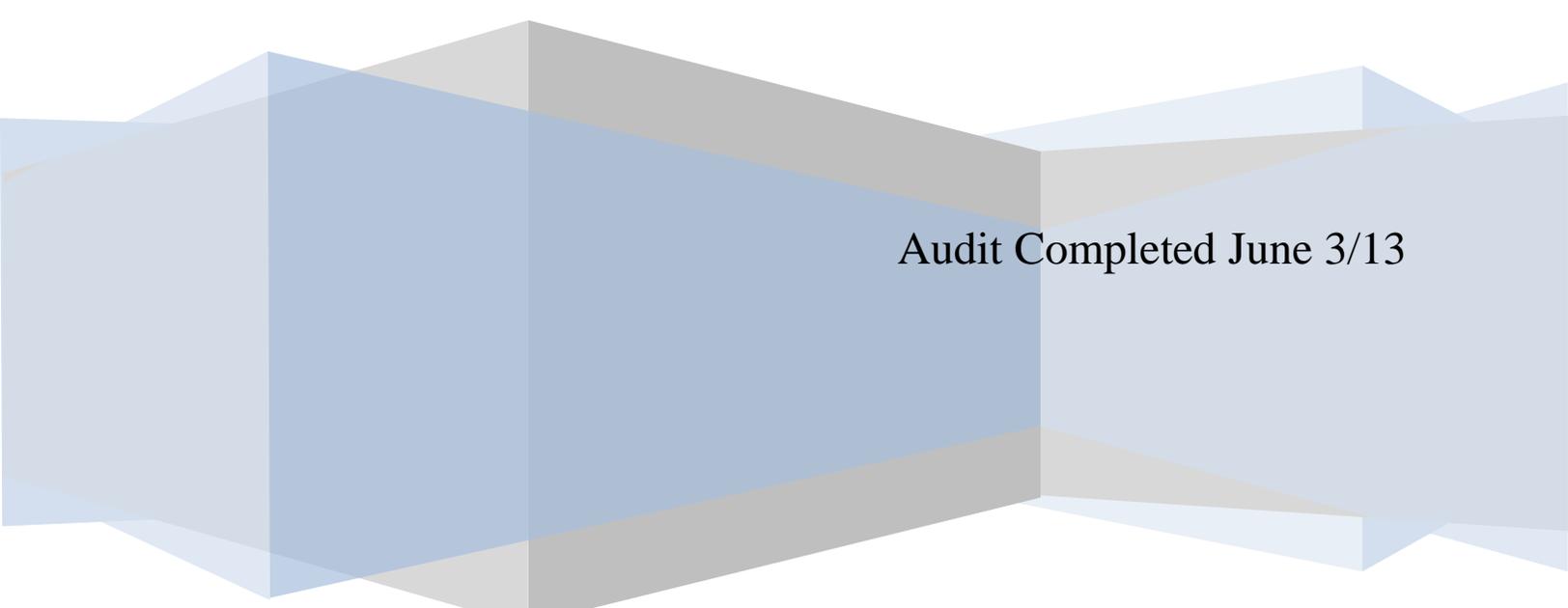


Breaking Down Barriers Independent Living Centre

Accessibility Audit Report for the Meaford Public Library

**Building Location: 15 Trowbridge Street, West
Meaford, Ontario N4L 1V4**

Audit Completed June 3/13



Accessibility Audit Report For the Meaford Public Library

The recommendations in this report are based on the CAN/CSA – B651-12 – Accessible Design for the Built Environment – A National Standard of Canada.

Audit Specifications

Recommendations

Public Parking:

- . One designated parking space is located in front of the Library (street parking) and is marked with the International Symbol of Access.
- . Access aisle is marked with diagonal markings and is located behind the designated parking space and is adjacent to a curb cut.
- . Designated post signage is located on the sidewalk adjacent to the parking space and measures 93.5" from the ground to the top of the sign.

- . **Recommend refreshing the paint to identify the designated parking spot. The parking space is in need of repair as it presents a trip hazard for individuals with mobility issues.**
- . **No recommendations required meets standard for street parking.**
- . **Recommend vertical sign be located between 59" to 79" from the ground to the centre of the sign.**

Path of Travel:

- . Pathway to the main entrance of the Library is a cement sidewalk.
- . Path wide enough to allow for wheeled mobility device use (36") and is wide enough for 2 wheeled mobility devices to pass (59").
- . Path is stable and firm.

