

## Annotated Accessibility Changes to the 2012 Ontario Building Code, as Amended by Ontario Regulation 368/13

RED indicates new text.

O. Reg. 368/13 comes into force on 1 January, 2015

### DIVISION A COMPLIANCE, OBJECTIVES AND FUNCTIONAL STATEMENTS COMPLIANCE AND GENERAL PART 1

#### Section 1.4. Terms and Abbreviations

##### 1.4.1. Definitions of Words and Phrases

##### 1.4.1.2. Defined Terms

- (1) Each of the words and terms in italics in this Code has,
- (a) the same meaning as in subsection 1 (1) of the Act, if not defined in Clause (b) or (c),
  - (b) the same meaning as in each of the following provisions for the purposes described in the provision:
    - (i) Sentences 1.4.1.3.(1) and (2) of Division A, and
    - (ii) Sentences 3.13.1.2.(1), 7.1.3.1.(1), 8.1.1.2.(1) and 11.1.1.2.(1) of Division B, or
  - (c) the following meaning for the purposes of this Code:

*Adaptable seating* means a fixed seat or seats designed to facilitate a side transfer from a wheelchair.

*Mobility assistive device* means a mobility assistive device as defined in section 2 of Ontario Regulation 191/11 (Integrated Accessibility Standards) made under the *Accessibility for Ontarians with Disabilities Act, 2005*.

### DIVISION B ACCEPTABLE SOLUTIONS GENERAL PART 1

#### Section 1.3. Referenced Documents and Organizations

##### 1.3.1. Referenced Documents

##### 1.3.1.2. Applicable Editions

- (1) Where documents are referenced in this Code, they shall be in the editions designated in Column 2 of Table 1.3.1.2.

**Table 1.3.1.2.**  
**Documents Referenced in the Building Code**

Forming Part of Sentence 1.3.1.2.(1)

323.1	ISO	23599: 2012	Assistive Products for Blind and Vision-Impaired Persons – Tactile Walking Surface Indicators	3.8.3.18.(1)
348.1	NFPA	72-2013	National Fire Alarm and Signaling Code	3.2.4.22.(13) 9.10.19.1.(2) 9.10.19.3.(3)

**DIVISION B ACCEPTABLE SOLUTIONS**  
**PART 3 FIRE PROTECTION, OCCUPANT SAFETY AND ACCESSIBILITY**

**Section 3.2. Building Fire Safety**

**3.2.4. Fire Alarm and Detection Systems**

**3.2.4.19. Alert and Alarm Signals**

- (4) Except as permitted by Sentence (6), visual signal devices shall be installed in addition to audible signal devices,
- (a) in a *building* or portion of a *building* intended for use primarily by persons with hearing impairment,
  - (b) in a *public corridor* serving a Group A, B, C, D or E *occupancy*,
  - (c) in a corridor used by the public and in a *floor area* or part of a *floor area* where the public may congregate in a Group A *occupancy*, and
  - (d) in not less than 10% of the *suites* of a *hotel* or *motel*,
  - (e) in a *washroom for public use* described in Sentence 3.8.2.3.(2), (3), (4) or (6), and
  - (f) in the living space in a *suite of residential occupancy* in a Group C *major occupancy apartment building*.
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**3.2.4.22. Smoke Alarms**

- (13) *Smoke alarms* described in Sentence (1) shall have a visual signalling component conforming to the requirements in 18.5.3. (Light, Color and Pulse Characteristics) of NFPA 72, “National Fire Alarm and Signaling Code”.
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**Section 3.3. Safety Within Floor Areas**

**3.3.4.9. Stud Wall Reinforcement**

- (1) If wood wall studs or sheet steel wall studs enclose the main bathroom in a *dwelling unit*, reinforcement shall be installed to permit the future installation of the following:
- (a) for a water closet, a *grab bar* described in Clauses 3.8.3.8.(3)(a) and a *grab bar* described in Clause 3.8.3.8.(3)(c),
  - (b) for a shower, a *grab bar* described in Clause 3.8.3.13.(2)(f), and
  - (c) for a bathtub, a *grab bar* described in Clause 3.8.3.13.(4)(c).
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**Section 3.4. Exits**

**3.4.6. Types of Exit Facilities**

**3.4.6.1. Slip Resistance Surface Finish of Ramps and Stairs**

- (1) The surfaces of ramps, landings and treads shall,
- (a) shall have a finish that is slip-resistant, and
  - (b) if accessible to the public, shall have either a colour contrast or a distinctive *visual* pattern to demarcate ,
    - (i) the leading edge of the tread and ,
    - (ii) the leading edge of the landing, *as well as* and
    - (iii) the beginning and end of a ramp.
- (2) A tactile attention indicator conforming to Article 3.8.3.18. shall be installed,
- (a) at the top of the stairs starting one tread depth back from the edge of the top stair, and
  - (b) at the leading edge of landings where a doorway opens onto stairs.
- (3) Treads and landings of exterior *exit* stairs shall be designed to be free of ice and snow accumulations if the stairs,
- (a) are more than 10 m high, or
  - (b) serve a *hotel*.
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### 3.7.4. Plumbing Facilities

#### 3.7.4.2. Plumbing Fixtures, General

(7) The water closet and lavatory provided in the universal **toilet wash**room described in Sentence 3.8.3.12.(1) may be counted as part of the *plumbing fixtures* required for males and females in this Subsection if,

- (a) more than one water closet is required for males, and
- (b) more than one water closet is required for females.

(8) **Where one water closet is required for males and one water closet is required for females, the following may be provided in lieu of the water closets otherwise required by this Subsection:**

(a) one universal washroom conforming to Sentence 3.8.3.12.(1), and

(b) one washroom containing one water closet that is permitted to be used by both sexes provided the door to the room can be locked from the inside.

(9) Both sexes are permitted to be served by a single water closet if the *occupant load* is not more than 10 persons in an *assembly occupancy* referred to in Article 3.7.4.3. except for,

- (a) elementary and secondary schools,
- (b) child care facilities,
- (c) places of worship, and
- (d) undertaking premises, and

(e) dining rooms, restaurants, cafeterias and alcoholic beverage establishments.

(10) Any shelf or projection above a lavatory shall be located so that it will not be a hazard.

(11) Except for *dwelling units*, lavatories required by Sentence (5) shall be equipped with faucets that,

- (a) operate automatically, or
- (b) have lever type handles that do not close under spring action.

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#### 3.7.4.3. Plumbing Fixtures for Assembly Occupancies

(1) Except as permitted by Sentences (2) to (16) and Sentence 3.7.4.2.(9), the number of water closets required for *assembly occupancies* shall conform to Table 3.7.4.3.A.

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## Section 3.8. Barrier-Free Design

### 3.8.1. General

#### 3.8.1.1. Application

(1) The requirements of this Section apply to all *buildings* except,

- (a) houses, including semi-detached houses, duplexes, triplexes, town houses, row houses and boarding or rooming houses with fewer than 8 boarders or roomers,
- (b) *buildings* of Group F, Division 1 *major occupancy*, and
- (c) *buildings* that are not intended to be occupied on a daily or full time basis, including automatic telephone exchanges, pumphouses and substations, and
- (d) *camp*s for housing of workers.

#### 3.8.1.2. Entrances

(1) **In addition to the barrier-free entrances required by Sentence 3.13.8.1.(2), the number of barrier-free entrances in into a building referred to in Sentence 3.8.1.1.(1) shall be no fewer than those as specified in conform to Table 3.8.1.2. and shall lead from.**

- (a) the outdoors at sidewalk level, or
- (b) a ramp that conforms to Article 3.8.3.4. and leads from a sidewalk.

**Table 3.8.1.2.  
Minimum Number of Pedestrian Entrances Required to be Barrier-Free**

Forming Part of Sentence 3.8.1.2.(1)

Item	Column 1	Column 2
	Number of Pedestrian Entrances into <i>Building</i>	Minimum Number of Pedestrian Entrances Required to Be <i>Barrier-Free</i>
	Number of pedestrian entrances into <i>building</i>	Minimum number of pedestrian entrances required to be <i>barrier-free</i>
1.	1 to 3	1
2.	more than 3 to 4 or 5	2
3.	more More than 5	not Not less than 50 per cent %

(2) **A** One of the *barrier-free* entrances required by Sentence (1) shall be the principal entrance to the *building*.

(3) In addition to the *barrier-free* entrances required by Sentence (1), a *suite* of *assembly occupancy, business and personal services occupancy* or *mercantile occupancy* that is located in the *first storey* of a *building* or in a *storey* to which a *barrier-free* path of travel is provided, and that is separated from the remainder of the *building*, so that there is no access to the remainder of the *building*, shall have at least one *barrier-free* entrance.

(4) A *barrier-free* entrance required by Sentences (1) or (2) shall ,

(a) be designed in accordance with Article 3.8.3.3., and

(b) lead from,

(i) the outdoors at sidewalk level, or

(ii) a ramp that conforms to Article 3.8.3.4. and leads from a sidewalk.

(5) At a *barrier-free* entrance that includes more than one doorway, only one of the doorways is required to be designed in accordance with the requirements of Article 3.8.3.3..

(6) If a *walkway* or pedestrian bridge connects two *barrier-free storeys* in different *buildings*, the path of travel from one *storey* to the other *storey* by means of the *walkway* or bridge shall be *barrier-free*.

### 3.8.1.3. Barrier-Free Path of Travel

(1) Except as required in Sentence (4) and except as permitted in Subsection 3.8.3., every *barrier-free* path of travel shall provide an unobstructed width of at least 1 100 mm for the passage of wheelchairs.

(2) Interior and exterior walking surfaces that are within a *barrier-free* path of travel shall,

(a) have no opening that will permit the passage of a sphere more than 13 mm in diam,

(b) have any elongated openings oriented approximately perpendicular to the direction of travel,

(c) be stable, firm and slip-resistant,

(d) be bevelled at a maximum slope of 1 in 2 at changes in level not more than 13 mm, and

(e) be provided with sloped floors or ramps at changes in level more than 13 mm.

(3) A *barrier-free* path of travel is permitted to include ramps, passenger elevators or other platform equipped passenger elevating devices to overcome a difference in level.

(4) Every *barrier-free* path of travel less than 1 600 mm in width shall be provided with an unobstructed space not less than 1 600 1 800 mm in width and 1 600 1 800 mm in length located not more than 30 m apart.

(5) Where the headroom of an area in a *barrier-free* path of travel is reduced to less than 1 980 mm, a guardrail or other barrier with its leading edge at or below 680 mm from the *finished* floor shall be provided.

(6) A normally occupied *floor area* that is not required by Article 3.8.2.1. to have a *barrier-free* path of travel shall meet the following requirements:

- (a) interior walking surfaces throughout the normally occupied *floor area* shall comply with Clauses (2)(a) to (e), and
- (b) where the headroom of an area in a corridor or aisle in the normally occupied *floor area* is reduced to less than 1 980 mm, a guardrail or other barrier with its leading edge at or below 680 mm from the finished floor shall be provided.

#### 3.8.1.4. Escalators and Moving Walks

(1) In a *building* in which an escalator or inclined moving walk provides access to any floor level above or below the entrance floor level, an interior *barrier-free* path of travel shall be provided to that floor level.

(2) The route from the escalator or inclined moving walk to the *barrier-free* path of travel that leads from floor to floor required by Sentence (1) shall be clearly indicated by appropriate signs.

(3) In a *building* in which a moving walk provides access between areas on the same floor level, a *barrier-free* path of travel shall be provided between the areas served by the moving walk.

#### 3.8.1.5. Controls

(1) Except as required by Sentences 3.5.2.2.(1) and 3.8.3.5.(1) for elevators and Sentence 3.8.3.3.(17) for power door operator controls, controls for the operation of *building* services or safety devices, including electrical switches, thermostats and intercom switches, intended to be operated by the occupant and located in a *barrier-free* path of travel shall ,

- (a) be accessible to a person in a wheelchair, using a side approach,
- (b) be operable using a closed fist and with one hand and a force of not more than 22.2 N, and
- (c) be mounted at not less than 900 mm and not more than 1 ,
  - (i) 1 200 mm above the finished floor, in the case of a thermostat or a manual pull station, and
  - (ii) not less than 900 mm and not more than 1 100 mm above the finished floor, in the case of all other controls.

(2) A signal intended for the public to indicate the operation of a *building* security system that controls access to a *building* shall consist of an audible and visual signal.

#### 3.8.1.6. Illumination

(1) All portions of a *barrier-free* path of travel shall be equipped to provide a level of illumination in accordance with Sentence 3.2.7.1.(1).

