

City of Benicia

Clock Tower

1189 Washington, Benicia, CA 94510

1/27/2013

Code	Topic	Description	Current Status	Priority	Comments
EXTERIOR ROUTES OF TRAVEL					
1127B.1	General	Accessible paths of travel must provide access to all entrances, exterior ground floor exits, public transportation, accessible parking spaces, passenger loading zones and public streets or sidewalks on the site, as well as each building or facility located on the site. The accessible route of travel shall be the most practical direct route between accessible building entrances, accessible site facilities and the accessible entrance to the site.			Photo 2-4 Building is accessible to public from 1 ground floor entry with direct accessible POT from parking lot. 1 Rear entry with loading dock is available for contractor and city staff use. This entry is not accessible due to elevated dock, door hardware. 2 upper level emergency exits are available for non-mobility impaired users.
1127B.3	Signs	The International Symbol of Accessibility should be displayed at every primary public entrance, at any point the accessible route diverges from regular circulation, and any accessible route leading to an accessible path of travel, entrance or facility. Signs shall indicate the direction to accessible building entrances and facilities.	3	D	Photo 5. One sign is posted at interior entry directing non-compliant lift to public upstairs area.
1127B.5	CURB RAMPS	Curb ramps shall be constructed at each corner of street intersections and where a pedestrian way crosses a curb. They should not project into traffic lanes and are recommended to be located in the center of the crosswalk.	N/A		Site is not on a path of travel which accommodates foot traffic on main road access. Ramps to front entry and at interior vestibule provide access to building from parking lot. See RAMP section below
	Width	Minimum 4' width, in a single sloped plane, with a minimum of surface warping and cross slope.	N/A		
	Slope	Maximum 1:12 (8.33%) slope. Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt change. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20 (5%) within 4' of the top and bottom of the curb ramp. The slope of the fanned or flared sides of curb ramps shall not exceed 1:10 (10%)	1		

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	Level Landing	A level landing 4' deep shall be provided at the upper end of each curb ramp over its full width to permit safe egress from the ramp surface, or the slope of the fanned or flared sides of the curb ramp shall not exceed 1:12 units horizontal (8.33%).	N/A		
	Finish	The surface of each curb ramp and its flared sides shall be of contrasting finish from that of the adjacent sidewalk.	N/A		
	Border	All curb ramps shall have a 12" wide grooved border at the level surface of the sidewalk along the top and each side approximately 3/4" on center. All curb ramps constructed between the face of the curb and the street shall have a grooved border at the level surface of the sidewalk.	N/A		
	Detectable Warnings	Requires a visually contrasting detectable warning that extends the full width and depth of the curb ramp, excluding the flared sides, inside the grooved border. Detectable warnings shall consist of raised truncated domes with a diameter of nominal 0.9" at the base tapering to 0.45" at the top, a height of nominal 0.2" and a center-to-center spacing of nominal 2.35".	N/A		

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	Obstructions	Curb ramps shall be located or protected to prevent their obstruction by parked vehicles.	N/A		
	Diagonal Curb Ramps	If diagonal (or corner-type) curb ramps have returned curbs or other well-defined edges, such edges shall be parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have 48" minimum clear space. If diagonal curb ramps are provided at marked crossings, the 48" clear space shall be within the markings. If diagonal curb ramps have flared sides, they shall also have at least a 24" long segment of straight curb located on each side of the curb ramp and within the marked crossing.	N/A		
		Notes:	N/A		
		If distance from curb to back of sidewalk is too short to accommodate ramp and a 4' platform, the side walk may be depressed longitudinally or may be widened.	N/A		
		If sidewalk is less than 5' wide, the full width of the sidewalk shall be depressed.	N/A		
		When ramp is located in center of curb return, crosswalk configuration must be similar to that shown on the plan to accommodate wheelchairs.	N/A		
		If planting area width is equal to or greater than ramp length, ramp side slope distance equals 3'.	N/A		
		If located on a curve, the sides of the ramp need not be parallel, but the minimum width of the ramp shall be 4'	N/A		
		The ramp shall have a 12" border with 1/4" grooves approximately 3/4" on center.	N/A		
ACCESSIBLE PARKING REQUIRED					
1129B.1	General	Each lot or parking structure where parking is provided for the public shall provide accessible parking as required by this section. They should be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located closest to the accessible entrances.	3	C	11 Photo 2. H/C spaces are on the perimeter of the parking lot and not closest to the entrance
	Table 11B-6	Total Spaces : Accessible Spaces			
	Required Spaces	1-25 : 1			

