

CTC MEETING # 22  
December 1 – 2, 2011  
ADA/IBC Coordination SG Report

*Proposed Code Change 1  
General Recreation*

**Revise as follows**

**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.

**1104.3 Connected spaces.** When a building or portion of a building is required to be accessible, an accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and the public way.

**Exceptions:**

1. In assembly areas 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.
3. An accessible route to recreational facilities shall only be required to the extent specified in Section 1110.

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**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.

**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.

**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.

**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.

**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 ~~be accessible~~.

**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.

**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 1110.4.2.

**1110.4.2 1109.15.4.4 Bowling lanes.** An accessible route shall be provided to at least 5 percent, but no less than one, of each type of bowling lane.

**1110.4.3 1109.15.4.2 Court sports.** In court sports, at least one accessible route shall directly connect both sides of the court.

**1110.4.4 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.

**1110.4.5 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.

**1110.4.6 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.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

The intent of this proposal is to move recreational scoping currently in the code to a separate section, Section 1110, Recreational Facilities, instead of being a part of Section 1109, Other Features and Facilities.

1104.2 & 1104.3 - The exceptions for accessible routes in Section 1104.2 and 1104.3 is correlative.

1110.2 through 1110.2.3 - When Group R-2 facilities, such as dormitory buildings, have Accessible units, all recreational facilities provided for residents in the dormitory must be accessible. This is consistent with 2010 ADA. When Group R-2 facilities (with Type A and Type B units), such as apartments and condominiums, have recreational facilities provided for residents, the requirement for 25% of each type is consistent with Fair Housing requirements.

1110.3 – Recreational facilities on their own, or associated with other occupancies are required to be accessible.

1110.4 through 1110.4.5 – the existing recreational provisions in the code are clarified for when they must be accessible, and when an accessible route is required. Please note that the allowances for diving boards is expanded in the proposal dealing with swimming pools.

The following is how this section would look if all proposals were approved. The order of the provisions from Section 1110.4.6 through 1110.4.14 is correlated with the order of the specific technical provisions found in ICC A117.1 and 2010 ADA.

Revise as follows

**105.2 Work exempt from permit.** Exemptions from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits* shall not be required for the following:

**Building:**

1. through 10. (*no change*)
11. Swings and other playground equipment accessory to detached one- and two-family dwellings.
12. Fishing piers and boat docks accessory to detached one- and two-family dwellings.
- 12 through 13. (*renumber, but no change*)

**202 Definitions.** The following words and terms shall, for the purposes of this chapter and as used elsewhere in the code, have the meanings shown herein:

**AREA OF SPORT ACTIVITY.** That portion of a room or space where the play or practice of a sport occurs.

**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

**1104.3 Connected spaces.** When a building or portion of a building is required to be accessible, an accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and the public way.

**Exceptions:**

1. In assembly areas 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.
3. An accessible route to recreational facilities shall only be required to the extent specified in Section 1110.

**1109.7 Lifts.** Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in Items 1 through 49 11. 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 dwelling or sleeping 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.
6. 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.
7. An accessible route to load and unload areas serving amusement rides.
8. An accessible route to play components or soft contained play structures.
9. An accessible route to team or player seating areas serving areas of sport activity.
10. An accessible route instead of gangways serving recreational boating facilities and fishing piers and platforms.
11. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.

**SECTION 1110  
RECREATIONAL FACILITIES**

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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 Section 1110.4.1 through 1110.4.14.

**1110.4.1 1109.2.2.4 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 1110.4.2.

**1110.4.2 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.

**1110.4.3 1109.15.4.2 Court sports.** In court sports, at least one accessible route shall directly connect both sides of the court.

**1110.4.4 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.

**1110.4.5 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.

**1110.4.6 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.

**1110.4.7 Amusement rides.** Amusement rides that moves persons through a fixed course within a defined area shall comply with Section 1110.4.7.1 through 1110.4.7.3.

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

**1110.4.7.1 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.

**1110.4.7.1.1 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.

**1110.4.7.2 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.

**1110.4.8 Recreational Boating Facilities.** Boat slips required to be accessible by Section 1110.4.8.1 and 1110.4.8.2 and boarding piers at boat launch ramps required to be accessible by Section 1110.4.8.3 shall be on an accessible route.

**1110.4.8.1 Boat Slips.** Accessible boat slips shall be provided in accordance with Table 1110.4.8.1. 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.

**TABLE 1110.4.8.1  
BOAT SLIPS**

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

**1110.4.8.2 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.

**1110.4.8.3 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.

**1110.4.9 Exercise Machines and Equipment.** At least one of each type of exercise machine and equipment shall be on an accessible route.

**1110.4.10 Fishing Piers and Platforms.** Fishing piers and platforms shall be accessible and be on an accessible route.

**1110.4.11 Miniature golf facilities.** Miniature golf facilities shall comply with 1110.4.11.1 through 1110.4.11.3.

**1110.4.11.1 Minimum Number.** At least 50 percent of holes on miniature golf courses shall be accessible.

**1110.4.11.2 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.

**1110.4.11.3 Accessible route.** Holes required to comply with 1110.4.11.1, including the start of play, shall be on an accessible route.

**1110.4.12 Play Areas.** Play areas containing play components designed and constructed for children shall be accessible and be located on an accessible route.

**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.

**1110.4.13.1 1109.45.4.5 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.

**1110.4.13.2 Water Slides.** Water slides are not be required to be accessible or to be on an accessible route.

**1110.4.14 Shooting Facilities with Firing Positions.** Where shooting facilities with firing positions are designed and constructed at a site, at least 5 percent, but no less than one, of each type of firing position shall be accessible and be on an accessible route.

**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.  
**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, 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 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 ICC A117.1

**3411.8 (IEBC 410.8) Scoping for alterations.** The provisions of Sections 3411.8.1 through ~~3411.8.14~~ 3411.8.15 shall apply to *alterations* to existing buildings and facilities.

**3411.8.15 (IEBC 410.8.15) Amusement rides.** Where the structural or operational characteristics of an amusement ride are altered to the extent that the amusement ride's performance differs from that specified by the manufacturer or the original design, the amusement ride shall comply with requirements for new construction in Section 1110.4.7.

## APPENDIX E SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS

### SECTION E106 RECREATIONAL FACILITIES

**E106.1 Golf Facilities.** Golf facilities shall comply with E106.1.1 through E106.1.4.

**E106.1.1 Golf Courses.** Golf courses shall comply with E106.1.1.1 through E106.1.1.3.

**E106.1.1.1 Teeing Grounds.** Where one teeing ground is provided for a hole, the teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where two teeing grounds are provided for a hole, the forward teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where three or more teeing grounds are provided for a hole, at least two teeing grounds, including the forward teeing ground, shall be designed and constructed so that a golf car can enter and exit each teeing ground.

**E106.1.1.2 Putting Greens.** Putting greens shall be designed and constructed so that a golf car can enter and exit the putting green.

**E106.1.1.3 Weather Shelters.** Where provided, weather shelters shall be designed and constructed so that a golf car can enter and exit the weather shelter and shall be accessible.

**E106.1.2 Practice Putting Greens, Practice Teeing Grounds, and Teeing Stations at Driving Ranges.** At least 5 percent, but no fewer than one, of practice putting greens, practice teeing grounds, and teeing stations at driving ranges shall be designed and constructed so that a golf car can enter and exit.

**E106.1.3 Accessible route.** At least one accessible route shall connect accessible elements and spaces within the boundary of the golf course. In addition, accessible routes serving golf car rental areas; bag drop areas; course weather shelters complying with Section E106.1.1.3; course toilet rooms; practice putting greens; practice teeing grounds; and teeing stations at driving ranges complying with Section E106.1.2 shall comply with the accessible route requirements for golf courses in ICC A117.1.

**Exception:** Accessible golf car passages shall be permitted to be used for all or part of accessible routes required by this section.

**E106.1.4 Teeing Grounds.** When teeing grounds are being altered, teeing grounds shall comply with Section E106.1.1.1.

**Exception:** In existing golf courses, the forward teeing ground shall not be required to be one of the teeing grounds on a hole designed and constructed so that a golf car can enter and exit the teeing ground where compliance is not feasible due to terrain.

Part II

Revise as follows:

**IEBC 705.1 General.** A *facility* that is altered shall comply with the applicable provisions in Sections 705.1.1 through ~~705.1.14~~ 705.1.15, and Chapter 11 of the *International Building Code* unless it is *technically infeasible*. Where compliance with this section is *technically infeasible*, the alteration shall provide access to the maximum extent that is technically feasible. A *facility* that is constructed or altered to be accessible shall be maintained accessible during occupancy.

