

06-38 – 2021

606.4

Proponent: Kyle Thompson, Plumbing Manufacturers International (PMI)

Revise as follows:

SECTION 606 LAVATORIES AND SINKS

606.4 Faucets. Faucets shall comply with Section 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

Exception: Automatic faucets shall be permitted where the activation complies with Section 308.2.2 ~~not be required to comply with Section 309 provided that the reach depth to activate the faucets and the reach depth to the water flow is 11 inches (280 mm) maximum.~~

REASON: With new technology allowing automatic faucets to be activated with motion or touch, they should be allowed to comply with the same reach requirements as manual-operated faucets as required in Section 308.2.2. This proposed change does not impact the more restrictive reach range requirements in Section 606.5.

06-38 – 2021 Replacement

606.4

Proponent: Kyle Thompson, Plumbing Manufacturers International (PMI)

Replace the proposal and revise as follows:

606.4 Faucets. Faucets shall comply with Section 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

Exception: Automatic faucets shall where the location to activation of the faucet and the water flow complies with Section 308.2.2 for sink and lavatories provide with a front approach and Section 308.3.2 for sinks provided with a side approach. ~~not be required to comply with Section 309 provided that the reach depth to activate the faucets and the reach depth to the water flow is 11 inches (280 mm) maximum.~~

Reason: The committee was concerned that the proposed language did not address getting your hands into the water, and that the forward obstructed reach did not address the requirements for a sink that could have a side approach. This replacement proposal will address both issues.

Committee Action:

AS

AM

D

606.4-THOMPSON.doc

Report for 06-38- 2021		
<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
REPORT OF HEARING:		
Modification (if any):		
Committee Reason:		
PUBLIC COMMENT- FIRST DRAFT:		
Proponent:		
Desired Action:		
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PUBLIC COMMENT- SECOND DRAFT:		
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FINAL ACTION:		
Modification (if any):		
Committee Reason:		

06-40 – 2021

607.2, 607.3(New), 607.5, Figures 607.2(A), 607.2(B), 607.3(New), 607.5, 1103.2.5.1(A), 1103.2.5.1(B)

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self; M. Bradley Gaskins, AIA; Gina Hillberry for United Cerebral Palsy; Joe Jurkiewicz, AIA; Marsha Mazz for United Spinal Association; Edward Steinfeld, Arch.D, AIA; and Steven R. Winkel, FAIA, PE, CASp

Revise as follows:

SECTION 607 BATHTUBS

607.2 Transfer Clearance. A transfer clearance in front of bathtubs extending the length of the bathtub and 30 inches (760 mm) minimum in depth shall be provided. Where a permanent seat is provided at the head end of the bathtub, the transfer clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.

Note: The wall in the Figures 607.2(A) and 607.2(B) would be jogged to indicate the additional 4 inch toe clearance in the new Figure 607.3. The committee will need to decide if Figures 607.2(A) and 607.2 (B) should be revised to show the control clearance with the transfer clearance or if the control clearance should be in a separate Figure 607.3. The figure submitted indicates the transfer clearance moving forward, not an addition 4 inch control clearance as the text indicates.

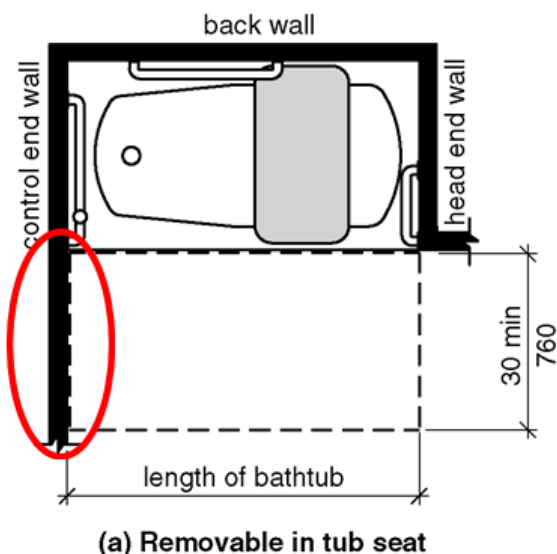


FIGURE 607.2(A)

TRANSFER CLEARANCE FOR BATHTUBS WITH REMOVABLE IN TUB SEATS

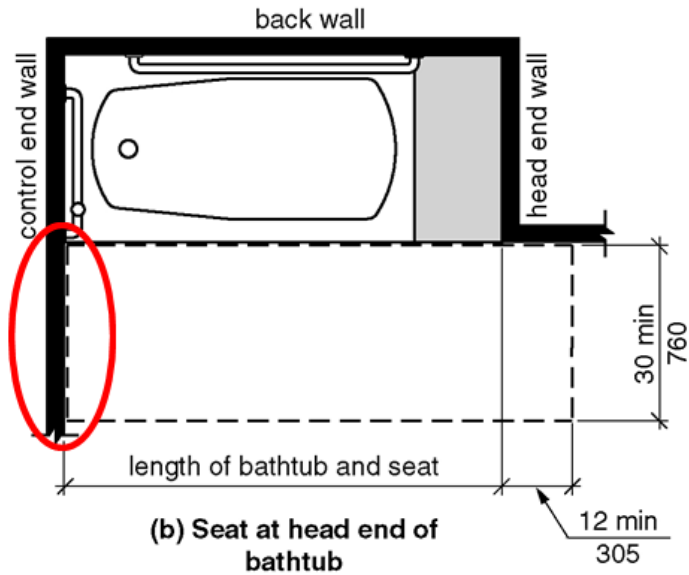


FIGURE 607.2(B)
TRANSFER CLEARANCE FOR BATHTUBS WITH SEAT AT HEAD END OF TUB

607.3 Control Clearance. The clear floor space for toe clearance at the controls shall extend 4 inches (100 mm) minimum beyond the control end wall.

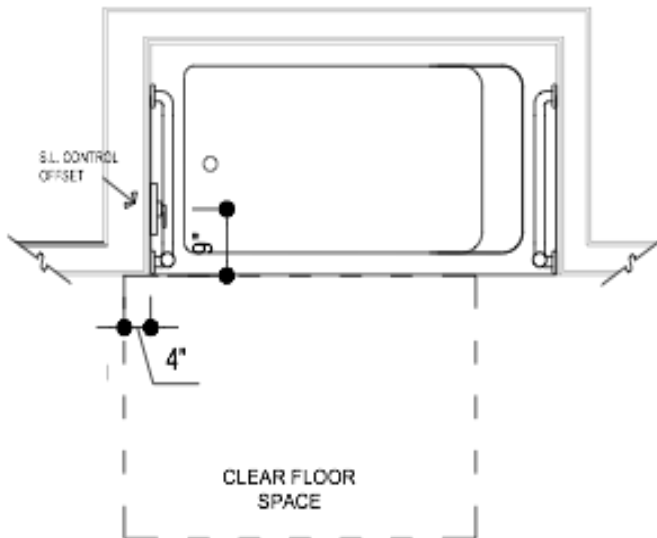
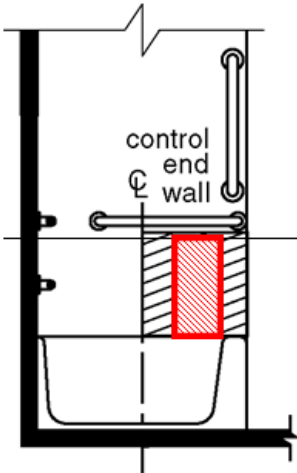


FIGURE 607.3
CLEARANCE FOR BATHTUBS CONTROLS

607.5 Controls. Controls, other than drain stoppers, shall be provided on an end wall, located between the bathtub rim and grab bar, and between the open side of the bathtub and the centerline of the width of the bathtub the centerline of controls measured from the approach side of the bathtub shall be located 5 inches (127 mm) minimum and 9 inches (229 mm) maximum from the clear floor space. Controls shall comply with Section 309.4.

