

2015 NBC		2020 NBC	CHANGES MADE
Code Ref.	Part 3	Code Ref.	Part 3
		Notes A-3.1.2.1.(1) Major occupancy Classification is amended as follows:	(a) Group A, Division 2 is amended by adding “Childcare centres” after “Bowling alleys.” (b) Group C is amended by adding “Childcare homes” after “boarding houses”.
3.1.2.5.		Article 3.1.2.5. of division B is repealed and the following substituted:	<p>“3.1.2.5. Alternative Family Care Homes</p> <p>1) <i>Alternative family care homes</i> with 5 or fewer occupants-in-care and 10 or fewer total occupants are permitted to be classified as <i>residential occupancies</i> within the application of Part 9m but only if:</p> <ul style="list-style-type: none"> a) Interconnected smoke alarms are installed in accordance with Article 9.10.19.3., b) Carbon Monoxide alarms are installed in accordance with Article 9.32.3.9., and c) Emergency lighting is provided in accordance with Article 9.9.12.3 <p>2) <i>Alternative family care homes</i> with 6 or more occupants-in-care and 10 or fewer total occupants are permitted to be classified as <i>residential occupancies</i> within the application of Part 3, but only if:</p> <ul style="list-style-type: none"> a) Interconnected smoke alarms are installed in accordance with Article 3.2.4.20., b) Carbon monoxide alarms are installed in accordance with Article 3.2.4.20., c) Emergency lighting is provided in accordance with Subsection 3.2.7, and d) Either: <ul style="list-style-type: none"> i) The occupants are capable of self-preservation, or ii) The <i>building</i> is sprinklered throughout”.
	Multiple Occupancy Requirements Separation of Major Occupancies	3.1.3.1	Multiple Occupancy Requirements Separation of Major Occupancies

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Table 3.1.3.1. Major Occupancy Fire Separations ⁽¹⁾ Forming Part of Sentence 3.1.3.1.(1)													
Major Occupancy	Minimum Fire-Resistance Rating of Fire Separation, h												
	Adjoining Major Occupancy												
	A-1	A-2	A-3	A-4	B-1	B-2	B-3	C	D	E	F-1	F-2	F-3
A-1	—	1	1	1	2	2	2	1	1	2	(2)	2	1
A-2	1	—	1	1	2	2	2	1(3)	1(4)	2	(2)	2	1
A-3	1	1	—	1	2	2	2	1	1	2	(2)	2	1
A-4	1	1	1	—	2	2	2	1	1	2	(2)	2	1
B-1	2	2	2	2	—	2	2	2	2	2	(2)	2	2
B-2	2	2	2	2	2	—	1	2	2	2	(2)	2	2
B-3	2	2	2	2	2	1	—	1	2	2	(2)	2	2
C	1	1(5)	1	1	2	2	1	—	1	2(6)	(2)	2(6)	1
D	1	1(4)	1	1	2	2	2	1	—	—	3	—	—
E	2	2	2	2	2	2	2	2(6)	—	—	3	—	—
F-1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	3	3	—	2	2
F-2	2	2	2	2	2	2	2	2(6)	—	—	2	—	—
F-3	1	1	1	1	2	2	2	1	—	—	2	—	—

Notes to Table 3.1.3.1.:

(1) Section 3.3. contains requirements for the separation of occupancies and tenancies that are in addition to the requirements for the separation of major occupancies.

(2) See Sentence 3.1.3.2.(1).

(3) Where the building is constructed in accordance with Article 3.2.2.50., a fire separation with a 2 h fire-resistance rating is required between the Group C and Group A, Division 2 major occupancies.

(4) Where the building is constructed in accordance with Article 3.2.2.58., a fire separation with a 2 h fire-resistance rating is required between the Group D and Group A, Division 2 major occupancies.

(5) See Sentence 3.1.3.1.(2). (6) See Sentence 3.1.3.2.(2).

Added Number 8 →

Table 3.1.3.1. Major Occupancy Fire Separations ⁽¹⁾ Forming Part of Sentence 3.1.3.1.(1)													
Major Occupancy	Minimum Fire-Resistance Rating of Fire Separation, h												
	Adjoining Major Occupancy												
	A-1	A-2	A-3	A-4	B-1	B-2	B-3	C	D	E	F-1	F-2	F-3
A-1	—	1	1	1	2	2	2	1	1	2	(2)	2	1
A-2	1	—	1	1	2	2	2	1(3)	1(4)	2	(2)	2	1
A-3	1	1	—	1	2	2	2	1	1	2	(2)	2	1
A-4	1	1	1	—	2	2	2	1	1	2	(2)	2	1
B-1	2	2	2	2	—	2	2	2	2	2	(2)	2	2
B-2	2	2	2	2	2	—	1	2	2	2	(2)	2	2
B-3	2	2	2	2	2	1	—	1	2	2	(2)	2	2
C	1	1(5)	1	1	2	2	1	—	1	2(6)	(2)	2(6)	1(7)
D	1	1(4)	1	1	2	2	2	1	—	—	3	—(8)	—(8)
E	2	2	2	2	2	2	2	2(6)	—(8)	—	3	—	—
F-1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	3	3	—	2	2
F-2	2	2	2	2	2	2	2	2(6)	—(8)	—	2	—	—
F-3	1	1	1	1	2	2	2	1(7)	—(8)	—	2	—	—

Notes to Table 3.1.3.1.:

(1) Section 3.3. contains requirements for the separation of occupancies and tenancies that are in addition to the requirements for the separation of major occupancies.

(2) See Sentence 3.1.3.2.(1).

(3) Where the building or part thereof is constructed in accordance with Article 3.2.2.48. or 3.2.2.51., a fire separation with a 2 h fire-resistance rating is required between the Group C and Group A, Division 2 major occupancies.

(4) Where the building or part thereof is constructed in accordance with Article 3.2.2.57. or 3.2.2.60., a fire separation with a 2 h fire-resistance rating is required between the Group D and Group A, Division 2 major occupancies.

(5) See Sentence 3.1.3.1.(2).

(6) See Sentence 3.1.3.2.(2).

(7) Where the building or part thereof is constructed in accordance with Article 3.2.2.48., a fire separation with a 2 h fire-resistance rating is required between the Group C major occupancy and a storage garage.

(8) Where the building or part thereof is constructed in accordance with Article 3.2.2.57., a fire separation with a 1 h fire-resistance rating is required between the Group D and Group E or Group F, Division 2 or 3 major occupancies.

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3.1.4.8.	<p>Exterior Cladding</p> <p>1) Not less than 90% of the exterior cladding on each exterior wall of buildings conforming to Article 3.2.2.50. or 3.2.2.58. shall consist of</p> <p>a) non-combustible cladding, or</p> <p>b) a wall assembly that satisfies the criteria of Clause 3.1.5.5.(1)(b). (See Note A-3.1.4.8.(1).) (See also Notes A-3.1.5.5.(1)(b)(i) and A-3.1.5.5.(1)(b)(ii).)</p> <p>2) A wall assembly conforming to Clause (1)(b) that includes combustible cladding made of fire-retardant-treated wood shall be tested for fire exposure after the cladding has been subjected to the accelerated weathering test specified in ASTM D 2898, "Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing."</p>	3.1.4.8.	<p>Exterior Cladding</p> <p>1) Except as provided in Sentence (2), not less than 90% of the exterior cladding on each exterior wall of buildings conforming to Article 3.2.2.51. or 3.2.2.60. shall consist of</p> <p>a) non-combustible cladding, or</p> <p>b) except as provided in Sentence (4), a wall assembly that satisfies the criteria of Clause 3.1.5.5.(1)(b). (See Note A-3.1.4.8.(1).) (See also Notes A-3.1.5.5.(1)(b)(i) and A-3.1.5.5.(1)(b)(ii).)</p> <p>2) Where a building is considered to face 1 street in accordance with Clause 3.2.2.10.(3)(b), the exterior cladding on each exterior wall of buildings conforming to Article 3.2.2.51. or 3.2.2.60. shall consist of</p> <p>a) non-combustible cladding, or</p> <p>b) except as provided in Sentence (4), a wall assembly that satisfies the criteria of Clause 3.1.5.5.(1)(b).</p> <p>3) A wall assembly conforming to Clause (1)(b) or (2)(b) that includes combustible cladding made of fire-retardant-treated wood shall be tested for fire exposure after the cladding has been subjected to the accelerated weathering test specified in ASTM D2898, "Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing."</p> <p>4) Exterior wall assemblies constructed in accordance with Section D-6 of Appendix D are deemed to comply with Clauses (1)(b) and (2)(b).</p>
3.1.5.2.	<p>Minor Combustible Components</p> <p>g) wood blocking within wall assemblies intended for the attachment of handrails, fixtures, and similar items mounted on the surface of the wall, and</p>	3.1.5.2.	<p>Minor Combustible Components</p> <p>g) wood blocking intended for the attachment of window elements within exterior wall assemblies,</p>
3.1.5.3.	<p>Combustible Roofing Materials</p> <p>4) Wood nailer facings to parapets, not more than 600 mm high, are permitted on a building required to be of non-combustible construction, if the facings and any roof membranes covering the facings are protected by sheet metal.</p>	3.1.5.3.	<p>Combustible Roofing Materials</p> <p>4) Wood nailer facings to parapets that are not more than 610 mm high are permitted on a building required to be of non-combustible construction, provided the facings and any roof membranes covering the facings are protected by sheet metal.</p>
3.1.5.4.	<p>Combustible Windows, Glazing and Skylights</p> <p>5) Combustible window sashes and frames are permitted in a building required to be of non-combustible construction provided</p> <p>a) each window in an exterior wall face is an individual unit separated by non-combustible wall construction from every other opening in the wall,</p> <p>b) windows in exterior walls in contiguous storeys are separated by not less than 1 m of non-combustible construction, and</p> <p>c) the aggregate area of openings in an exterior wall face of a fire compartment is not more than 40% of the area of the wall face.</p>	3.1.5.4.	<p>Combustible Windows, Glazing and Skylights</p> <p>5) Combustible window sashes and frames are permitted in a building required to be of non-combustible construction, provided they are vertically non-contiguous between storeys.</p>

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3.1.5.5.	<p>Combustible Cladding on Exterior Walls</p> <p>1) Except as provided in Sentences (2) and (3), combustible cladding is permitted to be used on an exterior wall assembly in a building required to be of non-combustible construction, provided a) the building is</p> <ul style="list-style-type: none"> i) not more than 3 storeys in building height, or ii) sprinklered throughout, and b) when tested in accordance with CAN/ULC-S134, “Fire Test of Exterior Wall Assemblies,” the wall assembly satisfies the following criteria for testing and conditions of acceptance (see Note A-3.1.5.5.(1)(b)): <p>i) flaming on or in the wall assembly does not spread more than 5 m above the opening (see Note A-3.1.5.5.(1)(b)(i)), and</p> <p>ii) the heat flux during the flame exposure on the wall assembly is not more than 35 kW/m² measured at 3.5 m above the opening (see Note A-3.1.5.5.(1)(b)(ii)).</p> <p>4) Added to 2020 →</p>	3.1.5.5.	<p>Combustible Cladding on Exterior Walls</p> <p>1) Except as provided in Sentences (2) and (3), combustible cladding is permitted to be used on an exterior wall assembly in a building required to be of non-combustible construction, provided</p> <ul style="list-style-type: none"> a) the building is i) not more than 3 storeys in building height, or ii) sprinklered throughout, and b) except as provided in Sentence (4), when tested in accordance with CAN/ULC-S134, “Standard Method of Fire Test of Exterior Wall Assemblies,” the wall assembly satisfies the following criteria for testing and conditions of acceptance (see Note A-3.1.5.5.(1)(b)): <p>4) Exterior wall assemblies constructed in accordance with Section D-6 of Appendix D are deemed to comply with Clause (1)(b).</p>
3.1.5.6.	<p>Combustible Components in Exterior Walls</p> <p>1) Combustible components, other than those permitted by Article 3.1.5.5., are permitted to be used in an exterior wall assembly of a building required to be of non-combustible construction, provided</p> <ul style="list-style-type: none"> a) the building is i) not more than 3 storeys in building height, or ii) sprinklered throughout, and b) the wall assembly i) meets the requirements of Clause 3.1.5.5.(1)(b), or ii) is protected by masonry or concrete cladding not less than 25 mm thick (see Note A-3.1.5.5.(1)(b)). 	3.1.5.6.	<p>Combustible Components in Exterior Walls</p> <p>1) Combustible components, other than those permitted by Article 3.1.5.5. and Sentence 3.1.5.7.(2), are permitted to be used in an exterior wall assembly of a building required to be of non-combustible construction, provided</p> <ul style="list-style-type: none"> a) the building is i) not more than 3 storeys in building height, or ii) sprinklered throughout, and b) the wall assembly i) except as provided in Sentence (2), satisfies the criteria of Clause 3.1.5.5.(1)(b), or ii) is protected by masonry or concrete cladding not less than 25 mm thick (see Note A-3.1.5.5.(1)(b)). <p>2) Exterior wall assemblies constructed in accordance with Section D-6 of Appendix D are deemed to comply with Subclause (1)(b)(i).</p>

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3.1.5.15.	<p>Foamed Plastic Insulation (See Notes A-3.1.4.2. and A-3.1.4.2.(1).) 2) Except as provided in Sentences (3) and (4), foamed plastic insulation with a flame-spread rating not more than 500 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction, is permitted in a building required to be of non-combustible construction, provided the insulation is protected from adjacent space in the building, other than adjacent concealed spaces within wall assemblies, by a thermal barrier consisting of</p> <ol style="list-style-type: none"> not less than 12.7 mm thick gypsum board mechanically fastened to a supporting assembly independent of the insulation, lath and plaster, mechanically fastened to a supporting assembly independent of the insulation, masonry, concrete, or any thermal barrier that meets the requirements of classification B when tested in conformance with CAN/ULC-S124, "Test for the Evaluation of Protective Coverings for Foamed Plastic." 	3.1.5.15.	<p>Foamed Plastic Insulation (See Notes A-3.1.4.2. and A-3.1.4.2.(1).) 2) Except as provided in Sentences (3), (4) and 3.1.5.7.(1), foamed plastic insulation with a flame-spread rating not more than 500 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction, is permitted in a building required to be of non-combustible construction, provided the insulation is protected from adjacent space in the building, other than adjacent concealed spaces within wall assemblies, by a thermal barrier consisting of</p> <ol style="list-style-type: none"> not less than 12.7 mm thick gypsum board mechanically fastened to a supporting assembly independent of the insulation, lath and plaster, mechanically fastened to a supporting assembly independent of the insulation, masonry, concrete, or any thermal barrier that meets the requirements of classification B when tested in conformance with CAN/ULC-S124, "Standard Method of Test for the Evaluation of Protective Coverings for Foamed Plastic."
3.1.6.1.	<p>Tents and Air-Supported Structures (See Note A-3.1.6.) Means of Egress 1) Tents and air-supported structures shall conform to Sections 3.3. and 3.4.</p>	3.1.6.1.	<p>Encapsulated Mass Timber Construction Scope 1) Encapsulated mass timber construction permitted in this Part shall conform to this Subsection.</p>
3.1.6.2.	<p>Restrictions 1) An air-supported structure shall not be located above the first storey on any building. 2) An air-supported structure shall not be used for Groups B, C, or Group F, Division 1 major occupancies or for classrooms. 3) An air-supported structure shall be designed as open floor space without interior walls, mezzanines, intermediate floors, or similar construction</p>	3.1.6.2.	<p>Materials Permitted 1) Except as otherwise provided in this Part and Sentence 6.4.3.1.(1), materials used in a building or part of a building permitted to be of encapsulated mass timber construction shall conform to Subsection 3.1.5.</p>

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3.1.6.3. Clearance to Other Structures

1) Except as permitted by Sentences (2), (3) and (4), every tent and air-supported structure shall conform to Subsection 3.2.3.

2) Tents and air-supported structures a) shall not be erected closer than 3 m to other structures on the same property except as permitted by Sentences (3) and (4), and b) shall be sufficiently distant from one another to provide an area to be used as a means of emergency egress.

3) Tents and air-supported structures not occupied by the public

a) need not be separated from one another, and

b) are permitted to be erected less than 3 m from other structures on the same property provided this spacing does not create a hazard to the public.

4) Tents not more than 120 m² in ground area, located on fair grounds or similar open spaces, need not be separated from one another provided this does not create a hazard to the public.

3.1.6.3. Structural Mass Timber Elements (See Note A-3.1.6.3.)

1) Except as otherwise provided in this Subsection and Articles 3.2.2.16. and 3.2.3.19., a building or part of a building permitted to be of encapsulated mass timber construction is permitted to include structural mass timber elements, including beams, columns, arches, and wall, floor and roof assemblies, provided they comply with Sentences (2) and (3).

2) Structural mass timber elements referred to in Sentence (1) shall

a) except as provided in Sentence (4), be arranged in heavy solid masses containing no concealed spaces,

b) have essentially smooth flat surfaces with no thin sections or sharp projections, and

c) except as provided in Sentence 3.1.6.17.(1), conform to the minimum dimensions stated in Table 3.1.6.3.

3) Adhesives used in structural mass timber elements referred to in Sentence (1) that are constructed of cross-laminated timber shall conform to the elevated temperature performance requirements in ANSI/APA PRG 320, "Standard for Performance-Rated Cross-Laminated Timber."

4) Concealed spaces are permitted within structural mass timber elements referred to in Sentence (2) and need not conform to Sentence 3.1.6.4.(1), provided the concealed spaces are a) sprinklered and divided into compartments by fire blocks in conformance with Subsection 3.1.11., b) completely filled with rock or slag fibre insulation conforming to CAN/ULC-S702.1, "Standard for Mineral Fibre Thermal Insulation for Buildings, Part 1: Material Specification," and having a density not less than 32 kg/m³, c) if horizontal, lined with not less than a single layer of 12.7 mm thick Type X gypsum board or non-combustible material providing an encapsulation rating of not less than 25 min, or d) if vertical, lined with not less than a single layer of 12.7 mm thick Type X gypsum board or non-combustible material providing an encapsulation rating of not less than 25 min and vertically divided into compartments by fire blocks in conformance with Subsection 3.1.11.

Table 3.1.6.3.
Minimum Dimensions of Structural Mass Timber Elements in Encapsulated Mass Timber Construction
Forming Part of Sentences 3.1.6.3.(2), 3.1.6.8.(1) and 3.1.6.17.(1)

Structural Wood Elements	Minimum Thickness, mm	Minimum Width x Depth, mm x mm
Walls that are fire separations or exterior walls (1-sided fire exposure)	96	—
Walls that require a fire-resistance rating, but are not fire separations (2-sided fire exposure)	192	—
Floors ⁽¹⁾ and roofs (1-sided fire exposure)	96	—
Beams, columns and arches (2- or 3-sided fire exposure)	—	192 x 192
Beams, columns and arches (4-sided fire exposure)	—	224 x 224

Notes to Table 3.1.6.3.:

⁽¹⁾ The minimum dimensions for floor assemblies are also applicable to mezzanines and exterior balconies.

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3.1.6.4.	<p>Clearance to Flammable Material</p> <p>1) The ground enclosed by a tent or air-supported structure and not less than 3 m of ground outside the structure shall be cleared of all flammable material or vegetation that will spread fire.</p>	3.1.6.4.	<p>Encapsulation of Mass Timber Elements (See also Note A-3.1.6.3.)</p> <p>1) Except as provided in Sentences (3) to (6), 3.1.6.3.(4), 3.1.6.16.(2) and 3.1.6.17.(2), and Articles 3.1.6.7. and 3.1.6.12., the exposed surfaces of structural mass timber elements conforming to Article 3.1.6.3. shall be protected from adjacent spaces in the building, including adjacent concealed spaces within wall, floor and roof assemblies, by a material or assembly of materials conforming to Sentence (2) that provides an encapsulation rating of not less than 50 min. (See Note A-3.1.6.4.(1).)</p> <p>2) Except as provided in Sentence 3.1.6.11.(1), the material or assembly of materials referred to in Sentence (1) shall consist of</p> <ul style="list-style-type: none"> a) gypsum board, b) gypsum concrete, c) non-combustible materials, d) materials that conform to Sentences 3.1.5.1.(2) to (4), or e) any combination of the materials listed in Clauses (a) to (d). <p>3) Except as provided in Sentence (5), the exposed surfaces of mass timber beams, columns and arches within a suite or fire compartment need not be protected in accordance with Sentence (1), provided</p> <ul style="list-style-type: none"> a) their aggregate surface area does not exceed 10% of the total wall area of the perimeter of the suite or fire compartment in which they are located, and b) the flame-spread rating on any exposed surface is not more than 150. (See Note A-3.1.6.4.(3) to (6).) <p>4) Except as provided in Sentences (5) and (6), the exposed surfaces of mass timber walls within a suite need not be protected in accordance with Sentence (1), provided</p> <ul style="list-style-type: none"> a) each exposed surface faces the same direction, and b) the flame-spread rating on any exposed surface is not more than 150. (See Notes A-3.1.6.4.(4) and A-3.1.6.4.(3) to (6).) <p>5) The aggregate exposed surface area of mass timber elements within a suite permitted in Sentences (3) and (4) shall not exceed 35% of the total wall area of the perimeter of the suite. (See Note A-3.1.6.4.(3) to (6).)</p> <p>6) The exposed surfaces of mass timber ceilings within a suite need not be protected in accordance with Sentence (1), provided their aggregate area does not exceed</p> <ul style="list-style-type: none"> a) 10% of the total ceiling area of the suite, where the exposed surfaces have a flame-spread rating not more than 150, or b) 25% of the total ceiling area of the suite, where <ul style="list-style-type: none"> i) the suite contains no mass timber walls with exposed surfaces, and ii) the exposed surfaces of the mass timber ceiling have a flame-spread rating not more than 75. <p>(See Note A-3.1.6.4.(3) to (6).)</p>

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3.1.6.5.	<p>Flame Resistance 1) Every tent and air-supported structure and all tarpaulins and decorative materials used in connection with these structures shall conform to CAN/ULC-S109, “Flame Tests of Flame-Resistant Fabrics and Films.”</p>	3.1.6.5.	<p>Determination of Encapsulation Ratings 1) Except as provided in Article 3.1.6.6., the rating of a material or assembly of materials that is required to have an encapsulation rating shall be determined on the basis of the results of tests conducted in conformance with CAN/ULC-S146, “Standard Method of Test for the Evaluation of Encapsulation Materials and Assemblies of Materials for the Protection of Structural Timber Elements.”</p>
3.1.6.6.	<p>Emergency Air Supply 1) An air-supported structure used as a place of assembly for more than 200 persons shall have either a) an automatic emergency engine-generator set capable of powering one blower continuously for 4 h, or b) a supplementary blower powered by an automatic internal combustion engine.</p>	3.1.6.6.	<p>Encapsulation Materials (See Note A-3.1.6.6.) 1) Gypsum-concrete topping and concrete not less than 38 mm thick are deemed to have an encapsulation rating of 50 min when installed on the upper side of a mass timber floor or roof assembly. 2) Two layers of Type X gypsum board each not less than 12.7 mm thick are deemed to have an encapsulation rating of 50 min when installed on a mass timber element, provided they a) are fastened with a minimum of two rows of screws in each layer i) directly to the mass timber element with screws of sufficient length to penetrate not less than 20 mm into the mass timber element that are spaced not more than 400 mm o.c. and 20 mm to 38 mm from the boards' edges, or ii) to wood furring or resilient metal or steel furring channels not more than 25 mm thick spaced not more than 400 mm o.c. on the mass timber element, b) are installed with the joints in each layer staggered from those in the adjacent layer, c) are installed in conformance with ASTM C840, “Standard Specification for Application and Finishing of Gypsum Board,” except that their joints need not be taped and finished, and d) conform to i) ASTM C1396/C1396M, “Standard Specification for Gypsum Board,” or ii) CAN/CSA A82.27-M, “Gypsum Board.” (See Note A-3.1.6.6.(2).)</p>

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3.1.6.7.	<p>Electrical Systems</p> <p>1) The electrical system and equipment in a tent or air-supported structure, including electrical fuses and switches, shall be inaccessible to the public.</p> <p>2) Cables on the ground in areas used by the public in a tent or air-supported structure shall be placed in trenches or protected by covers to prevent damage from traffic.</p>	3.1.6.7.	<p>Combustible Roofing Materials</p> <p>1) Wood roof sheathing and roof sheathing supports that do not conform to Articles 3.1.6.3. and 3.1.6.4. are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided they are installed</p> <p>a) above a concrete deck in accordance with Sentence 3.1.5.3.(2), or</p> <p>b) above a deck of encapsulated mass timber construction, where</p> <p>i) said deck is permitted to be encapsulated between the roof sheathing supports by a material or assembly of materials conforming to Sentence 3.1.6.4.(2) that provides an encapsulation rating of not less than 50 min,</p> <p>ii) the height of the roof space is not more than 1 m,</p> <p>iii) the roof space is divided into compartments by fire blocks in conformance with Article 3.1.11.5., iv) openings through the deck other than for non-combustible roof drains and plumbing piping are protected by shafts constructed as fire separations having a fire-resistance rating not less than 1 h that extend from the deck to not less than 150 mm above the adjacent sheathing, and</p> <p>v) except as permitted by Subclause (b)</p> <p>(iv), the roof space does not contain any building services.</p> <p>2) Combustible cant strips, roof curbs, nailing strips and similar components used in the installation of roofing are permitted on a building or part of a building permitted to be of encapsulated mass timber construction.</p> <p>3) Wood nailer facings to parapets that are not more than 610 mm high are permitted on a building or part of a building permitted to be of encapsulated mass timber construction, provided the facings and any roof membranes covering the facings are protected by sheet metal.</p>
3.1.6.8.	Added to 2020 →	3.1.6.8.	<p>Combustible Window Sashes and Frames</p> <p>1) Combustible window sashes and frames are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided</p> <p>a) each window in an exterior wall face is an individual unit separated from every other opening in the wall by non-combustible wall construction or mass timber wall construction conforming to the dimensions stated in Table 3.1.6.3.,</p> <p>b) windows in exterior walls in contiguous storeys are separated by not less than 1 m of non-combustible wall construction or mass timber wall construction conforming to the dimensions stated in Table 3.1.6.3., and</p> <p>c) the aggregate area of openings in an exterior wall face of a fire compartment is not more than 40% of the area of the wall face.</p>

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3.1.6.9.	Added to 2020 →	3.1.6.9.	<p>Exterior Cladding</p> <p>1) Except as provided in Sentences (2), (3) and (6), cladding on an exterior wall assembly of a building or part of a building permitted to be of encapsulated mass timber construction shall be noncombustible. (See Note A-3.1.6.9.(1) and (2).)</p> <p>2) Except as provided in Sentences (3) to (5), cladding on an exterior wall assembly of a building or part of a building permitted to be of encapsulated mass timber construction is permitted to consist of</p> <p>a) combustible cladding that</p> <ul style="list-style-type: none"> i) is not contiguous over more than 4 storeys, ii) represents not more than 10% of the cladding on each exterior wall of each storey, iii) is not more than 1.2 m in width, iv) has a flame-spread rating not more than 75 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction, v) is separated from other portions of combustible cladding on adjacent storeys by a horizontal distance of not less than 2.4 m, and vi) is separated from other portions of combustible cladding by a horizontal distance of not less than 1.2 m, <p>b) combustible cladding that</p> <ul style="list-style-type: none"> i) is not contiguous across adjacent storeys, ii) represents not more than 10% of the cladding on each exterior wall of each storey, iii) has a flame-spread rating not more than 75 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction, and iv) is separated from other portions of combustible cladding on adjacent storeys by a horizontal distance of not less than 2.4 m, <p>c) combustible cladding representing up to 100% of the cladding on exterior walls of the first storey, provided all portions of the cladding can be directly accessed and are located not more than 15 m from a street or access route conforming to Article 3.2.5.6., measured horizontally from the face of the building,</p> <p>d) except as provided in Sentence (4), a wall assembly that satisfies the criteria of Clause 3.1.5.5.(1)(b), or</p> <p>e) a combination of non-combustible cladding and the cladding described in Clauses (a) to (d). (See Note A-3.1.6.9.(1) and (2).)</p> <p>3) The permitted area of combustible cladding in Clause (2)(a) or (b) shall not exceed 5% of the cladding on each exterior wall of each storey where the time from receipt of notification of a fire by the fire department until the arrival of the first fire department vehicle at the building exceeds 10 min in 10% or more of all fire department calls to the building. (See Note A-3.2.3.1.(8).)</p> <p>4) An exterior wall assembly constructed in conformance with Section D-6 of Appendix D is deemed to satisfy the criteria of Clause (2)(d).</p> <p>5) Except as provided in Article 3.2.3.10., where the limiting distance in Table 3.2.3.1.-D or 3.2.3.1.-E permits an area of unprotected openings of not more than 10% of the exposing building face, the construction requirements of Table 3.2.3.7. shall be met.</p> <p>6) A wall assembly conforming to Clause (2)(d) that includes combustible cladding made of fire-retardant-treated wood shall be tested for fire exposure after the cladding has been subjected to the accelerated</p>