**Exceptions:**

1. The altered element or space is not required to be on an accessible route unless required by Section 705.2.
2. Accessible means of egress required by Chapter 10 of the *International Building Code* are not required to be provided in existing *facilities*.
3. Type B dwelling or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing *facilities* undergoing less than a Level 3 alteration.
4. The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provisions for Type B dwelling units.

**IEBC 705.1.15 Amusement rides.** Where the structural or operational characteristics of an amusement ride are altered to the extent that the amusement ride's performance differs from that specified by the manufacturer or the original design, the amusement ride shall comply with requirements for new construction in the International Building Code, Section 1110.4.8.

*Proposed Code Change 2  
Areas of Sports Activity*

**Revise as follows**

**1102.1 Definitions.** The following words and terms shall, for the purposes of this chapter and as used elsewhere in the code, have the meanings shown herein:

**AREA OF SPORT ACTIVITY.** That portion of a room or space where the play or practice of a sport occurs.

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**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 Section 1110.4.2 through 1110.4.14.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

The definition for 'area of sport activity' is correlated with 2010 ADA. Technical guidance provided by the Access Board indicates that "area of sports activity" is a broad term intended to cover a diverse number of indoor and outdoor sports fields and areas. The "area of sports activity" is "that portion of a room or space where the play or practice of a sport occurs." In addition, a safety border is provided around the field. Players may temporarily be in the space between the boundary lines and the safety border when they are pushed out of bounds or momentum carries them forward when receiving a pass. As in football, that space is used as part of the game and is included in the area of sports activity.

The intent is that an accessible route is required to each location where a sports activity takes place, such as to the baseball field, ice rink, tennis court or swimming pool. It is not intended for there to be accessibility requirements into or onto the playing surface unless specifically addressed. For example, an accessible route is required to the baseball field or ice rink, but participation on the field is based on the individual's ability. The baseball field or ice rink itself is not required to be modified. Areas such as tennis courts have to have a route to each side of the court, because playing tennis includes changing sides between sets (this requirement is in current language). Swimming pools are also areas of sports activities. The new provisions in ICC A117.1 will address how to provide access into the water based on the type of pool and options for entry. (There is a companion proposal to provide additional guidance for pools.)

*Proposed Code Change 3*  
*Animal containment areas*

**Revise as follows**

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.6 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.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

Technical guidance provided by the Access Board indicates that "If the public has access to animal containment areas, accessible routes must connect to each animal containment areas. Examples may include petting zoos, petting farms, public pathways for viewing livestock display tents, or other area where public has access to animals. Horse riding arenas would be considered 'areas of sports activity'. Animal containment areas not open to the public are exempted.

Revise as follows:

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.7 Amusement rides.** Amusement rides that moves persons through a fixed course within a defined area shall comply with Section 1110.4.7.1 through 1110.4.7.3.

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

**1110.4.7.1 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.

**1110.4.7.1.1 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.

**1110.4.7.2 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.

**1111.3 1110.3 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.  
**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, 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 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 ICC A117.1

**3411.8 (IEBC 410.8) Scoping for alterations.** The provisions of Sections 3411.8.1 through 3411.8.14 3411.8.15 shall apply to *alterations* to existing buildings and facilities.

**3411.8.15 (IEBC 410.8.15) Amusement rides.** Where the structural or operational characteristics of an amusement ride are altered to the extent that the amusement ride's performance differs from that specified by the manufacturer or the original design, the amusement ride shall comply with requirements for new construction in Section 1110.4.7.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for amusement rides. To the extent that amusement rides are subject to the code, they should be accessible and usable by individuals with disabilities. These scoping provisions are flexible permitting latitude in terms of the method of access e.g. transfer seat, roll-on seat or transfer device to lift the rider. Mobile and portable rides are exempted in Section 1110.4.7. Rides without seats, those designed for children who are assisted onto the ride and those rides controlled by the user are also exempted under 1110.4.7.2 from providing wheelchair transfer spaces. Technical criteria can be found in the 2009 edition of the ICC A117.1, Section 1102 and includes accessible routes, load and unload areas, wheelchair spaces on rides, seats for transfer, and transfer devices.

#### *Proposed Code Change 4 - Part II Amusement Rides*

#### **Revise as follows:**

**IEBC 705.1 General.** A *facility* that is altered shall comply with the applicable provisions in Sections 705.1.1 through ~~705.1.14~~ 705.1.15, and Chapter 11 of the *International Building Code* unless it is *technically infeasible*. Where compliance with this section is *technically infeasible*, the alteration shall provide access to the maximum extent that is technically feasible. A *facility* that is constructed or altered to be accessible shall be maintained accessible during occupancy.

#### **Exceptions:**

1. The altered element or space is not required to be on an accessible route unless required by Section 705.2.
2. Accessible means of egress required by Chapter 10 of the *International Building Code* are not required to be provided in existing *facilities*.
3. Type B dwelling or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing *facilities* undergoing less than a Level 3 *alteration*.
4. The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provisions for Type B dwelling units.

**IEBC 705.1.15 Amusement rides.** Where the structural or operational characteristics of an amusement ride are altered to the extent that the amusement ride's performance differs from that specified by the manufacturer or the original design, the amusement ride shall comply with requirements for new construction in the International Building Code, Section 1110.4.7.

**Commenter's Reason:** The accessibility requirements for new construction for Amusement rides have been proposed to the IBC as part of a coordination effort with the 2010 ADA Standard for Accessible Design and 2009 ICC A117.1 Chapter 11, Recreation. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

The intent of this public comment is to match the provisions for existing building proposed for IBC Chapter 34 and IEBC Chapter 4. This way the provisions for existing buildings will be consistent between Chapter 4 and 7 of the IEBC. Technical criteria can be found in the 2009 edition of the ICC A117.1, Section 1102 and includes accessible routes, load and unload areas, wheelchair spaces on rides, seats for transfer, and transfer devices.

**Revise as follows:**

**105.2 Work exempt from permit.** Exemptions from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits* shall not be required for the following:

**Building:**

1. through 10. (*no change*)
11. Swings and other playground equipment accessory to detached one- and two-family dwellings.
12. Fishing piers and boat docks accessory to detached one- and two-family dwellings.
- 12 through 13. (*renumber, but no change*)

**1109.7 Lifts.** Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in Items 1 through ~~40~~ 11. 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 dwelling or sleeping 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.
6. 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.
7. An accessible route to load and unload areas serving amusement rides.
8. An accessible route to play components or soft contained play structures.
9. An accessible route to team or player seating areas serving areas of sport activity.
10. An accessible route instead of gangways serving recreational boating facilities and fishing piers and platforms.
11. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.8 Recreational Boating Facilities.** Boat slips required to be accessible by Section 1110.4.8.1 and 1110.4.8.2 and boarding piers at boat launch ramps required to be accessible by Section 1110.4.8.3 shall be on an accessible route.

**1110.4.8.1 Boat Slips.** Accessible boat slips shall be provided in accordance with Table 1110.4.8.1. 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.

**TABLE 1110.4.8.1  
BOAT SLIPS**

<u>Total Number of Boating Slips Provided</u>	<u>Minimum Number of Required Accessible Boating Slips</u>
<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>

**1110.4.8.2 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.

**1110.4.8.3 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.

**1110.4.10 Fishing Piers and Platforms.** Fishing piers and platforms shall be accessible and be on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for boating and fishing piers. It is common for boating and fishing piers to be constructed as part of waterfront development that is subject to the building code. Technical criteria can be found in the 2009 edition of the ICC A117.1, Sections 1103 and 1105 and includes accessible routes and clearances for boat docks and accessible routes, railings, edge protection, clear floor space and turning space for fishing piers. If a guard is provided or required, it is not required to be lowered for fishermen with disabilities.

Section 1110.4.8.3 does not require accessibility to the boat launch ramp, but only where a boarding pier is provided adjacent to the boat launch ramp.

*Proposed Code Change 6  
Golf Courses*

**Revise as follows:**

## APPENDIX E SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS

### SECTION E106 RECREATIONAL FACILITIES

**E106.1 Golf Facilities.** Golf facilities shall comply with E106.1.1 through E106.1.4.

**E106.1.1 Golf Courses.** Golf courses shall comply with E106.1.1.1 through E106.1.1.3.

**E106.1.1.1 Teeing Grounds.** Where one teeing ground is provided for a hole, the teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where two teeing grounds are provided for a hole, the forward teeing ground shall be designed and constructed so that a golf car can enter and exit the teeing ground. Where three or more teeing grounds are provided for a hole, at least two teeing grounds, including the forward teeing ground, shall be designed and constructed so that a golf car can enter and exit each teeing ground.

**E106.1.1.2 Putting Greens.** Putting greens shall be designed and constructed so that a golf car can enter and exit the putting green.

