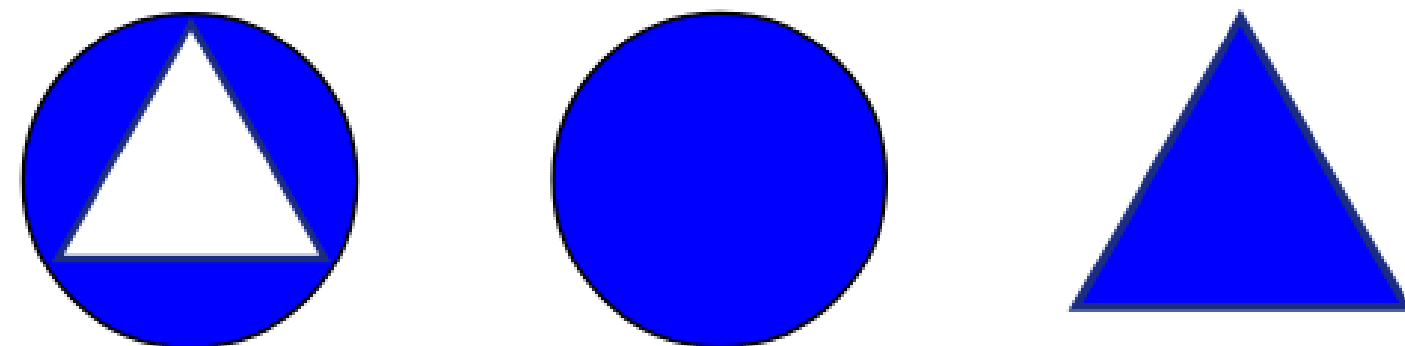


**C. Geometric Restroom Door Symbols**

- Geometric Symbols** [CBC 11B-216.8.1]. Except for private and semi-private rooms or spaces for inmate toilet room and bathing room facilities, geometric symbols at toilet and bathing facilities complying with CBC 11B-703.7.2.6 shall be provided.
- Location** [CBC 11B-703.7.2.6]. Geometric symbols shall be between 58-inches minimum to 60-inches maximum AFF as measured to the centerline of the geometric symbol and where a door is provided at the entry, within 1-inch of the vertical centerline of the door.
- General Requirements for Geometric Symbols.** Geometric symbols shall contrast with the backgrounds, light-against-dark and dark-against-light. Each layer of the geometric symbol shall be 1/4-inch thick. Edges shall be eased or rounded a minimum of 1/16-inch or chamfered at 1/8-inch maximum and where provided, vertices shall be rounded with a minimum radius of 1/8-inch and a maximum radius of 1/4-inch.
- Single-User (Unisex) Restroom and Bathing Facilities** [CBC 11B-703.7.2.6.3]. Single-user restroom/bathing facilities shall be identified by an equilateral triangle superimposed on a 12-inch diameter circle. The vertices of the triangle shall be located 1/4-inch maximum from the edge of the circle and as vertex shall be pointed upward along the vertical centerline of the symbol.
- Men's Toilet and Bathing Facilities** [CBC 11B-11B703.2.6.1]. Multi-user men's toilet and bathing facilities shall be identified by an equilateral triangle with an upward pointing vertex and with edges that are 12-inches long.
- Women's Toilet and Bathing Facilities** [CBC 11B-11B703.2.6.2]. Multi-user women's toilet and bathing facilities shall be identified by a 12-inch diameter circle.

