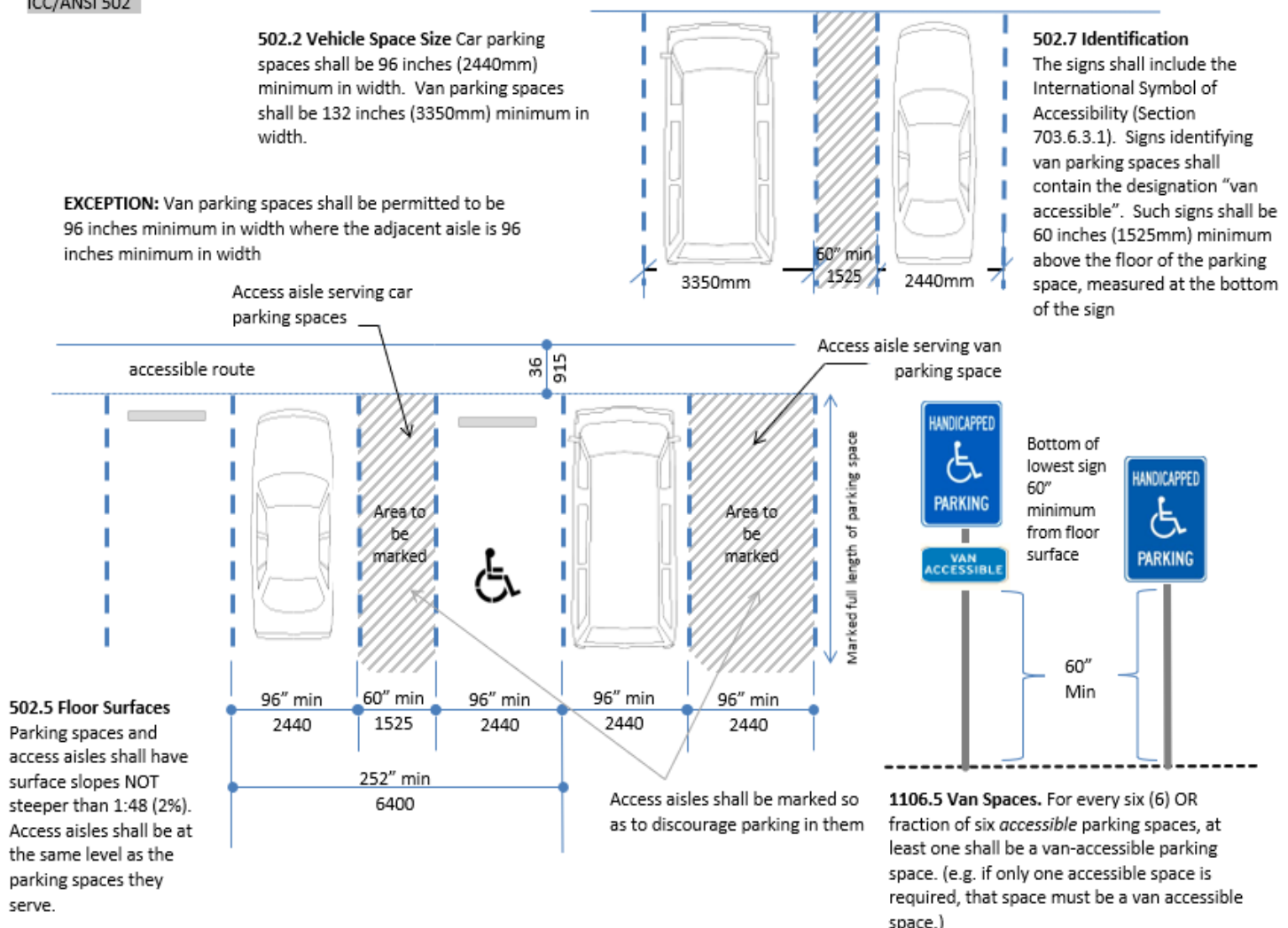


Certificate of Occupancy

- Property shall have at least ONE (1) designated handicap accessible parking space when parking is provided. When FIVE (5) or more spaces are provided, the accessible space must be identified by approved signage (see Figure 1.B)

