



BUILDING VALUE SINCE 1906

ACCESSIBILITY STANDARDS

- Notes:** 1. Comparison of five accessibility standards for certain requirements that affect public washroom design and specification.
 2. Each standard has its own exceptions and many more details which are too numerous to list in a chart format. Please refer to each standard before committing to a course of action.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Clear Floor Space					
At lavatories, urinals and accessories	30" wide x 48" length min.	30" wide x 48" length min.	30" wide x 48" length min.	Existing Buildings 30" wide x 48" length min. New Buildings 30" wide x 52" length min.	30" wide x 48" length min.
Operable Parts					
Other than Toilet Tissue Dispensers	15" min./48" max.	15" min./48" max.	48" max.	48" max.	40" max.
Toilet Tissue Dispensers	15" min./48" max.	15" min./48" max.	18" min./48" max.	18" min./48" max.	19" min./40"
Mounting Height Over Counters					
> 20" Deep	44" max.	44" max.	44" max.	44" max.	40" max.
< 20" Deep	48" max.	48" max.	48" max.	48" max.	40" max.
Wheelchair Turning Space					
Circular	60" min. dia.	60" min. dia.	60" min. dia.	Existing Buildings 60" min. dia. New Buildings 67" min. dia.	60" min. dia.
T-Shaped	60" min. square; 36" wide min. arms and base.	60" min. square; 36" wide min. arms and base.	60" min. square; 36" wide min. arms and base.	Existing Bldgs.: 60" min. square; 36" wide min. arms and base. New Bldgs.: 68" wide; 60" deep rectangle; 36" wide min. arms and base. Or, two 64" wide by 60" min. deep rectangular options with two arms 38" min. wide, base 42" min. wide, two arms, base 40" min. width.	60" min. square; 36" wide min. arms and base.
Accessible Lavatory					
Height	34" max.	34" max.	34" max.	34" max.	34" max.
Knee Clearance Height	27" min.	27" min.	27" min.	27" min.	27" min.
Knee Clearance Height	Extend 8" min. under front edge.	Extend 8" min. under front edge.			
Toe Clearance Height	9" min.	9" min.	9" min.	9" min.	9" min.
Toe Clearance Height	Extend 17" min. to 25" max. under lavatory.	Extend 17" min. to 25" max. under lavatory.	Extend 17" min. to 25" max. under lavatory.	Extend 17" min. to 25" max. under lavatory.	Extend 19" max. under lavatory.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Controls	Operable one hand, less than 5 lbs. force. Without tight grasping, pinching of the fingers, or twisting of the wrist.	Operable one hand, less than 5 lbs. force. Without tight grasping, pinching of the fingers, or twisting of the wrist.	Operable one hand, less than 5 lbs. force. Without tight grasping, pinching of the fingers, or twisting of the wrist.	Operable one hand, less than 5 lbs. force. Without tight grasping, pinching of the fingers, or twisting of the wrist.	Operable one hand, less than 5 lbs. force. Without tight grasping, pinching of the fingers, or twisting of the wrist.
Protruding Objects	At or below 27" project any amount. Between 27" and 80" above finish floor, protrude 4" max. Maintain required min. clear width of adjacent access aisle.	At or below 27" project any amount. Between 27" and 80" above finish floor, protrude 4" max. Maintain required min. clear width of adjacent access aisle.	At or below 27" project any amount. Between 27" and 80" above finish floor, protrude 4" max. Maintain required min. clear width of adjacent access aisle.	At or below 27" project any amount. Between 27" and 80" above finish floor, protrude 4" max. Maintain required min. clear width of adjacent access aisle.	At or below 27" project any amount. Between 27" and 80" above finish floor, protrude 4" max. Maintain required min. clear width of adjacent access aisle.
Mirrors					
Above Lavatories or Countertops	Reflecting surface bottom 40" max. above finish floor.	Reflecting surface bottom 40" max. above finish floor.	Reflecting surface bottom 40" max. above finish floor.	Reflecting surface bottom 40" max. above finish floor.	Reflecting surface bottom 40" max. above finish floor.