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			<p>weathering test specified in ASTM D2898, "Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing."</p> <p>7) Where combustible cladding conforming to Clause (2)(a) or (b) on an exterior wall of a fire compartment is exposed to combustible cladding conforming to Clause (2)(a) or (b) on an exterior wall of the same fire compartment or of another fire compartment, and the planes of the two walls are parallel or at an angle less than 135° measured from the exterior of the building, the different portions of combustible cladding shall</p> <p>a) be separated by a horizontal distance of not less than 3 m, and</p> <p>b) not be contiguous over more than 2 storeys.</p>
3.1.6.10.	Added to 2020 →	3.1.6.10.	<p>Combustible Components in Exterior Walls</p> <p>1) Except as provided in Sentence (2), combustible components, other than those permitted by Article 3.1.6.9., are permitted to be used in an exterior wall assembly of a building or part of a building permitted to be of encapsulated mass timber construction, provided the wall assembly meets the requirements of Clause 3.1.6.9.(2)(d).</p> <p>2) An exterior wall assembly constructed in conformance with Section D-6 of Appendix D is deemed to satisfy the criteria of Sentence (1).</p> <p>3) Non-loadbearing wood elements permitted in Article 3.1.5.6. need not conform to Article 3.1.6.3. in a building or part of a building permitted to be of encapsulated mass timber construction.</p>
3.1.6.11.	Added to 2020 →	3.1.6.11.	<p>Nailing Elements</p> <p>1) Wood nailing elements are permitted to be used for the attachment of a material or assembly of materials used to provide an encapsulation rating in a building or part of a building permitted to be of encapsulated mass timber construction, provided the concealed space created by the wood nailing elements is not more than 25 mm deep.</p> <p>2) Except as permitted by Sentence 3.1.6.16.(2) and Article 3.1.6.6., wood nailing elements are permitted to be used for the attachment of interior finishes in a building or part of a building permitted to be of encapsulated mass timber construction, provided the concealed space created by the wood nailing elements is not more than 50 mm deep and a) exposed surfaces in the concealed space have a flame-spread rating not more than 25, or b) the concealed space is filled with non-combustible insulation</p>

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3.1.6.12.	Added to 2020 →	3.1.6.12.	<p>Combustible Flooring Elements</p> <p>1) Wood members that are more than 50 mm but not more than 300 mm high are permitted to be used for the construction of a raised platform in a building or part of a building permitted to be of encapsulated mass timber construction, and they need not conform to Articles 3.1.6.3. and 3.1.6.4., provided a) the concealed spaces created by the wood members are divided into compartments by fire blocks in conformance with Sentence 3.1.11.3.(4), and b) the wood members are</p> <p>i) applied directly to or set into a non-combustible floor slab, or</p> <p>ii) applied directly to a mass timber floor assembly that conforms to the requirements of Article 3.1.6.3.</p> <p>2) The upper surface of the mass timber floor assembly referred to in Subclause (1)(b)(ii) is permitted to be encapsulated only between the wood members by a material or assembly of materials conforming to Sentences 3.1.6.4.(1) and (2).</p> <p>3) The floor system for the raised platform referred to in Sentence (1) is permitted to include a combustible subfloor and combustible finished flooring.</p>
3.1.6.13.	Added to 2020 →	3.1.6.13.	<p>Combustible Stairs</p> <p>1) Wood stairs and landings conforming to the requirements for floor assemblies in Article 3.1.6.3. and Sentences 3.1.6.4.(1) and (2) are permitted in an exit stairwell in a building or part of a building permitted to be of encapsulated mass timber construction.</p> <p>2) Wood stairs in a suite in a building or part of a building permitted to be of encapsulated mass timber construction need not conform to Articles 3.1.6.3. and 3.1.6.4.</p>
3.1.6.14.	Added to 2020 →	3.1.6.14.	<p>Combustible Interior Finishes</p> <p>1) Except as provided in Sentences (2) and (3), combustible interior wall and ceiling finishes referred to in Clause 3.1.13.1.(2)(b) that are not more than 1 mm thick are permitted in a building or part of a building permitted to be of encapsulated mass timber construction.</p> <p>2) Except as provided in Sentences 3.1.6.4.(3) and (4), combustible interior wall finishes, other than foamed plastics, that are not more than 25 mm thick are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided they have a flame-spread rating not more than 150 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction.</p> <p>3) Except as provided in Sentences (4) and 3.1.6.4.(3) and (6), combustible interior ceiling finishes, other than foamed plastics, that are not more than 25 mm thick are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided they have a flame-spread rating not more than 25 on any exposed surface, or any surface that would be exposed by cutting through the material in any direction, except that not more than 10% of the ceiling area within each fire compartment is permitted to have a flame-spread rating not more than 150. (See Note A-3.1.11.3.(3).)</p> <p>4) Combustible interior ceiling finishes made of fire-retardant-treated wood are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided they are not more than 25 mm thick or are exposed fire-retardant-treated wood battens.</p>

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3.1.6.15.	Added to 2020 →	3.1.6.15.	<p>Combustible Elements in Partitions</p> <p>1) Solid lumber partitions not less than 38 mm thick and partitions containing wood framing that do not conform to Article 3.1.6.3. are permitted in a building or part of a building permitted to be of encapsulated mass timber construction, provided the partitions are</p> <p>a) protected on each face with not less than</p> <p>i) a single layer of 12.7 mm thick Type X gypsum board, with all joints either backed or taped and filled, conforming to ASTM C1396/C1396M, “Standard Specification for Gypsum Board,” or CAN/CSA A82.27-M, “Gypsum Board,”</p> <p>ii) a single layer of 19 mm thick fire-retardant-treated wood, on solid lumber partitions, or iii) a single layer of 19 mm thick fire-retardant-treated wood, on partitions containing wood framing, where the wood stud cavities are filled with non-combustible insulation, and b) not installed as enclosures for exits or vertical service spaces.</p>
3.1.6.16.	Added to 2020 →	3.1.6.16.	<p>Exposed Construction Materials and Components in Concealed Spaces</p> <p>1) Except as provided in Sentence (2) and Article 3.1.11.7., and except as otherwise provided in this Subsection, only construction materials and components permitted in non-combustible construction shall be permitted to have exposed surfaces in concealed spaces within floor, roof, and wall assemblies in a building or part of a building permitted to be of encapsulated mass timber construction.</p> <p>2) Exposed surfaces are permitted in a concealed space created by the attachment of a material or assembly of materials conforming to Sentence 3.1.6.4.(1), provided the concealed space is not more than 25 mm deep.</p>
3.1.6.17.	Added to 2020 →	3.1.6.17.	<p>Penetration by Outlet Boxes</p> <p>1) The minimum dimensions stated in Table 3.1.6.3. need not apply at cutouts in vertical or horizontal structural mass timber elements where outlet boxes are installed in accordance with Article 3.1.9.3. (See also Note A-3.1.9.2.(1).)</p> <p>2) The exposed surfaces of the cutouts described in Sentence (1) need not be protected in accordance with Sentence 3.1.6.4.(1).</p> <p>3) Outlet boxes on opposite sides of a structural mass timber element having a fire-resistance rating shall be separated by a distance of not less than 600 mm.</p>
3.1.7.5.	<p>Rating of Supporting Construction</p> <p>1) Except as permitted by Sentence (2) and by Articles 3.2.2.20. to 3.2.2.90. for mixed types of construction, all loadbearing walls, columns, and arches in the storey immediately below a floor or roof assembly required to have a fire-resistance rating shall have a fire-resistance rating not less than that required for the supported floor or roof assembly.</p> <p>2) Loadbearing walls, columns and arches supporting a service room or service space need not conform to Sentence (1). 3) Except for non-combustible roof assemblies required by Clauses 3.2.2.50.(2)(c) and 3.2.2.58.(2)(c), if an assembly is required to be of non-combustible</p>	3.1.7.5.	<p>Rating of Supporting Construction</p> <p>3) Except as provided in Sentence (4) and except for non-combustible roof assemblies required by Clauses 3.2.2.51.(2)(c) and 3.2.2.60.(2)(c), if an assembly is required to be <i>of non-combustible construction and have a fire-resistance rating, it shall be supported by non-combustible construction.</i></p> <p>4) Except for portions of a building constructed in accordance with Article 3.2.2.7. that are required to be <i>of non-combustible construction, assemblies of non-combustible construction in buildings or portions of buildings permitted to be of encapsulated mass timber construction are permitted to be supported by encapsulated mass timber construction.</i></p>

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	construction and have a fire-resistance rating, it shall be supported by non-combustible construction.		
3.1.8.1.	<p>Fire Separations and Closures General Requirements 1) Any wall, partition or floor assembly required to be a fire separation shall a) except as permitted by Sentence (2), be constructed as a continuous element, and b) as required in this Part, have a fire-resistance rating as specified (see Note A-3.1.8.1.(1)(b)). 2) Openings in a fire separation shall be protected with closures, shafts or other means in conformance with Articles 3.1.8.4. to 3.1.8.19. and Subsections 3.1.9. and 3.2.8. (See Note A-3.1.8.1.(2).)</p>	3.1.8.1.	<p>Fire Separations and Closures General Requirements 1) Any wall, partition or floor assembly required to be a fire separation shall a) except as permitted by Sentence (2), be constructed as a continuous element in conformance with Article 3.1.8.3., and b) as required in this Part, have a fire-resistance rating as specified (see Note A-3.1.8.1.(1)(b)).</p>
3.1.8.2.	<p>Combustible Construction Support 1) Combustible construction that abuts on or is supported by a non-combustible fire separation shall be constructed so that its collapse under fire conditions will not cause the collapse of the fire separation.</p>	3.1.8.2.	<p>Continuity of Fire Separations 2) Except as provided in Sentence (5), the continuity of a fire separation having a fire-resistance rating that abuts another fire separation, a floor, a ceiling, or a roof shall be maintained by a firestop conforming to Sentence (3). (See Note A-3.1.8.3.(2).) 3) The firestop required in Sentence (2) shall have an FT rating not less than the fire-resistance rating of the abutting fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems." 4) Except as provided in Sentence (5), joints located in a horizontal plane between a floor and an exterior wall shall be sealed by a firestop that, when subjected to the fire test method in ASTM E2307, "Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-storey Test Apparatus," has an F rating not less than the fire-resistance rating of the horizontal fire separation. 5) Joints between ceilings and walls, between floors and walls, and between walls at corners need not comply with Sentences (2) and (4) where such joints consist of gypsum board that is attached to framing members and arranged so as to restrict the passage of flame and smoke through the joints. (See Note A-3.1.8.3.(5).)</p>
3.1.8.3.	<p>Continuity of Fire Separations 2) The fire separation required by Sentence (1) shall terminate so that smoke-tight joints are provided where it abuts on or intersects a) a floor, b) a roof slab, or c) a roof deck. 3) Except as required by Subsection 3.6.3. for a shaft penetrating a roof assembly, a shaft, including an exit enclosure, that penetrates a fire separation, shall a) extend through any horizontal service space or any other concealed space, and b) terminate so that smoke-tight joints are provided where the shaft abuts on or intersects i) a floor, ii) a roof slab, or iii) a roof deck. 4) The continuity of a fire separation shall be maintained where it abuts another fire separation, a floor, a ceiling, a roof, or an exterior wall assembly. (See Note A-3.1.8.3.(4).)</p>		

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3.1.8.16. Wired Glass and Glass Block
1) Except as permitted by Articles 3.1.8.18. and 3.1.8.19. for the separation of exits, an opening in a fire separation having a fire-resistance rating not more than 1 h is permitted to be protected with fixed wired glass assemblies or glass blocks installed in conformance with NFPA 80, “Fire Doors and Other Opening Protectives.”
2) Wired glass assemblies permitted by Sentence (1) and described in Appendix D are permitted to be used as closures in vertical fire separations without being tested in accordance with Sentence 3.1.8.4.(1).
3) Glass blocks permitted by Sentence (1) shall be installed in accordance with Subsection 4.3.2. and reinforced with steel reinforcement in each horizontal joint.

3.1.8.16. Wired Glass and Glass Block
1) Except as permitted by Articles 3.1.8.18. and 3.1.8.19. for the separation of exits, an opening in a fire separation having a fire-resistance rating not more than 1 h is permitted to be protected with fixed wired glass assemblies or glass blocks installed in conformance with NFPA 80, “Standard for Fire Doors and Other Opening Protectives.”
(See also Article 3.3.2.17.)

3.1.8.17. Temperature Rise Limit for Doors

Table 3.1.8.17.
Restrictions on Temperature Rise and Glazing for Closures
Forming Part of Articles 3.1.8.17. and 3.1.8.18.

Location	Minimum Required Fire-Protection Rating of Door	Maximum Temperature Rise on Opaque Portion of Unexposed Side of Door, °C	Maximum Area of Wired Glass in Door, m²	Maximum Aggregate Area of Glass Block and Wired Glass Panels not in a Door, m²
Between a dead-end corridor and an adjacent occupancy where the corridor provides the only access to exit and is required to have a fire-resistance rating	Less than 45 min	No limit	No limit	No limit
	45 min	250 after 30 min	0.0645	0.0645
Between an exit enclosure and the adjacent floor area in a building not more than 3 storeys in building height	All ratings	No limit	0.8	0.8
Between an exit enclosure and the adjacent floor area (except as permitted above)	45 min	250 after 30 min	0.0645	0.0645
	1.5 h	250 after 1 h	0.0645	0.0645
	2 h	250 after 1 h	0.0645	0.0645
In a firewall	1.5 h	250 after 30 min	0.0645	0
	3 h	250 after 1 h	0	0

3.1.8.17. Temperature Rise Limit for Doors

Table 3.1.8.17.
Restrictions on Temperature Rise and Glazing for Closures
Forming Part of Articles 3.1.8.17. and 3.1.8.18.

Location	Minimum Required Fire-Protection Rating of Door	Maximum Temperature Rise on Opaque Portion of Unexposed Side of Door, °C	Maximum Aggregate Area of Wired Glass or Safety Glazing in a Door, m²	Maximum Aggregate Area of Glass Block, Wired Glass or Safety Glazing Panels Not in a Door, m²
Between a dead-end corridor and an adjacent occupancy where the corridor provides the only access to exit and is required to have a fire-resistance rating	Less than 45 min	No limit	No limit	No limit
	45 min	250 after 30 min	0.0645	0.0645
Between an exit enclosure and the adjacent floor area in a building not more than 3 storeys in building height	All ratings	No limit	0.8	0.8
Between an exit enclosure and the adjacent floor area (except as permitted above)	45 min	250 after 30 min	0.0645	0.0645
	1.5 h	250 after 1 h	0.0645	0.0645
	2 h	250 after 1 h	0.0645	0.0645
In a firewall	45 min	250 after 30 min	0.0645	0
	1.5 h	250 after 30 min	0.0645	0
	3 h	250 after 1 h	0	0

3.1.8.19. Temperature Rise and Area Limits Waived
1) The temperature rise limits and glass area limits required by Articles 3.1.8.17. and 3.1.8.18. are waived for a closure between an exit enclosure and an enclosed vestibule or corridor, provided
a) the vestibule or corridor is separated from the remainder of the floor area by a fire separation having a fire-resistance rating not less than 45 min,

3.1.8.19. Temperature Rise and Area Limits Waived
1) The temperature rise limits and glass area limits required by Articles 3.1.8.17. and 3.1.8.18. are waived for a closure between an exit enclosure and an enclosed vestibule or corridor, provided
a) the vestibule or corridor is separated from the remainder of the floor area by a fire separation having a fire-resistance rating not less than 45 min,
b) the fire separation required by Clause (a) contains no wired glass, glass block or safety glazing within 3 m of the closure into the exit enclosure, and

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	<p>b) the fire separation required by Clause (a) contains no wired glass or glass block within 3 m of the closure into the exit enclosure, and</p> <p>c) the vestibule or corridor contains no occupancy. (See Note A-3.1.8.19.(1).)</p>		<p>c) the vestibule or corridor contains no occupancy. (See Note A-3.1.8.19.(1).)</p>
<p>3.1.9.1.</p>	<p>Penetrations in Fire Separations and Fire-Rated Assemblies (See Note A-3.1.9.)</p> <p>Firestops</p> <p>1) Except as provided in Sentences (2) to (5) and Article 3.1.9.4., penetrations of a fire separation or a membrane forming part of an assembly required to have a fire-resistance rating shall be a) sealed by a fire stop that, when subjected to the fire test method in CAN/ULC-S115, “Fire Tests of Firestop Systems,” has an F rating not less than the fire-protection rating required for closures in the fire separation in conformance with Table 3.1.8.4., or b) cast in place (see Note A-3.1.9.1.(1)(b)). (See also Article 3.1.9.5. for requirements regarding penetrations by combustible drain, waste and vent piping.)</p> <p>2) Penetrations of a firewall or a horizontal fire separation that is required to have a fire-resistance rating in conformance with Article 3.2.1.2. shall be sealed at the penetration by a fire stop that, when subjected to the fire test method in CAN/ULC-S115, “Fire Tests of Firestop Systems,” has an FT rating not less than the fire-resistance rating for the fire separation.</p> <p>3) Penetrations of a fire separation in conformance with Sentence 3.6.4.2.(2) shall be sealed by a fire stop that, when subjected to the fire test method in CAN/ULC-S115, “Fire Tests of Firestop Systems,” has an FT rating not less than the fire-resistance rating for the fire separation of the assembly.</p> <p>4) Sprinklers are permitted to penetrate a fire separation or a membrane forming part of an assembly required to have a fire-resistance rating without having to meet the fire stop requirements of Sentences (1) to (3), provided the annular space created by the penetration of a fire sprinkler is covered by a metal escutcheon plate in accordance with NFPA 13, “Installation of Sprinkler Systems.”</p> <p>5) Unless specifically designed with a fire stop, fire dampers are permitted to penetrate a fire separation or a membrane forming part of an assembly required to have a fire-resistance rating without having to meet the fire stop requirements of Sentences (1) to (3), provided the fire damper is installed in conformance with NFPA 80, “Fire Doors and Other Opening Protectives.”</p>	<p>3.1.9.1.</p>	<p>Penetrations in Fire Separations and Fire-Rated Assemblies (See Note A-3.1.9.)</p> <p>Firestops</p> <p>1) Except as provided in Sentences (2) to (7) and Article 3.1.9.3., penetrations of a fire separation or a membrane forming part of an assembly required to have a fire-resistance rating shall be a) sealed by a firestop that, when subjected to the fire test method in CAN/ULC-S115, “Standard Method of Fire Tests of Firestop Systems,” has an F rating not less than the required fire-resistance rating of the fire separation, or b) cast in place, where the item penetrating the fire separation is steel, ferrous, copper, concrete or masonry (see Note A-3.1.9.1.(1)(b)). (See also Article 3.1.9.4. for requirements regarding penetrations by combustible drain, waste and vent piping.)</p> <p>2) Except as permitted in Sentence (6), penetrations of a firewall or a horizontal fire separation that is required to have a fire-resistance rating in conformance with Article 3.2.1.2. shall be sealed at the penetration by a firestop that, when subjected to the fire test method in CAN/ULC-S115, “Standard Method of Fire Tests of Firestop Systems,” has an FT rating not less than the fire-resistance rating for the fire separation.</p> <p>3) Except as permitted in Sentences (6) and (7), penetrations of a fire separation in conformance with Sentence 3.6.4.2.(2) shall be sealed by a firestop that, when subjected to the fire test method in CAN/ULC-S115, “Standard Method of Fire Tests of Firestop Systems,” has an FT rating not less than the fire-resistance rating for the fire separation of the assembly</p> <p>6) Service equipment penetrations through a horizontal fire separation having a fire-resistance rating as described in Sentences (2) and (3) that are contained within the cavity of a wall above and below the horizontal fire separation are permitted to be sealed at the penetration by a firestop that, when subjected to the fire test method in CAN/ULC-S115, “Standard Method of Fire Tests of Firestop Systems,” has an F rating not less than the fire-resistance rating for the fire separation.</p> <p>7) Service equipment penetrations through a horizontal fire separation having a fire-resistance rating as described in Sentence (3) are permitted to be sealed at the penetration by a firestop that, when subjected to the fire test method in CAN/ULC-S115, “Standard Method of Fire Tests of Firestop Systems,” has an F rating not less than the fire-resistance rating for the fire separation, provided the penetration</p> <p>a) is contained within the concealed space of a floor or ceiling assembly having a fire-resistance rating,</p> <p>b) is located above a ceiling membrane that is a horizontal fire separation, or</p> <p>c) is contained within a horizontal service space conforming to Subsection 3.6.4. that is directly above or below the floor.</p>

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3.1.9.2.	<p>Combustibility of Service Penetrations</p> <p>1) Except as permitted by Articles 3.1.9.3. and 3.1.9.5., pipes, ducts, electrical outlet boxes, totally enclosed raceways or other similar service equipment that penetrate an assembly required to have a fire-resistance rating shall be non-combustible, unless the assembly was tested incorporating that service equipment. (See Note A-3.1.9.2.(1).)</p>	3.1.9.2.	<p>Service Equipment Penetrations</p> <p>1) Ducts, electrical outlet boxes, pipes, totally enclosed raceways, optical fibre cables, electrical wires and cables, and other similar service equipment are permitted to penetrate a fire separation or a membrane forming part of an assembly required to have a fire-resistance rating, provided they are protected at the penetration with a firestop conforming to Sentence 3.1.9.1.(1). (See Note A-3.1.9.2.(1).)</p> <p>2) Combustible totally enclosed raceways that are embedded in a concrete floor slab are permitted in an assembly required to have a fire-resistance rating, provided the concrete cover between the raceway and the bottom of the slab is not less than 50 mm.</p>
3.1.9.3.	<p>Penetration by Outlet Boxes</p> <p>1) Optical fibre cables and electrical wires and cables in totally enclosed non-combustible raceways are permitted to penetrate an assembly required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2.</p> <p>2) Except as permitted by Sentence (3), totally enclosed non-metallic raceways conforming to Article 3.1.5.23., optical fibre cables, and electrical wires and cables, single or grouped, with combustible insulation, jackets or sheathes that conform to the requirements of Clause 3.1.5.21.(1)(a) and that are not installed in totally enclosed non-combustible raceways are permitted to penetrate an assembly required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2., provided the overall diameter of the single or grouped wires or cables, or the raceways is not more than 25 mm.</p> <p>3) Single conductor metal sheathed cables with combustible jacketing that are more than 25 mm in overall diameter are permitted to penetrate a fire separation required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2., provided the cables are not grouped and are spaced a minimum of 300 mm apart.</p> <p>4) Combustible totally enclosed raceways that are embedded in a concrete floor slab are permitted in an assembly required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2., provided the concrete cover between the raceway and the bottom of the slab is not less than 50 mm.</p> <p>5) Combustible outlet boxes are permitted in an assembly required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2., provided the opening through the membrane into the box is not more than 0.016 m².</p>	3.1.9.3.	<p>Penetration by Outlet Boxes (See Note A-3.1.9.3.) (See also Note A-3.1.9.2.(1).)</p> <p>1) Except as provided in Sentence (3), outlet boxes are permitted to penetrate the membrane of an assembly required to have a fire-resistance rating, provided they are sealed at the penetration by a firestop that has an FT rating not less than the fire-resistance rating of the fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems."</p> <p>2) Combustible outlet boxes are permitted to penetrate the membrane of an assembly required to have a fire-resistance rating, provided they are sealed at the penetration by a firestop that, when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems," has an FT rating not less than the fire-resistance rating for the fire separation.</p> <p>4) Outlet boxes on opposite sides of a vertical fire separation having a fire-resistance rating shall be separated by</p> <p>a) a horizontal distance of not less than 600 mm,</p> <p>b) a fire block conforming to Article 3.1.11.7., or</p> <p>c) a firestop installed on each outlet box that has an FT rating not less than the fire-resistance rating of the fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems."</p>
3.1.9.4.	<p>Penetration by Outlet Boxes (See Note A-3.1.9.4.)</p> <p>1) Except as provided in Sentence (2), outlet boxes are permitted to penetrate the membrane of an assembly required to have a fire-resistance rating, provided they are sealed at the penetration by a fire stop that has an FT rating not less than the fire-resistance rating of the</p>	3.1.9.4.	<p>Combustible Piping Penetrations</p> <p>2) Combustible water distribution piping is permitted to penetrate a fire separation that is required to have a fire-resistance rating, provided the piping is protected at the penetration with a firestop in conformance with Clause (4)(a) or (b).</p>

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	<p>fire separation when subjected to the fire test method in CAN/ULC-S115, "Fire Tests of Firestop Systems."</p> <p>2) Except as provided in Sentences 3.1.9.1.(2) and (3), non-combustible outlet boxes that penetrate a vertical fire separation or a membrane forming part of an assembly required to have a fire-resistance rating need not conform to Sentence (1), provided</p> <p>a) they do not exceed</p> <p>i) 0.016 m² in area, and</p> <p>ii) an aggregate area of 0.065 m² in any 9.3 m² of surface area, and</p> <p>b) the annular space between the membrane and the non-combustible electrical outlet boxes does not exceed 3 mm.</p> <p>3) In addition to the requirements of Sentence (2), outlet boxes on opposite sides of a vertical fire separation having a fire-resistance rating shall be separated by</p> <p>a) a horizontal distance of not less than 600 mm, or</p> <p>b) a fire block conforming to Article 3.1.11.7.</p>		<p>3) Except as permitted by Sentences (4), (5), (7) and (8), combustible piping shall not be used in a drain, waste and vent piping system if any part of that system penetrates</p> <p>a) a fire separation required to have a fire-resistance rating, or</p> <p>b) a membrane that forms part of an assembly required to have a fire-resistance rating.</p> <p>4) Combustible drain, waste and vent piping is permitted to penetrate a fire separation required to have a fire-resistance rating or a membrane that forms part of an assembly required to have a fire-resistance rating, provided</p> <p>a) except as provided in Clause (b), the piping is sealed at the penetration by a firestop that has an F rating not less than the fire-resistance rating required for the fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems,"</p> <p>b) in buildings more than 3 storeys in building height, the piping is sealed at the penetration by a firestop that has an F rating not less than the fire-resistance rating required for the fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems," with a pressure differential of 50 Pa between the exposed and unexposed sides, with the higher pressure on the exposed side, and</p> <p>c) the piping is not located in a vertical service space.</p> <p>7) Except as provided in Sentence (8), penetrations of a fire separation that incorporate transitions between combustible and non-combustible drain, waste and vent piping shall be sealed by a firestop that has an F rating not less than the fire-resistance rating required for the fire separation when subjected to the fire test method in CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems," with a pressure differential of 50 Pa between the exposed and unexposed sides, with the higher pressure on the exposed side.</p> <p>8) Transitions between vertical non-combustible drain, waste and vent piping and combustible branches for drain, waste and vent piping are permitted on either side of a fire separation, provided they are not located in a vertical service space. (See Note A-3.1.9.4.(8).)</p>
3.1.9.5.	<p>Combustible Piping Penetrations</p> <p>2) Combustible water distribution piping is permitted to penetrate a fire separation that is required to have a fire-resistance rating without being incorporated in the assembly at the time of testing as required by Article 3.1.9.2., provided the piping is protected at the penetration with a fire stop in conformance with Sentence (4).</p> <p>3) Except as permitted by Sentences (4) to (5), combustible piping shall not be used in a drain, waste and vent piping system if any part of that system penetrates</p> <p>a) a fire separation required to have a fire-resistance rating, or</p> <p>b) a membrane that forms part of an assembly required to have a fire-resistance rating.</p> <p>4) Combustible drain, waste and vent piping is permitted to penetrate a fire separation required to have a fire-resistance rating or a membrane that forms part of an assembly required to have a fire-resistance rating, provided</p> <p>a) the piping is sealed at the penetration by a fire stop that has an F rating not less than the fire-resistance rating required for the fire separation when subjected to the fire test method in CAN/ULC-S115, "Fire Tests of Firestop Systems," with a pressure differential of 50 Pa between the exposed and unexposed sides, with the higher pressure on the exposed side, and</p> <p>b) the piping is not located in a vertical service space.</p> <p>5) Combustible drain, waste and vent piping is permitted on one side of a vertical fire separation provided it is not located in a vertical service space.</p> <p>6) Combustible piping for central vacuum systems is permitted to penetrate a fire separation provided the installation conforms to the requirements that apply to combustible drain, waste and vent piping specified in Sentence (4).</p>		

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3.1.11.3.	<p>Fire Blocks between Nailing and Supporting Elements</p> <p>1) Fire blocks conforming to Article 3.1.11.7. shall be provided</p> <p>a) at all interconnections between concealed vertical and horizontal spaces in interior covered ceilings, drop ceilings and soffits in which the exposed construction materials within the space have a flame-spread rating more than 25, and</p> <p>b) at the end of each run and at each floor level in concealed spaces between stair stringers in which the exposed construction materials within the space have a flame-spread rating more than 25.</p>	3.1.11.3.	<p>Fire Blocks between Nailing and Supporting Elements</p> <p>3) In a building or part of a building permitted to be of encapsulated mass timber construction, a concealed space in which there is an exposed ceiling finish with a flame-spread rating more than 25 shall be provided with fire blocks conforming to Article 3.1.11.7. between wood nailing elements so that the maximum area of the concealed space is not more than 2 m². (See Note A-3.1.11.3.(3).)</p> <p>4) In a building or part of a building permitted to be of encapsulated mass timber construction, fire blocks conforming to Article 3.1.11.7. shall be provided in the concealed spaces created by the wood members permitted by Sentence 3.1.6.12.(1) so that the maximum area of a concealed space is not more than 10 m².</p>
3.1.11.5.	<p>Fire Blocks in Horizontal Concealed Spaces</p> <p>3) Except as provided in Sentence (4), in buildings conforming to Article 3.2.2.50. or 3.2.2.58., horizontal concealed spaces within a floor assembly or roof assembly of combustible construction shall be separated by construction conforming to Article 3.1.11.7. into compartments that are</p> <p>a) not more than 600 m² in area with no dimension more than 60 m, if the exposed construction materials within the space have a flame-spread rating not more than 25, and</p> <p>b) not more than 300 m² in area with no dimension more than 20 m, if the exposed construction materials within the space have a flame-spread rating more than 25. (See Note A-3.1.11.5.(3).)</p> <p>4) Fire blocks conforming to Sentence (3) are not required where the horizontal concealed space within the floor or roof assembly is entirely filled with non-combustible insulation such that any air gap between the top of the insulation and the floor or roof deck does not exceed 50 mm.</p>	3.1.11.5.	<p>Fire Blocks in Horizontal Concealed Spaces</p> <p>3) Except as provided in Sentence (5), in buildings or parts thereof conforming to Article 3.2.2.51. or 3.2.2.60., horizontal concealed spaces within a floor assembly or roof assembly of combustible construction shall be separated by construction conforming to Article 3.1.11.7. into compartments that are</p> <p>a) not more than 600 m² in area with no dimension more than 60 m, if the exposed construction materials within the space have a flame-spread rating not more than 25, and</p> <p>b) not more than 300 m² in area with no dimension more than 20 m, if the exposed construction materials within the space have a flame-spread rating more than 25. (See Note A-3.1.11.5.(3) and (4).)</p> <p>4) Except for crawl spaces conforming to Sentence 3.1.11.6.(1) and except as provided in Sentence (5), in buildings or parts thereof conforming to Article 3.2.2.48. or 3.2.2.57., horizontal concealed spaces within a floor assembly or roof assembly of encapsulated mass timber construction shall be separated by construction conforming to Article 3.1.11.7. into compartments that are</p> <p>a) not more than 600 m² in area with no dimension more than 60 m, if the exposed construction materials within the space have a flame-spread rating not more than 25, and</p> <p>b) not more than 300 m² in area with no dimension more than 20 m, if the exposed construction materials within the space have a flame-spread rating more than 25. (See Note A-3.1.11.5.(3) and (4).)</p> <p>5) Fire blocks conforming to Sentences (3) and (4) are not required where the horizontal concealed space within the floor or roof assembly is entirely filled with non-combustible insulation such that any air gap between the top of the insulation and the floor or roof deck does not exceed 50 mm.</p>
3.1.11.7.	<p>Fire Block Materials</p> <p>4) In a building permitted to be of combustible construction, in a combustible roof system permitted by Sentence 3.1.5.3.(2), and in a raised platform permitted by Sentence 3.1.5.10.(2), fire blocks are permitted to be</p> <p>a) solid lumber or a structural composite lumber product conforming to ASTM D 5456, "Evaluation of Structural Composite Lumber Products," not less than 38 mm thick,</p> <p>b) phenolic bonded plywood, waferboard, or oriented strandboard not less than 12.5 mm thick with joints supported, or c) two thicknesses of lumber or a structural composite lumber product conforming to ASTM D 5456, "Evaluation of Structural Composite Lumber Products,"</p>	3.1.11.7.	<p>Fire Block Materials</p> <p>4) In a building or part of a building permitted to be of encapsulated mass timber construction, wood nailing elements referred to in Article 3.1.6.11. need not be tested in conformance with Sentence (1).</p> <p>5) In a building permitted to be of combustible construction, in a combustible roof system permitted by Sentences 3.1.5.3.(2) and 3.1.6.7.(1), and in a raised platform permitted by Sentences 3.1.5.10.(2) and 3.1.6.12.(1), fire blocks are permitted to be</p>

