

Plan Check No. _____

A. SANITARY FACILITIES (GENERAL)

1. Bathing and toilet facilities that serve buildings, facilities or portions of buildings or facilities that are required by these standards to be accessible to persons with disabilities, shall be on an accessible route and shall conform to the requirements of section 1115B. (1115B.1)
2. Where separate facilities are provided for persons of each sex, these facilities shall be accessible to persons with disabilities. Where unisex facilities are provided, these facilities shall be accessible to persons with disabilities. (1115B.1.1)
3. Where facilities are to be used solely by small children, the specific heights and clearances may be adjusted to meet their accessibility needs. See Table 1115B-1 for suggested mounting heights and clearances. (1115B.1.2)

TABLE 1115B-1

	A	E	K
Toilet centering from wall	18"	15"	12"
Toilet seat height (To top of seat)	17"-19"	15"	10"-12"
Grab bar height (side)	33"	27"	20"-22"
Toilet paper in front of toilet	12" max	6" max	6" max
Napkin disposal in front of toilet	12" max	12" max	N/A
Dispenser or mirror height	40" max	36" max	32" max
Lavatory/sink top height	34" max	29" max	24" max
Lavatory/sink knee clearance	27" min	24" min	19" min
Urinal lip height	17" max	15" max	13" min
Urinal flush handle height	44" max	37" max	32" max
Drinking fountain bubbler height	36" max	32" max	30" max
Drinking fountain knee clearance	27" min	24" min	22" min
Ramp/stair handrail height	34"-38"	27"	22"

The dimensions are recommended by the Division of the State Architect- Access Compliance. These recommendations are based on the federal "recommendations for Accessibility for Children in Elementary School" and other recognized publications on access for children.

A = Adult dimensions (age 12 and over)

E = Elementary dimensions

K = Kindergarten and pre-school dimension

4. Doorways leading to sanitary facilities shall be identified by a geometric symbol in compliance with this section. Geometric symbols shall be centered horizontally on the door at a height of 60" above the finish floor or ground surface measured to the center of the symbol. Edges of signs shall be rounded, chamfered or eased. Corners of signs shall have a minimum radius of 1/8". (1115B.6)
5. Men's sanitary facilities shall be identified by an equilateral triangle, 1/4" thick with edges 12" long and a vertex pointing upward. The triangle symbol shall contrast with the door, either light on a dark background or dark on a light background. (1115B.6.1)
6. Women's sanitary facilities shall be identified by a circle, 1/4" thick and 12" in diameter. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. (1115B.6.2)
7. Unisex sanitary facilities shall be identified by a circle, 1/4" thick and 12" in diameter, with a 1/4" thick triangle superimposed on the circle and within the 12" diameter. (1115B.6.3)
8. See also Section 1117B.5.1 Item 1 for additional signage requirements applicable to sanitary facilities.

B. SINGLE ACCOMMODATION SANITARY FACILITIES

NOTE: Single Accommodation Sanitary Facility is defined as "a room that has not more than one of each type of sanitary fixture, is intended for use by only one person at a time, has no partition around the toilet, and has a door that can be locked on the inside by the room occupant". (202)

