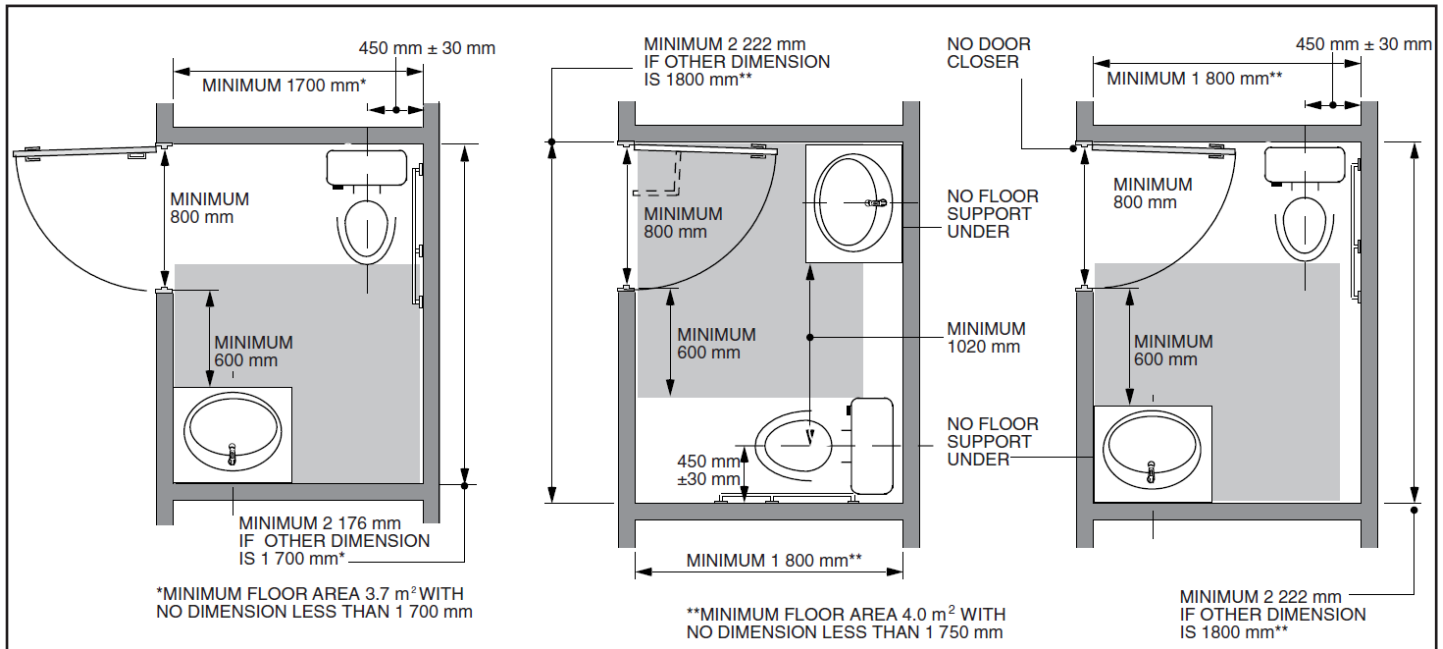


The purpose of this handout is to outline the necessary requirements to properly install an accessible washroom, accessible toilet compartment, accessible bathtubs, and showers.

Layout:

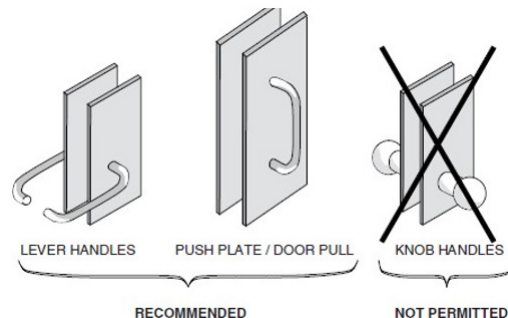


Suggested Toilet Room Layouts

Faucets:



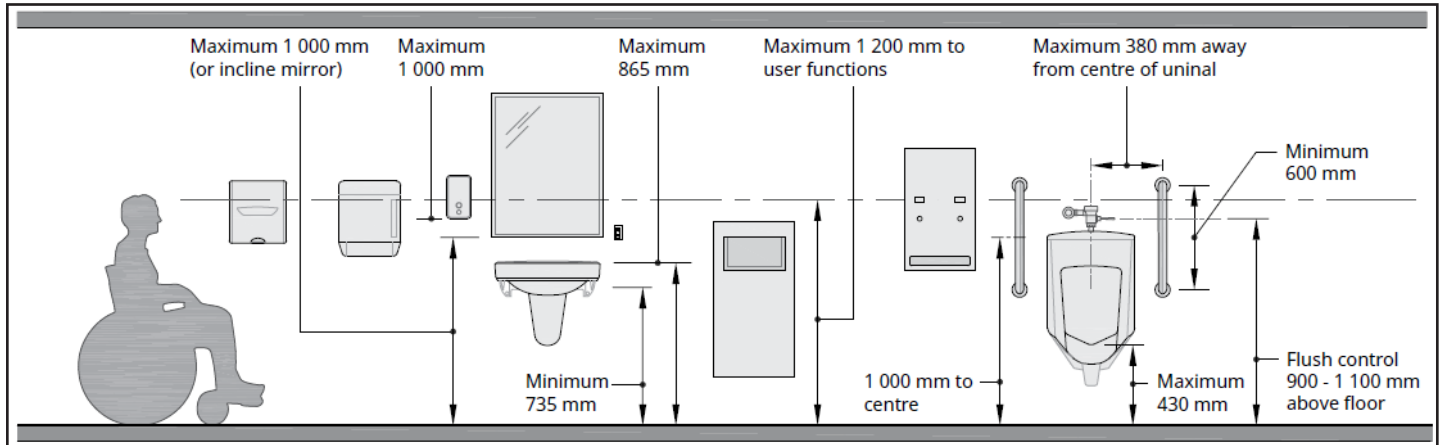
Door Handles:



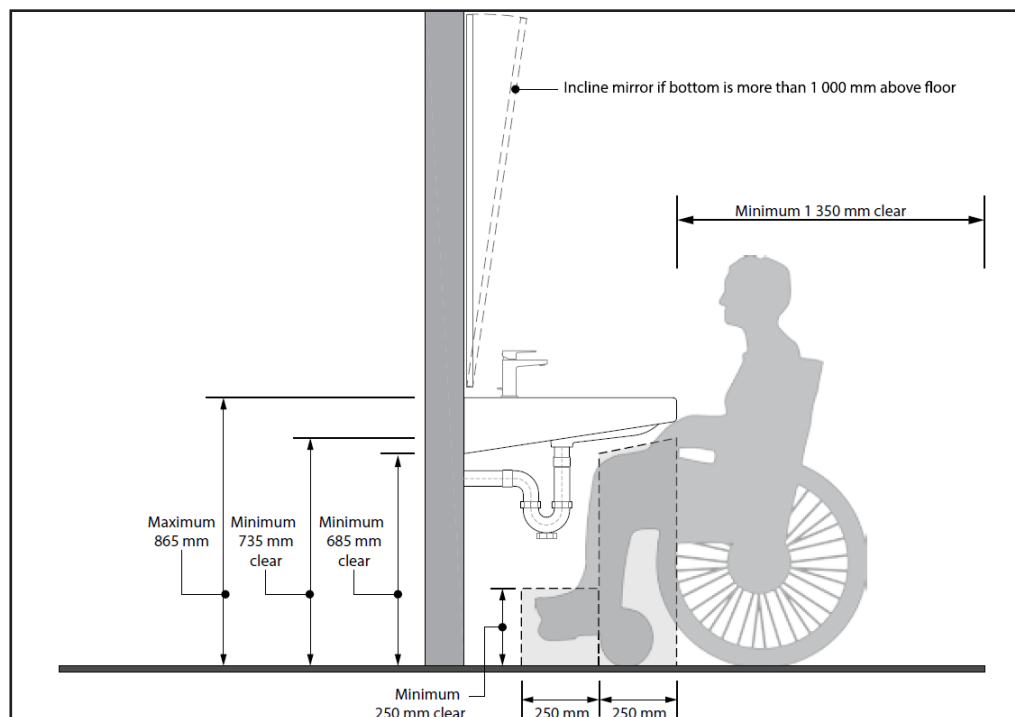
Examples of Signs:



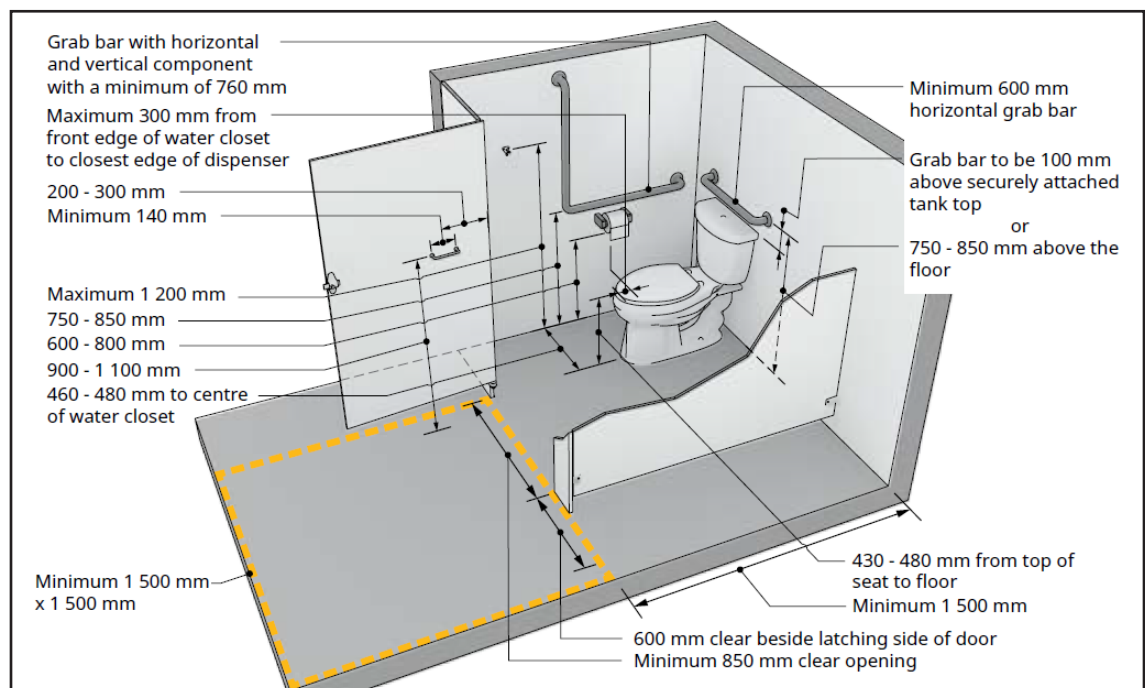
Accessories:



Clearance under Lavatory:

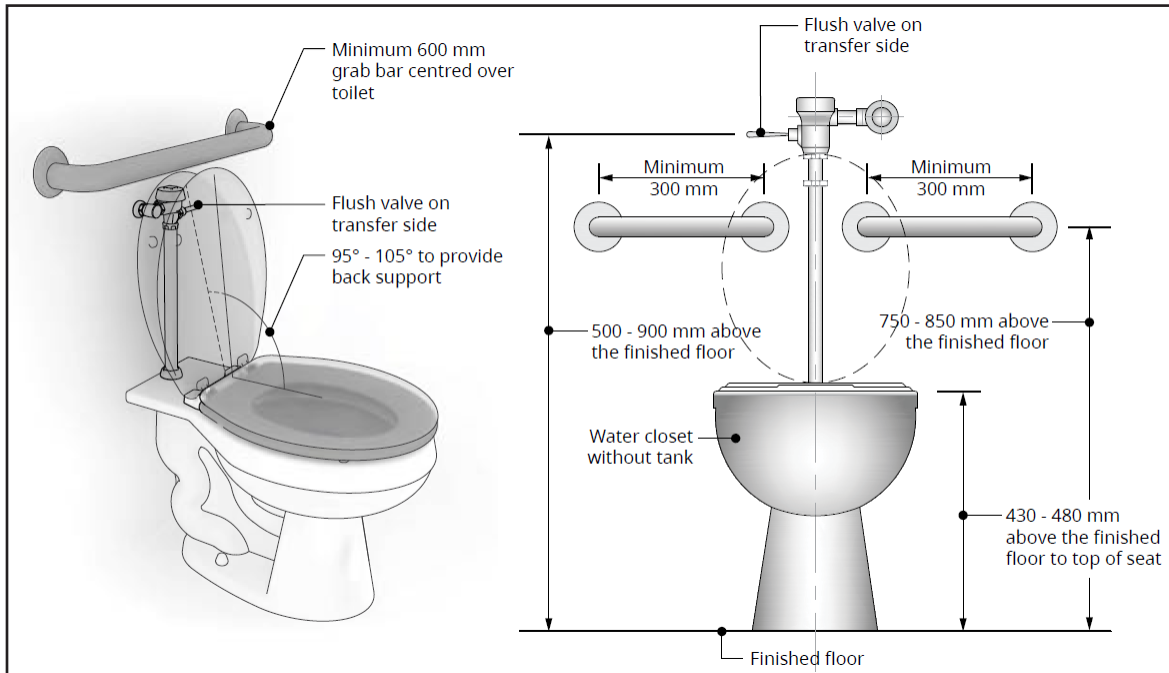


Toilet Compartment Code Standards:



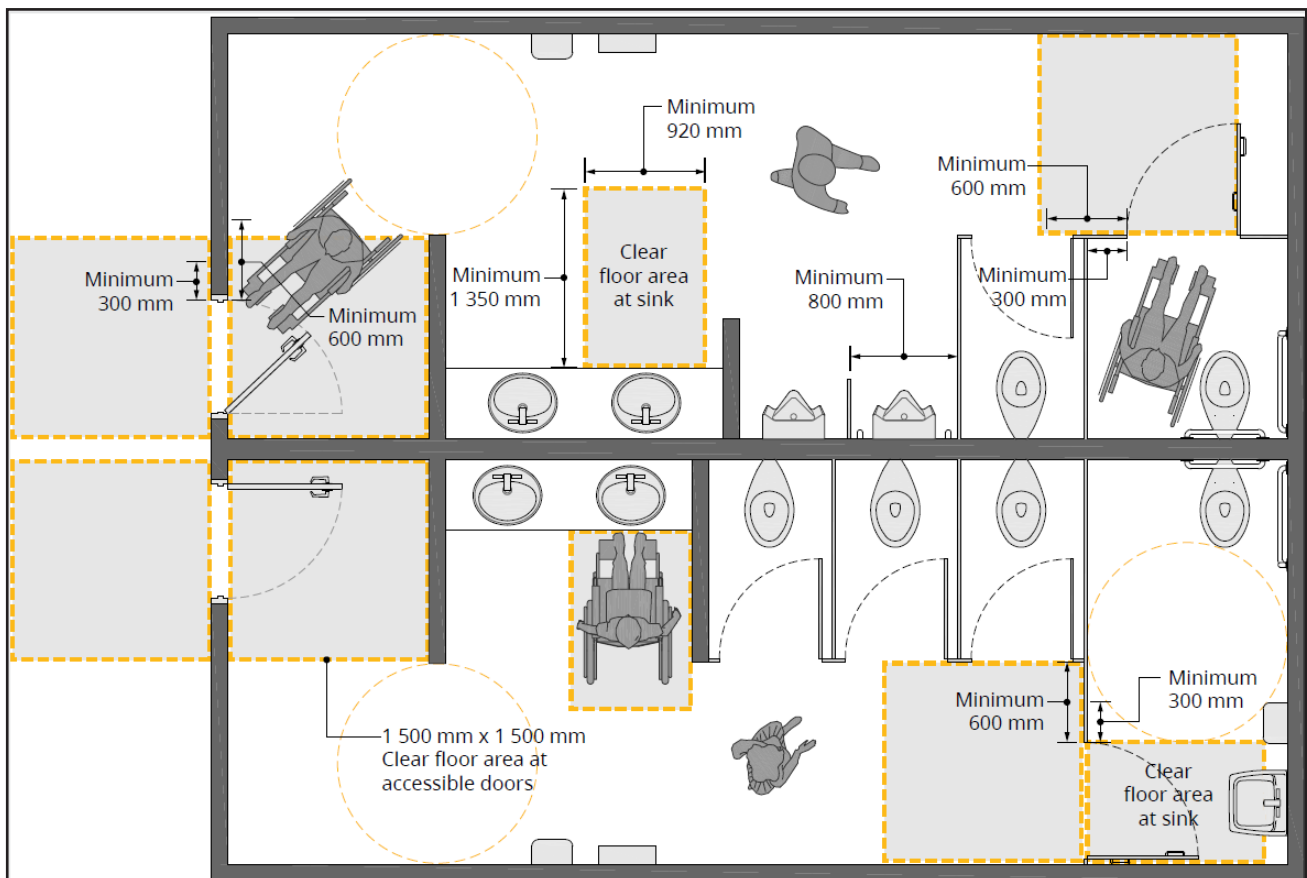
Water Closets in Public Washrooms:

When a water closet is installed in a washroom for public use, it shall be of the elongated type and provided with a seat of the open front type. Taken From Plumbing Code Article 2.2.2.5

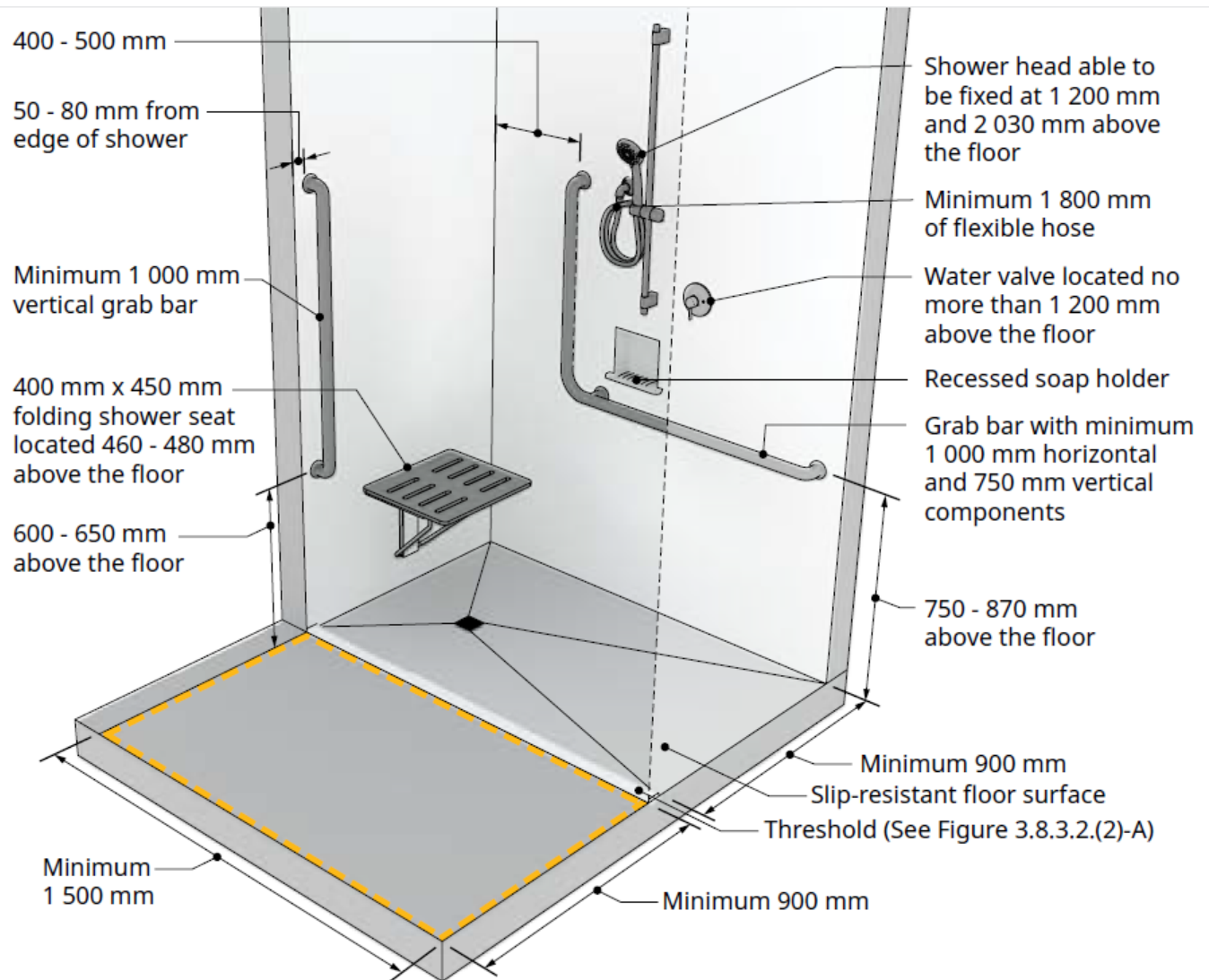


Washroom Clearances:

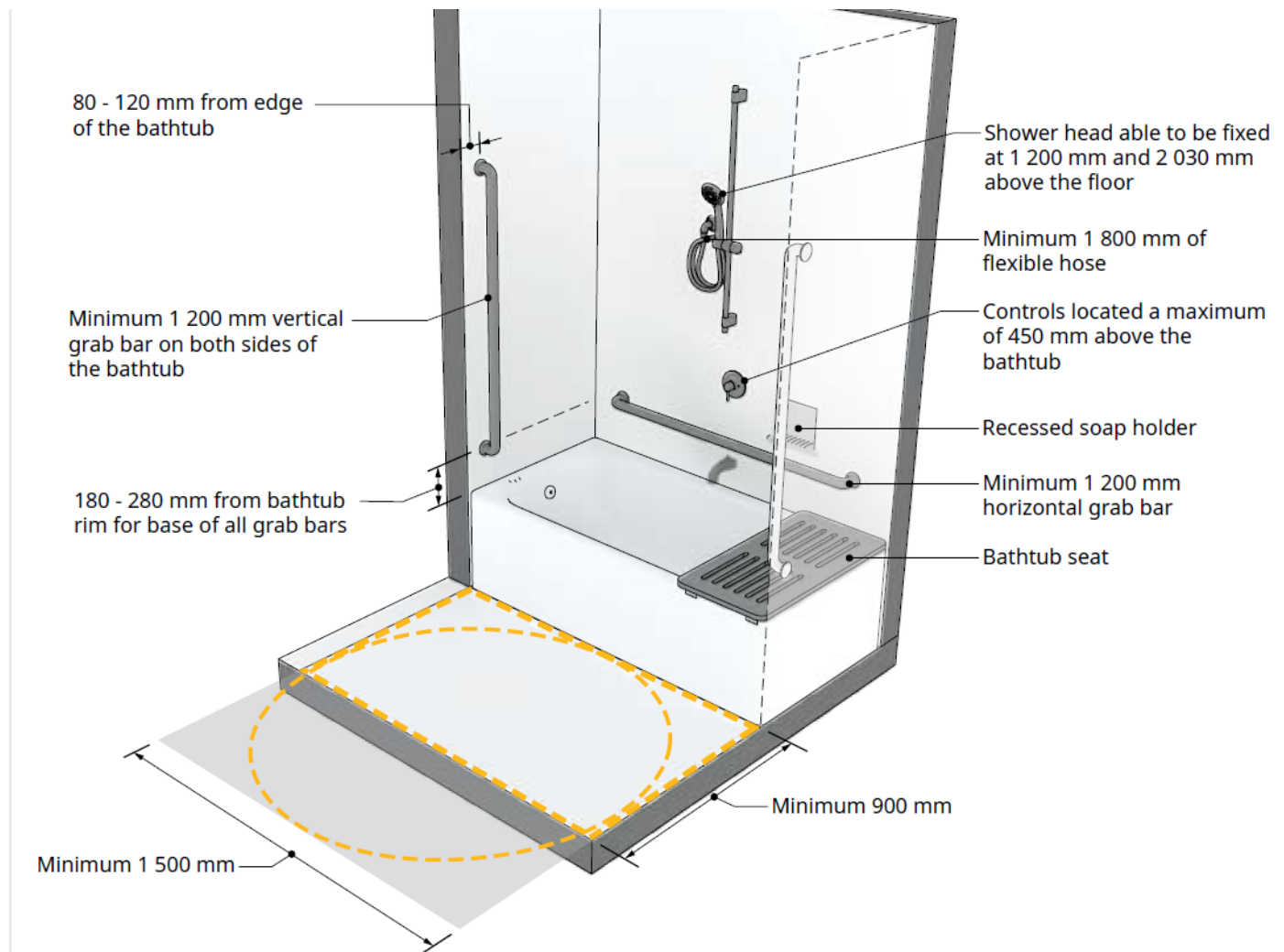
Within the washroom, sufficient space is required to allow persons in wheelchairs to move freely to and from the various accessible fixtures. The diagram below illustrates a washroom layout that meets the requirements.