Not above Lavatories or Countertops	Reflecting surface bottom 35" max. above finish floor.	Reflecting surface bottom 35" max. above finish floor.	Reflecting surface bottom 35" max. above finish floor.	Reflecting surface bottom 35" max. above finish floor.	Reflecting surface bottom 35" max. above finish floor.
Toilet Compartments					
Wheelchair Accessible Front or Side Entrance	60" min. width. 56" min. depth wall-mounted toilet. 59" min. depth floor-mounted toilet. Toilet centerline 16"-18" side wall/panel. Toilet diagonally across from door.	60" min. width. 56" min. depth wall-mounted toilet. 59" min. depth floor-mounted toilet. Toilet centerline 16"-18" side wall/panel. Toilet diagonally across from door.	60" min. width. 56" min. depth wall-mounted toilet. 59" min. depth floor-mounted toilet. Toilet centerline 16"-18" side wall/panel. Toilet diagonally across from door.	60" min. width. 56" min. depth wall-mounted toilet. 59" min. depth floor-mounted toilet. Toilet centerline 16"-18" side wall/panel. Toilet diagonally across from door. Alternate Wheelchair Accessible Toilet Compartment with inswing door at end: 60" min. wide. 84" min. length.	60" min. width. Min. 60" wide: x 36" min. deep maneuvering space in front of toilet in compartment with side-opening door; x 48" min. deep maneuvering space in front of toilet in compartment with end-opening door. Toilet centerline 17"-18" side wall/panel Toilet diagonally across from door. Requires 92" - 95" long compartments, with inswinging doors
Large Wheelchair Accessible, Side Door, End of Room Alcove	60" min. wide. 96" min. length. In-swing door not overlap 56" x 60" clear floor space at toilet.	60" min. wide. 96" min. length. In-swing door not overlap 56" x 60" clear floor space at toilet.	60" min. wide. 96" min. length. In-swing door not overlap 56" x 60" clear floor space at toilet.	60" min. wide. 96" min. length. In-swing door not overlap 56" x 60" clear floor space at toilet.	60" min. wide. 96" min. length. In-swing door not overlap 56" x 60" clear floor space at toilet.
Ambulatory Accessible	60" min. depth. 35" min. to 37" max. width. Outswing, self-closing door. 6 or more* plumbing fixtures (toilets and urinals) in restroom require minimum one ambulatory accessible toilet compartment in addition to wheelchair accessible toilet compartment. *Minnesota 2 or more fixtures	60" min. depth. 35" min. to 37" max. width. Outswing, self-closing door. 6 or more plumbing fixtures (toilets and urinals) in restroom require minimum one ambulatory accessible toilet compartment in addition to wheelchair accessible toilet compartment.	60" min. depth 36" min./max. width. Outswing, self-closing door. 6 or more plumbing fixtures (toilets and urinals) in restroom require minimum one ambulatory accessible toilet compartment in addition to wheelchair accessible toilet compartment.	60" min. depth 35" min. to 37" max. Outswing, self-closing door 6 or more plumbing fixtures (toilets and urinals) in restroom require minimum one ambulatory accessible toilet compartment in addition to wheelchair accessible toilet compartment.	60" min. depth. 35" min. to 37" max. wide. Outswing, self-closing door. 6 or more plumbing fixtures (toilets and urinals) in restroom require minimum one ambulatory accessible toilet compartment in addition to wheelchair accessible toilet compartment.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Partition Toe Clearance	9" high min. above finish floor for adults. 12" high min. above finish floor for children front and one (open) side wheelchair accessible toilet compartments, exclusive of partition stile. Toe clearance must extend 6" min. beyond panel, door. Toe clearance not required in compartment greater than 66" wide, depth greater than 62" deep with wall-hung toilet or 65" deep with floor-mounted toilet.	9" high min. above finish floor for adults. 12" high min. above finish floor for children front and one (open) side wheelchair accessible toilet compartments, exclusive of partition stile. Toe clearance must extend 6" min. beyond panel, door. Toe clearance not required in compartment greater than 66" wide, depth greater than 62" deep with wall-hung toilet or 65" deep with floor-mounted toilet.	9" high min. above finish floor for adults. 12" high min. above finish floor for children front and one (open) side wheelchair accessible toilet compartments, exclusive of partition stile. Toe clearance must extend 6" min. beyond panel, door. Toe clearance not required in compartment greater than 66" wide, depth greater than 62" deep with wall-hung toilet or 65" deep with floor-mounted toilet.	12" high min. above finish floor both adults and children front and one (open) side wheelchair accessible toilet compartments, exclusive of partition stile. Toe clearance must extend 8" beyond panel door. Toe clearance not required in compartment greater than 68" wide, depth greater than 64" deep with wall-hung toilet or 67" deep with floor-mounted toilet.	9" high min. above finish floor for adults. 12" high min. above finish floor for children front and one (open) side wheelchair accessible toilet compartments, exclusive of partition stile. Toe clearance must extend 6" min. beyond panel, door. Toe clearance not required in compartment greater than 66" wide, depth greater than 62" deep with wall-hung toilet or 65" deep with floor-mounted toilet.