1. There shall be sufficient space in the toilet room for a wheelchair measuring 30" wide by 48" long to enter the room and permit the door to close. There shall be in the room a clear floor space of at least 60" in diameter, or a T-shaped space complying with Figures 11B-12(a) and (b). No door shall encroach into this space for more than 12". (1115B.3.2.1, Fig 11B-1A)
 2. Doors shall not swing into the clear floor space required for any fixture. Doors may swing into that portion of maneuvering space which does not overlap the fixture's required clear floor space. See Figure 11B-1E (a). (1115B.3.2.2)
 3. Provide one accessible water closet in compliance with Section 1115B.4.1. A minimum 60 inches wide and 48 inches deep maneuvering space shall be provided in front of the water closet. (1115B.3.2.3)
 4. All doors, fixtures, and controls shall be on an accessible route with a minimum clear width of 36" except at doors. If a person in a wheelchair must make a turn around an obstruction, the minimum clear width of the accessible route shall be as shown in Figure 11B-5E. See also Figure 11B-1A. (1115B.3.2.4)
 5. The entrance door shall contain a privacy latch which complies with Section 1117B.6, Controls and Operating Mechanisms. (1115B.3.2.7)
 6. Provide one accessible lavatory in compliance with section 1115B.4.3. (1133B.3.2.6)
 7. Toilet room floors shall have a stable, firm, slip resistant surface in compliance with Section 1124B.1. (1115B.3.2.5)
 8. In existing buildings, a single accommodation toilet may have the water closet located in an area which provides a clear space of not less than 36" wide by 48" long in front of the water closet. (1115B.3.2)
1. A clear space measured from the floor to a height of 27" above the floor, within the sanitary facility room, of sufficient size to inscribe a circle with a diameter not less than 60". Other than the door to the accessible water closet compartment, a door, in any position, may encroach into this space by not more than 12". (1115B.3.1.1)
 2. Doors shall not swing into the clear floor space required for any fixture. Doors may swing into that portion of maneuvering space which does not overlap the fixture's required clear floor space. See Figures 11B-1E (c) and (e). (1115B.3.1.2)
 3. A water closet fixture located in a compartment shall provide a minimum 28" wide clear space from a fixture or a minimum 32" wide clear space from a wall at one side of the water closet. The other side of the water closet shall provide 18" from the centerline of the water closet to the wall. Grab bars shall not project more than 3" into these clear spaces. The stall shall be minimum of 60" wide. (1115B.4.1, Fig 11B-1B)
 4. If the compartment has a side-opening door, either in-swinging or out-swinging, a minimum 60 inches wide and 60 inches deep maneuvering space shall be provided in front of the water closet. (1115B.3.1.4.2)
 5. If the compartment has an end-opening door (facing the water closet), either in-swinging or out-swinging, a minimum 60 inches wide and 48 inches deep maneuvering space shall be provided in front of the water closet. The door shall be located in front of the clear floor space and diagonal to the water closet, with a maximum stile width of 4 inches. (1115B.3.1.4.3)
 6. The water closet compartment shall be equipped with a door that has an automatic-closing device, and shall have a clear, unobstructed opening width of 32" when located at the end and 34" when located at the side with the door positioned at an angle of 90 degrees from its closed position. (1115B.3.1.4.4)

C. MULTIPLE ACCOMMODATION SANITARY FACILITIES

NOTE: Multiple Accommodation Sanitary Facility is defined as "a room that has more than one sanitary fixture, is intended for the use of more than one person at a time, and which usually is provided with privacy compartments or screens shielding some fixtures from view". (202)

7. The inside and outside of the compartment door shall be equipped with a loop or U-shaped handle immediately below the latch. The latch shall be flip-over style, sliding, or other hardware not requiring the user to grasp or twist. (1115B.3.1.4.5)
8. Except for door opening widths and door swings, a clear, unobstructed access not less than 44" shall be provided to water closet compartments designed for

use by persons with disabilities. The space immediately in front of a water closet compartment shall be not less than 48" as measured at right angles to compartment door in its closed position. (1115B.3.1.4.5, Fig 11B-1B)

9. Where six or more compartments are provided within a multiple-accommodation toilet room, in addition to the water closet and compartment required by Items 3 and 4 above, provide at least one ambulatory accessible compartment. The ambulatory accessible compartment shall be 36 inches wide with an outward swinging self-closing door and parallel grab bars complying with Section 1115B.4.1, Item 3, (1115B.3.1.5)
10. Provide 18 inches clearance at the strike side of water closet compartment doors (no exception). (Figure 11B-1B)
11. Toilet room floors shall have a stable, firm, slip resistant surface in compliance with Section 1124B.1. (1115B.3.1.6)