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Code	Topic	Description	Current Status	Priority	Comments
		26-50 : 2			
		51-75 : 3			
		76-100: 4	1		82 total parking spaces + 4 H/C
		101-150: 5			
		151-200 : 6			
1129B.3	Size	Single spaces: 14' wide, lined to provide 9' parking area, 5' loading/unloading aisle on passenger side. Multiple spaces: Can provide 23' wide area (9' on each side of a 5' loading/unloading aisle)	1		11
		The loading and unloading access aisle shall be marked by a border painted blue. Within the blue border, hatched lines a maximum of 36" on center shall be painted a color contrasting with the parking surface, preferably blue or	3	D	26 Loading aisles have white hatch, but not blue border
		Parking access aisles shall be part of an accessible route of travel to the building or facility entrance.	1		
		Parked vehicle overhangs shall not reduce the clear width of an accessible route.	N/A		
		The minimum length of each parking space shall be 18'	1		14
		The words NO PARKING shall be painted on the ground within each five' loading and unloading access aisle. This notice shall be painted in white letters no less than 12" high and located so that it is visible to traffic enforcement	3	D	
Verify	Van Spaces	One in eight, but not less than one space shall be designated van accessible.	3	D	Van space not marked as such
		Van spaces must be served by loading/unloading access aisle 96" wide on the passenger side	1		12
		The access aisle must be outlined with a blue border, with color contrasting hatched lines and labeled as NO PARKING.	1		25
	Arrangement	In each space a bumper or curb must be provided to prevent encroachment of vehicles into walkways.	1		17 Photo 2
		Spaces must be located so persons with disabilities are not required to wheel or walk behind parked cars other than their own.	3	B	Due to curb bumpers close proximity to rear curb, those parking in H/C spaces must travel behind parked cars in other H/C spaces and those parked parallel across traffic lane except the one closest to the building.

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		Accessible routes must be provided from accessible spaces to related facilities. Ramps must not encroach into any accessible parking space or adjacent aisle.	1		
		EXCEPTIONS:			
		Where compliance would create an unreasonable hardship.			
	Slope	Slope of space and access aisle shall be the minimum possible. Maximum 1:50 (2%) in any direction.	1		13
1129B.4 verify	Identification of parking spaces for off-street parking facilities	Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of the International Symbol of Accessibility in white on dark blue background.	1		
	Sign dimensions	No smaller than 70" square in area. Posted at minimum height of 80" from bottom of sign. Must include "Minimum Fine \$250"	1		
	Van Spaces	Van accessible spaces must have additional information designating the space as "Van Accessible"	3	D	No signage indicating van accessibility
	Warning Sign	An additional sign must be posted at each entrance to the parking facility or adjacent to each space detailing penalties for parking in designated spots without proper placards or license plates. No smaller than 17" x 22" with 1" high lettering.	3	D	
	Surface Identification	The surface of each space or stall must have one of the following surface identifications:			
		1. Outline or paint the space in blue, and outline in white the profile of a wheelchair with occupant.			
		2. Outline a profile of a wheelchair with occupant in white on a blue background. Must be visible to traffic enforcement when a vehicle is parked in the space. Must be 36" x 36"	1		
PASSENGER DROP-OFF AND LOADING ZONES					
1131B.1	Location	When provided, passenger drop-off and loading zones shall be located on an accessible route of travel.	N/A		
1131B.2	Passenger Loading Zones				
	General	Where provided, one passenger drop-off and loading zone shall provide an access aisle at least 60" wide and 20' long adjacent and parallel to the vehicle pull-up space.	N/A		

