



DISCLAIMER

THIS DIAGRAM IS INTENDED ONLY AS A GUIDE. BRUCE J. SPIEWAK DOES NOT WARRANT THAT THIS DIAGRAM WILL ENSURE CODE COMPLIANCE IN ANY SPECIFIC INSTALLATION

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ICC/ANSI A117.1 - 2003
COMMERCIAL ACCESSIBLE
RESTROOM

DRAWN BY: C BARAN

DRAWING: SK - 5.1
SCALE: NOT TO SCALE

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SECTION 604.2 LOCATION: The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches minimum to 18 inches maximum from the side wall or partition. Water closets located in ambulatory accessible compartments specified in Section 604.9 shall have the centerline of the water closet 17 inches minimum to 19 inches maximum from the side wall or partition.

SECTION 604.4 HEIGHT: The height of water closet seats shall be 17 inches minimum and 19 inches maximum above the floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

EXCEPTION: A water closet in a toilet room for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply with Section 604.4.

SECTION 604.5.1 FIXED SIDE WALL GRAB BARS: Fixed sidewall grab bars shall be 42 inches minimum in length, located 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall. In addition, a vertical grab bar 18 inches minimum in length shall be mounted with the bottom of the bar located between 39 inches and 41 inches above the floor, and with the center line of the bar located between 39 inches and 41 inches from the rear wall.

SECTION 604.5.2 REAR WALL GRAB BARS: The rear wall grab bar shall be 36 inches minimum in length, and extend from the centerline of the water closet 12 inches minimum on the side closest to the wall, and 24 inches minimum on the transfer side.

SECTION 604.6 FLUSH CONTROLS: Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 309. Flush controls shall be located on the open side of the water closet.

EXCEPTION: In ambulatory accessible compartments complying with Section 604.9, flush controls shall be permitted to be located on either side of the water closet.

SECTION 604.7 DISPENSERS: Toilet paper dispensers shall comply with Section 309.4 and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches maximum above the floor, and shall not be located behind the grab bars. Dispensers shall not be of a type that control delivery, or do not allow continuous paper flow.

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SECTION 609.3 SPACING: The space between the wall and the grab bar shall be 1-1/2 inches. The space between the grab bar and the projecting objects below and at the ends of the grab bar shall be 1-1/2 inches minimum. The space between the grab bar and projecting objects above the grab bar shall be 12 inches minimum.

EXCEPTIONS:

1. Swing-up grab bars shall not be required to comply with Section 609.3.

SECTION 609.4 POSITION OF GRAB BARS: Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the floor measured to the top of the gripping surface. At water closets primarily for children's use complying with Section 604.10, grab bars shall be installed in a horizontal position 18 inches minimum to 27 inches maximum above the floor measured to the top of the gripping surface.

EXCEPTIONS:

1. Vertical grab bars required by Sections 604.5.1.

2005 CONNECTICUT STATE BUILDING CODE

SECTION 1109.2.3 SINGLE OCCUPANCY TOILET: Required accessible toilet rooms designed for single occupancy in other than Group R shall meet the requirements of ICC/ANSI A117.1-2003. Each such room shall contain both toilet and lavatory, shall have a lever handle privacy lockset and shall have an emergency call system that actuates a visible and audible alarm in a normally occupied area. An alarm pull switch shall be provided within 3 feet of the water closet with a pull cord extending within 12 inches of the floor. Emergency instructions shall be provided at the occupied location.

SECTION 1109.2.4 ADDITIONAL GRAB BAR: In addition to grab bars required by ICC/ANSI A117.1-2003, a separate, additional swing grab bar shall be provided at a minimum of one accessible toilet location for each gender per floor within any nonexempt building. Such additional grab bar shall be located the same distance from the water closet centerline to the side grab bar, parallel to, opposite from and at the same height as the side grab bar. The additional grab bar shall be floor mounted or wall mounted, and shall fix or latch firmly in place when in use. The mounting height of the required rear bar may be varied to coordinate with the swing grab bar. The swing grab bar shall be not less than 24 inches nor more than 36 inches in length, and shall be capable of swinging and storing against a wall or partition when not required.

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