D. SANITARY FACILITY FIXTURES & ACCESSORIES

ACCESSIBLE WATER CLOSETS:

1. The height of accessible water closets shall be a minimum of 17" and a maximum of 19" measured to the top of a maximum 2" high toilet seat, except that 3" seats shall be permitted only in alterations where the existing fixture is less than 15" high. (1115B.4.1.4)
2. Provide clear floor space and maneuvering space at accessible water closets in compliance with Section 1115B.4.1, Item 2. Refer to Section 1115B.3.1, Items 4.2 and 4.3 for additionally required maneuvering space at multiple-accommodation toilet facilities. Refer to Section 1115B.3.2, Item 3 for additionally required maneuvering space at single-accommodation toilet facilities.
 - a) Where a water closet is not within a water closet compartment, clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall closest to the water closet and 56 inches minimum measured perpendicular from the rear wall. See Figure 11B-1E (a).
 - b) Where a wall mounted water closet is installed within an accessible water closet compartment,

clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall closest to the water closet and 56 inches minimum measured perpendicular from the rear wall. Where a floor mounted water closet is installed within an accessible water closet compartment, clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall and 59 inches minimum measured perpendicular from the rear wall. See Figures 11B-1E (b), (c), (d) and (e).

- c) Where a water closet is installed within an accessible water closet compartment with an in-swinging door, a minimum 60 inches wide by 36 inches deep maneuvering space shall be provided in front of the clear floor space required in Item 2.2. See Figures 11B-1E (c) and (e).

Exception: An adjacent fixture at the rear wall is permitted to encroach into the required clear floor space at the wide side of the water closet where clearances are provided in compliance with Section 1115B.4.1, Item 1.

ACCESSIBLE LAVATORIES:

3. A clear floor space 30" by 48" in front of a lavatory to allow a forward approach. Such clear floor space shall adjoin or overlap an accessible route and shall extend a maximum of 19" into knee and toe space underneath the lavatory. (1115B.4.3.3, Fig 11B-1D)
4. Lavatories, when located adjacent to a side wall or partition, shall be a minimum of 18" to the center line of the fixture. (1115B.4.3.2, Fig 11B-1A)
5. All lavatories that are designated to be accessible shall be a minimum 17" in horizontal depth and mounted with the rim or counter edge no higher than 34" above the finished floor and with vertical clearance measured from the bottom of the apron or the outside bottom edge of the lavatory of 29", reducing to 27" at a point located 8" back from the front edge. In addition, a minimum 9" high toe clearance must be provided extending back toward the wall to a distance no more than 6" from the back wall. The toe clearance space must be free of equipment or obstructions. (1115B.4.3.2, Fig.11B-1D)
6. Hot water and drain pipes under accessible lavatories shall be insulated or otherwise covered. There shall be no sharp or abrasive surfaces under lavatories. (1115B.4.3.4)

ACCESSIBLE URINALS:

7. Where urinals are provided, at least one shall have a clear floor space 30" by 48" in front of the urinal to allow forward approach. (1115B.4.2.3)
8. Urinals shall be floor mounted, stall-type or wall hung. Where one or more wall hung urinals are provided, at least one with an elongated rim projecting a minimum of 14" from the wall, a maximum of 17" from the wall, and a maximum of 17" above the floor shall be provided. (1115B.4.2.1)
9. Controls for water closet flush valves shall be mounted on the wide side of toilet areas. Automatic spring to lifted position seats are not allowed. (1115B.4.1.5, 1115B.4.1.7)
10. Water closet and urinal flush valve controls, and faucet and operating mechanism controls, shall be operable with one hand, shall not require tight grasping, pinching, or twisting of the wrist, and shall be mounted no more than 44" above the floor. (1115B.4.1.5, 1115B.4.2.2, 1115B.4.3.1)
11. The force required to activate water closet and urinal flush valve controls, and faucet and operating mechanism controls, shall be no greater than 5 lbf. Electronic or automatic flushing controls are acceptable and preferable. (1115B.4.1.5, 1115B.4.2.2, 1115B.4.3.1)
12. Self-closing faucet control valves are allowed if the faucet remains open for at least 10 seconds. (1115B.4.3.1)
13. All mirrors located above accessible lavatories or countertops shall be installed with the bottom edge of the reflecting surface no higher than 40" from the finish floor or ground. (1115B.8.1.1)
14. When mirrors are provided at locations other than above lavatories or countertops, at least one shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. (1115B.8.1.2)
15. Mirrors in fitting and dressing areas shall comply with Section 1117B.8. (1115B.8.1.3)
16. If medicine cabinets are provided, at least one shall be located with a usable shelf no higher than 44" above the floor. A clear floor space 30" by 48" complying with Section 1118B.4 shall be provided in