### 3.8.2. Occupancy Requirements

#### 3.8.2.1. Areas Requiring Barrier-Free Path of Travel

(1) Except as permitted by Sentence (3), a *barrier-free* path of travel from the entrances required by Sentences 3.8.1.2.(1) and (3) to be *barrier-free* shall be provided ,

- (a) throughout the entrance *storey*,
- (b) except as permitted by Sentence (2), to and within throughout all other normally occupied *floor areas* and rooftop amenity spaces, and
- (c) throughout all normally occupied *floor areas* and rooftop amenity spaces that,
  - (i) are exempt from the application of Clause (b), and
  - (ii) are served by a passenger elevator, escalator, inclined moving walk, or other platform equipped passenger elevating device.

(2) The provision of a *barrier-free* path of travel described in Sentence (Clause (1)(b) is not apply required to extend,

- (a) to service rooms,
- (b) to elevator machine rooms,
- (c) to janitors rooms,
- (d) to service spaces,
- (e) to crawl spaces,
- (f) to attic or roof spaces,
- (g) to floor levels not served by *floor areas* or portions of *floor areas* containing a passenger elevator, a platform-equipped passenger-elevating device, an escalator, Group B, Division 2 or 3 occupancy that are not required by Article 3.5.2.1. to be connected by a ramp or served by an elevator,
- (b) to Group C or Group D occupancies that are in *floor areas* in a *building* that,
  - (i) is three or fewer storeys in building height, and

- (ii) has a *building area* not exceeding 600 m<sup>2</sup>,
- (c) to Group F, Division 2 or 3 *occupancies* that are not required by Sentence 3.8.2.2.(1) to be served by an elevator,
- (d) to portions of restaurants and licensed beverage establishments where the same amenities and uses are provided on other *floor areas* that have a *barrier-free* path of travel, or
- (e) to portions of child care facilities that have all entrance doors at floor levels that do not have a *barrier-free* path of travel.
- (3) A *barrier-free* path of travel described in Sentence (1) is not required to extend,
  - (a) into *service rooms*,
  - (b) into elevator machine rooms,
  - (c) into janitors' rooms,
  - (d) into *service spaces*,
  - (e) into crawl spaces,
  - (f) into *attic or roof spaces*,
  - (g) into *high hazard industrial occupancies*,
  - (h) to portions of a *floor area* with fixed seats in an *assembly occupancy* where these portions are not part of the *barrier-free* path of travel to ,
    - (i) spaces designated for wheelchair use,
    - (ii) seats designated for *adaptable seating*, or
    - (iii) spaces for the storage of wheelchairs and *mobility assistive devices*,
  - (i) to *suites of residential occupancy* that are in *storeys* other than the entrance *storey* and that have all entrance doors at floor levels that **do not correspond to elevator stop levels** are not required to have a *barrier-free* path of travel,
  - (j) except as required by Sentence (5), on the inside of a *suite of residential occupancy*, or
  - (k) except as required by Sentence (4) within a *suite of residential occupancy*, or
  - (l) **within those parts** to portions of a *floor area* that are not at the same level as the entry level, provided amenities and uses provided on any raised or sunken level are accessible on the entry level by means of a *barrier-free* path of travel.
- (4) In an *assembly occupancy with fixed seats*, the minimum number of spaces designated for wheelchair use **in an assembly occupancy with fixed seats** and the minimum number of fixed seats designated for *adaptable seating* shall conform to Table 3.8.2.1.

**Table 3.8.2.1.**  
**Designated Wheelchair Spaces and Adaptable Seating**

Forming Part of Sentence 3.8.2.1.(4)

Item	Column 1	Column 2	Column 3
	Number of Fixed Seats in Seating Area	Minimum Number of Spaces Designated for Wheelchairs	Minimum Number of Fixed Seats Designated for <i>Adaptable Seating</i>
1.	Up to 20	2	1
2.	21 to 40	2	2
3.	41 to 60	2	3
4.	61 to 80	2	4
5.	81 to 100	3	5
6.	Over 100	3% of the seating capacity	The greater of 5 seats or 5% of the aisle seating capacity

(5) In a Group C *major occupancy* apartment building, not less than 15% of all *suites* of *residential occupancy* shall be provided with a *barrier-free* path of travel from the *suite* entrance door into the following rooms and spaces that shall be located at the same level as the *barrier-free* path of travel:

- (a) at least one bedroom,
  - (b) at least one bathroom conforming to Sentence (6),
  - (c) a kitchen or kitchen space, and
  - (d) a living room or space.
- (6) Bathrooms required by Clause (5)(b) shall,
- (a) contain a lavatory,
  - (b) contain a water closet,
  - (c) contain a bathtub or a shower,
  - (d) have wall reinforcement installed in conformance with Sentence 3.3.4.9.(1), and
  - (e) be designed to permit a wheelchair to turn in an open space not less than 1 500 mm in diameter.
- (7) The number of *suites* described in Sentence (5) having 1, 2 or 3 or more bedrooms shall be in proportion to the number of *suites* of *residential occupancy* having 1, 2 or 3 or more bedrooms in the remainder of the *building*.

(8) The *suites* described in Sentence (5) shall be distributed among *storeys* that are required by Article 3.8.2.1. to have a *barrier-free* path of travel, having regard to the height of the *suite* above *grade*.

### 3.8.2.2. Access to Parking Areas

- (1) A *barrier-free* path of travel shall be provided from the entrance described in Article 3.8.1.2. to,
- (a) an exterior parking area, where exterior parking is provided, and
  - (b) at least one parking level, where a passenger elevator serves an indoor parking level.
- (2) The vehicular entrance to and egress from at least one parking level described in Sentence (1) and all areas intended to be used by wheelchair accessible vehicles to gain access to a parking space on that level shall have a vertical clearance of not less than 2 100 mm.
- (3) If an exterior passenger loading zone is provided, it shall have,
- (a) an access aisle not less than 1 500 2 440 mm wide and 6 7 400 mm long adjacent and parallel to the vehicle pull-up space,
  - (b) a curb ramp, where there are curbs between the access aisle and the vehicle pull-up space, and
  - (c) a clearance height of not less than 2 750 3 600 mm at the vehicle pull-up space and along the vehicle access and egress routes.

### 3.8.2.3. Washrooms Required to be Barrier-Free

(1) Except where other *barrier-free* washrooms are provided on the same floor level within 45 m and except within *suites* of *residential occupancy*, and *buildings* exempted in Clauses 3.8.1.1.(1)(a), (b) and (c), in *buildings* where a washroom is required in accordance with Subsection 3.7.4., a *barrier-free* path of travel shall be provided to a *barrier-free* washroom designed to accommodate disabled persons in conformance with the appropriate requirements in Articles 3.8.3.8. to 3.8.3.12.

(2) Except as permitted in Sentence (3), where washrooms in excess of those required by Subsection 3.7.4. are provided

in a *storey* to which a *barrier-free* path of travel is required in conformance with Article 3.8.2.1., these washrooms shall be designed to accommodate disabled persons in conformance with the appropriate requirements in Articles 3.8.3.8. to 3.8.3.12.

(3) Washrooms need not conform to the requirements in Sentence (2) provided,

(1) A *barrier-free* path of travel shall be provided to *barrier-free* washrooms designed to accommodate persons with disabilities in conformance with the requirements in Articles 3.8.3.8. to 3.8.3.12.

(2) The number of universal washrooms conforming to Article 3.8.3.12. provided in a *building* in which a washroom is required by Subsection 3.7.4. shall conform to Table 3.8.2.3.A.

**Table 3.8.2.3.A.  
Minimum Number of Universal Washrooms per Building**

Forming Part of Sentence 3.8.2.3.(2)

Item	Column 1 Number of <i>Storeys</i> in <i>Building</i>	Column 2 Minimum Number of Universal Washrooms per <i>Building</i>
1.	1 to 3	1
2.	4 to 6	2
3.	Over 6	3, plus 1 for each additional increment of 3 <i>storeys</i> in excess of 6 <i>storeys</i>

(3) Where a washroom required by Subsection 3.7.4. is provided in a *storey* that is required by Article 3.8.2.1. to have a *barrier-free* path of travel,

- (a) the washroom shall conform to Articles 3.8.3.8. to 3.8.3.11., and
- (b) the number of *barrier-free* water closet stalls provided in the washroom shall conform to Table 3.8.2.3.B.

**Table 3.8.2.3.B.  
Minimum Number of Water Closet Stalls Required to be Barrier-Free**

Forming Part of Sentence 3.8.2.3.(3)

Item	Column 1 Number of Water Closets per Washroom	Column 2 Minimum Number of <i>Barrier-Free</i> Water Closet Stalls per Washroom
1.	1 to 3	0, where a universal washroom is provided on the same floor level within 45 m of the washroom, or  1, where a universal washroom is not provided on the same floor level within 45 m of the washroom
2.	4 to 9	1
3.	10 to 16	2
4.	17 to 20	3
5.	21 to 30	4
6.	Over 30	5, plus 1 for each additional increment of 10 water closets per washroom in excess of 30 water closets per washroom

(4) Except as permitted in Sentence (5), where washrooms in excess of those required by Subsection 3.7.4. are provided in a *storey* that is required by Article 3.8.2.1. to have a *barrier-free* path of travel, the additional washrooms shall be designed to accommodate persons with disabilities in conformance with the requirements of,

- (a) Articles 3.8.3.8. to 3.8.3.11., or
- (b) Article 3.8.3.12.

(5) Washrooms need not conform to Sentence (4) provided,

- (a) they are located within *suites of residential occupancy*,
- (b) other *barrier-free* washrooms are provided on the same floor level within 45 m, or



- (c) they are located in an individual *suite* that is,
  - (i) used for a *business and personal services occupancy*, a *mercantile occupancy* or an *industrial occupancy*,
  - (ii) less than 300 m<sup>2</sup> in area, and
  - (iii) completely separated from, and without access to, the remainder of the *building*.
- (6) Where a washroom required by Subsection 3.7.4. is provided in a *storey* that is not required by Article 3.8.2.1. to have a *barrier-free* path of travel, the washroom shall,
  - (a) conform to Article 3.8.3.9. and Sentences 3.8.3.10.(5) and 3.8.3.11.(5), and
  - (b) be provided with at least one ambulatory water closet stall conforming to Sentence 3.8.3.8.(10).

#### 3.8.2.4. Hotels

- (1) Except as permitted in Sentence (2), at least 10% of the *suites* of a *hotel* shall,
  - (a) have a *barrier-free* path of travel extending to ,
    - (i) the inside of each room, and to
    - (ii) a balcony where required by Sentence 3.3.1.7.(2), and
  - (b) be distributed among *storeys* **having** that are required by Article 3.8.2.1. to have a *barrier-free* path of travel, **having regard to the height of the suite above grade.**
- (2) Not more than 20 *suites* need comply with Sentence (1).
- (3) A *suite* having a *barrier-free* path of travel required by Sentence (1) shall have a bathroom that,
  - (a) conforms to the requirements of Clauses 3.8.3.12.(1)(a) to (h) and (j),
  - (b) has an unobstructed area at least 1 200 mm in diameter extending the full height of the room ; **however,** except that a door is permitted to open on the inside if it does not reduce the unobstructed area, and
  - (c) has a **bath** bathtub or shower that conforms to the requirements of Article 3.8.3.13.
- (4) Except as required by Sentence 3.8.3.3.(17) for power door operator controls, controls for the operation of *building* services or safety devices, including electrical switches, thermostats and intercom switches, intended to be operated by the occupant and located within a *suite* having a *barrier-free* path of travel required by Sentence (1) shall conform to Sentence 3.8.1.5.(1).
- (5) An entrance door to a *suite* having a *barrier-free* path of travel required by Sentence (1) shall have,
  - (a) a power door operator conforming to Article 3.8.3.3., and
  - (b) a door viewer located at a height no higher than 1 100 mm above the finished floor.
- (6) Where a door is provided between a *suite* having a *barrier-free* path of travel required by Sentence (1) and an adjoining *suite*, the door shall conform to Sentences 3.8.3.3. (1) and (3).
- (7) Where an emergency power supply is supplied by a generator, it shall supply at least one emergency power receptacle in at least one of the *suites* having a *barrier-free* path of travel required by Sentence (1).
- (8) The emergency power receptacle described in Sentence (7) shall be identified with a legible sign having the words **EMERGENCY POWER OUTLET** permanently mounted on the wall beside the receptacle.