Door Openings:	32" min. clear width with door open 90 degrees.	32" min. clear width with door open 90 degrees.	32" min. clear width with door open 90 degrees.	32" min. clear width with door open 90 degrees.	32" min. clear width with door open 90 degrees. Door on side of an accessible toilet compartment, door opening shall provide a clear width of 34" min.
Toilet Seat Height, to Top of Seat	17" min. 19" max.	17" min. 19" max.	17" min. 19" max.	17" min. 19" max.	17" min. 19" max.
Grab Bars					
Diameter	1-1/4" min., 2" max. Ovals, rounded rectangles allowed. Measure mounting height to top of gripping surface.	1-1/4" min., 2" max. Ovals, rounded rectangles allowed. Measure mounting height to top of gripping surface.	1-1/4" min., 2" max. Ovals, rounded rectangles allowed. Measure mounting height to top of gripping surface.	1-1/4" min., 2" max. Ovals, rounded rectangles allowed. Measure mounting height to top of gripping surface.	1-1/4" min., 2" max. Ovals, rounded rectangles allowed. Measure mounting height to top of gripping surface.
Side Wall	42" min. length located 12" max. from rear wall. Extend 54" min. from rear wall.	42" min. length located 12" max. from rear wall. Extend 54" min. from rear wall.	42" min. length located 12" max. from rear wall. Extend 54" min. from rear wall.	42" min. length located 12" max. from rear wall. Extend 54" min. from rear wall.	42" min. length located 12" max. from rear wall. Extend 54" min. from rear wall.
Rear Wall (not required in ambulatory accessible compartment).	36" min. length. 24" min. length required on open side of toilet centerline.	36" min. length. 24" min. length required on open side of toilet centerline.	36" min. length. 24" min. length required on open side of toilet centerline.	36" min. length. 24" min. length required on open side of toilet centerline. Installed a max of 6" from corner and extending a minimum of 42" from corner	36" min. length. 24" min. length required on open side of toilet centerline.
Mounting Height	33" min. to 36" max. above finish floor.	33" min. to 36" max. above finish floor.	33" min. to 36" max. above finish floor.	33" min. to 36" max. above finish floor.	33" min. to 36" max. above finish floor.
Vertical Grab Bar	N/A	N/A	18" long min. vertical grab bar located 39" to 41" off the rear wall and beginning 39- 41" above the finish floor.	18" long min. vertical grab bar located 39" to 41" off the rear wall and beginning 39- 41" above the finish floor.	N/A
Accessories Adjacent to Grab Bars					
Above Grab Bar	No protruding accessory closer than 12" to top of grab bar.	No protruding accessory closer than 12" to top of grab bar.	No protruding accessory closer than 12" to top of grab bar.	No protruding accessory closer than 12" to top of grab bar.	No protruding accessory closer than 12" to top of grab bar.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Below Grab Bar	Space between grab bar and protruding accessory below shall be 1-1/2" min.	Space between grab bar and protruding accessory below shall be 1-1/2" min.	Space between grab bar and protruding accessory below shall be 1-1/2" min.	Space between grab bar and protruding accessory below shall be 1-1/2" min.	Space between grab bar and protruding accessory below shall be 1-1/2" min.
Behind Grab Bar	Not permitted Must have 1-1/2" clear space between inside of grab bar and panel, wall surface.	Not permitted Must have 1-1/2" clear space between inside of grab bar and panel, wall surface.	Recessed accessory permitted behind grab bar. Max. protrusion into 1-1/2 clear space behind grab bar is 1/4".	Recessed accessory permitted behind grab bar. Max. protrusion into 1-1/2 clear space behind grab bar is 1/4".	Not permitted. Must have 1-1/2" clear space between inside of grab bar and panel, wall surface.
