Section 604: Water Closets and Toilet Compartments

604.1 General: Accessibility water closets and toilet compartments shall comply with Section 604.

604.2 Location: The water closet shall be positioned 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, except that the water closet shall be centered in the ambulatory accessible compartment specified in Section 604.8.2.

604.3 Clearance

604.3.1 Size: Clearance around the water closet shall be 60 inches minimum, measured perpendicular from the side wall, and 56 inches minimum, measured perpendicular from the rear wall. No other fixtures or obstructions shall be within the water closet clearance.

604.3.2 Overlap: The clearance around the water closet shall be permitted to overlap the fixture, associated grab bars, tissue dispensers, accessible routes, and clear floor or ground space, or clearances at other fixtures and the wheelchair turning space.

604.4 Height: The top of water closet seats shall be 17 inches minimum and 19 inches maximum above the floor or ground. Seats shall not return automatically to a lifted position.

Drawings are for illustrative purposes only. Do not scale or submit as plans for permit.
Section 604: Water Closets and Toilet Compartments (continued)

604.5 Grab bars: Grab bars for water closets shall comply with Section 609. Grab bars shall be provided on the rear wall and on the side wall closest to the water closet.

604.5.1 Side wall: Side wall grab bar shall be 42 inches long minimum, 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall.

604.5.2 Rear wall: The rear wall grab bar shall be 24 inches long minimum, centered on the water closet. Where space permits, the bar shall be 36 inches long minimum, with the additional length provided on the transfer side of the water closet.

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404.4 Additional grab bar: In addition to grab bars required by ICC/ANSI A117.1, formerly entitled CABO/ANSI A117.1, referenced in Chapter 14, a separate, additional swing grab bar shall be provided at a minimum of one accessible toilet location for each gender per floor within any non-exempt building. Such additional grab bar shall be located the same distance from the water closet center line 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.

Exception: Areas in Use Groups E, R-2, R-3 and I-3 not serving public and administrative functions.

Drawings are for illustrative purposes only. Do not scale or submit as plans for permit.
Section 604: Water Closets and Toilet Compartments (continued)

**Flush controls:** Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 309.

**ICC/ANSI A117.1 - 1998**

*604.7 Dispenser:* 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. The outlet of the dispenser shall be 15 inches minimum and 48 inches maximum above the floor or ground. There shall be a clearance of 1 1/2 inches minimum below and 12 inches above the grab bar. Dispensers shall not be of a type that control delivery, or that do not allow continuous paper flow.

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Section 604: Water Closets and Toilet Compartments (continued)

604.8 Toilet compartments: Accessible toilet compartments shall comply with Sections 604.8.1 through 604.8.5. Compartments containing more than one plumbing fixture shall comply with Section 603. Water closets in accessible toilet compartments shall comply with Sections 604.1 through 604.7.

604.8.1 Wheelchair accessible compartments

604.8.1.1 Size: Wheelchair accessible compartments shall be 60 inches wide minimum measured perpendicular to the side wall, and 56 inches deep minimum for wall hung water closets and 59 inches deep minimum for floor mounted water closets, measured perpendicular to the rear wall.

604.8.1.2 Doors: Compartment doors shall not swing into the minimum required compartment area.

604.8.1.3 Approach: Compartment arrangements shall be permitted for left-hand or right-hand approach to the water closet.

Drawings are for illustrative purposes only. Do not scale or submit as plans for permit.
Section 604: Water Closets and Toilet Compartments (continued)


604.8.1.4 Toe clearance: In wheelchair accessible compartments, the front partition and at least one side partition shall provide toe clearance complying with Section 306.2 and extending 6 inches deep beyond the compartment-side face of the partition, exclusive of partition support members. Toe clearance at the front of the partition is not required in a compartment greater than 62 inches deep with a wall-hung water closet or 65 inches deep with a floor-mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches wide.

Fig. 604.8.1.4
Toilet Compartment Toe Clearance


604.8.2 Ambulatory accessible compartments: Ambulatory accessible compartments shall be 60 inches deep minimum and 36 inches wide. Compartment doors shall not swing into the minimum required compartment area.

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Section 604: Water Closets and Toilet Compartments (continued)


604.8.3 Doors: Toilet compartment doors shall comply with Section 404, except that if the approach is to the latch side of the compartment door, the clearance between the door side of the compartment and any obstruction shall be 42 inches minimum. The door shall be hinged 4 inches maximum from the adjacent wall or partition farthest from the water closet. The door shall be self-closing. A door pull complying with Section 404.2.7 shall be placed on both sides of the door near the latch.

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404.6 Pull handle: Where accessible water closet compartments are provided, the compartment doors shall have a pull handle 6 inches from the hinge side of the compartment side of the door. This handle shall be between 26 inches and 36 inches from the floor and shall meet the requirements of Section 404.2.7 of ICC/ANSI A117.1, formerly entitled CABO/ANSI A117.1, referenced in Chapter 14.


604.8.4 Grab bars: Grab bars shall comply with Section 609.

604.8.4.1 Wheelchair accessible compartments: A side-wall grab bar complying with Section 604.5.1 shall be provided on the wall closest to the water closet, and a rear-wall grab bar complying with Section 604.5.2 shall be provided.

604.8.4.2 Ambulatory accessible compartments: A side-wall grab bar complying with Section 604.5.1 shall be provided on both sides of the compartment.


604.8.5 Coat hooks and shelves: Coat hooks provided within toilet compartments shall be 48 inches maximum above the floor or ground. Where provided, a fold-down shelf shall be 40 inches minimum and 48 inches maximum above the floor or ground.

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Accessible Rest Room Code Requirements
Chapter 11 - Accessibility
Connecticut State Building Code 1999

Lavatory and Water Closet Clear Floor Space Diagram

The diagram below does not pertain to toilet compartments.

ALL USE GROUPS EXCEPT USE GROUP “R”

NOTE:
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404.5 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 bathroom shall have its faucet and control located within 13 inches from the face of the fixture or vanity front. Lavatory faucets on accessible fixtures shall comply with the requirements of ICC/ANSI A117.1, formerly entitled CABO/ANSI A117.1, referenced in Chapter 14.

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