Note: The area for the controls in Figure 607.5 would be revised to the smaller area indicated in the revised text.



**FIGURE 607.5
LOCATION OF BATHTUB CONTROLS**

Note: The references from Accessible and Type A units are shown so that the committee is clear on how this proposal will affect unit requirements.

SECTION 1102 ACCESSIBLE UNITS

1102.11.2 Toilet and bathing facility. At least one toilet and bathing facility shall comply with Section 603. At least one lavatory, one water closet and either a bathtub or shower within the unit shall comply with Sections 604 through 610. These toilet and bathing fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the unit.

SECTION 1103 TYPE A UNITS

1103.11.2.5 Bathing fixtures. The bathing fixture shall be a bathtub complying with Section 1103.11.2.5.1 or a shower compartment complying with Section 1103.11.2.5.2.

1103.11.2.5.1 Bathtub. Bathtubs shall comply with Section 607.

Exception: Countertops and cabinetry shall be permitted at one end of the clearance, provided the following criteria are met:

1. The countertop and cabinetry can be removed;

2. The floor finish extends under the countertop and cabinetry; and
3. The walls behind and surrounding the countertop and cabinetry are finished.

Note: The wall in the Figures 1103.11.2.5.1(A) and 1103.11.2.5.1(B) would be jogged to indicate the additional 4 inch control clearance in the new Figure 607.2.1

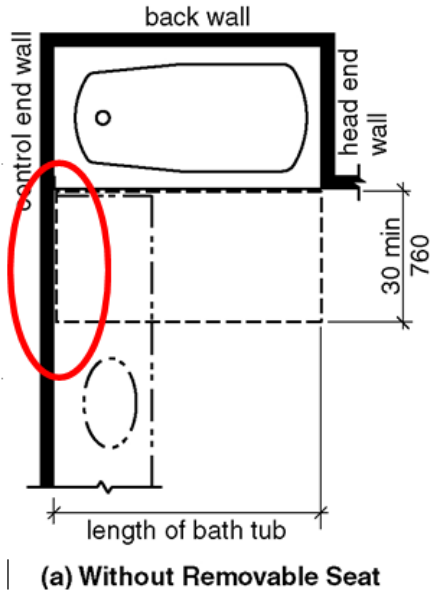


Figure 1103.11.2.5.1(A)
CLEARANCE FOR BATHTUBS IN TYPE A UNITS WITH REMOVABLE SEATS

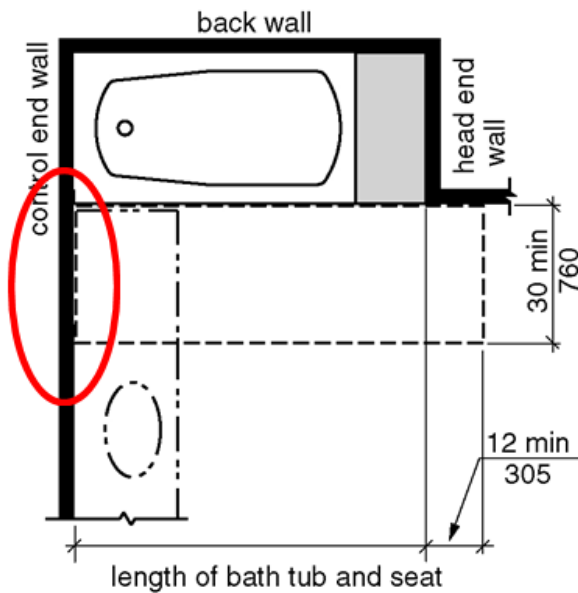


Figure 1103.11.2.5.1(B)

CLEARANCE FOR BATHTUBS IN TYPE A UNITS WITH PERMANENT SEATS

REASON: Based on anthropometry, the provision of toe space past the control end of the fixture accomplishes realistic reach of the control for 90% of persons measured. In existing buildings “technical infeasibility” provides an exception for difficult situations.

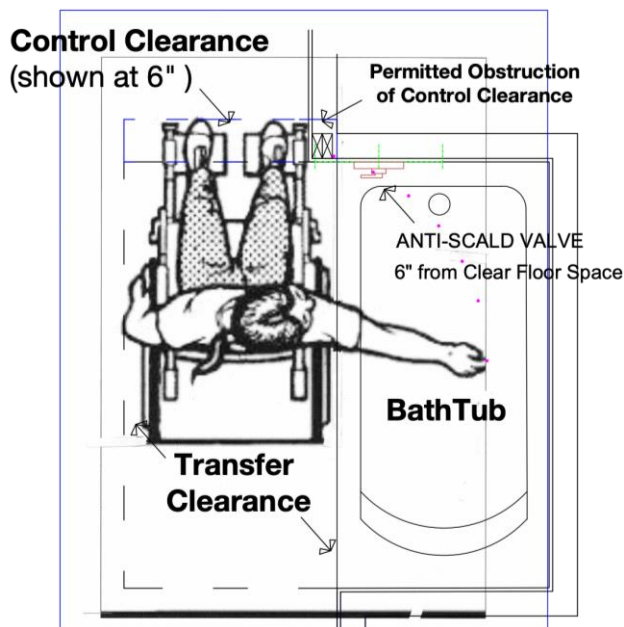
06-40 – 2021 Modification

607.2, 607.3(New), 607.5, Figures 607.2(A), 607.2(B), 607.3(New), 607.5, 1103.2.5.1(A), 1103.2.5.1(B)

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self

Further revise as follows:

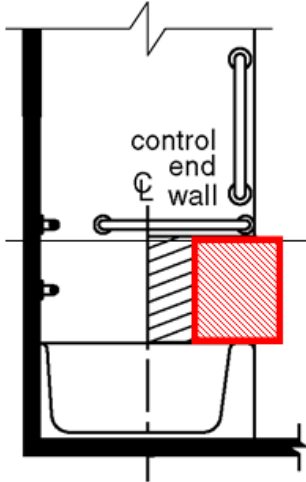
607.3 Control Clearance. The clear floor space for toe clearance complying with Section 306.2 at the controls shall extend 4-6 inches (100-152 mm) minimum beyond the control end wall. An obstruction by the control wall of 4 inches (102 mm) maximum shall be permitted.



Note: This is a replacement figure. The clear floor space location was revised in the figure, but the location of the valve does not match the text in Section 607.5.

FIGURE 607.3
CLEARANCE FOR BATHTUBS CONTROLS

607.5 Controls. Controls, other than drain stoppers, located between the bathtub rim and grab bar, and the centerline of the control valve shall be located ~~controls measured from the approach side of the bathtub shall be located 5 inches (127 mm) minimum and~~ 9 inches (229 mm) maximum from the clear floor space. Controls shall comply with Section 309.4.