Accessible Shower Requirements:



Accessible Bath Requirements:



All “Articles”, “Clauses” and “Sentences” cited below can be found in Part 3 of Division B of the 2018 BC Building Code which is available online for free: <https://free.bcpublications.ca/civix/content/public/bcbc2018/465649652/?xsl=/templates/browse.xsl>.

If you have any further questions or would like further clarification on Accessible Washrooms, please contact Building Department at 250-392-3351.

A Universal Toilet Room shall:

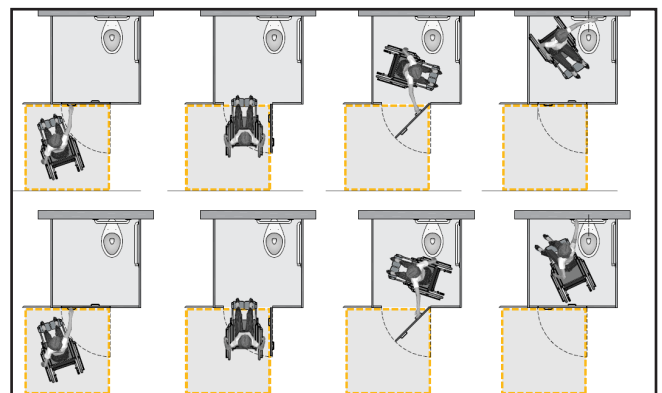
- Be served by an accessible path
- Have a floor space of not less than 3.7 sq. Metres. (40 sq. feet) with no dimension less than 1700mm when the door swings out
- Have a floor space of not less than 4.0 sq. Metres (43 sq. feet) with no dimension less than 1800mm when the door swings in.
- Have a door complying with Article 3.8.3.6 and 3.8.3.12. (1)(b)(i) and (ii)
- Have one lavatory and one mirror conforming to Article 3.8.3.15
- Have one water closet conforming to Article 3.8.3.13 and Clause 3.8.3.11.(1).(d) with a clear floor space at least 900mm wide that is parallel and adjacent to the open side of the water closet.
- Have grab bars conforming to Clauses 3.8.3.11.(1)(e) and (f)
- Have a coat hook conforming to Clause 3.8.3.11.(1)(g)
- Have a toilette paper dispenser conforming to Clause 3.8.3.11(1)(h)
- Have a shelf located not more than 1200mm above the floor with a usable surface of not less than 200mm by 400mm, unless counter space of not less than 200mm by 400mm is provided.