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	each not less than 19 mm thick with joints staggered, where the width or height of the concealed space requires more than one piece of lumber or structural composite lumber product not less than 38 mm thick to block off the space. 5) Openings through materials referred to in Sentences (1) to (4) shall be protected to maintain the integrity of the construction.		
3.1.13.12.	Added to 2020 →	3.1.13.12.	Encapsulated Mass Timber Construction 1) In a building or part of a building permitted to be of encapsulated mass timber construction, a) the flame-spread ratings required by Subsection 3.1.6. shall apply in addition to the requirements in this Subsection, and b) the flame-spread ratings for exits required by this Subsection shall also apply to any surface in the exit that would be exposed by cutting through the material in any direction, except that this requirement does not apply to doors, structural mass timber elements conforming to Sentence 3.1.6.4.(3), heavy timber construction, and fire-retardant-treated wood.
3.1.15.2.	Roof Coverings 1) Except as provided in Sentences (2) and (3), every roof covering shall have a Class A, B or C classification as determined in accordance with Article 3.1.15.1. 2) A roof covering is not required to have a Class A, B or C classification for a) a tent, b) an air-supported structure, c) a building of Group A, Division 2 occupancy not more than 2 storeys in building height and not more than 1 000 m2 in building area provided the roof covering is underlaid with noncombustible material, or d) a steel building system referred to in Article 4.3.4.3., provided the roof covering consists of brick, masonry, concrete, metal sheets or metal shingles. 3) Except as provided in Sentence (4), roof coverings on buildings conforming to Article 3.2.2.50. or 3.2.2.58. shall have a Class A classification where the roof height is greater than 25 m measured from the floor of the first storey to the highest point of the roof. 4) Where buildings conforming to Article 3.2.2.50. or 3.2.2.58. include non-contiguous roof assemblies at different elevations, the roof coverings referred to in Sentence (3) are permitted to be evaluated separately to determine the roof covering classification required.	3.1.15.2.	Roof Coverings 1) Except as provided in Sentences (2) to (4), every roof covering shall have a Class A, B or C classification as determined in accordance with Article 3.1.15.1. 4) Except as provided in Sentence (5), roof coverings in buildings or parts of buildings permitted to be of encapsulated mass timber construction shall have a Class A classification where the roof height is greater than 25 m measured from the floor of the first storey to the highest point of the roof. 5) Where buildings or parts thereof conforming to Article 3.2.2.48., 3.2.2.51., 3.2.2.57. or 3.2.2.60. include non-contiguous roof assemblies at different elevations, the roof coverings referred to in Sentences (3) and (4) are permitted to be evaluated separately to determine the roof covering classification required.
3.2.1.2.	Storage Garage Considered as a Separate Building 2) The exterior wall of a basement that is required to be a fire separation with a fire-resistance rating in accordance with Sentence (1) is permitted to be penetrated by openings that are not protected by closures provided a) the storage garage is sprinklered throughout,	3.2.1.2.	Storage Garage Considered as a Separate Building 2) The exterior wall of a basement that is required to be a fire separation with a fire-resistance rating in accordance with Sentence (1) is permitted to be penetrated by openings that are not protected by closures provided a) the storage garage is sprinklered throughout,

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	<p>b) every opening in the exterior wall is separated from storeys above the opening by a projection of the floor or roof assembly above the basement, extending not less than</p> <ul style="list-style-type: none"> i) 1 m beyond the exterior face of the storage garage if the upper storeys are required to be of non-combustible construction, or ii) 2 m beyond the exterior face of the storage garage if the upper storeys are permitted to be of combustible construction, or <p>c) the exterior walls of any storeys located above the floor or roof assembly referred to in Sentence (1) are recessed behind the outer edge of the assembly by not less than</p> <ul style="list-style-type: none"> i) 1 m if the upper storeys are required to be of non-combustible construction, or ii) 2 m if the upper storeys are permitted to be of combustible construction. 		<p>b) every opening in the exterior wall is separated from storeys above the opening by a projection of the floor or roof assembly above the basement, extending not less than</p> <ul style="list-style-type: none"> i) 1 m beyond the exterior face of the storage garage if the upper storeys are required to be of non-combustible construction, or ii) 2 m beyond the exterior face of the storage garage if the upper storeys are permitted to be of combustible construction or encapsulated mass timber construction, or <p>c) the exterior walls of any storeys located above the floor or roof assembly referred to in Sentence (1) are recessed behind the outer edge of the assembly by not less than</p> <ul style="list-style-type: none"> i) 1 m if the upper storeys are required to be of non-combustible construction, or ii) 2 m if the upper storeys are permitted to be of combustible construction or encapsulated mass timber construction.
3.2.2.6.	<p>Multiple Major Occupancies</p> <p>1) Except as permitted by Articles 3.2.2.7. and 3.2.2.8., in a building containing more than one major occupancy, the requirements of this Subsection for the most restricted major occupancy contained shall apply to the whole building.</p>	3.2.2.6.	<p>Multiple Major Occupancies</p> <p>1) Except as permitted by Articles 3.2.2.7. and 3.2.2.8., and Sentences 3.2.2.48.(4), 3.2.2.51.(5), 3.2.2.57.(3) and 3.2.2.60.(4), in a building containing more than one major occupancy, the requirements of this Subsection for the most restricted major occupancy contained shall apply to the whole building.</p>
3.2.2.10.	<p>Streets</p> <p>3) A building conforming to Article 3.2.2.50. or 3.2.2.58. is considered to face 1 street where not less than 25% of the building perimeter is located within 15 m of a street or streets</p>	3.2.2.10.	<p>Streets</p> <p>3) A building conforming to Article 3.2.2.51. or 3.2.2.60. is considered to face 1 street where</p> <ul style="list-style-type: none"> a) not less than 25% of the building perimeter is located within 15 m of a street or streets, or b) not less than 10% of the building perimeter is located within 15 m of a street or streets, provided the exterior cladding conforms to Sentence 3.1.4.8.(2).
3.2.2.11.	<p>Exterior Balconies</p> <p>1) An exterior balcony shall be constructed in accordance with the type of construction required by Articles 3.2.2.20. to 3.2.2.90., as applicable to the occupancy classification of the building.</p>	3.2.2.11.	<p>Exterior Balconies</p> <p>1) Except as provided in Sentence (2), an exterior balcony shall be constructed in accordance with the type of construction required by Articles 3.2.2.20. to 3.2.2.92., as applicable to the occupancy classification of the building.</p> <p>2) The floor assembly of an exterior balcony in a building or part of a building conforming to Article 3.2.2.48. or 3.2.2.57. shall a) be of non-combustible construction, or b) be constructed in accordance with Article 3.1.6.3., but need not comply with Sentence 3.1.6.4.(1).</p>
3.2.2.17.	<p>Arena-Type Building Roof Assembly</p> <p>1) The requirements for a roof assembly to have a fire-resistance rating are permitted to be waived for a gymnasium, a swimming pool, an arena, or a rink if no part of the roof assembly is less than 6 m above the main floor or balcony and the roof carries no loads other than normal roof loads, including permanent access walks, and ventilating, sound and lighting equipment, except that the restriction concerning minimum distance shall not apply to</p>	3.2.2.17.	<p>Roof Assemblies and Mezzanines in Gymnasiums, Swimming Pools, Arenas and Rinks</p> <p>1) The requirements for a roof assembly to have a fire-resistance rating stated in Articles 3.2.2.25., 3.2.2.30. and 3.2.2.32. are permitted to be waived for gymnasiums, swimming pools, arenas, and rinks, provided</p> <ul style="list-style-type: none"> a) the roof carries no loads other than normal roof loads, including permanent access walks, and ventilating, sound and lighting equipment, and

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	<p>a) an inclined and stepped floor ascending from the main floor which is used for seating purposes only, or</p> <p>b) a balcony used for seating purposes only.</p>		<p>b) except as provided in Sentence (3), no part of the roof assembly is less than 6 m above the main floor or balcony. (See Note A-3.2.2.17.(1).)</p> <p>2) The requirements for a mezzanine to have a fire-resistance rating stated in Articles 3.2.2.25., 3.2.2.30. and 3.2.2.32. are permitted to be waived for gymnasiums, swimming pools, arenas, and rinks, provided</p> <p>a) the mezzanine is not required to be considered as a storey as per Sentences 3.2.1.1.(3) to (5),</p> <p>b) the mezzanine is used only for ventilating, sound and lighting equipment, and c) except as provided in Sentence (3), no part of the mezzanine is less than 6 m above the main floor or balcony.</p> <p>3) The restrictions concerning minimum distance stated in Clauses (1)(b) and (2)(c) shall not apply to</p> <p>a) an inclined and stepped floor ascending from the main floor that is used for seating purposes only, or</p> <p>b) a balcony used for seating purposes only.</p>
3.2.2.18.	<p>Automatic Sprinkler System Required</p> <p>1) Except as permitted by Sentence (2), an automatic sprinkler system conforming to the requirements of Articles 3.2.4.7., 3.2.4.8., 3.2.4.9. and 3.2.5.12. shall be installed throughout a building regulated by one or more of Articles 3.2.2.20., 3.2.2.21., 3.2.2.22., 3.2.2.23., 3.2.2.24., 3.2.2.26., 3.2.2.27., 3.2.2.29., 3.2.2.31., 3.2.2.33., 3.2.2.36., 3.2.2.37., 3.2.2.38., 3.2.2.39., 3.2.2.40., 3.2.2.41., 3.2.2.42., 3.2.2.43., 3.2.2.44., 3.2.2.45., 3.2.2.46., 3.2.2.47., 3.2.2.48., 3.2.2.51., 3.2.2.54., 3.2.2.55., 3.2.2.57., 3.2.2.59., 3.2.2.61., 3.2.2.63., 3.2.2.64., 3.2.2.65., 3.2.2.67., 3.2.2.69., 3.2.2.70., 3.2.2.71., 3.2.2.72., 3.2.2.74., 3.2.2.75., 3.2.2.77., 3.2.2.79., 3.2.2.80., 3.2.2.82., 3.2.2.84., 3.2.2.86. and 3.2.2.88.</p> <p>2) If a storey in a building or a floor area is required to have an automatic sprinkler system installed throughout in accordance with one or more of Articles 3.2.2.20. to 3.2.2.90. or Section 3.3., the automatic sprinkler system shall also be installed throughout all lower storeys in the building notwithstanding permission in Articles 3.2.2.20. to 3.2.2.90. to construct one or more of those storeys without installing automatic sprinkler protection. (See Note A-3.2.2.18.(2).)</p>	3.2.2.18.	<p>Automatic Sprinkler System Required</p> <p>1) Except as permitted by Sentence (2), an automatic sprinkler system conforming to the requirements of Articles 3.2.4.7., 3.2.4.8., 3.2.4.9. and 3.2.5.12. shall be installed throughout a building regulated by one or more of Articles 3.2.2.20., 3.2.2.21., 3.2.2.22., 3.2.2.23., 3.2.2.24., 3.2.2.26., 3.2.2.27., 3.2.2.29., 3.2.2.31., 3.2.2.33., 3.2.2.36., 3.2.2.37., 3.2.2.38., 3.2.2.39., 3.2.2.40., 3.2.2.41., 3.2.2.42., 3.2.2.43., 3.2.2.44., 3.2.2.45., 3.2.2.46., 3.2.2.47., 3.2.2.48., 3.2.2.49., 3.2.2.51., 3.2.2.52., 3.2.2.55., 3.2.2.56., 3.2.2.57., 3.2.2.59., 3.2.2.60., 3.2.2.61., 3.2.2.63., 3.2.2.65., 3.2.2.66., 3.2.2.67., 3.2.2.69., 3.2.2.71., 3.2.2.72., 3.2.2.73., 3.2.2.74., 3.2.2.76., 3.2.2.77., 3.2.2.79., 3.2.2.81., 3.2.2.82., 3.2.2.84., 3.2.2.86., 3.2.2.88. and 3.2.2.90.</p>
3.2.2.25.	<p>Group A, Division 2, up to 2 Storeys</p> <p>2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and</p> <p>a) floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating not less than 45 min,</p> <p>b) mezzanines shall have, if of combustible construction, a fire-resistance rating not less than 45 min,</p> <p>c) roof assemblies shall have, if of combustible construction, a fire-resistance rating not less than 45 min, except that in a building not more than 1 storey in building height, the fire-resistance rating is permitted to be waived provided the roof assembly is constructed as a fire-</p>	3.2.2.25.	<p>Group A, Division 2, up to 2 Storeys</p> <p>2) The building referred to in Sentence (1) is permitted to be of combustible construction or non-combustible construction used singly or in combination, and</p> <p>a) floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating not less than 45 min,</p> <p>b) except as permitted by Article 3.2.2.17., mezzanines shall have, if of combustible construction, a fire-resistance rating not less than 45 min,</p> <p>c) except as permitted by Article 3.2.2.17., roof assemblies shall have, if of combustible construction, a fire-resistance rating not less than 45 min, except that in a building not more than 1 storey in building height, the fire-resistance rating is permitted to be waived provided the roof assembly is constructed as a</p>

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	retardant-treated wood roof system conforming to Article 3.1.14.1., and the building area is not more than <ul style="list-style-type: none"> i) 800 m2 if facing one street, ii) 1 000 m2 if facing 2 streets, or iii) 1 200 m2 if facing 3 streets, and d) loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall <ul style="list-style-type: none"> i) have a fire-resistance rating not less than 45 min, or ii) be of non-combustible construction. 		fire-retardant-treated wood roof system conforming to Article 3.1.14.1., and the building area is not more than <ul style="list-style-type: none"> i) 800 m2 if facing one street, ii) 1 000 m2 if facing 2 streets, or iii) 1 200 m2 if facing 3 streets, and
3.2.2.30.	Group A, Division 3, up to 2 Storeys 2) Except as permitted by Clauses (c) and (d), the building referred to in Sentence (1) shall be of non-combustible construction, and a) floor assemblies shall be fire separations with a fire-resistance rating not less than 1 h,	3.2.2.30.	Group A, Division 3, up to 2 Storeys 2) Except as permitted by Clauses (c) and (d), the building referred to in Sentence (1) shall be of non-combustible construction, and a) floor assemblies shall be fire separations with a fire-resistance rating not less than 1 h, b) except as permitted by Article 3.2.2.17., mezzanines shall have a fire-resistance rating not less than 1 h, c) except as permitted by Article 3.2.2.17., roof assemblies shall i) have a fire-resistance rating not less than 45 min, or ii) be of heavy timber construction, and
3.2.2.32.	Group A, Division 3, One Storey, Increased Area 2) The building referred to in Sentence (1) is permitted to be of combustible construction or non-combustible construction used singly or in combination, and a) mezzanines shall have, if of combustible construction, a fire-resistance rating not less than 45 min, b) roof assemblies shall have, if of combustible construction, a fire-resistance rating not less than 45 min, except that the fire-resistance rating is permitted to be waived provided the roof assembly is constructed as a fire-retardant-treated wood roof system conforming to Article 3.1.14.1., and the building area is not more than <ul style="list-style-type: none"> i) 1 200 m2 if facing one street, ii) 1 500 m2 if facing 2 streets, or iii) 1 800 m2 if facing 3 streets, and c) loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall <ul style="list-style-type: none"> i) have a fire-resistance rating not less than 45 min, or ii) be of non-combustible construction. 	3.2.2.32.	Group A, Division 3, One Storey, Increased Area 2) The building referred to in Sentence (1) is permitted to be of combustible construction or non-combustible construction used singly or in combination, and a) except as permitted by Article 3.2.2.17., mezzanines shall have, if of combustible construction, a fire-resistance rating not less than 45 min, b) except as permitted by Article 3.2.2.17., roof assemblies shall have, if of combustible construction, a fire-resistance rating not less than 45 min, except that the fire-resistance rating is permitted to be waived provided the roof assembly is constructed as a fire-retardant-treated wood roof system conforming to Article 3.1.14.1., and the building area is not more than <ul style="list-style-type: none"> i) 1 200 m2 if facing one street, ii) 1 500 m2 if facing 2 streets, or iii) 1 800 m2 if facing 3 streets, and

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3.2.2.48.	<p>Group C, up to 6 Storeys, Sprinklered, Non-combustible Construction</p> <p>1) A building classified as Group C is permitted to conform to Sentence (2) provided</p> <p>a) except as permitted by Sentences 3.2.2.7.(1) and 3.2.2.18.(2), the building is sprinklered throughout,</p> <p>b) it is not more than 6 storeys in building height, and</p> <p>c) it has a building area</p> <p>i) that is not limited if the building is not more than 2 storeys in building height,</p> <p>ii) not more than 12 000 m² if 3 storeys in building height,</p> <p>iii) not more than 9 000 m² if 4 storeys in building height,</p> <p>iv) not more than 7 200 m² if 5 storeys in building height, or</p> <p>v) not more than 6 000 m² if 6 storeys in building height.</p> <p>2) Except as permitted by Article 3.2.2.16., the building referred to in Sentence (1) shall be of non-combustible construction, and</p> <p>a) except as permitted by Sentence (3), floor assemblies shall be fire separations with a fire-resistance rating not less than 1 h,</p> <p>b) mezzanines shall have a fire-resistance rating not less than 1 h, and</p> <p>c) loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly.</p> <p>3) In a building that contains dwelling units that have more than one storey, subject to the requirements of Sentence 3.3.4.2.(3), the floor assemblies, including floors over basements, which are entirely contained within these dwelling units, shall have a fire-resistance rating not less than 1 h but need not be constructed as fire separations.</p>	3.2.2.48.	<p>Group C, up to 12 storeys, Sprinklered</p> <p>1) A building classified as Group C is permitted to conform to Sentence (2), provided</p> <p>a) it is sprinklered throughout,</p> <p>b) it is not more than 12 storeys in building height,</p> <p>c) it has a height not more than 42 m measured between the floor of the first storey and the uppermost floor level that does not serve a rooftop enclosure for elevator machinery, a stairway or a service room used only for service to the building, and</p> <p>d) it has a building area not more than 6 000 m².</p> <p>2) Except as provided in Article 3.2.2.16., the building referred to in Sentence (1) is permitted to be of encapsulated mass timber construction or non-combustible construction, used singly or in combination, and</p> <p>a) except as provided in Sentence (3), floor assemblies shall be fire separations with a fire-resistance rating not less than 2 h,</p> <p>b) mezzanines shall have a fire-resistance rating not less than 1 h, and</p> <p>c) loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly.</p> <p>3) In a building that contains dwelling units that have more than one storey, subject to the requirements of Sentence 3.3.4.2.(3), the floor assemblies, including floors over basements, that are entirely contained within these dwelling units shall have a fire-resistance rating not less than 1 h, but need not be constructed as fire separations.</p> <p>4) Group A, Division 2 major occupancies, Group E major occupancies and storage garages located in a building or part of a building within the scope of this Article are permitted to be constructed in accordance with this Article, provided</p> <p>a) the Group A, Division 2 major occupancy is located below the fourth storey,</p> <p>b) the Group E major occupancy is located below the third storey, and</p> <p>c) the storage garage is located below the fifth storey (see also Article 4.4.2.1.). (See Note A-3.2.2.48.(4) and 3.2.2.57.(3).)</p>
3.2.2.51.	<p>Group C, up to 4 Storeys, Sprinklered</p> <p>Added to 2020 →</p>	3.2.2.51.	<p>Group C, up to 6 Storeys, Sprinklered</p> <p>5) Group A, Division 2 major occupancies, Group E major occupancies, and storage garages located in a building or part thereof within the scope of this Article are permitted to be constructed in accordance with this Article, provided</p> <p>a) the Group A, Division 2 major occupancy and Group E major occupancy are located below the third storey, and</p> <p>b) the storage garage is located below the fourth storey (see also Article 4.4.2.1.). (See Note A-3.2.2.51.(5) and 3.2.2.60.(4).)</p>

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3.2.2.57.	<p>Group D, up to 6 Storeys, Sprinklered, Non-combustible Construction</p> <p>1) A building classified as Group D is permitted to conform to Sentence (2) provided</p> <p>a) except as permitted by Sentences 3.2.2.7.(1) and 3.2.2.18.(2), the building is sprinklered throughout,</p> <p>b) it is not more than 6 storeys in building height, and</p> <p>c) it has a building area</p> <p>i) that is not limited if the building is not more than 2 storeys in building height,</p> <p>ii) not more than 14 400 m² if 3 storeys in building height,</p> <p>iii) not more than 10 800 m² if 4 storeys in building height,</p> <p>iv) not more than 8 640 m² if 5 storeys in building height, or</p> <p>v) not more than 7 200 m² if 6 storeys in building height.</p>	3.2.2.57.	<p>Group D, up to 12 storeys, Sprinklered</p> <p>1) A building classified as Group D is permitted to conform to Sentence (2), provided</p> <p>a) it is sprinklered throughout,</p> <p>b) it is not more than 12 storeys in building height,</p> <p>c) it has a height not more than 42 m measured between the floor of the first storey and the uppermost floor level that does not serve a rooftop enclosure for elevator machinery, a stairway or a service room used only for service to the building, and</p> <p>d) it has a building area not more than 7 200 m².</p> <p>2) Except as provided in Article 3.2.2.16., the building referred to in Sentence (1) is permitted to be of encapsulated mass timber construction or noncombustible construction, used singly or in combination, and</p> <p>a) floor assemblies shall be fire separations with a fire-resistance rating not less than 2 h,</p> <p>b) mezzanines shall have a fire-resistance rating not less than 1 h, and</p> <p>c) loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly.</p> <p>3) Group A, Division 2 major occupancies, Group E major occupancies, Group F, Division 2 and 3 major occupancies, and storage garages located in a building or part of a building within the scope of this Article are permitted to be constructed in accordance with this Article, provided</p> <p>a) the Group A, Division 2 major occupancy is located below the fourth storey,</p> <p>b) the Group E major occupancy and Group F, Division 2 or 3 major occupancy are located below the third storey, and</p> <p>c) the storage garage is located below the fifth storey (see also Article 4.4.2.1.). (See Note A-3.2.2.48.(4) and 3.2.2.57.(3).)</p>
3.2.2.60.	Added to 2020 →	3.2.2.60.	<p>Group D, up to 6 Storeys, Sprinklered</p> <p>4) Group A, Division 2 major occupancies, Group E major occupancies, Group F, Division 2 and 3 major occupancies, and storage garages located in a building or part thereof within the scope of this Article are permitted to be constructed in accordance with this Article, provided</p> <p>a) the Group A, Division 2 major occupancy, Group E major occupancy, and Group F, Division 2 or 3 major occupancy are located below the third storey, and</p> <p>b) the storage garage is located below the fourth storey (see also Article 4.4.2.1.). (See Note A-3.2.2.51.(5) and 3.2.2.60.(4).)</p>
3.2.3.6.	<p>Combustible Projections</p> <p>4) The face of a roof soffit is permitted to project to the property line, where it faces a street, lane or public thoroughfare. (See Note A-9.10.14.5.(11) and 9.10.15.5.(10).)</p>	3.2.3.6.	<p>Combustible Projections</p> <p>4) The face of a roof soffit is permitted to project to the property line, where it faces a public way. (See Note A-9.10.14.5.(11) and 9.10.15.5.(10).)</p> <p>5) Where roof soffits project to less than 1.2 m from the centre line of a public way, or from an imaginary line between two buildings or fire compartments on the same property, they shall</p>

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5) Where roof soffits project to less than 1.2 m from the centre line of a lane or public thoroughfare, or from an imaginary line between two buildings or fire compartments on the same property, they shall

- a) have no openings, and
- b) be protected by
 - i) not less than 0.38 mm thick sheet steel,
 - ii) unvented aluminum conforming to CAN/CGSB-93.2-M, "Prefinished Aluminum Siding, Soffits, and Fascia, for Residential Use,"
 - iii) not less than 12.7 mm thick gypsum soffit board or gypsum ceiling board installed according to CSA A82.31-M, "Gypsum Board Application,"
 - iv) not less than 11 mm thick plywood,
 - v) not less than 12.5 mm thick OSB or waferboard, or
 - vi) not less than 11 mm thick lumber.

3.2.3.7. Construction of Exposing Building Face

Table 3.2.3.7.
Minimum Construction Requirements for Exposing Building Faces
Forming Part of Sentences 3.2.3.7.(1) and (2)

Occupancy Classification of Building or Fire Compartment	Maximum Area of Unprotected Openings Permitted, % of Exposing Building Face Area	Minimum Required Fire-Resistance Rating	Type of Construction Required	Type of Cladding Required
Group A, B, C, D, or Group F, Division 3	0 to 10	1 h	Noncombustible	Noncombustible
	> 10 to 25	1 h	Combustible or Noncombustible	Noncombustible
	> 25 to 50	45 min	Combustible or Noncombustible	Noncombustible
	> 50 to < 100	45 min	Combustible or Noncombustible	Combustible or Noncombustible ⁽¹⁾
Group E, or Group F, Division 1 or 2	0 to 10	2 h	Noncombustible	Noncombustible
	> 10 to 25	2 h	Combustible or Noncombustible	Noncombustible
	> 25 to 50	1 h	Combustible or Noncombustible	Noncombustible
	> 50 to < 100	1 h	Combustible or Noncombustible	Combustible or Noncombustible

Notes to Table 3.2.3.7.:

⁽¹⁾ The cladding on Group C buildings conforming to Article 3.2.2.50, and on Group D buildings conforming to Article 3.2.2.58, shall be noncombustible.

3) Except as provided in Article 3.1.4.8., the requirement in Table 3.2.3.7. for non-combustible cladding for buildings or fire compartments where the maximum permitted area of unprotected openings is more than 10% of the exposing building face is permitted to be waived for exterior wall assemblies that comply with Article 3.1.5.5.

3.2.3.7. Construction of Exposing Building Face

Table 3.2.3.7.
Minimum Construction Requirements for Exposing Building Faces
Forming Part of Sentences 3.1.6.9.(5) and 3.2.3.7.(1) to (4)

Occupancy Classification of Building or Fire Compartment	Maximum Area of Unprotected Openings Permitted, % of Exposing Building Face Area	Minimum Required Fire-Resistance Rating	Type of Construction Required	Type of Cladding Required
Group A, B, C, D, or Group F, Division 3	0 to 10	1 h	Noncombustible	Noncombustible
	> 10 to 25	1 h	Combustible, Encapsulated mass timber, or Noncombustible	Noncombustible
	> 25 to 50	45 min	Combustible, Encapsulated mass timber, or Noncombustible	Noncombustible
	> 50 to < 100	45 min	Combustible, Encapsulated mass timber, or Noncombustible	Combustible or Noncombustible ⁽¹⁾⁽²⁾
Group E, or Group F, Division 1 or 2	0 to 10	2 h	Noncombustible	Noncombustible
	> 10 to 25	2 h	Combustible, Encapsulated mass timber, or Noncombustible	Noncombustible
	> 25 to 50	1 h	Combustible, Encapsulated mass timber, or Noncombustible	Noncombustible
	> 50 to < 100	1 h	Combustible, Encapsulated mass timber, or Noncombustible	Combustible or Noncombustible

Notes to Table 3.2.3.7.:

⁽¹⁾ The cladding on Group C buildings conforming to Article 3.2.2.51, and on Group D buildings conforming to Article 3.2.2.60, shall be noncombustible or consist of a wall that satisfies the requirements of Article 3.1.4.8.

⁽²⁾ The cladding on Group C buildings or parts thereof conforming to Article 3.2.2.48, and on Group D buildings or parts thereof conforming to Article 3.2.2.57, shall conform to Sentence 3.1.6.9.(2) or be noncombustible.