Note: The area for the controls in Figure 607.5 would be revised to the smaller area indicated in the revised text. 9" is from the clear floor space, not from the front of the tub.

**FIGURE 607.5
LOCATION OF BATHTUB CONTROLS**

Reason:

1. Conforms “toe space” with prior use of the term in Sec. 306.2.
2. Allows intrusion of wall framing without interfering with user’s toes
3. Allows for plumbing valves & piping in typical use.

Staff note: This requirement would apply to Accessible and Type A units.

Committee Action: AS AM D

607.2-HIRSCH.doc

Report for 06-40- 2021		
Committee decision: AS/AM/D	Committee Vote at Meeting:	Committee Vote on Ballot:
REPORT OF HEARING:		
Modification (if any):		
Committee Reason:		
PUBLIC COMMENT- FIRST DRAFT:		
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Desired Action:		
Modification:		
Reason:		
Committee decision: AS/AM/D	Committee Vote at Meeting:	Committee Vote on Ballot:
REPORT OF HEARING – FIRST DRAFT		
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Committee Reason:		
PUBLIC COMMENT- SECOND DRAFT:		
Proponent:		

Report for 06-40- 2021

Desired Action:

Modification:

Reason:

Committee decision: AS/AM/D

Committee Vote at Meeting:

Committee Vote on Ballot:

FINAL ACTION:

Modification (if any):

Committee Reason:

06-59 – 2021

608.2.1.2, 608.2.1.2.1, 608.2.1.3(New), 608.4.1, Figures 608.2.1.2(A), 608.2.1.2(B), 608.2.1.2(C), 608.2.1.3(New), 608.4.1

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self; M. Bradley Gaskins, AIA; Gina Hillberry for United Cerebral Palsy; Joe Jurkiewicz, AIA; Marsha Mazz for United Spinal Association; Edward Steinfeld, Arch.D, AIA; and Steven R. Winkel, FAIA, PE, CASp

Revise as follows:

SECTION 608 SHOWER COMPARTMENTS

608.2.1.2 Transfer Clearance.

608.2.1.2.1 New buildings and facilities. In new buildings and facilities, a transfer clearance of 52 inches (1320 mm) minimum in length and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment. The length of the ~~clear floor space~~ transfer clearance shall be measured perpendicular from either the control wall or from 4 inches (100 mm) behind the control wall.

608.2.1.2.2 Existing buildings and facilities. In existing buildings and facilities, a transfer clearance of 48 inches (1220 mm) minimum in length measured perpendicular from the control wall, and 36 inches (915 mm) minimum in depth shall be provided adjacent to the open face of the compartment.

Note: The committee will need to decide if Figures 608.2.1.2(A), 608.2.1.2(B) and 608.2.1.2(C) should be revised to show the control clearance with the transfer clearance or if the control clearance should be in a separate Figure 608.2.1.3. The figure submitted indicates the clearance moving forward, not an addition 4 inch toe clearance as the text indicates.

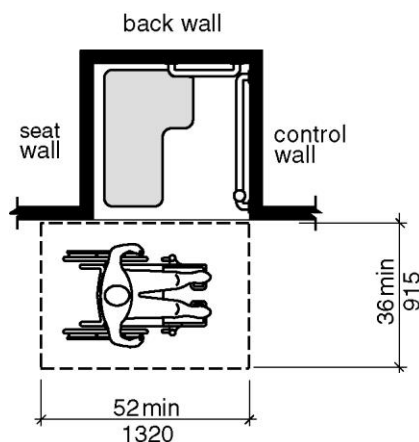


FIGURE 608.2.1.2(A)
TRANSFER-TYPE SHOWER COMPARTMENT TRANSFER CLEARANCES
NEW BUILDINGS –OPTION 1

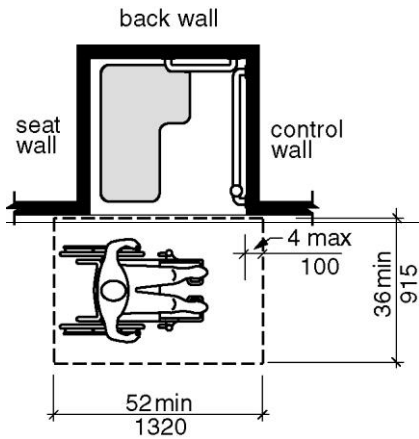


FIGURE 608.2.1.2(B)
TRANSFER-TYPE SHOWER COMPARTMENT TRANSFER CLEARANCES
NEW BUILDINGS - OPTION 2

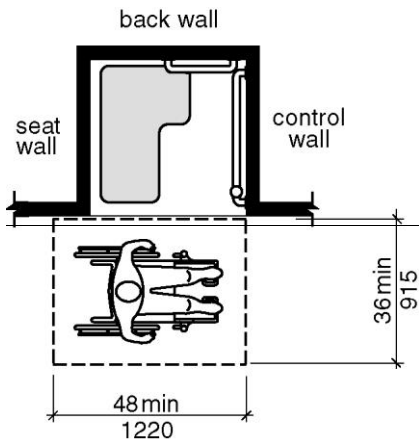


FIGURE 608.2.1.2(C)
TRANSFER-TYPE SHOWER COMPARTMENT TRANSFER CLEARANCES
EXISTING BUILDINGS

608.2.1.3 Control Clearance. The clear floor space for toe clearance at the controls shall extend 4 inches (100 mm) minimum beyond the control end wall.

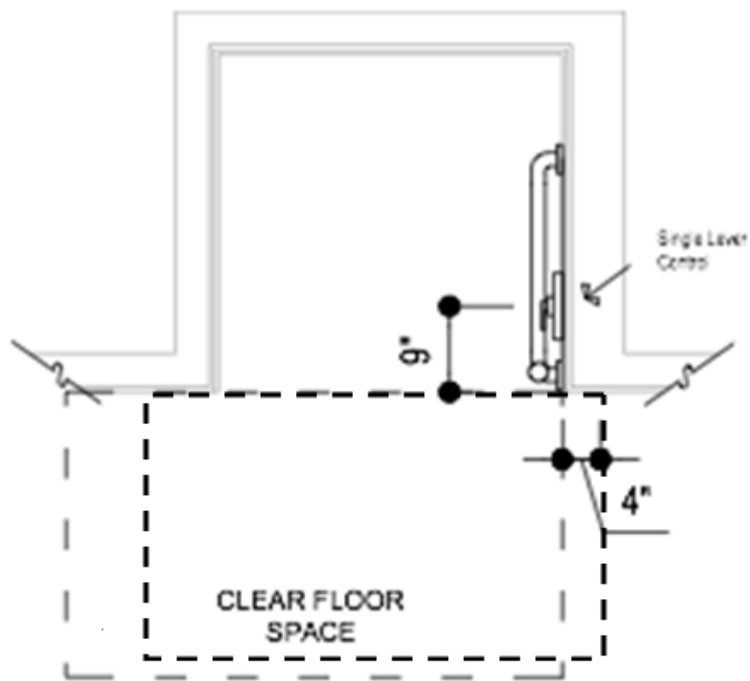


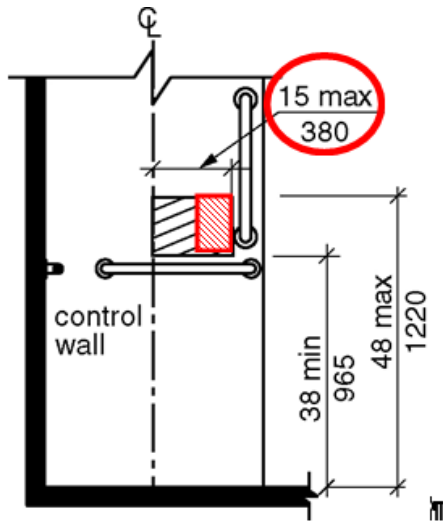
FIGURE 608.2.1.3
TRANSFER-TYPE SHOWER COMPARTMENT
CLEARANCES FOR SHOWER CONTROLS

608.4 Controls and hand showers. Controls and hand showers shall comply with Sections 608.4 and 309.4.

608.4.1 Transfer-type showers. In transfer-type showers, the controls and hand shower shall be located:

1. On the control wall opposite the seat.
2. At a height of 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor, and
3. 15 inches (380 mm) maximum, from the centerline of the control wall toward the shower opening. The centerline of controls measured from the approach side of the shower shall be located 5 inches (127 mm) minimum and 9 inches (229 mm) maximum from the clear floor space.