Roll Toilet Tissue Dispenser					
Operation	Continuous flow dispensing required. Controlled delivery not allowed.	Continuous flow dispensing required. Controlled delivery not allowed.	Continuous flow dispensing required. Controlled delivery not allowed.	Continuous flow dispensing required. Controlled delivery not allowed.	Continuous flow dispensing required. Controlled delivery not allowed.
Location	Locate dispenser centerline 7" min., 9" max. in front of leading edge of toilet.	Locate dispenser centerline 7" min., 9" max. in front of leading edge of toilet.	Locate 24" min. and 42" max. from rear wall of toilet compartment.	Locate dispenser outlet 24" min. and 42" max. from rear wall of toilet compartment. Dispensers of two rolls not more than 5" dia. allowed, locate 7" min to 9" max from dispenser centerline to leading edge of toilet.	Locate dispenser centerline 7" min., 9" max. in front of leading edge of toilet.
Height					
Bottom of Lowest Toilet Tissue Dispenser Outlet	15" min. above finish floor.	15" min. above finish floor.	18" min. above finish floor.	18" min. above finish floor.	19" min. above finish floor.
Highest Toilet Tissue Dispenser Outlet	48" max. above finish floor.	48" max. above finish floor.	48" max. above finish floor.	48" max. above finish floor.	40" max. above finish floor.
Toilet Seat Cover Dispenser					
Highest Opening Mounting Height	48" max.	48" max.	48" max.	48" max.	40" max.
Lowest Opening Mounting Height	15" min. above finish floor.	15" min. above finish floor.	18" min. above finish floor.	18" min. above finish floor.	19" min. above finish floor.
Sanitary Napkin Disposal					
Highest Opening Mounting Height	48" max.	48" max.	48" max.	48" max.	40" max.
Lowest Opening Mounting Height	15" min. above finish floor.	15" min. above finish floor.	18" min. above finish floor.	18" min. above finish floor.	19" min. above finish floor.
Urinals					
Stall-Type or Wall-Hung	At least one with rim 17" max. above finish floor, 13 1/2" min. depth.	At least one with rim 17" max. above finish floor, 13 1/2" min. depth.	At least one with rim 17" max. above finish floor, 13 1/2" min. depth.	At least one with rim 17" max. above finish floor, 13 1/2" min. depth.	At least one with rim 17" max. above finish floor, 13 1/2" min. depth.
Flush Valve	48" max. height above finish floor. If reach for flush valve > 20", 44" max. height.	48" max. height above finish floor. If reach for flush valve > 20", 44" max. height.	48" max. height above finish floor. If reach for flush valve > 20", 44" max. height.	48" max. height above finish floor. If reach for flush valve > 20", 44" max. height.	44" max. height above finish floor.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Showers					
Transfer Shower Compartment Shower Seat	36" x 36" absolute inside dimensions with fixed or folding L Shaped shower seat on side wall opposite showerhead/controls.	36" x 36" absolute inside dimensions with fixed or folding L Shaped shower seat on side wall opposite showerhead/controls.	36" x 36" absolute inside dimensions with fixed or folding L Shaped shower seat on side wall opposite showerhead/controls.	36" x 36" absolute inside dimensions with fixed or folding L Shaped shower seat on side wall opposite showerhead/controls.	36" x 36" absolute inside dimensions with fixed or folding L Shaped shower seat on side wall opposite showerhead/controls.
Thresholds:	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.
Clear Floor Space in Front of Shower Compartment	36" wide x 48" length min.	36" wide x 48" length min.	36" wide x 48" length min.	36" wide, x 48" length min. for existing buildings. 36" wide x 52" length min. for new buildings.	36" wide x 48" length min.
