qualify as special inspectors.

The following Table is a proposed modification of Table 1704.1 of the 2010 Building Code of New York State which was previously an enhancement for New York State:

Table 1704.4 1704.2.1 Minimum Qualifications for Special Inspectors

Category	Code References	Minimum Qualifications
Reinforced Concrete	1704.4 Section 1705.3	<ol style="list-style-type: none"> 1. Current ICC Reinforced Concrete Special Inspector or ACI Concrete Construction Inspector. 2. Concrete field testing can be by an ACI Concrete Field Testing Technician with Grade 1 certification. 3. Engineer-in-Training (EIT) with relevant experience. 4. New York State Licensed Professional Engineer (P.E.) with relevant experience.
Prestressed Concrete	Table 1704.4 Section 1705.3 Table 1705.3	<p>Pretension Tendons</p> <ol style="list-style-type: none"> 1. Current ICC Reinforced Concrete certification and ICC prestressed concrete certification and ACI Concrete Field Testing Technician with Grade 1 certification plus one year relevant experience. 2. EIT with relevant experience. 3. P.E. with relevant experience. <p>Post-tension Tendons</p> <ol style="list-style-type: none"> 1. Current Post-Tensioning Institute (PTI) certification. 2. EIT with relevant experience. 3. P.E. with relevant experience.
Welding	1704.3; Table 1704.3; Item 5; Table 1704.4; Item 2; 1707.2; 2208 Section 1705.2.1 Table 1705.2.2	<ol style="list-style-type: none"> 1. Current AWS Certified Welding Inspector. 2. Current ICC Structural Steel and Welding certificate plus one year of relevant experience. 3. Current Level II certification from the American Society for Nondestructive Testing (NDT). 4. Current NDT Level III provided previously certified as NDT level II.

High-strength Bolting & Steel Frame Inspection Steel Construction	1704.3.3; Table 1704.3 Section 1705.2	<ol style="list-style-type: none"> 1. Current ICC Structural Steel and Welding certification and one year of relevant experience. 2. EIT with relevant experience. 3. P.E. with relevant experience.
Masonry Construction	1704.5; Table 1704.5.1; Table 1704.5.3 Section 1705.4	<ol style="list-style-type: none"> 1. Current ICC Structural Masonry certification and one year of relevant experience. 2. EIT with relevant experience. 3. P.E. with relevant experience.
Sprayed Fire-Resistant Materials	1704.11 Section 1705.13	<ol style="list-style-type: none"> 1. Current ICC Spray-Applied Fire Proofing certification and one year of relevant experience. 2. EIT with relevant experience. 3. P.E. with relevant experience.
Excavation and Filling; Verification of Soils; Piling & Drilled Piers; Modular Retaining Walls Soils	1704.7; 704.8; 1704.9; 704.13 Section 1705.6	<ol style="list-style-type: none"> 1. Current Level II certification in geotechnical engineering technology/construction from the National Institute for Certification in Engineering Technologies (NICET). 2. EIT with relevant experience. 3. P.E. with relevant experience.
Inspection of Fabricators	1704.2 Section 1704.2.5	<ol style="list-style-type: none"> 1. Precast: Current ICC Reinforced Concrete certification plus one year relevant experience. 2. Bar Joist: see welding requirements. 3. Metal Building: see welding requirements. 4. Structural Steel: see welding requirements.
Exterior and Interior Architectural Wall Panels	1704.10 Section 1705.11.5	<ol style="list-style-type: none"> 1. P.E. with relevant experience. 2. EIT with relevant experience. 3. See the masonry requirements for the SI of masonry veneers subject to BCNYS Section 704.10.
Exterior Insulation and Finish System & Fire-Resistant Penetrations and Joints	1704.12 Section 1705.15	<ol style="list-style-type: none"> 1. Registered Design Professional (RDP) with relevant experience. 2. EIT with relevant experience.
Smoke Control	1704.14 Section 1705	<ol style="list-style-type: none"> 1. See the requirements in BCNYS Section 1704.14.2 1705.17.2 2. The RDP responsible for design.
Seismic Resistance	1707; 1708 Section 1705.12	<ol style="list-style-type: none"> 1. See the applicable categories in this table.

Supplement to Chapter 11

CHAPTER 11 ACCESSIBILITY

SECTION 1101 GENERAL

(E167 AS) 1101.1 Scope. The provisions of this chapter shall control the design and construction of facilities for accessibility for individuals with disabilities ~~to physically disabled persons~~.

1101.2 Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and ICC A117.1.

SECTION 1102 DEFINITIONS

1102.1 Definitions. The following terms are defined in Chapter 2.

ACCESSIBLE.

ACCESSIBLE ROUTE.

ACCESSIBLE UNIT.

(E209 AS) AREA OF SPORT ACTIVITY. That portion of an indoor or outdoor space, where the play or practice of a sport occurs.

CIRCULATION PATH.

COMMON USE.

DETECTABLE WARNING.

EMPLOYEE WORK AREA.

FACILITY.

INTENDED TO BE OCCUPIED AS A RESIDENCE.

MULTILEVEL ASSEMBLY SEATING.

MULTISTORY UNIT.

PUBLIC ENTRANCE.

PUBLIC-USE AREAS

RESTRICTED ENTRANCE.

SELF-SERVICE STORAGE FACILITY.

SERVICE ENTRANCE.

SITE.
TYPE A UNIT.
TYPE B UNIT.
WHEELCHAIRSPACE.

SECTION 1103
SCOPING REQUIREMENTS

(E167 AS) 1103.1 Where required. Sites, buildings, structures, facilities, elements and spaces, temporary or permanent, shall be accessible to individuals ~~persons with physical disabilities~~.

1103.2 General exceptions. Sites, buildings, structures, facilities, elements and spaces shall be exempt from this chapter to the extent specified in this section.

1103.2.1 Specific requirements. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104 through ~~1110~~ 1111.

(E169 AS) ~~1103.2.2 Existing buildings. Existing buildings shall comply with Section 3411.~~

(E168 AS) 1103.2.2 ~~1103.2.3~~ Employee work areas. Spaces and elements within employee work areas shall only be required to comply with Sections 907.5.2.3.2, 1007 and 1104.3.1 and shall be designed and constructed so that individuals with disabilities can approach, enter and exit the work area. Work areas, or portions of work areas, other than raised courtroom stations in accordance with Section 1108.4.1.4, that are less than 300 square feet (30 m²) in area and located 7 inches (178 mm) or more above or below the ground or finish floor where the change in elevation is essential to the function of the space shall be exempt from all requirements.

(E168 AS) 1103.2.3 ~~1103.2.4~~ Detached dwellings. Detached one- and two- family dwellings, and their accessory structures, and their associated sites and facilities, are not required to ~~be accessible~~ comply with this Chapter.

(E168 AS) 1103.2.4 ~~1103.2.5~~ Utility buildings. ~~Occupancies in Group U occupancies are not required to comply with~~ exempt from the requirements of this chapter other than the following:

1. In agricultural buildings, access is required to paved work areas and areas open to the general public.
2. Private garages or carports that contain required accessible parking.

(E168 AS) 1103.2.5 ~~1103.2.6~~ Construction sites. Structures, sites and equipment directly associated with the actual processes of construction including, but not limited to, scaffolding, bridging, materials hoists, materials storage or construction trailers are not required to ~~be~~ comply with this Chapter.

(E168 AS) 1103.2.6 ~~1103.2.7~~ Raised areas. Raised areas used primarily for purposes of security, life safety or fire safety including, but not limited to, observation galleries, prison guard towers, fire towers or lifeguard stands are not required to ~~be accessible or to be served by an accessible route~~ comply with this Chapter.

(E168 AS) 1103.2.7 ~~1103.2.8~~ Limited access spaces. ~~Nonoccupiable~~ Spaces accessed only by ladders, catwalks, crawl spaces, freight elevators or very narrow passageways are not required to ~~be accessible~~ comply with this Chapter.

(E171 AS) 1103.2.8 Areas in places of religious worship. Raised or lowered areas, or portions of areas, in places of religious worship that are less than 300 sq.ft. (30 m²) in area and located 7 inches or more (178 mm) or more above or below the finished floor and used primarily for the performance of religious ceremonies are not required to comply with this Chapter.

(E168 AS) 1103.2.9 Equipment spaces. Spaces frequented only by service personnel for maintenance, repair or occasional monitoring of equipment are not required to ~~be accessible~~ to comply with this Chapter. Such spaces include, but are not limited to, elevator pits, elevator penthouses, mechanical, electrical or communications equipment rooms, piping or equipment catwalks, water or sewage treatment pump rooms and stations, electric substations and transformer vaults, and highway and tunnel utility facilities.

(E168 AS, E173 AS) 1103.2.10 ~~Highway toll-booths~~ Single-occupant structures. Highway toll-booths where the access is only provided by bridges above the vehicular traffic or underground tunnels, are not required to comply with this Chapter. ~~Single-occupant structures, accessed only by passageways below grade or above grade including, but not limited to, toll booths that are accessed only by underground tunnels, are not required to be accessible.~~

(E168 AS) 1103.2.11 Residential Group R-1. Buildings of Group R-1 containing not more than five *sleeping units* for rent or hire that are also occupied as the residence of the proprietor are not required to ~~be accessible~~ comply with this Chapter.

(E168 AS) 1103.2.12 Day care facilities. Where a day care facility is part of a *dwelling unit*, only the portion of the structure utilized for the day care facility is required to be accessible.

(E175 relocated) ~~1103.2.13~~ ~~Live/work units.~~ ~~In live/work units constructed in accordance with Section 419, the portion of the unit utilized for nonresidential use is required to be accessible.~~ ~~The residential portion of the live/work unit is required to be evaluated separately in accordance with Sections 1107.6.2 and 1107.7.~~

(E168 AS) 1103.2.13 ~~1103.2.14~~ Detention and correctional facilities. In detention and correctional facilities, *common use* areas that are used only by inmates or detainees and security personnel, and that do not serve holding cells or housing cells required to be *accessible* Accessible units, are not required to ~~be accessible or to be served by an accessible route~~ comply with this Chapter.