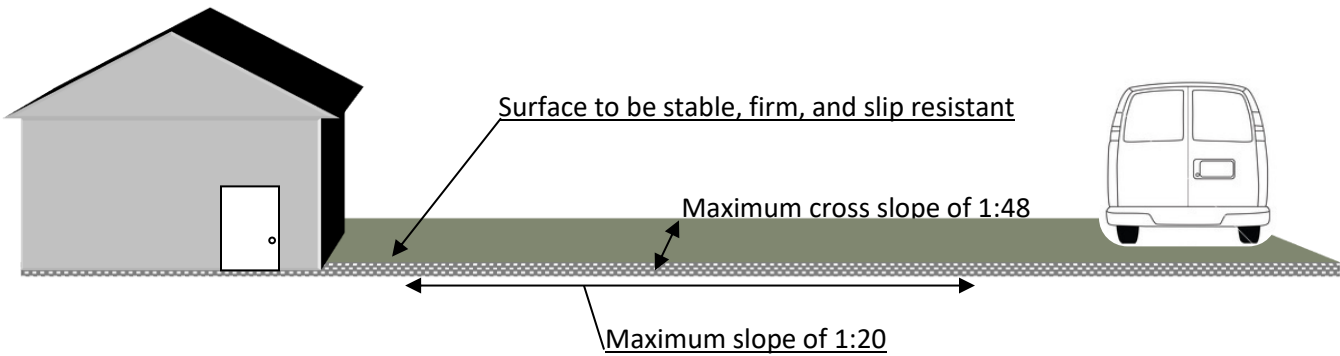
The space is to have a minimum width of 132". This space is to be marked to define the width. Measurements are to be from the center-line of the marking. This space is to have an adjacent access aisle. The access aisle is to be a minimum of 60" in width & run the full length of the parking space. The accessible aisle is to be marked with lines to discourage parking in them. **(FIGURE 1)**

ICC/ANSI 502



The ground surface of the parking space is to be stable, firm, and slip resistant with a surface slope not steeper than 1:48. Access aisles shall be at the same level as the parking spaces they serve. The handicap parking spot shall be identified by a sign. This sign shall include the International Symbol of Accessibility and shall contain the designation "Van Accessible." The sign shall be 60" minimum above the floor of the parking space to the BOTTOM of the sign.

2. **There must be a handicap accessible route provided from the accessible parking space to the building.** The route cannot have a rise over 1:20 and a maximum cross slope of 1:48. The ground surface of the parking space is to be *stable, firm, and slip resistant*. **(FIGURE 2)** See attached handout “Rollable Surfaces” for additional details.



(FIGURE 2)

3. **Changes in ground/floor height more than ½" shall be ramped. (FIGURE 3)**

Ramps are not to have a slope greater than 1:12. The maximum rise for any ramp run is 30" unless another landing is provided. Ramps are to have 60" clear landings at the top and bottom. Ramps over 6" in height are required to have handrails on both sides (See #4).