front of a medicine cabinet to allow a forward or parallel approach. (1115B.8.2)

17. Where towel, sanitary napkins, waste receptacles, dispensers, or other equipment and controls are provided, show at least one of each type shall be located on an accessible route, with all operable parts, including coin slots, within 40" from the finished floor and shall comply with Section 1117B.6. (1115B.8.3)
18. Show that toilet tissue dispensers shall be located on the wall within 12" of the front edge of the toilet seat, mounted below the grab bar at a minimum height of 19", and 36" maximum to the far edge from the rear wall. Dispensers that control delivery or that do not permit continuous paper flow shall not be used. (1115B.8.4, Fig 11B-1A)
19. Toilet room floors shall have a stable, firm, slip resistant surface in compliance with Section 1124B.1. (1115B.3.1.6)

E. GRAB BARS

1. Grab bars for water closets not located within a compartment shall comply with Section 1115B.7 and shall be provided on the side wall closest to the water closet and on the rear wall. (1115B.4.1.3)
2. Grab bars for water closets located within an accessible compartment shall comply with Section 1115B.7 and shall be provided on the side wall closest to the water closet and on the rear wall. (1115B.4.1.3)
3. Grab bars for water closets located within ambulatory accessible compartments shall comply with Section 1115B.7 and shall be provided on both sides of the compartment. (1115B.4.1.3)
4. The side grab bars shall be 42" long minimum, located 12" maximum from the rear wall, and extend 54" minimum from the rear wall. The front end shall be positioned 24" minimum in front of the water closet, and shall be securely attached and centered 33" above and parallel to the floor. (1115B.4.1.3.1, Fig 11B 1A & 1B)
5. The rear grab bars shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. The rear grab bar shall be securely attached and centered 33" above and parallel to the floor,

except that where a tank-type toilet is used, which obstructs placement at 33", the bar may be as high as 36", with 1-1/2" minimum between the bar and top of tank. (1115B.4.1.3.2, Fig 11B-1A)

6. The diameter or width of the gripping surfaces of a grab bar shall be 1¼" to 1½" nominal, 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 1½". (1115B.7.1, Fig 11B-1C)
7. The structural strength of grab bars, tub and shower seats, fasteners, and mounting devices shall meet the following specifications: (1115B.7.2)
 - a) Bending stress in a grab bar or seat induced by the maximum bending moment from the application of a 250-lb point load shall be less than the allowable stress for the material of the grab bar or seat. (1115B.7.2.1)
 - b) Shear stress induced in a grab bar or seat by the application of a 250-lb point load shall be less than the allowable shear stress for the material of the grab bar or seat, and its mounting bracket or other support is considered to be fully restrained, then direct and torsional shear stresses shall not exceed the allowable shear stress. (1115B.7.2.2)
 - c) Shear force induced in fastener or mounting devices from the application of a 250-lb point load shall be less than the allowable lateral load of either the fastener or mounting device or the supporting structure, whichever has the smaller allowable load. (1115B.7.2.3)
 - d) Tensile force induced in a fastener by a direct tension force of a 250-lb point load, plus the maximum moment from the application of a 250-lb point load, shall be less than the allowable withdrawal load between the fastener and supporting structure. (1115B.7.2.4)
 - e) Grab bars shall not rotate within their fittings. (1115B.7.2.5)
8. The grab bar and any wall or other surface adjacent to it shall be free of any sharp or abrasive elements. Edges shall have a minimum radius of 1/8". (1115B.7.3)