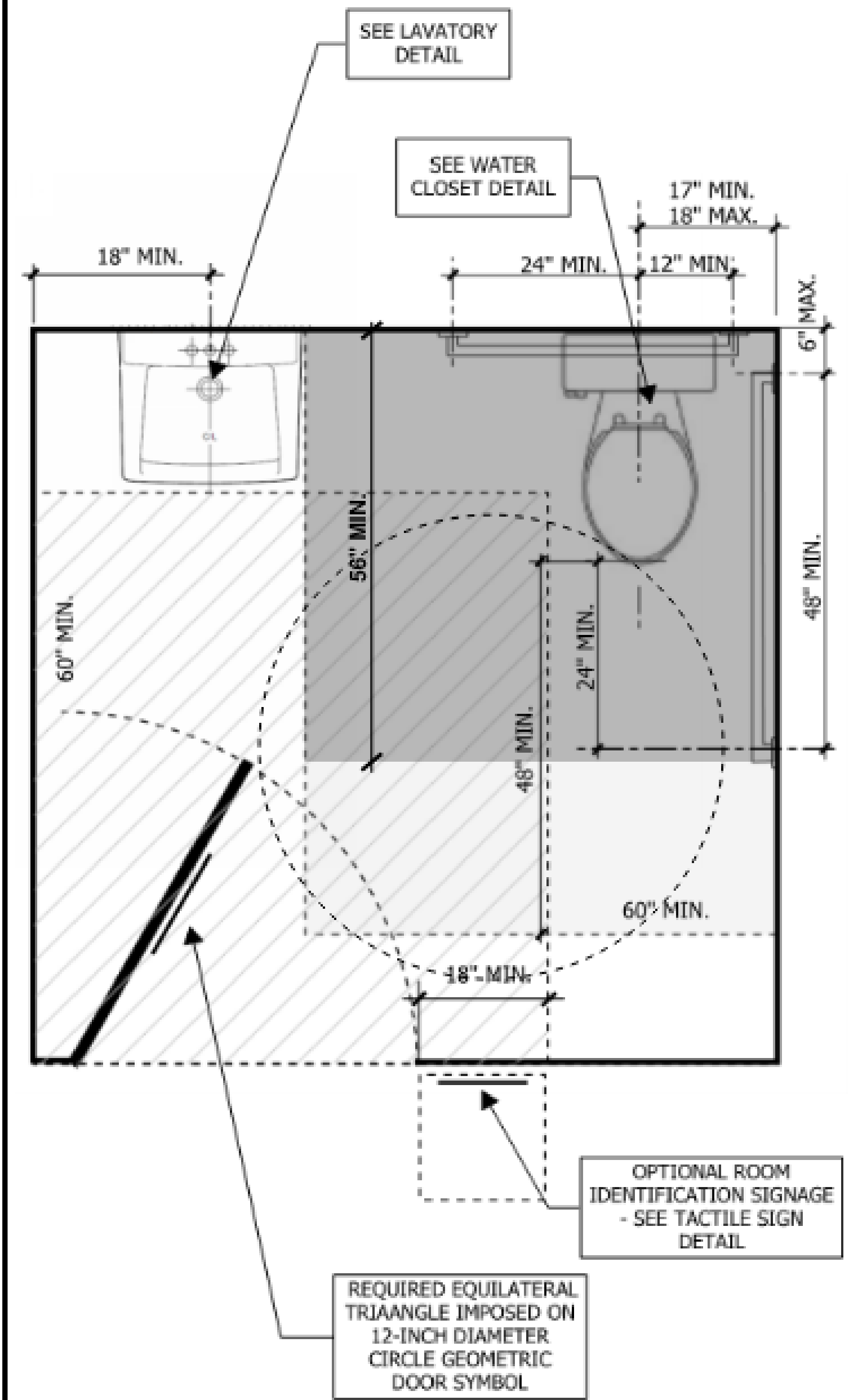


UNISEX RESTROOM      WOMEN      MEN

**D. Water Closet [CBC 11B-604]**

- Locations.** The centerline of wheelchair accessible water closets shall be shown 17-inches minimum to 18-inches maximum from the closest side wall or partition. The centerline of ambulatory accessible water closets in compliance with the provisions of CBC 11B-604.8.2 shall be shown 17-inches minimum to 19-inches maximum from the side wall or partition.
- Clear Floor and Maneuvering Space Requirements** [CBC 11B-604.3]. The clear floor space around a wheelchair accessible water closet shall be 60-inches minimum as measured perpendicular to the nearest side wall or partition and 56-inches from the rear wall. A minimum 60-inch wide maneuvering space shall be provided in front of the water closet that extends a minimum of 48-inches from the lip of the water closet bowl.
- Seats** [CBC 11B-604.4]. Except for residential dwelling units, seat heights shall be 17-inches minimum to 19-inches maximum AFF. Within the residential dwelling units, seat heights shall be a minimum of 15-inches and maximum of 19-inches AFF. Except for where the rim of the bowl in existing fixtures is less than 15-inches, the maximum seat height shall be 2-inches. Where the existing fixture is less than 15-inches, the maximum seat height may be 3-inches.
- Grab Bars** [CBC 11B-604.5]. Except as provided for in CBC 11B-604.5, grab bars that comply with CBC 11B-609 shall be provided at wheelchair accessible water closets as required by and in compliance with CBC 11B-604.5.
  - General Grab Bar Requirements** [CBC 11B-609].
    - Cross Section** [CBC 11B-609.2]. Grab bars with a circular cross section shall have a minimum outside diameter of 1-1/4 inches and maximum diameter of 2-inches. Grab bars with a non-circular cross section shall have a perimeter dimension of 4-inches minimum and 4.8-inches maximum, as well as a maximum 2-inch cross section dimension.
    - Spacing** [CBC 11B-609.3]. Except as provided for in CBC 11B-609.3 for showers and "L-shaped" grab bars, the space between the grab bar and wall shall be 1-1/2 inches and the space between the grab bar and projecting objects above shall be 12 inches minimum.