3) Except as provided in Articles 3.1.4.8. and 3.1.6.9., the requirement in Table 3.2.3.7. for non-combustible cladding for buildings or fire compartments where the maximum permitted area of

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	<p>4) Except as provided in Article 3.1.4.8., the requirement in Table 3.2.3.7. for non-combustible cladding for buildings or fire compartments where the maximum permitted area of unprotected openings is more than 25% but not more than 50% of the exposing building face is permitted to be waived where</p> <p>a) the limiting distance is greater than 5 m,</p> <p>b) the building or fire compartment and all combustible attic and roof spaces are sprinklered throughout,</p> <p>c) the cladding</p> <p>i) conforms to Subsections 9.27.6. , 9.27.7. , 9.27.8. , 9.27.9. or 9.27.10.,</p> <p>ii) is installed without furring members, or on furring not more than 25 mm thick, over gypsum sheathing at least 12.7 mm thick or over masonry, and</p> <p>iii) after conditioning in conformance with ASTM D 2898, “Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing,” has a flame-spread rating not greater than 25 on the exterior face when tested in accordance with Sentence 3.1.12.1.(1),</p> <p>d) the cladding</p> <p>i) conforms to Subsection 9.27.12.,</p> <p>ii) is installed with or without furring members over gypsum sheathing at least 12.7 mm thick or over masonry,</p> <p>iii) has a flame-spread rating not greater than 25 when tested in accordance with Sentence 3.1.12.1.(2), and</p> <p>iv) does not exceed 2 mm in thickness exclusive of fasteners, joints and local reinforcements, or e) the exterior wall assembly complies with Article 3.1.5.5.</p>		<p>unprotected openings is more than 10% of the exposing building face is permitted to be waived for exterior wall assemblies that comply with Article 3.1.5.5. or 3.1.5.6.</p> <p>4) Except as provided in Articles 3.1.4.8. and 3.1.6.9., the requirement in Table 3.2.3.7. for non-combustible cladding for buildings or fire compartments where the maximum permitted area of unprotected openings is more than 25% but not more than 50% of the exposing building face is permitted to be waived where</p> <p>a) the limiting distance is greater than 5 m,</p> <p>b) the building or fire compartment and all combustible attic and roof spaces are sprinklered throughout,</p> <p>c) the cladding</p> <p>i) conforms to Subsections 9.27.6., 9.27.7., 9.27.8., 9.27.9. or 9.27.10.,</p> <p>d) the cladding</p> <p>i) conforms to Subsection 9.27.12.,</p> <p>ii) is installed with or without furring members over gypsum sheathing at least 12.7 mm thick or over masonry,</p> <p>iii) has a flame-spread rating not greater than 25 when tested in accordance with Sentence 3.1.12.1.(2), and</p> <p>iv) does not exceed 2 mm in thickness, exclusive of fasteners, joints and local reinforcements (see Note A-3.2.3.7.(4)(iv)), or</p> <p>e) the exterior wall assembly complies with Article 3.1.5.5. or 3.1.5.6.</p>
3.2.3.19.	<p>Walkway between Buildings</p> <p>3) A walkway connected to a building required to be of non-combustible construction is permitted to be of heavy timber construction provided</p> <p>a) not less than 50% of the area of any enclosing perimeter walls is open to the outdoors, and</p> <p>b) the walkway is at ground level.</p> <p>4) A walkway of non-combustible construction used only as a pedestrian thoroughfare need not conform to the requirements of Articles 3.2.3.14. and 3.2.3.15.</p>	3.2.3.19.	<p>Walkway between Buildings</p> <p>3) Except as provided in Sentence (4), a walkway connected to a building or part of a building permitted to be of encapsulated mass timber construction shall be of non-combustible construction or encapsulated mass timber construction.</p> <p>4) A walkway connected to a building required to be of non-combustible construction or to a building or part of a building permitted to be of encapsulated mass timber construction is permitted to be of heavy timber construction, provided</p> <p>a) not less than 50% of the area of any enclosing perimeter walls is open to the outdoors, and b) the walkway is at ground level.</p>
3.2.4.1.	<p>Fire Alarm and Detection Systems (See Note A-3.2.4.)</p> <p>Determination of Requirement for a Fire Alarm System</p> <p>5) Where each dwelling unit in an apartment building that is not sprinklered has direct access to an exterior exit facility leading to ground level, a fire alarm system is not required if</p> <p>a) not more than 4 dwelling units share a common means of egress, or</p> <p>b) the building is not more than 3 storeys in building height.</p>	3.2.4.1.	<p>Fire Alarm and Detection Systems (See Note A-3.2.4.)</p> <p>Determination of Requirement for a Fire Alarm System</p> <p>5) A fire alarm system is not required in a residential occupancy that is not sprinklered, where a) not more than 4 suites share a common means of egress, or b) each suite has direct access to an exterior exit facility leading to ground level.</p>

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3.2.4.9.	<p>Electrical Supervision</p> <p>5) Indication of a supervisory signal in accordance with Sentence (3) shall be transmitted to the fire department in conformance with Sentence 3.2.4.7.(4).</p> <p>6) Added to 2020 →</p>	3.2.4.9.	<p>Electrical Supervision</p> <p>5) Heat-tracing cables installed on standpipe risers and sprinkler lines shall be electrically supervised by the fire alarm system for loss of power.</p> <p>6) Indication of a supervisory signal in accordance with Sentences (3) and (5) shall be transmitted to the fire department in conformance with Sentence 3.2.4.7.(4).</p>
3.2.4.18.	<p>Audibility of Alarm Systems</p> <p>6) Except as required by Sentence (5), the sound pressure level from a fire alarm system's audible signal device within a floor area shall be not less than 10 dBA above the ambient noise level without being less than 65 dBA.</p> <p>7) Except as permitted by Sentence (11), audible signal devices located within a dwelling unit shall include a means for them to be manually silenced for a period of not more than 10 min, after which time the devices shall restore themselves to normal operation. (See Note A-3.2.4.18.(7).)</p> <p>12) If a 2-stage fire alarm system has been installed with an automatic signal silence as described in Sentence (11), the system shall be designed so that any silenced audible signal devices serving dwelling units are reactivated whenever an alarm signal is required to be transmitted as part of the second stage. (See Note A-3.2.4.18.(7).)</p>	3.2.4.18.	<p>Audibility of Alarm Systems</p> <p>6) Audible signal devices in sleeping rooms in a building of residential or care occupancy shall emit a low frequency signal. (See Note A-3.2.4.18.(6).)</p> <p>7) Except as required by Sentence (5), the sound pressure level from a fire alarm system's audible signal device within a floor area shall be not less than 10 dBA above the ambient noise level and not less than 65 dBA when any intervening doors between the device and the rest of the floor area are closed.</p> <p>12) Audible signal devices within dwelling units that are wired on separate signal circuits in accordance with Clause (9)(b) need not include a means for manual signal silencing as required by Sentence (8), provided the fire alarm system includes a provision for an automatic signal silence within dwelling units, where</p>
3.2.4.19.	<p>Visible Signals</p> <p>1) Visual signal devices shall be installed in addition to alarm signals</p> <p>a) in buildings or portions thereof intended for use primarily by persons with a hearing impairment,</p> <p>b) in assembly occupancies in which music and other sounds associated with performances could exceed 100 dBA,</p> <p>c) in any floor area in which the ambient noise level is more than 87 dBA, and d) in any floor area in which the occupants</p> <p>i) use ear protection devices,</p> <p>ii) are located in an audiometric booth, or</p> <p>iii) are located in sound-insulating enclosures.</p> <p>2) Visual signal devices required by Sentence (1) shall be installed so that the signal from at least one device is visible throughout the floor area or portion thereof in which they are installed. (See Note A-3.2.4.19.(2).)</p>	3.2.4.19.	<p>Visible Signals</p> <p>1) Where a fire alarm system is installed, visible signal devices shall be provided in addition to alarm signal devices</p> <p>e) in public corridors serving a Group B, C, D or E major occupancy,</p> <p>f) in corridors used by the public serving a Group A major occupancy,</p> <p>g) in not less than 10% of the suites of residential occupancy in a hotel or motel (see Note A-3.2.4.19.(1)(g)), and</p> <p>h) in washrooms, except those located within</p> <p>i) suites of residential occupancy,</p> <p>ii) suites of care occupancy, or</p> <p>iii) patients' sleeping rooms.</p> <p>2) Visible signal devices are permitted to be installed in lieu of audible signal devices in the compartments referred to in Article 3.3.3.6.</p> <p>3) Visible signal devices required by Sentence (1) shall be installed so that the signal from at least one device is visible throughout the floor area or portion thereof in which they are installed. (See Note A-3.2.4.19.(3).)</p>

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<p>3.2.4.20.</p>	<p>Smoke Alarms</p> <p>7) Except as permitted in Sentence (8), smoke alarms referred in Sentence (2) shall</p> <p>a) be installed with permanent connections to an electrical circuit (see Note A-3.2.4.20.(7)(a)),</p> <p>b) have no disconnect switch between the overcurrent device and the smoke alarm, and</p> <p>c) in case the regular power supply to the smoke alarm is interrupted, be provided with a battery as an alternative power source that can continue to provide power to the smoke alarm for a period of no less than 7 days in the normal condition, followed by 4 minutes of alarm.</p> <p>8) Suites of residential occupancy are permitted to be equipped with smoke detectors in lieu of smoke alarms, provided the smoke detectors</p> <p>a) are capable of independently sounding audible signals within the individual suites,</p> <p>b) except as permitted in Sentence (9), are installed in conformance with CAN/ULC-S524, “Installation of Fire Alarm Systems,” and</p> <p>c) form part of the fire alarm system. (See Note A-3.2.4.20.(8).)</p> <p>9) Smoke detectors permitted to be installed in lieu of smoke alarms as stated in Sentence (8) are permitted to sound localized alarms within individual suites, and need not sound an alarm throughout the rest of the building.</p> <p>10) If more than one smoke alarm is required in a dwelling unit, the smoke alarms shall be wired so that the actuation of one smoke alarm will cause all smoke alarms within the dwelling unit to sound.</p> <p>11) A smoke alarm required by Sentence (2) shall be installed in conformance with CAN/ULC-S553, “Installation of Smoke Alarms.”</p> <p>12) Except as permitted in Sentence (13), a manually operated silencing device shall be incorporated within the circuitry of a smoke alarm installed in a dwelling unit so that it will silence the signal emitted by the smoke alarm for a period of not more than 10 min, after which the smoke alarm will reset and again sound the alarm if the level of smoke in the vicinity is sufficient to reactuate the smoke alarm.</p>	<p>Article 3.2.4.20. of Division B is repealed and the following substitute d:</p>	<p>“1) Except as provide in Article 3.2.4.21., <i>smoke alarms</i> shall be installed in accordance with this Article.</p> <p>2) Except as required by Sentence (5) and permitted by Sentence (10), <i>smoke alarms</i> conforming to CAN/ULC-S531, ‘Standard for Smoke Alarms,’ shall be installed in each dwelling unit and, except for <i>care, treatment</i> or <i>detention occupancies</i> required to have a fire alarm system, in each sleeping room not within a <i>dwelling unit, child care centre</i> or <i>suite of care occupancy</i>.</p> <p>3) At least one smoke alarm shall be installed on each <i>storey</i> of a <i>dwelling unit, child care centre</i> or <i>suite of care occupancy</i>.</p> <p>4) On any <i>storey</i> of a <i>dwelling unit</i> containing sleeping rooms or a <i>child care centre</i> containing sleeping rooms, a <i>smoke alarm</i> shall be installed.</p> <p>a) In each sleeping room, and</p> <p>b) 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.</p> <p>5) Where a <i>care occupancy</i> has individual <i>suites</i> for residents, a <i>smoke alarm</i> shall be installed</p> <p>a) in each sleeping room and,</p> <p>b) in a location between the sleeping rooms and the remainder of the <i>suite</i>, and if the sleeping rooms are served by a corridor within the <i>suite</i>, the <i>smoke alarm</i> shall be located in the corridor.</p> <p>6) A <i>smoke alarm</i> shall be installed on or near the ceiling.</p> <p>7) In hotels and motels with a fire alarm system, <i>smoke alarms</i> installed in rooms required to have a visible signal device connected to the fire alarm system as specified in Clause 3.2.4.19.(1)(g) shall have a visible signal component installed in accordance with CAN/ULC-S524, ‘Standard for Installation of Fire Alarm Systems.’</p> <p>8) In hotels and motels without a fire alarm system, <i>smoke alarms</i> installed in sleeping rooms of not less than 10% of the <i>suites of residential occupancy</i> shall have a visible signal component installed in accordance with CAN/ULC-S524, ‘Standard for Installation of Fire Alarm Systems.’ (See also Note A-3.2.4.19.(1)(g).)</p> <p>9) Except as permitted in sentence (10), smoke alarms referred to in Sentence (2) shall</p> <p>a) be installed with permanent connections to an electrical circuit (see Note A -3.2.4.20.(9)(a)),</p> <p>b) have no disconnect switch between the overcurrent device and the <i>smoke alarm</i>, and</p> <p>c) except for the visible signal component required in Sentences (7) and (8) in case the regular power supply to the <i>smoke alarm</i> is interrupted, be provided with a battery as an alternative power source that can continue to provide power to the <i>smoke alarm</i> for a period of no less than days in the normal condition, followed by 4 minutes of alarm.</p> <p>10) <i>Suites of residential occupancy</i> are permitted to be equipped with <i>smoke detectors</i> in lieu of <i>smoke alarms</i> , provided by the <i>smoke detectors</i></p>

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			<p>a) are capable of independently sounding audible signals with a sound pressure level between 75 dBA and 110 dBA within the individual <i>suites</i> (see also Note A-3.2.4.18.(4)),</p> <p>b) except as permitted in sentence (11), are installed in conformance with CAN/ULC-S524, ‘Standard for Installation of Fire Alarm Systems,’ and</p> <p>c) form part of the fire alarm system. (See Note A-3.2.4.20.(10).)’.</p>
<p>3.2.5.12.</p>	<p>Automatic Sprinkler Systems</p> <p>1) Except as permitted by Sentences (2), (3) and (4), an automatic sprinkler system shall be designed, constructed, installed and tested in conformance with NFPA 13, “Installation of Sprinkler Systems.” (See Note A-3.2.5.12.(1).)</p> <p>3) Instead of the requirements of Sentence (1), NFPA 13D, “Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes,” is permitted to be used for the design, construction and installation of an automatic sprinkler system installed</p> <p>a) in a building of residential occupancy throughout that contains not more than 2 dwelling units, or</p> <p>b) in a building of care occupancy, provided</p> <p> i) it contains not more than 2 <i>suites</i> of care occupancy,</p> <p> ii) it has not more than 5 residents throughout, and</p> <p> iii) a 30-minute water supply demand can be met. (See Note A-3.2.5.12.(2).)</p> <p>7) Notwithstanding the requirements of the standards referenced in Sentences (1) and (2) regarding the installation of automatic sprinkler systems, in buildings conforming to Article 3.2.2.50. or 3.2.2.58., sprinklers shall be provided for balconies and decks exceeding 610 mm in depth measured perpendicular to the exterior wall. (See Note A-3.2.5.12.(7).)</p> <p>9) Added to 2020 →</p>	<p>Sentence 3.2.5.12.(2) of Division B is repealed and the following substitute d:</p> <p>Sentence 3.2.5.12.(3) of Division B is repealed and the following substitute d:</p>	<p>“2) Instead of the requirements of Sentence (1), NFPA 13R, ‘Installation of Sprinkler Systems in Low-Rise Residential Occupancies,’ is permitted to be used for the design, construction and installation of an automatic sprinkler system installed.</p> <p>A) In a building of residential occupancy throughout that</p> <p> i) Is not more than 4 storeys in building height and conforms to article 3.2.2.47., 3.2.2.49., 3.2.2.51., 3.2.2.52., or 3.2.2.55., or</p> <p> ii) Is not more than 3 storeys in building height and conforms to article 9.10.1.3., or</p> <p>b) In a building of care occupancy provided</p> <p> i) it contains not more than 2 <i>suites of care occupancy</i>,</p> <p> ii) it has not more than 2 <i>suites of care occupancy</i>,</p> <p> iii) Is not more than 3 storeys in building height and conforms to Articles 3.2.2.42. to 3.2.2.46. (See Note A-3.2.5.12(2).)</p> <p>“3) Instead of the requirements of Sentence (1), NFPA 13D, ‘Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes,’ is permitted to be used for the design, construction and installation of an automatic sprinkler system installed:</p> <p>a) In a <i>building of residential occupancy</i> throughout that contains not more than 2 <i>dwelling units</i>.</p> <p>b) In a building of care occupancy, provided:</p> <p> i) It contains not more than 1 <i>suite of care occupancy</i>, it has not more than 10 occupants and a 30-minute water supply demand can be met or</p> <p> ii) It contains not more than 2 <i>suites of care occupancy</i>, It has not more than 5 occupants in each <i>suite</i> and a 30-minute water supply demand can be met; or</p> <p>c) In a <i>building of residential occupancy</i> throughout that contains more than two-dwelling units, provided:</p> <p> i) Except for a <i>secondary suite</i>, no <i>dwelling unit</i> is located above another dwelling unit.</p> <p> ii) All <i>suites</i> are separated by a vertical <i>fire separation</i> having a <i>fire-resistance rating</i> of not less than 1 h that provides continuous protection from the top of the wall and the underside of the roof deck, with any space between the top of the wall and the roof deck tightly filled with mineral wool or <i>non-combustible material</i>.</p> <p> iii) Each <i>dwelling unit</i> has its own sprinkler water supply provided in accordance with NFPA 13D, “Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes,”;</p> <p> iv) A passive purge sprinkler system design is used as described in NFPA 13D, “Standard for the installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes,”; and,</p>

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			v) Where all sprinkler system is taken into consideration for the reduction of <i>limiting distance</i> , all rooms, including closets, bathrooms and attached garages, that adjoin an <i>exposing building face</i> are sprinklered, notwithstanding any exemption stated in NFPA 13D, "Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes." (See Note A-3.2.5.12.(2).)''.
3.2.6.1.	<p>Additional Requirements for High Buildings (See Note A-3.2.6.)</p> <p>Application</p> <p>1) This Subsection applies to a building</p> <p>a) of Group A, D, E or F major occupancy classification that is more than</p> <p>i) 36 m high, measured between grade and the floor level of the top storey, or</p> <p>ii) 18 m high, measured between grade and the floor level of the top storey, and in which the cumulative or total occupant load on or above any storey above grade, other than the first storey, divided by 1.8 times the width in metres of all exit stairs at that storey, exceeds 300,</p> <p>b) containing a Group B major occupancy in which the floor level of the highest storey of that major occupancy is more than 18 m above grade,</p> <p>c) containing a floor area or part of a floor area located above the third storey designed or intended as a Group B, Division 2 or 3 occupancy, or</p> <p>d) containing a Group C major occupancy whose floor level is more than 18 m above grade.</p>	3.2.6.1.	<p>Additional Requirements for High Buildings (See Note A-3.2.6.)</p> <p>Application</p> <p>1) Except as provided in Sentence (2), this Subsection applies to a building</p> <p>2) This Subsection applies to a building or part of a building constructed in conformance with Article 3.2.2.57. in which the floor level of the highest storey is more than 18 m above grade</p>
3.2.6.5.	<p>Elevator for Use by Firefighters</p> <p>6) Electrical conductors for the operation of the elevator referred to in Sentence (1) shall be</p> <p>a) installed in service spaces conforming to Section 3.6. that do not contain other combustible material, or</p> <p>b) protected against exposure to fire from the service entrance of the emergency power supply, or the normal service entrance of the normal power supply, to the equipment served, to ensure operation for a period of 1 h when subjected to the standard fire exposure described in CAN/ULC-S101, "Fire Endurance Tests of Building Construction and Materials," (see Note A-3.2.6.5.(6)(b)).</p>	3.2.6.5.	<p>Elevator for Use by Firefighters</p> <p>6) Electrical conductors for the operation of the elevator referred to in Sentence (1) shall</p> <p>a) be installed in service spaces conforming to Section 3.6. that do not contain other combustible material, or</p> <p>b) conform to CAN/ULC-S139, "Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables," including the hose stream application, to provide a circuit integrity rating of not less than 1 h (see Note A-3.2.6.5.(6)(b)).</p>
3.2.7.1.	<p>Lighting and Emergency Power Systems</p> <p>Minimum Lighting Requirements</p> <p>2) The minimum value of the illumination required by Sentence (1) shall be not less than 10 lx.</p> <p>3) Rooms and spaces used by the public shall be illuminated as described in Article 9.34.2.7.</p> <p>4) Lighting outlets in a building of residential occupancy shall be provided in conformance with Subsection 9.34.2.</p>	3.2.7.1.	<p>Lighting and Emergency Power Systems</p> <p>Minimum Lighting Requirements</p> <p>2) The minimum level of the illumination required by Sentence (1) shall be 10 lx.</p> <p>3) Rooms and spaces used by the public shall be equipped to provide illumination as described in Sentences (4) to (7) and Article 9.34.2.7.</p> <p>4) The minimum level of illumination over the entire length of escalators and moving walks shall be not less than 100 lx at the level of the treads and walking surfaces.</p> <p>5) Except as provided in Sentence (6) and except for light switches and internally illuminated controls, the minimum level of illumination at controls required by Article 3.8.2.6. shall be not less than 100 lx.</p>

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			<p>6) Where visual information is provided at controls referred to in Sentence (5), the minimum level of illumination at the controls shall be not less than 200 lx, except where the visual information is internally illuminated.</p> <p>7) Except for internally illuminated signs, the minimum level of illumination at signs displaying visual information required by Clauses 3.4.6.10.(5)(b) and 3.4.6.16.(5)(g), Subclause 3.4.6.16.(5)(l)(ii), Clause 3.4.6.16.(6)(d), Sentence 3.4.6.18.(3), Clause 3.4.6.18.(4)(a) and Articles 3.4.6.19. and 3.8.2.10. shall be not less than 200 lx.</p>
3.2.7.3.	<p>Emergency Lighting</p> <p>1) l) public washrooms that are equipped to serve more than one person at a time. m) Added to 2020 →</p>	3.2.7.3.	<p>Emergency Lighting</p> <p>1) l) public washrooms that are equipped to serve more than one person at a time, m) locations where doors are equipped with an electromagnetic lock as described in Clauses 3.4.6.16.(5)(k) and (6)(g), and n) universal washrooms, universal shower rooms and accessible change spaces required by Article 3.8.2.8.</p>
3.2.7.9.	<p>Emergency Power for Building Services</p> <p>1) An emergency power supply capable of operating under a full load for not less than 2 h shall be provided by an emergency generator for a) every elevator serving storeys above the first storey in a building that is more than 36 m high measured between grade and the floor level of the top storey and every elevator for firefighters in conformance with Sentence (2), b) water supply for firefighting in conformance with Article 3.2.5.7., if the supply is dependent on electrical power supplied to the building, c) fans and other electrical equipment that are installed to maintain the air quality specified in Articles 3.2.6.2. and 3.3.3.6., d) fans required for venting by Article 3.2.6.6., and e) fans required by Clause 3.2.8.4.(1)(c) and Article 3.2.8.7. in buildings within the scope of Subsection 3.2.6. (See Note A-3.2.7.9.(1).)</p> <p>4) Added to 2020 →</p>	<p>Clause 3.2.7.9.(1)(b) of Division B is amended by adding the words “and the building is within the scope of Subsection 3.2.6</p>	<p>Emergency Power for Building Services</p> <p>1) An emergency power supply capable of operating under a full load for not less than 2 h shall be provided by an emergency generator for a) every elevator serving storeys above the first storey in a building that is more than 36 m high measured between grade and the floor level of the top storey and every elevator for firefighters in conformance with Sentence (2), b) except as provided in Sentence (4), equipment that supplies water for fire suppression as required by Articles 3.2.5.7. and 3.2.5.8. and Sentences 3.2.5.12.(1) and (2) and 3.2.5.18.(1), if the supply depends solely on electrical power supplied to the building, 4) The emergency power supply required by Clause (1)(b) for the equipment that supplies water for fire suppression need not be provided for sprinkler systems conforming to NFPA 13D, “Standard for the Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes.”</p>
3.2.7.10.	<p>Protection of Electrical Conductors</p> <p>2) Except as otherwise required by Sentence (3) and permitted by this Article, electrical conductors that are used in conjunction with systems identified in Sentence (1) shall a) conform to CAN/ULC-S139, “Fire Test for Evaluation of Integrity of Electrical Power, Data and Optical Fibre Cables,” including the hose stream application, to provide a circuit integrity rating of not less than 1 h (see Note A-3.2.7.10.(2)(a) and (3)(a)), or b) be located in a service space that is separated from the remainder of the building by a fire separation that has a fire-resistance rating not less than 1 h.</p>	3.2.7.10.	<p>Protection of Electrical Conductors</p> <p>2) Except as otherwise required by Sentence (3) and permitted by this Article, electrical conductors that are used in conjunction with systems identified in Sentence (1) shall a) conform to CAN/ULC-S139, “Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables,” including the hose stream application, to provide a circuit integrity rating of not less than 1 h (see Note A-3.2.7.10.(2)(a) and (3)(a)) (see also Clause 3.2.6.5.(6)(b)), or</p>

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3.2.8.2.	<p>Exceptions to Special Protection</p> <p>5) Except as permitted by Sentence (6), openings for escalators and inclined moving walks need not conform to the requirements in Articles 3.2.8.3. to 3.2.8.8. provided</p> <p>a) the opening for each escalator or walk does not exceed 10 m²,</p> <p>b) the building is sprinklered throughout, and</p> <p>c) the interconnected floor space contains only Group A, Division 1, 2 or 3, Group D or Group E major occupancies (see Note A-3.2.8.2.(6)(c)).</p>	3.2.8.2.	<p>Exceptions to Special Protection</p> <p>5) Except as permitted by Sentence (6), openings for escalators and inclined moving walks need not conform to the requirements in Articles 3.2.8.3. to 3.2.8.8. provided</p> <p>a) the opening for each escalator or walk does not exceed 10 m²,</p> <p>b) the building is sprinklered throughout,</p> <p>c) closely spaced sprinklers and associated draft stops are installed around the openings in conformance with NFPA 13, "Standard for the Installation of Sprinkler Systems," and</p>
3.2.8.3.	<p>Sprinklers</p> <p>1) A building containing an interconnected floor space shall be sprinklered throughout.</p>	3.2.8.3.	<p>Sprinklers</p> <p>2) Except for large floor openings as defined in NFPA 13, "Standard for the Installation of Sprinkler Systems," closely spaced sprinklers and associated draft stops shall be installed around floor openings in conformance with NFPA 13.</p>
3.3.1.8.	<p>Headroom Clearance</p> <p>1) Except within the floor area of a storage garage, the minimum headroom clearance in every access to exit shall conform to the requirements of Article 3.4.3.4. for exits. (See also Sentence 3.3.5.4.(5).)</p>	3.3.1.8.	<p>Headroom and Protruding Objects</p> <p>2) Except as permitted by Sentence (3) and except for paths of travel in service rooms and dwelling units, protruding building elements located within 1 980 mm of the floor shall not project more than 100 mm horizontally into paths of travel in a manner that would create a hazard. (See Note A-3.3.1.8.(2) and (3).)</p> <p>3) The horizontal projection of a protruding building element referred to in Sentence (2) is permitted to be more than 100 mm, provided the clearance between the protruding element and the floor is less than 680 mm. (See Note A-3.3.1.8.(2) and (3).)</p>
3.3.1.13.	<p>Doors and Door Hardware</p> <p>1) Except as required by Article 3.3.3.4., a door that opens into or is located within a public corridor or other facility that provides access to exit from a suite shall</p> <p>a) provide a clear opening of not less than 800 mm if there is only one door leaf,</p> <p>b) in a doorway with multiple leaves, have the active leaf providing a clear opening of not less than 800 mm,</p> <p>c) not open onto a step, and d) have a threshold not more than 13 mm higher than the surrounding finished floor surface, except where it</p> <p>i) is used to confine the spillage of flammable liquids within a service room or within a room in an industrial occupancy, or</p> <p>ii) provides access to an exterior balcony unless the balcony is required by Clause 3.3.1.7.(1)(c).</p> <p>5) Door release hardware shall be installed not more than 1 200 mm above the finished floor.</p>	3.3.1.13.	<p>Doors and Door Hardware (See also Sentence 3.8.3.6.(17).)</p> <p>1) Except as required by Article 3.3.3.4., a door that opens into or is located within a public corridor or other facility that provides access to exit from a suite shall</p> <p>a) provide a clear opening of not less than 850 mm if there is only one door leaf,</p> <p>b) in a doorway with multiple leaves, have the active leaf providing a clear opening of not less than 850 mm,</p> <p>5) Except as provided in Sentence 3.4.6.17.(9), door release hardware shall be installed between 900 mm and 1 100 mm above the finished floor.</p>
3.3.1.18.	<p>Guards</p> <p>5) Sentence (1) does not apply</p> <p>a) to the front edges of stages,</p> <p>b) to loading docks, or</p> <p>c) where access is provided for maintenance purposes only.</p>	3.3.1.18.	<p>Guards</p> <p>5) Sentence (1) does not apply</p> <p>a) to the front edges of stages,</p> <p>b) to floor pits in repair garages,</p> <p>c) to loading docks, or</p>