405.2 Slope

Ramp runs shall have a running slope greater than 1:20 and not steeper than 1:12

405.3 Cross Slope

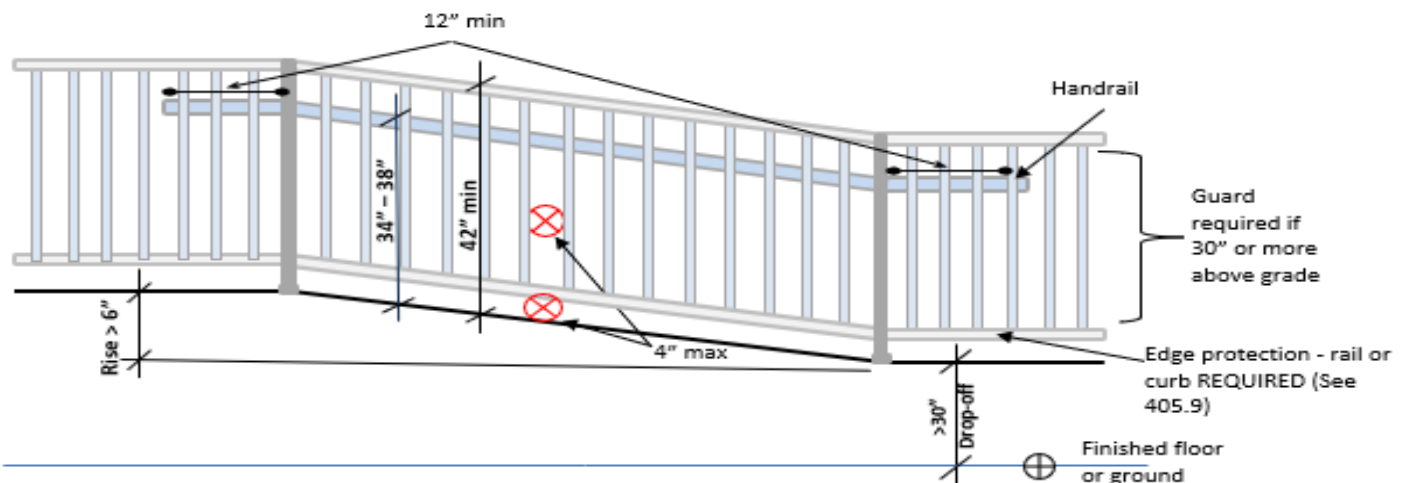
Cross slope of ramp runs shall not be steeper than 1:48

405.6 Rise

The rise for any ramp run shall be 30" maximum

405.8 Handrails

Runs with a rise greater than 6" shall have handrails complying with **Section 505** (see Section 505 handout for more detail)



(FIGURE 3)

4. When handrails are required, they must be provided on both sides of the ramp and must be continuous.

505.1 General.

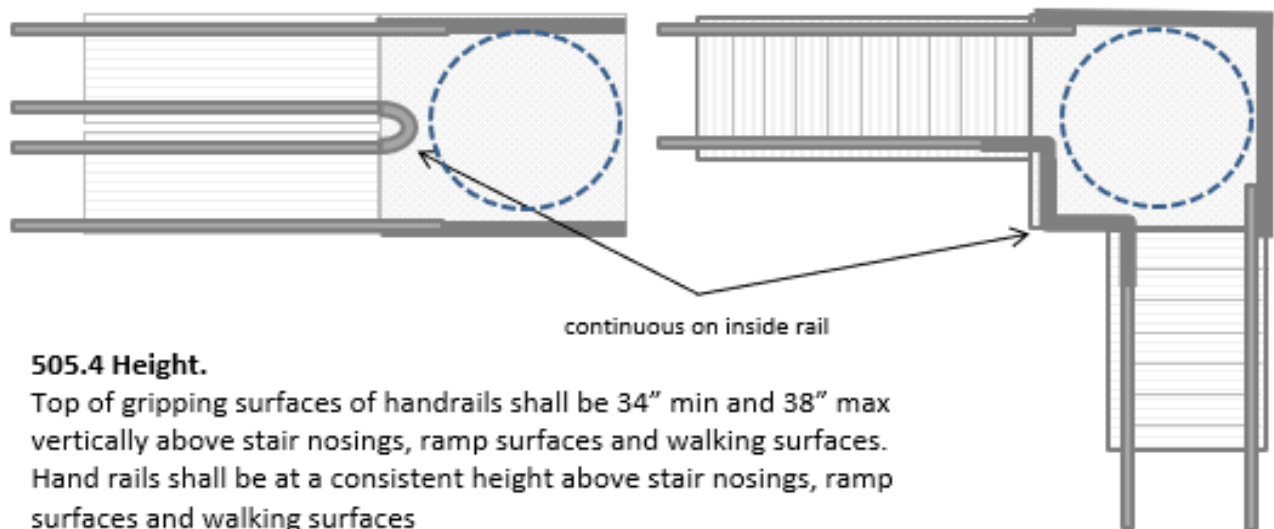
Handrails required by Section 405.8 for ramps or Section 504.6 for stairs, shall comply with Section 505