### 3.8.3. Design Standards

#### 3.8.3.1. Accessibility Signs

- (1) Where a *building* is required to have a *barrier-free* entrance to accommodate disabled persons, signs incorporating the International Symbol of Accessibility shall be installed where necessary to indicate the location of ,
  - (a) that entrance, **and**
  - (b) **the location of** ramps located in a required *barrier-free* path of travel serving that entrance, **and**
  - (c) **an exterior passenger loading zone conforming to Sentence 3.8.2.2.(3), if one is provided.**
- (2) Where a washroom, elevator, telephone or parking area is required to accommodate **disabled** persons **with disabilities**, it shall be identified by a sign consisting of the **international symbol of accessibility for disabled persons** **International Symbol of Access** and such other graphic, tactile or written directions as are needed to indicate clearly the type of facility available.
- (3) Where a washroom is not designed to accommodate **disabled persons** **persons with disabilities** in a *storey* that is required by Article 3.8.2.1. to **which have** a *barrier-free* path of travel **is required**, signs shall be provided to indicate the location of **the a washroom required to be barrier-free** facilities.
- (4) Signs incorporating the **international symbol of accessibility for disabled persons** **International Symbol of Access** shall be installed where necessary to indicate the location of **the accessible** a *barrier-free* means of egress.

(5) **Characters, symbols or pictographs on** Where a wall mounted tactile **signs** sign is provided in a *building*, characters, symbols or pictographs on the sign shall, **if wall mounted**, be located not less than 1 200 mm and not more than 1 500 mm above the finished floor.

(6) Where a wall mounted tactile sign is provided in a *storey* that is not required by Article 3.8.2.1. to have a *barrier-free* path of travel, characters, symbols or pictographs on the sign shall conform to Sentence (5).

### 3.8.3.2. Exterior Walks

- (1) Except as provided in Sentence (2), exterior walks that form part of a *barrier-free* path of travel shall,
- (a) be provided by means of a continuous plane not interrupted by steps or abrupt changes in level,
  - (b) have a permanent, firm and slip-resistant surface,
  - (c) except as required in Sentence 3.8.1.3.(4), have an uninterrupted width of not less than 1 100 mm and a gradient not exceeding 1 in 20,
  - (d) be designed as a ramp where the gradient is greater than 1 in 20,
  - (e) have not less than 1 100 mm wide surface of a different texture to that surrounding it, where the line of travel is level and even with adjacent walking surfaces,
  - (f) be free from obstructions for the full width of the walk to a minimum height of 1 980 mm, except that handrails are permitted to project not more than 100 mm from either side into the clear area,
  - (g) have a level area adjacent to the entrance doorway conforming to Clause 3.8.3.4.(1)(c), **and**
  - (h) **have a tactile attention indicator conforming to Article 3.8.3.18. that is located to identify an entry into a vehicular route or area where no curbs or any other element separate the vehicular route or area from a pedestrian route.**
- (2) Where a difference in elevation between levels in a walkway is not more than 200 mm, a curb ramp conforming to Sentences (3) and (4) may be provided.
- (3) The curb ramp permitted by Sentence (2) shall,
- (a) have a running slope conforming to Table 3.8.3.2.,
  - (b) have a width of not less than **1 200** 1 500 mm exclusive of flared sides,
  - (c) have a surface including flared sides that shall,
    - (i) be slip-resistant,
    - (ii) have a detectable warning surface that is colour- and texture-contrasted with the adjacent surfaces, and
    - (iii) have a smooth transition from the ramp and adjacent surfaces, and
  - (d) have flared sides with a slope of not more than 1:10 where pedestrians are likely to walk across them.

**Table 3.8.3.2.  
Ramp Rise and Slope**

Forming Part of Sentence 3.8.3.2.(3)

Item	Column 1	Column 2
	Vertical Rise Between Surfaces, mm	Slope
1.	75 to 200	1:10 to 1:12
2.	less than 75	1:8 to 1:10

(4) Curb ramps described in Sentence (3) do not require handrails or *guards*.

### 3.8.3.3. Doorways and Doors

(1) Every doorway that is located in a *barrier-free* path of travel shall have a clear width of not less than **850** 860 mm when the door is in the open position.

(2) Except where no bathroom within the *suite* is at the level of the *suite* entrance door to which a *barrier-free* path of travel is provided in accordance with Sentence 3.8.2.1.(1), the doorway to at least one bathroom and to each bedroom at the same level as such bathroom within a *suite of residential occupancy* shall have, when the door is in the open position, a clear width of not less than,

- (a) 760 mm where the door is served by a corridor or space not less than 1 060 mm wide, and
- (b) 810 mm where the door is served by a corridor or space less than 1 060 mm wide.
- (3) Door opening devices that are the only means of operation shall ,
- (a) be of a design that does designed to be operable using a closed fist, and
- (b) be mounted not require tight grasping and twisting of less than 900 mm and not more than 1 100 mm above the wrist finished floor.
- (4) Except as permitted by Sentences (6) and Sentence (12), every door that provides a *barrier-free* path of travel through an *barrier-free* entrance referred to in required by Article 3.8.1.2. shall be equipped with a power door operator if the entrance serves,
- (a) a hotel,
- (b) a building containing a Group A, Group B, Division 2 or 3 occupancy, or
- (c) a building more than 300 m<sup>2</sup> in building area containing a Group A, C, Group D or Group E occupancy.
- (5) Except as permitted by Sentences (6) and (12), where the *barrier-free* entrance described in required by Article 3.8.1.2. incorporates a vestibule, a door leading from the vestibule into the *floor area* shall be equipped with a power door operator in
- (a) a hotel,
- (b) a building of containing a Group A, Group B, Division 2 or 3, occupancy, and
- (c) a building more than 300 m<sup>2</sup> in building area containing a Group A, C, Group D or [of (legislative typo)] Group E occupancy.
- (6) The requirements in Sentences (4) and (5) do not apply to an individual *suite* having an area of less than 300 m<sup>2</sup> in buildings having only *suites* of Group A, D or E occupancy. A door shall be equipped with a power door operator where such *suite* is completely cut off from the remainder of the the door serves,
- (a) a washroom for public use required to be *barrier-free*, or
- (b) a Group A occupancy within a Group C major occupancy apartment building.
- (7) Except as permitted in Sentence (8), and except for doors with power operators, closers for doors in a *barrier-free* path of travel shall be designed to permit doors to open when a force of not more than 38 N is applied to the handles, push plates or latch-releasing devices in the case of exterior doors and 22 N in the case of interior doors.
- (8) Sentence (7) does not apply to doors at the entrances to *dwelling units*, or where greater forces are required in order to close and latch the doors against prevailing differences in air pressures on opposite sides of the doors.
- (9) Except for doors at the entrances to *dwelling units*, closers for interior doors in a *barrier-free* path of travel shall have a closing period of not less than 3 seconds measured from when the door is in an open position of 70° to the doorway, to when the door reaches a point 75 mm from the closed position, measured from the leading edge of the latch side of the door.
- (10) Unless equipped with a power door operator, a door in a *barrier-free* path of travel shall have a clear space on the latch side extending the height of the doorway and not less than,
- (a) 600 mm beyond the edge of the door opening if the door swings toward the approach side, and
- (b) 300 mm beyond the edge of the door opening if the door swings away from the approach side, and
- (c) 300 mm beyond both sides of a sliding door.
- (11) Vestibules located in a *barrier-free* path of travel ,
- (a) shall be arranged to allow the movement of wheelchairs between doors, and
- (b) shall provide a distance between two ,
- (i) where the doors into the vestibule are in series, a distance between the doors of at least 1 200 1500 mm plus the width of any door that swings into the space in the path of travel from one door to another, and
- (ii) where the doors into the vestibule are not aligned, a turning diameter of 1 500 mm within the vestibule clear of any door swing.
- (12) Only the active leaf in a multiple leaf door in a *barrier-free* path of travel need conform to the requirements of this Article.
- (13) Except as provided in Clause 3.8.3.4.(1)(c), the floor surface on each side of a door in a *barrier-free* path of travel shall be level within a rectangular area,
- (a) as wide as the door plus the clearance required on the latch side by Sentence (10), and

(b) whose dimension perpendicular to the closed door is not less than the width of the *barrier-free* path of travel but need not exceed 1 500 mm.

(14) Where a vision panel is provided in a door in a *barrier-free* path of travel, such panel shall be at least 75 mm in width and be located so that,

- (a) the bottom of the panel is not more than 900 mm above the finished floor, and
- (b) the edge of the panel closest to the latch is not more than 250 mm from the latch side of the door.

(15) A door in a *barrier-free* path of travel consisting of a sheet of glass shall be marked with a continuous opaque strip that,

- (a) shall be colour and brightness contrasted to the background of the door,
- (b) shall be at least 50 mm wide,
- (c) shall be located across the width of the door at a height of 1 350 mm to 1 500 mm above the finished floor, and
- (d) may incorporate a logo or symbol provided such logo or symbol does not diminish,
  - (i) the opacity of the strip,
  - (ii) the width of the strip,
  - (iii) the colour and brightness contrast of the strip to the background of the door, and
  - (iv) the continuity of the strip across the width of the door.

(16) **The** Where a power door operator **required by Sentences (4) and (5)** is provided, it shall be installed on the latch side so as to allow persons to activate the opening of the door from either side.

(17) **The** Except where a proximity scanning device is installed in conformance with Sentence (18), the control for a power door operator required by **Sentences (4) and (5)** Sentence (4), (5) or (6) shall,

- (a) have **no** a face dimension of not less than **100**,
  - (i) 150 mm in diameter where the control is circular, or
  - (ii) 50 mm by 100 mm where the control is rectangular,
- (b) **have** be operable using a closed fist,
- (c) be located so that,
  - (i) its centre is located not less than **1 000** 900 mm and not more than 1 100 mm from the finished floor **level** or ground, or
  - (ii) it extends from not more than 200 mm to not less than 900 mm above the finished floor or ground,
- (d) be located not less than 600 mm and not more than 1 500 mm beyond the door swing where the door opens towards the control, and
- (e) be located in a clearly visible position, and
- (f) contain **the** a sign incorporating the International Symbol of **Accessibility** Access.

(18) A proximity scanning device that activates a power door shall be capable of detecting a person in a wheelchair.

(19) A normally occupied *floor area* that is not required by Article 3.8.2.1. to have a *barrier-free* path of travel shall comply with the following requirements:

- (a) all doorways in *public corridors* in the normally occupied *floor area* shall comply with Sentence (1),
- (b) door opening devices that are the only means of operation on doors in the normally occupied *floor area* shall comply with Sentence (3),
- (c) where a vision panel is provided in a door in the normally occupied *floor area*, the panel shall comply with Sentence (14),
- (d) doors consisting of a sheet of glass in the normally occupied *floor area* shall comply with Sentence (15), and
- (e) where a power door operator is installed for doors in the normally occupied *floor area*, it shall comply with Sentences (16) and (17).

#### 3.8.3.4. Ramps

- (1) Ramps located in a *barrier-free* path of travel shall,
  - (a) have a minimum width of 900 mm between handrails,
  - (b) have a maximum gradient of 1 in 12,

- (c) have a level area of at least 1 670 mm by 1 670 mm at the top and bottom of a ramp and where a door is located in a ramp, so that the level area extends at least 600 mm beyond the latch side of the door opening, except that where the door opens away from the ramp, the area extending beyond the latch side of the door opening may be reduced to 300 mm,
  - (d) have a level area at least 1 670 mm long and at least the same width as the ramp,
    - (i) at intervals of not more than 9 m along its length, and
    - (ii) where there is a **an abrupt** change of 90° or more in the direction of the ramp,
  - (e) except as provided in Sentence (2), be equipped with handrails on both sides that shall,
    - (i) be continuously graspable along their entire length and have circular cross-section with an outside diameter not less than 30 mm and not more than 40 mm, or any non-circular shape with a graspable portion that has a perimeter not less than 100 mm and not more than 155 mm and whose largest cross-sectional dimension is not more than 57 mm,
    - (ii) be not less than 865 mm and not more than 965 mm high, measured vertically from the surface of the ramp, except that handrails not meeting these requirements are permitted provided they are installed in addition to the required handrail,
    - (iii) be terminated in a manner that will not obstruct pedestrian travel or create a hazard,
    - (iv) extend horizontally not less than 300 mm beyond the top and bottom of the ramp,
    - (v) be provided with a clearance of not less than 50 mm between the handrail and any wall or *guard* to which it is attached, and
    - (vi) be designed and constructed such that handrails and their supports will withstand the loading values obtained from the nonconcurrent application of a concentrated load not less than 0.9 kN applied at any point and in any direction for all handrails and a uniform load not less than 0.7 kN/m applied in any direction to the handrail,
  - (f) except as provided in Sentence (2), have a wall or a *guard* on both sides and where a *guard* is provided the *guard* shall,
    - (i) be not less than 1 070 mm measured vertically to the top of the *guard* from the ramp surface, and
    - (ii) be designed so that no member, attachment or opening located between 140 mm and 900 mm above the ramp surface being protected by the *guard* will facilitate climbing, and
  - (g) be provided,
    - (i) with a curb at least 50 mm high on any side of the ramp where no solid enclosure or solid *guard* is provided, and
    - (ii) with railings or other barriers that extend to within 50 mm of the finished ramp surface or have a curb not less than 50 mm high, and
  - (h) **except as provided in Sentence (2), where the ramp is wider than 2 200 mm, have an intermediate handrail with a clear width of 900 mm between the intermediate handrail and one of the handrails described in Clause (e).**
- (2) Where a ramp serves as an aisleway for fixed seating, the requirements for handrails in **Clauses (1)(e) and (h) and for walls or guards in Clause (1)(f)** need not apply.
- (3) Floors or walks in a *barrier-free* path of travel having a slope steeper than 1 in 20 shall be designed as ramps.