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		Vehicle standing spaces and access aisles shall be level with surface slopes not exceeding 1:50 (2% slope) in all directions. If there are curbs between the access aisle and the vehicle pull-up space, a curb ramp shall be provided. Each passenger drop-off and loading zone designed for persons with disabilities shall be identified by a reflectorized sign, complying with 1117B.5.1 Items 2 and 3, permanently posted immediately adjacent to and visible from the passenger drop-off or loading zone stating "Passenger Loading Zone Only" and including the International Symbol of Accessibility, in white on dark blue background.	N/A		
	Vertical Clearance	Provide minimum vertical clearance of 114" at accessible passenger loading zones and along at least one vehicle access route to such areas from site entrances and exits.	N/A		
GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL					
1133B.1	BUILDING ACCESSIBILITY				
1133B.1.1	Entrances				
1133b.1.1.1	Entrances and Exterior Ground Floor Exit Doors	All entrances and exterior ground-floor exit doors to buildings and facilities shall be on an accessible route and made accessible to persons with disabilities. Entrances shall be connected by an accessible route to all accessible spaces or elements within the building or facility. Doorways shall have a minimum clear opening of 32" with the door open 90 degrees, measured between the face of the door and the opposite stop. Openings more than 24" in depth shall comply with Section 1118B.	1		11 photo 3 Front entry has only one accessible ground floor entry/exit.
		Exceptions:			
		1. Exterior ground-floor exits serving smoke-proof enclosures, stairwells and exit doors servicing stairs only need not be made accessible.			
		2. Exits in excess of those required by Chapter 10, and which are more than 24" above grade are not required to be accessible. Such doors shall have signs warning that they are not accessible. Warning signs shall comply with Section 1117B.5.1 Item 2.			

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		3. In existing buildings where the enforcing agency determines that compliance with the building standards of this section would create an unreasonable hardship, an exception shall be granted when equivalent facilitation is provided. Equivalent facilitation would require at least one entrance to be accessible to and usable by persons with disabilities.			
		4. These building standards shall not apply to existing buildings when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 109.1.5, Special Conditions for Persons with Disabilities Requiring Appeals Action Ratification.			
1133B.1.1.1.2	Temporary Restrictions	During periods of partial or restricted use of a building or facility, the entrances used for primary access shall be accessible to and usable by persons with disabilities.	1		
1133B.1.1.1.3	Recessed Doormats	Doormats must be adequately anchored.	1		93
1133B.1.1.1.4	Gates	All gates must meet applicable door specifications.	3	B	Photos 9-11 Gate provides access to freight/H/C lift used to transport users to 2nd floor. Lift cannot be used without assistance from authorized staff.
1133B.1.1.1.5	Service Entrances	A service entrance can not be the sole accessible entrance unless it is the only entrance to the building.	1		
1133B.2	DOORS				
1133B.2.2	Width and Height	Exit doors must be at least 3' wide and 6'8" in height.	1		83
		Exit doors must open at least 90 degrees and create an exit way with a clear width of at least 32".	1		77
		Exception: Doors not requiring full user passage, such as shallow closets, may have the clear opening reduced to 20" minimum.	1		
1133B.2.3.1	Pairs of Doors	When there is a pair of doors, at least one of the doors must provide a clear 32" minimum opening.	1		77

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1133B.2.3.2	Automatic/Power-Assisted Doors	Slowly opening, low-powered, automatic doors shall not open to back check faster than 3 seconds and shall require no more than 15 lbf to stop door movement. If a power-assisted door is used, its door-opening force shall not exceed 5 lbf. When an automatic door operator is utilized to operate a pair of doors, at least one of the doors shall provide a clear, unobstructed opening width of 32".	N/A		88,89
		Exceptions:			
		1. The provisions of this section shall not apply to existing buildings, except when otherwise required under conditions applicable to access for persons with disabilities.			
		2. In existing buildings, the provisions of this section shall not apply when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship.			
1133B.2.3.3	Revolving Doors	Revolving doors can not be a required entrance for persons with disabilities.	N/A		
1133B.2.3.4	Turnstiles, rails and pedestrian controls	Where turnstiles and crowd control barriers are utilized in a facility for the purpose of providing fully controlled access, a door or gate that is accessible to persons with disabilities shall be provided adjacent to each turnstile exit or entrance.	N/A		91
		Where posts, rails or other pedestrian controls are utilized to create crowd control aisles or lanes, a minimum of one lane shall be accessible with 32" of clear opening.	N/A		
		Exception: In existing buildings, this section shall not apply when physical constraints or equivalent facilitation will not allow compliance with these building standards without creating an unreasonable hardship. See Section 109.1.5.			
1133B.2.4	Floor Level At Doors	Regardless of the occupant load, there shall be a floor or landing on each side of a door.	1		
1133B.2.4.1	Thresholds	Landing can not be more than 1/2" lower than the threshold of the doorway. Level changes between 1/4"-1/2" require a beveled slope no greater than 1:2 (50%). Level changes more than 1/2" require a ramp.	1		85