Note: The area for the controls in Figure 608.4.1 would be revised to the smaller area indicated in the revised text. Figure 608.3.1(B) indicates the vertical grab bar is 4 inches maximum to the center line of the bar. Section 609.2.1 indicates the diameter of the grab bar is 1-1/4" to 2". Since the control itself is past the control center line on both sides, the committee is requested to address the question of a possible overlap of the vertical grab bar with the controls.



**FIGURE 608.4.1
TRANSFER-TYPE SHOWER CONTROLS AND
HAND SHOWER LOCATION**

Note: The references from Accessible and Type A units are shown so that the committee is clear on how this proposal will affect unit requirements.

SECTION 1102 ACCESSIBLE UNITS

1102.11.2 Toilet and bathing facility. At least one toilet and bathing facility shall comply with Section 603. At least one lavatory, one water closet and either a bathtub or shower within the unit shall comply with Sections 604 through 610. These toilet and bathing fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the unit.

SECTION 1103 TYPE A UNITS

1103.11.2.5 Bathing fixtures. The bathing fixture shall be a bathtub complying with Section 1103.11.2.5.1 or a shower compartment complying with Section 1103.11.2.5.2.

1103.11.2.5.2 Shower. Showers shall comply with Section 608.

Exception: At standard roll-in shower compartments complying with Section 608.2.2, lavatories, countertops and cabinetry shall be permitted at one end of the clearance, provided the following criteria are met:

1. The countertop and cabinetry can be removed;
2. The floor finish extends under the countertop and cabinetry; and
3. The walls behind and surrounding the countertop and cabinetry are finished.

REASON: Based on anthropometry, the provision of toe space past the control end of the fixture accomplishes realistic reach of the control for 90% of persons measured

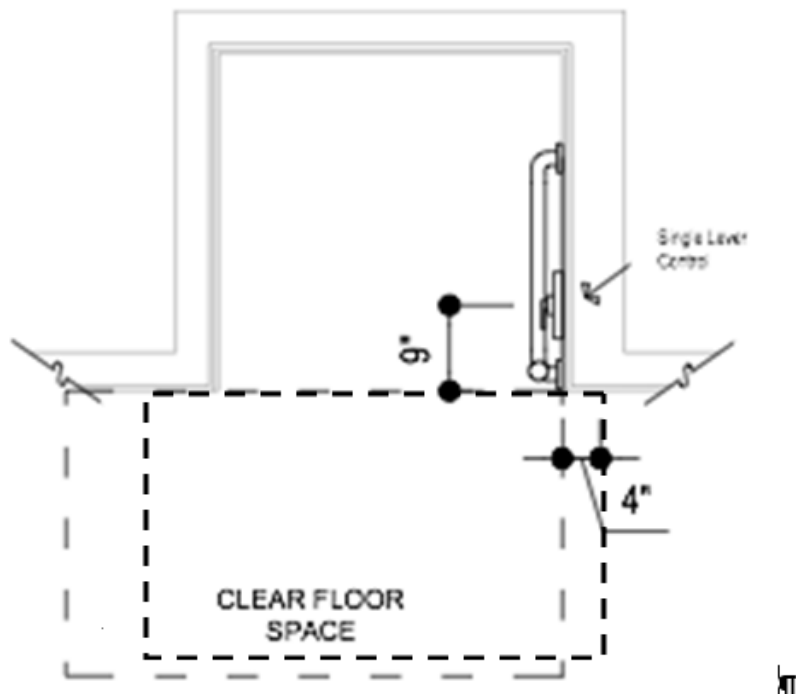
06-59 – 2021

608.2.1.2, 608.2.1.2.1, 608.2.1.3(New), 608.4.1, Figures 608.2.1.2(A), 608.2.1.2(B), 608.2.1.2(C), 608.2.1.3(New), 608.4.1

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self; M. Bradley Gaskins, AIA; Gina Hillberry for United Cerebral Palsy; Joe Jurkiewicz, AIA; Marsha Mazz for United Spinal Association; Edward Steinfeld, Arch.D, AIA; and Steven R. Winkel, FAIA, PE, CASp

Further revise as follows:

608.2.1.3 Control Clearance. The clear floor space for toe clearance complying with Section 306.2 at the controls shall extend 4-6 inches (~~100~~ 152 mm) minimum beyond the control end wall.



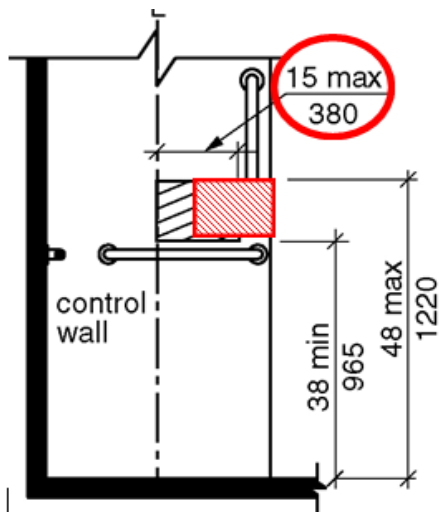
Note: Figure needs to show 6" instead of 4" offset

**FIGURE 608.2.1.3
TRANSFER-TYPE SHOWER COMPARTMENT
CLEARANCES FOR SHOWER CONTROLS**

608.4.1 Transfer-type showers. In transfer-type showers, the controls and hand shower shall be located:

1. On the control wall opposite the seat.
2. At a height of 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor, and
3. The centerline of controls measured from the approach side of the shower shall be located ~~5 inches (127 mm) minimum and~~ 9 inches (229 mm) maximum from the clear floor space.

Note: The area for the controls in Figure 608.4.1 would be revised to the smaller area indicated in the revised text. Figure 608.3.1(B) indicates the vertical grab bar is 4 inches maximum to the center line of the bar. Section 609.2.1 indicates the diameter of the grab bar is 1-1/4" to 2". Since the control itself is past the control center line on both sides, the committee is requested to address the question of a possible overlap of the vertical grab bar with the controls.



**FIGURE 608.4.1
TRANSFER-TYPE SHOWER CONTROLS AND
HAND SHOWER LOCATION**

Reason:

1. Conforms “toe space” with prior use of the term in Sec. 306.2
2. Allows for plumbing valves & piping in common use.

Staff note: This requirement would apply to Accessible and Type A units.

