

Community Development Department

Building & Safety

Handicap Code

Sanitary Facilities

Where toilet facilities are provided on any floor where access by the physically handicapped is required by Table #33-A, at least one such facility for each sex shall comply with the requirement of this section. Except in dwelling units and guest rooms, such facilities must be available to all occupants. All doorways leading to such toilet rooms shall have a clear and unobstructed width of not less than 30 inches. Each such toilet room shall have the following:

1. **Toilet Rooms:** Except in dwelling units and guest rooms, a clear space within the toilet room of sufficient size to inscribe a circle with a diameter not less than 60 inches. Doors in any position may encroach into this space by not more than 12 inches. Single accommodation toilet facilities shall have sufficient space in the toilet room for a wheelchair measuring 30 inches wide by 48 inches long to enter the room and permit the door to close. The water closet shall be located in a space that provides a 28 inch wide clear space from a fixture or a 32 inch wide clear space from a wall at one side and 48 inches of clear space in front of water closet
2. **Water Closet Compartments:** Multiple accommodation toilet facilities shall have the following:
 - A. Water closet compartments shall be equipped with a door that has an automatic closing device, and shall have a clear unobstructed opening width of 32 inches when located at the end and 34 inches when located at the side with the door positioned at an angle of 90 degrees from its closed position. Except for door opening widths and door swings, a clear unobstructed access not less than 44 inches shall be provided to water closet compartments designed for use by the handicapped and the space immediately in front of a water closet compartment shall be not less than 48 inches as measured at right angles to compartment door in its closed position.
 - B. A water closet fixture located in a compartment shall provide a 28 inch wide clear space from a fixture or a 32 inch wide clear space from a wall at one side of the water closet and a 48 inch long clear space in front of the water closet if the compartment has an end opening door (facing the water closet.) A 60 inch minimum length clear space shall be provided in a compartment with the door located at the side.
 1. Grab Bars located on one side and the back of the physically handicapped toilet stall or compartment shall be securely attached 33 inches above and parallel to the floor. Grab bars at the side shall be at least 42 inches long with the front and positioned 24 inches in front of the water closet stool and grab bars at the back shall not be less than 36 inches long.
 2. The diameter or width of the gripping surfaces of a grab bar shall be 1 1/4 inch to 1 1/2 inch or the shape shall provide an equivalent gripping surface. If grab bars are mounted adjacent to a wall, the space between the wall and the grab bars shall be 1 1/2 inches.
3. **Urinals:** Where urinals are provided, at least one shall have a clear floor space 30 inches by 48 inches in front of the urinal to allow forward approach.
 - A. **High Forward Reach:** If the clear floor space only allows forward approach to an object the maximum high forward reach allowed shall be 48 inches.
 - B. **Side Reach:** If the clear floor space allows parallel approach by a person in a wheelchair, the maximum high side reach allowed shall be 54 inches and the low side reach shall be no less than 9 inches above the floor.
4. **Showers:** Compartment showers shall conform to the following requirements: Compartments shall be 42 inches in width between wall surfaces and 48 inches in depth with an entrance opening width of 36 inches.
 - A. When a threshold or recessed drop is used, it shall be a maximum of 1/2 inch in height and shall be beveled or sloped at an angle not exceeding 45 degrees from the horizontal.

- B. The shower floor shall slope toward the rear to a drain located within 6 inches of rear wall. Maximum slope of floor shall be 1/2 inch per foot in any direction. The floor surfaces shall be of carborundum or grit faced tile or of material providing equivalent slip-resistance.
 - C. Shower accessories shall include: A folding seat on the wall opposite controls and mounted 18 inches above bathroom floor. Soap dish shall be located on the control wall at a maximum height of 50 inches above shower floor. A flexible shower spray hose of at least 60 inches in length shall be provided.
 - D. Grab bars shall be located on walls adjacent to and opposite the seat. "L" shaped shower grab bars shall be not less than 24 inches by 36 inches in length positioned on the wall of the shower. The 36 inches side shall extend on the having the shower head and controls. Grab bars shall be located 33 inches above the shower floor.
 - E. Doors and panels of shower and bathtub enclosures shall be substantially constructed from approved shatter-resistant materials. Hinged shower doors shall open outward.
5. **Toilet Room Fixtures and Accessories:** The requirements of this section shall apply to lavatory fixtures, vanities, built-in lavatories and toilet room accessories.
- A. A clear floor space 30 inches by 48 inches shall be provided in front of a lavatory to allow forward approach. Such clear floor space shall adjoin or overlap an accessible route and shall extend into knee and toe space underneath the lavatory.
 - B. Drain pipes and hot water pipes under a lavatory shall be covered or insulated so that wheelchair individuals are not burned.
 - C. Except for projection of the bowl and waste piping, a clear space 29 inches high by 12 inches high by 12 inches deep shall be provided under one lavatory.
 - D. Mirrors shall be mounted with bottom edge no higher than 40 inches from the floor.
 - E. Where towel, sanitary napkins, waste receptacles and other similar dispensing and disposal fixtures are provided, at least one of each type shall be located with all operable parts, including coin slots, within 40 inches of the floor.
 - F. Toilet tissue dispenser shall be located on the wall or partition (whichever is closest to water closet) within 12 inches of the front edge of the toilet seat.