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			d) where access is provided for maintenance purposes only.
3.3.1.19.	Transparent Doors and Panels changed to →	3.3.1.19.	Tactile Walking Surface Indicators 1) Except as provided in Sentence (2), tactile attention indicators complying with Clauses 4.3.5.3.1, 4.3.5.3.3 and 4.3.5.3.4 of CSA B651, “Accessible design for the built environment,” shall be installed a) at the top of flights of stairs that are unenclosed, and b) at drop-off edges with a change in elevation greater than 300 mm that are unprotected by a guard. (See Note A-3.3.1.19.(1).) 2) Sentence (1) does not apply to service spaces, bleachers addressed in Subsection 3.3.2., stages, loading docks, industrial occupancies, within dwelling units, and to stairs and drop-off edges serving not more than two dwelling units.
3.3.1.20.	Changed from Exhaust Ventilation & Explosion Venting to → in 2020	3.3.1.20.	Transparent Doors and Panels 3) A glass door shall be constructed of a) laminated or tempered safety glazing conforming to CAN/CGSB-12.1, “Safety Glazing,” or b) wired glass conforming to CAN/CGSB-12.11-M, “Wired Safety Glass.”
3.3.2.7.	Doors 1) A door equipped with a latching mechanism in an access to exit from a room or suite of assembly occupancy containing an occupant load more than 100 shall be equipped with a device that will release the latch and allow the door to swing wide open when a force not more than that specified in Sentence 3.8.3.6.(8) is applied to the device in the direction of travel to the exit.	3.3.2.7.	Doors 1) A door equipped with a latching mechanism in an access to exit from a room or suite of assembly occupancy containing an occupant load more than 100 shall be equipped with a device that complies with Sentence 3.4.6.16.(3).
3.3.2.7		Sentence 3.3.2.7.(1)	of Division B is amended by adding the words “locking or” before the word “latching” and by adding the words “lock or” before the word latch
3.3.2.17.	Added in 2020 →	3.3.2.17.	Safety Glazing 1) Except as permitted in Sentence (3), glazing in all fixed and operable panels of doors shall conform to Class A of CAN/CGSB-12.1, “Safety Glazing.” 2) Except as permitted in Sentence (4), glazing in all fixed and operable panels of windows shall conform to Class A of CAN/CGSB-12.1, “Safety Glazing.” 3) Glazing in individual fixed or operable panels of a door need not comply with Sentence (1), where a) the bottom exposed edge of the glazing is located more than 1 525 mm above the walking surface on each side of the door, or b) the glazed opening in the door does not permit the passage of a sphere whose diameter is more than 75 mm. 4) Glazing in individual fixed or operable panels of a window need not comply with Sentence (2), where a) the bottom exposed edge of the glazing is located more than 1 525 mm above the walking surface on each side of the window, or

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			b) the glazing is located more than 915 mm away from the walking surface on each side of the window measured perpendicular to the plane of the glazing.																				
3.3.4.8.	<p>Protection of Openable Windows</p> <p>1) Except as provided in Sentence (2), openable windows in suites of residential occupancy shall be protected by</p> <p>a) a guard with a minimum height of 1 070 mm constructed in accordance with Article 3.3.1.18., or</p> <p>b) a mechanism capable of controlling the free swinging or sliding of the openable part of the window so as to limit any clear unobstructed opening to not more than 100 mm measured either vertically or horizontally where the other dimension is greater than 380 mm.</p>	3.3.4.8.	<p>Protection of Openable Windows</p> <p>1) Except as provided in Sentence (2), openable windows in suites of residential occupancy shall be protected by</p> <p>a) a guard with a minimum height of 1 070 mm constructed in accordance with Article 3.3.1.18., or</p> <p>b) a mechanism that can only be released with the use of tools or special knowledge to control the free swinging or sliding operation of the openable part of the window so as to limit any clear unobstructed opening to not more than 100 mm measured either vertically or horizontally.</p>																				
3.4.3.2.	<p>Width and Height of Exits</p> <p>Exit Width</p> <p style="text-align: center;">Table 3.4.3.2.-A Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways in Group A, Group B, Division 1, and Groups C, D, E and F Occupancies Forming Part of Sentence 3.4.3.2.(8)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Occupancy Classification</th> <th>Exit Corridors and Passageways, mm</th> <th>Ramps, mm</th> <th>Stairs, mm</th> <th>Doorways, mm</th> </tr> </thead> <tbody> <tr> <td>Group A, Group B, Division 1, Group C, Group D, Group E, Group F</td> <td>1 100</td> <td>1 100</td> <td>900⁽¹⁾ 1 100⁽²⁾</td> <td>800</td> </tr> </tbody> </table> <p>Notes to Table 3.4.3.2.-A:</p> <p>⁽¹⁾ Serving not more than 2 storeys above the lowest exit level or not more than 1 storey below the lowest exit level.</p> <p>⁽²⁾ Serving more than 2 storeys above the lowest exit level or more than 1 storey below the lowest exit level.</p>	Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm	Stairs, mm	Doorways, mm	Group A, Group B, Division 1, Group C, Group D, Group E, Group F	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	800	3.4.3.2.	<p>Width and Height of Exits</p> <p>Exit Width</p> <p style="text-align: center;">Table 3.4.3.2.-A Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways in Group A, Group B, Division 1, and Groups C, D, E and F Occupancies Forming Part of Sentence 3.4.3.2.(8)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Occupancy Classification</th> <th>Exit Corridors and Passageways, mm</th> <th>Ramps, mm</th> <th>Stairs, mm</th> <th>Doorways, mm</th> </tr> </thead> <tbody> <tr> <td>Group A, Group B, Division 1, Group C, Group D, Group E, Group F</td> <td>1 100</td> <td>1 100</td> <td>900⁽¹⁾ 1 100⁽²⁾</td> <td>850</td> </tr> </tbody> </table> <p>Notes to Table 3.4.3.2.-A:</p> <p>⁽¹⁾ Serving not more than 2 storeys above the lowest exit level or not more than 1 storey below the lowest exit level.</p> <p>⁽²⁾ Serving more than 2 storeys above the lowest exit level or more than 1 storey below the lowest exit level.</p>	Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm	Stairs, mm	Doorways, mm	Group A, Group B, Division 1, Group C, Group D, Group E, Group F	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	850
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Group A, Group B, Division 1, Group C, Group D, Group E, Group F	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	850																			
3.4.5.1.	<p>Exit Signs</p> <p>2) Every exit sign shall</p>	3.4.5.1.	<p>Exit Signs</p> <p>2) Every exit sign providing visual information shall</p>																				

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3.4.5.2.	<p>Signs for Stairs and Ramps at Exit Level</p> <p>1) In a building more than 2 storeys in building height, any part of an exit ramp or stairway that continues up or down past the lowest exit level shall have a posted sign clearly indicating that it does not lead to an exit.</p>	3.4.5.2.	<p>Exit Signs with Tactile Information</p> <p>1) An exit sign displaying the word “EXIT” in tactile form that complies with Subsection 3.8.3. shall be mounted on the approach side of exit doors described in Sentence 3.4.5.1.(1), in the direction of travel to the exit.</p>
3.4.6.5.	<p>Handrails</p> <p>5) Handrails shall be continuously graspable along their entire length, be free of any sharp or abrasive elements, and have</p> <p>a) a circular cross-section with an outside diameter not less than 30 mm and not more than 43 mm, or</p> <p>b) a non-circular cross-section with a perimeter not less than 100 mm and not more than 125 mm and whose largest cross-sectional dimension is not more than 45 mm.</p> <p>11) Handrails shall be terminated in a manner that will not obstruct pedestrian travel or create a hazard. (See Note A-3.4.6.5.(10).)</p>	3.4.6.5.	<p>Handrails</p> <p>5) Handrails shall be continuously graspable along their entire length, be free of any sharp or abrasive elements, and have</p> <p>a) a circular cross-section with an outside diameter not less than 30 mm and not more than 50 mm, or</p> <p>b) a non-circular cross-section with a perimeter not less than 100 mm and not more than 160 mm and whose largest cross-sectional dimension is not more than 57 mm.</p> <p>11) Handrails shall be terminated in a manner that will not obstruct pedestrian travel or create a hazard. (See Note A-3.4.6.5.(11)).</p>
3.4.6.7.	<p>Ramp Slope (See also Article 3.8.3.5.)</p> <p>1) Except as required for aisles by Article 3.3.2.5., the maximum slope of a ramp shall be</p> <p>a) 1 in 10 in any assembly, care, treatment, detention, or residential occupancy,</p> <p>b) 1 in 6 in an industrial occupancy,</p> <p>c) 1 in 8 in all other occupancies, and</p> <p>d) 1 in 10 for an exterior ramp.</p>	3.4.6.7.	<p>Ramp Slope (See also Article 3.8.3.5.)</p> <p>1) Except as provided in Sentence (2) and as provided for aisles in Article 3.3.2.5., ramps shall have a uniform slope along their length and a maximum slope of 1 in 12.</p> <p>2) Except as provided in Section 3.8., ramps in industrial occupancies shall have a uniform slope along their length and a maximum slope of a) 1 in 6 for interior ramps, and b) 1 in 10 for exterior ramps.</p>
3.4.6.11.	<p>Doors</p>	3.4.6.11.	<p>Doors</p> <p>(See also Sentence 3.8.3.6.(17).)</p>
3.4.6.15.	<p>Revolving Doors</p> <p>3)</p> <p>e) have all glass in door leaves and enclosure panels conforming to</p> <p>i) CAN/CGSB-12.1-M, “Tempered or Laminated Safety Glass,” or</p> <p>ii) CAN/CGSB-12.11-M, “Wired Safety Glass.”</p>	3.4.6.15.	<p>Revolving Doors</p> <p>3)</p> <p>e) glass used for door leaves and enclosure panels is safety glazing conforming to</p> <p>i) CAN/CGSB-12.1, “Safety Glazing,” or</p> <p>ii) CAN/CGSB-12.11-M, “Wired Safety Glass.”</p>
3.4.6.16.	<p>Door Release Hardware</p> <p>2) If a door is equipped with a latching mechanism, a device that will release the latch and allow the door to swing wide open when a force of not more than 90 N is applied to the device in the direction of travel to the exit shall be installed on</p> <p>a) every exit door from a floor area containing an assembly occupancy having an occupant load more than 100,</p> <p>b) every door leading to an exit lobby from an exit stair shaft, and every exterior door leading from an exit stair shaft in a building having an occupant load more than 100, and</p> <p>c) every exit door from a floor area containing a high-hazard industrial occupancy.</p>	3.4.6.16.	<p>Door Release Hardware</p> <p>2) If a door is equipped with a latching mechanism, a device complying with Sentence (3) shall be installed on</p> <p>3) The device required in Sentence (2) shall</p> <p>a) extend across not less than one half of the width of the door,</p> <p>b) release the latch, and</p> <p>c) allow the door to swing wide open when a force not more than that specified in Sentence 3.8.3.6.(8) is applied to the device in the direction of travel to the exit.</p>

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	<p>3) Except as required by Sentence 3.8.3.6.(8), every exit door shall be designed and installed so that, when the latch is released, the door will open under a force of not more than 90 N, applied at the knob or other latch releasing device.</p> <p>6) Door hardware for the operation of the doors referred to in this Section shall be installed at a height not more than 1 200 mm above the finished floor</p>		<p>g) a visual information sign complying with Subsection 3.8.3. is permanently mounted on the door to indicate that the locking device will release within 15 s of applying pressure to the door-opening hardware,</p> <p>h) a tactile information sign complying with Subsection 3.8.3. is permanently mounted near the door to indicate that the locking device will release within 15 s of applying pressure to the door-opening hardware,</p> <p>i) the total time delay for all electromagnetic locks in any path of egress to release is not more than 15 s,</p> <p>k) emergency lighting complying with Sentence 3.2.7.3.(1) is provided, and</p> <p>l) where they are installed on doors providing emergency crossover access to floor areas from exit stairs in accordance with Article 3.4.6.18.,</p> <p>ii) a visual information sign displaying the words “Re-entry door unlocked by fire alarm” that complies with Subsection 3.8.3. is permanently mounted on the door on the exit stair side, and</p> <p>iii) a tactile information sign displaying the words “Re-entry door unlocked by fire alarm” that complies with Subsection 3.8.3. is permanently mounted near the door on the exit stair side.</p> <p>6) Electromagnetic locks that do not incorporate latches, pins or other similar devices to keep the door in the closed position are permitted to be installed on doors in Group B, Division 2 and Division 3 occupancies, provided</p> <p>d) a visual information sign complying with Subsection 3.8.3. that displays the words “Emergency exit unlocked by fire alarm” is permanently mounted on the door,</p> <p>e) a tactile information sign complying with Subsection 3.8.3. that displays the words “Emergency exit unlocked by fire alarm” is permanently mounted near the door,</p> <p>g) emergency lighting complying with Sentence 3.2.7.3.(1) is provided. (See Note A-3.4.6.16.(6).)</p> <p>7) Except as provided in Sentence 3.4.6.17.(9), door release hardware for the operation of the doors referred to in this Section shall be installed between 900 mm and 1 100 mm above the finished floor.</p>
		<p>Sentence 3.4.6.16.(2) of Division B</p> <p>Sentence 3.4.6.16.(3) of Division B:</p>	<p>is amended by Striking out the words “If a door is equipped with a latching mechanism, a device that will release the latch and allow the door to swing wide open” and replacing it with the words “if a door is equipped with a locking or latching mechanism, a device that complies with “CAN/ULC-S132-16 (R2020) ‘Standard Method of Tests for Emergency Exit and Emergency Fire Exit Hardware’ “ and that will release the lock or latch and allow the door to swing wide open”.</p> <p>is amended by adding the words: “lock or” before each occurrence of the word “latch”.</p>
<p>3.4.6.18.</p>	<p>Emergency Crossover Access to Floor Areas</p> <p>3) Doors referred to in Sentence (1) shall be identified by a sign on the stairway side to indicate that they are openable from that side.</p> <p>4) Locked doors intended to prevent entry into a floor area from an exit stair shall</p>	<p>3.4.6.18.</p>	<p>Emergency Crossover Access to Floor Areas</p> <p>3) Doors referred to in Sentence (1) shall be identified by visual and tactile information signs complying with Subsection 3.8.3. mounted on the stairway side to indicate that they are openable from that side.</p> <p>4) Locked doors intended to prevent entry into a floor area from an exit stair shall</p>

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	<p>a) be identified by a sign on the stairway side to indicate the location of the nearest unlocked door in each direction of travel, and</p> <p>b) be openable with a master key that fits all locking devices and is kept in a designated location accessible to firefighters or be provided with a wired glass panel not less than 0.0645 m² in area and located not more than 300 mm from the door opening hardware.</p>		<p>a) be identified by visual and tactile information signs complying with Subsection 3.8.3. mounted on the stairway side to indicate the location of the nearest unlocked door in each direction of travel, and</p>
3.4.6.19.	<p>Floor Numbering</p> <p>1) Arabic numerals indicating the assigned floor number shall</p> <p>a) be mounted permanently on the stair side of the wall at the latch side of doors to exit stair shafts,</p> <p>b) be not less than 60 mm high, raised approximately 0.7 mm above the surface,</p> <p>c) be located 1 500 mm from the finished floor and not more than 300 mm from the door, and</p> <p>d) be contrasting in colour with the surface to which they are applied (see Note A-3.4.6.19.(1)(d)).</p>	3.4.6.19.	<p>Floor Numbering and Identification of Stair Shafts</p> <p>1) Arabic numerals indicating the assigned floor number in both visual and tactile forms in accordance with Subsection 3.8.3. shall be mounted permanently on the wall on the stair side and on the floor side at the latch side of doors to exit stair shafts.</p> <p>2) Upper case letters indicating the designation assigned to each exit stair shaft in both visual and tactile forms in accordance with Subsection 3.8.3. shall be mounted permanently on the wall on the stair side and on the floor side at the latch side of doors to exit stair shafts</p>
3.5.4.1.	<p>Dimensions and Signs</p> <p>Elevator Car Dimensions</p> <p>1) If one or more elevators are provided in a building, all storeys shall be served by at least one elevator which has inside dimensions that will accommodate and provide adequate access for a patient stretcher 2 010 mm long and 610 mm wide in the prone position. (See Note A-3.5.4.1.(1).)</p>	3.5.4.1.	<p>Dimensions and Signs</p> <p>Elevator Car Dimensions</p> <p>1) Except as provided in Sentence (2), if one or more elevators are provided in a building, at least one elevator on each storey with access to an elevator shall have inside dimensions that will accommodate and provide adequate access for a patient stretcher 2 010 mm long and 610 mm wide in the prone position. (See Note A-3.5.4.1.(1).)</p>
		3.5.4.1.(1) Of division B	Is amended by adding the words “that is more than three storeys in building height” after “If one or more elevators are provided in the building”.
3.6.2.5.	<p>Combustible Refuse Storage</p> <p>1) Except as required by Sentence 3.6.3.3.(9), a room for the storage of combustible refuse shall be</p> <p>a) separated from the remainder of the building by a fire separation with a fire-resistance rating not less than 1 h, and</p> <p>b) sprinklered. (See Note A-3.6.2.5.(1).)</p>	3.6.2.5.	<p>Storage of Combustible Refuse and Recycling</p> <p>1) Except as required by Sentence 3.6.3.3.(9), a room for the temporary storage of combustible refuse and materials for recycling shall be</p> <p>a) separated from the remainder of the building by a fire separation with a fire-resistance rating not less than 1 h, except that a fire separation with a fire-resistance rating not less than 45 min is permitted where the fire-resistance rating of the floor assembly is not required to exceed 45 min, and</p> <p>b) sprinklered. (See Note A-3.6.2.5.(1).)</p>
3.6.4.3.	<p>Plenum Requirements</p> <p>1) A concealed space used as a plenum within a floor assembly or within a roof assembly need not conform to Sentence 3.1.5.18.(1) and Article 3.6.5.1., provided</p> <p>a) all materials within the concealed space have a flame-spread rating not more than 25 and a smoke developed classification not more than 50, except for</p>	3.6.4.3.	<p>Plenum Requirements</p> <p>1) a)</p> <p>iii) totally enclosed non-metallic raceways with an FT6 rating, when tested in accordance with Clause 3.1.5.23.(1)(a), in buildings required to be of non-combustible construction or in buildings or parts of buildings permitted to be of encapsulated mass timber construction, and</p>

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	<ul style="list-style-type: none"> i) tubing for pneumatic controls, ii) optical fibre cables and electrical wires and cables with combustible insulation, jackets or sheathes that are used for the transmission of voice, sound or data and conform to Sentences 3.1.4.3.(2) and 3.1.5.21.(2), iii) totally enclosed non-metallic raceways with an FT6 rating, when tested in accordance with Clause 3.1.5.23.(1)(a), in buildings required to be of non-combustible construction, and iv) totally enclosed non-metallic raceways with an FT4 rating, when tested in accordance with Clause 3.1.5.23.(1)(a), in buildings permitted to be of combustible construction, and <p>b) the supports for the ceiling membrane are of non-combustible material having a melting point not below 760°C.</p>		
3.6.5.1.	<p>Air Duct and Plenum Systems Duct Materials</p> <p>2) Except as permitted by Sentence (3), ducts, associated fittings and plenums are permitted to contain combustible material provided they</p> <ul style="list-style-type: none"> a) conform to the appropriate requirements for Class 1 duct materials in CAN/ULC-S110, “Test for Air Ducts,” b) conform to Article 3.1.5.18. in a building required to be of non-combustible construction, c) conform to Subsection 3.1.9., d) are used only in horizontal runs in a building required to be of non-combustible construction, e) are not used in vertical runs serving more than 2 storeys in a building permitted to be of combustible construction, and f) are not used in air duct systems in which the air temperature could be more than 120°C 	3.6.5.1.	<p>Air Duct and Plenum Systems Duct Materials</p> <p>2) Except as permitted by Sentence (3), ducts, associated fittings and plenums are permitted to contain combustible material provided they</p> <ul style="list-style-type: none"> b) conform to Article 3.1.5.18. in a building required to be of non-combustible construction or in a building or part of a building permitted to be of encapsulated mass timber construction, c) conform to Subsection 3.1.9., d) are used only in horizontal runs in a building required to be of non-combustible construction or in a building or part of a building permitted to be of encapsulated mass timber construction,
3.6.5.5.	<p>Insulation and Coverings</p> <p>2) Except as permitted by Sentence (5), where combustible insulation is used on piping in a horizontal service space or a vertical service space, the insulation and coverings on that piping shall have a flame-spread rating, on any exposed surface and on any surface that would be exposed by cutting through the material in any direction,</p> <ul style="list-style-type: none"> a) not more than 25 in a building required to be of non-combustible construction, or b) not more than 75 in a building permitted to be of combustible construction. 	3.6.5.5.	<p>Insulation and Coverings</p> <p>2) Except as permitted by Sentence (5), where combustible insulation is used on piping in a horizontal service space or a vertical service space, the insulation and coverings on that piping shall have a flame-spread rating, on any exposed surface and on any surface that would be exposed by cutting through the material in any direction,</p> <ul style="list-style-type: none"> a) not more than 25 in a building required to be of non-combustible construction or in a building or part of a building permitted to be of encapsulated mass timber construction, or
3.7.2.1.	<p>Plumbing Facilities Plumbing and Drainage Systems</p> <p>1) Except as permitted in Sentence (2), if the installation of a sanitary drainage system is not possible because of the absence of a water supply, sanitary privies, chemical closets, or other means for the disposal of human waste shall be provided.</p> <p>2) Waterless urinals are permitted to be used in buildings provided with a water supply</p>	3.7.2.1.	<p>Plumbing Facilities Plumbing and Drainage Systems</p> <p>1) Except as provided in Sentence (2), for the purpose of this Subsection, the occupant load shall be determined in accordance with Subsection 3.1.17.</p> <p>2) For the purpose of this Subsection, the occupant load for floor areas that are classified as an industrial occupancy is permitted to be based solely on the total number of staff for which the floor area is</p>

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			designed, where the floor area is only intermittently occupied or where the presence of occupants is transitory. (See Note A-3.7.2.1.(2).)
3.7.2.4.	Mobile Home Facilities changed to →	3.7.2.4.	Safety Glazing 1) Glazing used for a shower or bathtub enclosure shall conform to Class A of CAN/CGSB-12.1, "Safety Glazing."
3.8.2.2.	Entrances (See Note A-3.8.2.2.) 1) In addition to the barrier-free entrances required by Sentence (2), not less than 50% of the pedestrian entrances of a building referred to in Sentence 3.8.2.1.(1) shall be barrier-free and shall lead from a) the outdoors at sidewalk level, or b) a ramp that complies with Subsection 3.8.3. and leads from a sidewalk.	3.8.2.2.	Entrances (See Note A-3.8.2.2.) 1) Except for service entrances and entrances to suites described in Clause 3.8.2.3.(2)(l), all pedestrian entrances to a barrier-free storey of a building referred to in Sentence 3.8.2.1.(1) shall be barrier-free and shall connect to a barrier-free exterior path of travel complying with Sentence 3.8.2.5.(1).
3.8.2.3.	Areas Requiring a Barrier-Free Path of Travel 2) A barrier-free path of travel for persons in wheelchairs is not required a) to service rooms, b) to elevator machine rooms, c) to janitor's rooms, d) to service spaces, e) to crawl spaces, f) to attic or roof spaces, g) to floor levels not served by a passenger elevator, a platform-equipped passenger-elevating device, an escalator, or an inclined moving walk, h) to high-hazard industrial occupancies, i) within portions of a floor area with fixed seats in an assembly occupancy where those portions are not part of the barrier-free path of travel to spaces designated for wheelchair use, j) within floor levels of a suite of residential occupancy that are not at the same level as the entry level to the suite, k) within a suite of residential occupancy that has not been designated by an authority having jurisdiction to be accessible for use by persons with physical disabilities, or l) within those parts 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.	3.8.2.3.	Areas Requiring a Barrier-Free Path of Travel 2) A barrier-free path of travel for persons in wheelchairs is not required g) to the floor level above or below the entrance level in buildings no more than 2 storeys in building height or in 2-storey suites, unless the floor level above or below (see Note A-3.8.2.3.(2)(g)) i) is served by a passenger elevator, a platform-equipped passenger-elevating device, an escalator or an inclined moving walk, ii) is 600 m ² or more in floor area, iii) contains facilities that are not contained on the entrance level, but that are integral to the principal function of the entrance level, or iv) contains an assembly occupancy more than 100 m ² in floor area, h) within a parking level with no barrier-free parking spaces, i) within high-hazard industrial occupancies, k) within floor levels of a suite of residential occupancy that are not at the same level as the entry level to the suite, or 4) The number of spaces designated for wheelchair use within waiting rooms or areas with fixed seats shall conform to Table 3.8.2.3. (2)(g). (See Note A-3.8.2.3.(4).) (See also Article 3.8.3.22. for additional requirements.) 5) Except as provided in Sentence (6), in an assembly occupancy with more than 25 fixed seats, each row of seats served by two aisles shall have one adaptable seat conforming to Subsection 3.8.3. located adjacent to one of the aisles. (See Note A-3.8.2.3.(5) and (6) and 3.8.3.22.(1) and (4).) 6) At least 5% of the adaptable seats required by Sentence (5) but no more than 20 adaptable seats shall adjoin a barrier-free path of travel. (See Note A-3.8.2.3.(5) and (6) and 3.8.3.22.(1) and (4).)

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	<p style="text-align: center;">Table 3.8.2.3. Designated Wheelchair Spaces Forming Part of Sentence 3.8.2.3.(3)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Number of Fixed Seats in Seating Area</th> <th>Number of Spaces Required for Wheelchairs</th> </tr> </thead> <tbody> <tr><td>2 - 100</td><td>2</td></tr> <tr><td>101 - 200</td><td>3</td></tr> <tr><td>201 - 300</td><td>4</td></tr> <tr><td>301 - 400</td><td>5</td></tr> <tr><td>401 - 500</td><td>6</td></tr> <tr><td>501 - 900</td><td>7</td></tr> <tr><td>901 - 1 300</td><td>8</td></tr> <tr><td>1 301 - 1 700</td><td>9</td></tr> <tr><td>each increment of up to 400 seats in excess of 1 700</td><td>one additional space</td></tr> </tbody> </table>	Number of Fixed Seats in Seating Area	Number of Spaces Required for Wheelchairs	2 - 100	2	101 - 200	3	201 - 300	4	301 - 400	5	401 - 500	6	501 - 900	7	901 - 1 300	8	1 301 - 1 700	9	each increment of up to 400 seats in excess of 1 700	one additional space		<p style="text-align: center;">Table 3.8.2.3. Designated Wheelchair Spaces Forming Part of Sentences 3.8.2.3.(3) and (4)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Number of Fixed Seats in Seating Area</th> <th>Number of Spaces Required for Wheelchairs</th> </tr> </thead> <tbody> <tr><td>2 - 99</td><td>2</td></tr> <tr><td>100 - 499</td><td>3, plus 1 for each additional increment of 70 seats in excess of 100</td></tr> <tr><td>500 - 1 999</td><td>9, plus 1 for each additional increment of 80 seats in excess of 500</td></tr> <tr><td>2 000 - 7 999</td><td>28, plus 1 for each additional increment of 95 seats in excess of 2 000</td></tr> <tr><td>Over 7 999</td><td>91, plus 1 for each additional increment of 100 seats in excess of 8 000</td></tr> </tbody> </table>	Number of Fixed Seats in Seating Area	Number of Spaces Required for Wheelchairs	2 - 99	2	100 - 499	3, plus 1 for each additional increment of 70 seats in excess of 100	500 - 1 999	9, plus 1 for each additional increment of 80 seats in excess of 500	2 000 - 7 999	28, plus 1 for each additional increment of 95 seats in excess of 2 000	Over 7 999	91, plus 1 for each additional increment of 100 seats in excess of 8 000
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3.8.2.5.	<p>Access to Parking Areas and Exterior Passenger-Loading Zones (See Note A-3.8.2.5.)</p> <p>1) A barrier-free path of travel shall be provided between an exterior parking area and a barrier-free entrance referred to in Article 3.8.2.2. (See Note A-3.8.2.5.(1).)</p> <p>2) Where a passenger elevator serves one or more indoor parking levels, a barrier-free path of travel shall be provided between at least one parking level and all other parts of the building required to be provided with barrier-free access in accordance with Subsection 3.8.3.</p> <p>3) Exterior passenger-loading zones shall comply with Subsection 3.8.3.</p>	3.8.2.5.	<p>Exterior Barrier-Free Paths of Travel to Building Entrances and Exterior Passenger-Loading Zones (See Note A-3.8.2.5.)</p> <p>1) A direct exterior barrier-free path of travel that complies with Subsection 3.8.3. shall be provided between a barrier-free entrance referred to in Article 3.8.2.2. and a) a designated barrier-free parking area, where provided, b) an exterior passenger-loading zone, where provided, and c) a public thoroughfare. (See Note A-3.8.2.5.(1) and (2).)</p> <p>2) In storage garages, a barrier-free path of travel that complies with Subsection 3.8.3. shall be provided between each parking level with barrier-free parking and all other parts of the building required to be provided with barrier-free access in accordance with Subsection 3.8.2. that are served by that storage garage. (See Note A-3.8.2.5.(1) and (2).)</p>																																
3.8.2.7.	<p>Power Door Operators</p> <p>1) Except as provided in Sentences (2) and (3), every door that provides a barrier-free path of travel through an entrance referred to in Article 3.8.2.2., including the interior doors of a vestibule where provided, shall be equipped with a power door operator that complies with Subsection 3.8.3. and allows persons to activate the opening of the door in the intended direction of travel, where the entrance serves</p> <p>a) a hotel, b) a building of Group B, Division 2 major occupancy, or c) a building of Group A, Group B, Division 3, Group D or E major occupancy more than 500 m² in building area.</p> <p>3) Only the active leaf in a multiple leaf door in a barrier-free path of travel need conform to the requirements of this Article.</p>	3.8.2.7.	<p>Power Door Operators</p> <p>1) Except as provided in Sentences (2) and (3), and except for doors provided with hold-open devices, doors equipped with a self-closing device shall be equipped with power door operators complying with Subsection 3.8.3. that allow persons to activate the opening of the doors in the intended direction of travel, where the doors are located</p> <p>a) in an entrance referred to in Article 3.8.2.2., including the interior doors of a vestibule where provided, b) in a barrier-free path of travel, between the entrance referred to in Clause (a) and the entrance doors to suites or rooms served by a public corridor or a corridor used by the public (see Note A-3.8.2.7.(1)(b)), and c) in an entrance to a washroom with a barrier-free water closet.</p> <p>3) Where more than one doorway is provided at a barrier-free entrance, only one of them is required to comply with this Article. (See Note A-3.8.2.7.(3).)</p>																																
3.8.2.8.	<p>Plumbing Facilities</p> <p>1) Except as permitted by Sentence (2), a washroom in a storey to which a barrier-free path of travel is required in accordance with Article 3.8.2.3., shall be barrier-free in accordance with Subsection 3.8.3. (See Note A-3.8.2.8.(1) to (4).)</p>	3.8.2.8.	<p>Plumbing Facilities</p> <p>1) Except as permitted by Sentence (3), at each location where washrooms are provided in a storey to which a barrier-free path of travel is required in accordance with Article 3.8.2.3., at least one universal washroom complying with Subsection 3.8.3. shall be provided. (See Note A-3.8.2.8.(1) to (4).)</p>																																

