



# Board of Building Standards

## SPECIAL CODE COMMITTEE MEETING AGENDA

DATE: MARCH 10, 2021  
TIME: 1:00 PM  
LOCATION: VIDEOCONFERENCE  
DIAL-IN # 1 614-721-2972  
CONFERENCE ID: 902 358 151#  
[Videoconference Link](#)

### Staff & Guest "Sign-in"

### Call to Order

### Old Business

[OB-1](#) 2021 IBC Chpt 11 & ICC/ANSI A117.1 Review

### New Business

NB-1 2021 IBC Review Chapters 7 - 10

### Adjourn

**File Attachments for Item:**

OB-1 2021 IBC Chpt 11 & ICC/ANSI A117.1 Review

## ICC/ANSI A117.1 COMPARISON BETWEEN THE 2009 AND 2017 EDITIONS

Element			Current 2009 A117.1 Requirement	A117.1-2017 Requirement	
				Existing Building	New Building
Building Blocks	1	Wheelchair Space	48"X30"	48"X30"	52"X30"
	2	Wheelchair Turning Space - circular	60" w/25" overlap	60" w/25" overlap	67" w/10" overlap
	3	Wheelchair Turning Space – T-shaped	60"X60" w/24"X12" cutouts	60"X60" w/24"X12" cutouts	3 options: 60"x64" 60"X68" with different sized cutouts
	4	Turning Space Overlap in T-shaped space	Not specifically diagrammed	Specific requirement	Specific requirement
	5	Operable parts		Added exceptions to general requirements	
Accessible Route	6	Accessible Route: 90 degree turns	36" to 36" corridor	36" to 36" corridor	4 options: 36"to38" w/8" chamfered inside corner; 36"to38"; 36"to36" w/28" inset inside corner; 38"to42"
	7	Accessible Route: 180 degree turns	2 options: 42"to48"to42" < 48"sep.or 36"to60"to36" > 48"sep.	2 options: 42"to48"to42" < 48"sep.or 36"to60"to36" > 48"sep.	3 options: 42" to 48" to 42" < 52"sep.; 36" to 60" to 36" < 52"sep.; 43"to 43" to 43" w > 52"sep.
	8	Passing space	36" corridors, comply w/T-shaped turn and arms extend 48"	36" corridors, comply w/T-shaped turn and arms extend 48"	36" corridors, comply w/T-shaped turn and arms extend 52" w/chamfered corners
	9	Maneuvering clearances at doors	Maneuvering clearance includes full opening width of door and cannot include knee or toe clearances	Maneuvering clearance includes full opening width of door and required latch-side or hinge-side clearances.	
	10	Maneuvering clearances at doorways w/o doors	Approach: front – 48", side42"	Approach: front – 48", side42"	Approach: front – 52", side42"
	11	Maneuvering clearances at recessed doorways	Pull-60", Push-48" w/conditions	Pull-60", Push-48" w/conditions	Pull-60", Push-52" w/conditions
	12	Two doors in a series	48" plus door swing providing 60" turning circle	48" plus door swing providing 60" turning circle	48" plus door swing providing; Diagrams use T-shaped turning
	13	Clear width of an accessible route	Reduced to 32"for24" spaced 48"	Reduced to 32"for24" spaced 48"	Reduced to 32"for24" spaced 52"
	14	Curb ramps		Greatly expanded: blended, perpendicular, parallel; grade break, cross slope, counter slope, clear space at bottom 48"X48"	
	15	Platform lifts	36"X48"	36"X48"; 36"X60"	36"X52"; 42"X60"
General Site & Building	16	Parking spaces		Wide sidewalk and narrow sidewalk parallel, angled parking, parking meter, electric vehicle charging station requirements	
	17	Passenger loading zone access aisle	Loading zone area to be marked 60"wide	Loading zone area to be marked 60"wide	Loading zone area to be marked 67"wide
	18	Windows	-	One operable window operating force requirements	
	19	Accessible routes through parking	-	Routes through parking facility must be physically separated from vehicular traffic except at drive aisle crossing	
Plumbing	20	Drinking fountains		Added requirements for children fountain height, water flow	
	21	Bottle filling stations	-	Requirements for clear floor space, controls	
	22	Toilet stalls		Added alternate compartments; toe clearances increased to 12"X8"	
	23	Grab bars in roll-in shower compartments		Detailed plan and elevation dimensions for grab bars	

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Element			Current 2009 A117.1 Requirement	A117.1-2017 Requirement	
				Existing Building	New Building
Comm. Elements	24	Signs	-	Nonglare finish and character contrast requirements added	
	25	Visual relay service booth	-	Requirements for seating, privacy, lighting, finish color	
	26	Detectable warning surfaces		Greatly expanded requirements; accompany changes to curb ramps, islands, rail crossings	
Special Rooms & Spaces	27	Assembly wheelchair space	48"or60"depth	48"or60"depth	52"or60"depth
	28	Assembly wheelchair space overlap	-	New dimensioned diagrams	
	29	Companion seating seat alignment	12"/36"	New diagrams 12"/36"	New diagrams 12"/4"/36" 12"/12"/36" <b>(NOTE: NOT SURE TEXT AGREES)</b>
	30	Horizontal dispersion	Dispersed to provide viewing options	Dispersed, but for stage or field, includes entire seating area	
	31	Sign language interpreter station	-	Requirements for area, location, illumination, backdrop	
	32	Transportation facilities	60"X96"boarding/alighting area	60"X96"boarding/alighting area	60"X100"boarding/alighting area
	33	Enhanced acoustics for classrooms	-	Sound requirements for classrooms < 20,000ft <sup>2</sup> perform. and prescript. methods for reverberation time; ambient sound limits	
Furnishings & Equipment	34	Sales and service counters and windows		Added diagrams and requirements for parallel and forward approach counters	
	35	Charging stations	-	New requirements for clear floor space and height and reach ranges	
	36	Gaming machines and tables	-	New requirements for clear floor space for transfer or wheelchair use	
Recreational Facilities*	37	Golf facilities		New requirements for teeing grounds, putting greens, practice greens, teeing stations, teeing stations at driving ranges, and weather shelters	
	38	Miniature golf club reach range area	36"X48" within 36"	36"X48" within 36"	36"X52" within 36"
	39	Play area accessible routes		New exceptions to accessible route requirements	
	40	Pool/hot tub/spa clear deck space	36"X48" forward 12"	36"X48" forward 12"	36"X52" forward 12"
Dwelling Units & Sleeping Units*	41	Bed height	At least one with open frame	At least one 17"-23" above floor to top of mattress	
	42	Wheelchair charging station	-	Clear floor area required for bed also serves as charging area	
	43	Type B unit accessible route		New exceptions to clear width requirements added	
	44	Type B ramps, elevators, platform lifts		New exceptions to requirements added	
	45	Type B refrigerator approach	Centerline of clear floor space offset 24" from centerline of appliance	Centerline of clear floor space offset 24" from centerline of appliance for forward and 15" for parallel	

\*The Chapters addressing Recreational Facilities (formerly Chapter 11) and Dwelling Units & Sleeping Units (formerly Chapter 10) traded places in the 2017 edition of the standard and the chapters, consequently, were entirely renumbered. Recreational Facilities are now addressed in Chapter 10 and Dwelling Units & Sleeping Units are now dealt with in Chapter 11 of the 2017 edition of the standard.