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1133B.2.4.2	Maneuvering Clearances at Doors	Minimum maneuvering clearances at doors shall be as shown in Figure 11B-26A and 11B-26B. The floor or ground area within the required clearances shall be level and clear.	3	B	Exterior door entry is not level. Ramp leading to front entry ranges from 7%-11%
1133B.2.4.2		The level area shall have a length in the direction of door swing of at least 60" and the length opposite the direction of door swing of 48" as measured at right angles to the plane of the door in its closed position.	3	B	78, 80 Less than 60" level area at exterior to front door
1133B.2.4.2		Exception: The length opposite the direction of door swing shall be a minimum of 44" where the door has no closer and approach to the door by a person in a wheelchair can be made from the latch side, or if the door has neither latch nor closer and approach can be made from the hinge side. See Figure 11B-26A and 11B-26B.			
1133B.2.4.2		The width of the level area on the side to which the door swings shall extend 24" past the strike edge of the door for exterior doors and 18" past the strike edge for interior doors.	1		78, 80 Photo 1 Doors are constructed of heavy steel and are not operated by building users. Staff opens and closes building.
		24" is preferred for strike-side clearance.	1		
1133B.2.4.4		The space between two consecutive door openings in a vestibule, serving other than a required exit stairway shall provide a minimum of 48" of clear space from any door opening into such vestibule when the door is positioned at an angle of 90 degrees from its closed position. Doors in a series shall swing either in the same direction or away from the space between the doors.	N/A		87
1133B.2.4.5		Where a door required to be accessible is located in a recess or alcove where the distance from the face of the wall to the face of the door is greater than 8", a strike side clearance is required. 24" is the preferred strike side clearance.	N/A		
1133B.2.5	Door Opening Force	Fire doors: Max force is 15 lbf.	3	A	90 Photo 27. 2nd flr emergency exit crash bars require 23 lbf or to open.
		Interior doors other than fire doors: max force is 5 lbf.	1		90

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		Exterior doors other than fire doors: max force is 5 lbf.			
		1. Exterior doors to machinery spaces	N/A		
		2. When, at a single location, one of every 8 exterior door leafs, or fraction of 8, is a powered door, other exterior doors at the same location, serving the same interior space, may have a maximum opening force of 8.5 lbf (37.8 N). The powered leaf(s) shall be located closest to the accessible route.	N/A		
		Powered doors serving a building or facility with an occupancy of 150 or more shall be provided with a back-up battery or back-up generator. The back-up power source shall be able to cycle the door a minimum of 100 cycles.	N/A		
		Powered doors shall be controlled on both the interior and exterior sides of the doors by sensing devices, push plates, vertical actuation bars or other similar operating devices.	N/A		
		At each location where push plates are provided there shall be two push plates; the centerline of one push plate shall be 7" minimum and 8" maximum above the floor or ground surface and the centerline of the second push plate shall be 30" minimum and 44" maximum above the floor or ground surface. Each push plate shall be a minimum of 4" diameter or a minimum of 4" by 4" square and shall display the International Symbol of Accessibility.	N/A		
		At each location where vertical actuation bars are provided the operable portion shall be located so the bottom is 5" maximum above the floor or ground surface and the top is 35" minimum above the floor or ground surface. The operable portion of each vertical actuation bar shall be a minimum of 2" wide and shall display the International Symbol of Accessibility.	N/A		