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	<p>2) A washroom need not conform to the requirements of Sentence (1) provided</p> <p>a) it is located within a suite of residential occupancy or a suite of care occupancy,</p> <p>b) other barrier-free washrooms are provided on the same floor area within 45 m, or c) it is located in an individual suite that is</p> <p>i) used for a business and personal services occupancy, a mercantile occupancy or an industrial occupancy,</p> <p>ii) less than 500 m² in area, and iii) completely separated from, and without access to, the remainder of the building. (See Note A-3.8.2.8.(1) to (4).)</p> <p>6) Where urinals are provided in a barrier-free washroom, at least one urinal shall comply with Subsection 3.8.3.</p> <p>7) A barrier-free washroom shall be provided with a lavatory that complies with Subsection 3.8.3.</p> <p>10) Except within a suite of care occupancy or a suite of residential occupancy, where showers are provided in a building, at least one shower stall in each group of showers shall comply with Subsection 3.8.3</p>		<p>2) Except as permitted by Sentence (3), where more than two water closets or a combination of more than one water closet and one urinal are provided in a washroom located in a storey to which a barrier-free path of travel is required in accordance with Article 3.8.2.3., at least one water-closet stall shall be barrier-free in accordance with Subsection 3.8.3. (See Note A-3.8.2.8.(1) to (4).) 3) Washrooms located within a suite of residential occupancy or a suite of care occupancy need not conform to the requirements of Sentence (1) or (2). (See Note A-3.8.2.8.(1) to (4).)</p> <p>6) Where urinals are provided in a barrier-free washroom, at least one urinal for persons with limited mobility conforming to Subsection 3.8.3. shall be provided for every 10 urinals.</p> <p>7) Where water-closet stalls are provided in a barrier-free washroom, at least one stall for persons with limited mobility conforming to Subsection 3.8.3. shall be provided for every 10 stalls.</p> <p>10) At each location where one or more drinking fountains are provided, at least one of them shall comply with Subsection 3.8.3. 11) At each location where one or more water-bottle filling stations are provided, at least one of them shall comply with Subsection 3.8.3.</p> <p>15) In buildings containing Group A, Group B, Division 2 or Group E major occupancies where at least one of these major occupancies has an occupant load of more than 500, at least one universal washroom on the storey on which the main barrier-free entrance to the building is located shall incorporate an accessible change space conforming to Subsection 3.8.3. (See Note A-3.8.2.8.(15).)</p>
		3.8.2.8.(3) of Division B	Is amended by adding the words “Except as required by article 3.8.2.13.” after “a suite of residential occupancy or a suite of care occupancy”
3.8.2.9.	<p>Assistive Listening Devices</p> <p>1) In a building of assembly occupancy, all classrooms, auditoria, meeting rooms and theatres with an area of more than 100 m² shall be equipped with an assistive listening system complying with Subsection 3.8.3.</p>	3.8.2.9.	<p>Assistive Listening Systems</p> <p>2) In each location where information, goods or services are provided to the public at service counters in buildings of assembly occupancy, at least one of the service counters shall be equipped with</p> <p>a) an assistive listening system or adaptive technology conforming to Subsection 3.8.3., and</p> <p>b) an amplification system, where there is a barrier to communication, such as a glass screen. (See Note A-3.8.2.9.(2).)</p>
3.8.2.10.	<p>Signs and Indicators</p> <p>1) Signs complying with Subsection 3.8.3. shall be installed to indicate the location of</p> <p>a) barrier-free entrances,</p> <p>b) barrier-free washrooms,</p> <p>c) barrier-free showers,</p> <p>d) barrier-free elevators,</p> <p>e) barrier-free parking spaces, and</p> <p>f) facilities for persons with hearing disabilities.</p> <p>2) Where a washroom is not designed to accommodate persons with physical disabilities in a storey to which a barrier-free path of travel is required, signs shall be provided to indicate the location of barrier-free facilities.</p>	3.8.2.10.	<p>Signs and Indicators</p> <p>1) Signs providing visual information in accordance with Subsection 3.8.3. shall be installed to indicate the location of</p> <p>f) assistive listening systems or adaptive technologies.</p> <p>2) Where a washroom is not designed to accommodate persons with physical disabilities in a storey to which a barrier-free path of travel is required, signs providing visual and tactile information in accordance with Subsection 3.8.3. shall be installed to indicate the location of barrier-free facilities.</p> <p>3) Except for doors that serve service spaces or are located within a suite, signs installed at or near doors shall provide the same information in both visual and tactile forms in accordance with Subsection 3.8.3.</p> <p>4) Directional signs shall provide visual information in accordance with Subsection 3.8.3. (See Note A-3.8.2.10.(4).)</p>

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3.8.2.11.	Counters and Counters for Telephones 1) Every counter more than 2 m long at which the public is served shall comply with Subsection 3.8.3. (See Note A-3.8.2.11.(1).) (See also Note A-3.8.2.3.) 2) Built-in shelves and counters provided for public telephones shall comply with Subsection 3.8.3.	3.8.2.11.	Counters 1) Where a service counter is provided, at least one section of it shall comply with Subsection 3.8.3. (See Note A-3.8.2.11.(1).) (See also Note A-3.8.2.3.)																
	Removed in 2015, changed to →	3.8.2.12.	Telephones 1) In each location where one or more public telephones are installed, at least one telephone shall comply with Subsection 3.8.3.																
		The following article is added after Article 3.8.2.12 of Division B:	<p>“3.8.2.13. Residential Occupancies</p> <p>(1) Notwithstanding Sentence 3.8.2.8.(3), in a building of residential occupancy, except where dwelling units are intended to be individually controlled by sperate owners, at least the greater of:</p> <p>(a) One, or</p> <p>(b) 5%</p> <p>Of the <i>suites</i> required to be accessible shall be barrier-free on conformance with Article 3.8.3.23. (See Article 3.8.2.1. and Article 9.5.2.3.).</p> <p>(2) For the purposes of sentence (1), the following table represents the minimum number of <i>suites</i> in abuilding which are required to be accessible.</p> <table border="1"> <thead> <tr> <th colspan="2">Table To Calculate Required Accessible <i>Suites</i> Per Building (forming part of Sentence 3.8.2.13.(1))</th> </tr> <tr> <th><i>Suites</i> In Building</th> <th>Required number of Accessible <i>Suites</i></th> </tr> </thead> <tbody> <tr> <td>1-20</td> <td>1</td> </tr> <tr> <td>21-40</td> <td>2</td> </tr> <tr> <td>41-60</td> <td>3</td> </tr> <tr> <td>61-80</td> <td>4</td> </tr> <tr> <td>81-100</td> <td>5</td> </tr> <tr> <td colspan="2">+1 for each additional increment of 20 <i>suites</i></td> </tr> </tbody> </table>	Table To Calculate Required Accessible <i>Suites</i> Per Building (forming part of Sentence 3.8.2.13.(1))		<i>Suites</i> In Building	Required number of Accessible <i>Suites</i>	1-20	1	21-40	2	41-60	3	61-80	4	81-100	5	+1 for each additional increment of 20 <i>suites</i>	
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3.8.3.2.	Barrier-Free Path of Travel 1) Except as required elsewhere in this Part or as permitted by Article 3.8.3.6. pertaining to doorways, the unobstructed width of a barrier-free path of travel shall be not less than 920 mm. 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 diameter,	3.8.3.2.	Barrier-Free Path of Travel 1) Except as required elsewhere in this Part or as permitted by Sentence (2) and Article 3.8.3.6. pertaining to doorways, the clear width of a barrier-free path of travel shall be not less than 1 000 mm. 2) The clear width of a barrier-free path of travel is permitted to be reduced to not less than 850 mm for a length of not more than 600 mm, provided the clear floor space at either end of the reduced-clear width section is level within a rectangular area																

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	<ul style="list-style-type: none"> b) have any elongated openings oriented approximately perpendicular to the direction of travel, c) be stable, firm and slip-resistant, d) have a cross slope no steeper than 1 in 50, e) be beveled at a maximum slope of 1 in 2 at changes in level between 6 mm and 13 mm, and f) be provided with sloped floors or ramps at changes in level more than 13 mm. (See Note A-3.8.3.2.(2).) 		<ul style="list-style-type: none"> a) whose dimension parallel to each end of the reduced-clear width section is not less than 1 000 mm, and b) whose dimension perpendicular to each end of the reduced-clear width section is not less than 1 500 mm. (See Note A-3.8.3.2.(2).) 5) The width of a barrier-free path of travel that is more than 24 m long shall be increased to not less than 1 700 mm for a length of 1 700 mm at intervals not exceeding 24 m. 6) Where a section of a barrier-free path of travel is less than 1 500 mm wide for a distance of more than 12 m, it shall end in a clear floor space that is <ul style="list-style-type: none"> a) not less than 1 700 mm in diameter, b) not less than 1 700 mm by 1 500 mm, or c) T-shaped with overall dimensions measuring 1 700 mm wide by 1 500 mm long, where the two arms of the “T” are not less than 1 000 mm wide and extend not less than 300 mm from each side of the base of the “T” and the base is not less than 1 000 mm wide and extends not less than 500 mm from each arm. (See Note A-3.8.3.2.(6).)
3.8.3.3.	<p>Exterior Walks</p> <p>1) Exterior walks that form part of a barrier-free path of travel shall</p> <ul style="list-style-type: none"> a) have a slip-resistant, continuous and even surface, b) be not less than 1 100 mm wide, and c) have a level area conforming to Clause 3.8.3.5.(1)(c) adjacent to an entrance doorway. 	3.8.3.3.	<p>Exterior Walks</p> <p>1) Exterior walks that form part of a barrier-free path of travel shall</p> <ul style="list-style-type: none"> b) be not less than 1 600 mm wide, c) have a level area conforming to Clause 3.8.3.5.(1)(c) adjacent to an entrance doorway, and d) be designed in accordance with Clause 8.2.1 of CSA B651, “Accessible design for the built environment.”
3.8.3.5.	<p>Ramps</p> <p>1) A ramp located in a barrier-free path of travel shall</p> <ul style="list-style-type: none"> a) have a clear width not less than 870 mm (see Note A-3.4.3.4.), b) have a slope not more than 1 in 12 (see Note A-3.8.3.5.(1)(b)), c) have a level area not less than 1 500 by 1 500 mm at the top and bottom and at intermediate levels of a ramp leading to a door, so that on the latch side the level area extends not less than <ul style="list-style-type: none"> i) 600 mm beyond the edge of the door opening where the door opens towards the ramp, or ii) 300 mm beyond the edge of the door opening where the door opens away from the ramp, (see Note A-3.8.3.5.(1)(c)), d) have a level area not less than 1 200 mm long and at least the same width as the ramp <ul style="list-style-type: none"> i) at intervals not more than 9 m along its length, and ii) where there is an abrupt change in the direction of the ramp, and e) except as provided in Sentences (2) and (3), be equipped with handrails conforming to Article 3.4.6.5., except that they shall be not less than 865 mm and not more than 965 mm high, and f) be equipped with guards conforming to Article 3.4.6.6. 	3.8.3.5.	<p>Ramps</p> <p>1) A ramp located in a barrier-free path of travel shall</p> <ul style="list-style-type: none"> a) have a clear width not less than 1 000 mm (see Note A-3.4.3.4.), b) have a uniform slope along its length not more than 1 in 12 (see Note A-3.8.3.5.(1)(b)), c) have a level area not less than 1 700 mm by 1 700 mm at the top and bottom and at intermediate levels of a ramp leading to a door, so that on the latch side the level area extends not less than d) have a level area not less than 1 350 mm long and at least the same width as the ramp

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3.8.3.6.	<p>Doorways and Doors</p> <p>2) Every doorway that is located in a barrier-free path of travel shall have a clear width not less than 800 mm when the door is in the open position. (See Note A-3.8.3.6.(2).)</p> <p>3) Doorways in a path of travel to at least one bathroom within a suite of residential occupancy shall have a clear width not less than 800 mm when the doors are open. (See Note A-3.8.3.6.(3).)</p> <p>12) A vestibule located in a barrier-free path of travel shall be arranged to allow the movement of wheelchairs between doors and shall provide a distance between 2 doors in series of not less than 1200 mm plus the width of any door that swings into the space in the path of travel from one door to another.</p> <p>14) Except as provided in Clause 3.8.3.5.(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</p> <p>a) as wide as the door plus the clearance required on the latch side by Sentence (11), and</p> <p>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 1500 mm.</p>	3.8.3.6.	<p>Doorways and Doors</p> <p>2) Every doorway that is located in a barrier-free path of travel shall have a clear width not less than 850 mm when the door is in the open position. (See Note A-3.8.3.6.(2).)</p> <p>3) Doorways in a path of travel to at least one bathroom within a suite of residential occupancy shall have a clear width not less than 850 mm when the doors are open. (See Note A-3.8.3.6.(3).)</p> <p>12) A vestibule located in a barrier-free path of travel shall be arranged to allow the movement of wheelchairs between doors and shall provide a distance between 2 doors in series of not less than 1 350 mm plus the width of any door that swings into the space in the path of travel from one door to another.</p> <p>14) Except as provided in Clause 3.8.3.5.(1)(c) and Sentence (16), the clear floor space on the pull side of a swinging door in a barrier-free path of travel shall be level within a rectangular area of not less than 1 700 mm by 1 500 mm measured from the hinged side of the door. (See Note A-3.8.3.6.(14) to (16).)</p> <p>15) Except as provided in Clause 3.8.3.5.(1)(c) and Sentence (16), the clear floor space on the push side of a swinging door and on each side of a sliding door in a barrier-free path of travel shall be level within a rectangular area a) whose dimension parallel to the closed door is not less than 1 200 mm, and b) whose dimension perpendicular to the closed door is not less than 1 500 mm. (See Note A-3.8.3.6.(14) to (16).)</p> <p>16) Where a door referred to in Sentences (14) and (15) is equipped with a power door operator complying with Sentence (6), the width of the clear floor space parallel to the closed door is permitted to be reduced to not less than 1 000 mm. (See Note A-3.8.3.6.(14) to (16).)</p> <p>17) Except for facilities for persons with cognitive disabilities such as dementia, doorways leading from a public corridor or a corridor used by the public that provide access to a public area or an exit shall be provided with a door or door frame that has a readily apparent visual contrast with adjacent wall surfaces. (See Note A-3.8.3.6.(17).) (See also Note A-3.4.6.11.(4).)</p>
3.8.3.7.	<p>Passenger-Elevating Devices</p> <p>1) A passenger-elevating device referred to in Article 3.8.2.3. shall conform to CSA B355, "Lifts for Persons with Physical Disabilities."</p>	3.8.3.7.	<p>Passenger-Elevating Devices</p> <p>1) A passenger-elevating device referred to in Article 3.8.2.3. located in a barrier-free path of travel shall</p> <p>a) conform to CSA B355, "Platform lifts and stair lifts for barrier-free access,"</p> <p>b) have a clear floor space not less than 1 500 mm long by 1 000 mm wide, and c) have entry doors or gates</p> <p>i) providing a clear width not less than 850 mm in the open position if located on the short side of the passenger-elevating device, or</p> <p>ii) providing a clear width not less than 1 000 mm in the open position if located at either end of the long side of the passenger-elevating device.</p>
3.8.3.8.	<p>Controls</p> <p>1) Controls described in this Section shall</p> <p>a) where located in or adjacent to a barrier-free path of travel, and unless otherwise stated,</p> <p>i) be mounted 400 mm to 1 200 mm above the floor,</p> <p>ii) be adjacent to and centered on either the length or the width of a clear floor space of 1 350 mm by 800 mm, and</p> <p>b) be operable</p>	3.8.3.8.	<p>Controls</p> <p>1) Controls described in this Section shall</p> <p>a) where located in a storey where a barrier-free path of travel is required and unless otherwise stated,</p> <p>i) be in or adjacent to the barrier-free path of travel,</p> <p>ii) be mounted 400 mm to 1 200 mm above the floor, and</p> <p>iii) be adjacent to and centred on either the length or the width of a clear floor space of 1 350 mm by 800 mm,</p>

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	<ul style="list-style-type: none"> i) with one hand in a closed fist position, without requiring tight grasping, pinching with fingers, or twisting of the wrist, and ii) unless otherwise stated, with a force not more than 22 N. 		<ul style="list-style-type: none"> b) be operable <ul style="list-style-type: none"> i) with one hand in a closed fist position, without requiring tight grasping, pinching with fingers, or twisting of the wrist, and ii) unless otherwise stated, with a force not more than 22 N, and c) where controls provide a feedback signal to the user, it shall be both audible and visible (see Note A-3.8.3.8.(1)(c)).
3.8.3.9.	<p>Accessible Signs</p> <p>1) Signs required by Article 3.8.2.10. shall incorporate the International Symbol of Access or the International Symbol of Access for Hearing Loss and appropriate graphical or textual information that clearly indicates the type of facilities available. (See Note A-3.8.3.9.(1).)</p>	3.8.3.9.	<p>Accessible Signs</p> <p>1) Visual information signs required by Subsections 3.4.5. and 3.4.6. and Article 3.8.2.10. shall comply with Clauses 4.5.2, 4.5.3 and 4.5.4 of CSA B651, “Accessible design for the built environment.” (See Note A-3.8.3.9.(1) and (2).)</p> <p>2) Tactile information signs required by Subsections 3.4.5. and 3.4.6. and Article 3.8.2.10. shall</p> <ul style="list-style-type: none"> a) have Braille and tactile characters in accordance with Clauses 4.5.6.2 and 4.5.6.3 of CSA B651, “Accessible design for the built environment,” b) be installed on the wall closest to the latch side of the door or on the nearest wall on the right side of the door, where there is no wall at the latch side, and c) be centred 1 500 mm above the finished floor with the edge of the sign located not more than 300 mm from the door. (See Note A-3.8.3.9.(1) and (2).)
3.8.3.10.	<p>Drinking Fountains</p> <p>1) Drinking fountains required by Sentence 3.8.2.8.(9) shall</p> <ul style="list-style-type: none"> a) be located along a barrier-free path of travel, b) have a minimum clear floor space of 800 mm by 1350 mm in front of it, c) where it has frontal access, provide a knee clearance in accordance with Clause 3.8.3.15.(1)(d), d) have a spout that <ul style="list-style-type: none"> i) is located near the front of the unit, at a height between 750 mm and 915 mm above the floor, and ii) directs water flow in a trajectory that is nearly parallel to the front of the unit, at a height not less than 100 mm, and e) be equipped with controls that <ul style="list-style-type: none"> i) activate automatically, or ii) are located either on the front or on both sides of it and comply with Clause 3.8.3.8.(1)(b). 	3.8.3.10.	<p>Drinking Fountains</p> <p>1) Drinking fountains required by Sentence 3.8.2.8.(10) shall be equipped with controls that</p> <ul style="list-style-type: none"> a) activate automatically, or b) comply with Clause 3.8.3.8.(1)(b) and are located on the front or on both sides of the fountain. <p>2) Where drinking fountains referred to in Sentence (1) are located in a storey where a barrier-free path of travel is required, they shall</p> <ul style="list-style-type: none"> a) be located along the barrier-free path of travel, b) have a minimum clear floor space of 800 mm by 1 350 mm in front of them, c) where they have frontal access, provide a knee clearance in accordance with Clause 3.8.3.16.(1)(e), and <p>(See Sentences 3.3.1.8.(2) and (3) on horizontal projections.)</p>
3.8.3.11.	Added in 2020 →	3.8.3.11.	<p>Water-Bottle Filling Stations</p> <p>1) Water-bottle filling stations required by Sentence 3.8.2.8.(11) shall be equipped with controls that</p> <ul style="list-style-type: none"> a) activate automatically, or b) comply with Clause 3.8.3.8.(1)(b).

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			<p>2) Water-bottle filling stations required by Sentence 3.8.2.8.(11) that are located in a storey where a barrier-free path of travel is required shall</p> <ul style="list-style-type: none"> a) be located along the barrier-free path of travel, b) have a clear floor space of 800 mm by 1 350 mm in front of them (see Note A-3.8.3.11.(2)(b) and (d)), c) where they have frontal access, provide a knee clearance in accordance with Clause 3.8.3.16.(1)(e), d) be operable at a height of not more than 1 200 mm above the floor (see Note A-3.8.3.11.(2)(b) and (d)), and e) be equipped with controls that i) activate automatically, or ii) comply with Sentence 3.8.3.8.(1). (See Sentences 3.3.1.8.(2) and (3) on horizontal projections.)
3.8.3.11.	<p>Water-Closet Stalls</p> <p>1) Water-closet stalls and enclosures required by Sentence 3.8.2.8.(5) shall</p> <ul style="list-style-type: none"> a) be not less than 1 500 mm wide by 1500 mm deep, b) have a clear floor space of 1500 mm by 1500 mm in front of the accessible stall, c) be equipped with a door that <ul style="list-style-type: none"> i) can be latched from the inside with a mechanism conforming to Clause 3.8.3.8.(1)(b), ii) is aligned with either the transfer space adjacent to the water closet or with a clear floor space not less than 1500 mm by 1500 mm within the stall, iii) provides a clear opening not less than 850 mm wide when it is open, iv) is self-closing so that, when at rest, the door is ajar by not more than 50 mm beyond the jamb, v) swings outward, unless there is sufficient floor space within the stall for the door to swing inward in addition to a clear floor space of at least 800 mm by 1350 mm (see Note A-3.8.3.11.(1)(c)(v)), vi) where the door swings outward, is provided with a horizontal, D-shaped, visually contrasting door pull not less than 140 mm long located on the inside such that its midpoint is 200 mm to 300 mm from the hinged side of the door and 800 mm to 1000 mm above the floor (see Note A-3.8.3.11.(1)(c)(vi)), and vii) is provided with a horizontal, D-shaped, visually contrasting door pull not less than 140 mm long located on the outside such that its midpoint is 120 mm to 220 mm from the latch side and 800 mm to 1 000 mm above the floor, d) have a water closet located so that the distance between the centre line of the fixture and the wall on one side is 460 mm to 480 mm, e) be equipped with an L-shaped grab bar that <ul style="list-style-type: none"> i) is mounted on the side wall closest to the water closet, ii) has horizontal and vertical components not less than 760 mm long mounted with the horizontal component 750 mm to 850 mm above the floor and the vertical component 150 mm in front of the water closet (see Note A-3.8.3.11.(1)(e)(ii)), and iii) complies with Article 3.7.2.8., 	3.8.3.12.	<p>Accessible Water-Closet Stalls</p> <p>1) Water-closet stalls and enclosures required by Sentence 3.8.2.8.(5) shall</p> <ul style="list-style-type: none"> a) be not less than 1 500 mm wide by 1 500 mm deep, b) have a clear lateral transfer space adjacent to the water closet that <ul style="list-style-type: none"> i) is at least 1 500 mm long, measured from the wall behind the water closet, and ii) is at least 900 mm wide, measured from the closest edge of the water closet seat, (see Note A-3.8.3.12.(1)(b)) c) have a clear floor space of 1 700 mm by 1 700 mm in front of the accessible stall, d) be equipped with a door that i) can be latched from the inside with a mechanism located 900 mm to 1 100 mm above the floor that conforms to Clause 3.8.3.8.(1)(b), ii) is aligned with either the transfer space adjacent to the water closet or with a clear floor space not less than 1 700 mm by 1 700 mm within the stall, iii) provides a clear opening not less than 850 mm wide when it is open,

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	<p>f) be equipped with either one grab bar at least 600 mm long and centred over the water closet, or two grab bars at least 300 mm long and located either side of the flush valve, that</p> <ul style="list-style-type: none"> i) conform to Article 3.7.2.8., ii) are mounted on the rear wall, and iii) are mounted at the same height as the grab bar on the side wall or 100 mm above the top of the attached water tank, if applicable, <p>g) be equipped with a coat hook mounted not more than 1200 mm above the floor on a side wall and projecting not more than 50 mm from the wall, and</p> <p>h) be equipped with a toilet paper dispenser mounted on the side wall closest to the water closet such that</p> <ul style="list-style-type: none"> i) the bottom of the dispenser is 600 mm to 800 mm above the floor, and ii) the closest edge of the dispenser is 300 mm from the front of the water closet. 		
3.8.3.12.	<p>Universal Washrooms (See Note A-3.8.3.12.)</p> <p>1) A universal washroom shall</p> <ul style="list-style-type: none"> a) be served by a barrier-free path of travel, b) have a door complying with Article 3.8.3.6. that <ul style="list-style-type: none"> i) has a latch-operating mechanism located 900 mm to 1000 mm above the floor that complies with Clause 3.8.3.8.(1)(b) and is capable of being locked from the inside, and released from the outside in case of emergency, and ii) if it is an outward swinging door that is not self-closing, has 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 side of the door and not less than 900 mm and not more than 1 000 mm above the floor (see Note A-3.8.3.11.(1)(c)(vi)), c) have one lavatory conforming to Article 3.8.3.15., d) have one water closet conforming to Article 3.8.3.13. and Clause 3.8.3.11.(1)(d), with a clear floor space at least 900 mm wide that is parallel and adjacent to the open side of the water closet, e) have grab bars conforming to Clauses 3.8.3.11.(1)(e) and (f), f) have a coat hook conforming to Clause 3.8.3.11.(1)(g), g) have a toilet paper dispenser conforming to Clause 3.8.3.11.(1)(h), h) unless a counter is provided, have a shelf located not more than 1 200 mm above the floor, and i) be designed to permit a wheelchair to turn in an open space not less than 1 500 mm in diameter 	3.8.3.13.	<p>Universal Washrooms (See Note A-3.8.3.13.)</p> <p>1) A universal washroom shall</p> <ul style="list-style-type: none"> b) have a door complying with Article 3.8.3.6. that <ul style="list-style-type: none"> i) has a latch-operating mechanism located 900 mm to 1 100 mm above the floor that complies with Clause 3.8.3.8.(1)(b) and is capable of being locked from the inside, and released from the outside in case of emergency, and ii) if it is an outward swinging door that is not self-closing, has 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 side of the door and not less than 900 mm and not more than 1 100 mm above the floor (see Note A-3.8.3.12.(1)(d)(vi)), e) have a clear lateral transfer space adjacent to the water closet that conforms to Clause 3.8.3.12.(1)(b), j) be designed to permit a wheelchair to turn in an open space not less than 1 700 mm in diameter. <p>2) A universal washroom required to have an accessible change space as stipulated in Sentence 3.8.2.8.(15) shall</p> <ul style="list-style-type: none"> a) be equipped with an adult-sized change table, b) have a clear floor space to accommodate the adult-sized change table that is 810 mm wide by 1 830 mm long and does not overlap with the clear spaces required by Clauses (1)(e), (1)(j) and (c), and c) have a clear transfer space of 900 mm by 1 350 mm adjacent to the long side of the clear floor space for the adult-sized change table.