**E106.1.1.3 Weather Shelters.** Where provided, weather shelters shall be designed and constructed so that a golf car can enter and exit the weather shelter and shall be accessible.

**E106.1.2 Practice Putting Greens, Practice Teeing Grounds, and Teeing Stations at Driving Ranges.** At least 5 percent, but no fewer than one, of practice putting greens, practice teeing grounds, and teeing stations at driving ranges shall be designed and constructed so that a golf car can enter and exit.

**E106.1.3 Accessible route.** At least one accessible route shall connect accessible elements and spaces within the boundary of the golf course. In addition, accessible routes serving golf car rental areas; bag drop areas; course weather shelters complying with Section E106.1.1.3; course toilet rooms; practice putting greens; practice teeing grounds; and teeing stations at driving ranges complying with Section E106.1.2 shall comply with the accessible route requirements for golf courses in ICC A117.1.

**Exception:** Accessible golf car passages shall be permitted to be used for all or part of accessible routes required by this section.

**E106.1.4 Teeing Grounds.** When teeing grounds are being altered, teeing grounds shall comply with Section E106.1.1.1.

**Exception:** In existing golf courses, the forward teeing ground shall not be required to be one of the teeing grounds on a hole designed and constructed so that a golf car can enter and exit the teeing ground where compliance is not feasible due to terrain.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for constructed elements within golf facilities. Where a elements within a golf course is subject to the building code, this will ensure that people with disabilities are not excluded from the recreational and business opportunities on the course. Please note that a passage sufficiently wide for a golf car substitutes for an accessible route. Today, golfers with disabilities use accessible golf cars, also known as single-rider carts, that are designed to have little impact on the greens and are operated with one-handed controls. Golfers sit in the swivel seats and position to hit the ball from a seated position. Technical criteria can be found in the 2009 edition of the ICC A117.1, Section 1106 and includes criteria for accessible routes, golf cart passage and weather shelters.

Proposed Code Change 7  
Play areas

Revise as follows:

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.12 Play Areas.** Play areas containing play components designed and constructed for children shall be accessible and be located on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for play areas. Currently, Section 402.6.3 addresses "structures intended as children's playgrounds" and Section 105.2 exempts "swings and other playground equipment accessory to detached one- and two-family dwellings" from permits. To the extent that children's play facilities are covered by the IBC, they should be accessible to children with disabilities. These scoping requirements are reasonable and are the result of recommendations from a regulatory negotiation committee the Access Board established for this purpose that included ASTM Public Playground, Soft Contained Play, and Playground Surfacing Systems Committees manufacturers of play equipment, landscape architects, government associations, elementary school associations, and organizations representing people with disabilities. Since the Access Board's guidelines were published in late 2000, manufacturers offer play equipment complying with these scoping and technical criteria. The 2009 edition of the ICC A117.1, Section 1108, contains technical criteria for play areas consistent with the 2010 ADA Standard.

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Proposed Code Change 8  
Swimming Pools

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**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.

**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.

**1110.4.13.2 Water Slides.** Water slides are not be required to be accessible or to be on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for swimming pools, wading pools, hot tubs and spas. This is especially important that use swimming pools for exercise or rehabilitation. The exceptions for Section 1110.4.13 are exceptions for pools used only be water slides, and a percentage of hot tubs. These exceptions, along with the exceptions for diving boards and water slides are logical, and consistent with ADA. The 2009 edition of the ICC A117.1, Section 1109, contains technical criteria for play areas consistent with the 2010 ADA Standard. Criteria for entry points include options for pool lifts, sloped entries, transfer walls, transfer systems and pool stairs.

The *International Swimming Pool and Spa Code*, Section 307.9, references the IBC for accessibility requirements for pools.

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*Proposed Code Change 9*  
*Miniature Golf*

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.11 Miniature golf facilities.** Miniature golf facilities shall comply with 1110.4.11.1 through 1110.4.11.3.

**1110.4.11.1 Minimum Number.** At least 50 percent of holes on miniature golf courses shall be accessible.

**1110.4.11.2 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.

**1110.4.11.3 Accessible route.** Holes required to comply with 1110.4.11.1, including the start of play, shall be on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for miniature golf facilities. Today, miniature golf facilities are likely to be structures comprised of components and materials that are subject to the IBC. To the extent that such facilities are subject to the IBC, they should be accessible to individuals with mobility impairments. Technical criteria can be found in the 2009 edition of the ICC A117.1, Section 1107 and includes accessible routes and criteria for each hole.

*Proposed Code Change 10*  
*Exercise equipment*

**SECTION 1110**  
**RECREATIONAL FACILITIES**

**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.

**1110.4.9 Exercise Machines and Equipment.** At least one of each type of exercise machine and equipment shall be on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for areas that contain exercise machines and equipment. A preliminary layout is typically supplied as part of the construction drawings, similar to table layouts for restaurants. The technical criteria do not require the equipment and machines to be accessible; they merely require clearances adjacent to the machines so that individuals with a mobility impairment can get to them. Technical criteria for the clear floor space can be found in the 2009 edition of the ICC A117.1, Section 1104.

*Proposed Code Change 11  
Shooting Facilities*

## **SECTION 1110 RECREATIONAL FACILITIES**

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

**1110.4.14 Shooting Facilities with Firing Positions.** Where shooting facilities with firing positions are designed and constructed at a site, at least 5 percent, but no fewer than one, of each type of firing position shall be accessible and be on an accessible route.

**Commenter's Reason:** This proposal is part of a coordination effort with the 2010 ADA Standard for Accessible Design and the new technical provisions for recreational facilities found in 2009 ICC A117.1 Chapter 11. This overall proposal for recreational facilities has been divided into parts so that the membership can look at each type of recreational facilities on its own merit. The overall intent is to provide access to recreational facilities so that persons with mobility impairments can participate to the best of their ability. The requirements are not intended to change any essential aspects of that recreational activity.

This proposal contains scoping provisions for shooting facilities where fixed firing positions are provided. Technical criteria can be found in the 2009 edition of the ICC A117.1, Section 1110. Technical criteria for a turning space at the firing position can be found in the 2009 edition of the ICC A117.1, Section 1106.

By types of firing positions, the intent is to address types of weapons, rifle, handgun, bow and arrow; lighted; and covered or not covered.

Vertical Access – split into 4 proposals

*Proposed Code Change 12  
General Vertical Access*

**1104.3 Connected spaces.** When a building or portion of a building is required to be *accessible*, an *accessible route* shall be provided to each portion of the building, to *accessible* building entrances connecting *accessible pedestrian walkways* and the *public way*.

**Exceptions:**

1. Stories and mezzanines exempted by Section 1104.4.

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.~~
3. 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.

**1104.4 Multilevel buildings and facilities.** At least one *accessible route* shall connect each *accessible level story*, including mezzanines or *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 m<sup>2</sup>) 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.

**Reason:** The intent is to address vertical access within a floor, and between stories. The committee proposes to provide exceptions consistent with 2010 ADA with the exception of the 2<sup>nd</sup> story limitation currently in the code, and to not differentiate between public or private schools when dealing with dorm access.

Therefore, this proposal is to coordinate with ADA accessibility provisions that are less than currently in IBC or more specifically addressed than in IBC. Sections 1104.3 and 1107.3 are intended to deal with connecting all accessible spaces, be in on a raised or level portion or a floor change. Sections 1104.4 and 1107.4 are intended to deal with connections between stories (including mezzanines because of the height) where typically the route is via an elevator.

- 1104.3 Connected spaces –
  - New exception 1 is a coordination with the ‘elevator’ exception between mezzanines and stories in Section 1104.4. (ADA 206.2.4 main text and Exp. 3)
  - New exception 2 allows for tiered seating in assembly areas that comply with 1108 for wheelchair spaces and dispersion. (ADA 206.2.4, Exp. 2)
  - Current Exception 2 – since this allowance is specific to Accessible units in Group I-2, and coordination with ADA will also limit this to hospitals, this has been relocated to where routes to Accessible units are required (IBC 1107.3 and ADA 404.2.4 Exp.)
  - New exception 3 – relocated from 1104.4, since courtroom access is a level change, not a story change (AD 206.2.4, exp. 1).
- 1104.4 Multilevel buildings and facilities – An *accessible route* must connect stories and mezzanine. The ADA considers mezzanines a story, and IBC considers a mezzanine part of the story below, so there is a slight difference in terminology. The intent is for this section to mainly deal with changes that typically use an elevator. (ADA 206.2.3)
  - Exception 1.1 – further coordination with the ADA description of shopping mall or shopping center and the intent of this limitation to apply only to when a tenant is only on a non-accessible level. (ADA 206.2.3. Exp. 1)
  - Exception 1.2 – address terminology differences between ADA and IBC for mezzanines
  - Exception 1.4 – the intent is to address Title II buildings and/or public entities without having to go into funding issues. The description does not have to be as extensive because the IBC 2<sup>nd</sup> floor exception is much smaller than ADA Title III.
  - Exception 2 – address terminology differences between ADA and IBC for mezzanines

*Proposed Code Change 13  
Institutional and Residential Vertical Access*



**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.
- ~~2.4. Recreational facilities in accordance with Section 1109.15.~~
- ~~3.2. In Group I-2 hospital facilities, doors to *Accessible sleeping units* shall be exempted from the requirements for not be required to provide the portion of the maneuvering clearance beyond the latch side of the door. at the room side provided the door is a minimum of 44 inches (1118 mm) in width.~~
4. 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.