    - Positioning** [CBC 11B-609.4]. Except as provided for water closets for children's use and the lower grab bar on the back of a bathtub, grab bars installed in a horizontal position shall be 33-inches minimum to 36-inches maximum AFF to the top of the gripping surface. Horizontal grab bars for water closets for children's use shall be 18-inches minimum to 27-inches maximum AFF as measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with CBC 11B-607.4.1.1 for bathtubs with permanent seats or 11B-607.4.2.1 for bathtubs without permanent seats.
  - Side Wall Grab Bars** [CBC 11B-604.5.1]. Minimum 42-inch long grab bars shall be mounted on the nearest side wall adjacent to the accessible water closets whose center of the escutcheon plate is no further than 12-inches from the rear wall and other end is at least 24-inches past the lip of the water closet bowl.

- Mirrors** [CBC 11B-603.3]. Mirrors located above lavatories or countertops shall be installed so that the bottom edge of the reflective surface is 40-inches AFF maximum. Mirrors in other locations shall be installed so that the bottom edge of the reflective surface is 35-inches AFF maximum.
- Coat Hooks, Shelves and Medicine Cabinets** [CBC 11B-603.4]. Coat hooks where provided, shall be installed within the reach range provisions of CBC 11B-308. Shelves where provided, shall be located between 40-inches minimum to 48-inches maximum AFF. Medicine cabinets shall be located so that a usable shelf is no higher than 44-inches maximum AFF.
- Accessories** [CBC 11B-603.5]. Except for baby changing tables in compliance with CBC 11B-226.4, where towel dispensers, waste receptacles and other accessories are provided within toilet facilities, at least on each of each type shall be on an accessible route and not more than 40-inches AFF to operable parts and coin slots.
- Baby Changing Tables**
  - General** [CBC 11B-226.4]. Where provided, baby changing tables shall be shown in compliance with the operable parts provisions of CBC 11B-309 as well as the work surface provisions of CBC 11B-902. Baby changing tables when deployed shall not obstruct the required width of the accessible route except as provided for in CBC 11B-307.2 for protruding objects and baby changing tables within a multiple accommodation toilet facility shall not be located in an accessible toilet compartment complying with CBC 11B-604.8.
  - Work Surface Provisions of CBC 11B-902.** The baby changing table shall have a clear floor space in compliance with CBC 11B-305 position for a forward approach and the toe and knee clearance provisions of CBC 11B-306. The top working surface of the baby changing table shall have a minimum height of 28-inches AFF and a maximum height of 34-inches AFF.