(E168 AS) 1103.2.14 ~~1103.2.15~~ Walk-in coolers and freezers. Walk-in coolers and freezers intended for employee use only are not required to ~~be accessible~~ comply with this Chapter.

**SECTION 1104
ACCESSIBLE ROUTE**

(E177 AS) 1104.1 Site arrival points. At least one accessible routes route within the site shall be provided from public transportation stops; accessible parking; accessible passenger loading zones; and public streets or sidewalks to the accessible building entrance served.

Exception: Other than in buildings or facilities containing or serving Type B units, an accessible route shall not be required between site arrival points and the building or facility entrance if the only means of access between them is a vehicular way not providing for pedestrian access.

(E208 AS) 1104.2 Within a site. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements and accessible spaces that are on the same site.

Exceptions:

- 1. An accessible route is not required between accessible buildings, accessible facilities, accessible elements and accessible spaces that have, as the only means of access between them, a vehicular way not providing for pedestrian access.**
- 2. An accessible route to recreational facilities shall only be required to the extent specified in Section 1110.**

(E177 AS, E178 AS, E179 AS, E181 AS, E208 AS) 1104.3 Connected spaces. When a building or portion of a building is required to be accessible, an at least one accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and to the public way.

Exceptions:

- 1. Stories and mezzanines exempted by Section 1104.4.**
- 2. In a building, room or space used for assembly purposes with *fixed seating*, an *accessible route* shall not be required to serve levels where *wheelchair spaces* are not provided.**
- 2. In Group I-2 facilities, doors to *sleeping units* shall be exempted from the requirements for maneuvering clearance at the room side provided the door is a minimum of 44 inches (1118 mm) in width. (RELOCATED)**
- 3. Vertical access to elevated employee work stations within a courtroom complying with Section 1108.4.1.4.**
- 4. An accessible route to recreational facilities shall only be required to the extent specified in Section 1110.**

1104.3.1 Employee work areas. Common use circulation paths within employee work areas shall be accessible routes.

Exceptions:

1. Common use circulation paths, located within employee work areas that are less than 1,000 square feet (93 m²) in size and defined by permanently installed partitions, counters, casework or furnishings, shall not be required to be accessible routes.
2. Common use circulation paths, located within employee work areas, that are an integral component of equipment, shall not be required to be accessible routes.
3. Common use circulation paths, located within exterior employee work areas that are fully exposed to the weather, shall not be required to be accessible routes.

(E180 AS) 1104.3.2 Press boxes. Press boxes in a building, room or space used for assembly purposes shall be on an accessible route.

Exceptions:

1. An accessible route shall not be required to press boxes in bleachers that have a single point points of entry at only one level from the bleachers, provided that the aggregate area of all press boxes for each playing field is not more than 500 square feet (46 m²) maximum.
2. An accessible route shall not be required to free-standing press boxes that are elevated more than above-grade 12 feet (3660 mm) above grade minimum provided that the aggregate area of all press boxes for each playing field is not more than 500 square feet (46 m²) maximum.

(E178 AS, E181 AS) 1104.4 Multilevel buildings and facilities. At least one *accessible route* shall connect each *accessible level story*; including ~~mezzanines~~ and mezzanine, in multilevel buildings and facilities.

Exceptions:

1. An *accessible route* is not required to stories and *mezzanines* that have an aggregate area of not more than 3,000 square feet (278.7 m²) and are located above and below *accessible* levels. This exception shall not apply to:
 - 1.1. Multiple tenant facilities of Group M occupancies containing five or more tenant spaces used for the sales or rental of goods and where at least one such tenant space is located on a floor level above or below the accessible levels;
 - 1.2. Levels Stories or mezzanines containing offices of health care providers (Group B or I); or
 - 1.3. Passenger transportation facilities and airports (Group A-3 or B).
 - 1.4. Government buildings.
2. Levels Stories or mezzanines that do not contain *accessible* elements or other spaces as determined by Section 1107 or 1108 are not required to be served by an *accessible route* from an *accessible* level.
3. In air traffic control towers, an *accessible route* is not required to serve the cab and the floor immediately below the cab.
4. Where a two-story building or facility has one *story or mezzanine* with an *occupant load* of five or fewer persons that does not contain *public use* space, that *story or mezzanine* shall not be required to be connected by an *accessible route* to the *story* above or below.

5. ~~Vertical access to elevated employee work stations within a courtroom is not required at the time of initial construction, provided a ramp, lift or elevator can be installed without requiring reconfiguration or extension of the courtroom or extension of the electrical system. (RELOCATED)~~

1104.5 Location. Accessible routes shall coincide with or be located in the same area as a general circulation path. Where the circulation path is interior, the accessible route shall also be interior. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces.

Exceptions:

- Accessible routes from parking garages contained within and serving Type B units are not required to be interior.
- A single accessible route is permitted to pass through a kitchen or storage room in an Accessible unit, Type A unit or Type B unit.

1104.6 Security barriers. Security barriers including, but not limited to, security bollards and security check points shall not obstruct a required accessible route or accessible means of egress.

Exception: Where security barriers incorporate elements that cannot comply with these requirements, such as certain metal detectors, fluoroscopes or other similar devices, the accessible route shall be permitted to be provided adjacent to security screening devices. The accessible route shall permit persons with disabilities passing around security barriers to maintain visual contact with their personal items to the same extent provided others passing through the security barrier.

**SECTION 1105
ACCESSIBLE ENTRANCES**

1105.1 Public entrances. In addition to accessible entrances required by Sections 1105.1.1 through ~~1105.1.6~~ 1105.1.7, at least 60 percent of all public entrances shall be accessible.

Exceptions:

1. An accessible entrance is not required to areas not required to be accessible.
2. Loading and service entrances that are not the only entrance to a tenant space.

1105.1.1 Parking garage entrances. Where provided, direct access for pedestrians from parking structures to buildings or facility entrances shall be accessible.

1105.1.2 Entrances from tunnels or elevated walkways. Where direct access is provided for pedestrians from a pedestrian tunnel or elevated walkway to a building or facility, at least one entrance to the building or facility from each tunnel or walkway shall be accessible.

1105.1.3 Restricted entrances. Where restricted entrances are provided to a building or facility, at least one restricted entrance to the building or facility shall be accessible.

1105.1.4 Entrances for inmates or detainees. Where entrances used only by inmates or detainees and security personnel are provided at judicial facilities, detention facilities or correctional facilities, at least one such entrance shall be accessible.

1105.1.5 Service entrances. If a service entrance is the only entrance to a building or a tenant space in a facility, that entrance shall be accessible.

(E182 AS) 1105.1.6 Tenant spaces, ~~dwelling units and sleeping units.~~ At least one accessible entrance shall be provided to each tenant, ~~dwelling unit and sleeping unit~~ in a facility.

Exceptions:

1. An accessible entrance is not required to self-service storage facilities tenants that are not required to be accessible.
2. ~~An accessible entrance is not required to dwelling units and sleeping units that are not required to be Accessible units, Type A units or Type B units.~~

(E182 AS) 1105.1.7 Dwelling units and sleeping units. At least one accessible entrance shall be provided to each dwelling unit and sleeping unit in a facility.

Exception: An accessible entrance is not required to dwelling units and sleeping units that are not required to be Accessible units, Type A units or Type B units.

SECTION 1106

PARKING AND PASSENGER LOADING FACILITIES

(E183 AMPC) 1106.1 Required. Where parking is provided, accessible parking spaces shall be provided in compliance with Table 1106.1, except as required by Sections 1106.2 through 1106.4. Where more than one parking facility is provided on a site, the number of parking spaces required to be accessible shall be calculated separately for each parking facility.

Exception: This section does not apply to parking spaces used exclusively for buses, trucks, other delivery vehicles, law enforcement vehicles or vehicular impound and motor pools where lots accessed by the public are provided with an accessible passenger loading zone.

**TABLE 1106.1
ACCESSIBLE PARKING SPACES**

TOTAL PARKING SPACES PROVIDED	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1,000	2% of total
1,001 and over	20, plus one for each 100, or fraction thereof, over 1,000

(E183 AMPC) 1106.2 Groups I-1, R-1, R-2, and R-3 and R-4. Accessible parking spaces shall be provided in Groups I-1, R-1, R-2, R-3 and R-4 occupancies in accordance with items 1 through 4 as applicable.

1. In Groups R-2, R-3, and R-4 occupancies which are required to have Accessible, Type A or Type B dwelling or sleeping units, at least 2 percent, but not less than one, of each type of parking space provided for occupancies in Groups R-2 and R-3, which are required to have Accessible, Type A or Type B dwelling or sleeping units, shall be accessible. 2.

In Groups I-1 and R-1 occupancies accessible parking shall be provided in accordance with Table 1106.1. 3.

Where at least one parking space is provided for each dwelling unit or sleeping unit, at least one accessible parking space shall be provided for each Accessible and Type A unit. 4. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.

1106.3 Hospital outpatient facilities. At least 10 percent, but not less than one, of care recipient and visitor parking spaces provided to serve hospital outpatient facilities shall be accessible.

1106.4 Rehabilitation facilities and outpatient physical therapy facilities. At least 20 percent, but not less than one, of the portion of care recipient and visitor parking spaces serving rehabilitation facilities specializing in treating conditions that affect mobility and outpatient physical therapy facilities shall be accessible.

~~**1106.5 Van spaces. For every six or fraction of six accessible parking spaces, at least one shall be a van-accessible parking space.**~~

1106.5 Accessible spaces. All accessible parking spaces shall be in conformance with ICC/ANSI A117.1 except that spaces shall be provided with access aisles at least 8 feet (2440 mm in width)

Exception: In Group R-2 and R-3 occupancies, van accessible spaces located within private garages shall be permitted to have vehicular routes, entrances, parking spaces and access aisles with a minimum vertical clearance of 7 feet (2134 mm).

1106.6 Location. Accessible parking spaces shall be located on the shortest accessible route of travel from adjacent parking to an accessible building entrance. In parking facilities that do not serve a particular building, accessible parking spaces shall be located on the shortest route to an accessible pedestrian entrance to the parking facility. Where buildings have multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located near the accessible entrances.