- . **No recommendations required – meets standard.**
- . **No recommendations required – meets standard.**
- . **No recommendations required – meets standard.**

Audit Specifications

Path of Travel Cont'd:

- . Sufficient lighting and no glare.
- . Path maintained and snow removal is enforced.

Building Entrance/Lobby:

- . Main entrance to the Library is not Accessible due to stairs.
- . Accessible entrance is at the side of the building and is accessible by a ramp.
- . Signage indicating the location of the ramp is located on the street side of the building and measures 64" from the ground to the top of the sign and is marked with the International Symbol of Access and points in the direction of the ramp.
- . The ramp running slope has a ratio of 1:12 (8.33%). The ramp width is 45.5" with a level landing at the bottom and the top of the ramp. The surface is firm and slip-resistant and is maintained in the winter months. The railing is wrought iron and is continuous, graspable and measures 33" from the ramp to the top of the railing.
- . Power assisted door measures 36" in width in the open position and has a push handle.

Recommendations

- . **No recommendations required – meets standard.**
- . **No recommendations required – meets standard.**
- . **No recommendations required – meets standard.**
- . **Recommend signage be located at 59" from the ground to the centre of the sign.**
- . **No recommendations required – meets standard.**
- . **No recommendations required – meets standard.**

Audit Specifications

Recommendations

Building Entrance/Lobby Cont'd:

Power assisted control pad is located 32" from the door wall to the control pad and measures 34" from the landing to the centre of the control pad. Control pad is marked with the International Symbol of Access. The door remains open for a minimum of 5s. There is a level manoeuvring area at the entrance.

- . Inside entrance power assisted control pad is located 25" from the wall to the pad and measures 33" from the floor to the centre of the control pad. Control pad is marked with the International Symbol of Access.
 - . Threshold of the doorway is cement and is deteriorating.
 - . Path of travel measures 68" from the threshold to the wheeled book cart in the entrance.
 - . Threshold from entrance flooring to carpet measures under 1/2".
- . **No recommendations required - meets standard.**
 - . **Recommend detectable tape to indicate a hazard.**
 - . **No recommendations required - meets standard.**
 - . **No recommendations required - meets standard.**

Computer Stations/Customer Service/Library:

- . Door from side lobby to the front area of the Library measures 35" in width.
 - . Accessible computer station is available to the public with large computer screen, Keys U See Keyboard, BIGtrack track-ball.
- . **No recommendations required - meets standard.**
 - . **Recommend software for people who are blind (ie. Jaws-Screen Reader, Dragon Speak-Recognition Software).**

Audit Specifications

Recommendations

Computer Stations/Customer Service/ Library Cont'd:

- Computer keyboard shelf measures 26" from the floor to the top of the Shelf, which allows for knee clearance.
 - . The route from the computer station to the customer service counter measures 41" from the wooden shelf to the front counter.
 - . The first book shelf measures 62" from the shelf to the customer service counter.
 - . Customer service counter measures 39" from the floor to the top of the counter.
 - . Book shelving aisles range from 32" to 36" to 49" in width.
 - . Access to the staff office and washroom measures 24" from the service counter to the wall.
 - . Staff washroom is not accessible.
- . **No recommendations required - meets standard.**
 - . **No recommendations required - meets standard at 36".**
****Routes should be at least 59" wide to allow persons using mobility aids to pass****
 - . **No recommendations required - meets standard.**
 - . **Recommend seating space for persons in a wheelchair have a clear floor area not less than 29.5" x 47"; a forward approach for seating is preferred; counter surface should be at a height between 29" and 34" from the floor; a knee clearance should be at least 29.5" wide x 19" deep x 27" high.**
 - . **Recommend a minimum 36" wide accessible route. **Routes should be at least 59" wide to allow persons using mobility aids to pass****
 - . **Recommend a minimum 36" wide accessible route.**
 - . **See recommendations for Accessible washrooms (as per attached).**

Audit Specifications

Recommendations

Computer Stations/Customer Service/ Library Cont'd:

- . Flooring changes from carpet to tile, carpet to cement.
- . **Recommend detectable tape to indicate a change in the flooring.**

Reference Room:

- . Door measures 35" in width with knob handle.
- . **Recommend lever handle.**
- . Two tables and chairs are available. Chairs are easily moved to allow for wheeled mobility devices.
- . **No recommendations required - meets standard.**
- . Large print - book shelving measures 60" from the floor to the top of the book shelving.
- . **Recommend book shelving be located no higher than 47" and no lower than 16". Customer service is available at all times to assist.**
- . Book shelving measures 43" to the moveable shelving unit.
- . **No recommendations required - meets standard.**
- . Lap top computer chairs are available.
- . **No recommendations required - meets standard.**
- . Flooring is a low pile carpet.
- . **No recommendations required - meets standard.**

Public Washroom:

- . Public washroom is not accessible.
- . **See recommendations for accessible washrooms (as per attached).**
- . Door measures 27" in width with knob handle.
- . **Recommend a clear opening width of 32" with lever handle.**

Audit Specifications

Recommendations

Staircase to Second Level:

- . Caution tape is on each tread of the stair case for persons with low vision.
- . Treads measure 39" in width.
- . Wooden railing measures 36" from the tread to the top of the railing.
- . Landing has a low pile carpet and it continues on the remaining treads to the meeting room and Administration offices.

- . **No recommendations required - meets standard.**

Public Washroom:

- . Public washroom on the second level is not accessible.

- . **See recommendations for accessible washrooms (as per attached).**

History Room:

- . Door measures 33.5" in width with knob handle.
- . Table with chairs. Chairs are moveable.

- . **Recommend lever handle.**
- . **No recommendations required - meets standard.**

Administration Washroom:

- . Administration washroom is not accessible.

- . **See recommendations for accessible washrooms (as per attached).**

Audit Specifications

Recommendations

Children's Library (Basement Level):

- . Door to the basement level measures 27" in width with knob handle.
 - . Stair case measures 37" in width. Railing measures 36" from the treads to the top of the railing. Railing is graspable and is located 2" from the wall.
- . **Recommend a clear opening width with lever handle.**
 - . **No recommendations required - meets standard.**

4 Teens Room:

- . Door measures 33" with knob handle.
 - . Book shelving measures 65" from the floor to the top of the shelving.
 - . Flooring is cement with scatter rugs.
 - . Washroom is not accessible.
- . **Recommend lever handle.**
 - . **Recommend book shelving be located no higher than 47" and no lower than 16" in height.**
 - . **No recommendations required.**
 - . **See recommendations for accessible washrooms (as per attached).**

Recommendations for a Universal Washroom:

****Ideally, a universal washroom would accommodate a variety of users, including parent with children or a person with an attendant or spouse****

Signage:

- Pictograms and symbols should be colour-contrasted by at least 70% with their background and raised between .03" and .59" above the surface; sans serif; .6" to 1.9" in height; accompanied by Grade 1 Braille near the bottom edge of the sign;
- If used to identify a door, be mounted on the wall beside the latch edge of the door; be mounted with the horizontal centreline 59" \pm .9" from the floor and have a clear wall area around the sign at least 2.9" wide.

Washroom Door:

- The clear opening width of the doorway shall be at least 32";
- Threshold shall be not more than .5" high;
- Operating devices such as handles, pulls, latches, or locks shall be mounted between 32" and 47" from the floor;
- Lever handles and push plate/door pull are recommended;
- Power-assisted doors with the controls being located along the route of travel; be clearly visible before reaching the door; have a clear floor area of 30" x 47" in front of them; controls at a height between 32" and 47" from the floor and are identified with the International Symbol of Access;
- Have a locking mechanism that is capable of being unlocked from the outside in an emergency situation; and have either a closer, spring-type or gravity hinge; or D-type pull at least 5.5" long, mounted horizontally on the inside of an out-swinging door with its centreline located between 32" and 39" from the floor.

Floor Area:

- Provide a clear area of at least 59" x 59"

Lavatory:

- Lavatory be mounted with the centreline at least 18" from a side wall;
- Have the top located between 32" and 34" from the floor;
- Have a knee clearance centred on the lavatory at least 30" wide x 8" deep x 27" high with an additional toe clearance at least 30" wide x 9" deep x 9" high;

Recommendations for Accessible Washroom Cont'd:

- Have a clear floor area on the lavatory at least 30" x 47", of which not more than 19" may be under the lavatory; and
- Have hot water and drain pipes offset to the rear

A lavatory counter with a front apron shall have a knee clearance centred on the lavatory at least 30" wide x 28" high.