**SINGLE-USER RESTROOM DETAIL**

- Bathing Facilities** [CBC 11B-213.3.6]. Where bathtubs or showers are provided, at least one bathtub complying with CBC 11B-607 or shower complying with CBC 11B-608 shall be provided. Transfer-type shower compartments defined within CBC 11B-608.2.1 and 11B-608.3.1 shall not be permitted except within transient lodging guest rooms, multibedroom housing units in undergraduate housing and within residential dwelling units. Where two or more accessible showers are provided within the same functional area, the shower controls of at least one shower shall be shown of opposite hand of the other(s).
- Coat Hooks and Shelves** [CBC 11B-213.3.7]. Where coat hooks and shelves are provided within the toilet room and bathing room facilities outside of the toilet compartments, at least one of each type provided shall be shown within the reach range provisions of CBC 11B-603.4. Where coat hooks and shelves are provided within toilet compartments, at least one of each type provided shall be shown within the reach range provisions of CBC 11B-603.4 within the accessible toilet compartments required by CBC 11B-213.3.1.
- Existing Noncompliant Toilet Room and Bathing Room Facilities** [CBC 11B-216.8].
  - Where existing toilet compartments do not comply with the provisions of CBC 11B-603, directional signs complying with the visual provisions of CBC 11B-703.5, and that includes the International Symbol of Accessibility complying with CBC 11B-703.7.2.1 indicating the location of the nearest toilet room and bathing room facility that complies with the provisions of CBC 11B-603 shall be provided.
  - Where existing toilet room and bathing rooms do not comply with the provisions of CBC 11B-603, the rooms shall be identified by an International Symbol of Accessibility complying with CBC 11B-703.7.2.1.
  - Where single-user toilet room and bathing room facilities are clustered together and only one comply with the provisions of CBC 11B-603, the toilet room and bathing room facility that complies with the provisions of CBC 11B-603 shall be identified by an International Symbol of Accessibility complying with CBC 11B-703.7.2.1.
- Additional Scoping Requirements**
  - Clustered Single-User Toilet Room and Bathing Room Facility** [CBC 11B-213.2, Exception 4]. Where multiple single-user toilet room facilities are clustered at a single location, at least 50-percent of the toilet room, but not less than one shall be shown to comply with the provisions of CBC 11B-603.
  - Portable Toilet and Bathing Facilities** [CBC 11B-213.2]. Where portable toilet and/or bathing facilities are provided at a single location, at least 5-percent, but no fewer than one of each type shall be shown to comply with the provisions of CBC 11B-603. Portable toilet/bathing facilities complying with CBC 11B-603 shall be shown identified by the International Symbol of Accessibility that complies with CBC 11B-703.7.2.1.
  - Technical Infeasible** [CBC 11B-213.2, Exception 1]. In alterations where it is technically infeasible to comply with the provisions of CBC 11B-603, altering existing toilet room and bathing room facilities shall not be required where a single-user toilet room and bathing room facility is provided and located within the same area and on the same floor as the existing inaccessible toilet room and bathing room facility.

**B. Minimum Requirements for Toilet and Bathing Rooms [CBC 1209, CPC 418.0, and 11B-603] and Baby Changing Tables**

- Finish Materials** [CBC 1209.2]. In other than dwelling units,
  - Floors and Wall Bases** [CBC 1209.2.1]. Floors of toilet and bathing facilities shall be smooth, hard, and nonabsorbent. The intersections of the floors with the walls shall be smooth hard, and nonabsorbent and shall extend vertically a minimum of 4-inches AFF.
  - Walls and Partitions** [CBC 1209.2.2]. Except as otherwise exempt by CBC 1209.2.2 for dwelling units, and toilet rooms not accessible to the public and that have no more than one water closet, walls and partitions within 2-feet of water closets, urinals and service sinks shall have smooth hard, and nonabsorbent wall surfaces within 2-feet of the fixture and not less than 4-feet AFF or ground surface.
- Floor Drains** [CPC 418.0]. Except within a dwelling unit, at least one floor drain in compliance with CPC 418.0 shall be provided in toilet rooms with two or more water closets or a combination of one water closet and urinal.
- Turning Space** [CBC 11B-603.2.1]. Toilet and bathing rooms shall have provisions for a minimum 60-inch diameter or "T-shape" turning space complying with CBC 11B-304 within the room.
- Overlap** [CBC 11B-603.2.2]. Required clear floor spaces, clearance at fixtures and the required turning space are permitted to overlap.
- Door Swing** [CBC 11B-603.2.3]. Except for single-user toilet or bathing facilities, doors may not swing into the clear floor space or clearance required for any fixture. At single-user toilet or bathing facilities, doors are permitted to swing into the clear floor space for any fixture. Other than doors to accessible water closet compartments, a door in any position shall be limited to encroach into the turning space by a maximum of 12-inches. Doors to accessible water closet compartments are permitted to encroach over the accessible turning space without limitations.