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	<p>Water Closets</p> <p>1) A water closet for a person with physical disabilities shall</p> <p>a) be equipped with a seat located 430 mm to 460 mm above the floor,</p> <p>b) flush automatically or be equipped with a flushing control that</p> <p> i) is located 500 mm to 900 mm above the floor,</p> <p> ii) is located no more than 350 mm from the transfer side, and</p> <p> iii) complies with Clause 3.8.3.8.(1)(b),</p> <p>c) be equipped with a seat lid or other back support, and d) where it has a tank, have a securely attached tank top. (See Note A-3.8.3.13.(1).)</p>	<p>3.8.3.15.</p>	<p>Water-Closet Stalls and Urinals for Persons with Limited Mobility</p> <p>1) Water-closet stalls for persons with limited mobility required by Sentence 3.8.2.8.(7) shall</p> <p>a) be at least 1 500 mm deep and 890 mm to 940 mm wide,</p> <p>b) be equipped with a door that</p> <p> i) has a latch-operating mechanism conforming to Clause 3.8.3.8.(1)(b) that can be locked from the inside and released from the outside in the event of an emergency,</p> <p> ii) provides a clear opening not less than 850 mm wide when it is open,</p> <p> iii) swings outward, unless the minimum dimensions required by Clause (a) do not overlap with the area of the door swing,</p> <p> iv) is self-closing so that, when at rest, the door is ajar by not more than 50 mm beyond the jamb, and</p> <p> v) has a door pull on both sides of the door, near the latch side, located 900 mm to 1 100 mm above the finished floor,</p> <p>c) have one water closet conforming to Article 3.8.3.14. centred within the stall,</p> <p>d) have a horizontal grab bar conforming to Article 3.7.2.7. on each side of the water closet that</p> <p> i) is located 750 mm to 850 mm above the floor,</p> <p> ii) begins not more than 300 mm from the wall behind the water closet, and</p> <p> iii) extends at least 450 mm in front of the toilet seat, and</p> <p>e) be equipped with a coat hook mounted not more than 1 200 mm above the floor on a side wall and projecting not more than 50 mm from the wall.</p> <p>2) Urinals described in Sentence 3.8.2.8.(6) shall</p> <p>c) have a clear width of approach that is at least 800 mm wide by 1 350 mm long centred on the urinal and unobstructed by privacy screens,</p>
<p>3.8.3.15.</p>	<p>Lavatories and Mirrors</p> <p>1) Lavatories required by Sentence 3.8.2.8.(7) shall</p> <p>a) be equipped with faucets complying with Sentence 3.7.2.3.(4),</p> <p>b) be located so that the distance between the centre line of the lavatory and any side wall is not less than 460 mm,</p> <p>c) have a rim height not more than 865 mm above the floor,</p> <p>d) have a clearance beneath the lavatory not less than</p> <p> i) 760 mm wide,</p> <p> ii) 735 mm high at the front edge,</p> <p> iii) 685 mm high at a point 200 mm back from the front edge, and</p> <p> iv) 230 mm high over the distance from a point 280 mm to a point 430 mm back from the front edge, (see Note A-3.8.3.15.(1)(d))</p> <p>e) have insulated water supply and drain pipes where these pipes are exposed (see Note A-3.8.3.15.(1)(e)),</p> <p>f) have a soap dispenser that</p> <p> i) is automatic, or</p>	<p>3.8.3.16.</p>	<p>Lavatories and Mirrors</p> <p>1) Lavatories required by Sentence 3.8.2.8.(8) shall</p> <p>c) have a clear floor space in front of the lavatory that is at least</p> <p> i) 800 mm wide, centred on the lavatory, and</p> <p> ii) 1 350 mm long</p> <p>e) have a clearance beneath the lavatory not less than</p> <p> i) 800 mm wide, centred on the lavatory,</p>

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	<p>ii) complies with Clause 3.8.3.8.(1)(b) and is located not more than 1 100 mm above the floor, within 500 mm from the front of the lavatory (see Note A-3.8.3.15.(1)(f)), and g) have a towel dispenser or other hand-drying equipment located close to the lavatory, not more than 1 200 mm above the floor in an area that is accessible to persons in wheelchairs.</p>		
<p>3.8.3.16.</p>	<p>Showers Added in 2020 →</p>	<p>3.8.3.17.</p>	<p>Showers 2) A universal dressing and shower room required by Sentence 3.8.2.8.(13) shall a) be located in a barrier-free path of travel, b) have a door capable of being locked from the inside and released from the outside in the event of an emergency, c) have a lavatory and a mirror conforming to Article 3.8.3.16., d) have a shower conforming to Sentence (1), e) have a bench that is at least 1 830 mm long by 760 mm wide and 480 mm to 520 mm high, f) have a clear transfer space adjacent to the long side of the bench that is 900 mm wide and as long as the bench (see Note A-3.8.3.17.(2)(f)), and g) have a coat hook conforming to Clause 3.8.3.12.(1)(h).</p>
<p>3.8.3.17.</p>	<p>Bathtubs 1) Bathtubs required by Sentence 3.8.2.8.(11) shall a) be located in a room with a clear floor space not less than 1 500 mm in diameter, b) be not less than 1 500 mm long, c) have a clear floor space not less than 750 mm wide adjacent to its entire length, d) be capable of being accessed along its full length with no tracks mounted on its rim, e) have faucets and other controls that i) conform to Clause 3.8.3.8.(1)(b), and ii) are located on the centre line or between the centre line of the bathtub and the exterior edge of the bathtub rim, at a maximum height of 450 mm above the rim, f) have three grab bars i) that conform to Sentence 3.7.2.8.(1), ii) that are not less than 1 200 mm long, iii) two of which are located vertically at each end of the bathtub, set 80 mm to 120 mm in from the outside edge of the bathtub, with their lower end 180 mm to 280 mm above the bathtub rim, and iv) one of which is located horizontally along the length of the bathtub at 180 mm to 280 mm above the bathtub rim, g) have a slip-resistant bottom surface, and h) be equipped with a hand-held shower head with not less than 1800 mm of flexible hose that can be used in a fixed position at a height of 1 200 mm and 2030 mm.</p>	<p>3.8.3.18.</p>	<p>Accessible Bathtubs 1) A bathtub required by Sentence 3.8.2.8.(14) shall a) be located in a room with a clear floor space not less than 1 700 mm in diameter, b) be not less than 1 500 mm long, c) have a clear floor space not less than 900 mm wide adjacent to its entire length,</p>

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3.8.3.18.	Assistive Listening Devices (See Note A-3.8.3.18.) 1) Except as provided in Sentence (2), assistive listening systems required by Article 3.8.2.9. shall encompass the entire seating area. 2) If an assistive listening system referred to in Article 3.8.2.9. is an induction loop system, only half the seating area in the room need be encompassed.	3.8.3.19.	Assistive Listening Systems (See Note A-3.8.3.19.) 1) Assistive listening systems required by Sentence 3.8.2.9.(1) shall encompass the entire seating area. 2) Assistive listening systems or adaptive technologies required by Sentence 3.8.2.9.(2) shall provide for the clear communication required for the exchange of information, goods and services.
3.8.3.19.	Counters 1) Counters required by Sentence 3.8.2.11.(1) shall have a) at least one barrier-free section not less than 760 mm long centred over a knee space conforming to Clause (c), b) a surface not more than 865 mm above the floor, and c) except as provided in Sentence (2) and where the counter is intended to be used as a work surface, a knee space underneath it that is i) not less than 760 mm wide, ii) not less than 685 mm high, and iii) not less than 485 mm deep. 2) A counter that is used in a cafeteria, or one that performs a similar function whereat movement takes place parallel to the counter, need not provide a knee space underneath it.	3.8.3.20.	Counters 1) A section of a service counter required to be barrier-free in accordance with Sentence 3.8.2.11.(1) shall a) be not less than 800 mm long centred over a knee space conforming to Clause (c), b) have a surface not more than 865 mm above the floor, and c) where forward-facing interaction with a person or a device is required, have a knee space underneath it that is (see Note A-3.8.3.20.(1)(c)) i) not less than 800 mm wide, ii) not less than 685 mm high, and iii) not less than 485 mm deep.
	Added to 2020 →	3.8.3.21.	Telephones 1) A telephone required to be barrier-free in accordance with Article 3.8.2.12. shall a) be adjacent to and centred on either the length or the width of a clear floor space not less than 1 350 mm by 800 mm, b) where a forward approach is provided, have a knee space underneath it conforming to Clause 3.8.3.20.(1)(c), and c) be located so that its receiver and operable parts are not more than 1 200 mm above the floor. 2) Where provided, shelves or counters for public telephones shall a) be level, (See Note A-3.8.3.21.(2).)
	Added to 2020 →	3.8.3.22.	Spaces in Seating Area 1) Spaces designated for wheelchair use in assembly occupancies as required by Sentence 3.8.2.3.(3) shall conform to the following: a) at least one designated space shall be clear and level for each increment of 200 seats and the remaining designated spaces shall be level and have removable seats, b) they shall be not less than 900 mm wide and 1 700 mm long to permit a wheelchair to enter from a side approach and 1 350 mm long where the wheelchair enters from the front or rear of the space, c) they shall be arranged so that ii) at least one fixed seat is located beside each designated space,

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			<p>(See Note A-3.8.2.3.(5) and (6) and 3.8.3.22.(1) and (4).)</p> <p>2) Spaces designated for wheelchair use in waiting rooms or areas as required by Sentence 3.8.2.3.(4) shall</p> <ul style="list-style-type: none"> a) be clear and level, and b) comply with Clauses (1)(b) and (d). <p>3) Adaptable seats required by Sentence 3.8.2.3.(5) shall</p> <ul style="list-style-type: none"> a) be located adjoining an aisle without infringing on egress from any row of seating or any aisle requirements, b) be equipped with a movable or removable armrest on the side of the seat adjoining the aisle, and c) be situated, as part of the designated seating plan, to provide a choice of viewing location and a clear view of the event taking place. <p>4) Storage spaces for mobility aids shall be provided in a location</p> <ul style="list-style-type: none"> a) that is on the same level as and in proximity to the adaptable seats required by Sentence 3.8.2.3.(5), b) that is within the room side of the fire separation required by Article 3.3.2.2., and c) where they will not infringe on egress. (See Notes A-3.8.3.22.(4) and A-3.8.2.3.(5) and (6) and 3.8.3.22.(1) and (4).)
		<p>The following article is added after Article 3.8.3.22. of Division B:</p>	<p>“3.8.3.23. Residential Occupancies</p> <ul style="list-style-type: none"> (1) Except as provided in this Article, accessible <i>suites</i> within a residential occupancy shall conform to the applicable requirements of this Article. (2) An Accessible washroom shall conform with Article 3.8.3.13. (3) An Accessible bathtub shall conform with Article 3.8.3.18. (4) An Accessible shower shall conform with Sentence 3.8.3.17.(1). (5) An Accessible kitchen shall have: <ul style="list-style-type: none"> (a) A clearance of not less than 1 700 mm between counter and all opposing base cabinets countertops, appliance, or walls and (b) A clear turning circle of not less than 1 700 mm in diameter below countertop height. (6) An accessible sleeping room shall have a clear of nor less than 1 700 mm in diameter on one side of the bed.

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			<ul style="list-style-type: none"> (7) An accessible balcony shall be barrier-free and shall conform to the design requirements of Sentence 3.3.1.7(4). (8) Kitchen sinks, laundry sinks and other types of sinks shall have controls in conformance with Clause 3.8.3.8.(1)(b). (9) An accessible door must conform with Article 3.8.3.6. (10) A barrier-free path of travel with a <i>suite</i> must conform with Article "3.8.3.2".
3.10.1.1.	Objectives and Functional Statements Attributions to Acceptable Solutions	3.10.1.1.	Objectives and Functional Statements Attributions to Acceptable Solutions