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		Where push plates, vertical actuation bars or other similar operating devices are provided, they shall be placed in a conspicuous location. A level and clear floor or ground space for forward or parallel approach shall be provided, centered on the operating device. Doors shall not swing into the required clear floor or ground space.	N/A		
		Signage identifying the accessible entrance shall be placed on, or immediately adjacent to, each powered door.	N/A		
		Where a powered door is provided in buildings or facilities containing assembly occupancies of 300 or more, a sign displaying the International Symbol of Accessibility measuring 6" by 6" shall be provided above the door on both the interior and exterior sides of each powered door.	N/A		
1133B.2.5.1	Door Closer	If the door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3" from the latch, measured to the leading edge of the door.	N/A		88
1133B.2.5.2	Hardware	Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Hardware shall be centered between 30" and 44" above the floor. Latching and locking doors that are hand-activated and which are in a path of travel shall be operable with a single effort by lever-type hardware, panic bars, push-pull activating bars or other hardware designed to provide passage. Locked exit doors shall operate as above in egress direction.	1		84 Photo 10 . Gate on lift has handle which requires grasping.
1133B.2.5.3	Recessed Doors	Where the plane of the doorway is offset 8" or more from any obstruction within 18" measured laterally on the latch side, the door shall be provided with maneuvering clearance for front approach.	1		

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1133B.2.6	Smooth Surface	The bottom 10" of all doors except automatic and sliding shall have a smooth, uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10" high smooth panel shall be installed on the push side of the door, which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.	1		86. Photo There are no kick plates on kitchen doors, but surface is smooth with no entrapments. Doors swing freely with little force required.
1133B.3	CORRIDORS, HALLWAYS AND EXTERIOR EXIT BALCONIES				
1133B.3.1	Corridor and Hallway Widths	If occupant load >10, minimum width is 44". If occupant load <10, minimum width is 36".	1		98-100
		Exceptions:			
		1. In existing buildings, when the enforcing agency determines that compliance with any building standard under this section would create an unreasonable hardship, an exception to such building standard shall be granted when equivalent facilitation is provided.			
		2. In existing buildings, the provisions of this section shall not apply when legal or physical constraints will not allow compliance with these building standards or equivalent facilitation without creating an unreasonable hardship. See Section 109.1.5.			
1133B.4	STAIRWAYS				148 photos 5-7, 14, 17 5 riser concrete steps on west side of building lead to 2 flights of wooden stairs leading to 2nd floor exit. East side of bldg has wooden stairs leading from 2nd floor exit.
1133B.4.1	HANDRAILS				
1133B.4.1.1		Stairways must have continuous handrails on each side.	3	B	Photo 6, 7, 14 Round pipe rails on right hand side (facing entry) not continuous around landing
1133B.4.2.1		Top of handrail mounted between 34"-38" above nosing.	3	B	160 exterior stair rail is 41" above tread.

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1133B.4.2.2		Handrails must extend at least 12" beyond top nosing and 12" plus the tread width beyond the bottom nosing. Top extension must be parallel to ground surface. Bottom extension must slope for one tread width and the remainder must be horizontal.	3	C	161, 162 photo 6 left hand side rail on interior stairs extends 10"
1133B.4.2.3		Ends must be returned smoothly to the floor, wall or post.	1		
1133B.4.2.4		The orientation of at least one handrail shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing, and shall not reduce the minimum required width of the stairs.	1		
1133B.4.2.5		There must be 1-1/2" between the wall and any handrail projecting from a wall.	3	C	Photo 17 the space between the hand and perimeter rail is 1.25"
		Handrails may be located in a recess if the recess is a maximum of 3" deep and extends at least 18" above the top of the rail. Handrails shall not rotate in their fittings.	3	B	Note: Safety Hazard. Handrails on interior stairs are loose at base and 1st 2 joints up to the staircase on right side
1133B.4.2.6	Handgrips	Handgrips must be 1-1/4" to 1-1/2" in cross-sectional nominal dimension or the shape must create equivalent gripping surface.	3	B	Round pipe type rails installed inside 2x4" wooden rails on exterior stairs. At upper landing, rail is 2x4 lumber which cannot be gripped. Interior stairs have rails of small diameter pipe
		Handgrips shall be smooth with no sharp corners, be uninterrupted by any posts or obstructions. Adjacent surfaces, such as walls, should be free of sharp or abrasive elements. Edges should have a minimum radius of 1/8".	3	B	Photo 17. See comments under 1133B.2.6 above.
		Exceptions:			
		1. In existing buildings when the enforcing agency determines that compliance with any requirement under this section would create an unreasonable hardship, an exception to the requirement for persons with disabilities may be granted when equivalent facilitation is provided.			