F. BATHING FACILITIES & LOCKERS

1. Where facilities for bathing are provided for the public, clients, or employees, including showers or bathtubs, at least one shower or bathtub and support facilities,

such as lockers, and not less than 1% of all facilities shall be made accessible. (1115B.2)

ACCESSIBLE BATHTUB:

2. Clear floor space at bathtubs shall be as shown in Figure 11B-8. (1115B.4.5.1, Fig 11B-8)
3. An in-tub seat or a seat at the head end of bathtubs shall be provided as shown in fig.11B-8 and 11B-9. The structural strength of seats and their attachment shall comply Section 1115B.7.2. Seats shall be mounted securely and shall not slip during use. (1115B.4.5.2)
4. Grab bars for bathtubs complying with Section 1115B.7 shall be provided as shown in Fig. 11B-9. (1115B.4.5.3)
5. Faucets and other controls for bathtubs shall be located as shown in Figure 11B-9, they shall be operable with one hand, and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 pounds. (1115B.4.5.4)
6. A shower spray unit having a hose at least 60" long that can be used as a fixed shower head or as a hand-held shower shall be provided. (1115B.4.5.5)
7. If provided, enclosures for bathtubs shall not obstruct controls or transfer from wheelchair onto bathtub seats or into tubs. Enclosures on bathtubs shall not have tracks mounted on their rims. (1115B.4.5.6)

ACCESSIBLE SHOWER:

8. Showers shall be either a) 60" minimum in width between wall surfaces and 30" minimum in depth with a full opening width on the long side, b) 60" in width between wall surfaces and 36" in depth with an entrance opening of 36" minimum, or c) 60" minimum in width between the wall surfaces and 36" minimum in depth as long as the entrance opening width is a minimum 36". (1115B.4.4.1, Fig 11B-2A, 2B & 2C)
9. Thresholds in roll-in type showers shall be a maximum of ½" in height and shall comply with section 1124B.2. (1115B.4.4.2)
10. The maximum slope of the floor shall be one unit vertical in 50 units horizontal (2 percent slope) in any direction. Where drains are provided, grate openings