**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.~~
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 1107.6.2.1.1 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 at places of education, in Group R-2 facilities with *Accessible units* complying with Section 1107.6.2.2.1 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 shall be provide are provided on that level.
6. In Group R-3 and R-4 congregate residences, 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. **1107.7.2 Multistory units.** In Group I-1, I-2, R-1, R-2, R-3 or R-4 a *multistory dwelling* or *sleeping unit* which is not provided with elevator service is not required to be a *Type A unit* or a *Type B unit*.
8. In Group I-1, I-2, R-1, R-2, R-3 or R-4 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 a toilet facility shall be provided on that floor.

9. An accessible route between stories is not required where Type B units are not required by Sections 1107.7.1.1 and 1107.7.1.2.

**1107.7 General exceptions. ...**

**1107.7.1 Structures without elevator service. ...**

**1107.7.1.1 One story with Type B units required. ...**

**1107.7.1.2 Additional stories with Type B units. ...**

~~**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 a toilet facility shall be provided on that floor. (Moved to accessible routes)~~

**1107.7.3 Elevator service to the lowest story with units. ...**

**1107.7.4 Site impracticality. ...**

**1107.7.5 Design flood elevation. ....**

**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* to or 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.
6. 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.
7. An *accessible route* to load and unload areas serving amusement rides.
8. An *accessible route* to play components or soft contained play structures.
9. An *accessible route* to team or player seating areas serving areas of sport activity.

**Reason:** The intent is to address vertical access within a floor, and between stories. The committee proposes to provide exceptions consistent with 2010 ADA with the exception of the 2<sup>nd</sup> story limitation currently in the code, and to not differentiate between public or private schools when dealing with dorm access.

Therefore, this proposal is to coordinate with ADA accessibility provisions that are less than currently in IBC or more specifically addressed than in IBC. Sections 1104.3 and 1107.3 are intended to deal with connecting all accessible spaces, be in on a raised or level portion or a floor change. Sections 1104.4 and 1107.4 are intended to deal with connections between stories (including mezzanines because of the height) where typically the route is via an elevator.

- 1107.3 Accessible spaces –
  - New exception 1 is a coordination with the 'elevator' exception between mezzanines and stories in Section 1107.4. (ADA 206.2.4 main text and Exp. 3)
  - New Exception 3 – Coordination with ADA 404.2.4 Exception for maneuvering clearance at Group I-2 hospital doors.
  - New exception 4 – relocated exception 2 from 1107.4 since this is an elevation change, not a story change

- 1107.4 Accessible routes –
  - Current exception 2 – relocated to 1107.3
  - New exception 2 – an accessible route is not required in jails where there are no Accessible units on upper levels. (ADA 206.2.3, Exp. 3)
  - New exception 3 – In large apartments, convents or monasteries, where Type A units are required, a route is not required to other stories in the building if all common use spaces are also on the accessible level. This is consistent with FHA exception for Type B units. (ADA 206.2.2 Exp. 4)
  - New exception 4 – In sororities or fraternities, an accessible route is not required to other stories when the Accessible units and public and common spaces are on the accessible level. Dormitories in places of education, as Title II buildings, are required to have an accessible on all levels. (ADA 206.2.3 Exp. 4)
  - New exception 5 – Multi-story hotel rooms in hotels are not required to have an route between floors where a sleeping area and toilet are located on the accessible level (ADA 206.2.3 Exp. 5)
  - New exception 6 – In small sororities, fraternities and group homes, an accessible route is not required to a 2<sup>nd</sup> floor if Accessible and Type B units and all public and common spaces are on the accessible level.
  - New exception 7 – relocate 1107.7.2 (current townhouse exception) so that access between levels can be addressed in 1107.4
  - New exception 8 – relocate 1107.7.2 (two story apartment exception) so that access between levels can be addressed in 1107.4.
  - New exception 9 – coordination with buildings without elevators and FHA Type B units in 1107.7.1.1.
- 1107.7.2 Multi-story units - relocated to 1107.4 so that access between stories for residential units can be in one location.
- 1108.2.4 Dispersion of wheelchair space in multilevel assembly seating areas – The current language is an attempt to explain ADA requirement for vertical dispersion at a variety of distances. The last sentence is added due to ADA 206.2.4 Exp. 2 and 221.2.3.2.
  - Exp. 2 – ADA 221.2.3.2 Exp. 1 allows an exception for balconies, but only when the entire seating area has 300 seats, not when the balcony has 300 seats.
- 1108.2.9 Dining and drinking areas – add the route requirement for where wheelchair dining seating is provided.
  - Exception 2 - Suggestions that will include subtle differences not in ADA 206.2.5 Exp. 1. IBC addresses seating and standing spaces for drinking and dining, not just seating for dining. Also, the current IBC language could use entire area for restaurant, not just dining areas. Since 'amenities' is open for interpretation and not in ADA/ABA, take it out.
- 1109.8 Lifts –
  - Item 4 – coordination with limits of serving only individual units in ADA 206.7.3.
- 1007.5 Platform lifts – coordination for exiting with 1109.8 allowances for the platform lift used for entering into a space

*Proposed Code Change 14*  
*Assembly Vertical Access*

**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 and 1104.3.1.

**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. through 10. no change

Reason:

- 1108.2.9 Dining and drinking areas – add the route requirement for where wheelchair dining seating is provided.
  - Exception 2 - Suggestions that will include subtle differences not in ADA 206.2.5 Exp. 1. IBC addresses seating and standing spaces for drinking and dining, not just seating for dining. Also, the current IBC language could use entire area for restaurant, not just dining areas. Since 'amenities' is open for interpretation and not in ADA/ABA, take it out.
- 1109.8 Lifts –

- o Item 1 – platforms can be in other than Group A

*Proposed Code Change 15*  
*Existing buildings Vertical Access*

**3411.8.4 (IEBC 410.8.4) Stairs and escalators in existing buildings.** In *alterations*, change of occupancy or *additions* where an escalator or *stair* is added where none existed previously and major structural modifications are necessary for installation, an *accessible* route shall be provided between the levels served by the escalator or *stairs* in accordance with Sections 1104.4 and ~~1104.5~~.

**IEBC 806.2 Stairs and escalators in existing buildings.** In *alterations* where an escalator or stair is added where none existed previously, an accessible route shall be provided in accordance with Sections 1104.4 and ~~1104.5~~ of the *International Building Code*.

Reason: 3411.8.4 Stairs and escalators in existing buildings – The intent is that the accessible route will be permitted to be provided in the same area as the new construction, and not require it to be located elsewhere. Section 1104.5 could require the accessible route to be provided in another part of the building if the new stairway was not a general circulation route.

*Proposed Code Change 16*  
*Religious facilities*

**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 m<sup>2</sup>) 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.

**Reason:** While all places of religious worship should be accessible for persons with disabilities, religious traditions and rituals that result in raised areas at the front of the sanctuary should also be honored. In addition to a line-of-sight issue, there are specific situations where areas such as high alters, speaker areas or baptisteries are raised. Honoring this is similar to the practical allowances already permitted for courtrooms, employee work areas, are raised areas within some sports facilities (i.e., referee stands). For examples, please see the pictures below.

The change to add Section 1103.2.8 would exempt small portions of altar areas in recognition of religious practices. Last cycle there was a similar change, but the committee asked for a size limitation. The 300 sq.ft. is taken from the employee work area numbers. While in religious facilities these areas are not limited to just employees, the number seemed reasonable to pick up the problem areas while not picking up the entire front platform except in very small facilities.

*Proposed Code Change 17*  
*Scope*

**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~~.

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

**E101.1 Scope.** The provisions of this appendix shall control the supplementary requirements for the design and construction of facilities for accessibility for individuals with disabilities ~~to physically disabled persons~~.