- Faucets should be single lever handle, automatic faucet or long lever handles.

Accessories:

Accessories such as towel dispensers and waste receptacles should be placed close to the lavatory and not protrude into the route of travel (see attached illustration).

- Mirrors shall be mounted with its bottom edge not more than 40" from the floor. Tilted mirrors should not be used.
- Soap dispensers shall be located within a 20" reach of a person seated at the lavatory and be no higher than 43" and operable with one hand to dispense soap on the palm of that hand.
- Include a shelf or counter at 7.87" x 15" and include a coat hook mounted on a side wall at a height not more than 47" from the floor and protruding not more than 1.5" from the wall.
- Where a change bench is provided, it should be located on an accessible route; have an adjacent clear floor area at least 35" wide the whole length of the bench; be at least 31" wide x 72" long; have the top surface between 19" and 20" from the floor; be designed to support a weight of at least 551 lbs. and have a horizontal grab bar that is centred on the long dimension of the bench; is at least 47" long and is mounted between 30" to 33" from the floor.

Grab Bars:

- Grab bars should be slip-resistant;
- Be mounted horizontally at a height between 30" and 33" from the floor;
- One on the wall adjacent to the toilet, beginning not more than 12" from the rear wall; and extending at least 18" in front of the toilet seat; and on the rear wall, either one, centred with the toilet and at least 24" long or two, each at least 12" long positioned on either side of the flush valve, located not further than 1.18" from the flush valve;
- A vertical grab bar may be added on the adjacent wall. It should be at least 24" in length, located not more than 10" in front of the toilet seat, at a height of 35" to 59" from the floor.

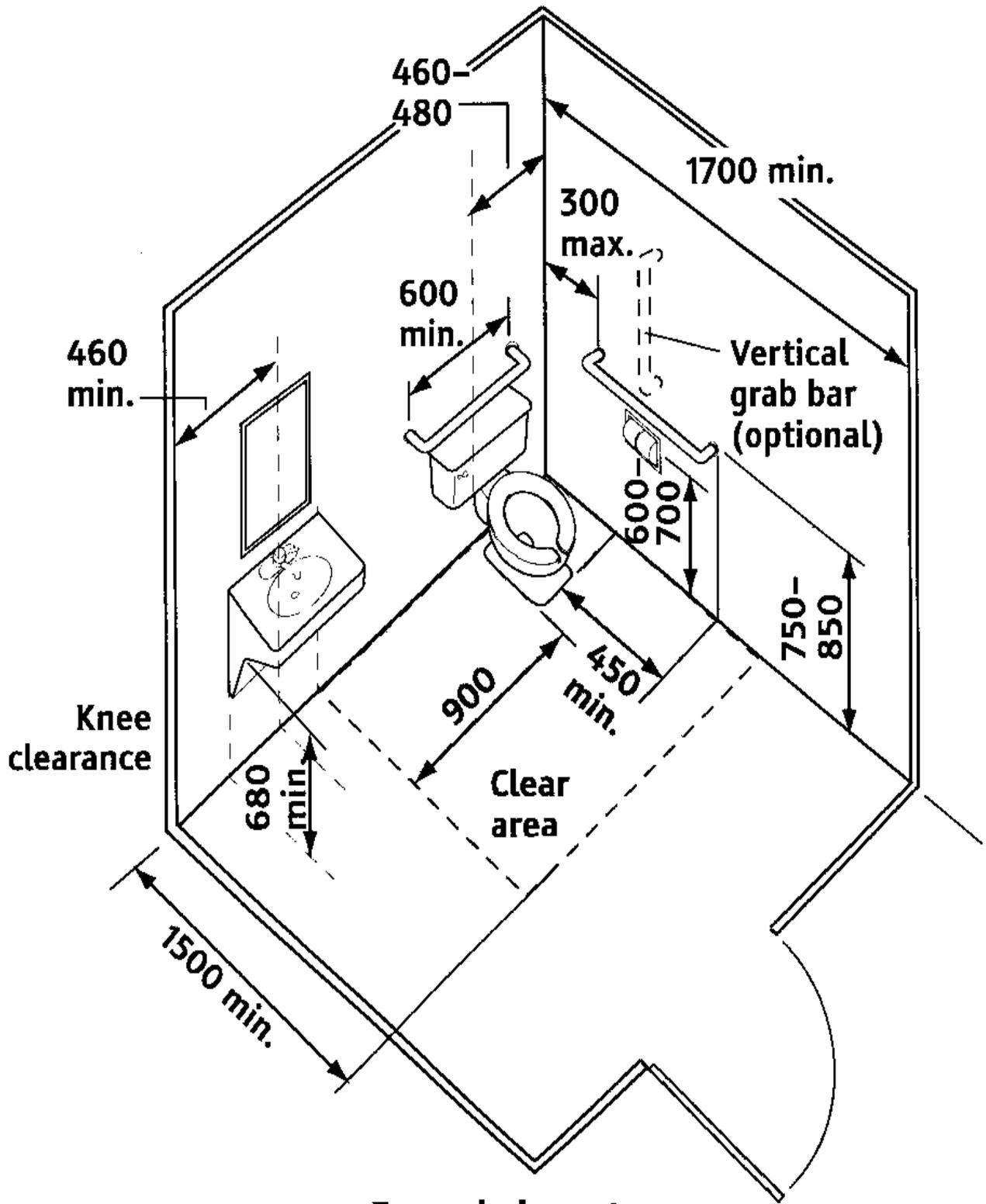
Recommendations for Accessible Washroom Cont'd:

Toilets:

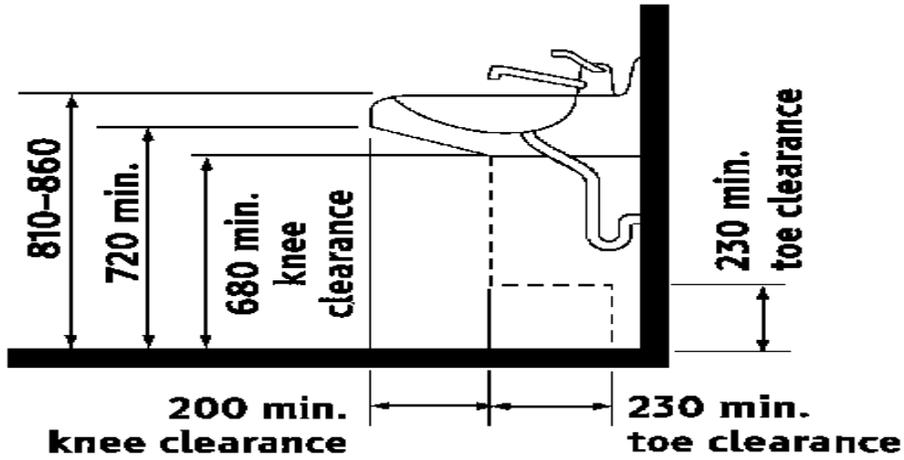
- Have a clear transfer space beside the toilet measuring 35" wide;
- A toilet fixture shall have the top of the seat between 16" and 18" from the floor;
- Toilet shall be located with its centreline between 18" and 19" from an adjacent wall; have a clear transfer space at least 35" wide x 59" long on its open side, the width measured from the edge of the toilet bowl;
- Controls shall be automatically activated.

Toilet Paper Dispenser:

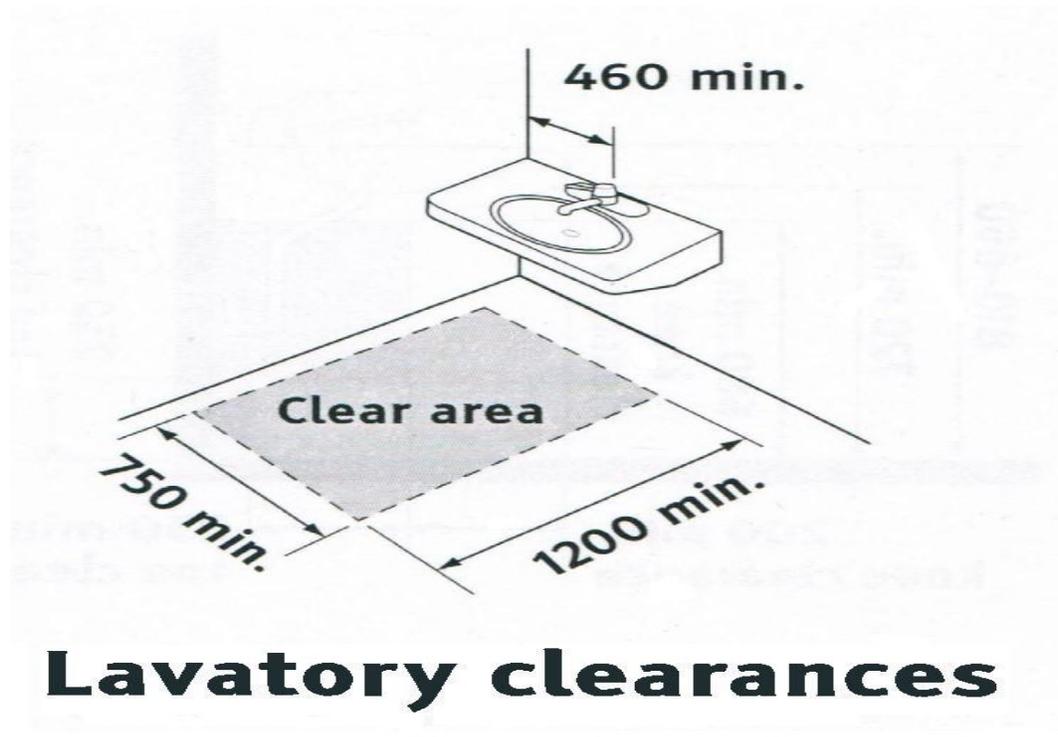
- A toilet paper dispenser shall be located so that the dispensing of the paper is in line with the front of the toilet seat; and at a height between 24" and 28" from the floor.



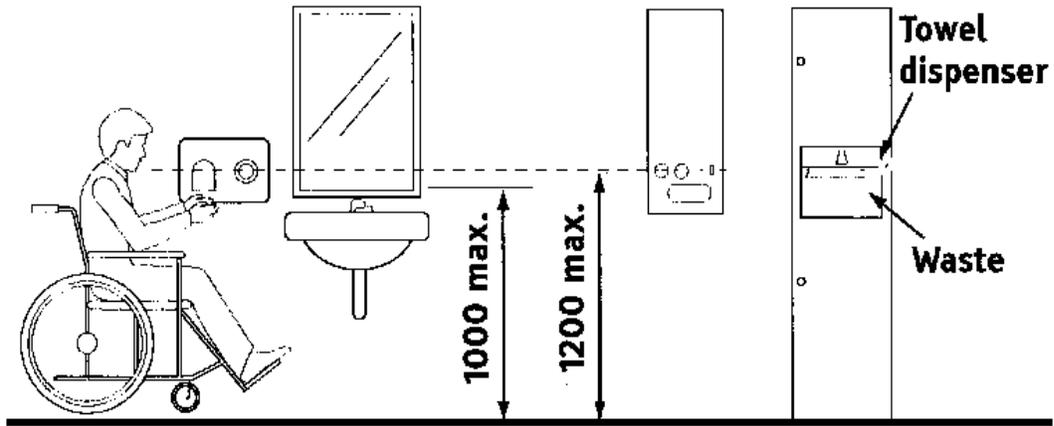
Example layout



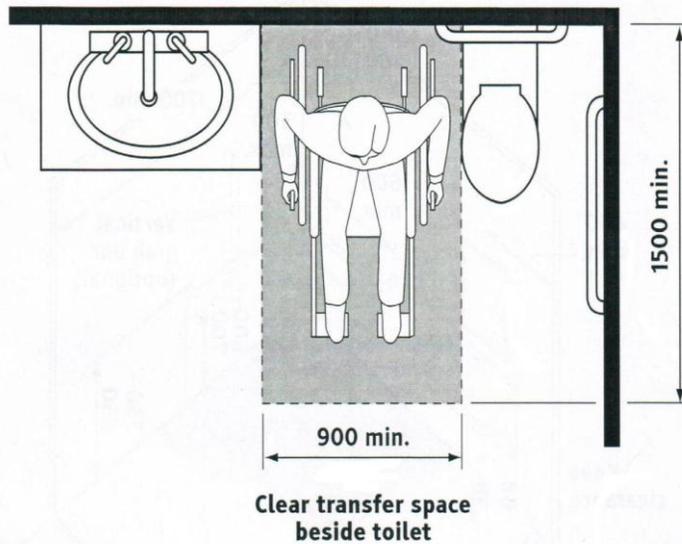
Lavatory clearances



Lavatory clearances



Washroom accessory heights



Individual washroom