- shall be a maximum of 1/4" and located flush with the floor surface. (1115B.4.4.7)
11. Where, within the same functional area, two or more accessible showers are provided, there shall be at least one shower constructed opposite hand from the other or others (i.e., one left hand control vs. right hand control). (1115B.4.4.3)
 12. Water controls shall be of a single lever design, operable with one hand, and shall not require tight grasping, pinching, or twisting of the wrist. The centerline of the controls shall be located at 39" to 41" above the shower floor. The force required to activate controls shall be no greater than 5lbf. (1115B.4.4.4)
 13. A flexible hand-held sprayer unit with a hose at least 60" long that can be used both as a fixed shower head and as a hand-held shower shall be provided. This unit shall be mounted such that the top of the mounting bracket is at a maximum height of 48" above the shower floor. (1115B.4.4.5)
 14. Controls and hand-held sprayer unit in a 60" minimum by 30" minimum roll-in shower shall be located on the back wall of the compartment adjacent to the seat. The centerline of the controls shall be within a range of no less than 19" and no more than 27" from the seat wall. The centerline of the unit shall be no more than 27" from the seat wall. (1115B.4.4.4.1, 1115B.4.4.5.1, Fig 11B-2A)
 15. Controls and hand-held sprayer unit in a 60" minimum by 36" alternate roll-in shower shall be located on the side wall of the compartment adjacent to the seat. The centerline of the controls shall be within a range of no less than 19" and no more than 27" from the seat wall. The centerline of the sprayer unit shall be 18" from the seat wall. (1115B.4.4.4.2, 1115B.4.4.5.2, Fig 11B-2B)
 16. Controls and hand-held sprayer unit in a 60" minimum by 36" minimum alternate roll-in shower with optional enclosure shall be located on the back wall of the compartment adjacent to the seat. The centerline of the controls shall be within a range of no less than 19" and no more than 27" from the seat wall. The centerline of the unit shall be no more than 27" from the seat wall. (1115B.4.4.4.3, 1115B.4.4.5.3, Fig 11B-2C)
 17. Except within guest rooms and suites in hotels, motels, and similar transient lodging establishments, where accessible shower facilities are provided in areas subject to excessive vandalism, in lieu of providing the fixed flexible hose, two wall mounted shower heads shall be installed. Each shower head shall be installed so that it can be operated independently of the other and shall have swivel angle adjustments, both vertically and horizontally. One shower head shall be located at a height of 48" above the floor. (115B.4.4.6)
 18. The following compartment shower accessories shall be provided: (1115B.4.4.8)
 - a) A folding seat mounted 18" above the floor, and with a minimum space of 1" and a maximum space of 1-1/2" allowed between the edge of the seat and any wall. When folded, the seat shall not extend more than 6" from the mounting wall. The seat dimensions and mounting position shall comply with Figures 11B-2A, 2B, 2C, and 2D. The structural strength of seats and their attachments shall comply with 1115B.7.2. (1115B.4.4.8.1)
 - b) Grab bars located on walls adjacent to and opposite the seat. Grab bars shall also comply with the diameter, loading and projection requirements of Section 1115B.7. Grab bars shall be mounted between a minimum of 33" and a maximum of 36" above the shower floor. (1115B.4.4.8.2, Fig 11B-2A, 2B)
 - c) An L-shaped grab bar mounted on walls opposite and adjacent to the front edge of the seat, but not extended to include that portion of wall over the seat. (1115B.4.4.8.2, Fig 11B-2A, 2B)
 - d) A soap dish, when provided, located on the control wall at a maximum height of 40" above the shower floor and within reach limits from the seat. (1115B.4.4.9)
 19. Enclosures, when provided for shower stalls, shall not obstruct controls or obstruct transfer from wheelchairs onto shower seats. (1115B.4.4.10, Fig 11B-2A, 2B, 2C, & 2D)
 20. Where lockers are provided for the public, clients, employees, members, or participants, at least one locker and not less than 1% of all lockers shall be made accessible to persons with disabilities. A path of travel not less than 36" in clear width shall be provided to these lockers. (1115B.8.5)