505.2 Location.

Handrails shall be provided on both sides of stairs and ramps

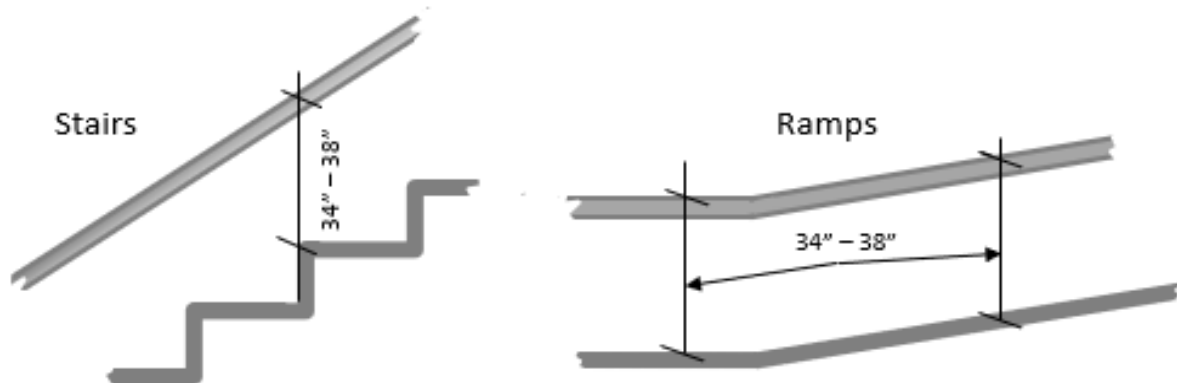
505.3 Continuity.

Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs or ramps shall be continuous between flights or runs. (see 405.5 and 405.7.4 for clear width and for landing dimensions)



505.4 Height.

Top of gripping surfaces of handrails shall be 34" min and 38" max vertically above stair nosings, ramp surfaces and walking surfaces. Hand rails shall be at a consistent height above stair nosings, ramp surfaces and walking surfaces

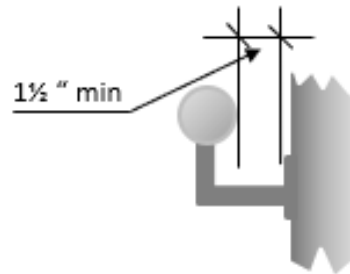


The top of the handrail must be between 34" and 38" in height and be consistent in height for the entire ramp. The handrail cannot rotate within its fitting. It must extend a minimum of 12" beyond the ramp. The handrail extension must return to a wall, guard, or floor. When edge protection is required, the maximum spacing is 4" from floor to bottom of rail.

The clearance between the gripping surface of the handrail and any adjacent surface is a minimum of 1 ½". Edges are to be rounded and the handrail cannot have any sharp or abrasive surface. If the handrail is circular, it shall be between 1 ¼" -2" in diameter. If the handrail is non-circular, it must be between 4" and 6 ¼" in perimeter, with a maximum cross section of 2 ¼"

505.5 Clearance.

Clearance between Handrail gripping surface and adjacent surfaces shall be 1½" minimum.



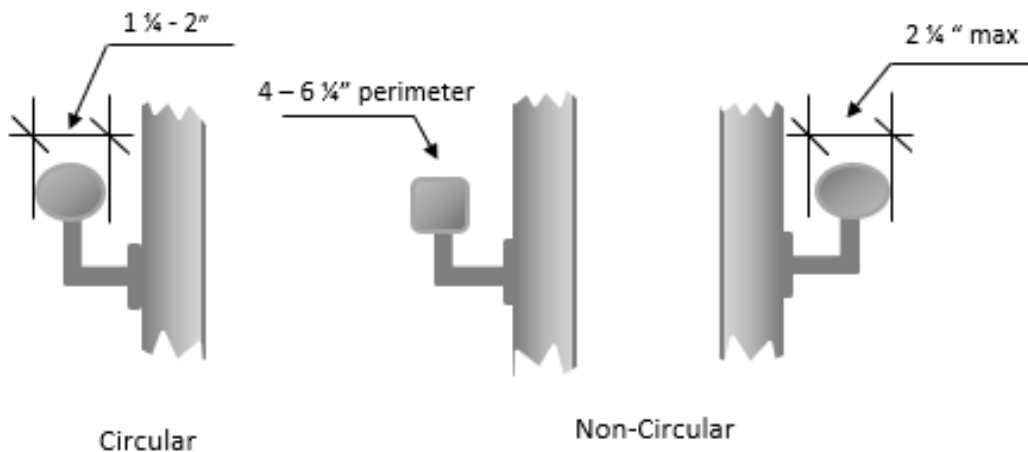
505.6 Gripping Surface.