Exceptions:

- 1. In multilevel parking structures, van-accessible parking spaces are permitted on one level.**
- 2. Accessible parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee and user convenience.**

1106.7 Passenger loading zones. Passenger loading zones shall be accessible.

1106.7.1 Continuous loading zones. Where passenger loading zones are provided, one passenger loading zone in every continuous 100 linear feet (30.4 m) maximum of loading zone space shall be accessible.

1106.7.2 Medical facilities. A passenger loading zone shall be provided at an accessible entrance to licensed medical and long-term care facilities where people receive physical or medical treatment or care and where the period of stay exceeds 24 hours.

1106.7.3 Valet parking. A passenger loading zone shall be provided at valet parking services.

1106.7.4 Mechanical access parking garages. Mechanical access parking garages shall provide at least one passenger loading zone at vehicle drop-off and vehicle pick-up areas.

SECTION 1107

DWELLING UNITS AND SLEEPING UNITS

1107.1 General. In addition to the other requirements of this chapter, occupancies having dwelling units or sleeping units shall be provided with accessible features in accordance with this section.

1107.2 Design. Dwelling units and sleeping units that are required to be Accessible units, Type A units and Type B units shall comply with the applicable portions of Chapter 10 of ICC A117.1. Units required to be Type A units are permitted to be designed and constructed as Accessible units. Units required to be Type B units are permitted to be designed and constructed as Accessible units or as Type A units.

1107.2.1 Type B unit doors. Clear width and maneuvering clearances required by Section 404.2.3 of ICC/ANSI A117.1 shall be provided at the primary entrance door to the dwelling or sleeping unit and at all other doors within the dwelling or sleeping unit meant for human passage.

Exception: Maneuvering clearances shall not be required at doors of a room containing only a lavatory and a water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the unit.

1107.2.2 Type B unit toilet and bathing facilities. At least one toilet and bathing facility in the dwelling or sleeping unit shall be constructed in accordance with the toilet and bathing facilities requirements of Section 1003.11 of ICC/ANSI A117.1 (Type A Unit Toilet and Bathing Facilities) and shall not have its only access through a bedroom unless it is a single bedroom unit.

(E179 AS, E185 AS) 1107.3 Accessible spaces. Rooms and spaces available to the general public or available for use by residents and serving Accessible units, Type A units or Type B units shall be accessible. Accessible spaces shall include toilet and bathing rooms, kitchen, living and dining areas and any exterior spaces, including patios, terraces and balconies.

Exceptions:

- 1. Stories and mezzanines exempted by Section 1107.4.**
- 24. Recreational facilities in accordance with Section ~~1109.15~~ 1110.2.**
- 2. ~~In Group I-2 facilities, doors to sleeping units shall be exempted from the requirements for maneuvering clearance at the room side provided the door is a minimum of 44 inches (1118 mm) in width. (RELOCATED)~~**
- 3. Exterior decks, patios or balconies that are part of Type B units and have impervious surfaces, and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the unit.**

(E185 AS) 1107.4 Accessible route. At least one accessible route shall connect accessible building or facility entrances with the primary entrance of each Accessible unit, Type A unit and Type B unit within the building or facility and with those exterior and interior spaces and facilities that serve the units.

Exceptions:

- 1. If due to circumstances outside the control of the owner, either the slope of the finished ground level between *accessible* facilities and buildings exceeds one unit vertical in 12 units horizontal (1:12), or where physical barriers or legal restrictions prevent the installation of an *accessible route*, a vehicular route with parking that complies with Section 1106 at each *public* or *common use* facility or building is permitted in place of the *accessible route*.**
- 2. ~~Exterior decks, patios or balconies that are part of Type B units and have impervious surfaces, and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the unit. (RELOCATED)~~**

- 2. In Group I-3 facilities, an accessible route is not required to connect stories or mezzanines where Accessible units, all common use areas serving Accessible units and all public use areas are on an accessible route.**
- 3. In Group R-2 facilities with Type A units complying with Section 1107.6.2.2.1 an accessible route is not required to connect stories or mezzanines where Type A units, all common use areas serving Type A units and all public use areas are on an accessible route.**
- 4. In other than Group R-2 dormitory housing provided by places of education, in Group R-2 facilities with Accessible units complying with Section 1107.6.2.3.1 an accessible route is not required to connect stories or mezzanines where Accessible units, all common use areas serving Accessible units and all public use areas are on an accessible route.**
- 5. In Group R-1 an accessible route is not required to connect stories or mezzanines within individual units, provided the accessible level meets the provisions for Accessible units and sleeping accommodations for two persons minimum and a toilet facility are provided on that level.**
- 6. In congregate residences in Groups R-3 and R-4, an accessible route is not required to connect floors or mezzanines where Accessible units or Type B units, all common use areas serving Accessible units and Type B units and all public use areas serving Accessible and Type B units are on an accessible route.**
- 7. An accessible route between stories is not required where Type B units are exempted by Sections 1107.7.**

1107.5 Group I. Accessible units and Type B units shall be provided in Group I occupancies in accordance with Sections 1107.5.1 through 1107.5.5.

1107.5.1 Group I-1. Accessible units and Type B units shall be provided in Group I-1 occupancies in accordance with Sections 1107.5.1.1 and 1107.5.1.2.

(E186 AMPC) 1107.5.1.1 Accessible units. At least 4 percent, but not less than one, of the *dwelling units* and *sleeping units* shall be *Accessible units*.

1107.5.1.2 Type B units. In structures with four or more dwelling units or sleeping units intended to be occupied as a residence, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.

Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.

1107.5.2 Group I-2 nursing homes. Accessible units and Type B units shall be provided in nursing homes of Group I-2 occupancies in accordance with Sections 1107.5.2.1 and 1107.5.2.2.

1107.5.2.1 Accessible units. At least 50 percent but not less than one of each type of the dwelling units and sleeping units shall be Accessible units.

1107.5.2.2 Type B units. In structures with four or more dwelling units or sleeping units intended to be occupied as a residence, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.

Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.

1107.5.3 Group I-2 hospitals. Accessible units and Type B units shall be provided in general-purpose hospitals, psychiatric facilities, and detoxification facilities of Group I-2 occupancies in accordance with Sections 1107.5.3.1 and 1107.5.3.2.

(E179 AS) 1107.5.3.1 Accessible units. At least 10 percent, but not less than one, of the dwelling units and sleeping units shall be Accessible units.

Exception: Entry doors to Accessible dwelling or sleeping units shall not be required to provide the maneuvering clearance beyond the latch side of the door.

1107.5.3.2 Type B units. In structures with four or more dwelling units or sleeping units intended to be occupied as a residence, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.

Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.

1107.5.4 Group I-2 rehabilitation facilities. In hospitals and rehabilitation facilities of Group I-2 occupancies which specialize in treating conditions that affect mobility, or units within either which specialize in treating conditions that affect mobility, 100 percent of the dwelling units and sleeping units shall be Accessible units.

1107.5.5 Group I-3. Accessible units shall be provided in Group I-3 occupancies in accordance with Sections 1107.5.5.1 through 1107.5.5.3.

(E187 AS) 1107.5.5.1 Group I-3 sleeping units. In Group I-3 occupancies, at least 2 3 percent of the total number of sleeping units in the facility, but not less than one unit in each classification level, of the dwelling units and sleeping units shall be Accessible units.

1107.5.5.2 Special holding cells and special housing cells or rooms. In addition to the Accessible units required by Section 1107.5.5.1, where special holding cells or special housing cells or rooms are provided, at least one serving each purpose shall be an Accessible unit. Cells or rooms subject to this requirement include, but are not limited to, those used for purposes of orientation, protective custody, administrative or disciplinary detention or segregation, detoxification and medical isolation.

Exception: Cells or rooms specially designed without protrusions and that are used solely for purposes of suicide prevention shall not be required to include grab bars.

1107.5.5.3 Medical care facilities. Patient sleeping units or cells required to be Accessible units in medical care facilities shall be provided in addition to any medical isolation cells required to comply with Section 1107.5.5.2.

1107.6 Group R. Accessible units, Type A units and Type B units shall be provided in Group R occupancies in accordance with Sections 1107.6.1 through 1107.6.4.

1107.6.1 Group R-1. Accessible units and Type B units shall be provided in Group R-1 occupancies in accordance with Sections 1107.6.1.1 and 1107.6.1.2.

(E188 AS) 1107.6.1.1 Accessible units. Accessible dwelling units and sleeping units shall be provided in accordance with Table 1107.6.1.1. Where buildings contain more than 50 dwelling or sleeping units, the number of Accessible units shall be determined per building. Where buildings contain 50 or fewer dwelling or sleeping units, all dwelling units and sleeping units on a site shall be considered to determine the total number of Accessible units. Accessible units shall be dispersed among the various classes of units. ~~Roll-in showers provided in Accessible units shall include a permanently mounted folding shower seat.~~

TABLE 1107.6.1.1
ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS

TOTAL NUMBER OF UNITS PROVIDED	MINIMUM REQUIRED NUMBER OF ACCESSIBLE UNITS WITHOUT ROLL-IN SHOWERS	MINIMUM REQUIRED NUMBER OF ACCESSIBLE UNITS WITH ROLL-IN SHOWERS	TOTAL NUMBER OF REQUIRED ACCESSIBLE UNITS
1 to 25	1	0	1
26 to 50	2	0	2
51 to 75	3	1	4
76 to 100	4	1	5
101 to 150	5	2	7
151 to 200	6	2	8
201 to 300	7	3	10
301 to 400	8	4	12
401 to 500	9	4	13
501 to 1,000	2% of total	1% of total 3	% of total
Over 1,000	20, plus 1 for each 100, or fraction thereof, over 1,000	10 plus 1 for each 100, or fraction thereof, over 1,000	30 plus 2 for each 100, or fraction thereof, over 1,000

(E189 AS) ~~1107.6.1.1.1 Accessible unit facilities. All interior and exterior spaces provided as part of or serving an Accessible dwelling unit or sleeping unit shall be accessible and be located on an accessible route.~~

~~Exceptions:~~

- ~~1. Where multiple bathrooms are provided within an Accessible unit, at least one full bathroom shall be accessible.~~
- ~~2. Where multiple family or assisted bathrooms serve an Accessible unit at least 50 percent but not less than one room for each use at each cluster shall be accessible.~~