**A. Plumbing and Scoping Requirements.**

- California Plumbing Code [CPC].**
  - Minimum Number of Required Fixtures** [CPC 422]. The minimum number of required fixtures shall be shown to comply with CPC 422.
  - Separate Toilet Facilities** [CPC 422.2]. Except as provided for within CPC 422.2 separate toilet facilities for each sex shall be provided.
  - One-Single-User Restroom Facility** [CPC 422.2, Exceptions (2) and (3)]. In occupancies with an occupant load of 10 occupants or less and in business and mercantile occupancies with an occupant load of 50 or less shall have at least one single-user restroom facility that may be used by either sex.
  - Family or Assisted Use Toilet Facilities** [CPC 422.2.2]. Where a separate toilet facility is required for each sex, and each toilet facility is required to have only one water closet, two family or assisted use toilet facilities is permitted in place of the separate facilities.
- Operable Parts** [CBC 11B-205]
  - General.** Except as permitted by CBC 11B-205, operable parts shall comply with CBC 11B-309 [CBC 11B-205], shall be adjacent to a clear floor space complying with CBC 11B-305 [CBC 11B-309.2], and shall be within one or more of the reach ranges specified within CBC 11B-308 [CBC 11B-309.3]. Operable parts shall operate with one hand and shall not require the twisting of a wrist, pinching, or tight grasping and shall activate with a maximum force of 5-pounds.
  - Hand-Operated Metering Faucets** [CBC 11B-606.4]. Hand-operated metering faucets shall remain open for at least 10-seconds.
  - Obstructed High Forward Reach** [CBC 11B-308.2.2]. Operable parts at lavatories shall not be further back from the front edge of the lavatory than the wheelchair space below is allowed to extend.
- General Accessibility Requirements.** Except as provided for within CBC 11B-213.2, where toilet room and bathing room facilities are provided, they shall be shown to comply with CBC 11B-213 and 11B-603 [CBC 11B-213.1 and 11B-213.2].
- Toilet Facility for Designated User Groups** [CBC 11B-213.1.1]. Where a toilet facility is provided for designated user groups, the toilet facility serving each user group shall be shown to comply with the provisions of CBC 11B-213.
- Toilet Room and Bathing Room Facilities Within Multistory Buildings Not Required to Have Accessible Access to Every Floor** [CBC 11B-213.1]. Where toilet room or bathing room facilities are provided in buildings exempt by CBC 11B-206.2.3, Exemption 1 to have an accessible route to every floor level, the toilet and bathing facilities shall be provided on the floor level serviced by an accessible route from the building entrance.
- Water Closets** [CBC 11B-213.3.2]. Where water closets are provided, at least 5-percent, but no fewer than one shall be shown to comply with the provisions of CBC 11B-604.
- Urinals** [CBC 11B-213.3.3]. Where urinals are provided, at least 5-percent, but no fewer than one shall be shown to comply with the provisions of CBC 11B-605.
- Lavatories** [CBC 11B-213.3.4]. Where lavatories are provided, at least 10-percent but no less than one lavatory shall be shown to comply with the provisions of CBC 11B-606 for lavatories.
- Toilet Compartments** [CBC 11B-213.3.1]. Where toilet compartments are provided, at least 5-percent of the toilet compartments but no fewer than one toilet compartment shall be shown to comply with the provisions of CBC 11B-604.8.1. In addition, to the toilet compartments required to comply with CBC 11B-604.8.1, where six or more toilet compartments are provided, at least 5-percent of the toilet compartments but no fewer than one toilet compartment shall be shown as an ambulatory accessible compartment in compliance with CBC 11B-604.8.2.
- Mirrors** [CBC 11B-213.3.5]. Where mirrors are provided, at least one shall be shown in compliance with CBC 11B-603.3.
- Baby Changing Tables** [HSC 118506]. Except for bars and nightclubs that do not permit anyone under the age of 18-years of age to enter the premise, within restaurants with an occupant load of 60 or more, auditoriums, theaters, grocery stores, health facilities serving more than one patient at a time for a period of time of 24-hours or longer, convention centers, retail stores greater than 5,000 SF, shopping centers more than 25,000 SF and other locations as identified within HSC 118506(a)(1), for new construction and where bathrooms are to be renovated and the cost of the renovation is \$10,000 or more, at least one baby changing table shall be provided that is accessible to both men and women; or one shall be provided within the men's restroom facility and one within the women's restroom facility.
 

Requirements for baby changing table are exempt in renovations where the local building permitting entity or building inspector determines that the installation of a baby diaper changing table is not feasible or would result in the failure to comply with the right of access for persons with disabilities.

Requirements for baby changing table are exempt in restaurants with an occupant load of 60 or more if there is a centrally located public facility with a diaper changing table located within 300-feet of the entrance to the restaurant.

**TOILET AND BATHING FACILITIES**

DATE