Gripping surfaces shall be continuous, without interruption by newel posts, other construction elements or obstructions.

505.7 Cross Section.

505.7.1 Circular Cross Section. Outside diameter of 1 ¼ min and 2" max

505.7.2 Non-Circular Cross Section Perimeter dimension of 4" min and 6 ¼" max with a cross section dimension of 2 ¼" max



505.9 Fittings.

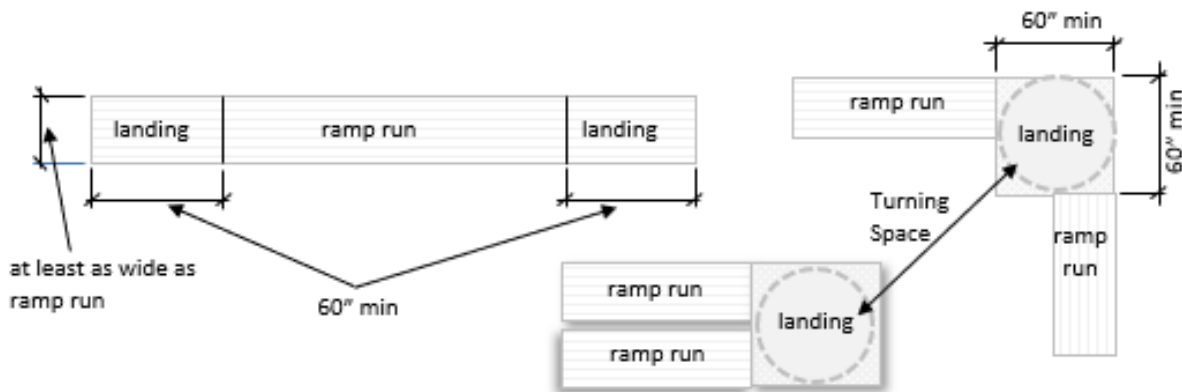
Handrails shall not rotate within their fittings

5. Landings are required at the top and bottom of ramps.

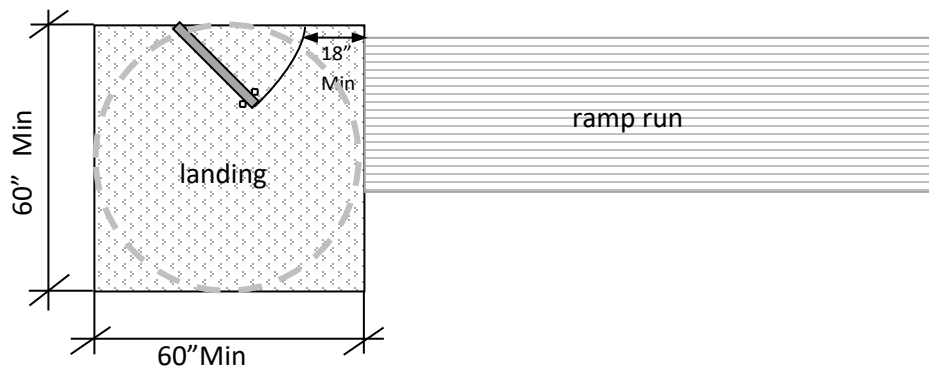
Ramps cannot be cross-sloped more than 1:48. They are to be at least as wide as the widest ramp they are attached to (36" min). They are to have a clear length of at least 60". When ramps change direction at landings, the landing is to have a min size of 60" by 60" clear space between railings.