Committee Action: AS AM D

Figure 608.2.1-HIRSCH.doc

Report for 06-59- 2021		
Committee decision: AS/AM/D	Committee Vote at Meeting:	Committee Vote on Ballot:

Report for 06-59– 2021		
REPORT OF HEARING:		
Modification (if any):		
Committee Reason:		
PUBLIC COMMENT- FIRST DRAFT:		
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<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
FINAL ACTION:		
Modification (if any):		
Committee Reason:		

06-89 – 2021

613(New)

Proponent: Marsha Mazz, United Spinal Association

Add new text as follows:

SECTION 613 **PET WASH STATION**

613.1 Pet wash stations. Where provided for pet washing and grooming, sinks and tubs shall comply with Section 613.

613.1 Sinks. Sinks shall comply with Section 606.

613.2 Grooming Tubs. Grooming tubs shall provide clear floor space positioned for a forward or parallel approach complying with Section 305.

613.3 Operable parts. Operable parts of sinks, tubs, and at least one of each type of associated accessories shall comply with Sections 308 and 309.

EXCEPTION: Drain stoppers and debris filters shall not be required to comply with Section 613.3.

REASON: Pet washing stations have become ubiquitous in modern condo and apartment buildings as well as in community centers. Where applicable, the Design and Construction Requirements of the Federal Fair Housing Amendments Act require “common use” spaces to be accessible to individuals with disabilities (24 CFR part 100.205(c)(1)). Without measurable standards, pet wash stations will always be a point of contention and the level of accessibility required by enforcement officials and expected by potential litigants will vary widely.

Our proposed accessibility criteria are simple. By requiring operable parts to be accessible, we believe that the height of the tub wall will be controlled by the requirements for a reach over an obstruction. We have exempted those items that would normally be on the floor of the tub such as drain stoppers and filters for hair and other debris. Where accessories such as shampoo dispensers, hair dryers, and hooks for leashes are provided, we have asked for only one of each type to be accessible. We have carefully research product literature to ensure that multiple manufacturers provide compliant products.

Links to some product literature:

- <https://www.groomersbest.com/product-category/bathing-tubs/ada-compliant/>
- <https://www.dog-on-it-parks.com/ada-elite-pet-wash-station.html>
- https://www.directanimal.com/product/grooming/grooming-tubs/?utm_source=mv&utm_medium=paid&utm_campaign=intent&gclid=Cj0KCQjwjPaCBhDkARIsAISZN7S3QaIYngbxU4XhrGyXmoTkQscW2DaVNTcd13LxfiqCtQy8kb7A25QaAh0SEALw_wcB

06-89 – 2021 Modification

613(New)

Proponent: Kimberly Paarlberg, ICC

Further revise as follows:

SECTION 613 PET WASH STATION

613.1 Pet washing stations. Where provided for pet washing ~~and grooming, sinks and tubs such stations~~ shall comply with Section 613.

~~**613.1 Sinks.** Sinks shall comply with Section 606.~~

613.2 Grooming Pet washing Tubs. ~~Grooming~~ Pet washing tubs shall provide clear floor space positioned for a forward or parallel approach complying with Section 305.

613.3 Operable parts. The operable parts of the on/off water flow, temperature, and diverter controls ~~sinks, tubs, and at least one of each type of associated accessories~~ shall comply with Sections ~~308 and 309~~. Where a hand shower is provided, a mount to hold the hand shower shall be located complying with Section 308.

~~**EXCEPTION:** Drain stoppers and debris filters shall not be required to comply with Section 613.3.~~

Reason: The devices referenced in Masha’s reason statement could be considered a sink (because it has a drain). Since not all are raised, this could be interpreted as a shower. I have included a couple of examples below. These self wash stations are showing up in pet supply stores, apartment buildings and with car washes.

I find the current proposal confusing. If you make this be a required front approach by the reference to Section 606, the pan could be not deep enough to bath the dog, and the higher height makes harder for the dog to get up into the tub. You also need this station at a height that works for standing persons washing their dogs since there may be only one. Also, some people will interpret that ‘grooming’ is different than ‘bathing’. For example, when I take my dog to be groomed, it is getting his hair cut and his nails trimmed. (If there is a grooming counter in the room, that is a work counter and is addressed elsewhere.) I am not clear on what “associated accessories” would include (steps or ramps under the counter, a hook on the back wall to attach a lead, a shelf to hold towels), so this is too open for interpretation.

I am suggesting to delete the reference to sinks and just specifically address the pet washing station so we cover all types of pet washing stations. The revisions to Section 613.3 are for consistency with the language the committee approved for tubs and showers. A referenced for 309 sends you back to 308 for reach range, so you do not need that for faucets, but you would need it for the fixed mount.

Alternatively, we can consider this addressed with the approval of 06-35-21 (for deep sinks to have a side approach) and we do not need any of this.





Committee Action: AS AM D

613.1(NEW)-MAZZ.doc

Report for 06-89- 2021		
<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
REPORT OF HEARING:		
Modification (if any):		
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Desired Action:		
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Committee Reason:		

Report for 06-89- 2021

PUBLIC COMMENT- SECOND DRAFT:

Proponent:

Desired Action:

Modification:

Reason:

Committee decision: AS/AM/D

Committee Vote at Meeting:

Committee Vote on Ballot:

FINAL ACTION:

Modification (if any):

Committee Reason:

11-29 – 2021

1104.11.3.1.3, 1104.11.3.1.3.1, 1104.11.3.1.3.2, 1104.11.3.1.3.3, 1104.11.3.2.3.1; Figures 1104.11.3.1.3.1, 1104.11.3.1.3.2, 1104.11.3.1.3.3(A), 1104.11.3.1.3.3(B), 1104.11.3.2.3.1

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self; M. Bradley Gaskins, AIA; Gina Hillberry for United Cerebral Palsy; Joe Jurkiewicz, AIA; Marsha Mazz for United Spinal Association; Edward Steinfeld, Arch.D, AIA; and Steven R. Winkel, FAIA, PE, CASp

Revise as follows:

SECTION 1104 TYPE B UNITS

1104.11.3.1 Option A. *(no change)*

1104.11.3.1.3 Bathing fixtures. Where provided, a bathtub shall comply with Section 1104.11.3.1.3.1 ~~or 1104.11.3.1.3.2~~ and a shower compartment shall comply with Section ~~1104.11.3.1.3.2~~ 1104.11.3.1.3.3.

1104.11.3.1.3.1 Parallel approach to bathtubs. A transfer clearance of 60 inches (1525 mm) minimum in length and 48" (1220 mm) minimum shall be provided in front of bathtubs with a parallel approach. A clear floor space for toe clearance at the controls shall extend 4 inch (102 mm) minimum beyond the control end wall. Lavatories complying with Section 606 shall be permitted in the transfer and control clearance. ~~A lavatory complying with Section 1104.11.3.1.1 shall be permitted if a clearance 48" (1220 mm) in length and 30 inches (760 mm) minimum in width is provided in front of the bathtub.~~

Note: Replace Figure 1104.11.3.1.3.1 (a) and (b) with one figure. The new figure indicates the transfer clearance and the additional 4 inches required for the control clearance.