**Reason:** Revise for more correct 'people first' language. (ADA 201.1)

*Proposed Code Change 18*  
*General exceptions*

**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.

**1103.2.2 Existing buildings.** Existing buildings shall comply with Section 3411.

**1103.2.3 Employee work areas.** Spaces and elements within employee work areas shall only be required to comply with Sections 907.9.1.2, 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 m<sup>2</sup>) 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.

**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.

**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.

**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.

**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.

**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.

**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.~~

**1103.2.10 Single-occupant structures.** 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~~. comply with this Chapter.

**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.

**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.

**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.

**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.

**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.

**Reason:** The purpose of this proposal is to clarify how these exceptions are applied.

**1103.2.3** - Courtrooms work stations are more specifically addressed in 1108.4.1.4. (ADA 203.9)

**1103.2.4** - Clarify that this is a total exception, including a route to the detached dwelling. Consistency in language between sections. (not in ADA)

**1103.2.5** - Clarify that this is a total exception, including a route to the building. Consistency in language between sections. (not in ADA)

**1103.2.6** - Clarify that this is a total exception, including a route to the site. Consistency in language between sections. (ADA 203.2)

**1103.2.7** - Clarify that this is a total exception, including a route to the space. Consistency in language between sections. (ADA 203.3)

**1103.2.8** - Clarify that this is a total exception, including a route to the space. Consistency in language between sections. ADA does not require the area to be non-occupiable and intends to allow this to be okay for areas such as stage lighting and sound catwalks (ADA 203.4)

**1103.2.9** - The performance language is made clearer. The laundry list is not needed. Clarify that this is a total exception, including a route to the space. Consistency in language between sections. (ADA 203.5)

**1103.2.10** - Clarify that this is a total exception, including a route to the space. Consistency in language between sections. (ADA 203.6)

**1103.2.11** - Clarify that this is a total exception, including a route to the space. Consistency in language between sections. (ADA definition of Transient Lodging threshold)

**1103.2.14** - Consistency in terminology for the section. In addition, jails are only required to have Accessible units in accordance with Section 1107.5.5. This would also be more consistent with the ADA reference (ADA 203.7).

**1103.2.15** - Clarify that this is a total exception, including a route to the cooler or freezer. Consistency in language between sections (not in ADA).

### *Proposed Code Change 19*

#### *Existing building reference*

~~**1103.2.2 Existing buildings.** Existing buildings shall comply with Section 3411.~~

**Reason:** Propose deletion because all existing buildings go to Chapter 34. Also would allow 3401.6 to allow option for IEBC

### *Proposed Code Change 20*

#### *Toll booths*

**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.~~

**Reason:** Clarification that this section is only intended to apply to toll-booths. (ADA 203.6)

### *Proposed Code Change 21*

#### *In-home businesses*

~~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.~~

~~1103.2.13 1107.6.2.1 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. 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.

**Reason:** 1103.2.12 - Day care is typically constructed under IRC, so it would not be covered. Or if this is a mixed use building, the requirements are covered within the chapter. This is also not a general exception, so it should not be under 1103.2.

1103.2.13 - This section is incorrectly located under general exceptions. Since a Live/work unit is a Group R-2, the provisions should be grouped with R-2 dwelling units. (DOJ regulations (b) Commercial facilities located in private residences.)

### *Proposed Code Change 22* *Jails*

**1107.5.5.1 Group I-3 sleeping units.** In Group I-3 occupancies, at least ~~2~~ 3 percent, but not less than one, of the dwelling units and sleeping units shall be Accessible units.

**Reason:** The purpose is to coordinate with DOJ regulations which have increased the requirement in 2010 ADA. **DOJ Regulations 35.151 (k)(1)** New construction of jails, prisons, and other detention and correctional facilities shall comply with the 2010 Standards except that public entities shall provide accessible mobility features complying with section 807.2 of the 2010 Standards for a minimum of 3%, but no fewer than one, of the total number of cells in a facility. Cells with mobility features shall be provided in each classification level.

### *Proposed Code Change 23* *Platform lifts*

**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 *dwelling* or *sleeping 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~~
- 5.6. 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.
- ~~6.7.~~ An *accessible route* to load and unload areas serving amusement rides.
- ~~7.8.~~ An *accessible route* to play components or soft contained play structures.
- ~~8.9.~~ An *accessible route* to team or player seating areas serving areas of sport activity.
- ~~9.10.~~ An *accessible route* where existing exterior *site* constraints make use of a ramp or elevator infeasible.

**1007.5 Platform lifts.** Platform (wheelchair) lifts shall not serve as part of an *accessible means of egress*, except where allowed as part of a required *accessible route* in Section 1109.7, Items 1 through ~~8~~ 9. Standby

power shall be provided in accordance with Chapter 27 for platform lifts permitted to serve as part of a *means of egress*.

**Reason:** Section 1108.2.9 requires only 25% of the dining tiers in sports facilities to be on an accessible route. Therefore, there is no need for a platform lift to move between levels. The accessible level can be the entry level. The change to 1007.5 is coordination.

*Proposed Code Change 24*  
*Platform lifts*

**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.

~~1103.2.13~~ **1107.6.2.1 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*. 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.

**Reason:** This section is incorrectly located under general exceptions. Since a Live/work unit is a Group R-2, the provisions should be grouped with R-2 dwelling units. (DOJ regulations (b) **Commercial facilities located in private residences.**)

**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 and 1107.6.2.1.2.

**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. Bedrooms within monasteries and convents shall be counted as sleeping units for the purpose of determining the number 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.

**1107.6.2.1.2 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.

**1107.6.2.2 Other Group R-2 other than apartment houses, monasteries and convents.** In Group R-2 occupancies, other than apartment houses, monasteries and convents not falling within the purview of Section 1107.6.2.1 and 1107.6.2, Accessible units and Type B units shall be provided in accordance with Sections 1107.6.2.2.1 and 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.

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



**1107.6.2.2.2 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.

**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. Bedrooms within congregate living facilities shall be counted as sleeping units for the purpose of determining the number of units.

**1107.6.4.1 Accessible units.** At least one of the ~~dwelling or~~ sleeping units shall be an Accessible unit.

**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.

**Question:** Living units have been shifted to under Group R-2. That makes the title and scoping for 'other than apartments, monasteries and convents' inappropriate an more confusing than it already is (dorms, fraternities, sororities, hotels (non-transient), motels (non-transient)). Changing the scoping would help clarify.

2<sup>nd</sup> part is to try and address the new style of dormitory facilities that operate like dorms, but look like apartments. I have also had fraternities and sororities argue that they are a single dwelling unit for purposes of accessibility. The statement about congregate residences should help address how to count them. This probably should be extended to the 16 or fewer congregate residences permitted in Group R-3 and R-4. Definition of sleeping unit and dwelling unit unclear.

*Proposed Code Change 25*

## PERFORMANCE COMPLIANCE METHODS

**IBC 3412.2.5 (IEBC 1401.2.5) Accessibility requirements.** ~~All portions of the buildings proposed for change of occupancy shall conform to the accessibility provisions of Section 3411 (IEBC 410).~~ Accessibility shall be provided in accordance with Section 3411 (IEBC 410).

Question: *Should this address alterations and additions under compliance alternatives?*

*Proposed Code Change 26*

**IBC 1003.3 Protruding objects.** Protruding objects on circulations paths shall comply with the requirements of Sections 1003.3.1 through 1003.3.4.

**1003.3.3 Horizontal projections.** ~~Structural elements, fixtures or furnishings shall not project horizontally from either side more than 4 inches (102 mm) over any walking surface between the heights of 27 inches (686 mm) and 80 inches (2032 mm) above the walking surface.~~ Objects with leading edges more than 27

inches (685 mm) and not more than 80 inches (2030 mm) above the floor shall not project horizontally from either side more than 4 inches (100 mm) into the circulation path.

**Exception:** *Handrails* are permitted to protrude 4 1/2 inches (114 mm) from the wall.

Question: *Should we add 'walking surface' or 'circulation path' in this section to be applicable to all protruding objects in order to see where this applies (i.e., post mounted not applicable for signs not over walking surface)? (ADA 204.1)*  
Add to reason – check ADA wording

### *Proposed Code Change 27*

**IBC 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.

1. through 6. (no change)

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.~~

**1008.1.9.2 Hardware height.** Door handles, pulls, latches, locks and other operating devices shall be installed 34 inches (864 mm) minimum and 48 inches (1219 mm) maximum above the finished floor. Locks used only for security purposes and not used for normal operation are permitted at any height.

**Exception:** 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 above the finished floor or ground, provided the self-latching devices are not also selflocking devices operated by means of a key, electronic opener or integral combination lock.

Question: This is in ADA/ABA 404.2.7 Exception 2. This exception is not addressed in ICC A117.1.