405.7 Landings. Ramps shall have landings at the bottom and top of each ramp run.

405.7.4 Change in Direction. Ramps that change direction at ramp landings shall be sized to provide a turning space complying with Section 304.3

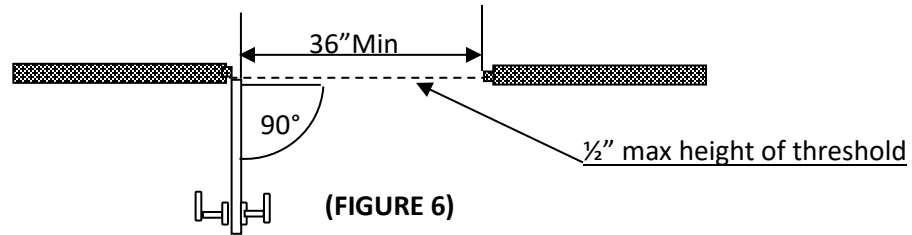


When the landing is in front of a door, the landing must be a minimum of 60"x 60":

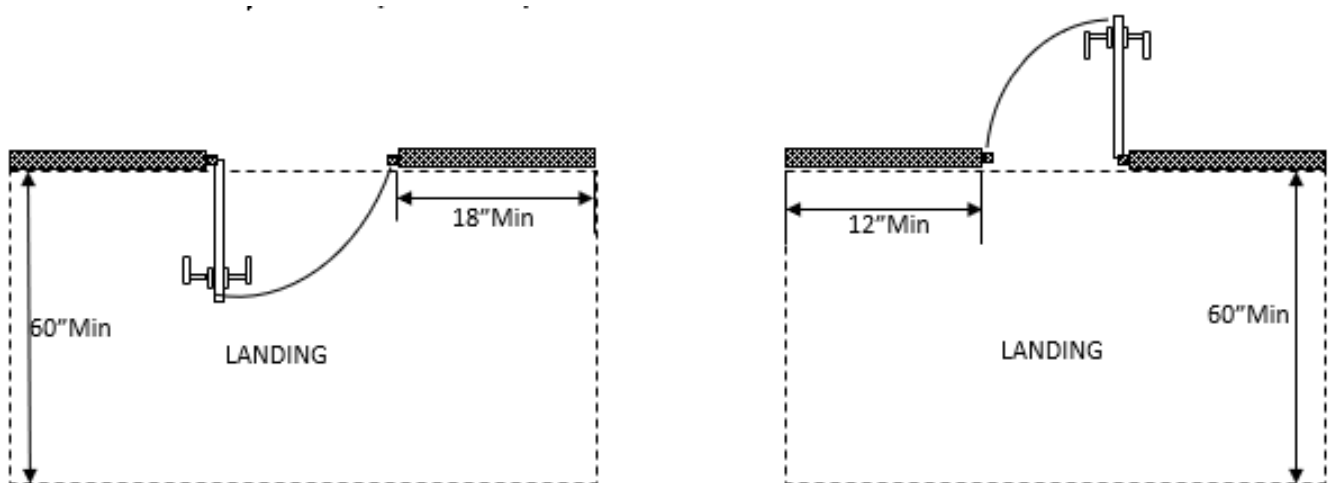


6. Doorways are to have a clear opening of 36", measured from the closest points when the door is open 90°.

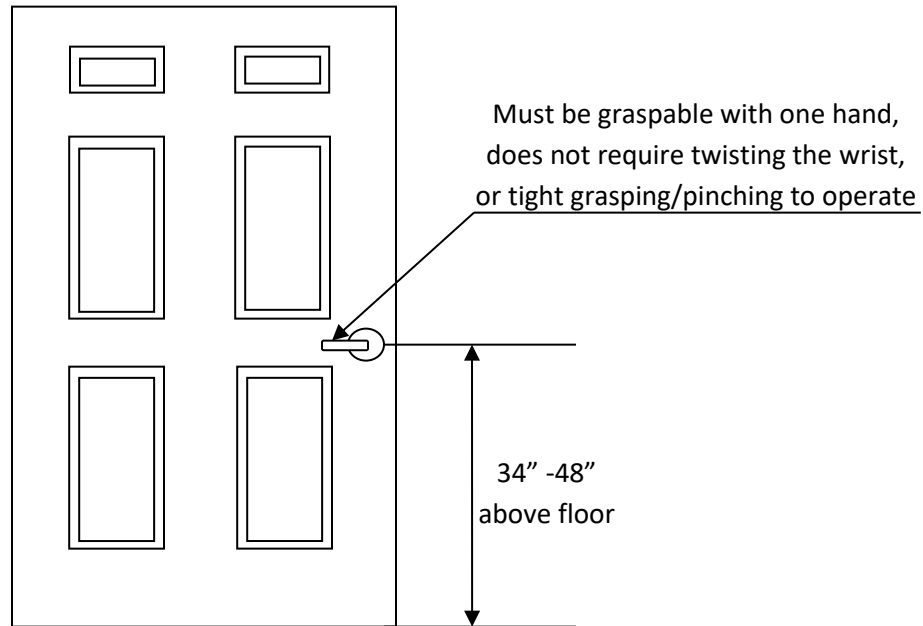