### 3.8.3.5. Passenger Elevating Devices

(1) A passenger elevating device referred to in Article 3.8.2.1. shall conform to CAN/CSA-B355, “Lifts for Persons with Physical Disabilities”.

### 3.8.3.6. Wheelchair Spaces **in** and Adaptable Seating Area

- (1) Spaces designated for wheelchair use **in** required by Sentence 3.8.2.1.(4) shall be,
- (a) clear and level or level with removable seats,
  - (b) not less than 900 mm wide and **not less than,**
    - (i) 1 525 mm long **where designed** to permit a wheelchair to enter from a side approach, and
    - (ii) 1 220 mm long where **the designed to permit a** wheelchair **enters to enter** from the front or rear of the space,
  - (c) arranged so that ,
    - (i) at least two **of the** designated spaces are side by side, and
    - (ii) **at least one fixed seat for a companion is located beside,**
      - (A) **each group of designated spaces, if two or more designated spaces are arranged side by side in a group, and**
      - (B) **each designated space that is not part of a group described in Sub-subclause (A),**
  - (d) located adjoining a *barrier-free* path of travel without infringing on egress from any row of seating or any aisle requirements, and

(e) situated, as part of the designated seating plan, to provide a choice of viewing location and a clear view of the event taking place.

(2) Fixed seats designated for *adaptable seating* required by Sentence 3.8.2.1.(4) shall be,

(a) located adjoining a *barrier-free* path of travel without infringing on egress from any row of seating or any aisle requirements,

(b) equipped with a movable or removable armrest on the side of the seat adjoining the *barrier-free* path of travel, and

(c) situated, as part of the designated seating plan, to provide a choice of viewing location and a clear view of the event taking place.

(3) In an *assembly occupancy* with fixed seats, space shall be provided for the storage of wheelchairs and *mobility assistive devices* in accordance with the following requirements:

(a) at least one storage space not less than 810 mm by 1 370 mm shall be provided where the *assembly occupancy* has not more than 200 fixed seats and at least two such storage spaces shall be provided where the *assembly occupancy* has more than 200 fixed seats, and

(b) the storage space or spaces shall be located on the same level and in proximity to the spaces designated for wheelchair use and seats designated for *adaptable seating*.

### 3.8.3.7. Assistive Listening Devices

(1) In *buildings* of *assembly occupancy*, all classrooms, auditoria, meeting rooms and *theatres* with an area of more than 100 m<sup>2</sup> and an *occupant load* of more than 75 shall be equipped with assistive listening systems encompassing the entire seating area.

### 3.8.3.8. Water Closet Stalls

(1) Where a washroom is required by Article 3.8.2.3. to be *barrier-free*, at least one water closet stall or enclosure shall,

(a) be at least 1 500 mm in width by 1 500 mm in depth,

(1) Every *barrier-free* water closet stall in a washroom described in Sentence 3.8.2.3.(3) or (4) shall,

(a) have a clear turning space at least 1 500 mm in diameter,

(b) be equipped with a door that shall,

(i) be capable of being latched from the inside with a mechanism that is operable **by one hand** using a closed fist,

(ii) provide, when the door is in an open position, **have** a clear opening of at least **810 860** mm,

(iii) swing outward, unless **760 820** mm by **1 220 1 440** mm clear floor area is provided within the stall or enclosure to permit the door to be closed without interfering with the wheelchair,

(iv) be provided with spring-type or gravity hinges so that the door closes automatically,

(v) be provided with a door pull on **both sides** of the **outside** door, near the latch side of the door, **located at a height not less than 900 mm and not more than 1 100 mm above the finished floor,**

(vi) be aligned with **the** a clear **manoeuvring** transfer space **adjacent to** required by Subclause (2)(a)(ii) or Clause (2)(b), **and**

(vii) be capable of having the **water closet** latch required by Subclause (i) released from the outside in case of an **emergency,**

(c) **have** be equipped with a water closet **located so** conforming to Article 3.8.3.9. that **its centreline** is **not less than 460 mm** and not more than 480 mm from an adjacent side wall on one side **located in accordance with Clause (2)(a) or (b),**

(d) be equipped with grab bars that shall,

(i) be at least 760 mm in length and mounted at a 30° to 50° angle sloping upwards, away from the water closet with the lower end of the bar mounted 750 mm to 900 mm above the floor and 50 mm in front of the toilet bowl, or alternatively, be L-shaped with 760 mm long horizontal and vertical components mounted with the horizontal component 750 mm to 900 mm above the floor and the vertical component 150 mm in front of the toilet bowl,

(ii) be at least 600 mm in length mounted horizontally on the wall behind the water closet from 840 mm to 920 mm above the floor and, where the water closet has a water tank, be mounted 150 mm above the tank,

~~(iii)~~ Reserved

~~(iv)~~ be installed to resist a load of at least 1.3 kN applied vertically or horizontally,

~~(v)~~ be not less than 30 mm and not more than 40 mm in diameter,

~~(vi)~~ have a clearance of 30 mm to 40 mm from the wall, and

~~(vii)~~ have a slip resistant surface,

- (e) be equipped with a coat hook mounted not more than 1 200 mm above the finished floor on a side wall and projecting not more than 50 mm from the wall,
  - (f) have a clearance of at least 1 700 mm between the outside of the stall face and the face of an in-swinging washroom door and 1 400 mm between the outside of the stall face and any wall-mounted fixture or other obstruction, and
  - (g) **when** where a toilet paper dispenser is provided, provide a dispenser that is,
    - (i) wall mounted,
    - (ii) located below the grab bar,
    - (iii) in line with or not more than 300 mm in front of the toilet seat, and
    - (iv) not less than 600 mm above the **finished** floor.
- (2) A water closet described in Clause (1)(c) shall be,**
- (a) located so that,
    - (i) the centre line of the water closet is not less than 460 mm and not more than 480 mm from one side wall, and
    - (ii) a clear transfer space at least 900 mm wide and 1 500 mm deep is provided on the other side of the water closet,
- or
- (b) located so that a clear transfer space at least 900 mm wide and 1 500 mm deep is provided on each side of the water closet.
- (3) Where a water closet is located in accordance with Clause (2)(a),**
- (a) a grab bar conforming to Sentences (5) and (7) shall be provided on the side wall referred to in Subclause (2)(a)(i),
  - (b) a fold-down grab bar may be provided and, if one is provided, it shall conform to Sentence (8) and be provided on the side of the water closet opposite the grab bar described in Clause (a), and
  - (c) a grab bar conforming to Sentences (6) and (7) shall be provided on the wall behind the water closet.
- (4) Where a water closet is located in accordance with Clause (2)(b),**
- (a) a fold-down grab bar conforming to Sentence (8) shall be provided on each side of the water closet, and
  - (b) a grab bar conforming to Sentences (6) and (7) shall be provided on the wall behind the water closet.
- (5) A grab bar described in Clause (3)(a) shall,**
- (a) be continuous L-shaped with 760 mm long horizontal and vertical components, and
  - (b) be wall mounted with the horizontal component 750 mm above the finished floor and the vertical component 150 mm in front of the water closet.
- (6) A grab bar described in Clause (3)(c) or (4)(b) shall,**
- (a) be at least 600 mm in length, and
  - (b) be wall mounted horizontally from 840 mm to 920 mm above the finished floor and, where the water closet has a water tank, be wall mounted 150 mm above the tank.
- (7) A grab bar described in Clause (3)(a) or (c) or (4)(b) shall,**
- (a) be installed to resist a load of at least 1.3 kN applied vertically or horizontally,
  - (b) be not less than 35 mm and not more than 40 mm in diameter,
  - (c) have a clearance of 50 mm from the wall, and
  - (d) have a slip-resistant surface.
- (8) A fold-down grab bar described in Clause (3)(b) or (4)(a) shall,**
- (a) be mounted on the wall behind the water closet,
    - (i) with the horizontal component 750 mm above the finished floor, and
    - (ii) not less than 390 mm and not more than 410 mm from the centre line of the water closet,
  - (b) not require a force of more than 22.2 N to pull it down,
  - (c) be at least 760 mm in length,
  - (d) be installed to resist a load of at least 1.3 kN applied vertically or horizontally,
  - (e) be not less than 35 mm and not more than 40 mm in diameter, and
  - (f) have a slip-resistant surface.

- (9) A fold-down grab bar installed in accordance with Sentence (8) is permitted to encroach into,
  - (a) the clear turning space described in Clause (1)(a), or
  - (b) a clear transfer space described in Subclause (2)(a)(ii) or Clause (2)(b).
- (10) Where an ambulatory water closet stall is required by Sentence 3.8.2.3.(6), it shall,
  - (a) be at least 1 500 mm in depth and be not less than 890 mm and not more than 940 mm in width,
  - (b) be equipped with a door that shall,
    - (i) be capable of being latched from the inside with a mechanism that is operable using a closed fist,
    - (ii) when the door is in an open position, have a clear opening of at least 810 mm,
    - (iii) swing outward, unless the minimum dimensions in Clause (a) are not located within the door swing,
    - (iv) be provided with spring-type or gravity hinges so that the door closes automatically,
    - (v) be provided with a door pull on both sides of the door, near the latch side of the door, located at a height not less than 900 mm and not more than 1 000 mm above the finished floor, and
    - (vi) be capable of having the latch required by Subclause (i) released from the outside in the case of an emergency,
  - (c) be equipped with a water closet conforming to Article 3.8.3.9. and located so that its centre line is centred between the partition walls,
  - (d) be equipped on each side of the water closet with grab bars conforming to Clause (3)(a), and
  - (e) be equipped with a coat hook conforming to Clause (1)(e).

### 3.8.3.9. Water Closets

- (1) **Water closets for a person with physical disabilities** A water closet described in Clause 3.8.3.8.(1)(c) or (10)(c) or 3.8.3.12.(1)(d) shall,
  - (a) be equipped with a seat located at not less than 400 430 mm and not more than 460 485 mm above the finished floor,
  - (b) be equipped with hand-operated flushing controls that are easily accessible to a wheelchair user or be automatically operable,
  - (c) be equipped with a back support where there is no seat lid or tank, and
  - (d) not have a spring-activated seat.
- (2) Hand-operated flushing controls required by Clause (1)(b) shall be operable using a closed fist and with a force of not more than 22.2 N.

### 3.8.3.10. **Reserved** Urinals

- (1) Where more than one urinal is provided in a washroom described in Sentence 3.8.2.3.(3) or (4), at least one urinal shall be,
  - (a) wall mounted, with the rim located not more than 430 mm above the finished floor, or
  - (b) floor mounted, with the rim level with the finished floor.
- (2) A urinal described in Sentence (1) shall have,
  - (a) no step in front,
  - (b) a vertically mounted grab bar installed on each side of the urinal that,
    - (i) is not less than 300 mm long,
    - (ii) has its centre line 1 000 mm above the finished floor,
    - (iii) is located not less than 380 mm and not more than 450 mm measured horizontally from the vertical centre line of the urinal, and
    - (iv) complies with Sentence 3.8.3.8.(7), and
  - (c) a minimum depth of 345 mm measured from the outer face of the urinal rim to the back of the fixture.
- (3) Where manual flush controls are provided for a urinal described in Sentence (1), the flush controls shall be,
  - (a) operable using a closed fist, and
  - (b) mounted no higher than 1 200 mm above the finished floor.
- (4) Where privacy screens are installed for a urinal described in Sentence (1), they shall,
  - (a) be mounted a minimum of 460 mm from the centre line of the urinal, and



(b) have a clearance of at least 50 mm from the grab bars required by Clause (2)(b).

(5) Where more than one urinal is provided in a washroom described in Sentence 3.8.2.3.(6), at least one urinal conforming to Sentences (1) to (4) shall be provided in the washroom.