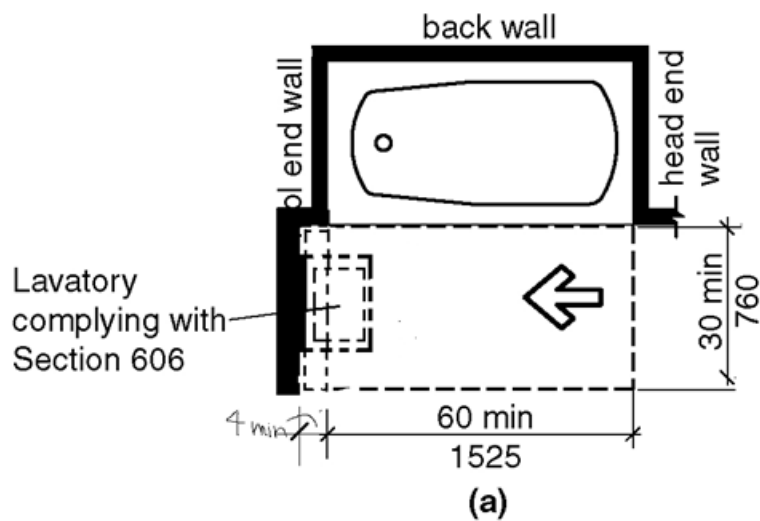
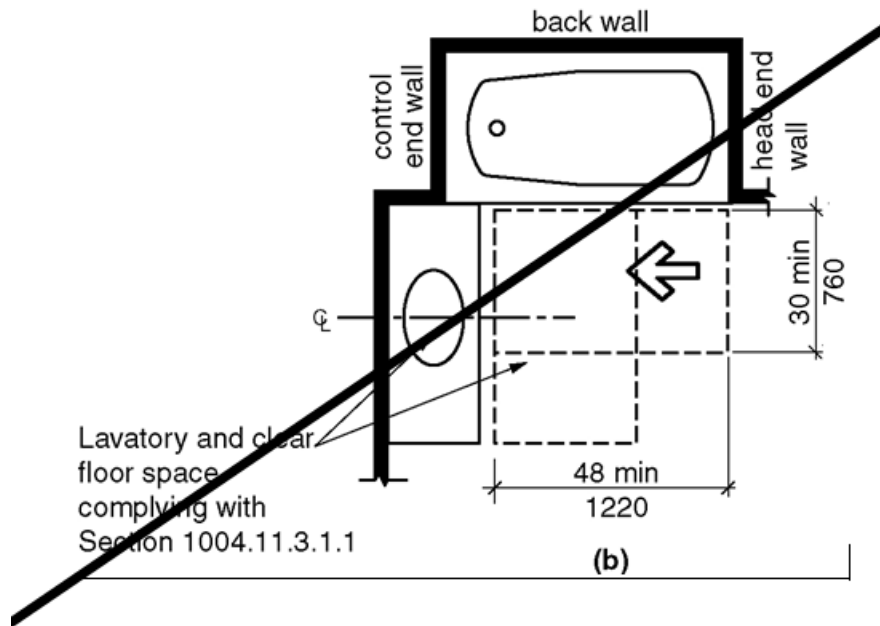
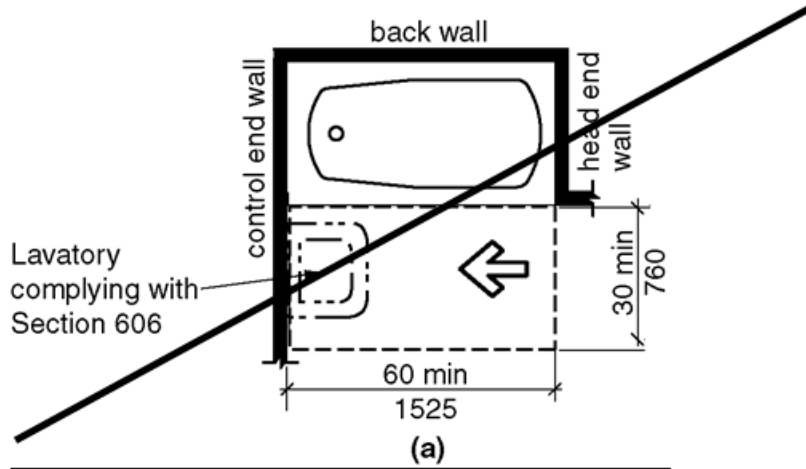


FIGURE 1104.11.3.1.3.1
PARALLEL APPROACH BATHTUB IN TYPE B UNITS - OPTION A BATHROOM

1104.11.3.1.3.2 Forward approach to bathtubs. A clearance of 60 inches (1525 mm) minimum in length and 48 inches (1220 mm) minimum shall be provided in front of bathtubs with a forward approach. A water closet and a lavatory shall be permitted in the clearance at the foot one end of the bathtub.

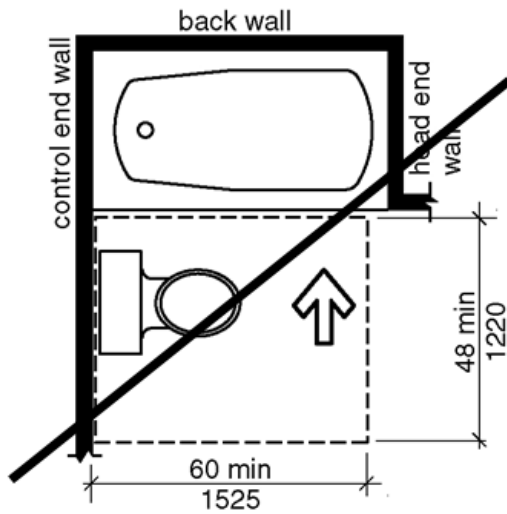


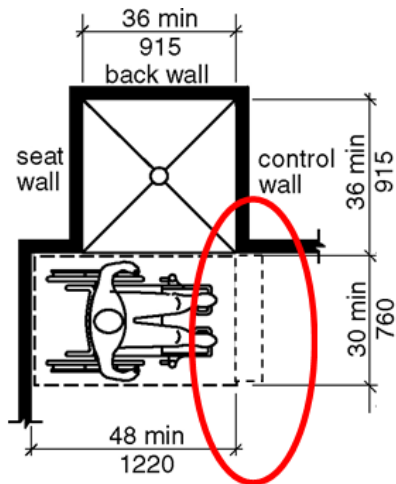
FIGURE 1104.11.3.1.3.2
FORWARD APPROACH BATHTUB IN TYPE B UNITS OPTION A BATHROOM

1104.11.3.1.3.2 1104.11.3.1.3.3 Shower compartments. If the shower compartment is the only bathing facility, the shower shall have dimensions of 36 inches minimum in width and 36 inches (915 mm) minimum in depth. A transfer clearance of 48 inches (1220 mm) minimum in length, measured perpendicular from the control wall, and 30 inches (760 mm) minimum in depth, measured from the face of the shower compartment, shall be provided. A clear floor space for toe clearance at the controls shall extend 4 inches (102 mm) minimum beyond the control end wall.