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		2. These regulations shall not apply in existing buildings where legal or physical constraints will not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship.			
1133B.4.3	Tactile floor designation signs in stairways	Tactile floor designation signs shall be located at each floor level landing in all enclosed stairways in buildings two or more stories in height to identify the floor level. At exit discharge level, the sign shall include a raised five pointed star located to the left of the identifying floor level. The outside diameter of the star shall be the same as the height of the raised characters.	N/A		
1133B.4.4	Striping for the Visually Impaired	Interior stairs shall have the upper approach and lower tread marked by a visually contrasting stripe. All treads on exterior stairs shall be marked.	3	C	154 stripes do not extend the full width of the interior stair tread.
		Stripes should be 2"-4" wide and placed no more than 1" from the nose of the step. Stripes must be the same width of the step and be at least as slip resistant as the other treads.			
1133B.4.5	Treads, Risers, and Nosing	Treads must be at least 11" deep. Riser heights must be 4"-7". All steps in a flight of stairs must have uniform riser height and tread widths.	3	C	150, Interior stairs are 10.5" on bottom half of staircase; top half risers=11.5"
1133B.4.5.1	Treads	All treads must be slip resistant and have smooth, rounded or beveled exposed edges.	1		151
1133B.4.5.2	Risers	Risers must be solid and vertical or sloped no more than 30 degrees . Open risers are not permitted.	1		
1133B.4.5.3	Nosing	The radius of curvature at the leading edge (nosing) of the tread shall be no greater than ½". Beveling of nosings shall not exceed ½". Nosing shall not project more than 1-1/4" past the face of the riser below. Nosings that project beyond risers shall have the underside of the leading edge beveled at an angle not more than 30 degrees from the vertical. The transition from the nosing to the riser shall be free of abrupt edges. All projections shall be of uniform size, including nosings at landings.	1		
		Exceptions:			

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		1. In existing buildings there is no requirement to retroactively alter existing nosing projections of 1-1/2" which were constructed in compliance with the building code in effect at the time of original construction.			
		2. In existing buildings, when the enforcing agency determines that compliance with any requirement under this section would create an unreasonable hardship, an exception to persons with disabilities requirements may be granted when equivalent facilitation is provided.			
		3. These regulations shall not apply to existing buildings when legal or physical constraints will not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. See Section 109.1.5.			
1133B.5	RAMPS				
1133B.5.1	General	Any accessible route of travel shall be considered a ramp if its slope is greater than 1:20 (5%).			Photos 3.4
1133B.5.2	Width	Ramps shall have a minimum clear width of 48", unless required to be wider by some other provision of this code. Ramps serving entrances to buildings where the ramp is the only exit discharge path and serves an occupant load of 300 or more shall have a minimum clear width of 60".	1		slope of ramp to entry ranges from 7% to 11% . Short ramp interior is 5.4%
1133B.5.3	Slope	The least possible slope shall be used for any ramp. Maximum slope is 1:12 (8.33%). Maximum rise for any single is 30".	1		38
1133B.5.3.1	Cross Slope	The cross slope of ramp surfaces shall be no greater than 1:50 (2% slope).	1		38
1133B.5.4	LANDINGS				
1133B.5.4.1	Location of Landings	Level ramp landings shall be provided at the top and bottom of each ramp. Intermediate landings shall be provided at intervals not exceeding 30" of vertical rise and at each change of direction. Landings are not considered in determining the maximum horizontal distance of each ramp. Landings shall be level.	3	B	42 Landing at top of exterior ramp to entry is not level
1133B.5.4.2	Size of Landings	Top landings shall be not less than 60" wide and must be at least 60" in the direction of ramp run. Landings at the bottom of ramps shall have a dimension in the direction of ramp run of not less than 72".	1		39