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(4)	[F03-OS1.2] [F03-OP1.2]
3.1.8.4. Determination of Ratings and Classifications	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
3.1.8.5. Installation of Closures	
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F81-OS1.2] [F81-OP1.2]
(5)	[F81-OS1.2] [F81-OP1.2]
(6)	[F03-OS1.2] [F03-OP1.2]
(7)	[F03-OS1.2] [F03-OP1.2]
3.1.8.6. Maximum Openings	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
3.1.8.7. Location of Fire Dampers and Smoke Dampers	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
3.1.8.10. Installation of Fire Dampers	
(1)	[F04-OS1.2] [F04-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(5)	[F82-OS1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for the inspection of the damper ..." [F82-OP1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for the inspection of the damper ..." [F82-OH1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for ... the resetting of the release device."
3.1.8.11. Installation of Smoke Dampers	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
(5)	[F82-OS1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each smoke damper to provide access for the inspection of the damper ..." [F82-OH1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each smoke damper to provide access for the inspection of the damper ..." [F82-OP1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for the ... resetting of the release device."
3.1.8.12. Twenty-Minute Closures	
(3)	[F03-OS1.2] [F03-OP1.2]
3.1.8.13. Self-closing Devices	
(1)	[F03-OS1.2] [F03-OP1.2]
3.1.8.14. Hold-Open Devices	
(1)	[F03-OS1.2]
(2)	[F03-OS1.2]
(3)	[F03-OS1.2]
(4)	[F03-OS1.2]
(5)	[F03-OS1.2]
(6)	[F03-OS1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(2)	[F03-OS1.2] [F03-OP1.2]
3.1.8.10. Installation of Fire Dampers	
(1)	[F04-OS1.2] [F04-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
(5)	[F82-OS1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for the inspection of the damper ..." [F82-OP1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for the inspection of the damper ..." [F82-OH1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each fire damper to provide access for ... the resetting of the release device."
3.1.8.11. Installation of Smoke Dampers	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
(5)	[F82-OS1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each smoke damper ... to provide access for ... inspection ..." [F82-OH1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each smoke damper ... to provide access for ... inspection ..." [F82-OP1.2] Applies to portion of Code text: "A tightly fitted access door shall be installed for each ... fire damper to provide access for ... the resetting of the release device."
3.1.8.12. Twenty-Minute Closures	
(3)	[F03-OS1.2] [F03-OP1.2]
3.1.8.13. Self-closing Devices	
(1)	[F03-OS1.2] [F03-OP1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.1.8.14. Hold-Open Devices	
(1)	[F03-OS1.2]
(2)	[F03-OS1.2]
(3)	[F03-OS1.2]
(4)	[F03-OS1.2]
(5)	[F03-OS1.2]
3.1.8.15. Door Latches	
(1)	[F03-OS1.2] [F03-OP1.2]
3.1.8.16. Wired Glass and Glass Block	
(3)	[F04-OS1.2] Applies to portion of Code text: "Glass blocks permitted by Sentence (1) shall be ... reinforced with steel reinforcement in each horizontal joint." [F04-OP1.2] Applies to portion of Code text: "Glass blocks permitted by Sentence (1) shall be ... reinforced with steel reinforcement in each horizontal joint."
3.1.8.17. Temperature Rise Limit for Doors	
(1)	[F03.F31-OS1.2] [F05-OS1.5] [F03-OP1.2]
3.1.8.18. Area Limits for Wired Glass, Glass Block and Safety Glazing	
(1)	[F05-OS1.5] [F31-OS1.2] [F30-OS3.1]
(2)	[F05-OS1.5] [F31-OS1.2]
3.1.9.1. Firestops	
(1)	[F03-OS1.2] [F04-OS1.3] [F03-OP1.2] [F04-OP1.3]
(2)	[F03-OS1.2] [F03-OP3.1] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(6)	[F03-OS1.2]
(7)	[F03-OS1.2] [F03-OP1.2]
3.1.9.3. Penetration by Outlet Boxes	
(1)	[F03-OS1.2] [F03-OP1.2]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(2)	[F13-OS1.5,OS1.2] [F13-OP1.2]
(3)	[F13-OS1.5,OS1.2] [F13-OP1.2]
(4)	[F81,F13-OS1.5,OS1.2] [F81,F13-OP1.2]
(5)	[F13-OS1.5,OS1.2] [F13-OP1.2]
(6)	[F13-OP1.2] [F13-OS1.2]
3.2.4.8. Annunciator and Zone Indication	
(1)	[F12-OS1.5,OS1.2]
(2)	[F12-OS1.5,OS1.2]
(4)	[F12-OS1.2,OS1.5]
(7)	[F12-OS1.5,OS1.2]
3.2.4.9. Electrical Supervision	
(1)	[F82-OS1.5,OS1.2]
(2)	[F82-OS1.2] [F82-OP1.2]
(3)	(a),(d),(e),(f),(g) [F82-OS1.2] (a),(d),(e),(f),(g) [F82-OP1.2] (b),(c) [F82-OS1.5]
(4)	[F81-OP1.2] [F82-OS1.2]
(5)	[F82-OS1.2] [F82-OP1.2]
3.2.4.10. Fire Detectors	
(1)	[F11-OS1.5]
(2)	[F11-OS1.5]
(3)	[F02-OS1.2] [F11-OS1.5]
(4)	[F11-OS1.5]
3.2.4.11. Smoke Detectors	
(1)	[F11-OS1.5]
(3)	[F12-OS1.5]
(4)	[F10-OS1.5]
(5)	[F11-OS1.5]
(7)	[F11-OS1.4,OS1.5]
3.2.4.12. Prevention of Smoke Circulation	
(1)	[F03-OS1.2]
3.2.4.13. Vacuum Cleaning System Shutdown	
(1)	[F03-OS1.2]
3.2.4.14. Elevator Emergency Return	
(1)	[F10-OS1.5]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(2)	[F11-OS1.5]
(3)	[F02-OS1.2]
3.2.4.15. System Monitoring	
(1)	[F11-OS1.5] [F12-OS1.5,OS1.2] [F12-OP1.2]
(2)	[F11-OS1.5] [F13-OS1.5,OS1.2] [F13-OP1.2]
(3)	[F12-OS1.2,OS1.5] [F12-OP1.2]
3.2.4.16. Manual Stations	
(1)	[F11-OS1.5]
(2)	[F02-OS1.2] [F12-OS1.2,OS1.5] [F10-OS1.5]
(3)	[F02-OS1.2] [F12-OS1.2,OS1.5] [F10-OS1.5]
(4)	[F11-OS1.5]
(5)	[F11-OS1.5]
3.2.4.17. Alert and Alarm Signals	
(2)	[F11-OS1.5]
(3)	[F11-OS1.5]
3.2.4.18. Audibility of Alarm Systems	
(1)	[F11-OS1.5]
(2)	[F11-OS1.5]
(3)	[F11-OS1.5]
(4)	[F33-OS3.5]
(5)	[F11-OS1.5]
(6)	[F11-OS1.5]
(7)	[F11,F81-OS1.5]
(8)	[F11,F81-OS1.5]
(9)	[F11,F81-OS1.5]
(10)	[F11-OS1.5]
(12)	[F11-OS1.5]
3.2.4.19. Visual Signals	
(1)	[F11-OS1.5]
(2)	[F11-OS1.5]
3.2.4.20. Smoke Alarms	
(2)	[F81,F11-OS1.5]
(3)	[F11-OS1.5]
(4)	[F11-OS1.5]
(5)	[F11-OS1.5]
(6)	[F11-OS1.5]
(7)	[F11,F81-OS1.5]
(8)	[F11,F81-OS1.5]
(8)	[F11,F81-OS1.5]
(10)	[F11-OS1.5]
(11)	[F81,F11-OS1.5]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(11)	[F11-OS1.5]
(13)	[F11-OS1.5]
3.2.4.19. Visible Signals	
(1)	[F11-OS1.5]
(3)	[F11-OS1.5]
3.2.4.20. Smoke Alarms	
(2)	[F81,F11-OS1.5]
(3)	[F11-OS1.5]
(4)	[F11-OS1.5]
(5)	[F11-OS1.5]
(6)	[F11-OS1.5]
(7)	[F11-OS1.5]
(8)	[F11-OS1.5]
(9)	[F11,F81-OS1.5]
(10)	[F11,F81-OS1.5]
(12)	[F11-OS1.5]
(13)	[F81,F11-OS1.5]
(14)	[F11,F81-OS1.5]
(16)	[F11-OS1.5]
3.2.4.21. Residential Fire Warning Systems	
(1)	[F11,F81-OS1.5]
3.2.4.22. Voice Communication Systems for High Buildings	
(1)	[F12,F11-OS3.7]
(2)	[F11-OS1.5]
(3)	[F11-OS1.5] [F13-OS1.4,OS1.5]
(4)	[F11-OS1.5]
(5)	[F12-OS3.7]
(6)	[F11-OS1.5]
(7)	[F11-OS1.5]
3.2.4.23. One-Way Voice Communication Systems	
(1)	[F11-OS1.5]
(2)	[F11-OS1.5]
(3)	[F11-OS1.5]
3.2.5.1. Access to Above-Grade Storeys	
(1)	[F12-OS1.5,OS1.2] [F12-OP1.2]
(2)	[F12-OS1.5,OS1.2] [F12-OP1.2]
(3)	[F12-OS1.5,OS1.2] [F12-OP1.2]
3.2.5.2. Access to Basements	
(1)	[F12-OS1.5,OS1.2] [F12-OP1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(2)	[F12-OS1.5,OS1.2] [F12-OP1.2]
3.2.5.3. Roof Access	
(1)	[F12-OS1.2] [F12-OP1.2]
3.2.5.4. Access Routes	
(1)	[F12-OS1.5,OS1.2] [F12-OP1.2]
3.2.5.5. Location of Access Routes	
(1)	[F12-OS1.5,OS1.2] [F06-OS1.1] [F12-OP1.2]
(2)	[F12-OS1.2] [F12-OP1.2]
(4)	[F12-OS1.2] [F12-OP1.2]
3.2.5.6. Access Route Design	
(1)	[F12-OS1.2] [F12-OP1.2]
(2)	[F02,F12-OS1.2] [F02,F12,F03-OP1.2] [F02,F12,F03-OP3.1]
3.2.5.7. Water Supply	
(1)	[F02-OS1.2] [F02-OP1.2] [F02-OP3.1]
3.2.5.8. Standpipe Systems	
(1)	[F02-OS1.2] [F02-OP1.2]
3.2.5.9. Standpipe System Design	
(1)	[F02-OS1.2] [F02-OP1.2]
(2)	[F12-OS1.2] [F12-OP1.2]
(4)	[F02-OS1.2] [F02-OP1.2]
(5)	[F12-OS1.2] [F12-OP1.2]
3.2.5.10. Hose Connections	
(1)	[F03-OS1.2] [F06,F06-OS1.5,OS1.2] [F03,F06-OP1.2]
(3)	[F12-OS1.2] [F12-OP1.2]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.2.8.1. Application	
(1)	[F03,F06-OS1.2] [F05-OS1.5] [F03,F06-OP1.2]
3.2.8.2. Exceptions to Special Protection	
(3)	[F03-OS1.2] [F03-OP1.2]
(5)	[F02,F03-OS1.2] [F02,F03-OP1.2]
3.2.8.3. Sprinklers	
(1)	[F02-OS1.2] [F02-OP1.2]
3.2.8.4. Vestibules	
(1)	[F06-OS1.2] [F05-OS1.5] [F06,F03-OP1.2]
3.2.8.5. Protected Floor Space	
(1)	[F05-OS1.2] [F06-OS1.5]
3.2.8.6. Draft Stops	
(1)	[F02-OS1.2] [F11-OS1.5] [F13-OS1.5,OS1.2] [F02,F13-OP1.2]
3.2.8.7. Mechanical Exhaust System	
(1)	[F03-OS1.5,OS1.2] [F03-OP1.2]
(2)	[F12-OS1.5,OS1.2] [F12-OP1.2]
3.2.8.8. Combustible Content Limits	
(1)	[F02-OS1.2] [F02-OP1.2]
3.2.9.1. Testing	
(1)	[F02,F81,F82-OS1.2,OS1.5] [F02,F81,F82-OP1.2]
3.3.1.1. Separation of Suites	
(1)	[F03-OS1.2] [F03-OP1.2]
(3)	[F02-OS1.2] [F02-OP1.2]
3.3.1.2. Hazardous Substances, Equipment and Processes	
(1)	[F01,F02,F03-OS1.1,OS1.2] [F01,F02,F03-OP1.1,OP1.2] [F43-OS3.4]
(3)	[F43-OS3.7] [F05-OS1.5]
3.3.1.3. Means of Egress	
(3)	[F10-OS3.7]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(4)	[F10,F12,F05,F06-OS3.7]
(5)	[F10,F12-OS3.7]
(6)	[F10,F12,F05,F06-OS3.7]
(7)	[F10,F12,F05,F06-OS3.7]
(8)	[F05-OS1.5]
(9)	[F10,F12,F05,F06-OS3.7]
3.3.1.4. Public Corridor Separations	
(1)	[F03,F05-OS1.5] [F06-OS1.5,OS1.2] [F03,F06-OP1.2]
(2)	[F03,F05-OS1.5] [F06-OS1.5,OS1.2] [F03,F06-OP1.2]
(3)	[F03,F05-OS1.5] [F06-OS1.2,OS1.5] [F03,F06-OP1.2]
(4)	(a),(b) [F03,F05,F10-OS1.5] [F06,F12-OS1.2,OS1.5] (c) [F03,F05-OS1.5] [F03,F06-OS1.5,OS1.2] (a),(b) [F03,F06,F12-OP1.2] (c) [F03,F06-OP1.2]
3.3.1.5. Egress Doorways	
(1)	[F10,F05-OS1.5]
(2)	[F05,F10-OS1.5]
3.3.1.6. Travel Distance	
(1)	[F10-OS1.5]
3.3.1.7. Protection on Floor Areas with a Barrier-Free Path of Travel	
(1)	[F10,F05-OS1.5] (a) [F06-OS1.5]
(2)	[F03-OS1.2] [F06-OS1.5]
(4)	(a) [F10,F73-OS1.5] (b),(c) [F10-OS1.5]
3.3.1.9. Corridors	
(1)	[F10,F12-OS3.7]
(2)	[F10,F12-OS3.7]
(3)	[F30,F73-OS3.1]
(5)	[F10,F12-OS3.7]
(6)	(a) [F10,F12-OS3.7] (b) [F05-OS1.5] [F06-OS1.5,OS1.2]
3.3.1.11. Door Swing	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
3.3.1.12. Sliding Doors	
(1)	(a),(b) [F10,F12-OS3.7] [F30-OS3.1] (c) [F10-OS3.7] [F30-OS3.1] (d) [F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
(5)	[F10-OS3.7] [F73-OS1.1]
(8)	[F12-OS3.7]
(9)	[F12-OS3.7]
(10)	[F12-OS3.7]
3.3.1.16. Tapered Treads in a Curved Flight	
(2)	[F30-OS3.1] [F10-OS3.7]
(3)	[F30-OS3.1] [F10-OS3.7]
(4)	[F30-OS3.1] [F10-OS3.7]
3.3.1.17. Capacity of Access to Exits	
(2)	[F10-OS3.7]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(2)	[F05,F10-OS1.5]
3.3.1.6. Travel Distance	
(1)	[F10-OS1.5]
3.3.1.7. Protection on Floor Areas with a Barrier-Free Path of Travel	
(1)	[F10,F05-OS1.5] (a) [F06-OS1.5]
(2)	[F03-OS1.2] [F06-OS1.5]
(4)	(a) [F10,F73-OS1.5] (b),(c) [F10-OS1.5]
3.3.1.8. Headroom and Protruding Objects	
(2)	[F30,F73-OS3.1]
3.3.1.9. Corridors	
(1)	[F10,F12-OS3.7]
(2)	[F10,F12-OS3.7]
(3)	[F10,F12-OS3.7]
(4)	(a) [F10,F12-OS3.7] (b) [F05-OS1.5] [F06-OS1.5,OS1.2]
3.3.1.11. Door Swing	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
3.3.1.12. Sliding Doors	
(1)	(b) [F10-OS3.7]
3.3.1.13. Doors and Door Hardware	
(1)	(a),(b) [F10,F12-OS3.7] [F30-OS3.1] (c) [F10-OS3.7] [F30-OS3.1] (d) [F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
(5)	[F10-OS3.7] [F73-OS1.1]
(8)	[F12-OS3.7]
(9)	[F12-OS3.7]
(10)	[F12-OS3.7]
3.3.1.16. Tapered Treads in a Curved Flight	
(2)	[F30-OS3.1] [F10-OS3.7]
(3)	[F30-OS3.1] [F10-OS3.7]
(4)	[F30-OS3.1] [F10-OS3.7]
3.3.1.17. Capacity of Access to Exits	
(2)	[F10-OS3.7]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
(6)	[F10-OS3.7]
3.3.1.18. Guards	
(1)	[F30-OS3.1]
(2)	[F30-OS3.1]
(3)	[F30-OS3.1]
(4)	[F30-OS3.1]
3.3.1.19. Tactile Walking Surface Indicators	
(1)	[F30-OS3.1]
3.3.1.20. Transparent Doors and Panels	
(1)	[F30-OS3.1] [F10-OS3.7]
(2)	[F30-OS3.1] [F10-OS3.7]
(3)	[F30-OS3.1]
(4)	[F30-OS3.1] [F10-OS3.7]
(6)	[F30-OS3.1] [F10-OS3.7]
(8)	[F30-OS3.1]
3.3.1.21. Exhaust Ventilation and Explosion Venting	
(1)	[F01-OS1.1]
(2)	(a) [F02-OS1.2] (a) [F02-OP1.2]
(3)	[F02-OS1.3] Applies to the requirement for explosion-relief devices and vents. [F02-OP1.3] Applies to the requirement for explosion-relief devices and vents.
3.3.1.22. Janitors' Rooms	
(1)	[F03-OS1.2] [F03-OP1.2]
(3)	[F02-OS1.2] [F02-OP1.2]
3.3.1.23. Common Laundry Rooms	
(1)	[F03-OS1.2] [F03-OP1.2]
(3)	[F02-OS1.2] [F02-OP1.2]
3.3.1.24. Obstructions	
(1)	[F10-OS3.7]
3.3.1.25. Signs in Service Spaces	
(1)	[F10-OS3.7]
3.3.1.26. Welding and Cutting	
(1)	[F03,F02-OS1.2] [F03,F02-OP1.2]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(13)	[F30-OS3.1] [F10-OS3.7]
(15)	[F30-OS3.1] [F10-OS3.7]
3.4.6.6. Guards	
(1)	[F30-OS3.1] [F10-OS3.7]
(2)	[F30-OS3.1] [F10-OS3.7]
(4)	[F30-OS3.1] [F10-OS3.7]
(5)	[F30-OS3.1]
(6)	[F30-OS3.1]
(7)	[F30-OS3.1]
3.4.6.7. Ramp Slope	
(1)	[F10-OS3.7] [F30-OS3.1]
3.4.6.8. Treads and Risers	
(1)	[F10-OS3.7] [F30-OS3.1]
(2)	[F10-OS3.7] [F30-OS3.1]
(3)	[F10-OS3.7] [F30-OS3.1] [F73-OA1]
(4)	[F10-OS3.7] [F30-OS3.1]
(5)	[F30-OS3.1] [F10-OS3.7]
(6)	[F30-OS3.1] [F10-OS3.7]
(7)	[F30-OS3.1] [F10-OS3.7]
(8)	[F30-OS3.1]
(9)	[F10-OS3.7] [F30-OS3.1]
(10)	[F30-OS3.1]
3.4.6.9. Curved Flights in Exits	
(1)	[F10-OS3.7] [F30-OS3.1]
(2)	[F10-OS3.7] [F30-OS3.1]
(3)	[F30-OS3.1] [F10-OS3.7]
(4)	[F30-OS3.1] [F10-OS3.7]
3.4.6.10. Horizontal Exits	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(4)	[F10,F73-OS3.7]
(5)	[F10-OS3.7]
3.4.6.11. Doors	
(1)	[F30-OS3.1] [F10-OS3.7]
(2)	[F30-OS3.1] [F10-OS3.7]
(3)	[F30-OS3.1] [F10-OS3.7] Applies to portion of Code text: "No exit door shall open directly onto a step ..." [F81,F10-OS3.7] Applies where there is a danger of blockage from ice or snow.
(4)	[F10-OS3.7]
(5)	[F10,F12-OS3.7]
(6)	[F10-OS3.7]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.4.6.12. Direction of Door Swing	
(1)	[F10-OS3.7]
3.4.6.13. Self-closing Devices	
(1)	[F05-OS1.5] [F06-OS1.5,OS1.2] [F06,F03-OP1.2]
3.4.6.14. Sliding Doors	
(2)	[F12-OS3.7]
3.4.6.15. Revolving Doors	
(1)	(a) [F30-OS3.1] [F10-OS3.7] (b) [F10,F12-OS3.7] (c) [F10-OS3.7] (d) [F30-OS3.1] [F10-OS3.7] (e) [F20-OS3.1]
(2)	[F10-OS3.7]
(3)	(a),(b),(d),(e) [F10,F81-OS3.7] [F20,F30-OS3.1]
3.4.6.16. Door Release Hardware	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10,F81-OS3.7]
(5)	[F10,F81-OS3.7]
(6)	[F10-OS3.7] [F73-OA1]
3.4.6.17. Security for Banks and Mercantile Floor Areas	
(1)	[F02-OS1.2] Applies to sprinklered buildings. [F10,F81-OS3.7] Applies to exit and egress doors that comply with the stated Sentences.
(2)	[F10-OS3.7]
(3)	[F81-OS3.7]
(5)	[F10-OS1.5]
(6)	[F10-OS3.7]
(9)	[F10,F81-OS3.7]
3.4.6.18. Emergency Crossover Access to Floor Areas	
(1)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10,F12-OS3.7] [F73-OA1] [F12-OP1.2] [F12-OS1.2]
(5)	[F10-OS3.7]
(9)	[F10,F81-OS3.7]
3.4.6.19. Floor Numbering and Identification of Stair Shafts	
(1)	[F10,F12,F73-OS3.7] [F73-OA1] [F12-OP1.2] [F12-OS1.2]
(2)	[F10,F12,F73-OS3.7] [F12-OP1.2] [F12-OS1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.4.6.15. Revolving Doors	
(1)	(a) [F30-OS3.1] [F10-OS3.7] (b) [F10,F12-OS3.7] (c) [F10-OS3.7] (d) [F30-OS3.1] [F10-OS3.7] (e) [F20-OS3.1]
(2)	[F10-OS3.7]
(3)	(a),(b),(d),(e) [F10,F81-OS3.7] [F20,F30-OS3.1]
3.4.6.16. Door Release Hardware	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7]
(5)	[F10,F81-OS3.7]
(6)	[F10,F81-OS3.7]
(7)	[F10-OS3.7] [F73-OA1]
3.4.6.17. Security for Banks and Mercantile Floor Areas	
(1)	[F02-OS1.2] Applies to sprinklered buildings. [F10,F81-OS3.7] Applies to exit and egress doors that comply with the stated Sentences.
(2)	[F10-OS3.7]
(3)	[F81-OS3.7]
(5)	[F10-OS1.5]
(6)	[F10-OS3.7]
(9)	[F10,F81-OS3.7]
3.4.6.18. Emergency Crossover Access to Floor Areas	
(1)	[F10-OS3.7]
(3)	[F10-OS3.7]
(4)	[F10-OS3.7] [F12-OS3.7] [F12-OP1.2] [F12-OS1.2,OS1.5]
(5)	[F10-OS3.7]
3.4.6.19. Floor Numbering and Identification of Stair Shafts	
(1)	[F10,F12,F73-OS3.7] [F73-OA1] [F12-OP1.2] [F12-OS1.2]
(2)	[F10,F12,F73-OS3.7] [F12-OP1.2] [F12-OS1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.4.7.1. Scope	
(1)	[F10,F12-OS3.7]
(2)	[F10-OS3.7] [F30-OS3.1] [F10-OS1.5] [F12-OS1.2]
3.4.7.2. Fire Escape Construction	
(1)	[F05-OS1.5] [F06-OS1.2] Applies to the combustibility of materials used in the construction of fire escapes. [F10,F12-OS3.7] [F20-OS3.1] Applies to the type and construction of fire escapes. [F20-OS2.1] Applies to the type and construction of fire escapes.
3.4.7.3. Access to Fire Escapes	
(1)	[F10-OS3.7] Applies to portion of Code text: "Access to fire escapes shall be from corridors through doors at floor level ..."
(2)	[F30-OS3.1] [F10-OS3.7]
3.4.7.4. Protection of Fire Escapes	
(1)	[F05,F06-OS1.5]
3.4.7.5. Stairs	
(1)	[F10-OS3.7]
(2)	[F10-OS3.7]
(3)	[F10-OS3.7] Applies to the reduction in width permitted under certain conditions.
(4)	[F10-OS3.7] [F30-OS3.1]
3.4.7.6. Guards and Railings	
(1)	[F10-OS3.7] [F30-OS3.1]
(2)	[F10-OS3.7] [F30-OS3.1]
(3)	[F10-OS3.7] [F30-OS3.1]
(4)	[F30-OS3.1]
(5)	[F30-OS3.1]
3.5.2.1. Elevators, Escalators and Dumbwaiters	
(1)	[F30,F81-OS3.1] [F32,F81-OS3.3] [F36,F81-OS3.6]
(2)	[F82-OS3.1,OS3.3,OS3.6]
(3)	[F73-OA1]
3.5.3.1. Fire Separations for Elevator Hoistways	
(1)	[F03-OS1.2] [F03-OP1.2]
3.5.3.2. Vertical Service Spaces for Dumbwaiters	
(1)	[F03-OS1.2] [F03-OP1.2]
3.5.3.3. Fire Separations for Elevator Machine Rooms	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.6.2.5. Combustible Refuse Storage	
(1)	[F03-OS1.2] [F03-OP1.2]
3.6.2.6. Door Swing for Service Rooms	
(1)	[F10-OS1.5] Applies to portion of Code text: "A swing-type door from a service room containing a boiler or incinerator shall swing outward from the room ..." [F30-OS3.1] Applies to portion of Code text: "A swing-type door from a service room containing a boiler or incinerator shall swing ... inward if the door opens onto a corridor or any room used for an assembly occupancy."
3.6.2.7. Electrical Equipment Vaults	
(2)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(3)	[F02-OS1.2] [F11-OS1.5] [F03-OS1.4] [F02-OP1.2] [F03-OP1.4]
(4)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(6)	[F81-OS1.1]
(7)	[F03-OS1.2]
(8)	[F44-OS1.1] [F03-OS1.2]
(9)	[F34-OS1.1] [F34-OS3.3] [F34-OP1.1]
3.6.2.8. Emergency Power Installations	
(1)	[F03-OS1.2,OS1.4] [F06-OS1.2,OS1.5] [F03-OP1.2,OP1.4] [F06-OP1.2]
3.6.3.1. Fire Separations for Vertical Service Spaces	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
(5)	[F03-OS1.2] [F03-OP1.2]
3.6.3.2. Foamed Plastic Protection	
(1)	[F02-OS1.2]
3.6.3.3. Linen and Refuse Chutes	
(1)	(d),(e) [F02-OS1.2] (a),(b),(c) [F41-OH2.4,OH2.5]
(2)	[F03-OS1.2] [F03-OP1.2]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(3)	[F03-OS1.2]
(4)	(b) [F03-OS1.2] (a) [F41-OH2.4,OH2.5]
(5)	(a) [F81,F03-OS1.2] (a) [F81,F41-OH2.4,OH2.5] (a) [F81,F03-OP1.2] (b) [F03-OS1.2] (b) [F03-OP1.2] (c) [F01,F02-OS1.2] (c) [F01,F02-OP1.2] (d) [F05-OS1.5] [F06-OS1.5,OS1.2] (d) [F06-OP1.2]
(6)	[F02-OS1.2] [F02-OP1.2]
(7)	[F03-OS1.2] [F03-OP1.2]
(8)	[F02-OS1.2] [F41-OH2.4,OH2.5]
(9)	[F03-OS1.2] [F03-OP1.2]
(10)	[F81,F03-OS1.2] Applies to portion of Code text: "The room or bin into which a refuse chute discharges shall be of sufficient size to contain the refuse between normal intervals of emptying ..." [F81,F41-OH2.4,OH2.5] Applies to portion of Code text: "The room or bin into which a refuse chute discharges shall be of sufficient size to contain the refuse between normal intervals of emptying ..." [F41-OH2.4,OH2.5] Applies to portion of Code text: "The room or bin into which a refuse chute discharges shall be ... impervious to moisture and be equipped with a water connection and floor drain for washing-down purposes."
(11)	[F01,F02-OS1.2]
3.6.3.4. Exhaust Duct Negative Pressure	
(1)	[F03-OS1.2]
3.6.3.5. Grease Duct Enclosures	
(1)	[F02,F03-OS1.2] [F02,F03-OP1.2]
(2)	[F02,F03-OS1.2] [F02,F03-OP1.2]
3.6.4.2. Fire Separations for Horizontal Service Spaces	
(2)	[F03-OS1.2] [F03-OP1.2]
3.6.4.3. Plenum Requirements	
(1)	[F02-OS1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.5.4.1. Elevator Car Dimensions	
(1)	[F12-OS3.7]
(3)	[F12-OS3.7]
3.5.4.2. Floor Numbering	
(1)	[F73-OA1]
3.6.1.2. Electrical Wiring and Equipment	
(1)	[F01-OS1.1] [F02,F03-OS1.2] [F81-OS1.4] [F01-OP1.1] [F02,F03-OP1.2] [F81-OP1.4] [F32-OS3.3]
3.6.1.3. Lightning Protection Systems	
(1)	[F01,F81-OS1.1] [F01,F81-OP1.1]
3.6.1.4. Storage Use Prohibition	
(1)	[F01-OS1.1] [F02-OS1.2]
3.6.1.5. Appliances Installed outside a Building	
(1)	[F03-OS1.2] (b) [F03-OP1.2] (a) [F03-OP3.1]
3.6.2.1. Fire Separations around Service Rooms	
(1)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(3)	[F01-OS1.1] [F03-OS1.2] [F01-OP1.1] [F03-OP1.2]
(4)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(5)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(6)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(7)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
3.6.2.2. Service Rooms under Exits	
(1)	[F06,F05-OS3.7] [F02-OS1.2]
3.6.2.4. Incinerator Rooms	
(1)	[F02-OS1.2]
3.6.2.5. Storage of Combustible Refuse and Recycling	
(1)	[F03-OS1.2] [F03-OP1.2]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.6.2.6. Door Swing for Service Rooms	
(1)	[F10-OS1.5] Applies to portion of Code text: "A swing-type door from a service room containing a boiler or incinerator shall swing outward from the room ..." [F30-OS3.1] Applies to portion of Code text: "A swing-type door from a service room containing a boiler or incinerator shall swing ... inward if the door opens onto a corridor or any room used for an assembly occupancy."
3.6.2.7. Electrical Equipment Vaults	
(2)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(3)	[F02-OS1.2] [F11-OS1.5] [F03-OS1.4] [F02-OP1.2] [F03-OP1.4]
(4)	[F03-OS1.2,OS1.4] [F03-OP1.2,OP1.4]
(6)	[F81-OS1.1]
(7)	[F03-OS1.2]
(8)	[F44-OS1.1] [F03-OS1.2]
(9)	[F34-OS1.1] [F34-OS3.3] [F34-OP1.1]
3.6.2.8. Emergency Power Installations	
(1)	[F03-OS1.2,OS1.4] [F06-OS1.2,OS1.5] [F03-OP1.2,OP1.4] [F06-OP1.2]
3.6.3.1. Fire Separations for Vertical Service Spaces	
(1)	[F03-OS1.2] [F03-OP1.2]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2] [F03-OP1.2]
(4)	[F03-OS1.2] [F03-OP1.2]
(5)	[F03-OS1.2] [F03-OP1.2]
3.6.3.2. Foamed Plastic Protection	
(1)	[F02-OS1.2]
3.6.3.3. Linen and Refuse Chutes	
(1)	(d),(e) [F02-OS1.2] (a),(b),(c) [F41-OH2.4,OH2.5]
(2)	[F03-OS1.2] [F03-OP1.2]
(3)	[F03-OS1.2]
(4)	(b) [F03-OS1.2] (a) [F41-OH2.4,OH2.5]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(2)	[F03-OS1.2,OS1.3] [F03-OP1.2,OP1.3]
3.6.4.4. Attic or Roof Space Access	
(1)	[F01,F02,F12-OS1.2] [F01,F02,F12-OP1.2]
3.6.4.5. Horizontal Service Space Access	
(1)	[F01,F02,F12-OS1.2] [F01,F02,F12-OP1.2]
3.6.4.6. Crawl Space Access	
(1)	[F01,F02,F12-OS1.2] [F01,F02,F12-OP1.2]
3.6.5.1. Duct Materials	
(1)	[F01,F02-OS1.2]
(2)	[F02-OS1.2]
(4)	[F02-OS1.2]
(5)	[F02-OS1.2]
3.6.5.2. Vibration Isolation Connectors	
(1)	[F01,F02-OS1.2]
(2)	[F02-OS1.2]
3.6.5.3. Tape	
(1)	[F02-OS1.2]
3.6.5.4. Coverings, Linings, Adhesives and Insulation	
(1)	[F02-OS1.2]
(2)	[F02-OS1.2]
(3)	[F02-OS1.2]
(4)	[F02-OS1.2]
(5)	[F02-OS1.2]
(6)	[F02-OS1.2]
(7)	[F01,F02-OS1.2]
3.6.5.5. Insulation and Coverings	
(1)	[F01,F02-OS1.2]
(2)	[F02-OS1.2]
(3)	[F02-OS1.2]
(4)	[F02-OS1.2]
3.6.5.6. Clearance of Ducts and Plenums	
(2)	[F01-OS1.2]
(3)	[F01-OS1.2]
(4)	[F01-OS1.2]
(5)	[F01-OS1.2]
3.6.5.7. Supply, Return, Intake and Exhaust-Air Openings	
(1)	[F02-OS1.2]
3.6.5.8. Return-Air System	
(1)	[F02-OS1.2]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(2)	[F01,F02-OS1.2]
(3)	[F01,F02-OS1.2]
(4)	[F01,F02-OS1.2]
3.7.1.1. Room and Space Height	
(1)	[F30-OS3.1]
3.7.2.1. Plumbing and Drainage Systems	
(1)	[F72-OH2.1]
(2)	[F72-OH2.1]
3.7.2.2. Water Closets	
(1)	[F72-OH2.1] Applies to portion of Code text: "... water closets shall be provided ..."
(6)	[F72-OH2.1]
(7)	[F72-OH2.1]
(8)	[F72-OH2.1]
(9)	[F72-OH2.1]
(10)	[F72-OH2.1]
(11)	[F72-OH2.1]
(12)	[F72-OH2.1]
(13)	[F72-OH2.1]
(14)	[F72-OH2.1]
(15)	[F72-OH2.1]
(16)	[F72-OH2.1]
3.7.2.3. Lavatories	
(1)	[F71-OH2.3]
(3)	[F30-OS3.1]
(4)	[F71-OH2.3]
3.7.2.4. Mobile Home Facilities	
(1)	[F72-OH2.1] [F71-OH2.3]
(2)	[F72-OH2.1]
(3)	[F71-OH2.3] Applies to the minimum number of laundry trays or similar facilities, and of bathtubs or showers for each sex.
3.7.2.5. Safety Glass	
(1)	[F20-OS3.1]
3.7.2.6. Surface Protection	
(1)	[F72-OH2.1] [F40-OH2.4]
(2)	[F72-OH2.1] [F40-OH2.4]
3.7.2.7. Floor Drain	
(1)	[F40-OH2.4] [F30-OS3.1]
3.7.2.8. Grab Bars	
(1)	[F20-OS3.1]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(4)	[F01,F02-OS1.2]
3.7.1.1. Room and Space Height	
(1)	[F30-OS3.1]
3.7.2.1. Plumbing and Drainage Systems	
(3)	[F72-OH2.1]
(4)	[F72-OH2.1]
3.7.2.2. Water Closets	
(1)	[F72-OH2.1] Applies to portion of Code text: "... water closets shall be provided ..."
(4)	[F72-OH2.1]
(5)	[F72-OH2.1]
(6)	[F72-OH2.1]
(7)	[F72-OH2.1]
(8)	[F72-OH2.1]
(9)	[F72-OH2.1]
(10)	[F72-OH2.1]
(11)	[F72-OH2.1]
(12)	[F72-OH2.1]
(13)	[F72-OH2.1]
(14)	[F72-OH2.1]
3.7.2.3. Lavatories	
(1)	[F71-OH2.3]
(3)	[F30-OS3.1]
(4)	[F71-OH2.3]
3.7.2.4. Safety Glazing	
(1)	[F20-OS3.1]
3.7.2.5. Surface Protection	
(1)	[F72-OH2.1] [F40-OH2.4]
(2)	[F72-OH2.1] [F40-OH2.4]
3.7.2.6. Floor Drain	
(1)	[F40-OH2.4] [F30-OS3.1]
3.7.2.7. Grab Bars	
(1)	[F20-OS3.1]
3.7.2.8. Bathtubs	
(1)	[F74-OA2] (b) [F31-OS3.2] (d) [F30-OS3.1]
3.7.3.1. Medical Gas Piping	
(1)	[F43,F81,F82-OS3.4] (b) [F01,F02-OS1.1] (b) [F01,F02-OP1.1]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.8.2.2. Entrances	
(1)	[F73-OA1]
(4)	[F73-OA1]
3.8.2.3. Areas Requiring a Barrier-Free Path of Travel	
(1)	[F73-OA1]
(3)	[F74-OA2]
(4)	[F74-OA2]
(5)	[F74-OA2] [F10-OS3.7] Applies to portion of Code text: "... each row of seats served by two aisles shall have one adaptable seat conforming to Subsection 3.8.3. located adjacent to one of the aisles."
(6)	[F74-OA2]
3.8.2.4. Access to Storeys Served by Escalators and Moving Walks	
(1)	[F73-OA1]
(2)	[F73-OA1]
3.8.2.5. Exterior Barrier-Free Paths of Travel to Building Entrances and Exterior Passenger-Loading Zones	
(1)	[F73-OA1]
(2)	[F73-OA1]
3.8.2.7. Power Door Operators	
(1)	[F73-OA1]
3.8.2.8. Plumbing Facilities	
(1)	[F74-OA2] [F72-OH2.1] [F71-OH2.3]
(2)	[F74-OA2] [F72-OH2.1] [F71-OH2.3]
(4)	[F72-OH2.1] [F73-OA1]
(13)	[F74-OA2]
(15)	[F74-OA2]
3.8.2.9. Assistive Listening Systems	
(2)	[F74-OA2]
3.8.2.10. Signs and Indicators	
(1)	[F74-OA2]
(2)	[F74-OA2]
(3)	[F74-OA2]
(4)	[F74-OA2]
3.8.2.11. Counters	
(1)	[F74-OA2]
3.8.2.12. Telephones	
(1)	[F74-OA2]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.7.2.9. Bathtubs	
(1)	[F74-OA2]
	(b) [F31-OS3.2]
	(d) [F30-OS3.1]
3.7.3.1. Medical Gas Piping	
(1)	[F43,F81,F82-OS3.4]
	[F01,F02-OS1.1]
	[F01,F02-OP1.1]
3.8.2.2. Entrances	
(1)	[F73-OA1]
(2)	[F73-OA1]
(5)	[F73-OA1]
3.8.2.3. Areas Requiring a Barrier-Free Path of Travel	
(1)	[F73-OA1]
(3)	[F74-OA2]
3.8.2.4. Access to Storeys Served by Escalators and Moving Walks	
(1)	[F73-OA1]
(2)	[F73-OA1]
3.8.2.5. Access to Parking Areas and Exterior Passenger-Loading Zones	
(1)	[F73-OA1]
(2)	[F73-OA1]
3.8.2.7. Power Door Operators	
(1)	[F73-OA1]
3.8.2.8. Plumbing Facilities	
(1)	[F74-OA2]
	[F72-OH2.1] [F71-OH2.3]
(3)	[F72-OH2.1]
	[F73-OA1]
3.8.2.10. Signs and Indicators	
(1)	[F74-OA2]
(2)	[F74-OA2]
3.8.2.11. Counters and Counters for Telephones	
(1)	[F74-OA2]
(2)	[F74-OA2]
3.8.3.2. Barrier-Free Path of Travel	
(1)	[F73-OA1]
(2)	(a),(b) [F30-OS3.1]
	(a),(b) [F73-OA1]
	(c),(d) [F73-OA1]
	(e),(f) [F73-OA1]
	(e),(f) [F30-OS3.1]
	(c),(d) [F30-OS3.1]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
(4)	[F73-OA1]
3.8.3.3. Exterior Walks	
(1)	(a) [F73-OA1]
	(a) [F30-OS3.1]
	(b) [F73-OA1]
3.8.3.4. Exterior Passenger-Loading Zones	
(1)	(a) [F74-OA2]
	(b) [F73-OA1]
	(c) [F74-OA2]
3.8.3.5. Ramps	
(1)	(b),(e) [F73-OA1]
	(d) [F30-OS3.1]
	(c) [F73-OA1]
	(d) [F73-OA1]
	(b),(e) [F30-OS3.1]
	(c) [F30-OS3.1]
(4)	(a) [F73-OA1]
	(b) and (c) [F30-OS3.1]
(5)	[F30-OS3.1]
3.8.3.6. Doorways and Doors	
(2)	[F73-OA1]
(3)	[F74-OA2]
(4)	[F74-OA2]
	[F10-OS3.7]
(5)	[F74-OA2]
	[F10-OS3.7]
(6)	[F73-OA1]
(7)	[F30,F73-OS3.1]
(8)	[F73-OA1]
(10)	[F30-OS3.1]
	[F73-OA1]
(11)	[F73-OA1]
(12)	[F30-OS3.1]
	[F73-OA1]
(14)	[F73-OA1]
3.8.3.7. Passenger-Elevating Devices	
(1)	[F30-OS3.1] [F10-OS3.7]
3.8.3.8. Controls	
(1)	[F74-OA2]
	[F10-OS3.7]
3.8.3.9. Accessibility Signs	
(1)	[F74-OA2]
	[F73-OA1]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.8.3.2. Barrier-Free Path of Travel	
(1)	[F73-OA1]
(3)	(a),(b) [F30-OS3.1]
	(a),(b) [F73-OA1]
	(c),(d) [F73-OA1]
	(e),(f) [F73-OA1]
	(e),(f) [F30-OS3.1]
	(c),(d) [F30-OS3.1]
(5)	[F73-OA1]
(6)	[F73-OA1]
3.8.3.3. Exterior Walks	
(1)	(a) [F73-OA1]
	(a) [F30-OS3.1]
	(b) [F73-OA1]
	(d) [F30-OS3.1]
3.8.3.4. Exterior Passenger-Loading Zones	
(1)	(a) [F74-OA2]
	(b) [F73-OA1]
	(c) [F74-OA2]
3.8.3.5. Ramps	
(1)	(b),(e) [F73-OA1]
	(d) [F30-OS3.1]
	(c) [F73-OA1]
	(d) [F73-OA1]
	(b),(e) [F30-OS3.1]
	(c) [F30-OS3.1]
(4)	(a) [F73-OA1]
	(b),(c) [F30-OS3.1]
(5)	[F30-OS3.1]
3.8.3.6. Doorways and Doors	
(2)	[F73-OA1]
(3)	[F74-OA2]
	[F30-OS3.1]
(4)	[F74-OA2]
	[F10-OS3.7]
(5)	[F74-OA2]
	[F10-OS3.7]
(6)	[F73-OA1]
(7)	[F30-OS3.1]
(8)	[F73-OA1]
(10)	[F30-OS3.1]
	[F73-OA1]
(11)	[F73-OA1]

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(12)	[F30-OS3.1]
	[F73-OA1]
(14)	[F73-OA1]
(15)	[F73-OA1]
(17)	[F74-OA2]
	[F10-OS3.7]
3.8.3.7. Passenger-Elevating Devices	
(1)	[F73-OA1]
	[F74-OA2]
	[F30-OS3.1] [F10-OS3.7]
3.8.3.8. Controls	
(1)	[F74-OA2]
	[F10-OS3.7]
3.8.3.9. Accessible Signs	
(1)	[F74-OA2]
	[F73-OA1]
(2)	[F74-OA2]
	[F73-OA1]
(3)	[F74-OA2]
	[F73-OA1]
3.8.3.10. Drinking Fountains	
(1)	[F74-OA2]
(2)	[F74-OA2]
3.8.3.11. Water-Bottle Filling Stations	
(1)	[F74-OA2]
(2)	[F74-OA2]
3.8.3.12. Accessible Water-Closet Stalls	
(1)	[F74-OA2]
	[F72-OH2.1]
	(d)(i) [F74-OA2]
	(f),(g) [F30,F20-OS3.1]
	(h) [F30-OS3.1] Applies to portion of Code text: "... be equipped with a coat hook ... projecting not more than 50 mm from the wall ..."
3.8.3.13. Universal Washrooms	
(1)	[F74-OA2]
	(b) [F10-OS3.7]
	(g) [F30-OS3.1] Applies to the requirement for a coat hook.
	(i) [F74-OA2] Applies to the requirement for a shelf.
	[F72-OH2.1] [F71-OH2.3]
	(b) [F74-OA2] Applies to portion of Code text: "... a door ... capable of being locked from the inside ..."
(2)	[F72-OH2.1] [F71-OH2.3]

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Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.8.3.10. Drinking Fountains	
(1)	[F74-OA2]
3.8.3.11. Water-Closet Stalls	
(1)	[F74-OA2]
	[F72-OH2.1]
	(c)(i) [F74-OA2]
	(e) and (f) [F30,F20-OS3.1]
	(g) [F30-OS3.1] Applies to portion of Code text: "... be equipped with a coat hook ... projecting not more than 50 mm from the wall ..."
3.8.3.12. Universal Washrooms	
(1)	[F74-OA2]
	(b) [F10-OS3.7]
	(f) [F30-OS3.1] Applies to the requirement for a coat hook.
	(h) [F74-OA2] Applies to the requirement for a shelf.
	[F72-OH2.1] [F71-OH2.3]
	(b) [F74-OA2] Applies to portion of Code text: "... b) ... a door capable of being locked from the inside ..."
3.8.3.13. Water Closets	
(1)	[F74-OA2]
	[F72-OH2.1]
3.8.3.14. Urinals	
(1)	[F74-OA2]
	(f) [F30-OS3.1]
3.8.3.15. Lavatories and Mirrors	
(1)	[F74-OA2]
	[F71-OH2.3]
	(e) [F31-OS3.2]
(2)	[F74-OA2]
3.8.3.16. Showers	
(1)	[F74-OA2]
	(d),(e) [F30-OS3.1]
	(f) [F30-OS3.1]
	(h) [F31-OS3.2]
(2)	[F74-OA2]
	[F71-OH2.3]
	(a) [F73-OA1]
	(b) [F10-OS3.7]
	(b) [F74-OA2]
	(g) [F74-OA2]
3.8.3.17. Bathtubs	
(1)	[F74-OA2]
3.8.3.18. Assistive Listening Devices	
(1)	[F74-OA2]
	[F11-OS3.7]
3.8.3.19. Counters	
(1)	[F74-OA2]
3.8.3.20. Shelves or Counters for Telephones	
(1)	[F74-OA2]
(2)	[F74-OA2]

Table 3.10.1.1. (Continued)

Functional Statements and Objectives ⁽¹⁾	
3.8.3.21. Spaces in Seating Area	
(1)	[F74-OA2] Applies to entire Sentence except for portion of Code text: "... without infringing on egress from any row of seating or any aisle requirements ..."
	[F30-OS3.1] Applies to portion of Code text: "... level, or level with removable seats ..."
	(d) [F10-OS3.7]
3.9.2.2. Spatial Separation	
(2)	[F12-OP3.1]
(3)	[F12-OP3.1]
3.9.3.1. Safety Requirements Within Floor Areas	
(2)	[F02-OS1.2]
(3)	[F03-OS1.2]
	[F03-OP1.2]
(6)	[F02-OP1.2]
3.9.3.2. Sanitary Facilities	
(1)	[F72-OH2.1]
	[F71-OH2.3]

Notes to Table 3.10.1.1.:
⁽¹⁾ See Parts 2 and 3 of Division A.

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
3.8.3.14. Water Closets	
(1)	[F74-OA2]
	[F72-OH2.1]
3.8.3.15. Water-Closet Stalls and Urinals for Persons with Limited Mobility	
(1)	[F74-OA2]
	(d) [F30-OS3.1]
(2)	[F74-OA2]
	(f) [F30-OS3.1]
3.8.3.16. Lavatories and Mirrors	
(1)	[F74-OA2]
	[F71-OH2.3]
	(f) [F31-OS3.2]
(2)	[F74-OA2]
3.8.3.17. Showers	
(1)	[F74-OA2]
	(d),(e) [F30-OS3.1]
	(f) [F30-OS3.1]
	(h) [F31-OS3.2]
(2)	[F74-OA2]
	[F71-OH2.3]
	(a) [F73-OA1]
	(b) [F10-OS3.7]
	(b) [F74-OA2]
	(g) [F74-OA2]
3.8.3.18. Accessible Bathtubs	
(1)	[F74-OA2]
3.8.3.19. Assistive Listening Systems	
(1)	[F74-OA2]
	[F11-OS3.7]
(2)	[F74-OA2]
3.8.3.20. Counters	
(1)	[F74-OA2]
3.8.3.21. Telephones	
(1)	[F74-OA2]
(2)	[F74-OA2]
3.8.3.22. Spaces in Seating Area	
(1)	[F74-OA2]
	[F30-OS3.1] Applies to portion of Code text: "... level ... level and have removable seats, ..."
	(d) [F10-OS3.7] Applies to portion of Code text: "... without infringing on egress from any row of seating or any aisle requirements ..."

Table 3.10.1.1. (Continued)

Provision	Functional Statements and Objectives ⁽¹⁾
(2)	[F74-OA2]
	[F30-OS3.1] Applies to portion of Code text: "... level, ..."
(3)	(a) [F10-OS3.7] Applies to portion of Code text: "... without infringing on egress from any row of seating or any aisle requirements ..."
	[F74-OA2]
(4)	[F10-OS3.7]
3.9.1.2. Application	
(1)	(d) [F02-OS1.1]
3.9.2.2. Spatial Separation	
(2)	[F12-OP3.1]
(3)	[F56-OH3.1]
3.9.3.1. Safety Requirements Within Floor Areas	
(2)	[F02-OS1.2]
(3)	[F03-OS1.2]
	[F03-OP1.2]
(6)	[F02-OP1.2]
3.9.3.2. Sanitary Facilities	
(1)	[F72-OH2.1]
	[F71-OH2.3]

Notes to Table 3.10.1.1.:
⁽¹⁾ See Parts 2 and 3 of Division A.