A Water Closet shall:

- Be located so that the distance between the centre line of the fixture and the wall on one side is 460mm to 480mm
- Be equipped with an L-shaped grab bar that is mounted on the side wall closest to the water closet, has vertical and horizontal components not less than 760mm long mounted with the horizontal component 750mm to 850mm above the floor and the vertical component 150mm in front of the water closet
- Be equipped with either one grab bar at least 600mm long and centred over the water closet, or two grab bars at least 300mm long and located either side of the flush valve
- Be equipped with a seat that is not the spring-up type located 430mm to 480mm above the floor.
- Flush automatically or be equipped with a flushing control that is located 500mm to 900mm above the floor and is located no more than 350mm from the transfer side and comply with Clause 3.8.3.8.(1)(c)
- Be equipped with a seat lid or other back support and where it has a tank, have a securely attached tank top.

The Code requires accessible water closet stalls to allow for transfer from a wheelchair to the water closet from the front, side, or at an angle. Figure 3.8.3.11.-B illustrates a side, or lateral, transfer sequence. The door should be offset from the water closet to assist those that prefer to reverse into the stall. Dividers that do not extend all the way to the floor can provide additional clearances for wheelchair footrests.

Figure 3.8.3.11.-B
Transfer Sequence



The minimum remaining 1020 mm clearance on the non-grab bar side of the stall allows for side transfer to and from the water closet. This clearance is minimal and greater clearance is recommended. It is important that no obstructions such as waste receptacles be in this space.

A Lavatory shall:

- Be equipped with faucets that comply with Sentence 3.7.2.3.(4)
- Be located to provide clear floor space in front of the lavatory of not less than 920mm wide by 1350mm deep centered on the lavatory
- Have a rim height not more than 865mm above the floor
- Have a clearance beneath the lavatory not less than 760mm wide, 735mm high at the front edge, 685mm high at a point 250mm back from the front edge, and 250mm high to a point 500mm back from the front edge
- Have insulated water supply and drain pipes where these pipes are exposed
- Have a soap dispenser that is automatic or complies with Clause 3.8.3.8.3(1)(c) and is located not more than 1100mm above the floor, within 500mm from the front of the lavatory
- Have a towel dispenser or other hand-drying equipment located close to the lavatory, with operating controls not more than 1200mm above the floor in an area that is accessible to persons using wheelchairs
- Mirrors shall be mounted with their bottom edge not more than 1000mm above the floor or fixed in an inclined position so as to be usable by a person using a wheelchair.

Toilette Compartments must:

- Be not less than 1500mm wide x 1500mm deep and have a clear floor space of not less than 1500mm by 1500mm in front of the accessible stall
- Be equipped with a self closing door that can be latched from the inside with a mechanism confirming to Clause 3.8.3.8.(1)(c), provide a clear opening not less than 850mm wide aligned with either the transfer space adjacent to the water closet or with a clear floor space not less than 1500mm by 1500mm within the stall.
- Have a door pull consisting of a “D” shaped handle located on the inside, mounted horizontally, visually contrasting not less than 140mm long such that its midpoint is 200mm to 300mm from the hinged side of the door and 900mm to 1100mm above the floor
- Have a door pull consisting of a “D” shaped handle located on the outside, mounted horizontally, visually contrasting not less than 140mm long such that its midpoint is 120mm to 220mm from the latch side of the door and 900mm to 1100mm above the floor
- Be equipped with an “L” shaped grab bar and additional grab bars as shown in the diagram.

BUILDING ACCESSIBILITY HANDBOOK 2020

Illustrated Commentary on Accessibility Requirements
British Columbia Building Code 2018



Office of Housing and
Construction Standards