~~3. Five percent, but not less than one bed shall be accessible.~~

~~1107.6.1.2 Type B units. In structures with four or more dwelling units or sleeping units intended to be occupied as a residence, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~1107.6.2 Group R-2. Accessible units, Type A units and Type B units shall be provided in Group R-2 occupancies in accordance with Sections 1107.6.2.1 and ~~1107.6.2.2~~ through 1107.6.2.3.~~

~~(E175 AS) 1107.6.2.1 ~~4403.2.13~~ Live/work units. In live/work units constructed in accordance with Section 419, the nonresidential portion of the unit utilized for nonresidential use is required to be accessible. In a structure, where there are four or more live/work units intended to be occupied as a residence, the residential portion of the live/work unit is required to be evaluated separately in accordance with Sections 1107.6.2 and 1107.7 shall be a Type B unit.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~(E191 AMPC) 1107.6.2.2 ~~1107.6.2.1~~ Apartment houses, monasteries and convents. Type A units and Type B units shall be provided in apartment houses, monasteries and convents in accordance with Sections ~~1107.6.2.1.1~~ 1107.6.2.2.1 and ~~1107.6.2.1.2~~ 1107.6.2.2.2. Bedrooms within monasteries and convents shall be counted as sleeping units for the purpose of determining the number of units. Where the sleeping units are grouped into suites, only one sleeping unit in each suite shall be permitted to count towards the number of required Type A units.~~

~~1107.6.2.2.1 ~~1107.6.2.1.1~~ Type A units. In Group R-2 occupancies containing more than 20 dwelling units or sleeping units, at least 2 percent but not less than one of the units shall be a Type A unit. All Group R-2 units on a site shall be considered to determine the total number of units and the required number of Type A units. Type A units shall be dispersed among the various classes of units.~~

~~Exceptions:~~

- ~~1. The number of Type A units is permitted to be reduced in accordance with Section 1107.7.~~
- ~~2. Existing structures on a site shall not contribute to the total number of units on a site.~~

~~1107.6.2.2.2 ~~1107.6.2.1.2~~ Type B units. Where there are four or more dwelling units or sleeping units intended to be occupied as a residence in a single structure, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~(E175 AS, E191 AMPC) 1107.6.2.3 1107.6.2.2 Group R-2 other than live/work units, apartment houses, monasteries and convents. In Group R-2 occupancies, other than live/work units, apartment houses, monasteries and convents falling within the scope of Section 1107.6.2.1 and 1107.6.2.2, Accessible units and Type B units shall be provided in accordance with Sections 1107.6.2.3.1 1107.6.2.2.1 and 1107.6.2.3.2 1107.6.2.2.2. Bedrooms within congregate living facilities shall be counted as sleeping units for the purpose of determining the number of units. Where the sleeping units are grouped into suites, only one sleeping unit in each suite shall be permitted to count towards the number of required Accessible units.~~

~~1107.6.2.3.1 1107.6.2.2.1 Accessible units. Accessible dwelling units and sleeping units shall be provided in accordance with Table 1107.6.1.1.~~

~~1107.6.2.3.2 1107.6.2.2.2 Type B units. Where there are four or more dwelling units or sleeping units intended to be occupied as a residence in a single structure, every dwelling unit and every sleeping unit intended to be occupied as a residence shall be a Type B unit.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~(E191 AMPC) 1107.6.3 Group R-3. In Group R-3 occupancies where there are four or more dwelling units or sleeping units intended to be occupied as a residence in a single structure, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit. Bedrooms within congregate living facilities shall be counted as sleeping units for the purpose of determining the number of units.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~1107.6.4 Group R-4. Accessible units and Type B units shall be provided in Group R-4 occupancies in accordance with Sections 1107.6.4.1 and 1107.6.4.2.~~

~~(E186 AMPC, E191 AMPC) 1107.6.4.1 Accessible units. In Group R-4 Condition 1, at least one of the dwelling or sleeping units shall be an Accessible unit. In Group R-4 Condition 2, at least two of the dwelling or sleeping units shall be an Accessible unit. Bedrooms within Group R-4 facilities shall be counted as sleeping units for the purpose of determining the number of units.~~

~~1107.6.4.2 Type B units. In structures with four or more dwelling units or sleeping units intended to be occupied as a residence, every dwelling unit and sleeping unit intended to be occupied as a residence shall be a Type B unit.~~

~~Exception: The number of Type B units is permitted to be reduced in accordance with Section 1107.7.~~

~~1107.7 General exceptions. Where specifically permitted by Section 1107.5 or 1107.6, the required number of Type A units and Type B units is permitted to be reduced in accordance with Sections 1107.7.1 through 1107.7.5.~~

~~1107.7.1 Structures without elevator service. Where no elevator service is provided in a structure, only the dwelling units and sleeping units that are located on stories indicated in Sections 1107.7.1.1 and 1107.7.1.2 are required to be Type A units and Type B units, respectively. The number of Type A units shall be determined in accordance with Section 1107.6.2.1.1 1107.6.2.2.1.~~

~~1107.7.1.1 One story with Type B units required. At least one story containing dwelling units or sleeping units intended to be occupied as a residence shall be provided with an accessible entrance from the exterior of the structure and all units intended to be occupied as a residence on that story shall be Type B units.~~

~~1107.7.1.2 Additional stories with Type B units. On all other stories that have a building entrance in proximity to arrival points intended to serve units on that story, as indicated in Items 1 and 2, all dwelling units and sleeping units intended to be occupied as a residence served by that entrance on that story shall be Type B units.~~

- ~~1. Where the slopes of the undisturbed site measured between the planned entrance and all vehicular or pedestrian arrival points within 50 feet (15 240 mm) of the planned entrance are 10 percent or less, and~~
- ~~2. Where the slopes of the planned finished grade measured between the entrance and all vehicular or pedestrian arrival points within 50 feet (15 240 mm) of the planned entrance are 10 percent or less.~~

~~Where no such arrival points are within 50 feet (15 240 mm) of the entrance, the closest arrival point shall be used unless that arrival point serves the story required by Section 1107.7.1.1.~~

~~1107.7.1.3 Additional stories with entrances through fire walls. Where an entrance is provided to a story of a building from an accessible story of an adjacent building by an opening in a fire wall, all dwelling and sleeping units intended to be occupied as a residence on that story shall be Type B units, provided that the planned finish floor elevation within 5 feet (1524 mm) of each side of the door does not include a change in level in excess of 12 inches (305mm).~~

~~1107.7.1.4 Additional stories with entrances from bridges or elevated walkways. Where an entrance is provided to a story of a building from an accessible story of an adjacent building by a bridge or elevated walkway, all dwelling and sleeping units intended to be occupied as a residence on that story shall be Type B units, provided that the planned finish floor elevation at the building entrance and the planned finish floor elevation at the bridge or elevated walkway connection to the adjacent building is 10 percent or less.~~

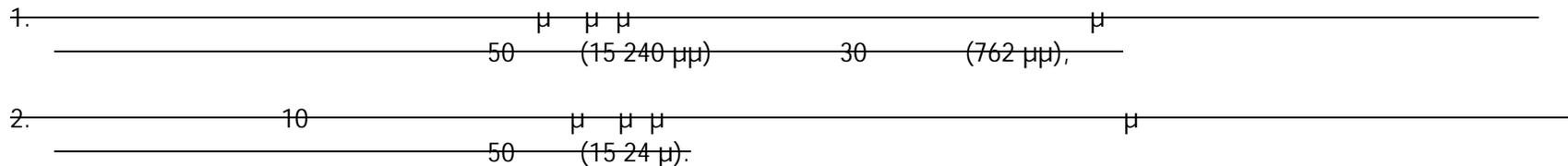
~~(E192-AMPC1) 1107.7.2 Multistory units. A multistory dwelling or sleeping unit which is not provided with elevator service is not required to be a Type B unit. Where a multistory unit is provided with external elevator service to only one floor, the floor provided with elevator service shall be the primary entry to the unit, shall comply with the requirements for a Type B unit and, where provided within the unit, a living area, a kitchen and a toilet facility shall be provided on that floor.~~

~~1107.7.3 Elevator service to the lowest story with units. Where elevator service in the building provides an accessible route only to the lowest story containing dwelling or sleeping units intended to be occupied as a residence, only the units on that story which are intended to be occupied as a residence are required to be Type B units.~~

~~1107.7.4 Site impracticality. On a site with multiple nonelevator buildings, the number of units required by Section 1107.7.1 to be Type B units is permitted to be reduced to a percentage which is equal to the percentage of the entire site having grades, prior to development, which are less than 10 percent, provided that all of the following conditions are met:~~

- ~~1. Not less than 20 percent of the units required by Section 1107.7.1 on the site are Type B units;~~
- ~~2. Units required by Section 1107.7.1, where the slope between the building entrance serving the units on that story and a pedestrian or vehicular arrival point is no greater than 8.33 percent, are Type B units;~~
- ~~3. Units required by Section 1107.7.1, where an elevated walkway is planned between a building entrance serving the units on that story and a pedestrian or vehicular arrival point and the slope between them is 10 percent or less are Type B units; and~~
- ~~4. Units served by an elevator in accordance with Section 1107.7.3 are Type B units.~~

~~1107.7.5 Design flood elevation. The required number of Type A units and Type B units shall not apply to a site where the required elevation of the lowest floor or the lowest horizontal structural building members of nonelevator buildings are at or above the design flood elevation resulting in:~~



~~Where no such arrival points are within 50 feet (15 24 mm) of the primary entrances, the closest arrival points shall be used.~~

SECTION 1108 SPECIAL OCCUPANCIES

~~1108.1 General. In addition to the other requirements of this chapter, the requirements of Sections 1108.2 through 1108.4 shall apply to specific occupancies.~~

~~1108.2 Assembly area seating. A building, room or space used for assembly purposes with fixed seating shall comply with Sections 1108.2.1 through 1108.2.5. Lawn seating shall comply with Section 1108.2.6. Assistive listening systems shall comply with Section~~

~~1108.2.7. Performance areas viewed from assembly seating areas shall comply with Section 1108.2.8. Dining areas shall comply with Section 1108.2.9.~~