This exception is consistent with ADA/ABA 404.2.7 Doors and Gates Hardware, Exp. 2. The exception is allowed as a safety concern with children and pool access.

*Should this also be proposed to ICC A117.1? Should the IBC exception be a reference to 1008.1.9.2 to avoid differences between the requirements over time?*

### *Proposed Code Change 28*

**IBC 1104.1 Site arrival points.** At least one Accessible routes 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.

**IBC 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 the public way.

Question: *Adding 'at least one' could clarify if every route vs. one route is to be accessible.*  
(ADA 206.2.1 and 206.2.4)

### *Proposed Code Change 29*

**IBC 3411.9.1 (IEBC 410.9.1) Site arrival points.** At least one *accessible* route from a site arrival point to an *accessible* entrance shall be provided.

**IEBC 1204.1.1 Site arrival points.** At least one ~~main entrance shall be accessible~~ route from a site arrival point to an accessible entrance shall be provided.

*Question: Historical exception located under historical building sections. IEBC 1205.15, change of occupancy in historic buildings, also references this section.*

*IEBC has 'site' in the title, but not in the text. IEBC 1204.1.3 says the same words for entrances. Suggest coordination with IBC. (ADA 106.2.1 Exception 1)*

*Proposed Code Change 30*

#### **1104.4 Multilevel buildings and facilities...**

##### **Exception:**

1.-4. (No change)

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.~~ permitted to comply with Section 1108.4.1.4.

**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.

*Question: Coordination with 1108.4.1.4 (ADA 206.2.4 Exception 1)*

*Proposed Code Change 31*

~~**IBC 3411.8.6 (IEBC 410.8.6) Performance areas.** Where it is *technically infeasible* to alter performance areas to be on an accessible route, at least one of each type of performance area shall be made accessible.~~

~~**IEBC 705.1.6 Performance areas.** Where it is *technically infeasible* to alter performance areas to be on an accessible route, at least one of each type of performance area shall be made accessible.~~

*Question: Existing performance areas not addressed in ADA/ABA (see ADA 206.2.6). The exception for performance area does not make a lot of sense because there are typically not multiple performance areas of the same type. If access to the stage or pit is technically infeasible, how would you do even one? Suggest deletion of IBC 3411.8.6 and IEBC 705.1.6*

*Proposed Code Change 32*

**IBC 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 points of entry at only one level, provided that the aggregate area of all press boxes is 500 square feet (46 m<sup>2</sup>) maximum.
2. An accessible route shall not be required to ~~free-standing~~ press boxes that are elevated above grade 12 feet (3660 mm) minimum provided that the aggregate area of all press boxes for each playing field is 500 square feet (46 m<sup>2</sup>) maximum.

*Question: ADA 206.2.7 - Two questions come up –*

- 1) Does free standing mean that you can't put storage or concessions under the press box? If you say yes, that makes a two story building which has a much larger exception.
- 2) Is the aggregate per playing field or entire facility with different playing fields?

Suggest deleting 'free-standing' so you can use the argument of specific overriding general requirements.

Suggest adding "aggregate of all press boxes for each playing field" to clarify.

Proposed Code Change 33

**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.~~

**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.

*Question: ADA 206.4.5 - Might consider splitting the IBC requirement between tenant spaces and dwelling/sleeping units. ADA/ABA only address self-service storage facilities. The IBC is more generic for other types of tenant spaces. I cannot think of other tenant space that would be applicable. Suggest revision to match ADA/ABA.*

Proposed Code Change 34

**1007.3 Stairways.** In order to be considered part of an *accessible means of egress*, a *stairway* between stories shall have a clear width of 48 inches (1219 mm) minimum between *handrails* and shall either incorporate an *area of refuge* within an enlarged floor-level landing or shall be accessed from either an *area of refuge* complying with Section 1007.6 or a *horizontal exit*. *Exit access stairways* that connect levels in the same story are not permitted as part an *accessible means of egress*.

**Exceptions:**

1. The clear width of 48 inches (1219 mm) between *handrails* is not required in buildings equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2.
2. *Areas of refuge* are not required at *stairways* in buildings equipped throughout by an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2.
3. The clear width of 48 inches (1219 mm) between *handrails* is not required for *stairways* accessed from a *horizontal exit*.
4. *Areas of refuge* are not required at *stairways* serving *open parking garages*.
5. *Areas of refuge* are not required for smoke protected seating areas complying with Section 1028.6.2.
6. ~~The *areas of refuge* are not required in Group R-2 occupancies.~~
7. *Areas of refuge* are not required at *stairways* serving *Group I-3 facilities*.

**1007.4 Elevators.** In order to be considered part of an *accessible means of egress*, an elevator shall comply with the emergency operation and signaling device requirements of Section 2.27 of ASME A17.1. Standby power shall be provided in accordance with Chapter 27 and Section 3003. The elevator shall be accessed from either an *area of refuge* complying with Section 1007.6 or a *horizontal exit*.

**Exceptions:**

1. Elevators are not required to be accessed from an *area of refuge* or *horizontal exit* in *open parking garages*.
2. Elevators are not required to be accessed from an *area of refuge* or *horizontal exit* in *Group I-3 facilities*.
3. ~~Elevators are not required to be accessed from an *area of refuge* or *horizontal exit* in buildings and facilities equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2.~~

- 4.3. Elevators not required to be located in a shaft in accordance with Section 712 are not required to be accessed from an *area of refuge* or *horizontal exit*.
- 5.4. Elevators are not required to be accessed from an *area of refuge* or *horizontal exit* for smoke protected seating areas complying with Section 1028.6.2.

Question: ADA 207.2 Exception 2 – add security concern

### Proposed Code Change 35

**1007.1 Accessible means of egress required.** *Accessible means of egress* shall comply with this section. *Accessible spaces* shall be provided with not less than one *accessible means of egress*. Where more than one *means of egress* are required by Section 1015.1 or 1021.1 from any *accessible space*, each *accessible* portion of the space shall be served by not less than two *accessible means of egress*.

**Exceptions:**

1. *Accessible means of egress* are not required to be provided in alterations to existing buildings.
2. One *accessible means of egress* is required from an *accessible mezzanine* level in accordance with Section 1007.3, 1007.4 or 1007.5.
3. In assembly areas with sloped or stepped *aisles*, one *accessible means of egress* is permitted where the common path of travel is *accessible* and meets the requirements in Section 1028.8.

**3411.6 (IEBC 410.6) Alterations.** A *facility* that is altered shall comply with the applicable provisions in Chapter 11 of this code, unless *technically infeasible*. Where compliance with this section is *technically infeasible*, the *alteration* shall provide access to the maximum extent technically feasible.

**Exceptions:**

1. The altered element or space is not required to be on an *accessible* route, unless required by Section 3411.7.
2. *Accessible means of egress* required by Chapter 10 are not required to be provided in existing facilities.
3. The *alteration* to Type A individually owned dwelling units within a Group R-2 occupancy shall be permitted to meet the provision for a *Type B dwelling unit*.
4. *Type B dwelling or sleeping units* required by Section 1107 of this code are not required to be provided in existing buildings and facilities undergoing a change of occupancy in conjunction with alterations where the work area is 50 percent or less of the aggregate area of the building.

**705.1 General.** A *facility* that is altered shall comply with the applicable provisions in Sections 705.1.1 through 705.1.14, and Chapter 11 of the *International Building Code* unless it is *technically infeasible*. Where compliance with this section is *technically infeasible*, the alteration shall provide access to the maximum extent that is technically feasible. A *facility* that is constructed or altered to be accessible shall be maintained accessible during occupancy.

**Exceptions:**

1. The altered element or space is not required to be on an accessible route unless required by Section 705.2.
2. *Accessible means of egress* required by Chapter 10 of the *International Building Code* are not required to be provided in existing facilities.
3. Type B dwelling or sleeping units required by Section 1107 of the *International Building Code* are not required to be provided in existing *facilities* undergoing less than a Level 3 *alteration*.
4. The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provisions for Type B dwelling units.

Question: Change 1007.1 for consistency. The same logic for not requiring accessible means of egress in alteration, change of occupancy or when the addition relies on the existing building for egress.

### Proposed Code Change 36

**IBC 1007.5 Platform lifts.** Platform (wheelchair) lifts shall ~~not be permitted to~~ serve as part of an accessible means of egress, ~~except~~ where allowed as part of a required accessible route in Section 1109.8, ~~Items 4 through 9~~ except for Item 10. Standby power for the platform lift shall be provided in accordance with Chapter 27 ~~for platform lifts permitted to serve as part of a means of egress.~~

Question – ADA 207.2 –1007.5 – current language has people thinking this is a typo instead of not allowing #10.