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1133B.5.4.3	Encroachment of Doors	Encroachment of doors. Doors in any position shall not reduce the minimum dimension of the landing to less than 42" and shall not reduce the required width by more than 3" when fully open.	1		
1133B.5.4.4	Strike Edge Extension	The width of the landing shall extend 24" past the strike edge of any door or gate for exterior ramps and 18" past the strike edge for interior ramps.	1		47
1133B.5.4.5	Landing Width	At bottom and intermediate landings, the width shall be at least the same as required for the ramps.	1		
1133B.5.4.6	Change of Direction	Intermediate and bottom landings at a change of direction in excess of 30 degrees shall have a dimension in the direction of ramp run of not less than 72" to accommodate the handrail extension.	N/A		
1133B.5.4.7	Other Intermediate Landings	Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60".	N/A		
1133B.5.4.8	Existing Ramps	For existing ramps or ramps not covered by Section 1133B.5.4.1, landings shall be provided as set forth in Section 1133B.5.4.1 (See Above).			
1133B.5.4.9	Hazards	Required ramps shall have a curb at least 2" high, or a wheel guide rail 2"-4" high on each side of the ramp landing that has a vertical drop exceeding 4" and that is not bounded by a wall or fence.	N/A		
1133B.5.5	Handrails For Ramps				
1133B.5.5.1		Handrails are required on ramps if the slope exceeds 1:20 (5%). Handrails are not required at exterior door landings if the ramp's rise is less than 6" or its length is less than 72".	N/A		
		Handrails must be placed on both sides of the ramp and be continuous for the full length of the ramp.	N/A		
		The top of the handrails must be mounted 34"-38" above the ramp surface.	N/A		
		Handrails must extend at least 12" beyond the top and bottom of the ramp and must be parallel to the floor or ground surface.	N/A		
		Ends of handrails must be rounded or returned smoothly to the floor, wall or post.	N/A		
		Handrails must have 1-1/2" between the wall and rail.	N/A		

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		Handrails may be located in a recess if the recess is a maximum of 3" deep and extends at least 18" above the top of the rail. Handrails shall not rotate in their fittings.	N/A		
		Handgrips must be 1-1/4" to 1-1/2" in cross-sectional nominal dimension or the shape must create equivalent gripping surface.	N/A		
		Handgrips shall be smooth with no sharp corners, be uninterrupted by any posts or obstructions. Adjacent surfaces, such as walls, should be free of sharp or abrasive elements. Edges should have a minimum radius of 1/8".	N/A		
		Exceptions:			
		1. Handrails at ramps immediately adjacent to fixed seating in assembly areas are not required.			
		2. Curb ramps do not require handrails.			
1133B.5.5.1.1	Ramp Handrails	In existing buildings or facilities, where the extension of the handrail in the direction of the ramp run would create a hazard, the extension on the handrail may be turned 90 degrees to the run of the ramp.	N/A		
1133B.5.6	Wheel Guides	Wheel guides are necessary when the ramp is not bounded by a wall in accordance with either 1133B.5.6.1 or 1133B.5.6.2 (See Below)	N/A		
1133B.5.6.1		A guide curb a minimum of 2" in height shall be provided at each side of the ramp	N/A		
1133B.5.6.2		A wheel guide rail shall be provided, centered 3" plus or minus 1" above the surface of the ramp.	N/A		
1133B.5.7	Guards	Ramps more than 30" above the adjacent ground shall be provided with guards. Such guards shall be continuous from the top of the ramp to the bottom of the ramp.	N/A		
1133B.5.8	Outdoor Ramps	Outdoor ramps must be designed so that water will not accumulate.	1		
1133B.6	AISLES				
1133B.6.1	General	Every portion of every building in which are installed seats, tables, merchandise, equipment or similar materials shall be provided with aisles leading to an exit.	N/A		No permanently installed furniture
1133B.6.2	Width	Every aisle shall not be less than 36" wide if serving only one side, and not less than 44" wide if serving both sides.	N/A		