~~1108.2.1 Services. If a service or facility is provided in an area that is not accessible, the same service or facility shall be provided on an accessible level and shall be accessible.~~

~~1108.2.2 Wheelchair spaces. In theaters, bleachers, grandstands, stadiums, arenas and other fixed seating assembly areas, accessible wheelchair spaces shall be provided in accordance with Sections 1108.2.2.1 through 1108.2.2.4 1108.2.2.3.~~

~~1108.2.2.1 General seating. Wheelchair spaces shall be provided in accordance with Table 1108.2.2.1.~~

~~TABLE 1108.2.2.1
ACCESSIBLE WHEELCHAIR SPACES~~

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES
4 to 25	1
26 to 50	2
51 to 100	4
101 to 300	5
301 to 500	6
501 to 5,000	6, plus 1 for each 150, or fraction thereof, between 501 through 5,000
5,001 and over	36 plus 1 for each 200, or fraction thereof, over 5,000

~~1108.2.2.2 Luxury boxes, club boxes and suites. In each luxury box, club box, and suite within arenas, stadiums and grandstands, wheelchair spaces shall be provided in accordance with Table 1108.2.2.1.~~

~~1108.2.2.3 Other boxes. In boxes other than those required to comply with Section 1108.2.2.2, the total number of wheelchair spaces provided shall be determined in accordance with Table 1108.2.2.1. Wheelchair spaces shall be located in not less than 20 percent of all boxes provided.~~

~~(E208 relocated) 1110.4.1 1108.2.2.4 Team or player seating. At least one wheelchair space shall be provided in team or player seating areas serving areas of sport activity.~~

~~Exception: Wheelchair spaces shall not be required in team or player seating areas serving bowling lanes that are not required to be located on an accessible route in accordance with Section 1109.15.4.1.~~

~~1108.2.3 Companion seats. At least one companion seat shall be provided for each wheelchair space required by Sections 1108.2.2.1 through 1108.2.2.3.~~

~~1108.2.4 Dispersion of wheelchair spaces in multilevel assembly seating areas. In multilevel assembly seating areas, wheelchair spaces shall be provided on the main floor level and on one of each two additional floor or mezzanine levels. Wheelchair spaces shall be provided in each luxury box, club box and suite within assembly facilities.~~

~~Exceptions:~~

~~a. In multilevel assembly seating areas utilized for worship services where the second floor or mezzanine level contains 25 percent or less of the total seating capacity, wheelchair spaces shall be permitted to all be located on the main level.~~

~~b. In multilevel assembly seating areas where the second floor or mezzanine level provides 25 percent or less of the total seating capacity and 300 or fewer seats, all wheelchair spaces shall be permitted to be located on the main level.~~

~~3. Wheelchair spaces in team or player seating serving areas of sport activity are not required to be dispersed.~~

~~1108.2.5 Designated aisle seats. At least 5 percent, but not less than one, of the total number of aisle seats provided shall be designated aisle seats and shall be the aisle seats located closest to accessible routes.~~

~~Exception: Designated aisle seats are not required in team or player seating serving areas of sport activity.~~

~~1108.2.6 Lawn seating. Lawn seating areas and exterior overflow seating areas, where fixed seats are not provided, shall connect to an accessible route.~~

~~1108.2.7 Assistive listening systems. Each building, room or space used for assembly purposes where audible communications are integral to the use of the space shall have an assistive listening system.~~

~~Exception: Other than in courtrooms, an assistive listening system is not required where there is no audio amplification system.~~

~~(E194 AS) 1108.2.7.1 Receivers. The number and type of receivers shall be provided for assistive listening systems in accordance with Table 1108.2.7.1.~~

~~Exceptions:~~

~~1. Where a building contains more than one room or space used for assembly purposes, the total number of required receivers shall be permitted to be calculated according to the total number of seats in the building, provided that all receivers are usable with all systems and if the rooms or spaces used for assembly purposes required to provide assistive listening are under one management.~~

~~2. Where all seats in a building, room or space used for assembly purposes are served by an induction loop assistive listening system, the minimum number of receivers required by Table 1108.2.7.1 to be hearing-aid compatible shall not be required.~~

~~TABLE 1108.2.7.1-~~

~~RECEIVERS FOR ASSISTIVE LISTENING SYSTEMS~~

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF RECEIVERS	MINIMUM NUMBER OF RECEIVERS TO BE HEARING-AID COMPATIBLE
50 or less	2	2
51 to 200	2, plus 1 per 25 seats over 50 seats*	2
201 to 500	2, plus 1 per 25 seats over 50 seats*	1 per 4 receivers*
501 to 1,000	20, plus 1 per 33 seats over 500 seats*	1 per 4 receivers*
1,001 to 2,000	35, plus 1 per 50 seats over 1,000 seats*	1 per 4 receivers*
Over 2,000	55, plus 1 per 100 seats over 2,000 seats*	1 per 4 receivers*

~~NOTE: * = or fraction thereof~~

~~1108.2.7.2 Ticket Windows. Where ticket windows are provided in stadiums and arenas at least one window at each location shall have an assistive listening system.~~

~~1108.2.7.3 Public address systems. Where stadiums, arenas and grandstands have 15,000 fixed seats or more and provide audible public announcements, they shall also provide pre-recorded or real-time captions of those audible public announcements.~~

~~1108.2.8 Performance areas. An accessible route shall directly connect the performance area to the assembly seating area where a circulation path directly connects a performance area to an assembly seating area. An accessible route shall be provided from performance areas to ancillary areas or facilities used by performers.~~

~~(E195 AS) 1108.2.9 Dining and drinking areas. In dining and drinking areas, all interior and exterior floor areas shall be accessible and be on an accessible route.~~

Exceptions:

- ~~1. An *accessible route* between *accessible* levels and stories above or below is not required where permitted by Section 1104.4, Exception 1.~~
- ~~2. In buildings or facilities not required to provide an *accessible route* between stories, an *accessible route* to dining and drinking areas in a mezzanine is not required, provided that the *mezzanine* contains less than 25 percent of the total combined area for dining and drinking and the same services, and decor and amenities are provided in the *accessible* area.~~
- ~~3. In sports facilities, tiered dining areas providing seating required to be *accessible* shall be required to have *accessible routes* serving at least 25 percent of the dining area, provided that *accessible routes* serve *accessible* seating and where each tier is provided with the same services.~~
- ~~4. Employee only work areas shall comply with Sections 1103.2.3 1103.2.2 and 1104.3.1.~~

~~1108.2.9.1 Dining surfaces. Where dining surfaces for the consumption of food or drink are provided, at least 5 percent, but not less than one, of the dining surfaces for the seating and standing spaces shall be accessible and be distributed throughout the facility and located on a level accessed by an accessible route.~~

~~1108.3 Self-service storage facilities. Self-service storage facilities shall provide accessible individual self-storage spaces in accordance with Table 1108.3.~~

**TABLE 1108.3
ACCESSIBLE SELF-SERVICE STORAGE FACILITIES**

TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE SPACES
1 to 200	5%, but not less than 1
Over 200	10, plus 2% of total number of units over 200

~~1108.3.1 Dispersion. Accessible individual self-service storage spaces shall be dispersed throughout the various classes of spaces provided. Where more classes of spaces are provided than the number of required accessible spaces, the number of accessible spaces shall not be required to exceed that required by Table 1108.3. Accessible spaces are permitted to be dispersed in a single building of a multibuilding facility.~~

~~1108.4 Judicial facilities. Judicial facilities shall comply with Sections 1108.4.1 through 1108.4.3 and 1108.4.2.~~

~~1108.4.1 Courtrooms. Each courtroom shall be accessible and comply with Sections 1108.4.1.1 through 1108.4.1.5.~~

~~1108.4.1.1 Jury box. A wheelchair space shall be provided within the jury box.~~

~~Exception: Adjacent companion seating is not required.~~

~~1108.4.1.2 Gallery seating. Wheelchair spaces shall be provided in accordance with Table 1108.2.2.1. Designated aisle seats shall be provided in accordance with Section 1108.2.5.~~

~~1108.4.1.3 Assistive listening systems. An assistive listening system must be provided. Receivers shall be provided for the assistive listening system in accordance with Section 1108.2.7.1.~~

~~1108.4.1.4 Employee work stations. The judge's bench, clerk's station, bailiff's station, deputy clerk's station and court reporter's station shall be located on an accessible route. The vertical access to elevated employee work stations within a courtroom is not required at the time of initial construction, provided a ramp, lift or elevator can be installed without requiring reconfiguration or extension of the courtroom or extension of the electrical system.~~

~~1108.4.1.5 Other work stations. The litigant's and counsel stations, including the lectern, shall be accessible.~~

~~1108.4.2 Holding cells. Central holding cells and court-floor holding cells shall comply with Sections 1108.4.2.1 and 1108.4.2.2.~~

~~1108.4.2.1 Central holding cells. Where separate central holding cells are provided for adult males, juvenile males, adult females or juvenile females, one of each type shall be accessible. Where central holding cells are provided and are not separated by age or sex, at least one accessible cell shall be provided.~~

~~1108.4.2.2 Court-floor holding cells. Where separate court-floor holding cells are provided for adult males, juvenile males, adult females or juvenile females, each courtroom shall be served by one accessible cell of each type. Where court-floor holding cells are provided and are not separated by age or sex, courtrooms shall be served by at least one accessible cell. Accessible cells shall be permitted to serve more than one courtroom.~~

~~(E196 relocated) 1108.4.3 1109.11.2 Visiting areas.~~

~~(E196 relocated) 1108.4.3.1 1109.11.2.1 Cubicles and counters.~~

~~(E196 relocated) 1108.4.3.2 1109.11.2.2 Partitions.~~

SECTION 1109 OTHER FEATURES AND FACILITIES

~~1109.1 General. Accessible building features and facilities shall be provided in accordance with Sections 1109.2 through 1109.15.~~

~~Exception: Accessible units, Type A units and Type B units shall comply with Chapter 10 of IGC A117.1.~~