G. DRINKING FOUNTAINS

1. Where only one drinking fountain area is provided on a floor, there shall be a drinking fountain which is

- accessible to individuals who use wheelchairs, and one accessible to those who have difficulty bending or stooping. This can be accommodated by the use of "hi-low" fountains, or by such other means as would achieve the required accessibility for each group on each floor. (1117B.1.1)
2. Where more than one drinking fountain is provided on a floor, 50% of those provided shall comply with Items 1, 2, 4, and 5 of Section 1117B.1 and shall be on an accessible route. All drinking fountains shall comply with item 3 of Section 1117B.1 (1117B.1.1)
 3. Wall- and post-mounted cantilevered drinking fountains shall be a minimum of 18" and a maximum of 19" in depth and shall have a clear knee space between the bottom of the apron and the floor or ground not less than 27" in height, 30" in width, and 8" in depth. The depth shall be taken from the front edge of the fountain back toward the wall or mounting post. (1117B.1.2, Fig 11B-3A, 3B)
 4. At "hi-low" type fountains, center the 30 inch by 48 inch clear floor space on the "low" fountain fixture. A side approach drinking fountain is not acceptable. (1117B.1.2)
 5. The knee and toe clearance space shall be free of equipment or obstructions. (1117B.1.2)
 6. A toe clearance of 9" in height above the floor, and 17" in depth from the front edge of the fountain. (1117B.1.2)
 7. A clear floor space at least 30" by 48" shall be provided in front of the drinking fountain to allow forward approach. (1117B.1.2)
 8. All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The alcove in which a drinking fountain is located shall not be less than 32 inches in width and 18 inches in depth. Wing walls shall project out from the supporting wall at least as far as the drinking fountain to within 6 inches of the surface of the path of travel. There shall also be a minimum of 32 inches clear between wing walls. See Figure 11B-3A of this code. Additionally, alcoves and space between wing walls shall comply with Section 1118B.4 Item 2. Protruding objects located in alcoves, located between wing walls, or otherwise positioned so as to limit encroachment into pedestrian ways are permitted to project 4 inches into walks, halls, corridors, passageways or aisles. (1117B.1.3)
 9. The bubbler shall be activated by a manually operated system complying with Section 1117B.6, Item, that is front mounted or side mounted and located within 6" of the front edge of the fountain or an electronically controlled device. (1117B.1.4)
 10. The bubbler outlet orifice shall be located within 6" of the front of the drinking fountain and within 36" of the floor. The water stream from the bubbler shall be substantially parallel to the front edge of the drinking fountain. (1117B.1.4)
 11. The spout shall provide a flow of water at least 4" high so as to allow the insertion of a cup or glass under the flow of water. On an accessible drinking fountain with a round or oval bowl, the spout must be positioned so the flow of water is within 3" of the front edge of the fountain. (1117B.1.5)
- H. ACCESSIBLE SINKS**
- Sinks required to be accessible shall comply with the following:
1. A clear floor space at least 30" by 48" complying with Section 1118B.4 shall be provided in front of a sink to allow forward approach. The clear floor space shall be on an accessible route and shall extend a maximum of 19" underneath the sink. (1117B.9.1, Fig 11B-1D)
 2. Each accessible sink shall be a maximum of 6-1/2" deep. Sinks shall be mounted with the counter or rim no higher than 34" above the finish floor. Knee clearance that is at least 27" high, 30" wide, and 19" deep shall be provided under sinks. (1117B.9.2)
 3. Hot water and drain pipes exposed under sinks shall be insulated or otherwise configured so as to protect against contact. There shall be no sharp or abrasive surfaces under sinks. (1117B.9.2)
 4. Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls shall be not greater than 5 lbf. Lever-operated, push-type, and electronically controlled mechanisms are examples of acceptable designs. (1117B.9.3)

Sanitary Facilities, Drinking Fountains, Telephones, Alterations, and Sinks

5. Self-closing faucet control valves are allowed if the faucet remains open for at least 10 seconds. (1117B.9.3)

I. PUBLIC TELEPHONES

1. If public telephones are provided, they shall be made accessible to the extent required by the following table: (1117B.2.1, Figure 11B-4)

# of each type of telephone provided on each floor	Minimum # of telephones required to comply with 1117B.2*
1 or more single units	At least 50% of telephone units per floor but not less than one.
1 telephone bank	At least 50% of telephone units per bank but not less than one.
2 or more banks	At least 50% of telephone units per bank but not less than one. At least 1 telephone per floor shall meet the requirements for a forward reach telephone.

* Additional public telephones may be installed at any height.

2. A clear floor or ground space at least 30" by 48" that allows either a forward or parallel approach by a person using a wheelchair shall be provided at telephones. (1117B.2.2, Fig 11B-4)
3. Bases, enclosures, and fixed seats shall not impede approaches to telephones by people who use wheelchairs. (1117B.2.5)
4. The highest operable part of the telephone shall be within 48" of the floor if forward approached and 54" if side approached. (1117B.2.6, Fig 11B-4)
5. Telephones mounted diagonally in a corner that require wheelchair users to reach diagonally shall have the highest operable part no higher than 54" above the floor. (1117B.2.6, Fig 11B-4)
6. The cord from the telephone to the handset shall be at least 29" long. (1117B.2.11)
7. Telephones shall have push-button controls where service for such equipment is available. (1117B.2.10)
8. If telephone enclosures are provided, they shall comply with the following: (1117B.2.7)

