



Accessibility Advisory Committee



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B651-12

Accessible design for the built environment



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CSA B651-12

8.1 Scope

The requirements of this Clause deal with exterior pedestrian locations, on public or private property, that include circulation routes, spaces, and amenities that are part of

- (a) public areas such as rights-of-way, parks, plazas, recreation facilities, etc.; and
- (b) private areas such as outdoor restaurants, theatres, and the grounds of residential, commercial, educational, club, and other complexes.

8.2 Accessible routes

8.2.1 General

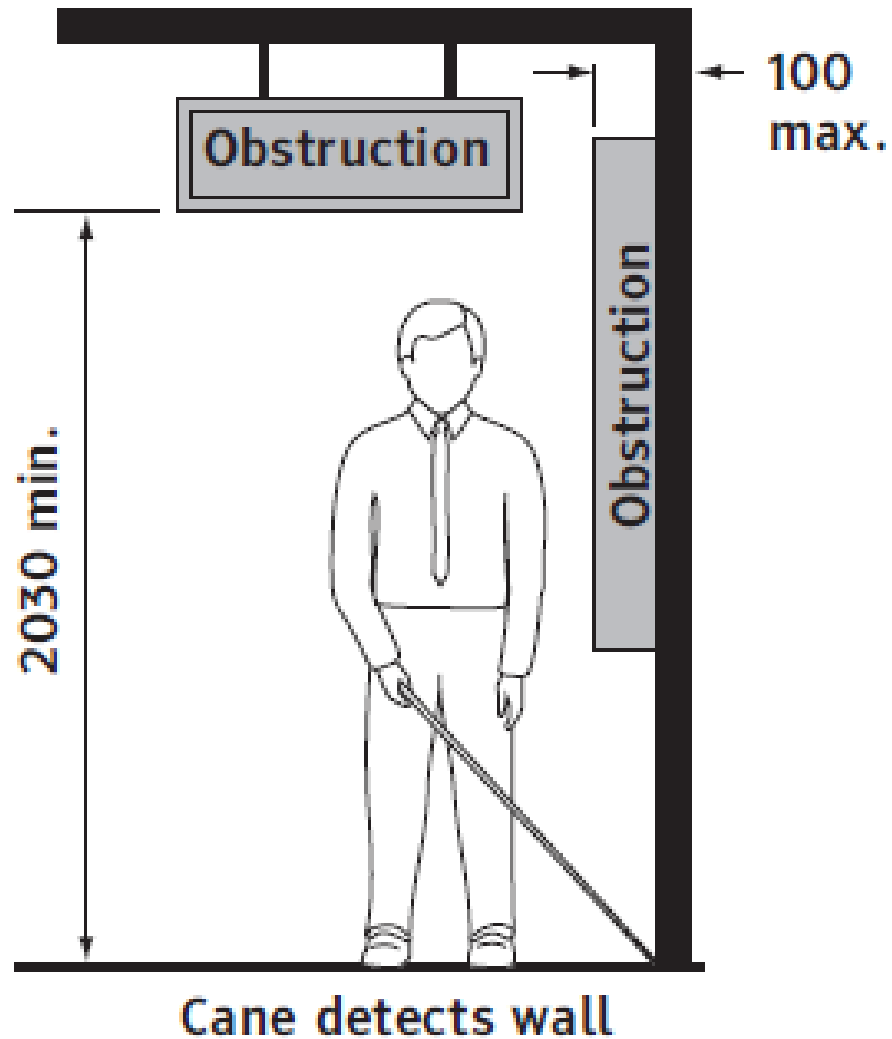
An accessible exterior pedestrian route shall

- (a) comply with **Clauses 4.3.1, 4.3.2, 4.3.4, and 4.4;**
- (b) where adjacent to a vehicle route, be separated from it by
 - (i) a curb with a curb
 - (ii) a railing or other
 - (iii) a tactile attention
- (c) where bollards are used to delineate a pedestrian route, have bollards spaced at least 300 mm apart.
- (d) in high pedestrian traffic areas, be delineated on both sides by textured pavement surfaces at least 300 mm wide.