~~(E197 AS, E198 AS, E199 AM) 1109.2 Toilet and bathing facilities. Each toilet room and bathing room shall be accessible. Where a floor level is not required to be connected by an accessible route, the only toilet rooms or bathing rooms provided within the facility shall not be located on the inaccessible floor. Except as provided for in Sections 1109.2.2 and 1109.2.3, at least one of each type of fixture, element, control or dispenser in each accessible toilet room and bathing room shall be accessible.~~

Exceptions:

- ~~1. In Toilet rooms or bathing rooms accessed only through a private office, not for common or public use and intended for use by a single occupant, any of the following alternatives are allowed: shall be permitted to comply with the specific exceptions in ICG A117.1.~~
 - ~~1.1 — Doors are permitted to swing into the clear floor space, provided the door swing can be reversed to meet the requirements in ICG A117.1;~~
 - ~~1.2 — The height requirements for the water closet in ICG A117.1 are not applicable;~~
 - ~~1.3 — Grab bars are not required to be installed in a toilet room, provided that reinforcement has been installed in the walls and located so as to permit the installation of such grab bars; and~~
 - ~~1.4 — The requirement for height, knee and toe clearance shall not apply to a lavatory.~~
- ~~2. This section is not applicable to toilet and bathing rooms that serve dwelling units or sleeping units that are not required to be accessible by Section 1107.~~
- ~~3. Where multiple single-user toilet rooms or bathing rooms are clustered at a single location, at least 50 percent but not less than one room for each use at each cluster shall be accessible.~~
 - ~~4. Where no more than one urinal is provided in a toilet room or bathing room, the urinal is not required to be accessible.~~
- ~~5. Toilet rooms or bathing rooms that are part of critical care or intensive care patient sleeping rooms servicing Accessible units are not required to be accessible.~~
- ~~6. Toilet rooms or bathing rooms designed for a bariatric patient are not required to comply with the toilet room and bathing room requirement in ICG A117.1. The sleeping units served by bariatric toilet or bathing rooms shall not count toward the required number of Accessible sleeping units.~~
- ~~6.7. Where toilet facilities are primarily for children's use, required accessible water closets, toilet compartments and lavatories shall be permitted to comply with children's provision of ICG A117.1.~~

~~1109.2.1 Family or assisted-use toilet and bathing rooms. In assembly and mercantile occupancies, an accessible family or assisted-use toilet room shall be provided where an aggregate of six or more male and female water closets is required. In buildings of mixed occupancy, only those water closets required for the assembly or mercantile occupancy shall be used to determine the family or assisted-use toilet room requirement. In recreational facilities where separate-sex bathing rooms are provided, an accessible family or assisted-use bathing room shall be provided. Fixtures located within family or assisted-use toilet and bathing rooms shall be included in determining the number of fixtures provided in an occupancy.~~

~~Exception: Where each separate-sex bathing room has only one shower or bathtub fixture, a family or assisted-use bathing room is not required.~~

~~1109.2.1.1 Standard. Family or assisted-use toilet and bathing rooms shall comply with Sections 1109.2.1.2 through 1109.2.1.7.~~

~~1109.2.1.2 Family or assisted-use toilet rooms. Family or assisted-use toilet rooms shall include only one water closet and only one lavatory. A family or assisted-use bathing room in accordance with Section 1109.2.1.3 shall be considered a family or assisted-use toilet room.~~

~~Exception: A urinal is permitted to be provided in addition to the water closet in a family or assisted-use toilet room.~~

~~1109.2.1.3 Family or assisted-use bathing rooms. Family or assisted-use bathing rooms shall include only one shower or bathtub fixture. Family or assisted-use bathing rooms shall also include one water closet and one lavatory. Where storage facilities are provided for separate-sex bathing rooms, accessible storage facilities shall be provided for family or assisted-use bathing rooms.~~

~~1109.2.1.4 Location. Family or assisted-use toilet and bathing rooms shall be located on an accessible route. Family or assisted-use toilet rooms shall be located not more than one story above or below separate-sex toilet rooms. The accessible route from any separate-sex toilet room to a family or assisted-use toilet room shall not exceed 500 feet (152 m).~~

~~1109.2.1.5 Prohibited location. In passenger transportation facilities and airports, the accessible route from separate-sex toilet rooms to a family or assisted-use toilet room shall not pass through security checkpoints.~~

~~1109.2.1.6 Clear floor space. Where doors swing into a family or assisted-use toilet or bathing room, a clear floor space not less than 30 inches by 48 inches (762 mm by 1219 mm) shall be provided, within the room, beyond the area of the door swing.~~

~~1109.2.1.7 Privacy. Doors to family or assisted-use toilet and bathing rooms shall be securable from within the room.~~

~~(E197 AS) 1109.2.2 Water closet compartment. Where water closet compartments are provided in a toilet room or bathing room, at least one five percent of the total number of compartments shall be wheelchair-accessible compartment compartments shall be provided. Where the combined total water closet compartments and urinals provided in a toilet room or bathing room is six or more, at least one five percent of the total number of compartments shall be ambulatory-accessible water closet compartment shall be provided in addition to the wheelchair-accessible compartment.~~

~~(E200 AMPC) 1109.2.3 Lavatories. Where lavatories are provided, at least 5 percent, but not less than one, shall be accessible. Where an accessible lavatory is located within the accessible water closet compartment at least one additional accessible lavatory shall be provided in the multi-compartment toilet room outside the water closet compartment. Where the total lavatories provided in a toilet room or bathing facility is six or more, at least one lavatory with enhanced reach ranges shall be provided.~~

~~1109.3 Sinks. Where sinks are provided, at least 5 percent but not less than one provided in accessible spaces shall be accessible.~~

~~Exception: Mop or service sinks are not required to be accessible.~~

~~1109.4 Kitchens and kitchenettes. Where kitchens and kitchenettes are provided in accessible spaces or rooms, they shall be accessible.~~

~~1109.5 Drinking fountains. Where drinking fountains are provided on an exterior site, on a floor or within a secured area, the drinking fountains shall be provided in accordance with Sections 1109.5.1 and 1109.5.2.~~

~~(E201 AS) 1109.5.1 Minimum number. No fewer than two drinking fountains shall be provided. One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for standing persons.~~

~~Exceptions:~~

- ~~1. A single drinking fountain with two separate spouts that complies with the requirements for people who use a wheelchair and standing persons shall be permitted to be substituted for two separate drinking fountains.~~
- ~~2. Where drinking fountains are primarily for children's use, drinking fountains for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.~~

~~1109.5.2 More than the minimum number. Where more than the minimum number of drinking fountains specified in Section 1109.5.1 are provided, 50 percent of the total number of drinking fountains provided shall comply with the requirements for persons who use a wheelchair and 50 percent of the total number of drinking fountains provided shall comply with the requirements for standing persons.~~

~~Exceptions:~~

- ~~1. Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down, provided that the total number of drinking fountains complying with this section equals 100 percent of the drinking fountains.~~
- ~~2. Where drinking fountains are primarily for children's use, drinking fountains for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.~~

~~1109.6 Saunas and Steam Rooms. Where provided, saunas and steam rooms shall be accessible.~~

~~Exception: Where saunas or steam rooms are clustered at a single location, at least 5 percent of the saunas and steam rooms, but not less than one, of each type in each cluster shall be accessible.~~

~~1109.7 Elevators. Passenger elevators on an accessible route shall be accessible and comply with Chapter 30.~~

~~(E185 AS, E195 AS, E202 AS, E212 AS) 1109.8 Lifts. Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in Items 1 through 10. Platform (wheelchair) lifts shall be installed in accordance with ASME A18.1.~~

- ~~1. An accessible route to a performing area and speaker platforms in Group A occupancies.~~
- ~~2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements of Sections 1108.2.2 through 1108.2.6.~~
- ~~3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five.~~
- ~~4. An accessible route within a an individual dwelling or sleeping unit required to be an Accessible unit, Type A unit or Type B unit.~~
- ~~5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in Group A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors.~~
- ~~56. An accessible route to jury boxes and witness stands; raised courtroom stations including judges' benches, clerks' stations, bailiffs' stations, deputy clerks' stations and court reporters' stations; and to depressed areas such as the well of the court.~~
- ~~67. An accessible route to load and unload areas serving amusement rides.~~
- ~~78. An accessible route to play components or soft contained play structures.~~
- ~~89. An accessible route to team or player seating areas serving areas of sport activity.~~
- ~~9. An accessible route instead of gangways serving recreational boating facilities and fishing piers and platforms.~~
- ~~10. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.~~

~~1109.9 Storage. Where fixed or built-in storage elements such as cabinets, coat hooks, shelves, medicine cabinets, lockers, closets and drawers are provided in required accessible spaces, at least five percent, but not less than one of each type shall be accessible. 1109.9.1 Equity. Accessible facilities and spaces shall be provided with the same storage elements as provided in the similar non-accessible facilities and spaces.~~

~~1109.9.2 Shelving and display units. Self-service shelves and display units shall be located on an accessible route. Such shelving and display units shall not be required to comply with reach-range provisions.~~

~~1109.10 Detectable warnings. Passenger transit platform edges bordering a drop-off and not protected by platform screens or guards shall have a detectable warning.~~

~~Exception: Detectable warnings are not required at bus stops.~~

~~(E196 AS) 1109.11 Seating at tables, counters and work surfaces. Where seating or standing space at fixed or built-in tables, counters or work surfaces is provided in accessible spaces, at least 5 percent of the seating and standing spaces, but not less than one, shall be accessible. In Group I-3 occupancy visiting areas at least 5 percent, but not less than one, cubicle or counter shall be accessible on both the visitor and detainee sides.~~

~~Exceptions:~~

- ~~1. Check-writing surfaces at check-out aisles not required to comply with Section 1109.11.2 are not required to be accessible.~~

~~2. In Group I-3 occupancies, the counter or cubicle on the detainee side is not required to be accessible at noncontact visiting areas or in areas not serving accessible holding cells or sleeping units.~~

~~1109.11.1 Dispersion. Accessible fixed or built-in seating at tables, counters or work surfaces shall be distributed throughout the space or facility containing such elements and located on a level accessed by an accessible route.~~

~~(E196 AS) 1108.4.3 1109.11.2 Visiting areas. Visiting areas in judicial facilities and Group I-3 shall comply with Sections 1108.4.3.1 and 1108.4.3.2 1109.11.2.1 and 1109.11.2.2.~~