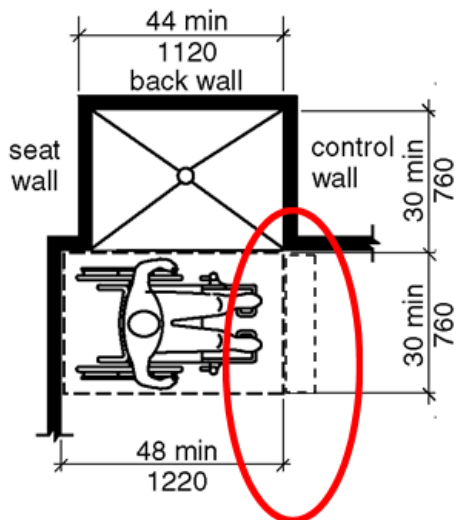
Exceptions:

1. A shower compartment with dimensions of 30 inches (760 mm) minimum in depth and 44 inches (1120 mm) minimum in width shall be permitted.
2. A shower door assembly shall be permitted where the assembly can be removed without removal or replacement of the surrounding walls and floor to which it is affixed.

Note: The figure will be revised to add the 4 inch minimum control clearance to Figures (a) and (b). This would also apply if there is a wall at the toe end of the clearance.



**FIGURE 1104.11.3.1.3.2 ~~1104.11.3.1.3.3~~ (A)
TRANSFER-TYPE SHOWER COMPARTMENT IN TYPE B UNITS**



**FIGURE 1104.11.3.1.3.2 ~~1104.11.3.1.3.3~~ (B)
TRANSFER-TYPE SHOWER COMPARTMENT IN TYPE B UNITS EXCEPTION**

1104.11.3.2 Option B. (no change)

1104.11.3.2.3 Bathing fixtures. The bathing fixture shall be a bathtub complying with Section 1104.11.3.2.3.1 or a shower compartment complying with Section 1104.11.3.2.3.2.

1104.11.3.2.3.1 Bathtub. A transfer clearance 48 inches (1220 mm) minimum in length measured perpendicular from the control end of the bathtub, and 30 inches (760 mm) minimum in width shall be provided in front of bathtubs. A clear floor space for toe clearance at the controls shall extend 4 inches (102 mm) minimum beyond the control end wall.

Note: Replace figure 1104.11.3.2.3.1 with the following. The figure will be revised to add the 4 inch minimum control clearance.

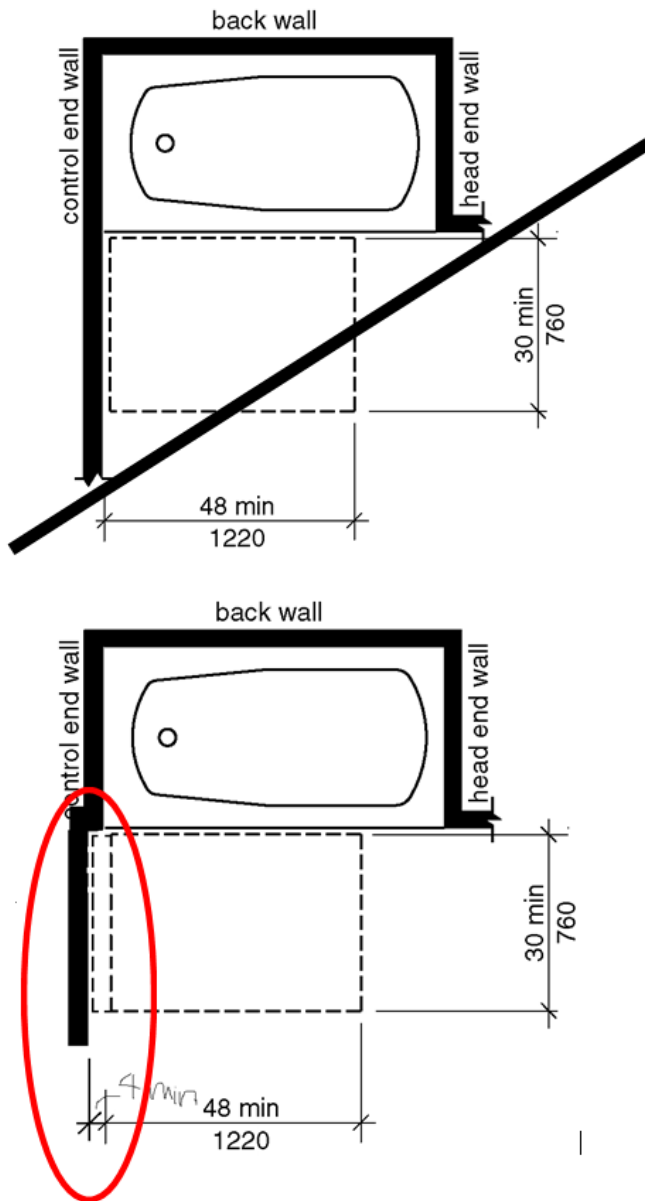


FIGURE 1104.11.3.2.3.1
BATHROOM CLEARANCE IN TYPE B UNITS OPTION B BATHROOM

1104.11.3.2.3.2 Shower compartment. A shower compartment shall comply with Section 1104.11.3.1.3.3.

REASON: Based on anthropometry, the provision of toe space past the control end of the fixture accomplishes realistic reach of the control for 90% of persons measured. The scoping change

will result in all showers in Type B units meeting Sec 608 and eliminates the preference for tubs. In existing buildings “technical infeasibility” provides an exception for difficult situations.

11-29 – 2021 Modification

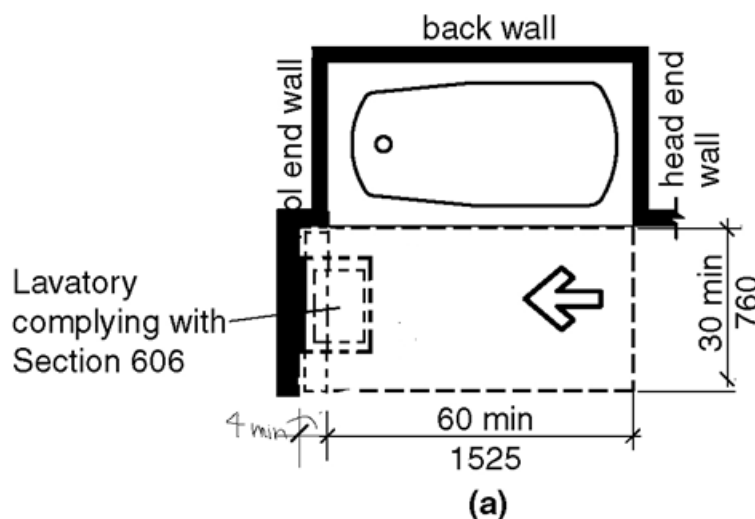
1104.11.3.1.3, 1104.11.3.1.3.1, 1104.11.3.1.3.2, 1104.11.3.1.3.3, 1104.11.3.2.3.1; Figures 1104.11.3.1.3.1, 1104.11.3.1.3.2, 1104.11.3.1.3.3(A), 1104.11.3.1.3.3(B), 1104.11.3.2.3.1

Proponent: Thomas Hirsch, FAIA, Hirsch Group Architecture, representing self

Further revise as follows:

1104.11.3.1.3.1 Parallel approach to bathtubs. A transfer clearance of 60 inches (1525 mm) minimum in length and 48” (1220 mm) minimum shall be provided in front of bathtubs with a parallel approach. A clear floor space for toe clearance complying with Section 306.2 at the controls shall extend 4–6 inch (~~402~~ 152 mm) minimum beyond the control end wall. An obstruction by the control wall of 4 inches (102 mm) maximum shall be permitted.