*Proposed Code Change 37*

**IBC 1007.5.1 Openness.** ~~Platform lifts on an accessible means of egress shall not be installed in a fully enclosed hoistway.~~

Question – ADA 207.2 –1007.5.1 - Question about the openness was if this meant to not allow for an inclined platform lift in a stairway enclosure?

*Proposed Code Change 38*

**IBC 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.

**IBC TABLE 1106.1  
ACCESSIBLE PARKING SPACES**

TOTAL PARKING SPACES PROVIDED <u>in parking facilities</u>	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
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Portions of table not shown remains unchanged.

Question – ADA Table 208.2 – add in title to match ADA and text.

*Proposed Code Change 39*

**IBC 1106.2 Groups R-2 and R-3.** Where parking is provided for Accessible and Type A units, at least one accessible space shall be provided for each unit. In addition, 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. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.

Question: This would require an accessible space for each Accessible and Type A unit, and 2% of the rest of the spaces. This should meet both ADA and FHA. Literally IBC is asking for 2% of the parking provided for the three types of accessible units. 2010 ADA requires 2% of parking for all units that are not Accessible or Type A only when there is more than one parking space per unit.

*Proposed Code Change 40*

**IBC 1106.2 Groups I-1, R-2 and R-3.** At least 2 percent, but not less than one, of each type of parking space provided for occupancies in Groups I-1, R-2 and R-3, which are required to have Accessible, Type A or Type B dwelling or sleeping units, shall be accessible. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.

Question: ADA 208.3.2 - Accessible units also provided in Group I-1 assisted living – which may include parking for residents.

*Proposed Code Change 41*

**IBC 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. 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 ICC 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 ICC A117.1;~~
  - 1.2. ~~The height requirements for the water closet in ICC 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 that are part of critical care or intensive care patient sleeping rooms are not required to be *accessible*.
6. 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 ICC A117.1.

Question: This exception would be consistent with Title I modifications for employee work areas and the exemptions under 2010 ADA 203.9 and IBC 1103.2.3. Permitted by ADA/ABA as follows:

For text in ADA/ABA

- a. - 603.2.3 Exp.1
- b. - 604.4 Exp 1
- c. - 604.5 Exp 1
- d. - 606.2 Exp 2

For text in ICC

- 1.1 - 603.2.2 Exp. 1
- 1.2 - 604.4 Exp
- 1.3 - 604.5 Exp 1
- 1.4 - 606.2 Exp. 2

Could delete from IBC since it is already in A117.1. Then it would be handled the same as ADA/ABA.

*Proposed Code Change 42*

**IBC 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 it shall not be the only accessible lavatory in the multi-compartment toilet room. 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.

Question – ADA 213.3.4 - A117.1 604.1 says that if you put the lavatory in the stall, it has to be treated as a toilet room, not a stall. 2010 ADA seems to imply that you could not put a second accessible lavatory in the accessible stall. *Perhaps the best fix would be to say that the only*

accessible lavatory in the toilet room could not be located within the accessible stall. IBC has the additional requirement of enhanced reach range for large bathrooms. See A117.1 Section 606.5 for technical requirements.

### Proposed Code Change 43

**IBC/IFC 907.5.2.3.1 Public and common areas.** Visible alarm notification appliances shall be provided in public use areas and common use areas.

Question: ADA 215.2 - Take a look at revising IBC to use defined terms for public use and common use. These terms are defined in IBC, but not used here.

### Proposed Code Change 44

**IBC E107.2 Designations.** Interior and exterior signs identifying permanent rooms and spaces shall be visual characters, raised characters and braille complying with ICC A117.1. Where pictograms are provided as designations of interior rooms and spaces, the pictograms shall have visual characters, raised characters and braille complying with ICC A117.1. text descriptors.

Question – ADA 216.2 - ADA/ABA requires these signs to be raised character, Braille and visual. IBC only requires raised character and Braille. Revise to pick up visual.

### Proposed Code Change 45

**IBC 1110.3 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.

**1007.8.2 Directions.** Directions for the use of the two-way communication system, instructions for summoning assistance via the two-way communication system and written identification of the location shall be posted adjacent to the two-way communication system. Signage shall comply with the ICC A117.1 requirements for visual characters.

**IBC 1007.9 Signage.** Signage indicating special accessibility provisions shall be provided as shown:

1. Each door providing access to an area of refuge from an adjacent floor area shall be identified by a sign stating: AREA OF REFUGE.
2. Each door providing access to an exterior area for assisted rescue shall be identified by a sign stating: EXTERIOR AREA FOR ASSISTED RESCUE.

Signage shall comply with the ICC A117.1 requirements for visual characters and include the International Symbol of Accessibility. Where exit sign illumination is required by Section 1011.3, the signs shall be illuminated. Additionally, visual characters and raised character and braille signage complying with ICC A117.1 shall be located at each door to an *area of refuge* and exterior area for assisted rescue in accordance with Section 1011.4.



**1007.11 Instructions.** In *areas of refuge* and exterior areas for assisted rescue, instructions on the use of the area under emergency conditions shall be posted. Signage shall comply with the ICC A117.1 requirements for visual characters. The instructions shall include all of the following:

1. Persons able to use the *exit stairway* do so as soon as possible, unless they are assisting others.
2. Information on planned availability of assistance in the use of *stairs* or supervised operation of elevators and how to summon such assistance.
3. Directions for use of the two-way communications system where provided.

**1011.4 Raised character and Braille exit signs.** A sign stating EXIT in visual characters and raised characters and Braille and complying with ICC A117.1 shall be provided adjacent to each door to an area of refuge, an exterior area for assisted rescue, an exit stairway, an exit ramp, an exit passageway and the exit discharge.

**1022.9 Stairway identification signs.** A sign shall be provided at each floor landing in an *interior exit stairway* and *ramp* connecting more than three stories designating the floor level, the terminus of the top and bottom of the *interior exit stairway* and *ramp* and the identification of the *stair* or *ramp*. The signage shall also state the story of, and the direction to, the *exit discharge* and the availability of roof access from the *interior exit stairway* and *ramp* for the fire department. The sign shall be located 5 feet (1524 mm) above the floor landing in a position that is readily visible when the doors are in the open and closed positions. In addition to the *stairway* identification sign, a floor level sign in visual characters and raised characters and braille complying with ICC A117.1 shall be located at each floor level landing adjacent to the door leading from the *interior exit stairway* and *ramp* into the *corridor* to identify the floor level.

Question: ADA 216.2, 216.4.1, and 216.10 -In addition to what is listed with the rest of this section, IBC includes additional signage for exterior areas of rescue assistance, two way communication and signage for information regarding exit stairway information for means of egress. Add requirement to meet visual requirements for 1110.3, Items 4 and 5. Referenced sections are not specific. 1022.9 does say raised character and Braille for floor level signs at the stair landings, but no requirements for other information. Add the sign for access for hearing loss to assisted listening systems.

#### *Proposed Code Change 46*

**IBC 1110.2 Directional signage.** Directional signage indicating the route to the nearest like accessible element shall be provided at the following locations. These directional 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 or 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.

**1007.10 Directional signage.** Direction signage indicating the location of the other *means of egress* and which are *accessible means of egress* shall be provided at the following:

1. At *exits* serving a required *accessible space* but not providing an *approved accessible means of egress*.
2. At elevator landings.
3. Within *areas of refuge*.

Question – 216.4.3 & 216.6 & 216.7 & 216.8 - Add visual requirement for directional signage

#### *Proposed Code Change 47*

**IBC 1110.1 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.
2. In Group I-1, R-2 and R-3 facilities, where parking spaces are assigned to specific dwelling units or sleeping units, identification of accessible parking spaces shall not be required.  
2.through 9. – no change

Question: ADA 216.5 Exception 2 – coordination with ADA with revision for IBC terms.

*Proposed Code Change 48*

**3411.8.11 (IEBC 410.8.11) Toilet rooms.** Where it is *technically infeasible* to alter existing toilet and bathing rooms to be *accessible*, an *accessible* family or assisted-use toilet or bathing room constructed in accordance with Section 1109.2.1 is permitted. The family or assisted-use toilet or bathing room shall be located on the same floor and in the same area as the existing toilet or bathing rooms. Directional signs indicating the location of the nearest family or assisted-use toilet room or bathing room shall be provided. These directional signs shall include the International Symbol of Accessibility and sign characters shall meet the visual character requirements in accordance with ICC A117.1

**IEBC 705.1.10 Toilet rooms.** Where it is *technically infeasible* to alter existing toilet and bathing rooms to be *accessible*, an *accessible* family or assisted-use toilet or bathing room constructed in accordance with Section 1109.2.1 of the International Building Code is permitted. The family or assisted-use toilet or bathing room shall be located on the same floor and in the same area as the existing toilet or bathing rooms. Directional signs indicating the location of the nearest family or assisted-use toilet room or bathing room shall be provided. These directional signs shall include the International Symbol of Accessibility and sign characters shall meet the visual character requirements in accordance with ICC A117.1

Question: ADA 216.8 – add directional signage requirements.