~~(E196 AS) 1108.4.3.1 1109.11.2.1 Cubicles and counters. At least 5 percent, but no fewer not less than one of the cubicles, shall be accessible on both the visitor and detainee sides. Where counters are provided, at least one shall be accessible on both the visitor and detainee sides.~~

~~Exception: This requirement shall not apply to the detainee side of cubicles or counters at noncontact visiting areas not serving Accessible unit holding cells.~~

~~(E196 AS) 1108.4.3.2 1109.11.2.2 Partitions. Where solid partitions or security glazing separate visitors from detainees, at least one of each type of cubicle or counter partition shall be accessible.~~

~~1109.12 Service facilities. Service facilities shall provide for accessible features in accordance with Sections 1109.12.1 through 1109.12.5.~~

~~1109.12.1 Dressing, fitting and locker rooms. Where dressing rooms, fitting rooms or locker rooms are provided, at least 5 percent, but not less than one, of each type of use in each cluster provided shall be accessible.~~

~~(E204 AS) 1109.12.2 Where check-out aisles are provided, accessible check-out aisles shall be provided in accordance with Table 1109.12.2. Where check-out aisles serve different functions, at least one accessible check-out aisle shall be provided for each function. Where checkout aisles serve different functions, accessible check-out aisles shall be provided in accordance with Table 1109.12.2 for each function. Where check-out aisles are dispersed throughout the building or facility, accessible check-out aisles shall also be dispersed. Traffic control devices, security devices and turnstiles located in accessible check-out aisles or lanes shall be accessible.~~

~~Exception: Where the public use area is under 5000 square feet (465 m²) no more than one accessible check-out aisle shall be required.~~

TABLE 1109.12.2
ACCESSIBLE CHECK-OUT AISLES

TOTAL CHECK-OUT AISLES OF EACH FUNCTION	MINIMUM NUMBER OF ACCESSIBLE CHECK-OUT AISLES OF EACH FUNCTION
1 to 4	1
5 to 8	2
9 to 15	3
Over 15	3, plus 20% of additional aisles

~~1109.12.3 Point of sale and service counters. Where counters are provided for sales or distribution of goods or services, at least one of each type provided shall be accessible. Where such counters are dispersed throughout the building or facility, accessible counters shall also be dispersed.~~

~~1109.12.4 Food service lines. Food service lines shall be accessible. Where self-service shelves are provided, at least 50 percent, but not less than one, of each type provided shall be accessible.~~

~~1109.12.5 Queue and waiting lines. Queue and waiting lines servicing accessible counters or check-out aisles shall be accessible.~~

~~(E205) 1109.13 Controls, operating mechanisms and hardware. Controls, operating mechanisms and hardware intended for operation by the occupant, including switches that control lighting and ventilation and electrical convenience outlets, in accessible spaces, along accessible routes or as parts of accessible elements shall be accessible.~~

Exceptions:

- ~~1. Operable parts that are intended for use only by service or maintenance personnel shall not be required to be accessible.~~
- ~~2. Electrical or communication receptacles serving a dedicated use shall not be required to be accessible.~~
- ~~3. Where two or more outlets are provided in a kitchen above a length of counter top that is uninterrupted by a sink or appliance, one outlet shall not be required to be accessible.~~
- ~~4. Floor electrical receptacles shall not be required to be accessible.~~
- ~~5. HVAC diffusers shall not be required to be accessible.~~
- ~~6. Except for light switches, where redundant controls are provided for a single element, one control in each space shall not be required to be accessible.~~

~~7. Access doors or gates in barrier walls and fences protecting pools, spas and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54 inches (1370 mm) maximum and 48 inches minimum above the finished floor or ground, provided the self-latching devices are not also self-locking devices, operated by means of a key, electronic opener, or integral combination lock. comply with Section 1008.1.9.2.~~

~~(E206 ASPC) 1109.13.1 Operable window. Where operable windows are provided in rooms that are required to be accessible in accordance with Sections 1107.5.1.1, 1107.5.2.1, 1107.5.3.1, 1107.5.4, 1107.6.1.1, 1107.6.2.1.1, 1107.6.2.2.1 and 1107.6.4.1, at least one window in each room shall be accessible and each required operable window shall be accessible.~~

~~Exception: Accessible windows are not required in bathrooms and kitchens.~~

~~1109.14 Fuel-dispensing systems. Fuel-dispensing systems shall be accessible.~~

~~(E207 AS) 1109.15 Gaming machines and gaming tables. Where provided, two percent, but not less than one of each type of gaming tables provided shall be accessible and provided with a front approach. Where provided, two percent of gaming machines provided shall be accessible and provided with a front approach. Accessible gaming machines shall be distributed throughout the different types of gaming machines provided.~~

~~1109.15 1110.1 Recreational and sports facilities. (relocated)~~

~~1109.15.1 1110.2.2 Facilities serving in a single building. (relocated)~~

~~1109.15.2 1110.2.3 Facilities serving multiple buildings. (relocated)~~

~~1109.15.3 1110.3 Other occupancies. (relocated)~~

~~1109.15.4 1110.4 Recreational and sports facilities exceptions. (relocated)~~

~~1109.15.4.1 1110.4.3 Bowling lanes. (relocated)~~

~~1109.15.4.2 1110.4.4 Court sports. (relocated)~~

~~1109.15.4.3 1110.4.5 Raised boxing or wrestling rings. (relocated)~~

~~1109.15.4.4 1110.4.6 Raised refereeing, judging and scoring. (relocated)~~

~~1109.15.4.5 1110.4.14.1 Raised diving boards and diving platforms. (relocated)~~

~~(E208 AS, E209 AS, E210 AS, E211 AS, E212 AS, E213 AS, E214 AS, E216 AMPC, E217 AS) SECTION 1110~~
RECREATIONAL FACILITIES

~~(E208 AS, E209 AS, E210 AS, E211 AS, E212 AS, E213 AS, E214 AS, E216 AMPC, E217 AS) 1110.1 1109.15 General Recreational and sports facilities. Recreational and sports facilities shall be provided with accessible features in accordance with Sections 1110.2 1109.15.1 through 1110.4 1109.15.4.~~

~~(E208 AS) 1110.2 Facilities serving Group R-2, R-3 and R-4 occupancies. Recreational facilities that serve Group R-2, R-3 and Group R-4 shall comply with Section 1110.2.1 through 1110.2.3 as applicable.~~

~~(E208 AS) 1110.2.1 Facilities serving Accessible units. In Group R-2 and R-4 occupancies where recreational facilities serve Accessible units, every recreational facility of each type serving Accessible units shall be accessible.~~

~~(E208 AS) 1110.2.2 1109.15.1 Facilities serving Type A and Type B units in a single building. In Group R-2, and R-3 and R-4 occupancies where recreational facilities are provided serving serve a single building containing Type A units or Type B units, 25 percent, but not less than one, of each type of recreational facility shall be accessible. Every recreational facility of each type on a site shall be considered to determine the total number of each type that is required to be accessible.~~

~~(E208 AS) 1110.2.3 1109.15.2 Facilities serving Type A and Type B units in multiple buildings. In Group R-2, and R-3 and R-4 occupancies on a single site where multiple buildings containing Type A units or Type B units are served by recreational facilities, 25 percent, but not less than one, of each type of recreational facility serving each building shall be accessible. The total number of each type of recreational facility that is required to be accessible shall be determined by considering every recreational facility of each type serving each building on the site.~~

~~(E208 AS) 1110.3 1109.15.3 Other occupancies. All recreational facilities not falling within the purview of Section 1110.2 1109.15.1 or 1109.15.2 shall be accessible.~~

~~(E208 AS) 1110.4 1109.15.4 Recreational and sports facilities exceptions. Recreational and sports facilities shall be required to be accessible shall be exempt from this chapter to and shall be on an accessible route to the extent specified in this section.~~

~~(E209 AS) 1110.4.1 Areas of sports activity. Each area of sport activity shall be on an accessible route and shall not be required to be accessible except as provided for in Sections 1110.4.2 through 1110.4.14.~~

~~(E208 AS) 1110.4.2 1108.2.2.4 Team or player seating. At least one wheelchair space shall be provided in team or player seating areas serving areas of sport activity.~~

~~Exception: Wheelchair spaces shall not be required in team or player seating areas serving bowling lanes that are not required to be located on an accessible route in accordance with Section 1109.15.4.1 1110.4.3.~~

~~(E208 AS) 1110.4.3 1109.15.4.1 Bowling lanes. An accessible route shall be provided to at least 5 percent, but no less than one, of each type of bowling lane.~~

~~(E208 AS) 1110.4.4 1109.15.4.2 Court sports. In court sports, at least one accessible route shall directly connect both sides of the court.~~

~~(E208) 1110.4.5 1109.15.4.3 Raised boxing or wrestling rings. Raised boxing or wrestling rings are not required to be accessible or to be on an accessible route.~~

~~(E208 AS) 1110.4.6 1109.15.4.4 Raised refereeing, judging and scoring areas. Raised structures used solely for refereeing, judging or scoring a sport are not required to be accessible or to be on an accessible route.~~

~~(E210 AS) 1110.4.7 Animal Containment Areas. Animal containment areas that are not within public use areas are not required to be accessible or to be on an accessible route.~~

~~(E211 AS) 1110.4.8 Amusement rides. Amusement rides that moves persons through a fixed course within a defined area shall comply with Section 1110.4.8.1 through 1110.4.8.3.~~

~~Exception: Mobile or portable amusement rides shall not be required to be accessible.~~

~~(E211 AS) 1110.4.8.1 Load and unload areas. Load and unload areas serving amusement rides shall be accessible and be on an accessible route. Where load and unload areas have more than one loading or unloading position, at least one loading and unloading position shall be on an accessible route.~~

~~(E211 AS) 1110.4.8.2 Wheelchair spaces, ride seats designed for transfer, and transfer devices. Where amusement rides are in the load and unload position, the position serving a wheelchair spaces, amusement ride seats designed for transfer and transfer devices shall be on an accessible route.~~

~~(E211 AS) 1110.4.8.3 Minimum number. Amusement rides shall provide at least one wheelchair space, amusement ride seat designed for transfer, or transfer device.~~