Hand-Held Shower Head or Fixed Shower Head	Hand-held shower on hose required in healthcare and transient lodging facilities. Hose min. 59" long. Vertical slide bar for hand-held shower head optional.	Hand-held shower on hose required in healthcare and transient lodging facilities. Hose min. 59" long. Vertical slide bar for hand-held shower head optional.	Hand-held shower on hose required in healthcare and transient lodging facilities. Hose min. 59" long. Vertical slide bar for hand-held shower head optional.	Hand-held shower on hose required in healthcare and transient lodging facilities. Hose min. 59" long. Vertical slide bar for hand-held shower head optional.	Hand-held shower on hose required in healthcare and transient lodging facilities. Hose min. 59" long. Vertical slide bar for hand-held shower head optional.
Horizontal Grab Bars	33" to 36" top of gripping surface above finish floor. Two grab bars or single two-wall grab bar must be installed on walls next to and opposite shower seat.	33" to 36" top of gripping surface above finish floor. Two grab bars or single two-wall grab bar must be installed on walls next to and opposite shower seat.	33" to 36" top of gripping surface above finish floor. Two grab bars or single two-wall grab bar must be installed on walls next to and opposite shower seat.	33" to 36" top of gripping surface above finish floor. Two grab bars or single two-wall grab bar must be installed on walls next to and opposite shower seat.	33" to 36" top of gripping surface above finish floor. Two grab bars or single two-wall grab bar must be installed on walls next to and opposite shower seat.
Vertical Grab Bars	N/A	N/A	18" long min. vertical grab bar located on control wall, 4" max. from front edge, located 3" to 6" max. above horizontal grab bar.	18" long min. vertical grab bar located on control wall, 4" max. from front edge, located 3" to 6" max. above horizontal grab bar.	N/A
Roll-In Shower Compartments					
Size	30" wide x 60" long min.	30" wide x 60" long min.			
Clear Floor Space in Front of Roll-In Shower Compartment	30" wide min. x 60" long min.	36" wide min. x 60" long min.			
Thresholds:	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.	Max. 1/2" high.
Alternate Roll-in Shower compartment control locations	N/A	N/A	N/A	Controls on end wall adjacent to seat restricted to 16" min and 27" max from wall behind seat wall. Controls located on back wall across from seat restricted to 15" max from center line of seat, toward transfer space	N/A
Horizontal Grab Bars	33" to 36" top of gripping surface above finish floor. Grab bars to be installed 6" max. from corners.	33" to 36" top of gripping surface above finish floor. Grab bars to be installed 6" max. from corners.	33" to 36" top of gripping surface above finish floor. Grab bars to be installed 6" max. from corners.	33" to 36" top of gripping surface above finish floor. Grab bars to be installed 6" max. from corners.	33" to 36" top of gripping surface above finish floor. Grab bars to be installed 6" max. from corners.

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Vertical Grab Bars	N/A	N/A	N/A	18" long min. vertical grab bar located on control wall, 4" max. from front edge, located 3" to 6" max. above horizontal grab bar.	N/A
Folding Shower Seats					
Shape	Rectangular and L-Shaped seats allowed.				
Size	Length not specified. Rectangular seat, 15" to 16" wide. L-Shaped seat, L-Portion 22" to 23" deep, 14"-15" wide. Seat edge to compartment entry opening 3" max. Gap between seat and seat wall 2-1/2" max. Space between side edge of seat and adjacent wall 1-1/2" max.	Length not specified. Rectangular seat, 15" to 16" wide. L-Shaped seat, L-Portion 22" to 23" deep, 14"-15" wide. Seat edge to compartment entry opening 3" max. Gap between seat and seat wall 2-1/2" max. Space between side edge of seat and adjacent wall 1-1/2" max.	Length not specified. Rectangular seat, 15" to 16" wide. L-Shaped seat, L-Portion 22" to 23" deep, 14"-15" wide. Seat edge to compartment entry opening 3" max. Gap between seat and seat wall 2-1/2" max. Space between side edge of seat and adjacent wall 1-1/2" max.	Length not specified. Rectangular seat, 15" to 16" wide. L-Shaped seat, L-Portion 22" to 23" deep, 14"-15" wide. Seat edge to compartment entry opening 3" max. Gap between seat and seat wall 2-1/2" max. Space between side edge of seat and adjacent wall 1-1/2" max.	Length not specified. Rectangular seat, 15" to 16" wide. L-Shaped seat, L-Portion 22" to 23" deep, 14"-15" wide. Seat edge to compartment entry opening 3" max. Gap between seat and seat wall 2-1/2" max. Space between side edge of seat and adjacent wall 1-1/2" max.