### 3.8.3.11. Lavatories

- (1) A *barrier-free* washroom described in Sentence 3.8.2.3.(2), (3) or (4) shall be provided with a lavatory that shall,
- (a) be located so that the distance between the centre line of the lavatory and the side wall is not less than 460 mm,
  - (b) be mounted so that the top of the lavatory or, where the lavatory is in a vanity, the top of the vanity is not more than 840 mm above the finished floor,
  - (c) have a clearance beneath the lavatory not less than,
    - (i) 760 920 mm wide,
    - (ii) 735 mm high at the front edge,
    - (iii) 685 mm high at a point 205 mm back from the front edge, and
    - (iv) 230 350 mm high over the distance from a point 280 mm to a point 430 300 mm back from the front edge to the wall,
  - (d) have insulated pipes where they would otherwise present a burn hazard or have water supply temperature limited to a maximum of 43°C,
  - (e) be equipped with faucet faucets that have lever type handles of the lever type without spring loading or be operate automatically operable and that are located so that the distance from the centre line of the faucet to the edge of the basin or, where the basin is mounted in a vanity, to the front edge of the vanity, is not more than 485 mm,
  - (f) have a minimum 1 370 mm deep floor space to allow for a forward approach, of which a maximum of 500 mm can be located under the lavatory,
  - (g) have a soap dispenser that is,
    - (i) located to be accessible to persons in wheelchairs,
    - (ii) located so that the dispensing height is not more than 1 200 mm above the finished floor, and
    - (iii) located not more than 610 mm, measured horizontally, from the edge of the lavatory, and
    - (iv) operable with one hand, and
  - (h) have a towel dispenser or other hand drying equipment that is,
    - (i) located to be accessible to persons in wheelchairs,
    - (ii) located so that the dispensing height is not more than 1 200 mm above the finished floor, and
    - (iii) operable with one hand, and
    - (iv) located not more than 610 mm, measured horizontally, from the edge of the lavatory.
- (2) If mirrors are provided installed in a *barrier-free* washroom described in Sentence 3.8.2.3.(2), (3) or (4), at least one mirror shall be,
- (a) installed above a lavatory required by Sentence (1), and
  - (b) mounted with its bottom edge not more than 1 000 mm above the finished floor, or inclined to the vertical to be usable by a person in a wheelchair.
- (3) If dispensing or hand-operated washroom accessories, except those located in toilet water closet stalls or described in Clause (1)(g), are provided, they shall be mounted so that ,
- (a) the dispensing height is between not less than 900 mm and not more than 1 200 mm above the finished floor,
  - (b) the controls or operating mechanisms are mounted not less than 900 mm and not more than 1 200 mm above the finished floor, and
  - (c) a minimum 1 370 mm deep floor space is provided in front of the controls or operating mechanisms to allow for a front approach.
- (4) Where a shelf is installed above a lavatory required by Sentence (1), it shall,
- (a) be located not more than 200 mm above the top of the lavatory and not more than 1 100 mm above the finished floor, and
  - (b) project not more than 100 mm from the wall.

(5) A washroom described in Sentence 3.8.2.3.(6) shall be provided with a lavatory conforming to Clauses (1)(e), (g) and (h).

### 3.8.3.12. Universal Toilet Rooms Washrooms

- (1) A universal toilet washroom shall,
- (a) be served by a barrier-free path of travel,
  - (b) have a door that is capable of being locked from the inside and released from the outside in case of emergency and that has,
    - (i) a graspable latch-operating mechanism located not less than 900 mm and not more than 1 000 mm above the finished floor,
    - (ii) if it is an outward swinging door, a door pull not less than 140 mm long located on the inside so that its midpoint is not less than 200 mm and not more than 300 mm from the hinged latch side of the door and not less than 900 mm and not more than 1 000 mm above the finished floor, and
    - (iii) if it is an outward swinging door, a door closer, spring hinges or gravity hinges, so that the door closes automatically,
  - (c) have one lavatory conforming to Article 3.8.3.11, Sentences 3.8.3.11.(1), (3) and (4),
  - (d) have one water closet conforming to the requirements of Article 3.8.3.9. and located,
    - (i) so that its centreline is not less than 460 mm and not more than 480 mm from an adjacent side wall on one side, and
    - (ii) not less than 1 020 mm to the wall on the other side,
  - (e) have grab bars conforming to Clause 3.8.3.8.(1)(d),
  - (d) have one water closet conforming to Article 3.8.3.9. that is located in accordance with Clause 3.8.3.8.(2)(a) or (b),
  - (e) have grab bars conforming to,
    - (i) Sentence 3.8.3.8.(3), if the water closet is located in accordance with Clause 3.8.3.8.(2)(a), or
    - (ii) Sentence 3.8.3.8.(4), if the water closet is located in accordance with Clause 3.8.3.8.(2)(b),
  - (f) have no internal dimension between walls that is less than 1 700 mm,
  - (g) have a coat hook conforming to Clause 3.8.3.8.(1)(e) and a shelf located not more than 1 200 mm above the finished floor,
  - (h) be designed to permit a wheelchair to back in alongside the water closet in the space referred to in Subclause (d)(ii),
  - (i) be designed to permit a wheelchair to turn in an open space not less than 1 500 1 700 mm in diameter, and
  - (i) be provided with a door equipped with a power door operator if the door is equipped with a self-closing device.
  - (j) be provided with a mirror,
    - (i) installed above a lavatory described in Clause (1)(c), and
    - (ii) mounted with its bottom edge not more than 1 000 mm above the finished floor or inclined to the vertical to be usable by a person in a wheelchair, and
  - (k) have lighting controlled by a motion sensor conforming to Sentence 12.2) Reserved.4.1.(2).
- (2) A universal washroom shall have,
- (a) an emergency call system that consists of audible and visual signal devices inside and outside of the washroom that are activated by a control device inside the washroom, and
  - (b) an emergency sign that contains the words **IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE** in letters at least 25 mm high with a 5 mm stroke and that is posted above the emergency button.
- (3) A clear space not less than 810 mm wide and 1 830 mm long shall be provided in each universal washroom for an adult-size change table.
- (4) Where the clear space provided for an adult-size change table is adjacent to a wall, reinforcement shall be installed in the wall to permit the future installation of the change table.
- (5) Where an adult-size change table is installed, it shall,
- (a) when fully loaded, have a surface height above the finished floor that can be adjusted from between 450 mm and 500 mm at the low range to between 850 mm and 900 mm at the high range,

- (b) be designed to carry a minimum load of 1.33 kN,
- (c) have a clear floor space parallel to the long side of the table not less than 760 mm wide and 1 500 mm long, and
- (d) in the case of a fold-down table,
  - (i) be installed so that it does not encroach into a clear transfer space described in Clause 3.8.3.8.(2)(a) or (b), and
  - (ii) have no operating mechanisms higher than 1 200 mm.
- (6) A universal washroom need not conform to Sentences (3) and (4) if,
  - (a) it is located in an individual *suite* that,
    - (i) is used for an *assembly occupancy*, a *business and personal services occupancy*, a *mercantile occupancy* or an *industrial occupancy*, and
    - (ii) is less than 300 m<sup>2</sup> in *building area*, or
  - (b) another universal washroom conforming to this Article is provided on the same floor level within 45 m.

**3.8.3.13. Showers and Bathtubs**

(1) Except within a *suite* of *residential occupancy*, if showers are provided in a *building*, at least one shower stall in each group the number of *barrier-free* showers shall be conform to Table 3.8.3.13.

**Table 3.8.3.13.  
Minimum Number of Barrier-Free Showers**

Forming Part of Sentence 3.8.3.13.(1)

Item	Column 1	Column 2
	Number of Showers provided in a Group	Minimum Number of Showers Required to Be <i>Barrier-Free</i>
1.	1	0
2.	2 to 7	1
3.	Over 7	1, plus 1 for each additional increment of 7 showers in a group

- (2) A *barrier-free* and shower required by Sentence (1) shall,
- (a) be not less than 1 500 mm wide and 900 mm deep,
  - (b) have a clear floor space at the entrance to the shower not less than 900 mm deep and the same width as the shower, except that fixtures are permitted to project into that space provided they do not restrict access to the shower,
  - (c) have a slip-resistant floor surface,
  - (d) have a **threshold that is level with the adjacent finished floor or a** bevelled threshold not more than 13 mm higher than the **adjacent** finished floor,
  - (e) have a hinged seat that is not spring-loaded or a fixed seat that shall be,
    - (i) not less than 450 mm wide and 400 mm deep,
    - (ii) mounted **approximately 450** not less than 430 mm and not more than 485 mm above the **finished** floor, and
    - (iii) designed to carry a minimum load of 1.3 kN, and
    - (iv) **located so that the edge of the seat is within 500 mm of the shower controls,**
  - (f) have a wall mounted **continuous L-shaped grab bar conforming to Sentence 3.8.3.8.(7) and located between the shower head and the controls, with the horizontal component of the grab bar mounted not more than 850 mm above the finished floor,**
  - (g) have a pressure-equalizing or thermostatic mixing valve controlled by a lever or other device operable with using a closed fist from the seated position,
  - (h) have a hand-held shower head with not less than 1 500 mm of flexible hose located so that it can be reached from the seated position and equipped with a support so that it can operate as a fixed shower head, and
  - (i) have fully recessed soap holders that can be reached from the seated position.

(3) Individual shower stalls showers that are provided for use by patients or residents in buildings of Group B, Division 2 or 3 occupancy shall conform to the requirements of Sentence (2).

(4) Individual bathtubs that are provided for the use of patients or residents in buildings of Group B, Division 2 or 3 occupancy shall have,

(a) faucet faucets that have lever type handles of the lever type that are not without spring-loaded loading or be that operate automatically operable,

(b) faucet handles that are located so as to be usable by a person seated in the bathtub, and

(c) unless the bathtub is free-standing, an a continuous L-shaped grab bar conforming to Subclauses Sentence 3.8.3.8.(7) with each leg of the "L" being at least 900 mm long horizontal and vertical components mounted with the legs of the "L" being separated by 90°,

(i) the horizontal leg of the "L" being component located between not less than 150 mm and not more than 200 mm above and parallel to the rim of the bathtub, and

(ii) the vertical leg of the "L" being component located between not less than 300 mm and not more than 450 mm from the control end of the bathtub, and

(d) unless the bathtub is free-standing, a grab bar conforming to Sentence 3.8.3.8.(7) that is located at each end of the bathtub and is,

(i) at least 760 mm long,

(ii) mounted vertically from a point 200 mm above the rim of the bathtub, and

(iii) mounted within 150 mm from the edge of the bathtub, measured horizontally.

(5) Where a barrier-free bathtub is provided, a clear floor space at least 900 mm wide and 1 440 mm long shall be provided along the full length of the bathtub.

#### 3.8.3.14. Reserved

#### 3.8.3.15. Shelves or Counters for Telephones

(1) Where more than one telephone is provided for public use, a built-in shelves or counters are provided for public telephones, they shelf or counter shall be level and provided for at least one telephone.

(2) A shelf or counter described in Sentence (1) shall,

(a) be level,

(b) be not less than 500 mm wide and 350 mm deep, and

(c) have, for each telephone provided, a clear space that,

(i) is not less than 250 810 mm wide having and 1 370 mm deep, centred on the telephone, and

(ii) has no obstruction within 250 mm above the surface.

(3) The top surface of a section of the shelf or counter described in Sentence (1) serving at least one telephone shall,

(a) be located not less than 775 mm and not more than 865 875 mm from the finished floor, and

(b) have a knee space not less than 685 740 mm high.

(4) Where a wall-hung telephone is provided above the shelf or counter section described in Sentence (3), it shall be located so that the receiver and coin or card slot are not more than 1 200 mm from the finished floor.

(5) Where more than one telephone is provided for public use in a normally occupied floor area that is not required by Article 3.8.2.1. to have a barrier-free path of travel, a built-in shelf or counter that conforms to Sentences (2), (3) and (4) shall be provided for at least one telephone.

#### 3.8.3.16. Drinking Fountains

(1) Where more than one drinking fountains are fountain is provided, at least one shall be a barrier-free fountain that conforms to Sentences (2) and (3).