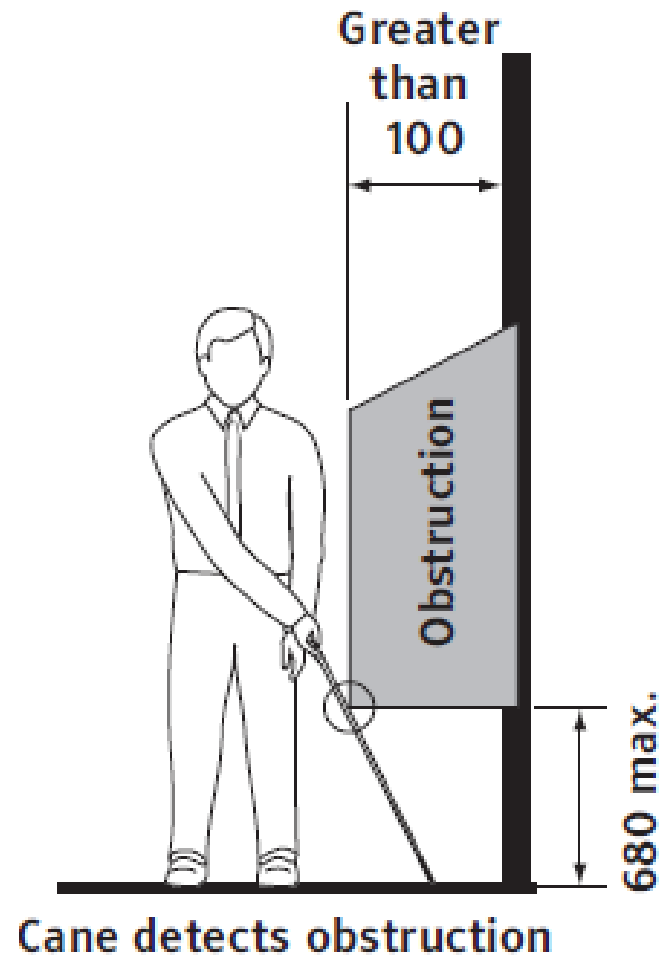
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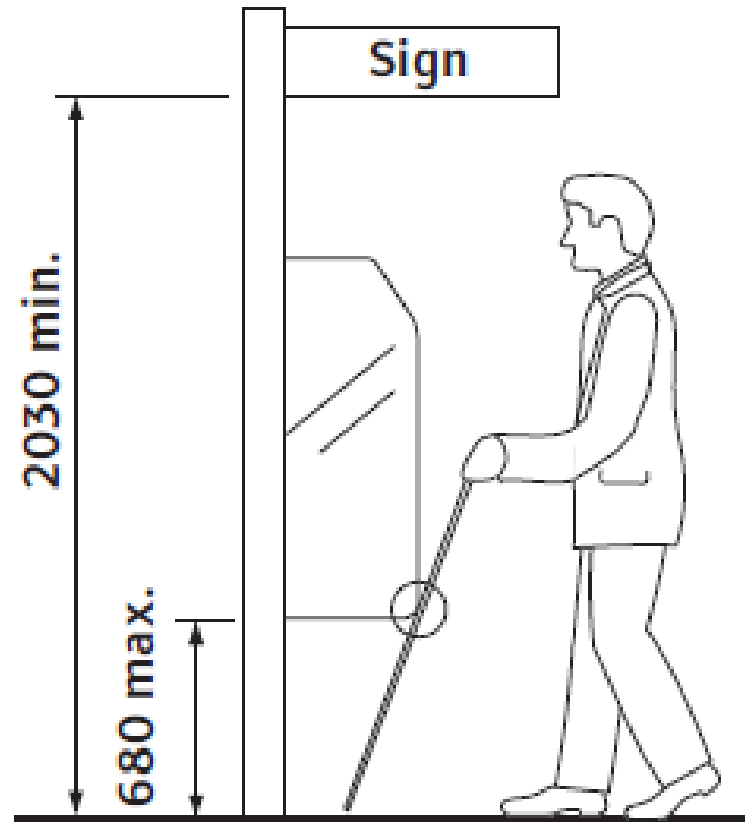
Protrusion Hazards – 4.4