The threshold cannot be more than ½" maximum height.



Doors must have maneuvering clearances of 60" in front of the door with 18" parallel to the doorway on the pull side and 60" in front of the door with 12" parallel to the doorway on the push side.

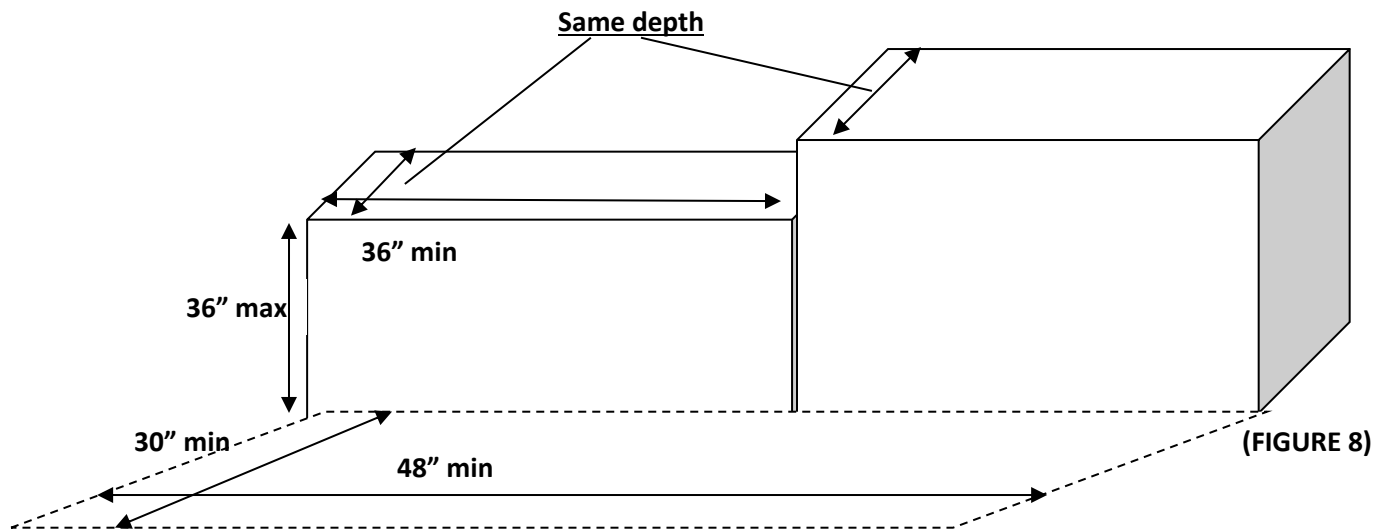


7. Handles and all operable parts must be easy to grasp with one hand, does not require tight grasping or pinching, or require the wrist to twist to operate (lever type or panic hardware). Hardware is to be between 34"-48" above the floor.