Note: Replace Figure 1104.11.3.1.3.1 (a) and (b) with one figure. The new figure indicates the transfer clearance and the additional 4–6 inches required for the control clearance. Also need to add 4” obstruction.



**FIGURE 1104.11.3.1.3.1
PARALLEL APPROACH BATHTUB IN TYPE B UNITS - OPTION A BATHROOM**

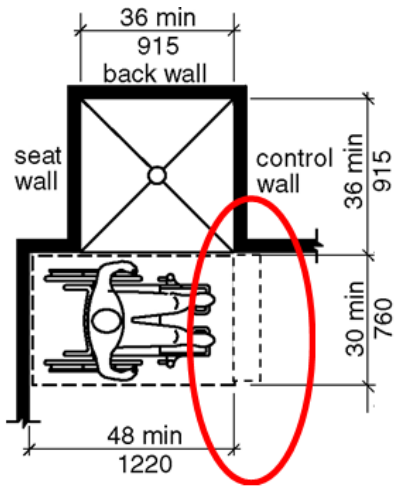
1104.11.3.1.3.2 Shower compartments. The shower shall have dimensions of 36 inches minimum in width and 36 inches (915 mm) minimum in depth. A transfer clearance of 48 inches (1220 mm) minimum in length, measured perpendicular from the control wall, and 30 inches (760 mm) minimum in depth, measured from the face of the shower compartment, shall be

provided. A clear floor space for toe clearance complying with Section 306.2 at the controls shall extend ~~4-6~~ inches (~~102~~ 152 mm) minimum beyond the control end wall.

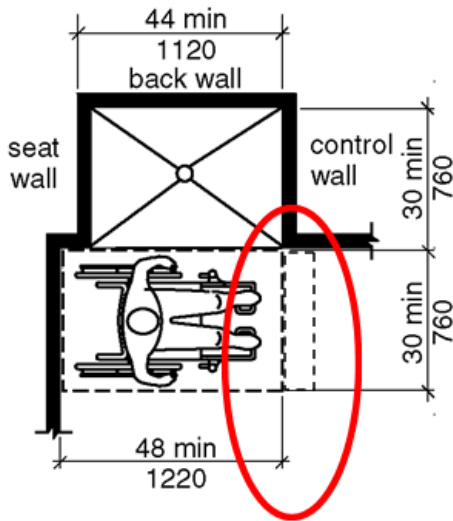
Exceptions:

1. A shower compartment with dimensions of 30 inches (760 mm) minimum in depth and 44 inches (1120 mm) minimum in width shall be permitted.
2. A shower door assembly shall be permitted where the assembly can be removed without removal or replacement of the surrounding walls and floor to which it is affixed.

Note: The figure will be revised to add the ~~4-6~~ inch minimum control clearance to Figures (a) and (b). This would also apply if there is a wall at the toe end of the clearance.



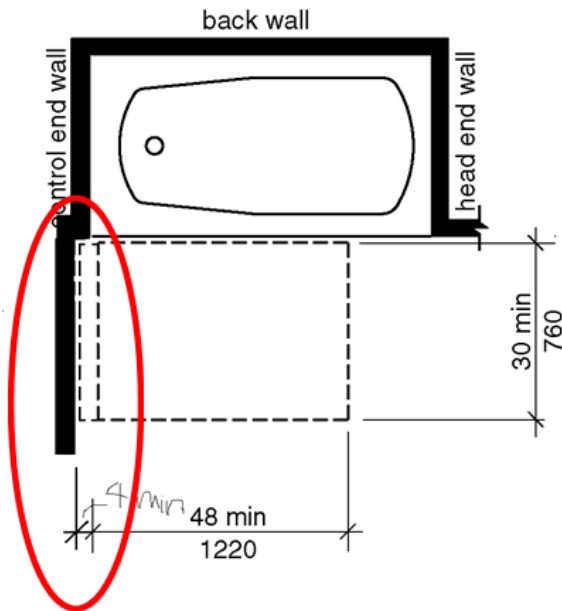
**FIGURE 1104.11.3.1.3.2 (A)
TRANSFER-TYPE SHOWER COMPARTMENT IN TYPE B UNITS**



**FIGURE 1104.11.3.1.3.2 (B)
TRANSFER-TYPE SHOWER COMPARTMENT IN TYPE B UNITS EXCEPTION**

1104.11.3.2.3.1 Bathtub. A transfer clearance 48 inches (1220 mm) minimum in length measured perpendicular from the control end of the bathtub, and 30 inches (760 mm) minimum in width shall be provided in front of bathtubs. A clear floor space for toe clearance complying with Section 306.2 at the controls shall extend 4-6 inches (402 152 mm) minimum beyond the control end wall. An obstruction by the control wall of 4 inches (102 mm) maximum shall be permitted.

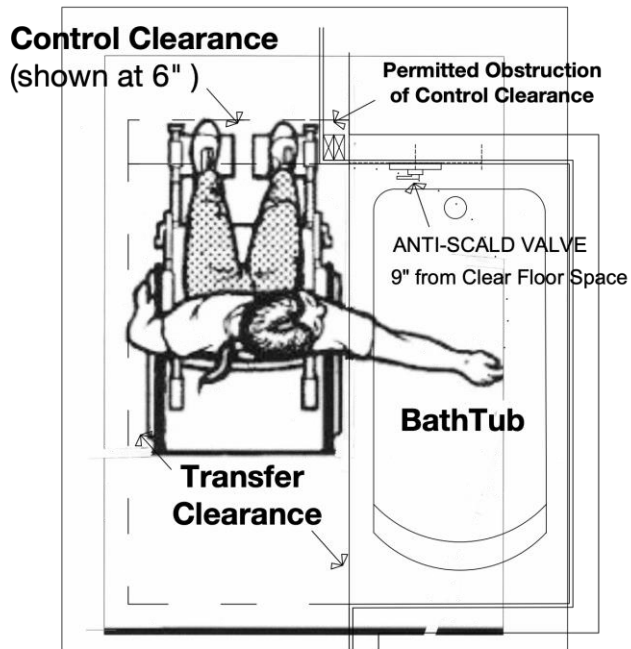
Note: Replace figure 1104.11.3.2.3.1 with the following. The figure will be revised to add the 4-6 inch minimum control clearance. Also need to add 4" obstruction.



**FIGURE 1104.11.3.2.3.1
BATHROOM CLEARANCE IN TYPE B UNITS OPTION B BATHROOM**

Reason:

1. Conforms “toe space” with prior use of the term in Sec. 306.2.
2. Allows intrusion of wall framing without interfering with user’s toes
3. Allows for plumbing valves & piping in typical use.



Note: Use this figure for guidance to revise figures

Committee Action: AS AM D

1104.11.3.1.3.3-HIRSCH.doc

Report for 11-29- 2021		
<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
REPORT OF HEARING:		
Modification (if any):		
Committee Reason:		
PUBLIC COMMENT- FIRST DRAFT:		
Proponent:		
Desired Action:		
Modification:		
Reason:		
<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
REPORT OF HEARING – FIRST DRAFT		
Modification (if any):		
Committee Reason:		
PUBLIC COMMENT- SECOND DRAFT:		
Proponent:		
Desired Action:		
Modification:		
Reason:		
<i>Committee decision: AS/AM/D</i>	<i>Committee Vote at Meeting:</i>	<i>Committee Vote on Ballot:</i>
FINAL ACTION:		
Modification (if any):		
Committee Reason:		