



DISCLAIMER

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ICC/ANSI A117.1 - 2009
 COMMERCIAL ACCESSIBLE
 RESTROOM

DRAWN BY: C BARAN

DRAWING: SK - 5.1
 SCALE: **NOT TO SCALE**
 JUNE 26, 2018

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 (405 mm) minimum and 18 inches (455 mm) maximum from the side wall or partition. Water closets located in ambulatory accessible compartments specified in Section 604.10 shall have the centerline of the water closet 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition.

SECTION 604.4 HEIGHT: The height of water closet seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the floor, measured to the top of the 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 side-wall grab bars shall be 42 inches (1065 mm) minimum in length, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches- (1370 mm) minimum from the rear wall. In addition, a vertical grab bar 18 inches (455 mm) minimum in length shall be mounted with the bottom of the bar located 39 inches (990 mm) minimum and 41 inches (1040 mm) maximum above the floor, and with the center line of the bar located 39 inches (990 mm) minimum and 41 inches (1040 mm) maximum from the rear wall.

SECTION 604.5.2 REAR WALL GRAB BARS: The rear wall grab bar shall be 36 inches (915 mm) minimum in length, and extend from the centerline of the water closet 12 inches (305 mm) minimum on the side closest to the wall, and 24 inches (610 mm) minimum on the transfer side.

EXCEPTION: The rear grab bar shall be permitted to be 24 inches (610 mm) minimum in length, centered on the water closet, where wall space does not permit a grab bar 36 inches (915 mm) minimum in length due to the location of a recessed fixture adjacent to the water closet.

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.

SECTION 604.7 DISPENSERS: Toilet paper dispensers shall comply with Section 309.4. Where the dispenser is located above the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum end 36 inches (915 mm) maximum from the rear wall. Where the dispenser is located below the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 42 inches (1065 mm) maximum from the rear wall. The outlet of the dispenser shall be located 18 inches (455 mm) minimum and 48 inches (1220 mm) maximum above the floor. Dispensers shall comply with Section 609.3. Dispensers shall not be of a type that control delivery, or do not allow continuous paper flow.

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SECTION 609 GRAB BARS

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 (305 mm) minimum.

EXCEPTIONS:

1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2 inches (38 mm) minimum.
2. Recessed dispensers projecting from the wall 1/4 inch (6.4 mm) maximum measured from the face of the dispenser and complying with Section 604.7 shall be permitted within the 12-inch (305 mm) space above and the 1 1/2 inch (38 mm) spaces below and at the ends of the grab bar.

SECTION 609.4 POSITION OF GRAB BARS.

SECTION 609.4.1 GENERAL. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the floor measured to the top of the gripping surface or shall be installed as required by Items 1 through 3.

1. The lower grab bar on the back wall of a bathtub shall comply with Section 607.4.1.1 or 607.4.2.1.
2. Vertical grab bars shall comply with Sections 604.5.1, 607.4.1.2.2, 607.4.2.2, and 608.3.1.2
3. Grab bars at water closets primarily for children's use shall comply with Section 609.4.2.

2016 CONNECTICUT STATE BUILDING CODE

SECTION 1109.2.2.1 PULL HANDLE. Where accessible water closet compartments or single occupancy toilet rooms are provided, the compartment or room doors shall have a pull handle mounted 6 inches from the hinge side on the compartment or room side of the door. This handle shall be between 26 inches and 36 inches from the floor and shall meet the requirements of Section 404.2.6 of ICC/ANSI A117.1.

EXCEPTIONS:

- 1.) Compartments or rooms with self-closing, self-latching doors.
- 2.) Doors that swing into the compartment or room.

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. 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, identified with emergency instruction, shall be provided within 3 feet of the water closet with a pull cord extending to within 12 inches of the floor. Emergency instructions shall be provided outside the toilet room at the normally occupied location.

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SECTION 1109.2.4 FAUCETS AND CONTROLS. The controls to operate a faucet shall be located no more than 25 inches from the front face of a lavatory, kitchen sink, counter or vanity. At least one lavatory per gender per toilet room shall have its faucet and soap dispenser control located within 13 inches or, if automatic, shall be activated within a reach depth of 13 inches from the face of the fixture or vanity front. Water and soap flow shall be provided with a reach depth of 13 inches maximum. Lavatory faucets on accessible fixtures shall comply with the requirements of ICC/ANSI A117.1.

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