General

6. **Water Fountains (Drinking):** Where water fountains are provided, they shall be located completely within alcoves, or otherwise positioned so as not to encroach into pedestrian ways. Water fountains shall conform to the following requirements.
- A. The alcove in which the water fountain is located shall be not less than 32 inches in width and 18 inches in depth.
 - B. Water fountains shall have a clear height of 27 inches under fountain for knee space. The height from the floor to the orifice shall be 38 inches maximum.
7. **Telephones:** A clear ground space at least 30 inches by 48 inches that allows either a forward or parallel approach by a person using a wheelchair shall be provided at telephones.
- A. **Mounting Heights:** The highest operable part of the telephone shall be within the reach ranges specified in sections 3A and 3B. Telephones mounted diagonally in a corner that require wheelchair users to reach diagonally shall have the highest operable part no higher than 54 inches above the floor.
 - B. **Enclosures:** If telephone enclosures are provided, they may overhang the clear floor space listed above within the following limits:
 - 1. **Side Reach Possible:** The overhang shall be no greater than 19 inches. The height of the lowest overhanging parts shall be equal to or greater than 27 inches.
 - 2. **Forward Reach Required:** If the overhang is greater than 12 inches then the clear width of the enclosure shall be 30 inches minimum. If the clear width of the enclosure is less than 30 inches then the height of the lowest overhanging part shall be equal to or greater than 27 inches.
8. **Signs & Identification:** The International Symbol of Accessibility shall be the standard used to identify facilities that are accessible to and usable by physically handicapped persons. On doorways leading to men's sanitary facilities, an equilateral

triangle 1/4 inch thick with edges 12 inches long and a vertex pointing upward and on women's sanitary facilities a circle 1/4 inch thick and 12 inches in diameter. These geometric symbols shall be centered on the door at a height of 60 inches and their color contrast shall be distinctly different than the color of the door.

9. **Ramps:** Any path of travel shall be considered a ramp if its slope is greater than 1 foot rise in 20 feet of horizontal run. The maximum slope of a ramp shall be 1 foot rise in 12 feet of horizontal run.
 - A. Pedestrian ramps serving primary entrances to buildings having an occupant of 300 or more shall have a minimum clear width of 60 inches. Ramps serving Group R Occupancies may be 36 inches clear width when the occupant load is 50 or less. All pedestrian ramps shall have a minimum width of 48 inches.
 - B. Landings shall be provided at the top and bottom of each ramp. Intermediate landings shall be provided at intervals not exceeding 30 inches of vertical rise and at each change of direction. Landings are not considered in determining the maximum horizontal distance of each ramp. The dimension of a top landing, measured in the direction of the ramp run, shall be not less than 60 inches of width along the edge with the opening and shall extend not less than 24 inches to the side of the strike edge of the door or gate at exterior ramps and not less than 18 inches at interior ramps. The width out from the edge of opening shall be the door plus 47 42 inches. Intermediate landings shall have a dimension in length of the run of the ramp of not less than 60 inches. Bottom landings and landings at a change of direction in excess of 30 degrees shall have a dimension of not less than 72 inches as measured in the direction of the ramp.
10. **Thresholds:** Interior and exterior thresholds shall be no higher than 1/2 inch above the adjacent floor levels. Each exposed edge of thresholds shall be beveled or sloped at an angle not exceeding 45 degrees from the horizontal so that no single vertical change of elevation exceeds 1/4 inch.