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1133B.7	WALKS AND SIDEWALKS				
1133B.7.1	Continuous Surface	Must be continuous without level changes exceeding 1/2". Must be at least 48" wide. If a walk has less than 60" clear width, passing spaces must be provided in reasonable intervals.	1		
		Exception: When, because of right-of-way restrictions, natural barriers or other existing conditions, the enforcing agency determines that compliance with the 48" clear sidewalk width would create an unreasonable hardship, the clear width may be reduced to 36".			
1133B.7.1.1	Slip Resistance	Surfaces with a slope of less than 6% shall be at least as slip-resistant as that described as a medium salted finish.	1		
1133B.7.1.2		Surfaces with a slope of 6% shall be slip-resistant.	1		
1133B.7.1.3	Cross Slope	Cross slope maximum of 1:50 (2%)	1		
1133B.7.2	Gratings	Walks, sidewalks and pedestrian ways shall be free of gratings whenever possible. For gratings located in the surface of any of these areas, grid openings in gratings shall be limited to 1/2" in the direction of traffic flow.	N/A		
1133B.7.3	5% Gradient	When the slope in the direction of travel of any walk exceeds 1:20 (5%), it shall comply with the provisions of Section 1133B.5. (Ramps)			
1133B.7.4	Changes in Level	Changes in level shall comply with Section 1124B.2 (See Below).			
1133B.7.5	Level Areas	Walks shall be provided with a level area not less than 60"x60" at a door or gate that swings toward the walk, and not less than 48" wide by 44" deep at a door or gate that swings away from the walk. Such walks shall extend 24" to the side of the strike edge of a door or gate that swings	1		
1133B.7.6	Walks With Continuous Gradients	All walks with continuous gradients shall have level areas at least 5' in length at intervals of 400' maximum.	N/A		
1133B.8	HAZARDS				
1133B.8.1	Warning Curbs				

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Code	Topic	Description	Current Status	Priority	Comments
1133B.8.2	Overhang Obstructions	Any obstruction that overhangs a pedestrian's way shall be a minimum of 80" above the walking surface as measured from the bottom of the obstruction. Where a guy support is used parallel to a path of travel, including, but not limited to sidewalks, a guy brace, sidewalk guy or similar device shall be used to prevent an overhanging obstruction as defined.	N/A		
1133B.8.6	PROTRUDING OBJECTS	Objects projecting from walls with their leading edges between 27" and 80" above the finished floor shall protrude no more than 4" into walks, halls, corridors, passageways or aisles. Objects mounted with their leading edges at or below 27" above the finished floor may protrude any amount. Free-standing objects mounted on posts or pylons may overhang 12" maximum from 27" to 80" above the ground or finished floor. Protruding objects shall not reduce the clear width of an accessible route or maneuvering space.	1		
1133B.8.6.2	Head Room	Walks, halls, corridors, passageways, aisles or other circulation spaces shall have 80" minimum clear head room. If vertical clearance of an area adjoining an accessible route is reduced to less than 80", a barrier to warn blind or visually-impaired persons shall be provided.			
1133B.8.6.3	Free-Standing Signs	Wherever signs mounted on posts or pylons protrude from the posts or pylons and the bottom edge of the sign is at less than 80" above the finished floor or ground level, the edges of such signs shall be rounded or eased and the corners shall have a minimum radius of 0.125".	1		
1124B	GROUND AND FLOOR SURFACES				
1124B.1	General	Ground and floor surfaces along accessible routes and in accessible rooms and spaces, including floors, walks, ramps, stairs and curb ramps, shall be stable, firm, and slip resistant.	1		

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1124B.2	Changes in Level	Changes in level up to 1/4" may be vertical and without edge treatment. Changes in level between 1/4" and 1/2" shall be beveled with a slope no greater than 1:2 (50% slope). Changes in level greater than 1/2" shall be accomplished by means of a curb ramp, ramp, elevator or platform lift.	1		
1124B.3	Carpet	If carpet or carpet tile is used on a ground or floor surface, then it shall be securely attached; have a firm cushion, pad or backing or no cushion or pad; and have a level loop, textured loop; level-cut pile or level-cut/uncut pile texture. The maximum pile height shall be 1/2". Exposed edges of carpet shall be fastened to floor surfaces and have trim along the entire length of the exposed edge.	N/A		
1124B.4	Gratings	If gratings are located in walking surfaces, then they shall have spaces no greater than 1/2" wide in one direction. If gratings have elongated openings, then they shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	N/A		
*Current Status					
1=compliant					
2=Compliant with Accommodation or assistance					
3=Noncompliant					
**Priority					
A=substantial barrier to accessibility preventing physical access.					
B= Alternate Routes and service available-less than optimal					
C= Slight deviations from required dimensions					
D=Markings incorrect or misplaced					