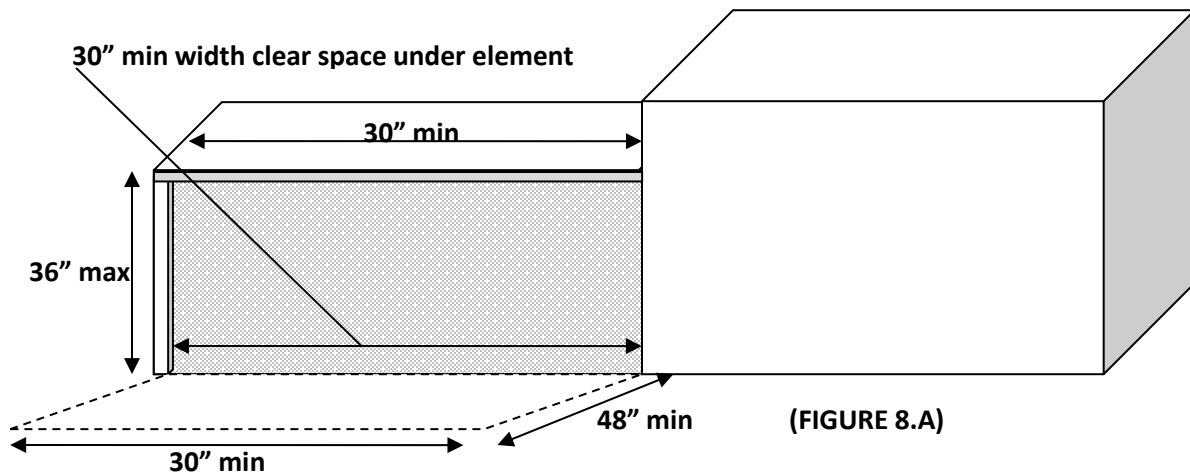


8. A built-in sales/service counter must meet handicap accessibility when provided.

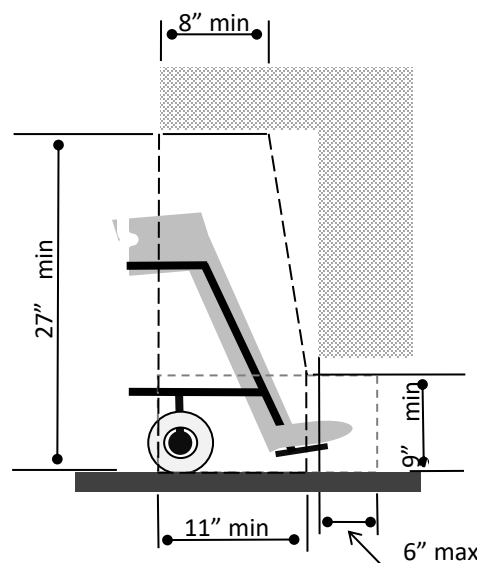
If the approach for the counter is parallel, at least 36" in length of the counter must be 36" maximum height with the same depth as the rest of the counter. If the counter is less than 36" in length, the entire counter must be a maximum of 36" height. The clear floor space for a parallel approach is 48" X 30" (FIGURE 8)



If the approach to the counter is a forward approach, at least 30" in length must be a maximum of 36" in height. There must be a clear floor space of 30" X 48". There must knee and toe clearances at least 30" in width. **(FIGURE 8.A)**



In front approach there must be a toe clearance, measured up to 9" in height, of 17"-25" depth from the start of countertop. When measuring at 9" in height, only 6" beyond the available knee clearance is calculated as toe clearance. For knee clearance there must be at least of 27" in height of clearance under the countertop. At 9" in height, there must be a knee clearance of 11"-25" of depth. When measuring at 27" in height, there must be at least 8" in depth. Knee clearance may be reduced at a rate of 1" for each 6" in height, measuring between 9" -27" in height. **(FIGURE 8.B)**



9. At least one 10lb ABC Fire Extinguisher located close to the exit is required.