Protrusion Hazards 4.4

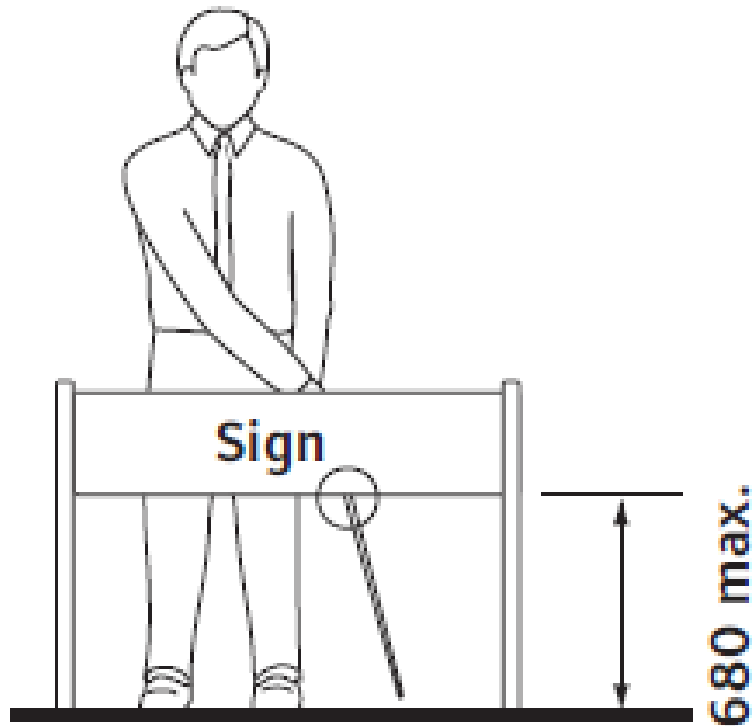


Protrusion Hazards 4.4



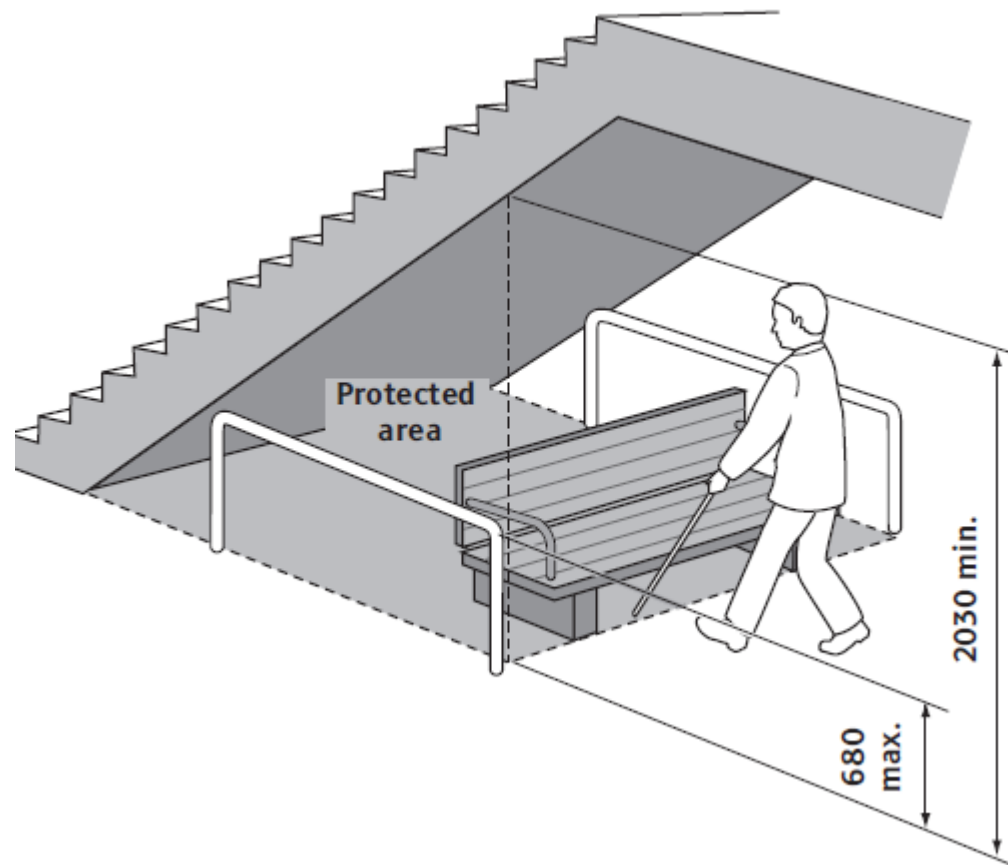
Cane detects obstruction

Protrusion Hazards 4.4



Cane detects obstruction

Protrusion Hazards 4.4



8.2.2 Width

The clear width of an accessible pedestrian route shall be

- (a) at least 1500 mm; or
- (b) where adjacent to a curb ramp, at least 1200 mm (see [Figure 64](#)).

Commentary:

- (1) Since persons with a vision impairment rely on straight paths for their way-finding needs, accessible paths should be designed to be as straight as possible. Paths that wander or zig-zag should be avoided.
- (2) In high traffic areas, an accessible path should be at least 2000 mm wide.

Width of Accessible Route

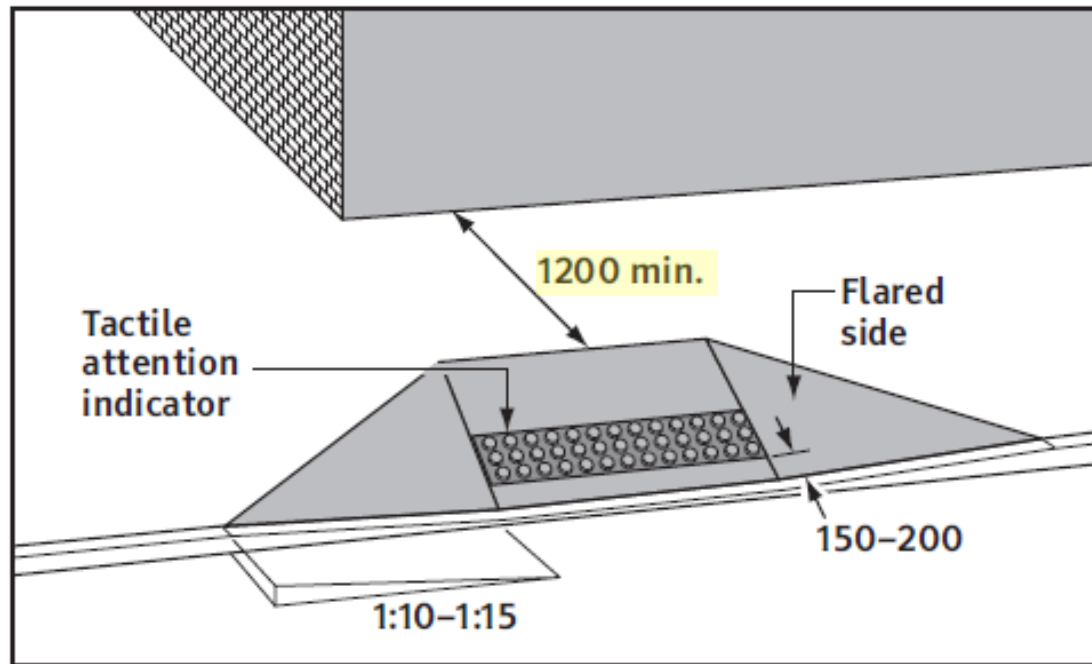


Figure 64
Accessible route and curb ramp with flared sides

8.2.7

- a) Running slope ratio between 1:12 & 1:20
- b) Cross slope not steeper than 1:50
- c) At least 1200 mm width

Comments?