Combination Bathtub Shower Units					
Clearance in front of bathtub	Length of bathtub; 30" wide min. for parallel approach.	Length of bathtub; 30" wide min. for parallel approach.	Length of bathtub; 30" wide min. for parallel approach.	Length of bathtub; 30" wide min. for parallel approach.	Length of bathtub; 30" wide min. for parallel approach; 48" wide min. for forward approach.
Horizontal Grab Bars	33" to 36" top of gripping surface above finish floor. At foot of tub grab bar extends 24" from front of tub. On back wall, two parallel horizontal grab bars; upper grab bar mounted 33" to 36" above finish floor, lower grab bar is mounted 8" to 10" above tub rim. In tubs with removable in-tub seat; back wall grab bar length is 24"; grab bar on head wall of tub extends 12" min. from front edge of tub.	33" to 36" top of gripping surface above finish floor. At foot of tub grab bar extends 24" from front of tub. On back wall, two parallel horizontal grab bars; upper grab bar mounted 33" to 36" above finish floor, lower grab bar is mounted 8" to 10" above tub rim. In tubs with removable in-tub seat; back wall grab bar length is 24"; grab bar on head wall of tub extends 12" min. from front edge of tub.	33" to 36" top of gripping surface above finish floor. At foot of tub grab bar extends 24" from front of tub. On back wall, two parallel horizontal grab bars; upper grab bar mounted 33" to 36" above finish floor, lower grab bar is mounted 8" to 10" above tub rim. In tubs with removable in-tub seat; back wall grab bar length is 24"; grab bar on head wall of tub extends 12" min. from front edge of tub.	33" to 36" top of gripping surface above finish floor. At foot of tub grab bar extends 24" from front of tub. On back wall, two parallel horizontal grab bars; upper grab bar mounted 33" to 36" above finish floor, lower grab bar is mounted 8" to 10" above tub rim. In tubs with removable in-tub seat; back wall grab bar length is 24"; grab bar on head wall of tub extends 12" min. from front edge of tub.	33" to 36" top of gripping surface above finish floor. At foot of tub grab bar extends 24" from front of tub. On back wall, two parallel horizontal grab bars; upper grab bar mounted 33" to 36" above finish floor, lower grab bar is mounted 8" to 10" above tub rim. In tubs with removable in-tub seat; back wall grab bar length is 24"; grab bar on head wall of tub extends 12" min. from front edge of tub.
Vertical Grab Bars	N/A	N/A	N/A	18" long min. vertical grab bar located on control wall, 4" max. from front edge, located 3" to 6" max. above horizontal grab bar.	N/A

Technical Requirements	ADAS 2010	2012 TAS	A117.1-2009	A117.1-2017	2019 CBC Title 24 Part 2, Chapter 11B
Soap Dishes					
Location	Recess on control wall, 38" min. to 48" max. above finish floor.	Recess on control wall, 38" min. to 48" max. above finish floor.	Recess on control wall, 38" min. to 48" max. above finish floor.	Recess on control wall, 38" min. to 48" max. above finish floor.	Recess on control wall, 40" max. above finish floor.
Medicine Cabinets					
Mounting height	Mount bottom edge of mirror 40" max. above finish floor.	Mount bottom edge of mirror 40" max. above finish floor.	Mount bottom edge of mirror 40" max. above finish floor.	Mount bottom edge of mirror 40" max. above finish floor.	Mount usable shelf 44" max. above finish floor.

ADA Recommended Children's Reach Ranges:					
	Forward or Side Reach		Ages 3 and 4	Ages 5 – 8	Ages 9 – 12
	High (Max.)		36"	40"	44"
	Low (Min.)		20"	18"	16"
			Ages 3 and 4	Ages 5 – 8	Ages 9 – 12
	Mounting Locations		12"	12 - 15"	15 - 18"
	Water Closet Centerline		11 - 12"	12 - 15"	15 - 17"
	Toilet Seat Height		18 - 20"	20 - 25"	25 - 27"
	Grab Bar Height		14"	14 - 17"	17 - 19"
	Toilet Tissue Dispenser Height				