- a) Where a parallel approach is provided at a telephone within an enclosure, the enclosure and counter may extend beyond the face of the telephone a maximum of 10 inches. The enclosure and counter may not overlap the required clear floor or ground space. (1117B.2.7.1, Fig 11B-4)
- b) Where a front approach is provided at a telephone within an enclosure, the counter may extend beyond the face of the telephone a maximum of 20 inches into the required clear floor or ground space and the enclosure may extend beyond the face of the telephone a maximum of 24 inches. If an additional 6 inches in width of clear floor space is provided, creating a clear floor space of 36 inches by 48 inches, the enclosure may extend more than 24 inches beyond the face of the telephone. (1117B.2.7.3, Fig 11B-4)
- c) Entrances to full-height enclosures shall be 30" minimum. (1117B.2.7.2, Fig 11B-4)
- d) Where telephone enclosures protrude into walks, halls, corridors, or aisles, they shall comply with Section 1133B.8.6. (1117B.2.7.4)

9. Telephones shall be equipped with a receiver that generates a magnetic field in the area of the receiver cap. All telephones required to be accessible shall be equipped with a volume control. In addition, 25%, but never less than one, of all other public telephones provided shall be equipped with a volume control and shall be dispersed among all types of public telephones, including closed circuit telephones, throughout the building or facility. If banks of public telephones are provided, at least one in each bank shall be equipped with a volume control. Such telephones shall be capable of a minimum of 12 dBA and a maximum of 18 dBA above normal. If an automatic reset is provided, 18 dBA may be exceeded. Public telephones with volume control shall be hearing aid compatible and shall be identified by a sign containing a depiction of a telephone handset with radiating sound waves. (1117B.2.8)
10. If a total of four or more public pay telephones are provided at the interior and exterior of a site, and if at least one of the total is in an interior location, then at least one interior public text telephone shall be provided. (1117B.2.9.1.1)
11. Text telephones shall comply with the following: (1117B.2.9.2)

- a) Text telephones used with a pay telephone shall be permanently affixed within or adjacent to the telephone enclosure. If an acoustic coupler is used, the telephone cord shall be sufficiently long to allow connection of the text telephone and telephone receiver. (1117B.2.9.2.1)
 - b) Where a bank of telephones in the interior of a building consists of 3 or more public pay phones, at least one public pay phone in each such bank shall be equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure. The telephone handset shall be capable of being placed flush on the surface of the shelf. The shelf shall be capable of accommodating a text telephone and shall have 6" minimum vertical clearance in the area where the text telephone is to be placed.(1117B.2.9.2.2)
 - c) Equivalent facilitation may be substituted for the above requirements. Directional signage shall comply with Section 1117B.5.1 Items 2 and 3. (1117B.2.9.2.3)
 - d) Text telephones shall be identified by the international TTY symbol (see Figure 11B-14A). If a facility has a public text telephone, directional signage indicating the location of the nearest such telephone shall be placed adjacent to all banks of telephones that do not contain a text telephone. Such directional signage shall include the international TTY symbol. If a facility has no banks of telephones, the directional signage shall be provided at the entrance or in a building directory. (1117B.2.9.3)
 - e) If alterations to existing buildings or facilities with less than four exterior or interior public pay telephones would increase the total number to four or more telephones with at least one in an interior location then a text telephone shall be provided. (1117B.2.9.1.4)
 - f) If alterations to one or more exterior or interior public pay telephones occur in the existing building or facility with four or more public telephones with at least one in the interior location then a text telephone shall be provided. (1117B.2.9.1.5)
12. If telephone books are provided, they shall be located in a position that complies with the reach ranges in Sections 1118B.5 and 1118B.6. (1117B.2.12)

J. ADDITIONAL COMMENTS