(2) A barrier-free drinking fountain shall,

(a) have a spout located near the front of the unit not more than 915 mm above the finished floor, and

(b) be equipped with controls that are easily operated from a wheelchair using one hand with a force of not more than 22 N or be operates automatically operable,

(c) project the water at least 100 mm high,

(d) provide the water stream at a vertical angle of up to,

(i) 30°, where the spout is located less than 75 mm from the front of the fountain, or

- (ii) 15°, where the spout is located not less than 75 mm and not more than 125 mm from the front of the fountain, be detectable by a cane at a level at or below 680 mm from the finished floor, and
- (e) where the drinking fountain is cantilevered, meet the following requirements:
  - (f) be mounted not more than 915 mm above the finished floor,
    - (i) provide a clearance height under the fountain of not less than 735 mm above the finished floor,
    - (ii) have a clear depth under the fountain of not less than 500 mm,
    - (iii) have a clear width under the fountain of not less than 760 mm,
    - (iv) have a toe clearance height under the fountain of at least 350 mm above the finished floor from a point 300 mm back from the front edge to the wall, and
    - (v) have a depth at the base of the fountain of at least 700 mm.
- (3) A *barrier-free* drinking fountain required by Sentence (1) shall have a clear floor space in front of, or adjacent to, the fountain that is a minimum of 810 mm deep and 1 370 mm wide.
- (4) Where more than one drinking fountain is provided in a normally occupied *floor area* that is not required by Article 3.8.2.1. to have a *barrier-free* path of travel, at least one shall be a *barrier-free* fountain that conforms to Sentences (2) and (3).

### 3.8.3.17. Platforms

- (1) A tactile attention indicator conforming to Article 3.8.3.18. shall be installed along any edge of a platform that is,
  - (a) not protected by a *guard*, and
  - (b) higher than 250 mm above the finished floor or ground or sloped steeper than 1 in 3.
- (2) Sentence (1) does not apply to the front edges of *stages*.

### 3.8.3.18. Tactile Attention Indicators

- (1) Where a tactile attention indicator is required, it shall conform to Clauses 4.1.1. and 4.1.2. of ISO 23599, “Assistive Products for Blind and Vision-Impaired Persons – Tactile Walking Surface Indicators”.

## Section 3.11. Public Pools

### 3.11.3. Pool and Pool Deck Design and Construction Requirements for all Class A and Class B Pools

#### 3.11.3.1. Construction Requirements

- (1) Except as otherwise required in Subsections 3.11.4., 3.11.5., 3.11.6. and 3.11.7. or otherwise exempted in Sentences (2) and (3), Class A pools and Class B pools shall be designed and constructed to comply with Sentences (2) to (26) and Articles 3.11.3.2. and 3.11.3.3.
- (2) Where a Class B pool is constructed for use solely in conjunction with a club, child care facility, *day camp* or establishment or institution for the care of persons who are infirm, aged or in custodial care, the pool shall be exempt from the requirements of Clause (9)(a) and Sentences (13) and (14).
- (3) Where a Class B pool is constructed for use solely in conjunction with an establishment or institution for the treatment of persons with disabilities or persons who are disabled or ill, the pool shall be exempt from the requirements of Sentences (6) and (7), Clause (9)(a) and Sentences (13) and (14).
- (4) A *public pool* shall be constructed to have a water depth of not less than 750 mm except for,
  - (a) a *modified pool*,
  - (b) a *wave action pool*,
  - (c) a pool for therapeutic use,
  - (d) a beach entry ramp, and
  - (e) a pool described in Sentence 3.11.5.2.(1).
- (5) The beach entry ramp permitted in Clause (4)(d) shall be protected with permanent barriers between 900 mm to 1 200 mm along the *pool deck* to prevent entry into the pool until the minimum water pool depth is 750 mm.
- (6) Except for a *modified pool*, a *wave action pool* and a pool used exclusively for scuba diving, the slope of the bottom of any portion of a *public pool* shall not exceed,
  - (a) 8% where the water depth is 1 350 mm or less,
  - (b) 33% where the water depth is more than 1 350 mm and less than 2 000 mm, and

- (c) 50% where the water depth is 2 000 mm or more.
- (7) Except for a *modified pool* and *wave action pool*, where the slope of any portion of the bottom of a *public pool* is more than 8%, the walls of the pool shall be equipped with recessed fittings to which a safety line supported by buoys can be attached across the surface of the water and the recessed fittings shall be installed at a horizontal distance of at least 300 mm measured from the vertical projection of the top of the slope in the direction of the shallow end of the pool.
- (8) Except for a *modified pool*, *wave action pool* and a pool described in Sentence 3.11.5.2.(1), the side and end walls of a *public pool* shall be vertical from the top of the walls to within 150 mm of the bottom except at steps or recessed ladders or in water depths of 1 350 mm or more.
- (9) Except for a *modified pool* and *wave action pool* and except as provided in Sentence (11), a *public pool* shall be surrounded by a hard-surfaced *pool deck* that shall,
- except for a pool described in Sentence 3.11.5.2.(1), be not less than 1 800 mm wide and provide at least 900 mm width of clear passage,
    - behind any *diving board* and its supporting structure, and
    - between any column piercing the deck and the edge of the pool or between the column and outer perimeter of the *pool deck*,
  - in the case of an *outdoor pool*, be sloped away from the pool to waste drains or to adjacent lower ground at a slope of between 2% and 4%, and
  - in the case of an *indoor pool*, be impervious and sloped away from the pool to waste drains at a slope of between 1% and 4%.
- (10) Where a *public pool* is constructed with a ledge, the ledge shall,
- be placed only in parts of the pool where the water depth is 1 350 mm or more,
  - be not more than 200 mm wide,
  - be at least 1 000 mm below the water surface,
  - where located on the side of the pool, be gradually tapered towards the shallow end of the pool in such a manner as to prevent a harmful obstruction, and
  - have a band of contrasting colour along the entire juncture of the side and top of the ledge.
- (11) Notwithstanding Sentences (12) to (16), where a *public pool* is constructed on any level surface with walls rising above that surface and has a constant water depth not exceeding 1 100 mm and a water surface area not exceeding 100 m<sup>2</sup>, the *pool deck* may be an elevated platform surrounding the pool if it has,
- an unobstructed width of not less than 900 mm,
  - a height of at least 75 mm above grade or pavement elevation,
  - 6 mm wide openings for drainage, and
  - a non-slip surface that is capable of being kept clean and disinfected.
- (12) Except for a *modified pool* and *wave action pool*, where a *pool deck* projects over the water surface, the projection shall not exceed 50 mm.
- (13) Except for a *modified pool* and *wave action pool*, the *pool deck* shall be separated from any adjacent spectator area or gallery and from any spectator access to such area or gallery by a gate or other barrier.
- (14) Except for a *modified pool* and *wave action pool*, the perimeter of the *pool deck* shall be clearly delineated by **painted lines or other means** a tactile attention indicator conforming to Article 3.8.3.18. and located where any area contiguous to the *pool deck* may be confused with the deck.
- (15) Perimeter drainage shall be provided where necessary to prevent surface run-off from draining onto the *pool deck*.
- (16) Except for a *modified pool*, one or more hose bibs shall be installed near the perimeter of the *pool deck* in locations convenient for flushing the *pool deck*.
- (17) Except for a *modified pool* and *wave action pool*, where access to the pool enclosure is over any surface that is not subject to regular cleaning and sanitizing, a foot spray to wash feet by means of a spray running freely to waste shall be provided at each such access.
- (18) Except for a *modified pool* and *wave action pool*, at least ,
- one ladder or set of steps shall be provided in both the deep and shallow areas of a *public pool* for entry into and egress from the pool water, and
  - one barrier-free access shall be provided for entry into and egress from the water of a *public pool* as required by Article 3.11.3.3.

(19) The *pool deck*, the submerged parts of a *public pool*, the walls or partitions adjacent to a *pool deck* and the pavement or floor adjacent to a *pool deck* shall have surfaces that permit thorough cleaning.

(20) Except for markings for safety or competition purposes, submerged surfaces in *public pools* shall be finished white or light in colour.

(21) Except in a *modified pool*, a black disc 150 mm in diameter on a white background shall be affixed to the bottom of a *public pool* within the area of its greatest depth.

(22) A *public pool* shall be equipped with lockable doors or other barriers capable of preventing public access to the *pool deck*.

(23) Except for a *modified pool*, *wave action pool* or a pool installed at a *recreational camp*, a Class A pool shall be provided with,

(a) where the water surface area is greater than 150 m<sup>2</sup> but not greater than 230 m<sup>2</sup>, at least one lifeguard control station, and

(b) where the water surface area is greater than 230 m<sup>2</sup>, at least two lifeguard control stations.

(24) Except for a *modified pool*, every *public pool* shall display on the deck clearly marked figures, not less than 100 mm high, that set out,

(a) the water depths indicating the deep points, the breaks between gentle and steep bottom slopes and the shallow points,

(b) the words **SHALLOW AREA** at one or more appropriate locations, and

(c) where the water depth exceeds 2 500 mm, the words **DEEP AREA** at one or more appropriate locations.

(25) Except for a *modified pool* and a pool to which Sentence 3.11.5.1.2.(2) applies, every *public pool* having a maximum water depth of 2 500 mm or less shall display a warning notice posted in a location clearly visible to divers on which **is are** printed in letters at least 150 mm high, the words **CAUTION — AVOID DEEP DIVES** or **SHALLOW WATER — NO DIVING**.

(26) Except where no space is provided between ladder treads and the pool wall, the space between the pool wall and submerged portions of any treads of a ladder for entry into and egress from the water shall be not more than 150 mm and not less than 75 mm.

### 3.11.3.2. Barrier-Free Path of Travel for Outdoor Pool Deck

(1) Where an *outdoor pool* is provided, a *barrier-free* path of travel shall be provided to and throughout the normally occupied portions of the *pool deck*.

### 3.11.3.3. Access into Public Pools

(1) Access for entry into and egress from the water of a *public pool* provided in a *storey* that is required by Article 3.8.2.1. to have a *barrier-free* path of travel shall be *barrier-free* and shall be provided by,

(a) a ramp conforming to,

(i) Article 3.11.5.1., and

(ii) Article 3.11.5.2., in the case of a pool described in Sentence 3.11.5.2.(1), or

(b) a pool lift conforming to the manufacturer's specifications and installation instructions and conforming to Sentences (2) to (6).

(2) Except where the entire pool depth is greater than 1 220 mm, where a pool lift is installed, at least one lift shall be located where the water level does not exceed 1 220 mm.

(3) The centre line of the seat for the pool lift shall be located over the deck and a minimum of 400 mm from the edge of the pool when in the raised position.

(4) A clear deck space located parallel with the seat for the pool lift and on the side of the seat opposite the water shall,

(a) be at least 915 mm wide, and

(b) extend forward not less than 1 220 mm from a line located 305 mm behind the rear edge of the seat.

(5) The pool lift shall be,

(a) designed to be operable without assistance from both the deck and water, and

(b) designed so that, when in use, its controls and operating mechanisms are unobstructed.

(6) The pool lift shall,

(a) have a weight capacity of at least 135 kg, and

(b) be capable of sustaining a static load of at least 1.5 times the rated load.

### 3.11.5. Ramps into Public Pools

#### 3.11.5.1. Ramps into Public Pools

(1) Where *barrier-free* access for entry into and egress from the water of a *public pool* is provided by a ramp as required by Clause 3.11.3.3.(1)(a), the pool shall be designed and constructed in accordance with Sentences (2) to (4).

(2) A ramp shall have,

(a) along each side a handrail that,

(i) has a height of not less than 865 mm and not more than 965 mm, and

(ii) runs parallel to the slope of the ramp,

(b) a width of at least 1 100 mm,

(c) a curb or other means to prevent a wheelchair from falling off the side of the ramp,

(d) surface finishes capable of being kept clean, sanitary and free from slipperiness, and

(e) a landing at the bottom at least 1 500 mm in length and the same width as the ramp.

(4) Notwithstanding Sentence 3.11.3.1.(25), a warning notice, on which is printed in letters at least 150 mm high, the words

**CAUTION — NO DIVING**, shall be posted conspicuously on each wall or fence line enclosing the pool.

(5) There shall be a curb along the perimeter of the pool except at steps, ladders and ramp entrances.

(6) The curb shall have,

(a) a height of 50 mm,

(b) rounded edges,

(c) a coved base, and

(d) a raised nosing at the top to serve as a fingerhold for a bather in the water.

(3) Where a ramp that is not submerged is adjacent to the pool wall and is used for access to the water, the pool shall be constructed so that,

(a) the landing at the bottom of the ramp is at least 450 mm but not more than 550 mm below the top of the wall separating the ramp from the pool,

(b) the landing is equipped with a floor drain at its lowest point,

(c) the top of the wall between the pool and the ramp is at least 250 mm and not more than 300 mm in width,

(d) the *pool deck* is capable of accommodating a movable barrier separating the deck from the ramp,

(e) the water depth at the landing shall be accurately and clearly marked at the landing in figures at least 100 mm high on the top of the wall separating the pool from the ramp, and

(f) the ramp shall have a slope not exceeding 8% 1 in 12.