Exceptions:

- ~~1. Amusement rides that are controlled or operated by the rider are not required to comply with this section.~~
- ~~2. Amusement rides designed primarily for children, where children are assisted on and off the ride by an adult, are not required to comply with this section.~~
- ~~3. Amusement rides that do not provide seats that are built-in or mechanically fastened shall not be required to comply with this section.~~

~~(E212 AS) 1110.4.9 Recreational Boating Facilities. When located within a building or structure, boat slips required to be accessible by Section 1110.4.9.1 and 1110.4.9.2 and boarding piers at boat launch ramps required to be accessible by Section 1110.4.9.3 shall be on an accessible route.~~

~~(E212 AS) 1110.4.9.1 Boat Slips. Accessible boat slips shall be provided in accordance with Table 1110.4.9.1. All units on the site shall be combined to determine the number of accessible boat slips required. Where the number of boat slips is not identified, each 40 feet (12 m) of boat slip edge provided along the perimeter of the pier shall be counted as one boat slip for the purpose of this section.~~

~~Exception: Boat slips not designed for embarking or disembarking are not required to be accessible or be on an accessible route.~~

(E212 AS) TABLE 1110.4.9.1
BOAT SLIPS

<u>Total Number of Boating Slips Provided</u>	<u>Minimum Number of Required Accessible Boating Slips</u>
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<u>1 to 25</u>	<u>1</u>
<u>26 to 50</u>	<u>2</u>
<u>51 to 100</u>	<u>3</u>
<u>101 to 150</u>	<u>4</u>
<u>151 to 300</u>	<u>5</u>
<u>301 to 400</u>	<u>6</u>
<u>401 to 500</u>	<u>7</u>
<u>501 to 600</u>	<u>8</u>
<u>601 to 700</u>	<u>9</u>
<u>701 to 800</u>	<u>10</u>
<u>801 to 900</u>	<u>11</u>
<u>901 to 1000</u>	<u>12</u>
<u>1001 and over</u>	<u>12, plus 1 for every 100, or fraction thereof, over 1000</u>

~~(E212 AS) 1110.4.9.2 Dispersion. Accessible boat slips shall be dispersed throughout the various types of boat slips provided. Where the minimum number of accessible boat slips has been met, no further dispersion shall be required.~~

~~(E212 AS) 1110.4.9.3 Boarding Piers at Boat Launch Ramps. Where boarding piers are provided at boat launch ramps, at least 5 percent, but no fewer than one, of the boarding piers shall be accessible.~~

~~(E213 AS) 1110.4.10 Exercise Machines and Equipment. At least one of each type of exercise machine and equipment shall be on an accessible route.~~

~~(E212 AS) 1110.4.11 Fishing Piers and Platforms. When located within a building or structure, fishing piers and platforms shall be accessible and be on an accessible route.~~

~~(E214 AS) 1110.4.12 Miniature golf facilities. When located within a building or structure, miniature golf facilities shall comply with Section 1110.4.12.1 through 1110.4.12.3.~~

~~(E214 AS) 1110.4.12.1 Minimum Number. At least 50 percent of holes on miniature golf courses shall be accessible.~~

~~(E214 AS) 1110.4.12.2 Miniature Golf Course Configuration. Miniature golf courses shall be configured so that the accessible holes are consecutive. Miniature golf courses shall provide an accessible route from the last accessible hole to the course entrance or exit without requiring travel through any other holes on the course.~~

~~Exception: One break in the sequence of consecutive holes shall be permitted provided that the last hole on the miniature golf course is the last hole in the sequence.~~

~~(E214 AS) 1110.4.12.3 Accessible route. Holes required to comply with Section 1110.4.12.1, including the start of play, shall be on an accessible route.~~

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~~(E216 AMPC) 1110.4.13 Swimming pools, wading pools, hot tubs and spas. Swimming pools, wading pools, hot tubs and spas shall be accessible and be on an accessible route. Exceptions:~~

- ~~1. Catch Pools or a designated section of a pool used as a terminus for a water slide flume shall not be required to provide an accessible means of entry, provided that a portion of the catch pool edge is on an accessible route.~~
- ~~2. Where spas or hot tubs are provided in a cluster, at least 5 percent, but no less than one spa or hot tub in each cluster, shall be accessible and be on an accessible route.~~
- ~~3. Swimming pools, wading pools, spas and hot tubs that are required to be accessible by Section 1110.2.2 and 1110.2.3 are not required to provide accessible means of entry into the water.~~

~~(E208 AS, E216 AMPC) 1110.4.13.1 1109.15.4.5 Raised diving boards and diving platforms. Raised diving boards and diving platforms are not required to be accessible or to be on an accessible route.~~

~~(E216 AMPC) 1110.4.13.2 Water Slides. Water slides are not be required to be accessible or to be on an accessible route.~~

~~(E217 AS) 1110.4.14 Shooting Facilities with Firing Positions. Where shooting facilities with firing positions are designed and constructed within a building or structure, at least 5 percent, but no fewer than one, of each type of firing position shall be accessible and be on an accessible route.~~

SECTION 1110 1111 SIGNAGE

~~(E218 AS, E219 AS, E183 GCC) 1110.1 1111.1 Signs. Required accessible elements shall be identified by the International Symbol of Accessibility at the following locations:~~

~~1. Accessible parking spaces required by Section 1106.1 except where the total number of parking spaces provided is four or less. Accessible parking spaces, van-accessible spaces and passenger loading zones required by section 1106 to be reserved for individuals with disabilities, shall be provided with a sign displaying the International Symbol of Access mounted on a fixed or movable post or otherwise affixed in a vertical position at a clear height of 60 inches (1525 mm) and 84 inches (2185 mm) so that the sign is clearly visible to the driver of a vehicle when parked in such a location.~~

~~1.1 Each access aisle shall be provided with signage reading "No Parking Anytime" at a clear height of 60 inches (1525 mm) and 84 inches (2185 mm) so that the sign is clearly visible to the driver of a vehicle when parked in such a location and shall not interfere with an accessible route from an access aisle.~~

- ~~2. Accessible parking spaces required by Section 1106.2 except in Group I-1, R-2, R-3 and R-4 facilities, where parking spaces are assigned to specific dwelling units or sleeping units, identification of accessible parking spaces shall not be required.~~
- ~~23. Accessible passenger loading zones.~~
- ~~34. Accessible rooms where multiple single-user toilet or bathing rooms are clustered at a single location.~~
- ~~45. Accessible entrances where not all entrances are accessible.~~
- ~~56. Accessible check-out aisles where not all aisles are accessible. The sign, where provided, shall be above the check-out aisle in the same location as the checkout aisle number or type of check-out identification.~~
- ~~67. Family or assisted-use toilet and bathing rooms.~~
- ~~78. Accessible dressing, fitting and locker rooms where not all such rooms are accessible.~~
- ~~89. Accessible areas of refuge in accordance with Section 1007.9.~~
- ~~910. Exterior areas for assisted rescue in accordance with Section 1007.9.~~
- ~~11. In recreational facilities, lockers that are required to be accessible in accordance with Section 1109.9.~~

~~(E221 AS, E222 AS) 1110.2 1111.2 Directional signage. Directional signage indicating the route to the nearest like accessible element shall be provided at the following locations. These nal signs shall include the International Symbol of Accessibility and sign characters shall meet the visual character requirements in accordance with ICC A117.1.~~

- ~~1. Inaccessible building entrances.~~
- ~~2. Inaccessible public toilets and bathing facilities.~~
- ~~3. Elevators not serving an accessible route.~~
- ~~4. At each separate-sex toilet and bathing room indicating the location of the nearest family/assisted-use toilet or bathing room where provided in accordance with Section 1109.2.1.~~
- ~~5. At exits and exit stairways serving a required accessible space, but not providing an approved accessible means of egress, signage shall be provided in accordance with Section 1007.10.~~
- ~~6. Where drinking fountains for persons using wheelchairs and drinking fountains for standing persons are not located adjacent to each other, directional signage shall be provided indicating the location of the other drinking fountains.~~

~~(E211 AS, E223 AS) 1110.3 1111.3 Other signs. Signage indicating special accessibility provisions shall be provided as shown.~~

- ~~1. Each assembly area required to comply with Section 1108.2.7 shall provide a sign notifying patrons of the availability of assistive listening systems complying with the ICC A117.1 requirements for visual characters and shall include the International Symbol of Access for Hearing Loss.~~

Exception: Where ticket offices or windows are provided, signs are not required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems.

- ~~2. At each door to an area of refuge, an exterior area for assisted rescue, an egress stairway, exit passageway and exit discharge, signage shall be provided in accordance with Section 1011.4.~~
- ~~3. At areas of refuge, signage shall be provided in accordance with Section 1007.11.~~
- ~~4. At exterior areas for assisted rescue, signage shall be provided in accordance with Section 1007.11.~~
- ~~5. At two-way communication systems, signage shall be provided in accordance with Section 1007.8.2.~~
- ~~6. Within interior exit stairways and ramps, floor level signage shall be provided in accordance with Section 1022.9.~~

~~7. Signs identifying the type of access provided on *amusement rides* required to be accessible by Section 1110.4.8 shall be provided at entries to queues and waiting lines. In addition, where *accessible* unload areas also serve as *accessible* load areas, signs indicating the location of the *accessible* load and unload areas shall be provided at entries to queues and waiting lines. These directional sign characters shall meet the visual character requirements in accordance with ICG A117.1.~~

~~1111.4 1110.4 Variable Message Signs. Where provided in the locations in Sections 1111.4.1 1110.4.1 and 1110.4.2 1111.4.2, Variable Message Signs (VMS) shall comply with the VMS requirements of ICG A117.1~~

~~1111.4.1 1110.4.1 Transportation facilities. Where provided in transportation facilities, variable message signs conveying transportation related information shall comply with Section 1111.4 1110.4.~~

~~1111.4.2 1110.4.2 Emergency shelters. Where provided in buildings that are designated as emergency shelters, variable message signs conveying emergency related information shall comply with Section 1110.4 1111.4.~~

Exception: Where equivalent information is provided in an audible manner, VMS signs are not required to comply with ICG A117.1.