*Proposed Code Change 49*

**1108.2.7.1 Receivers.** Receivers shall be provided for assistive listening systems in accordance with Table 1108.2.7.1. Twenty-five percent minimum of receivers provided, but no fewer than two, shall be hearing-aid compatible.

**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

*Remainder of table unchanged*

Question - Hearing-aid compatible is in table, but not in text.

*Proposed Code Change 50*

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

Question – ADA 221.2 only lists assembly areas, not laundry list. If IBC is going to put in a list, why not include religious facilities?

*Proposed Code Change 51*

**IBC 3411.8.7 (IEBC 410.8.7) Accessible dwelling or sleeping units.** Where Group I-1, I-2, I-3, R-1, R-2 or R-4 *dwelling or sleeping units* are being altered or added, the requirements of Section 1107 for *Accessible* units apply only to the quantity of spaces being altered or added.

**IEBC 705.1.8 Accessible dwelling or sleeping units.** Where Group I-1, I-2, I-3, R-1, R-2 or R-4 dwelling or sleeping units are being altered, the requirements of Section 1107 of the *International Building Code* for Accessible units and ~~Chapter 9 of the International Building Code for visible alarms~~ apply only to the quantity of the spaces being altered.

**IEBC 806.3 Accessible dwelling units and sleeping units.** Where Group I-1, I-2, I-3, R-1, R-2 or R-4 dwelling or sleeping units are being added, the requirements of Section 1107 of the *International Building Code* for Accessible units and ~~Chapter 9 of the International Building Code for visible alarms~~ apply only to the quantity of spaces being added.

Question: ADA 223.1.1 & 224.1.1- Alarms are required to be altered only when the system is being altered. The language in IEBC should be deleted to be consistent with this revision previously made to IBC 3411.8.7.

*Proposed Code Change 52*

**1008.1.1 Size of doors.** The minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of 32 inches (813 mm). ...

**Exceptions:**

- 1.through 6. – no change
- 7. In other than Group R-1 occupancies, the minimum widths shall not apply to interior egress doors within a dwelling unit or sleeping unit that is not required to be an Accessible unit, Type A unit or Type B unit.
- 8. Door openings required to be accessible within Type B units shall have a minimum clear width of 31 ¾ inches (806 mm).
- 9. In Group R-1 dwelling units or sleeping units not required to be Accessible units, the minimum width will not apply to doors for showers or saunas.

Question: ADA 224.1.2 - IBC/IPC does not specify a width for sauna or shower doors at this time. Since these doors are literally means of egress, the door would have to meet a 32" clear width. The exception is consistent with ADA 224.1.2.

*Proposed Code Change 53*

**IBC TABLE 1107.6.1.1  
ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS**

TOTAL NUMBER OF UNITS PROVIDED	MINIMUM REQUIRED NUMBER OF ACCESSIBLE	MINIMUM REQUIRED NUMBER OF ACCESSIBLE	TOTAL NUMBER OF REQUIRED ACCESSIBLE UNITS
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	<b>UNITS WITHOUT ROLL-IN SHOWERS</b>	<b>UNITS WITH ROLL-IN SHOWERS</b>	
1 to 25	4	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

Question – ADA Table 224.2 and IBC Table 1107.6.1.1 are the same in numbers. ICC A117.1 now required roll-in showers to contain a seat so that they can serve as both a roll-in shower or a transfer shower. Therefore, the requirements in column 2 could be deleted and hotel rooms would still will meet or exceed ADA/ABA. The current table could be considered to not allow for a facility to provide for more than the minimum number of roll-in showers. Allows greater design flexibility.

*Proposed Code Change 54*

~~**IBC 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.~~

~~**IBC E104.2 Accessible beds.** In rooms or spaces having more than 25 beds, 5 percent of the beds shall have a clear floor space complying with ICC A117.1.~~

~~**IBC E104.2.1 Sleeping areas.** A clear floor space complying with ICC A117.1 shall be provided on both sides of the accessible bed. The clear floor space shall be positioned for parallel approach to the side of the bed.~~

~~**Exception:** This requirement shall not apply where a single clear floor space complying with ICC A117.1 positioned for parallel approach is provided between two beds.~~

**Question: ADA 224.3 - DOJ Regulations 35.151 (e) 36.406 (d) Social service center establishments.**

Group homes, halfway houses, shelters, or similar social service center ....

(1) In sleeping rooms with more than 25 beds covered by this section, a minimum of 5% of the beds shall have clear floor space complying with section 806.2.3 of the 2010 Standards.

IBC 1107.6.1.1.1 main text is already stated in IBC 1107.3. Suggest deletion.

Exception 1 is now addressed in ICC A117.1 1002.11. In a multi-bathroom unit, only one is required to be accessible. Suggest deletion.

Exception 2 is already addressed in IBC 1109.2 Exception 3. Suggest deletion.

Exception 3 would provide higher access in rooms with 25 beds or fewer, and the same for rooms with more than 25. Suggest changing language to address facilities such as hotel rooms, dormitories, army barracks, homeless shelters. Appendix E104.2 and 104.2.1 can be deleted since addressed in 1002.15.1 and 1002.15.2.

### *Proposed Code Change 55*

**IBC 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 determine 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.~~

Question – ADA 224.5 – Group R-1, IBC addresses multiple buildings on a site making up the whole hotel. DOJ regulations address units in multiple buildings. See DOJ regs **36.406 (c) Places of lodging.** Places of lodging subject to this part shall comply with the provisions of the 2010 Standards applicable to transient lodging, including, but not limited to, the requirements for transient lodging guest rooms in sections 224 and 806 of the 2010 Standards (pp. 82 and 210).

**(1) Guest rooms.** Guest rooms with mobility features in places of lodging subject to the transient lodging requirements of 2010 Standards shall be provided as follows—

- (i) Facilities that are subject to the same permit application on a common site that each have 50 or fewer guest rooms may be combined for the purposes of determining the required number of accessible rooms and type of accessible bathing facility in accordance with table 224.2 to section 224.2 of the 2010 Standards (pp 83).
- (ii) Facilities with more than 50 guest rooms shall be treated separately for the purposes of determining the required number of accessible rooms and type of accessible bathing facility in accordance with table 224.2 to section 224.2 of the 2010 Standards (p. 83).

### *Proposed Code Change 56*

**IBC 1109.12.2 Check-out aisles.** 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 selling space is under 5000 square feet (465 m<sup>2</sup>) no more than one accessible check-out aisle shall be required.

Question: ADA 227.2 - Consider combining IBC two sentences for clarity and to match ADA?  
Is the last sentence in IBC 1109.12.2 redundant as part of the accessible route? Possible deletion?

### *Proposed Code Change 57*

~~**IBC 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.~~

Question: ADA 229.1 – This list is a reference for Accessible units and Type A units. Windows are addressed in ICC A117.1 – not needed here.

The ADA/ABA reference is literally applicable to all uses, but has exceptions for residential. The employee exemption under ADA would exempt most windows exception in Accessible hotel rooms where operable windows are provided.

IBC 1109.13.1 references sections for Accessible and Type A units; and then requires one in each room. Coordinate with revised technical provisions for operable parts and windows ICC 1002.13 (Accessible) and ICC 1003.13 (Type A). Only windows required for emergency escape or natural ventilation within a unit are required to have any access.

Natural ventilation and emergency escape windows now have limited application. With the sprinkler requirements for Group I and R, IBC only requires emergency escape windows in single exit residential buildings and Group R-3 (no Accessible or Type A units required). See 1029.

*Proposed Code Change 58*

**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.

~~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.

~~1108.4.3.1~~ **1109.11.2.1 Cubicles and counters.** At least 5 percent but no fewer 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.

~~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.

~~**IBC E104.4 Partitions.** Solid partitions or security glazing that separates visitors from detainees in Group I-3 occupancies shall provide a method to facilitate voice communication. Such methods are permitted to include, but are not limited to, grilles, slats, talk-through baffles, intercoms or telephone handset devices. The method of communication shall be accessible to individuals who use wheelchairs and individuals who have difficulty bending or stooping. Hand-operable communication devices, if provided, shall comply with Section E106.3.~~

Question: ADA 213.4 and 232.5 and 232.5.2 - The current 1108.4.3 location is only applicable to courthouses. The text is repeated in 1109.11. For complete requirement – relocate and add partitions. E104.4 is redundant with 1109.11.2.2 and has advisory language from ADA 232.5.2.