(4) Where a submerged ramp is adjacent to the pool wall and is used for access to the water, the pool shall be constructed so that,

(a) the water depth at the bottom of the ramp is at least 600 mm and not greater than 900 mm,

(b) a hard-surfaced area that is at least 750 mm wide is contiguous to the entire length of the part of the submerged ramp that pierces any part of the deck,

(c) the area described in Clause (b) is capable of accommodating a movable barrier that separates separating the area from the deck,

(d) the finishes in submerged portions of the ramps and curbs are different in colour or shade from each other and from that of the pool walls and bottom, and

(e) the submerged ramp has a slope not exceeding 1 in 9.

#### 3.11.5.2. Public Pools in Group B, Division 2 or 3 Major Occupancies

(1) Despite Sentences 3.11.3.1.(4) and (8) and Clause 3.11.3.1.(9)(a), where a *public pool* is constructed in a *building* containing a Group B, Division 2 or 3 *major occupancy* and has a water depth not exceeding 1 500 mm and a water surface area not exceeding 100 m<sup>2</sup>, the *pool deck* contiguous to not more than 50% of the total perimeter of the pool may be replaced by one or more ramps that will permit a bather seated in a wheelchair to enter the water with or without the wheelchair.

(2) Despite Sentence 3.11.3.1.(25), a warning notice, on which are printed in letters at least 150 mm high the words **CAUTION — NO DIVING**, shall be posted conspicuously on each wall or fence line enclosing a pool described in Sentence (1).



- (3) There shall be a curb along the perimeter of a pool described in Sentence (1) except at steps, ladders and ramp entrances.
- (4) The curb required by Sentence (3) shall have,
  - (a) a height of 50 mm,
  - (b) rounded edges,
  - (c) a coved base, and
  - (d) a raised nosing at the top to serve as a fingerhold for a bather in the water.

### 3.11.6. Modified Pools

#### 3.11.6.1. Construction Requirements

- (1) A *modified pool* is exempt from Sentences 3.11.3.1.(4) to (9), (12), (13), (14), (16), (17), (18), (21), (23), (24) and (25) of Article 3.11.3.1. and , Sentence 3.11.8.1.(12) and Article 3.11.3.3.
- (2) A *modified pool* shall be designed and constructed to comply with Sentences (3) to (9).
- (3) A *modified pool* and its *pool deck* shall be constructed of hard-surfaced material that permits thorough cleaning.
- (4) The slope of the bottom of any portion of a *modified pool* shall not exceed 8% 1 in 12.
- (5) The depth of the water in any portion of a *modified pool* shall not be more than 1 800 mm.
- (6) A *modified pool* shall be surrounded on all sides by a hard-surfaced *pool deck* that shall,
  - (a) be at least 3 m wide,
  - (b) have a continuous crest surrounding the pool at least 100 mm above the pool water surface, and
  - (c) be sloped to shed water from the crest to the outer perimeter of the *pool deck*.
- (7) A *modified pool* shall be provided with two or more drain fittings covered with protective grilles with openings having an aggregate area of at least 10 times the internal cross-sectional area of the outlet pipe or pipes connected to the *recirculation system* that is capable of completely draining the pool.
- (8) Provision shall be made for lifeguard control stations adjacent to the edge of the water at intervals of not more than 60 m.
- (9) The bottom of a *modified pool* shall be marked with continuous black contour lines,
  - (a) 150 mm wide located where the water depth is 600 mm, and
  - (b) 300 mm wide located where the water depth is 1 200 mm.

### 3.11.7. Wave Action Pools

#### 3.11.7.1. Construction Requirements

- (1) A *wave action pool* is exempt from Sentences 3.11.3.1.(4) to (9), (12) to, (13), (14), (17), (18) and (23) of Article 3.11.3.1. and, Sentence 3.11.8.1.(12) and Article 3.11.3.3.
- (2) A *wave action pool* shall be designed and constructed to comply with Sentences (3) to (11).
- (3) The slope of the bottom of any portion of a *wave action pool*,
  - (a) shall not exceed 8% 1 in 12 where the still water depth is less than 1 000 mm, and
  - (b) shall not exceed 11% 1 in 9 where the still water depth is 1 000 mm or more.

## Section 3.12. Public Spas

### 3.12.3. Ramps and Access into Public Spas

#### 3.12.3.1. Ramps into Public Spas

- (1) Not more than 50% of the total perimeter of a *public spa* may be replaced by one or more ramps that permit a bather seated in a wheelchair to enter the water with or without the wheelchair.
- (2) If a *public spa* has one or more ramps described in Sentence (1), the *public spa* shall comply with Article 3.11.5.1. and Sentences 3.11.5..2.(3) and (4).

#### 3.12.3.2. Access into Public Spas

- (1) Where more than one *public spa* is provided within a *suite* located on a *storey* that is required by Article 3.8.2.1. have a *barrier-free* path of travel, a *barrier-free* access described in Sentence (2) shall be provided to at least one *public spa*.
- (2) *Barrier-free* access for entry into and egress from a *public spa* shall be provided by,

- (a) a ramp conforming to Article 3.12.3.1.,
  - (b) a pool lift conforming to the manufacturer's specifications and installation instructions and conforming to Sentences 3.11.3.3.(2) to (6), or
  - (c) a transfer wall conforming to Sentences (3) to (5).
- (3) A transfer wall providing *barrier-free* access for entry into and egress from a *public spa* shall,
- (a) have a height not less than 405 mm and not more than 485 mm measured from the *pool deck*,
  - (b) have a depth of at least 300 mm and not more than 400 mm,
  - (c) be slip-resistant and have edges that are rounded, and
  - (d) have at least one grab bar that,
    - (i) is perpendicular to the pool and extends the full depth of the transfer wall,
    - (ii) is located not less than 100 mm and not more than 150 mm above the transfer wall,
    - (iii) has a clearance of at least 610 mm on both sides,
    - (iv) complies with Clauses 3.8.3.8.(7)(a) and (b), and
    - (v) is made of a slip-resistant material.
- (4) The deck area required to make a lateral transfer to the transfer wall shall,
- (a) be outside and adjacent to the *barrier-free* path of travel described in Sentence (1),
  - (b) have no obstructions at the side of the transfer wall serving the transfer space,
  - (c) have a clear space of 900 mm by 2 200 mm, and
  - (d) have a slope less than 2% provided at the base of the transfer wall surface.
- (5) The deck area described in Clause (4)(c) shall be centred on,
- (a) the grab bar where one grab bar is provided, or
  - (b) the clear space between the grab bars where more than one grab bar is provided.

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## Section 3.13. Rapid Transit Stations

### 3.13.8. Barrier-Free Design

#### 3.13.8.1. Application

- (1) Except as provided in this Subsection, the requirements in Section 3.8. apply to *rapid transit stations*.
- (2) *A rapid transit station need not be provided with more than one barrier-free entrance described in Article 3.8.1.2.*
- (3) At least one *barrier-free* path of travel shall be provided from **an** *a barrier-free* entrance described in Article 3.8.1.2.,
  - (a) into the *fare-paid area*, and
  - (b) to each platform.

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#### 3.13.8.3. Elevator Requirements

- (1) Except as provided in Sentence (2), the elevator **described** in Article 3.13.8.2. shall be capable of providing transportation from each platform to **an** *a barrier-free* entrance described in Article 3.8.1.2.
  - (2) Where it is necessary to change elevators to reach the entrance described in Sentence (1), the elevator system shall be designed so that not more than one change of elevator is required between,
    - (a) a platform and a *fare-paid area control*, and
    - (b) the *fare-paid area control* and the entrance.
-

**DIVISION B ACCEPTABLE SOLUTIONS**  
**HOUSING AND SMALL BUILDINGS**  
**PART 9**

**Section 9.5. Design of Areas, Spaces and Doorways**

**9.5.2. Barrier-Free Design**

**9.5.2.3. Stud Wall Reinforcement**

(1) If wood wall studs or sheet steel wall studs enclose the main bathroom in a *dwelling unit*, reinforcement shall be installed to permit the future installation of a grab bar on the following:

- (a) for a water closet, a grab bar described in the location required by Clause 3.8.3.8.(3)(a) and
- (b) a shower or bathtub a grab bar described in the location required by Clause 3.8.3.8.(3)(c),
- (b) for a shower, a grab bar described in Clause 3.8.3.13.(2)(f), and
- (c) for a bathtub, a grab bar described in Clause 3.8.3.13.(4)(c).

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**Section 9.8. Stairs, Ramps, Handrails and Guards**

**9.8.9. Construction**

**9.8.9.6. Finish for Treads, Landings and Ramps**

(1) Except as required in by Sentence (5), the finish for treads, landings and ramps shall be,

- (a) wear-resistant,
  - (b) slip-resistant, and
  - (c) smooth, even and free from open defects.
- (2) The finish for treads, landings and ramps in *dwelling units*, including those from an attached garage serving a single *dwelling unit*, shall be deemed to comply with Sentence (1) where these treads, landings or ramps are finished with,
- (a) hardwood,
  - (b) vertical grain softwood,
  - (c) resilient flooring,
  - (d) low-pile carpet,
  - (e) mat finish ceramic tile,
  - (f) concrete, or
  - (g) for stairs to unfinished *basements* and to garages, plywood.
- (3) Stairs and ramps, except those serving a single *dwelling unit* or, *service rooms* or *service spaces*, shall have either a colour contrast or a distinctive **visual** pattern to demarcate,
- (a) the leading edge of the treads,
  - (b) the leading edge of the landing, and
  - (c) the beginning and end of a ramp.
- (4) Except for stairs serving a single *dwelling unit*, *service rooms* or *service spaces*, a tactile attention indicator conforming to Article 3.8.3.18. shall be installed,
- (a) at the top of the stairs starting one tread depth back from the edge of the top stair, and
  - (b) at the leading edge of landings where a doorway opens onto stairs.
- (5) Treads and landings of interior and exterior stairs and ramps, other than those within *dwelling units*, shall have a slip-resistant finish or be provided with slip-resistant strips that extend not more than 1 mm above the surface.
-

## Section 9.10. Fire Protection

### 9.10.19. Smoke Alarms

#### 9.10.19.1. Required Smoke Alarms

(1) *Smoke alarms* conforming to CAN/ULC-S531, “Smoke Alarms”, shall be installed in each *dwelling unit* and in each sleeping room not within a *dwelling unit*.

(2) *Smoke alarms* described in Sentence (1) shall have a visual signalling component conforming to the requirements in 18.5.3. (Light, Color and Pulse Characteristics) of NFPA 72, “National Fire Alarm and Signaling Code”.

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#### 9.10.19.3. Location of Smoke Alarms

(1) Within *dwelling units*, sufficient *smoke alarms* shall be installed so that,

(a) there is at least one *smoke alarm* installed on each *storey*, including *basements*, and

(b) on any *storey* of a *dwelling unit* containing sleeping rooms, a *smoke alarm* is installed,

(i) in each sleeping room, and

(ii) in a location between the sleeping rooms and the remainder of the *storey*, and if the sleeping rooms are served by a hallway, the *smoke alarm* shall be located in the hallway.

(2) A *smoke alarm* required in Sentence (1) shall be installed in conformance with CAN/ULC-S553, “Installation of Smoke Alarms”.

(3) A *smoke alarm* required in Sentence (1) shall have a visual signalling component conforming to the requirements in 18.5.3. (Light, Color and Pulse Characteristics) of NFPA 72, “National Fire Alarm and Signaling Code”.

(4) *Smoke alarms* required in Article 9.10.19.1. and Sentence (1) shall be installed on or near the ceiling.

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## DIVISION B ACCEPTABLE SOLUTIONS

### Part 11 Renovation

#### Section 11.3. Proposed Construction

##### 11.3.3. Renovation

###### 11.3.3.2. Extensive Renovation

(1) Where existing interior walls or ceilings or floor assemblies or roof assemblies are substantially removed in an existing *building* and new interior walls, ceilings, floor assemblies or roof assemblies are installed in the *building*, structural and fire-resistance elements shall be constructed in compliance with the requirements of the other Parts.

(2) Except as provided in Section 11.5., the proposed *construction* within an existing *suite* shall comply with the requirements of Section 3.8. where,

(a) the existing interior walls or floor assemblies within the *suite* are substantially removed in an existing *building*,

- (a) new interior walls or floor assemblies are installed,
- (b) the *suite* has an area greater than 300 m<sup>2</sup>, and
- (c) the *suite* is located on in,
- (i) a *floor area* where the existing difference in elevation between the adjacent ground level and the floor level is not more than 200 mm, or
- (ii) a normally occupied *floor area* which is accessible by a passenger type elevator or other platform equipped passenger elevating device from an entrance *storey* where the existing difference in elevation between the adjacent ground level and the entrance *storey* level is not more than 200 mm.

(3) Except as provided in Sentence Section 11.5., the proposed *construction* within an existing *suite* shall comply with the requirements of Sentences 3.8.1.3.(6), 3.8.2.3.(6), 3.8.3.1.(6), 3.8.3.3.(19), 3.8.3.7.(1), 3.8.3.15.(5) and 3.8.3.16.(4) where new interior walls or floor assemblies are installed and only one of the following requirements is met:

- (a) the *suite* has an area greater than 300 m<sup>2</sup>, or
- (b) the *suite* is located in a *floor area* described in Subclause (2)(c)(i) or in a normally occupied *floor area* described in Subclause (2)(c)(ii).

(4) Except as provided in Sentence (5), where existing interior walls or ceilings or floor assemblies or roof assemblies are substantially removed on any *storey* in an existing *building* and new interior walls, ceilings, floor assemblies or roof assemblies are installed, the *storey* shall be *sprinklered* if,

- (a) the *storey* will contain a Group C *major occupancy*, and
  - (b) the *building* is over 3 *storeys* in *building height*.
  - (5) Sentence (4) does not apply where the *building*,
    - (a) conforms to Subclause 3.2.2.44.(1)(a)(ii), and
    - (b) contains *dwelling units* having *means of egress* conforming to Sentence 3.3.4.4.(8).
  - (6) Where existing interior walls or ceilings or floor assemblies or roof assemblies are substantially removed and new interior walls, ceilings, floor assemblies or roof assemblies are installed in an existing *building* or part of an existing *building* that is a retirement home regulated under the *Retirement Homes Act, 2010*, the following requirements apply:
    - (a) the retirement home shall be *sprinklered*,
    - (b) a voice communication system conforming to Article 3.2.4.23. shall be provided in the *building*, if Clause 3.2.6.8.(1)(b) or (c), as applicable, requires that such a voice communication system be provided in the *building*, and
    - (c) doors to *suites* and sleeping rooms not within *suites* in the retirement home, other than doors leading directly to the exterior, shall be equipped with self-closing devices.
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## Section 11.5. Compliance Alternatives

### 11.5.1. Compliance Alternatives

#### 11.5.1.1. Compliance Alternatives

(1) A *compliance alternative* shown in Table 11.5.1.1.A., 11.5.1.1.B., 11.5.1.1.C., 11.5.1.1.D/E. or 11.5.1.1.F. may be substituted for a requirement contained in Part 3, 4, 6 or 8 where the *chief building official* is satisfied that compliance with the requirement is impracticable because,

- (a) of structural or *construction* difficulties, or
- (b) it is detrimental to the preservation of a *heritage building*.

(2) A *compliance alternative* shown in Table 11.5.1.1.A., 11.5.1.1.B., 11.5.1.1.C., 11.5.1.1.D/E. or 11.5.1.1.F. may be substituted for a requirement contained in Part 9 or 12 without satisfying the *chief building official* that compliance with the requirement is impracticable.

**Table 11.5.1.1.A.  
Compliance Alternatives for Assembly Occupancies**

Forming Part of Article 11.5.1.1.

Item	Col. 1	Column 2	Column 3
	<b>NUMBER</b>	<b>PART 3 REQUIREMENTS</b>	<b>PART 11 COMPLIANCE ALTERNATIVE</b>
70.	A70	3.8.1.2.	Existing accessible entrance acceptable. (See <i>C.A.</i> A74) Existing curb ramp conforming to Sentence 3.8.3.2.(3) is acceptable. Existing principal entrance acceptable, provided at least one <i>barrier-free</i> entrance is available.
71.	A71	3.8.1.3.(1)	Existing unobstructed width of 920 mm minimum is acceptable.
72.	A72	3.8.1.3.(4)	Existing unobstructed space not less than 1 500 mm in width and 1 500 mm in length located not more than 30 m apart is acceptable.
72.1	A72.1	3.8.3.2.(3)(b)	Existing curb ramp acceptable, provided width not less than 1 200 mm.
73.	A73	3.8.3.3.(1)	Existing doorway acceptable, provided not less than 810 mm wide.
73.1	A73.1	3.8.3.3.(11)(a)	Existing distance acceptable, provided not less than 1 200 mm plus the width of any door that swings into the space in the path of travel.
74.	A74	3.8.3.4.(1)(a)	Existing ramp acceptable, provided not less than 870 mm between handrails.
75.	A75	3.8.3.8.(5)	Existing grab bar is acceptable.
75.1	A75.1	3.8.3.12.	Existing grab bar is universal washroom acceptable.
76.	A76	3.8.3.13.(2)(f)	Existing grab bar is acceptable.
76.1	A76.1	3.8.3.16.	Existing drinking fountain conforming to Clauses 3.8.3.16.(2)(a) and (b) acceptable.
76.2	A76.2	3.11.3.1.(9)	Existing clear width acceptable, provided not less than 900 mm.
76.3	A76.3	3.11.3.1.(14)	Existing painted line acceptable.

**Table 11.5.1.1.B.  
Compliance Alternatives for Care or Detention Occupancies**

Forming Part of Article 11.5.1.1.

Item	Col. 1	Column 2	Column 3
	NUMBER	PART 3 REQUIREMENTS	PART 11 COMPLIANCE ALTERNATIVE
71.	B71	3.8.1.2.	Existing accessible entrance acceptable. (See C.A. B75) Existing curb ramp conforming to Sentence 3.8.3.2.(3) is acceptable. Existing principal entrance acceptable, provided at least one barrier-free entrance is available.
72.	B72	3.8.1.3.(1)	Existing unobstructed width of 920 mm minimum is acceptable.
73.	B73	3.8.1.3.(4)	Existing unobstructed space not less than 1 500 mm in width and 1 500 mm in length located not more than 30 m apart is acceptable.
73.1	B73.1	3.8.3.2.(3)(b)	Existing curb ramp acceptable, provided width not less than 1 200 mm.
74.	B74	3.8.3.3.(1)	Existing doorway acceptable, provided not less than 810 mm wide.
74.1	B74.1	3.8.3.3.(11)(a)	Existing distance acceptable, provided not less than 1 200 mm plus the width of any door that swings into the space in the path of travel.
75.	B75	3.8.3.4.(1)(a)	Existing ramp acceptable, provided not less than 870 mm between handrails.
76.	B76	3.8.3.8.(5)	Existing grab bar is acceptable.
76.1	B76.1	3.8.3.12.	Existing grab bar is universal washroom acceptable.
77.	B77	3.8.3.13.(2)(f)	Existing grab bar is acceptable.
77.1	B77.1	3.8.3.16.	Existing drinking fountain conforming to Clauses 3.8.3.16.(2)(a) and (b) acceptable.
77.2	B77.2	3.11.3.1.(9)	Existing clear width acceptable, provided not less than 900 mm.
77.3	B77.3	3.11.3.1.(14)	Existing painted line acceptable.

**Table 11.5.1.1.C.**  
**Compliance Alternatives for Residential Occupancies**  
**Forming Part of Article 11.5.1.1.**

Item	Col. 1	Column 2	Column 3
	NUMBER	PART 3 REQUIREMENTS	PART 11 COMPLIANCE ALTERNATIVE
81.	C81	3.8.1.2.	Existing accessible entrance acceptable. (see C.A. C85) Existing curb ramp conforming to Sentence 3.8.3.2.(3) is acceptable. Existing principal entrance acceptable, provided at least one barrier-free entrance is available.
82.	C82	3.8.1.3.(1)	Existing unobstructed width of 920 mm minimum is acceptable.
83.	C83	3.8.1.3.(4)	Existing unobstructed space not less than 1 500 mm in width and 1 500 mm in length located not more than 30 m apart is acceptable.
83.1	C83.1	3.8.3.2.(3)(b)	Existing curb ramp acceptable, provided width not less than 1 200 mm.
84.	C84	3.8.3.3.(1)	Existing doorway acceptable, provided not less than 810 mm wide.
84.1	C84.1	3.8.3.3.(11)(a)	Existing distance acceptable, provided not less than 1 200 mm plus the width of any door that swings into the space in the path of travel.
85.	C85	3.8.3.4.(1)(a)	Existing ramp acceptable, provided not less than 870 mm between handrails.
86.	C86	3.8.3.8.(5)	Existing grab bar is acceptable.
86.1	C86.1	3.8.3.12.	Existing grab bar is universal washroom acceptable.
87.	C87	3.8.3.13.(2)(f)	Existing grab bar is acceptable.
87.1	C87.1	3.8.3.16.	Existing drinking fountain conforming to Clauses 3.8.3.16.(2)(a) and (b) acceptable.
87.2	C87.2	3.11.3.1.(9)	Existing clear width acceptable, provided not less than 900 mm.
87.3	C87.3	3.11.3.1.(14)	Existing painted line acceptable.



**Table 11.5.1.1.D/E.  
Compliance Alternatives for Business/Mercantile Occupancies**

Forming Part of Article 11.5.1.1.

Item	Col. 1	Column 2	Column 3
	<b>NUMBER</b>	<b>PART 3 REQUIREMENTS</b>	<b>PART 11 COMPLIANCE ALTERNATIVE</b>
74.	DE74	3.8.1.2.	Existing accessible entrance acceptable. (See <i>C.A.</i> DE78)  Existing curb ramp conforming to Sentence 3.8.3.2.(3) is acceptable. <i>Existing principal entrance acceptable, provided at least one barrier-free entrance is available.</i>
75.	DE75	3.8.1.3.(1)	Existing unobstructed width of 920 mm minimum is acceptable.
76.	DE76	3.8.1.3.(4)	Existing unobstructed space not less than 1 500 mm in width and 1 500 mm in length located not more than 30 m apart is acceptable.
76.1	DE76.1	3.8.3.2.(3)(b)	<i>Existing curb ramp acceptable, provided width not less than 1 200 mm.</i>
77.	DE77	3.8.3.3.(1)	Existing doorway acceptable, provided not less than 810 mm wide.
77.1	DE77.1	3.8.3.3.(11)(a)	<i>Existing distance acceptable, provided not less than 1 200 mm plus the width of any door that swings into the space in the path of travel.</i>
78.	DE78	3.8.3.4.(1)(a)	Existing ramp acceptable, provided not less than 870 mm between handrails.
79.	DE79	3.8.3.8.(5)	Existing grab bar is acceptable.
79.1	DE79.1	3.8.3.12.	Existing <b>grab bar</b> is <b>universal washroom</b> acceptable.
80.	DE80	3.8.3.13.(2)(f)	<i>Existing grab bar is acceptable.</i>
80.1	DE80.1	3.8.3.16.	<i>Existing drinking fountain conforming to Clauses 3.8.3.16.(2)(a) and (b) acceptable.</i>

**Table 11.5.1.1.F.  
Compliance Alternatives for Industrial Occupancies**

Forming Part of Article 11.5.1.1.

Item	Col. 1	Column 2	Column 3
	<b>NUMBER</b>	<b>PART 3 REQUIREMENTS</b>	<b>PART 11 COMPLIANCE ALTERNATIVE</b>
75.	F75	3.8.1.2.	Existing accessible entrance acceptable. (See C.A. F79)  Existing curb ramp conforming to Sentence 3.8.3.2.(3) is acceptable. <b>Existing principal entrance acceptable, provided at least one barrier-free entrance is available.</b>
76.	F76	3.8.1.3.(1)	Existing unobstructed width of 920 mm minimum is acceptable.
77.	F77	3.8.1.3.(4)	Existing unobstructed space not less than 1 500 mm in width and 1 500 mm in length located not more than 30 m apart is acceptable.
77.1	F77.1	3.8.3.2.(3)(b)	<b>Existing curb ramp acceptable, provided width not less than 1 200 mm.</b>
78	F78	3.8.3.3.(1)	Existing doorway acceptable, provided not less than 810 mm wide.
78.1	F78.1	3.8.3.3.(11)(a)	<b>Existing distance acceptable, provided not less than 1 200 mm plus the width of any door that swings into the space in the path of travel.</b>
79.	F79	3.8.3.4.(1)(a)	Existing ramp acceptable, provided not less than 870 mm between handrails.
80.	F80	3.8.3.8.(5)	Existing grab bar is acceptable.
80.1	F80.1	3.8.3.12.	Existing <b>grab bar is universal washroom</b> acceptable.
81.	F81	3.8.3.13.(2)(f)	<b>Existing grab bar is acceptable.</b>
81.1	F81.1	3.8.3.16.	<b>Existing drinking fountain conforming to Clauses 3.8.3.16.(2)(a) and (b) acceptable.</b>

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